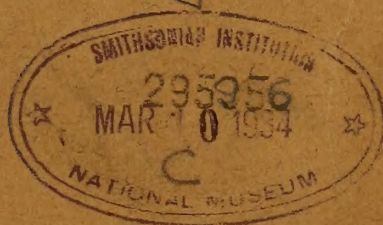


INDEX *of* PATENTS

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1933



UNITED STATES
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LIST OF PATENTEES FOR THE YEAR 1933

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but supersede the List of Inventions

- A. B. C. Metal Corp. (See Manban, John, assignor.)
A. B. Cema Multiple Drill Machine Co. (See Mahren, Carl L., assignor.)
A. B. See Elevator Company. (See Lindstrom, Nils O., assignor.)
A. B. See Elevator Company. (See Lindstrom, N. O., and Olofson, assignors.)
A. B. See Elevator Company. (See Lindstrom, N. O., and Persson, assignors.)
A. B. See Elevator Company. (See Olofson, Carl F. E., assignor.)
A. B. See Elevator Company. (See Olofson, C. F. E., and Lindstrom, assignors.)
A C Spark Plug Company. (See Bacon, Elbridge F., assignor.)
A C Spark Plug Company. (See Bacon, E. F., and Dinsmore, assignors.)
A C Spark Plug Company. (See Berdon, Albert E., assignor.)
A C Spark Plug Company. (See Chisholm, Benjamin H., assignor.)
A C Spark Plug Company. (See Eshbaugh, Jesse E., assignor.)
A C Spark Plug Company. (See Hans, Edmund E., assignor.)
A C Spark Plug Company. (See Harada, Henry H., assignor.)
A C Spark Plug Company. (See Helgeby, Ralph O., assignor.)
A C Spark Plug Company. (See Helgeby, R. O., and Waller, assignors.)
A C Spark Plug Company. (See Howse, Curtis L., assignor.)
A C Spark Plug Company. (See Kamrath, Herbert G., assignor.)
A C Spark Plug Company. (See McDougal, Taine G., assignor.)
A C Spark Plug Company. (See McKinley, Charles W., assignor.)
A C Spark Plug Company. (See Rabezzana, Hector, assignor.)
A C Spark Plug Company. (See Randolph, Donald, W., assignor.)
A C Spark Plug Company. (See Webb, Hartwell W., assignor.)
A C Spark Plug Company. (See Wedin, Ivar, assignor.)
A C Spark Plug Company. (See Zubaty, Joseph, assignor.)
A C Spark Plug Company. (See Zubaty, J., and Keeney, assignors.)
A C Spark Plug Company. (See Zubaty, J., and Smith, assignors.)
A. J. & K. Company, Incorporated, The. (See Janer, Andre, assignor.)
A. M. O. Products Inc. (See Adler, H. G., and Matter, assignor.)
A. P. W. Paper Company. (See Blocksidge, Charles R., assignor.)
A. P. W. Paper Co. Inc. (See Fairchild, William, assignor.)
A. P. W. Paper Co. (See Wheeler, Seth, jr., assignor.)
A/S Elektrisk Bureau. (See Lökke, Ole A., assignor.)
A/S Farmakon. (See Aagaard, T. B., Samdahl, and Hopstock, assignors.)
AS. Thunes mek. Vaerksted. (See Qviller, Olaf, assignor.)
Aagaard, Birger, Trondhjem, Norway. Vertical index cabinet. 1,926,023; Sept. 12.
Aagaard, I. H. (See Washburn, W. F., and Aagaard.)
Aagaard, Thorvald E., and B. Samdahl, Oslo, and F. P. Hopstock, assignors to A/S Farmakon, Kragero, Norway. Preparation of a product containing all opium alkaloids. 1,903,770; Apr. 18.
Aalborg, Christian, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil circuit breaker. 1,930,026; Oct. 10.
Aalborg, Christian, Pittsburgh, and F. Conrad, Wilkinsburg, assignors to Westinghouse Electric and Manufacturing Company. Motion-picture apparatus. 1,939,031; Dec. 12.
Aanenson, Christ J., Magnolia, Minn. Radio ground. 1,904,773; Apr. 18.
Aanerud, Louis, assignor to F. H. Noble & Co., Chicago, Ill. Spring fastener for brochures and the like. 1,908,469; May 9.
Aarts, Christianus J. G., Voorburg, and J. A. A. Mekel, Delft; said Aarts assignor to Walter F. C. Baars, Rotterdam, Netherlands. Making bore holes. 1,898,926; Feb. 21.
Abatgis, George, et al. (See Davison, Goliat, assignor.)
Abbe, Earl C. (See Gagnon, Alphage L., assignor.)
Abbe, Edward J., assignor to The Elwell Parker Electric Company, Cleveland, Ohio. Industrial truck. 1,903,431; Apr. 11.
Abbé, Paul O., Inc. (See Garlick, Ralph, assignor.)
Abbey, Nelson D., assignor to The Etna Machine Company, Toledo, Ohio. Swaging. 1,928,921; Oct. 3.
Abbott, Adrian O., jr., assignor to Morgan & Wright, Detroit, Mich. Apparatus for the manufacture of tires. 1,906,502; May 2.
Abbott, Adrian O., jr., assignor to Morgan & Wright, Detroit, Mich. Measuring device. 1,927,821; Sept. 26.
Abbott, Adrian O., jr., assignor to Morgan and Wright, Detroit, Mich. Apparatus for manufacturing tires. 1,931,638; Oct. 24.
Abbott, Adrian O., jr., assignor to Morgan & Wright, Detroit, Mich. Making tires and product. 1,933,692; Nov. 7.
Abbott, Adrian O., jr., assignor to Morgan and Wright, Detroit, Mich. Process and apparatus for manufacturing tires. 1,938,787; Dec. 12.
Abbott, Adrian O., jr., Grosse Pointe Park, Mich., assignor to Revere Rubber Company, Providence, R. I. Method and apparatus for making rubber articles. 1,909,512; May 16.
Abbott, Albert L., and W. C. Miller, assignors to The Diebold Safe & Lock Company, Canton, Ohio. Safety locker. 1,918,885; July 18.
Abbott Ball Company, The. (See Matteson, George F., assignor.)
Abbott, Carroll B., et al. (See Hammerly, Fred V., assignor.)
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric heater. 1,904,594; Apr. 18.
Abbott, Charles S., Palm Springs, Calif. Steering mechanism for trucks and trailers. 1,911,335; May 30.
Abbott, Edna I., Tiffin, Ohio. Garment protector. 1,897,100; Feb. 14.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Slub detector, catcher, or breaker. 1,905,259; Apr. 25.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 1,911,047; May 23.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile mechanism. 1,917,221; July 11.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Draft roll. 1,936,443; Nov. 21.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile mechanism. 1,940,476; Dec. 19.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile mechanism. 1,940,477; Dec. 19.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile mechanism. 1,940,478; Dec. 19.
Abbott, Geoffrey J., London, assignor to Packers Supply Company Limited, New Malden, Surrey, England. Tool for cutting tongues in metal sheets. 1,938,570; Dec. 12.
Abbott, George L., et al. (See Walker, Robinson M., assignor.)
Abbott, Harry W., Chicago, Ill. Centrifugal filtering device. 1,902,982; Mar. 28.
Abbott, Harvey. (See Allsworth, T. W., Abbott, and Bruder.)
Abbott Laboratories. (See Adams, Rogers, assignor.)
Abbott Laboratories. (See Parr, Rosalie M., assignor.)
Abbott Laboratories. (See Raiziss, George W., assignor.)
Abbott Laboratories. (See Raiziss, G. W., and Clemence, assignors.)
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abbott Machine Company. (See Abbott, William G., jr., assignor.)
Abbott, Norma F., Brooklyn, N. Y. Sanitary single package cup. 1,933,463; Oct. 31.
Abbott, Peter Henry. (See Koprivier, F., jr., and Abbott.)
Abbott, Scott M., assignor to H. Bartels and F. E. McWayne, Chicago, Ill. Combined bed and mantle. 1,938,165; Dec. 5.
Abbott, W. M., et al. (See Walker, Robinson M., assignor.)
Abbott, William G., jr., assignor, by mesne assignments, to Abbott Machine Company, Wilton, N. H. Dyeing textiles. 1,899,004; Feb. 28.
Abbott, William J., Toorak, assignor to International Products Proprietary, Limited, Melbourne, Victoria, Australia. Manufacture of dried food products from raw meat. 1,899,224; Feb. 28.

- Abbotts Dairies, Inc. (See Kennedy, Ridgway R., assignor.)
- Abbotts Dairies, Inc. (See Matt, Morris C., assignor.)
- Abbotts, Leonard, assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Pocket flash light. 1,919,024; July 18.
- Abe, Hiroshi, Fukushima, Japan. Manufacturing artificial flowers from cocoons. 1,914,591; June 20.
- Abe, Kiyoshi. (See Aoyagi, E., Abe, and Yamasaki.)
- Abe, Philber A. (See Bickel, C. A., and Abe.)
- Abegg, Walter A., Los Angeles, assignor, by direct and mesne assignments, to Wieman Kammerer Wright Co., Incorporated, Hollydale, Calif. Drilling bit. 1,909,925; May 23.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Box or similar receptacle. Des. 89,109; Jan. 24.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Box or similar receptacle. Des. 89,164; Feb. 7.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Clock case. Des. 89,459; Mar. 14.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Clock case. Des. 89,460; Mar. 14.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Combined figure and receptacle. Des. 90,183; June 27.
- Abel, Frank J., Massapequa, assignor to Henry Hyman, Brooklyn, N. Y. Lamp base. Des. 90,302; July 18.
- Abel, Frank J., Massapequa, assignor to H. Hyman, Brooklyn, N. Y. Clock case. Des. 90,692; Sept. 19.
- Abel, Joseph C., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car. 1,937,540; Dec. 5.
- Abele, Theodore J. (See Kuck, H. G., and Abele.)
- Abell, Frank, Inglewood, Calif. Internal combustion engine. 1,907,470; May 9.
- Abell, William C. (See Maxwell, C. A., Abell, and Sawyer.)
- Abelmann, Arthur, Frankfort-on-the-Main, assignor to Chemisch-Pharmazeutische Aktiengesellschaft Bad Homburg, Germany. Modification of the preparation of camomile extracts. 1,926,929; Sept. 12.
- Abels, Charles H., and A. J. Baker, Phoenix, Ariz. Battery terminal connection. 1,927,449; Sept. 19.
- Abelson, Martin, Portland, Ore. Toothbrush. 1,929,530; Oct. 10.
- Abendroth, Elmer T., assignor to The Oakes Manufacturing Company, Inc., Tipton, Ind. Trap front for hen laying nests. 1,927,009; Sept. 19.
- Abendroth, Wilhelm. (See Pontow, W., Abendroth, Schroeder, and Mayr.)
- Abendroth, Wilhelm, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 1,925,222; Sept. 5.
- Abendroth, Wilhelm, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator. 1,932,918; Oct. 31.
- Abercrombie, James S. (See Benson, Arthur C., assignor.)
- Abercrombie, James S. (See King, Walter E., assignor.)
- Abercrombie, James S. (See Reed, Dempson H., assignor.)
- Abercrombie, James S., Houston, Tex. Fluid pressure operated blow out preventer. Re18,874; June 20.
- Abercrombie, James S., Houston, Tex. Whipstock. 1,901,854; Mar. 14.
- Abercrombie, James S., Houston, Tex. Whipstock for wells. 1,927,863; Sept. 26.
- Abercrombie, James S., Houston, assignor to Stephens Pump Company, Round Rock, Tex. Pump. 1,899,297; Feb. 28.
- Abercrombie, James S., and W. E. King, Houston, Tex. Fluid pressure operated valve. 1,910,663; May 23.
- Abercrombie, James S., J. A. Tennant, and H. Allen, Houston, assignors to Stephens Pump Company, Round Rock, Tex. Pump. 1,899,298; Feb. 28.
- Abercrombie, James S., J. A. Tennant, and H. Allen, Houston, assignors to Stephen Pump Company, Round Rock, Tex. Pump. 1,899,299; Feb. 28.
- Abernethy, Harry D., Cleveland, Ohio, assignor to The Union Switch & Signal Company, Swissvale, Pa. Automatic railway block signaling system. 1,936,705; Nov. 28.
- Aberson, Nathaniel L., Detroit, Mich. Monolithic wall structure. 1,933,237; Oct. 31.
- Abert, Hamilton, New York, N. Y., and A. Whitelaw, assignors, by mesne assignments, to Raybestos-Manhattan, Inc., Passaic, N. J. Molded brake lining. 1,932,919; Oct. 31.
- Ablene Cotton Oil Company. (See Richardson, James R., assignor.)
- Abingdon Engineering Corporation. (See Hendrickson, Walter H., assignor.)
- Abington Textile Machinery Works. (See Clark, Ernest, assignor.)
- Aborn, Robert H., East Orange, N. J., assignor to United States Steel Corporation, New York, N. Y. Working austenitic steels. 1,918,731; July 18.
- Abraham, Gabriel, New York, N. Y. Self supporting hose. 1,914,794; June 20.
- Abraham, Hiram T., assignor of two-thirds to James F. Robbins and one-third to R. W. Sheets, Lincoln, Ill. Valve mechanism. 1,930,027; Oct. 10.
- Abraham, Leonard G., Madison, N. J., assignor to American Telephone and Telegraph Company. Pilot wire regulator system. 1,931,598; Oct. 24.
- Abraham, Leonard G., Madison, N. J., assignor to American Telephone and Telegraph Company. System for adjustment of transmission levels. 1,935,759; Nov. 21.
- Abraham, Nathan, Berlin, Germany. Clasp for supporting trousers by the shirt. 1,909,561; May 16.
- Abrahams, Alexander I., New York, N. Y. Horn structure. 1,918,366; July 18.
- Abram, Augustus T., Bronx, N. Y. Aeroplane. 1,923,249; Aug. 22.
- Abrams, Henry J., Ann Arbor, assignor to Daisy Manufacturing Company, Plymouth, Mich. Aerial toy. 1,907,697; May 9.
- Abrams, Hyman, Brooklyn, N. Y. Folding bed and cot mattress. 1,927,109; Sept. 19.
- Abrams, Theodore, Woodhaven, N. Y., assignor to Studio Couch Patents Co. Inc. Combination furniture. 1,903,404; Apr. 4.
- Abrams, Victor R., Brunswick, Ga. Tobacco pipe. 1,908,878; May 16.
- Abrams, Victor R., assignor to A. H. Ballard, Brunswick, Ga. Sulphur lubricant. 1,913,299; June 6.
- Abrams, Victor R., assignor to A. H. Ballard, Brunswick, Ga. Sulphur lubricant. 1,913,300; June 6.
- Abramson, Abraham, New York, N. Y. Current-tapping cap-plug fitting. 1,922,651; Aug. 15.
- Abramson, Abraham. (See Lazarus, Louis M., assignor.)
- Abramson, Alexander, Prague, Czechoslovakia. Device for turning piston rings. 1,901,942; Mar. 21.
- Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Tube bender. 1,935,604; Nov. 21.
- Abramson, Richard E. (See Victor, B., and Abramson.)
- Abresh, William J., Fall River, Mass. Warp beam for looms. 1,925,428; Sept. 5.
- Abrasive Wheel and Equipment Co. Inc. (See Mason, James M., assignor.)
- Abreo, Joseph A., San Jose, Calif. Wheel spreader. 1,909,264; May 16.
- Abronski, Alexander F., Philadelphia, Pa. Rain down spout hanger. 1,912,241; May 30.
- Abronski, Alexander F., Philadelphia, Pa. Riveting anchor for fastening sheet metal. 1,930,187; Oct. 10.
- Acco Products, Inc. (See Kline, Fred J., assignor.)
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See English, Francis G. S., assignor.)
- Accounting & Tabulating Corporation of Gt. Britain Limited, The. (See Hunter, Charles E., assignor.)
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See Thomas, Arthur, assignor.)
- Accounting & Tabulating Corporation of Great Britain Limited, The. (See Thomas, A., and English, assignors.)
- Accounting Tabulating Corporation of Great Britain Limited. (See Thomas, A., and Mowbray, assignors.)
- Aceta G. m. b. H. (See Friedrich, Alfred, assignor.)
- Acetol Products Incorporated. (See Canon, Frank A., assignor.)
- Acetol Products, Inc. (See Zimmerli, Adolph, assignor.)
- Aceves, Julius J. (See Amy, E. V., and Aceves.)
- Aceves, Julius G., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Supply circuits for radio sets. Re18,916; Aug. 15.
- Achard, Jean, Paris, France. Device for the control of electric arc welding machines. 1,904,112; Apr. 18.
- Achard, Jean, Paris, France. Electrical induction apparatus applicable to resistance welding. 1,926,507; Sept. 12.
- Achard, Jean, Paris, France. Machine for resistance electric welding. 1,935,343; Nov. 14.
- Achert, William K., Erie, Pa. Display easel. 1,909,276; May 16.
- Acheson, Arthur M., Dobbs Ferry, assignor to Durium Products Corporation, New York, N. Y. Phonograph record with pin holder. 1,915,348; June 27.
- Acheson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Electron discharge device. 1,902,481; Mar. 21.
- Acheson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 1,913,185; June 6.
- Acheson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Protective cooling system for thermionic apparatus. 1,940,284; Dec. 19.
- Acheson, Marcus A., and J. L. Zehner, Schenectady, N. Y., assignors to General Electric Company. Electron discharge apparatus. 1,902,482; Mar. 21.
- Acken, Raymond V., Pittsburgh, Pa. Safety razor. 1,899,841; Feb. 28.
- Acker, George H., assignor to The Cleveland Worm and Gear Company, Cleveland, Ohio. Gear casing. 1,902,934; Mar. 28.
- Acker, Hans. (See Kirchner, C., and Acker.)
- Acker, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of alkaline earth metal cyanamides. 1,919,761; July 25.
- Ackerly, Donald G., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 1,926,132; Sept. 12.

- Ackerman, Adolph J., Mankato, Minn. Lifting device. 1,905,427; Apr. 25.
- Ackerman, Albert H., assignor to The Studebaker Corporation, South Bend, Ind. Vehicle seat. 1,899,927; Mar. 7.
- Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, Edward L., assignor.)
- Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, E. L., and Moore, assignors.)
- Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, E. L., and Zwierzina, assignors.)
- Ackerman, Edward, New York, N. Y. Dental device. 1,934,688; Nov. 14.
- Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Incorporated, Detroit, Mich. Automatic window regulator. 1,905,876; Apr. 25.
- Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Incorporated, Detroit, Mich. Automatic window regulator. 1,907,027; May 2.
- Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Sash operating device. 1,927,790; Sept. 19.
- Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulator. 1,939,158; Dec. 12.
- Ackerman, Edward L., Detroit, Mich., and J. J. Moore, Batavia, N. Y., assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulating mechanism. 1,907,028; May 2.
- Ackerman, Edward L., and A. J. Zwierzina, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulator. 1,925,785; Sept. 5.
- Ackerman, Edward L., and A. J. Zwierzina, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulator. 1,939,245; Dec. 12.
- Ackerman, Frank, Passaic, N. J. Portable luncheon kit. 1,935,307; Nov. 14.
- Ackerman, Frank, St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Reciprocating pump. 1,898,994; Feb. 28.
- Ackerman, Frank, St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Automobile lift. 1,899,491; Feb. 28.
- Ackerman, Frank, St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Lifting apparatus. 1,941,240; Dec. 26.
- Ackerman, Howard B., assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Thermostatic, electric, circuit-controller. 1,928,777; Oct. 3.
- Ackerman, Howard B., assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Thermostat. 1,933,083; Oct. 31.
- Ackerman, Howard B., assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Water heating and fluid pressure regulating device. 1,939,330; Dec. 12.
- Ackerman, Michael H., Mansfield, assignor of one-half to L. C. Sickel, Caledonia, Ohio. Seal. 1,900,849; Mar. 7.
- Ackerman, Paul C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Making bearing members and the like. 1,911,336; May 30.
- Ackerman, William, Towners, and G. P. Kingsbury, Hollis, N. Y., assignors to Mergenthaler Linotype Company. Typographical composing machine. 1,920,832; Aug. 1.
- Ackerman, Arthur, assignor to Société de Recherches & d'Exploitations Petrolifères, Paris, France. Apparatus for activation of carbonaceous substances. 1,918,367; July 18.
- Ackermann, Hugo, Godesberg-on-the-Rhine, Germany. Mold for artificial stones. 1,941,379; Dec. 26.
- Ackermann, Hugo, Bonn-on-the-Rhine, assignor to Didier-Werke Aktiengesellschaft, Berlin-Wilmersdorf, Germany. Ceramic product and method of manufacturing the same. 1,917,181; July 4.
- Ackermann, Karl, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Electrode for accumulators. 1,940,385; Dec. 19.
- Ackermans, John W. J., Detroit, Mich. Caning device. 1,913,466; June 13.
- Acly, Harry M., Pittsfield, Mass., assignor to General Electric Company. Insulating bushing. 1,906,829; May 2.
- Acly, Harry M., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 1,935,426; Nov. 14.
- Acme Axminster Loom Spool Company. (See Vickerman, Robert E., assignor.)
- Acme Fishing Tool Company. (See Bell, Thomas W., assignor.)
- Acme Knitting Machine & Needle Company. (See Currier, Arthur.)
- Acme Machine Tool Company, The. (See Meier, C., and Wettig, assignors.)
- Acme Motion Picture Projector Company. (See Larsen, Louis B., assignor.)
- Acme Sales Corp. (See Lambertus, P., Trimpe, and Kountz.)
- Acme Shear Company, The. (See Conway, John J., assignor.)
- Acme Staple Company. (See Hicks, Harry E., assignor.)
- Acme Steel Company. (See MacChesney, Chester M., assignor.)
- Acme Steel Company. (See MacChesney, C. M., and Norton, assignors.)
- Acme Steel Company. (See Wilson, Allen B., assignor.)
- Acme Steel Company. (See Novy, A. F., and Childress, assignors.)
- "Acemeline" Manufacturing Company. (See Pharo, Gordon C., assignor.)
- Acorn Wire & Iron Works. (See Kitzelman, Frank, assignor.)
- Acosta, Antonio M., et al. (See Massino, Cesar A. M., assignor.)
- Acosta, Felipe B., New York, N. Y. Pole finder. 1,940,521; Dec. 19.
- Acosta, José, New York, N. Y. Sugar measuring and serving device. 1,916,819; July 4.
- Acosta, Tomas J., et al. (See Massino, Cesar A. M., assignor.)
- Acro Aktiengesellschaft. (See Baur, Ottmar, assignor.)
- Actiengesellschaft K. P. Goerz Optische Anstalt Actiova spolocnost K. P. Goerz opticky ustav. (See Clementi, Antonio, assignor.)
- Actiengesellschaft K. P. Goerz Optische Anstalt Actiova Spolocnost K. P. Goerz Opticky Istav. (See Clementi, A., and Pechan, assignors.)
- Actiengesellschaft K. P. Goerz Optische Anstalt Actiova Spolocnost K. P. Goerz Opticky ustav. (See von Hof, C., and Schier, assignors.)
- Activated Sludge, Inc. (See Coombs, James A., assignor.)
- Acton, Stanley M., Springfield Township, Hamilton County, Ohio. Combined flash stop signal and tail light. 1,928,873; Oct. 3.
- Acushnet Process Company. (See Young, Philip E., assignor.)
- Adair, Lucille P., Jacksonville, Fla. Label. 1,922,565; Aug. 15.
- Adair, Samuel E. (See Jenkins, J. E., and Adair.)
- Adair, Thomas W., Houston, Tex., assignor to Howard Smith Company. Pipe holder. 1,908,652; May 9.
- Adair, Thomas W., Houston, Tex., assignor to Howard Smith Company. Pipe holder. 1,908,675; May 16.
- Adam, Frank, Electric Co. (See Adam, Frederick B., assignor.)
- Adam, Frederick B., St. Louis, Mo. Lighting control apparatus. 1,901,886; Mar. 21.
- Adam, Frederick B., St. Louis, Mo. Panel-board section. 1,905,121; Apr. 25.
- Adam, Frederick B., St. Louis, Mo. Lighting control apparatus. 1,908,941; May 16.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Lighting control system. 1,907,030; May 2.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Outlet box. 1,910,665; May 23.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Lighting control system. 1,912,613; June 6.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Panel cabinet. 1,912,614; June 6.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Fastening device. 1,915,509; June 27.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Panel board and cabinet. 1,930,028; Oct. 10.
- Adam, Frederick B., assignor to Frank Adam Electric Co., St. Louis, Mo. Electric fixture support. 1,939,645; Dec. 19.
- Adam, Robert A., Waterloo, F. C. V. Holmes, Bromborough, and A. W. Perrins, Bebbington, assignors to The Cunard Steam Ship Company Limited, Liverpool, England. Dispersions of coal in oil. 1,939,587; Dec. 12.
- Adam, William, jr., Abington, Pa. Electric induction furnace. 1,914,354; June 20.
- Adam, William G., and P. Gray, Westminster, England. 1,917,682; July 11.
- Adam, William G., Loughton, and D. G. Murdoch, Criecklewood, London, assignors to The Gas Light & Coke Company, London, England. Production of sulphate of ammonia. 1,919,707; July 25.
- Adams, Arthur H., La Grange, Ill., assignor to Troy Laundry Machinery Company, New York, N. Y. Spring. 1,897,411; Feb. 14.
- Adams, Arthur H., La Grange, Ill., assignor to Troy Laundry Machinery Company, Inc., New York, N. Y. Safety lock for extractors or the like. 1,909,793; May 16.
- Adams, Arthur H., La Grange, Ill., assignor to Troy Laundry Machinery Company, Inc., New York, N. Y. Centrifugal treating machine. 1,909,794; May 16.
- Adams, Arthur H., Yonkers, assignor to Troy Laundry Machinery Company, Inc., New York, N. Y. Winding convoluted springs. 1,897,412; Feb. 14.
- Adams, Arthur H., Yonkers, N. Y., assignor to F. Leo Crilly, London, England. Reinforcing cinematograph films. 1,900,681; Mar. 7.
- Adams, Arthur H., Yonkers, assignor to General Cable Corporation, New York, N. Y. Punching machine. 1,937,499; Dec. 5.
- Adams, Arthur H., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing electrical contact members. 1,907,930; May 9.
- Adams, Arthur H., and S. F. Hampton, Yonkers, N. Y. Eyeglasses. 1,908,723; May 16.
- Adams, Bertha. (See Adams, Philip, assignor.)
- Adams, Charles A., assignor to Mathews Conveyor Company, Ellwood City, Pa. Conveying mechanism. 1,931,453; Oct. 17.
- Adams, Charles R., Donayon, Saskatchewan, Canada. Chain oiler. 1,914,093; June 13.
- Adams, Charles W. (See Lenz, A., and Adams.)

- Adams, Chester E. (See Sullivan, F. W., jr., and Adams.)
- Adams, Clark M., assignor to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Instrument panel. 1,917,079; July 4.
- Adams, Claude H., Glens Falls, N. Y. Scaffold. 1,922,069; Aug. 15.
- Adams Company, The. (See Demkier, L. A., and Meyers, assignors.)
- Adams Company, The. (See Meyer, John B., assignor.)
- Adams, Cornele B., Bayamon, P. R. Schedule indicator. 1,930,989; Oct. 17.
- Adams, Daniel G., assignor to Adams Grease Gun Corporation, New York, N. Y. Lubricating apparatus. 1,937,106; Nov. 28.
- Adams, Daniel G., assignor to Adams Grease Gun Corporation, New York, N. Y. Lubricating apparatus. 1,938,571; Dec. 12.
- Adams, Edward T., Phoenix, Ariz., assignor to Fairbanks, Morse & Co., Chicago, Ill. Internal combustion engine. 1,907,095; May 2.
- Adams, Edwin C., Pittsburgh, Pa. Gas burner. 1,900,217; Mar. 7.
- Adams, Edwin C., Pittsburgh, Pa. Combination gas heater. 1,923,194; Sept. 26.
- Adams, Ernest H., Los Angeles, Calif. Pipe cleaning machine. 1,899,879; Feb. 28.
- Adams, Ervin, assignor of one-half to M. J. Haney, Mount Carmel, ten per cent to S. W. Blakslee, Pottsville, ten per cent to W. B. Grove, Mercersburg, and H. V. Grove, Everett, Pa. Automatic electrical cut-out. 1,918,732; July 18.
- Adams, Ethel B., Cantonsville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Filing rack. 1,924,096; Aug. 29.
- Adams, Frank, assignor to Ideal Electric & Manufacturing Co., Mansfield, Ohio. Journal construction. 1,910,664; May 23.
- Adams, Frank, assignor to The Ideal Electric & Manufacturing Co., Mansfield, Ohio. Electric motor construction. 1,936,744; Nov. 28.
- Adams, George, et al. (See Davis, John A., assignor.)
- Adams, George E., assignor of one-half to C. W. McCoy, Spokane, Wash. Refrigerating system. 1,940,235; Dec. 19.
- Adams, George F. B., Vancouver, British Columbia, Canada. Building construction. 1,915,711; June 27.
- Adams, Glenn L., Spokane, Wash. Golf bag and boot and article. 1,928,922; Oct. 3.
- Adams Grease Gun Corporation. (See Adams, Daniel G., assignor.)
- Adams, H. H. (See Hogan, F. W., and Bulbrook, assignors.)
- Adams, Hale D., Galesburg, Ill. Buckle for garments. 1,908,209; May 9.
- Adams, Harley E., Parkersburg, W. Va. Cigarette holder. 1,907,195; May 2.
- Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Mechanism for controlling the operation of centrifugal pumps. 1,929,232; Oct. 3.
- Adams, Henry R., and H. E. Kraven, assignors to Illinois Watch Case Company, Elgin, Ill. Dresser set component. 1,932,006; Oct. 24.
- Adams, Henry T., and N. D. Nachtrieb, Chicago, Ill.; said Nachtrieb assignor to said Adams. Ring binder. 1,932,874; Oct. 31.
- Adams, Hugh P. (See McGiffert, S. Y., and Adams, assignors.)
- Adams, J. D., Manufacturing Company. (See Notvest, Robert, assignor.)
- Adams, J. D., Manufacturing Company. (See Wallace, Floyd D., assignor.)
- Adams, J. D., Manufacturing Company. (See Wallace, F. D., Cost, and Hartley, assignors.)
- Adams, James H., Circleville, Ohio. Bin closure. 1,921,062; Aug. 8.
- Adams, James L., jr., assignor of nine-tenths to Graver Corporation, East Chicago, Ill. Metal fabricating machine. 1,904,913; Apr. 18.
- Adams, James L., jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method and apparatus for producing welded articles. 1,913,322; June 6.
- Adams, James L., jr., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Electric welding machine and welding. 1,917,210; July 4.
- Adams, James L., jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method and apparatus for forming tubular objects. 1,940,479; Dec. 19.
- Adams, James R., Hatboro, Pa. Roll for making rolled products and producing it. 1,932,168; Oct. 24.
- Adams, Joseph N. (See Keech, D. E., and Adams.)
- Adams, Julius R. (See Stevens, D. R., and Adams.)
- Adams, Leland R., assignor to The Firestone Steel Products Company, Akron, Ohio. Apparatus for testing external threads on valve stems. 1,940,783; Dec. 26.
- Adams, Lester V., Schenectady, N. Y., assignor to General Electric Company. Resinous compositions and making. 1,893,874; Jan. 10.
- Adams, Lester V., Schenectady, N. Y., assignor to General Electric Company. Cementing composition. 1,900,537; Mar. 7.
- Adams, Lester V., Schenectady, N. Y., assignor to General Electric Company. Resinous composition. 1,904,595; Apr. 18.
- Adams, Lytle S., New York, N. Y. Paving construction. 1,934,782; Nov. 14.
- Adams, Lytle S., Washington, D. C. Shock absorbing device for airplane package transfer apparatus. 1,935,233; Nov. 14.
- Adams, Mathias J., Turkey River, Iowa. Running gear. 1,924,388; Aug. 29.
- Adams, Oscar C., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and the manufacture thereof. 1,905,205; Apr. 25.
- Adams, Peter P., Turkey River, Iowa. Motor vehicle differential gear drive and guide in four wheels, combined with triple differential and brake in one unit. 1,901,276; Mar. 14.
- Adams, Philip, assignor to B. Adams, North Bay, Ontario, Canada. Envelope opening means. 1,930,299; Oct. 10.
- Adams, Porter H., Thetford, Vt. Golf club. 1,894,841; Jan. 17.
- Adams, Robert E., New York, N. Y. Golf game apparatus. 1,894,722; Jan. 17.
- Adams, Robert E., New York, N. Y. Golf apparatus. 1,922,021; Aug. 15.
- Adams, Robert I., Chesnee, S. C. Plow. 1,909,647; May 16.
- Adams, Roger, Urbana, assignor to Abbott Laboratories, North Chicago, Ill. Polyhydric alcohol ester of aliphatic carboxylic acids. 1,917,681; July 11.
- Adams, Roger, Urbana, Ill., E. H. Johnson, Green Bay, and V. M. Weinmayr, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogen derivatives of a-naphthoyl-o-benzoic acid. 1,917,285; July 11.
- Adams, Roger, Urbana, Ill., E. H. Johnson, Green Bay, and V. M. Weinmayr, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro derivatives of a-naphthoyl-o-benzoic acid. 1,917,286; July 11.
- Adams, Ross T., assignor to Kellogg Company, Battle Creek, Mich. Container for shredded wheat biscuit and the like. 1,914,336; June 13.
- Adams, Roy S., assignor of one-half to J. Pinto, Saginaw, Mich. Automatic furnace regulator. 1,905,977; Apr. 25.
- Adams, Royal E., Los Angeles, Calif. Electric braking mechanism. 1,937,862; Dec. 5.
- Adams, Royal E., assignor to E. Pederson, trustee, Los Angeles, Calif. Electrical control means for brakes. 1,903,801; Apr. 18.
- Adams, S. G., Company. (See Craig, Harvey G., assignor.)
- Adams, Soren S., Asbury Park, N. J. Novelty toy. 1,903,082; Mar. 28.
- Adams, Soren S., Asbury Park, N. J. Toy explosive device. 1,936,150; Nov. 21.
- Adams, Victor N. (See Deitz, Charles F., assignor.)
- Adams, Walter A., Rochester, N. Y. Table, bench, shelf or similar structures. 1,893,481; Jan. 10.
- Adams, Walter A., Rochester, N. Y. Workbench. 1,904,708; Apr. 18.
- Adams, Walter A., Rochester, N. Y. Variable speed mechanism. 1,913,226; June 6.
- Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 1,899,908; Feb. 28.
- Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 1,932,360; Oct. 24.
- Adams, Walter S., jr. (See Hellmann, Frederick, A., assignor.)
- Adams & Westlake Company, The. (See Warnke, Carl J., assignor.)
- Adams, William A. (See Walz, S. C., and Adams.)
- Adams, William E. (See Hoy, H. H., and Adams.)
- Adams, William J., Knoxville, Tenn. Jar cap wrench. 1,919,708; July 25.
- Adamson, Andrew G., assignor to W. M. Still & Sons Limited, London, England, and himself. Film for photographic purposes. 1,904,113; Apr. 18.
- Adamson, Arthur W., New York, N. Y. Shade safety device. 1,923,698; Aug. 22.
- Adamson, George P., Huntington, assignor to General Chemical Company, New York, N. Y. Purifying hydrochloric acid gas. 1,936,078; Nov. 21.
- Adamson, William, trustee. (See Lukens, Hiram S., assignor.)
- Adamy, Ralph J., Bethlehem, Pa. Composite beam. 1,909,243; May 16.
- Adartcraft, Incorporated. (See Shaw, Louis E., assignor.)
- Adatte, Albert L., Plainfield, N. J. Light control device for printing machines. 1,933,693; Nov. 7.
- Ad-Bag Sales Corporation, The. (See Christianson, David A., assignor.)
- Adda and Company. (See Ek, Emil, assignor.)
- Addis, Frank J., Ozone Park, N. Y. Thermometer. 1,896,503; Feb. 7.
- Addis, Frank J. and P. P., Brooklyn, N. Y. Packing and display box. 1,899,547; Feb. 28.
- Addis, Frank J. and P. P., Brooklyn, N. Y. Device for producing candle holders. 1,911,952; May 30.
- Addis, Frank J. and P. P., Brooklyn, N. Y. Candle holder and making the same. 1,911,983; May 30.

- Addis, Paul P. (See Addis, Frank J. and P. P.)
- Addison, Herbert A., and E. T. Tyren, Durham, N. C., assignors to The American Tobacco Company, New York, N. Y. Combined cutting and slitting device. 1,932,875; Oct. 31.
- Addison, Tom, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,924,558; Aug. 29.
- Addler, Joseph H., Brooklyn, N. Y., assignor to Pullclean Manufacturing Corporation, Bridgeport, Conn. Towel cabinet. 1,906,353; May 2.
- Addressograph Company. (See Berthelsen, Erhard U. T., assignor.)
- Addressograph Company. (See Chambers, John C., assignor.)
- Addressograph Company. (See Duncan, Joseph S., assignor.)
- Addressograph Company. (See Eley, Alonzo, assignor.)
- Addressograph Company. (See Fassman, Bruno, assignor.)
- Addressograph Company. (See Gollwitzer, Walter T., assignor.)
- Addressograph Company. (See Hueber, Carl J., assignor.)
- Addressograph Company. (See Jackson, James P., assignor.)
- Addressograph Company. (See Kranz, Curtis G., assignor.)
- Addressograph Company. (See McCain, Cecil C., assignor.)
- Addressograph Company. (See Mohler, Valentine J., assignor.)
- Addressograph Company. (See Richter, Elmer F., assignor.)
- Addressograph Company. (See Ziege, Karl, assignor.)
- Adell, John A., Orange, Mass. Junction box. 1,901,943; Mar. 21.
- Adell, John A., Orange, Mass. Double lift inclosed drive gear jack. 1,911,101; May 23.
- Adell, John A., Orange, Mass. Measuring device for textiles and the like. 1,938,445; Dec. 5.
- Adelmann, Henri, administrator. (See Lévy, Joseph, assignor.)
- Adelmo, Giorgi, Highwood, Ill. Attachment for hair clippers. 1,928,000; Sept. 26.
- Adelson, Morton J., Larchmont, N. Y. Advertising band. 1,913,258; June 6.
- Adelson, Samuel L., assignor to General Zeolite Company, Chicago, Ill. Rate of flow controller. 1,934,759; Nov. 14.
- Adelson, Samuel L., assignor to General Zeolite Co., Chicago, Ill. Fluid flow controller. 1,936,373; Nov. 21.
- Aden, John C., assignor of one-sixth to W. E. Phillips, one-sixth to A. G. Fitzgerald, and one-third to A. C. Fort, Minonk, Ill. Storage battery solution. 1,906,784; May 2.
- Aderer, Julius, New York, N. Y. Orthodontic appliance. 1,905,877; Apr. 25.
- Aderer, Julius, New York, N. Y. Orthodontic appliance. 1,919,762; July 25.
- Aderer, Julius, New York, N. Y. Alloy. 1,924,097; Aug. 29.
- Adey, Horace W., London, England. Radio receiving and transmitting apparatus. 1,903,665; Apr. 11.
- Adie Brothers Limited. (See Bateman, Michael L., assignor.)
- Adin, Henry. (See Barnard, A. W. A., and Adin.)
- Adjasta Company. (See Evans, Harry H., assignor.)
- Adjasta Company. (See Hirsh, Fred, assignor.)
- Adjusto Equipment Company. (See Buchet, Conrad R., assignor.)
- Adkins, Frank A. (See Malm, John F., assignor.)
- Adkins, Homer. (See Meharg, V. E., and Adkins.)
- Adkison, J. R., et al. (See Conger, J. D., and Hitz, assignors.)
- Adlake Company, The. (See Britain, Glenn H., assignor.)
- Adlake Company, The. (See Forbregd, G. T., and Cornish, assignors.)
- Adlake Company, The. (See Hamm, William S., assignor.)
- Adlake Company, The. (See Hamm, W. S., and Sevison, assignors.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adlake Company, The. (See Sevison, Harry D., assignor.)
- Adler, Alfred A., New York, N. Y., and H. Albertman, Philadelphia, Pa., assignors to Jacquard Knitting Machine Co., Inc. 1,927,016; Sept. 19.
- Adler, Charles, Jr., Baltimore, Md. Signal mechanism for highway intersections. 1,919,874; July 25.
- Adler, Frank, Brooklyn, N. Y. Telephone index and memo. 1,922,611; Aug. 15.
- Adler, Herman G. (See Wood, A., and Adler.)
- Adler, Howard, Chicago Heights, assignor to Victor Chemical Works, Chicago, Ill. Converting ferro-phosphorus into phosphates. 1,909,996; May 23.
- Adler, Hyman G., Brooklyn, assignor, by mesne assignments, to American Folding Umbrella Corp., New York, N. Y. Umbrella. 1,911,784; May 30.
- Adler, Hyman G., Brooklyn, N. Y., and N. A. Matter, Jersey City, N. J., assignors to A. M. O. Products, Inc., New York, N. Y. Collapsible umbrella. 1,908,210; May 9.
- Adler, Jack, St. Louis, Mo. Filing drawer. 1,913,137; June 6.
- Adler, John B. (See Bales, J. E., Christensen, Hallberg, and Adler.)
- Adler, Lee E., Dallas, Tex. Transmission testing apparatus. 1,920,456; Aug. 1.
- Adler, Leon, St. Louis, Mo. Color preparation for butter, oleomargarine, etc. 1,920,231; Aug. 1.
- Adler, Marcus, Chicago, and J. C. Janosik, Cicero, Ill. Combination vest and suspenders. 1,902,939; Mar. 28.
- Adler, Max, San Diego, Calif. Combination bed and chair. 1,899,432; Feb. 28.
- Adler, Milton M., Newark, N. J. Pyrotechnical device. 1,936,221; Nov. 21.
- Adler, Morton L. (See White, William, assignor.)
- Adler, Morton L. (See White, W., Petersen, and Lamsmith, assignors.)
- Adler, Rudolf, Karlsbad, Czechoslovakia. Purifying and sterilizing water. 1,903,889; Apr. 18.
- Adler, Stella, and C. B. Blank, St. Louis, Mo. Marionette control frame and cord wind-up. 1,902,983; Mar. 28.
- Adler Underwear and Hosiery Company, The. (See Floyd, Elijah L., assignor.)
- Adornetto, Carmelo, New York, N. Y. Sandpaper holder. 1,896,738; Feb. 7.
- Adria S. A. Galerie du Commerce. (See Dreyfuss, Jacques, assignor.)
- Adsit, Blanche W., executrix. (See Adsit, George A.)
- Adsit, Frank W., St. Paul, and W. F. Benson, assignors to Rotary Carton Machine Company, Minneapolis, Minn. Cylinder printing machine. 1,911,048; May 23.
- Adsit, George A., deceased, by Blanche W. Adsit, East Paterson, N. J., executrix. Spindle. 1,897,716; Feb. 14.
- Advance Cement Process Corporation, The. (See Wilner, Elias R., assignor.)
- Advance Die Set Corporation. (See Baumbach, Emil A., assignor.)
- Advance Engineering Corporation. (See Taylor, Donald D., assignor.)
- Advance Machine Company. (See Antoine, Alfred D., assignor.)
- Advance Machine Company. (See Antoine, A. D., and Gebert, assignors.)
- Advance Machine Company. (See Richardson, Myron H., assignor.)
- Advance Machine Company. (See Richardson, M. H., and Gebert, assignors.)
- Advance Manufacturing Company. (See Poggel, George E., assignor.)
- Advance-Marshall Company. (See Bettenga, Creno P., assignor.)
- Advance Stamping Company. (See Nolan, Nicholas J., assignor.)
- Aemisegger, Jean, Bergenfield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Embroidered textile fabric. Des. 89,622; Apr. 18.
- Aemmer, Fritz, assignor to Aktiengesellschaft Brown Boveri & Cie. Baden, Switzerland. Circuit breaker. 1,935,222; Nov. 14.
- Aermotor Company. (See Scholes, Daniel R., assignor.)
- Aero Supply Manufacturing Corporation. (See Hiester, Theodore M., assignor.)
- Aerocrete Corporation of America, The. (See Billner, Karl P., assignor.)
- Aerol Engine Corporation. (See Hehr, Frederick G., assignor.)
- Aerovox Wireless Corporation. (See Siegel, Samuel, assignor.)
- Aeschbach, Friedrich, Aarau, Switzerland. Cutting machine. 1,898,160; Feb. 21.
- Aeschbach, Friedrich, Aarau, Switzerland. Meat chopping machine. 1,929,864; Oct. 10.
- Aeschlimann, John A., Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Disubstituted carbanic acid esters of phenols containing a basic constituent. 1,905,990; Apr. 25.
- Aeschlimann, John A., Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Stable concentrated solution for therapeutic purposes. 1,913,323; June 6.
- Aetna Ball Bearing Mfg. Co. (See Stein, Louis H., assignor.)
- Aetna Rubber Company, The. (See Fulton, Alfred C., assignor.)
- Aetna Standard Engineering Company, The. (See Kerr, Wallace E., assignor.)
- Aetna-Standard Engineering Company, The. (See Paisley, James R., assignor.)
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Channel selection. 1,905,359; Apr. 25.
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Treatment of echoes in transmission systems. 1,921,063; Aug. 8.
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Superimposed carrier telephone and carrier telegraph system. 1,932,568; Oct. 31.
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Polyphase current generator. 1,935,594; Nov. 14.
- Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Directionally selective sound receiver. 1,936,706; Nov. 28.
- Affel, Herman A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. High frequency signaling system. 1,928,610; Oct. 3.

- Affel, Herman A., Ridgewood, and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Communication with moving trains. 1,902,817; Mar. 28.
- Agar, Calvin A., West Orange, N. J. Method and apparatus for making laminated angular members. 1,909,513; May 16.
- Agasote Millboard Company, The. (See Becher, Hubert L., assignor.)
- Agate, Charlton S., South Croydon, and W. A. J. Thorn. London England, assignors to Columbia Phonograph Company, Inc., Bridgeport, Conn. Electric switch gear. 1,894,747; Jan. 17.
- Ager, Gypsy L., assignor of one-half to C. F. Worrell, Peru, Ind. Face lifting and treating method and device. 1,938,554; Dec. 5.
- Agerell, William C., Chicago, Ill. Internal combustion engine. 1,903,802; Apr. 18.
- Agey, Wallace, Kansas City, Mo., assignor to E. G. McIntyre. Pie pan. 1,938,572; Dec. 12.
- Agfa Anasco Corporation. (See Baker, Thomas T., assignor.)
- Agfa Anasco Corporation. (See Bornmann, Carl A., assignor.)
- Agfa Anasco Corporation. (See Bornmann, C., and Roehrl, assignors.)
- Agfa Anasco Corporation. (See Dieke, H., and Zick, assignors.)
- Agfa Anasco Corporation. (See Frankenburger, W., and Roessler, assignors.)
- Agfa Anasco Corporation. (See Gehrke, Friedrich W., assignor.)
- Agfa Anasco Corporation. (See Goldhammer, Leo, assignor.)
- Agfa Anasco Corporation. (See Goldhammer, L., and Stiefenhofer, assignors.)
- Agfa Anasco Corporation. (See Griessbach, R., and Kollmann, assignors.)
- Agfa Anasco Corporation. (See Hagedorn, Max, assignor.)
- Agfa Anasco Corporation. (See Hebbel, Konrad, assignor.)
- Agfa Anasco Corporation. (See Heymer, Gerd, assignor.)
- Agfa Anasco Corporation. (See Hipke, Kurt, assignor.)
- Agfa Anasco Corporation. (See Kaminski, Stefan, assignor.)
- Agfa Anasco Corporation. (See Lessler, Lew W., assignor.)
- Agfa Anasco Corporation. (See Lowkrantz, Gunne, assignor.)
- Agfa Anasco Corporation. (See Matheson, Avery A., assignor.)
- Agfa Anasco Corporation. (See Ollendorff, Gerhard, assignor.)
- Agfa Anasco Corporation. (See Reddell, G., and Müller, assignors.)
- Agfa Anasco Corporation. (See Schmidt, Richard, assignor.)
- Agfa Anasco Corporation. (See Schneider, Wilhelm, assignor.)
- Agfa Anasco Corporation. (See Wendt, Bruno, assignor.)
- Agfa Anasco Corporation. (See Wendt, B., and Bincer, assignors.)
- Agfa Anasco Corporation. (See Wendt, B., Bincer, and Fröhlich, assignors.)
- Aghnides, Elie, Antwerp, Belgium. Water pump. 1,912,113; May 30.
- Agner, Frank A., C. A. Haux, Peoria, Ill., and R. E. Pierce, St. Louis, Mo., assignors to Bemis Brothers Bag Company. Machine for severing bag tubes. 1,931,482; Oct. 24.
- Agostini, Léon, Paris, France. Comb for cutting and thinning the hair. 1,932,876; Oct. 31.
- Agostini, Louis, Vineland, N. J. Electric wind for clocks. 1,897,830; Feb. 14.
- Agostoni, Giuseppe G., Milan, Italy. Internal grinding apparatus. 1,918,077; July 11.
- Agren, Ernst M., Stockholm, Sweden. Arrangement in striking-tools. 1,896,992; Feb. 7.
- Agreus, Firma J. (See Öhrström, Wilhelm, assignor.)
- Agte, Curt, Berlin-Lichterfelde-Ost, and K. Moers, Berlin-Charlottenburg, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Hard alloys. 1,895,959; Jan. 31.
- Aguirre, Maximo, Cotati, Calif. Electrical network. 1,914,629; June 20.
- A'Hearn, Charles J., Midland, Pa. Checker brick. 1,907,170; May 2.
- Ahern, William A., Worcester, Mass. Gas burner. 1,939,941; Dec. 19.
- Aherne, Mark A., Astoria, N. Y. Adjustable diffuser and injector. 1,922,920; Aug. 15.
- Ahlbell Battery Container Corporation. (See Hunter, John L., assignor.)
- Ahlbin, John. (See Kellogg, H. M., and Ahlbin.)
- Ahlburg, Frank, Los Angeles, Calif. Method and apparatus for determining the inclination of a well. 1,925,223; Sept. 5.
- Ahlm, Charles E. F., Cleveland, Ohio, assignor, by mesne assignments, to Automotive Research Company, Warren, Ohio. Transmission gearing. 1,893,640; Jan. 10.
- Ahlman, Franz H., Morristown, Minn. Feeder. 1,909,244; May 16.
- Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Apparatus for grinding materials which contain particles of iron. 1,905,780; Apr. 25.
- Ahnger, Yrjö A., Crockett, Calif. Flexible shaft coupling. 1,921,144; Aug. 8.
- Ahnström, Erik. (See Engberg, Axel O.)
- Aho, Emil, Waukegan, Ill. Guide for stitching machines. 1,922,906; Aug. 15.
- Ahola, Harold, Stevenson, assignor of one-half to H. B. Tidland, Camas, Wash. Parachute. 1,909,445; May 16.
- Ahrens-Fox Fire Engine Company, The. (See Fox, Charles H., assignor.)
- Ahrens, Harry E., Pasadena, Calif. Hinge construction. 1,903,251; Mar. 28.
- Ahrens, Henry W., South Amana, Iowa. Feeder for little pigs. 1,895,435; Jan. 31.
- Ahrensmeier, Arthur J., assignor to Madison-Kipp Corporation, Madison, Wis. Lubricator. 1,914,062; June 13.
- Aichele, Gottlob, Nellingen, near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Die casting machine. 1,920,620; Aug. 1.
- Aichner, Franz. (See Schwenk, E., Gehrke, and Aichner.)
- Aiello, Ernest, Walla Walla, Wash., assignor of one-half to J. S. Southas, Cristobal, Canal Zone. Automatic aeroplane releaser. 1,930,462; Oct. 17.
- Aihara, Kyutaro, Tetsudo-Kansha, Teishaba-Dori, Miboro-Machi, Abashiri-Gun, Hokkaido, Japan. Weighing device for wagons. 1,917,080; July 4.
- Aiken, Charles B., New York, and J. E. Corbin, Jackson Heights, assignors to Bell Telephone Laboratories, Inc., New York, N. Y. Transmission network. 1,932,435; Oct. 31.
- Aiken, George W., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. Des. 91,183; Dec. 12.
- Aikman, Burton S., assignor of one-half to R. P. Tell, Milwaukee, Wis. Steering device. 1,900,218; Mar. 7.
- Aikman, Burton S., assignor to National Brake & Electric Co., Milwaukee, Wis. Compressing gases. 1,927,864; Sept. 26.
- Aikman, Burton S., assignor to National Brake and Electric Company, Milwaukee, Wis. Compressor piston or the like. 1,937,541; Dec. 5.
- Aikman, Everett M., Indianapolis, Ind. Regulating dropper. 1,895,436; Jan. 31.
- Aikman, Harry S. (See Meisel, R. M., and Aikman.)
- Ailes, Adrian S., assignor to The Lake Erie Chemical Company, Cleveland, Ohio. Disabling gas firing weapon. 1,897,992; Feb. 21.
- Ainscow, Joseph W. H., Lindfield, near Sydney, assignor to P. H. Newell, Sydney, New South Wales, Australia. Retort for extracting products from solid carbonaceous material. 1,927,003; Sept. 12.
- Ainslie, John N., Spokane, Wash. Berry box. 1,923,525; Aug. 22.
- Ainsworth, Chester D., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Outdoor electrical apparatus. 1,899,658; Feb. 28.
- Ainsworth, Chester D., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch. 1,904,397; Apr. 18.
- Ainsworth, Chester D., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch and arc extinguishing means. 1,912,342; May 30.
- Ainsworth, Chester D., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Insulation of inclosed electric conductors. 1,914,551; June 20.
- Ainsworth, Chester D., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switches and means to delay the successive opening thereof. 1,918,368; July 18.
- Ainsworth, George, New Hyde Park, N. Y. Glass bowl for semi-indirect illumination. Des. 89,327; Feb. 28.
- Ainsworth, Howard D., Berkeley, assignor to F. A. B. Manufacturing Company, Oakland, Calif. Flexible coupling. 1,894,507; Jan. 17.
- Ainsworth Manufacturing Corporation. (See Potter, Albert T., assignor.)
- Ainsworth, Thomas H. (See Wintemberg, A. C., and Ainsworth.)
- Ainsworth, William P. E., North Tarrytown, N. Y. Stop limit control for fring equipment. 1,939,640; Dec. 19.
- Airaghi, Cesare, Genoa, Italy, assignor to Albert T. Otto & Sons, New York, N. Y. Apparatus for molding castings for radiators, boilers, and the like. 1,913,356; June 13.
- Aircraft Appliance Co., The. (See Huffman, William E., assignor.)
- Aircraft Development Corporation. (See Fritsche, Carl B., assignor.)
- Aircraft Engine Company. (See Snyder, Oscar L., assignor.)
- Air Cushion Development Horse Collar Company. (See Richards, Forest A., assignor.)
- Airetool Manufacturing Company, The. (See Hamilton, W. T., and Igen, assignors.)
- Air Maze Corporation. (See Walter, George M., assignor.)
- Air-O-Cel, Inc. (See Reinke, Floyd C., assignor.)
- Air Reduction Company. (See Anderson, James L., assignor.)
- Air Reduction Company. (See Clark, George H., assignor.)
- Air Reduction Company. (See Daley, Charles A., assignor.)

- Air Reduction Company. (See Grow, Harold J., assignor.)
 Air Reduction Company. (See Hasbrouck, David M., assignor.)
 Air Reduction Company. (See Metzger, Floyd J., assignor.)
 Air Reduction Company. (See Metzger, F. J., and Fogg, assignors.)
 Air Reduction Company. (See Ost, William R., assignor.)
 Air Systems Incorporated. (See Burner, James A., assignor.)
 Air-Way Electric Appliance Corporation. (See Child, Lachlan W., assignor.)
 Air-Way Electric Appliance Corporation. (See Mack, Walter L., assignor.)
 Airway Electric Appliance Corporation. (See Riebel, Frederick, jr., assignor.)
 Air-Way Electric Appliance Corporation. (See Riebel, F. jr., and Dow, assignors.)
 Air-Way Electric Appliance Corporation. (See Riebel, F. and Dow, assignors.)
 Air-Way Electric Appliance Corporation. (See Riebel, F. jr., Dow, and Henson, assignors.)
 Air-Way Pump Company. (See Andreasen, Alfred C., assignor.)
 Aitchison, John H. (See Bull, H., and Johnson, assignors.)
 Aitchison, Peter, New Rochelle, assignor to American Bank Note Company, New York, N. Y. Method of and mechanism for cleansing the inked surfaces of engraving plates. 1,927,056; Sept. 19.
 Aitchison, Peter, New Rochelle, F. T. Wood, New York, and A. A. Wittnebel, New Rochelle, assignors to American Bank Note Company, New York, N. Y. Drying printed sheets. 1,925,429; Sept. 5.
 Aitken, Earle M., Los Angeles, Calif. File sharpening method and apparatus. 1,907,196; May 2.
 Aitken, William J., et al. (See Morton, James E., assignor.)
 Aitkenhead, William, Failsworth, England. Flexible harrow or cultivator. 1,905,671; Apr. 25.
 Ajam, Mustafa J., Waltham, assignor to Devon Manufacturing Company, Boston, Mass. Refrigerating apparatus. 1,898,804; Feb. 21.
 Ajax Electric Company. (See Campbell, Donald F., assignor.)
 Ajax Electric Company. (See Millar, William J., assignor.)
 Ajax Electrothermic Corporation. (See Chesnut, Frank T., assignor.)
 Ajax Electrothermic Corporation. (See Clamer, Guillian H., assignor.)
 Ajax Electrothermic Corporation. (See Feehan, Thomas A., assignor.)
 Ajax Electrothermic Corporation. (See Knerr, Horace C., assignor.)
 Ajax Electrothermic Corporation. (See Northrup, Edwin F., assignor.)
 Ajax Electrothermic Corporation. (See Tama, Cyrano, assignor.)
 Ajax Electrothermic Corporation. (See Willcox, Dudley, assignor.)
 Ajax, Erick J., assignor to Dominion Electrical Manufacturing Co., Minneapolis, Minn. Food mixer or the like. Des. 90,794; Oct. 3.
 Ajax Spring Stabilizer Company. (See Ferguson, Warren T., assignor.)
 Ajax Spring Stabilizer Company. (See Ferguson, W. T., and Eisenhauer, assignors.)
 Ajax Spring Stabilizer Company. (See Leighton, Oscar E., assignor.)
 Ajax Spring Stabilizer Company. (See Schlesser, Frederick H., assignor.)
 Ajemian, John, Detroit, Mich. Ventilator. 1,910,584; May 23.
 Akashi, Kaoru, Los Angeles, Calif. Surgical thermometer. 1,903,432; Apr. 11.
 Aker, Floyd J., Newark, N. J., assignor to Eastern Cutter Salvage Corporation. Grinding cutters. 1,931,684; Oct. 24.
 Akers, Bertha B., Chadron, Nebr. Gate operating device. 1,894,549; Jan. 17.
 Akers, Wiley B., San Jacinto, Honduras. Attachment for miner's carbide lamps. 1,925,620; Sept. 5.
 Aki, Shozaburo, Mill Hill, London, England. Brush. 1,904,260; Apr. 18.
 Aki, Shozaburo, Mill Hill, London, and G. Koizumi, London, England. Balloon. 1,912,960; June 6.
 Akizawa, Kuniyoshi, Osaka, Japan. Toothbrush. 1,932,878; Oct. 31.
 Akron Bronze & Aluminum Company, The. (See Ehmann, Henry M., assignor.)
 Akron Lamp Company, The. (See Hoff, Chester A., assignor.)
 Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
 Aktiebolaget Alos. (See Lindgren, Anders G. S., assignor.)
 Aktiebolaget Atlas Diedel. (See Pyk, H. T., and Thege, assignors.)
 Aktiebolaget Birka Regulator. (See Appleberg, Axel O., assignor.)
 Aktiebolaget Birka Regulator. (See Appleberg, Carl W., assignor.)
 Aktiebolaget Birka Regulator. (See Appleberg, C. W., and Borgström, assignors.)
 Aktiebolaget, Facit. (See Carlström, Bengt, assignor.)
 Aktiebolaget Filtrum. (See Bilde, Tord E. D., assignor.)
 Aktiebolaget Formator. (See Granstedt, Erik, assignor.)
 Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
 Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
 Aktiebolaget, Gerh. Arehns Mekaniska Verkstad. (See Örström, Gustaf, assignor.)
 Aktiebolaget Imoindustrie. (See Montelius, Carl O. J., assignor.)
 Aktiebolaget Lavator. (See Roxendorff, Nils P., assignor.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, Alf, assignor.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, Alf J. R., assignor.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, A., and Boestad, assignors.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, A., Horney, and Wahlsten, assignors.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, A., Ljungström, and Eriksson, assignors.)
 Aktiebolaget Ljungströms Ängturbin. (See Lysholm, A., and Wahlsten, assignors.)
 Aktiebolaget Ljungströms Ängturbin. (See Wahlsten, Gosta L. B., assignor.)
 Aktiebolaget Malcus Holmquist. (See Brofelth, Gustav E., assignor.)
 Aktiebolaget Milo. (See Lysholm, Alf, assignor.)
 Aktiebolaget Nomy. (See Janson, Carl G., assignor.)
 Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
 Aktiebolaget Nomy. (See Wallgren, A. G. F., and Janson, assignors.)
 Aktiebolaget Oryg. (See Montgomery, Bo G., assignor.)
 Aktiebolaget Papyrus. (See Wendel, Reinhold M., assignor.)
 Aktiebolaget Separator. (See Lindgren, Hans O., assignor.)
 Aktiebolaget Sigfr. Stenberg & Co. (See Stenberg, Arvid, assignor.)
 Aktiebolaget Spontan. (See Ljungström, Fredrik, assignor.)
 Aktiebolaget Stille Werner. (See Nordin, Josef A., assignor.)
 Aktiebolaget Svenska Fläktfabriken. (See Olsson, J. G. and Stenfors, assignors.)
 Aktiebolaget Svenska Kullagerfabriken. (See Kirner, Josef, assignor.)
 Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Per G., assignor.)
 Aktiebolaget Svenska Kullagerfabriken. (See Rydbeck, Patrik S., assignor.)
 Aktiebolaget Svenska Kullagerfabriken. (See Törnebohm, Hilding V., assignor.)
 Aktiebolaget Svenska Kullagerfabriken. (See Wistrand, Gunnar, assignor.)
 Aktiebolaget Svenska Stötdämparefabriken. (See Everstam, Johan G. and E. A., assignors.)
 Aktiebolaget Traskröv. (See Stenman, Per L., assignor.)
 Aktiebolaget Westerlin & Co. (See Liljebadh, Eric H., assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Aemmer, Fritz, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Baumann, Adolf, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Boveri, T., and Couwenhoven, assignors.)
 Aktiengesellschaft Brown Boveri & Cie. (See Boveri, W., and Leuthold, assignors.)
 Aktiengesellschaft Brown Boveri & Cie. (See Brown, Eric, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Buchhold, Theodor, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Buchhold, T., and Fleischammer, assignors.)
 Aktiengesellschaft Brown Boveri & Cie. (See Buchli, Jacob, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Couwenhoven, Abraham, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Ehrensperger Charles, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Eugster, Emil, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, Arthur, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, A., and Jonas, assignors.)
 Aktiengesellschaft Brown Boveri & Cie. (See Gränzer, Randolph, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Greco, Alfredo, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Hunziker, Emil, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Jonas, Julius, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Keller, Hans, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Keller, Robert, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Kern, Erwin, assignor.)

- Aktiengesellschaft Brown Boveri & Cie. (See Kopelovitch, Jakob, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Kübler, Johannes, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Kutschke, J., and Müller, assignors.)
 Aktiengesellschaft Brown, Boveri and Cie. (See Leonpacher, Josef, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Leuthold, Armin, assignor.)
 Aktiengesellschaft Brown Boveri and Cie. (See Luthi, Walter, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Matthey-Doret, A., and Stoecklin, assignors.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Meyer, Adolf, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Meyer-Delius, Heinrich, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Müller, Alfred E., assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Noack, Walter G., assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Roebel, Ludwig, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Rump, Sigurd, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Schärli, Rudolf, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Schoeni, Walter, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Seitz, Oskar, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Stöcklin, Josef, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Stoecklin, Josef, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Ulrich, Moritz, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Van Rijswijk, Willem, assignor.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Widmer, Stefan, assignor.)
 Aktiengesellschaft Brown Boveri & Cie. (See Widmer, S., and Ehrensperger, assignors.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Zingg, Oskar, assignor.)
 Aktiengesellschaft für Holzveredlung. (See Schlesinger, Georg, assignor.)
 Aktiengesellschaft für Stickstoffdünger. (See Gels, Wilhelm T., assignor.)
 Aktiengesellschaft für Stickstoffdünger. (See Weibezahn, C., and Walter, assignors.)
 Aktieselskabet Per Kure, Norsk-Motor & Dynamofabrik. (See Morseth, Leif, assignor.)
 Alaska Packers Association. (See Perkins, James F., assignor.)
 Albach, Frank, assignor to Fred Medart Manufacturing Company, St. Louis, Mo. Packing or shipping case. 1,907,698; May 9.
 Albach, Frank, assignor to Fred Medart Manufacturing Company, St. Louis, Mo. Wardrobe or locker. 1,908,211; May 9.
 Albach, Frank, assignor to Fred Medart Manufacturing Company, St. Louis, Mo. Basket-ball backstop. 1,919,494; July 25.
 Albach, Frank, and G. R. Chervinka, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Latching mechanism. 1,923,903; Aug. 22.
 Albany Corrugated Container Corp. (See Nuckols, Claude C., assignor.)
 Albany Hardware Specialty Manufacturing Company. (See Whitcomb, Harris M., assignor.)
 Albany Monroe Corporation. (See Quayle, Oliver A., sr.)
 Albee, William H., assignor to Koehler Manufacturing Company, Marlboro, Mass. Detachable cleat. 1,899,300; Feb. 28.
 Albera, Angelo, Concord, Calif., deceased; R. J. Albera, administrator. Power driven rotary brush. 1,926,223; Sept. 12.
 Albera, Robert J., administrator. (See Albera, Angelo.)
 Alberg, Henry, Millstadt, Ill. Safety device for locks. 1,940,782; Dec. 26.
 Albers, Edwin W., Schenectady, N. Y. Locomotive reverse gear. 1,930,636; Oct. 17.
 Albers, Gerhard F., Charleston, S. C. Universal-action electric fan. 1,939,481; Dec. 12.
 Albers, Henry A., Springfield Gardens, N. Y. Process of and composition for removing carbon from internal combustion engines. 1,913,970; June 13.
 Albert, Chester B. (See Mueller, R. H., and Albert.)
 Albert, Edward J., assignor to Thwing Instrument Company, Philadelphia, Pa. Potentiometer device for testing and calibrating meters. 1,912,242; May 30.
 Albert, George G., New York, N. Y. Cementing machine. 1,904,812; Apr. 18.
 Albert, Minnie, Brooklyn, N. Y. Hearing device support. 1,910,875; May 23.
 Albert, Regina H. (See Albert, Russell F., and R. H.)
 Albert, Russell F., and R. H. Louisville, Ky. Cap. 1,909,997; May 23.
 Albertine, Herman, East Rutherford, N. J., assignor to Rogers Products Company, Inc. Lubricating apparatus. 1,905,878; Apr. 25.
 Albertine, Herman, Rutherford, N. J., assignor to Rogers Products Company, Inc. Pressure control valve. 1,940,932; Dec. 26.
 Albertman, Harry. (See Adler, A. A., and Albertman.)
 Albertman, Harry, and J. Sirmay, assignors to Jacquard Knitting Machine Company, Inc., Philadelphia, Pa. Knitting machine. 1,933,542; Nov. 7.
 Alberts, Walter, Duisburg-Ruhrort, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Arch, particularly for use in metallurgical furnaces. 1,904,596; Apr. 18.
 Alberts, Willi, Breslau, Germany. Vehicle headlight. 1,923,181; Aug. 22.
 Albertson & Company. (See Albertson, Frans O., assignor.)
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Casing for a portable electric polisher. Des. 90,008; May 30.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat tool. 1,902,207; Mar. 21.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat ring driver. 1,905,879; Apr. 25.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve grinding machine. 1,909,446; May 16.
 Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Double pole handle switch. 1,931,483; Oct. 24.
 Albertson, John G., Oradell, N. J. Sewage apparatus. 1,920,158; July 25.
 Albertson, William E., assignor of one-half to M. D. Moody, Jacksonville, Fla. Switch. 1,936,535; Nov. 21.
 Albertuswerke Gesellschaft mit beschränkter Haftung. (See Stahn, A., and Berghaus, assignors.)
 Albihi, Harry F., Stockholm, Sweden. Parachute. 1,909,158; May 16.
 Albohr, Peter, Hanover, Germany. Apparatus for the pasteurization of milk. 1,925,475; Sept. 5.
 Albrecht, Arthur, Esslingen-on-the-Neckar, Germany. Drill chuck. 1,926,760; Sept. 12.
 Albrecht, Charles A., East Chicago, Ind. Hedge cutter. 1,897,543; Feb. 14.
 Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing and line casting machine. 1,894,143; Jan. 10.
 Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Wiping mechanism for matrix composing and line casting machines. 1,902,432; Mar. 21.
 Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Matrix composing and line casting machine. 1,907,137; May 2.
 Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Slug galleys for matrix composing and line casting machines. 1,907,138; May 2.
 Albrecht, Eduard. (See Herz, R., Albrecht, and Dereser.)
 Albrecht, George F. (See Banfield, F. E., and Albrecht.)
 Albrecht, Harry. (See Harbour, A. L., and Albrecht.)
 Albrecht, Herbert O., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphates of alkylolamine compounds and their production. 1,936,533; Nov. 21.
 Albrecht, Herbert O., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 1,936,534; Nov. 21.
 Albrecht, John, Kewaunee, Wis. Freeing soil from weeds. 1,935,199; Nov. 14.
 Albrecht, John L., et al. (See Wendling, George M., assignor.)
 Albrecht, Otto. (See Felix, F., and Albrecht.)
 Albright, Andrew, 3d, Maplewood, assignor to Rubber & Celluloid Products Co., Newark, N. J. Colored plastic material and producing the same. 1,898,515; Feb. 21.
 Albright, Ida, administratrix. (See Albright, William.)
 Albright, Joseph C., Cleveland Heights, Ohio, assignor to Bailey Meter Company, piston. 1,908,396; May 9.
 Albright, Joseph C., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Method of and apparatus for controlling the flow of fluids. 1,921,145; Aug. 8.
 Albright, Joseph C., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Pressure measuring device. 1,922,834; Aug. 15.
 Albright, Joseph C., and R. D. Junkins, Cleveland Heights, assignors to Bailey Meter Company, Cleveland, Ohio. Feed water temperature compensator. 1,918,512; July 18.
 Albright, Joseph C., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Differential pressure protective device. 1,934,517; Nov. 7.
 Albright, Victor A. T., Bedford, Ind. Saw teeth. 1,919,352; July 25.
 Albright, Wilhelm, Voorburg, Netherlands, assignor to Radio Corporation of America. Degassing cathodes of electron discharge tubes. 1,895,437; Jan. 31.
 Albright, William, deceased, New York, N. Y., I. Albright, administratrix. Race track starter barrier gate and stall. 1,903,414; Apr. 4.
 Albright, William F., Pittsburgh, Pa. Brush. 1,897,381; Feb. 14.
 Albright & Wilson Limited. (See King, George, assignor.)

- Alco Products Incorporated. (See Harcourt, Guy N., assignor.)
- Alco Products, Incorporated. (See Jacocks, G. T., Chute, and Forbes, assignors.)
- Alco Products, Incorporated. (See Jacocks, G. T., Chute, and Krieg, assignors.)
- Alco Products Incorporated. (See Mahoney, John C., assignor.)
- Alco Products, Incorporated. (See Petty, Earl, assignor.)
- Alco Products, Incorporated. (See Wallis, John S., assignor.)
- Alco Valve Company. (See Shrode, John L., assignor.)
- Alcock, John F., Roundhay, Leeds, England. Change gear control mechanism. 1,940,236; Dec. 19.
- Alcorn, Thomas E. (See Walsh, J. F., Stevens, Flynn, Caprio, and Alcorn.)
- Alcott, James R., Madison, Ill., assignor of one-half to Steadman O. Taylor, Richmond Heights, Mo. Reclaiming car bolsters. 1,900,682; Mar. 7.
- Alcott, Samuel B., Ursina, Pa. Manure spreader. 1,918,680; July 18.
- Aldcroft, Richard B., Los Angeles, Calif. Stencil printing machine. 1,922,341; Aug. 15.
- Aldeborgh, Erik H., assignor to Standard Gage Company, Poughkeepsie, N. Y. Snap gauge. 1,899,253; Feb. 28.
- Aldeborgh, Erik H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Comparator gauge. 1,908,276; May 9.
- Aldeborgh, Erik H., P. D. Ritchey, L. G. Speelman, and C. E. Ruf, assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Projection indicator measuring instrument. 1,928,001; Sept. 26.
- Aldeborgh, Erik H., and C. E. Ruf, assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Dial indicator gauge. 1,937,936; Dec. 5.
- Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Hinge. 1,901,072; Mar. 14.
- Aldeen, Gedor W., assignor to Fyrac Manufacturing Co., Rockford, Ill. Glass cutter. 1,927,865; Sept. 26.
- Alden, Carroll R., assignor, by mesne assignments, to Whitman & Barnes, Inc., Detroit, Mich. Tool retainer. 1,910,275; May 23.
- Alden, Charles A., Steelton, Pa., assignor to Bethlehem Steel Company, Buff. 1,907,699; May 9.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, San Francisco, Calif. Service station. Des. 90,468; Aug. 15.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, San Francisco, Calif. Service station. Des. 90,469; Aug. 15.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, San Francisco, Calif. Service station. Des. 90,611; Aug. 29.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, of San Francisco, Calif. Service station. Des. 90,642; Sept. 12.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, San Francisco, Calif. Service station. Des. 90,693; Sept. 19.
- Alden, Herbert O., Oakland, assignor to Shell Oil Company, San Francisco, Calif. Service station. Des. 90,829; Oct. 10.
- Alden, Herbert W., Detroit, Mich. Endless track for tractors. 1,913,098; June 6.
- Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle. 1,935,602; Nov. 21.
- Alden, John L., La Grange, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 1,897,566; Feb. 14.
- Alden, John L., LaGrange, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Wire drawing apparatus. 1,918,237; July 18.
- Alden, John L., Wyncote, Pa., and C. J. McCarthy, East Orange, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Comparing time mechanisms. 1,905,778; Apr. 25.
- Alden, Milton, Brockton, Mass., assignor, by mesne assignments, to Radio Inventions, Inc. Remote controlled radio reception. 1,930,029; Oct. 10.
- Alden, Milton, Brockton, Mass. Indicating fuse plug. 1,930,332; Oct. 10.
- Alden, Milton, Springfield, Mass., assignor, by mesne assignments, to Radio Inventions, Inc. Socket for vacuum tubes. 1,936,320; Nov. 21.
- Alder, William F., Los Angeles, assignor to R. P. Merritt, Fresno, Calif. Transformer choked coil amplifier circuit. 1,925,224; Sept. 5.
- Alderfer, Sterling W., Fairlawn, Ohio. Reel core and making the same. 1,927,197; Sept. 19.
- Alderman, George D., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,906,503; May 2.
- Alderson, Frederick J., assignor of one-half to John McArthur Patrick, Kingston, Ontario, Canada. Incandescent lamp. 1,895,143; Jan. 24.
- Alderson, Herbert J., Toronto, Ontario, Canada. Aircraft. 1,918,204; July 11.
- Alderson, Herbert J., Toronto, assignor of one-half to J. Legge, Lampton Park, Ontario, Canada. Bearing construction. 1,930,118; Oct. 10.
- Aldinger, Otto. (See Müller, Louis, assignor.)
- Aldon Company, The. (See Roe, Emil W. K., assignor.)
- Aldrich, Alonzo, deceased, Beloit, Wis., L. J. A. Neese and E. H. Neese executors, and E. E. Berry; said Aldrich and said Berry assignors to Beloit Iron Works, Beloit, Wis. Shake mechanism for paper making machines. 1,917,288; July 11.
- Aldrich, Alonzo, and E. E. Berry, assignors to Beloit Iron Works, Beloit, Wis. Paper making machine. 1,917,287; July 11.
- Aldrich, Carl G., Medford, Mass. Headlight and attachment therefor. 1,911,337; May 30.
- Aldrich, John P., Toledo, Ohio. Machine for making and filling packages. 1,937,501; Dec. 5.
- Aldrich, Loyd I., assignor, by mesne assignments, to Preferred Oil Burners, Inc., Peoria, Ill. Safety control mechanism for liquid fuel burners. 1,893,875; Jan. 10.
- Aldrich, Loyd I., assignor to Hart Oil Burner Corporation, Peoria, Ill. Fuel burning device. 1,935,221; Nov. 14.
- Aldrich, Ralph N., assignor to Standard Stations, Inc., San Francisco, Calif. Building. Des. 88,947; Jan. 10.
- Aldrich, Ralph N., assignor to Standard Stations, Inc., San Francisco, Calif. Combined building column and display case. Des. 89,607; Apr. 18.
- Aldrich, Ralph N., assignor to Standard Stations, Inc., San Francisco, Calif. Combined building column and display case. Des. 89,608; Apr. 18.
- Aldrich, Ralph N., assignor to Standard Stations, Inc., San Francisco, Calif. Combined building column and display case. Des. 89,609; Apr. 18.
- Aldrich, Roger W., et al., executor. (See Kaltenbach, Charles E.)
- Aldrich, Truman H., Jr., Birmingham, Ala. Concentrating ores and other mineral aggregates. 1,921,306; Aug. 8.
- Aldrich, William O., assignor to Whitin Machine Works, Whitinsville, Mass. Retaining device for twister spindles. 1,898,115; Feb. 21.
- Aldridge, Blair G. (See Gard, E. W., Aldridge, and Subkow.)
- Alemany, Alejandro C., Agres, Spain. Wrench. 1,915,396; June 27.
- Alemite Corporation. (See Becker, Julius H., assignor.)
- Alemite Corporation. (See Bystricky, Joseph, assignor.)
- Alemite Corporation. (See Davis, Ernest W., assignor.)
- Alemite Corporation. (See Ericson, G. R., and Wheeler, assignors.)
- Alemite Corporation. (See Fesler, Douglas F., assignor.)
- Alemite Corporation. (See Locke, S. D., Dosch, and Stegeman, assignors.)
- Alemite Corporation. (See Moore, George L., assignor.)
- Alemite Corporation. (See Morse, N. W., assignor.)
- Alemite Corporation. (See Murphy, Howard J., assignor.)
- Alemite Corporation. (See Otis, Joseph E., Jr., assignor.)
- Alemite Corporation. (See Raiser, Charles F., assignor.)
- Alemite Corporation. (See Reader, Allan W., assignor.)
- Alemite Corporation. (See Snodgrass, John L., assignor.)
- Alemite Corporation. (See Thomas, George F., assignor.)
- Alemite Corporation. (See Thomas, G. F., and Herb, assignors.)
- Alemite Corporation. (See Upham, Preston, assignor.)
- Alemite Corporation. (See Zerk Oscar U., assignor.)
- Alessi, Anthony, assignor to Selecto Light, Inc., Paterson, N. J. Vehicle lamp. Des. 89,293; Feb. 21.
- Alessi, Fred, Wood-Ridge, N. J. Nautical precision instrument. 1,893,925; Jan. 10.
- Alex, Max, Alhambra, Calif., assignor to York Water Corporation, Ltd. Stand for bottled water or the like. Des. 89,526; Mar. 21.
- Alex, Max, Alhambra, Calif., assignor to York Water Corporation, Ltd. Olla shell. Des. 89,667; Apr. 18.
- Alex, Max, Alhambra, Calif., assignor to York Water Corporation, Ltd. Water cooler. 1,930,947; Oct. 17.
- Alexander, Charlton A., St. Louis, Mo., assignor to J. Robinson, Santa Monica, Calif. Centering device. 1,929,134; Oct. 3.
- Alexander, Clinton B., Washington, D. C. Connector for repairing metallic measuring tapes. 1,906,128; Apr. 25.
- Alexander, Egbert, Los Angeles, Calif. Dispensing device. 1,901,487; Mar. 14.
- Alexander, Gustaf, Chicago, Ill. Building structure. 1,906,040; Apr. 25.
- Alexander, Harry H., deceased, Westfield, and A. W. Carroll; H. L. Wheeler, Jr., Elizabeth, N. J., executor, assignor to said Harry H. Alexander. Metallurgy of copper. 1,903,497; Apr. 11.
- Alexander, Harry S., and F. B. Pfeiffer, Akron, and J. W. White, Barberton, Ohio, assignors to Seiberling Rubber Company. Bias cutting machine. 1,895,274; Jan. 24.
- Alexander, Harvey B., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Delay cap. 1,924,342; Aug. 29.
- Alexander, James H., Refugio, Tex. Choke. 1,938,475; Dec. 5.
- Alexander, Jesse, assignor of one-half to W. W. Payne, Los Angeles, Calif. Carriage construction. 1,893,488; Jan. 10.
- Alexander, Johan W. (See van der Pol, B., and Alexander.)
- Alexander, Joseph P., Pensacola, Fla., assignor, by mesne assignments, to Newport Industries, Inc. Container top. 1,913,652; June 13.
- Alexander, Louis A., Toledo, Ohio. Thread cutting tool. 1,918,581; July 18.

- Alexander, Paul E., Tacoma Park, Md. Collar support. 1,899,602; Feb. 28.
- Alexander, Peter P., Marblehead, Mass., assignor to General Electric Company. Automatic arc welding apparatus. 1,920,734; Aug. 1.
- Alexander, Robert L., and J. R. McCallum, assignors to The Climax Engineering Company, Clinton, Iowa. Compression unit for refrigerating systems. 1,925,166; Sept. 5.
- Alexander, Robert W., Johannesburg, Transvaal, Union of South Africa. Trolley and the like for conducting electric current from cables to the motors of vehicles. 1,925,741; Sept. 5.
- Alexander, Roy W., Newark, N. J. Straining attachment for pans and kettles. 1,916,710; July 4.
- Alexander, Sidney H. (See Peroni, J. H., and Alexander, assignors.)
- Alexander, William, Glasgow, Scotland. Centrifugal separator. 1,898,608; Feb. 21.
- Alexander, William, Glasgow, Scotland. Centrifugal separator. 1,905,779; Apr. 25.
- Alexander, William D., U. S. Army. Plotting instrument. 1,933,835; Nov. 7.
- Alexanderson, Ernst F. W. (See Hammond, J. H., Jr., and Alexanderson.)
- Alexanderson, Ernst F. W. (See Nixdorff, S. P., and Alexanderson.)
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electrical system. 1,896,534; Feb. 7.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Indicating system for aircraft. 1,907,471; May 9.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Indicating altitude from aircraft. 1,913,148; June 6.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. System of electric power transmission. 1,917,081; July 4.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electrical transmission system. 1,921,718; Aug. 8.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Television apparatus. 1,935,427; Nov. 14.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,937,377; Nov. 28.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Sound-motion picture producer. 1,937,378; Nov. 28.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,939,428; Dec. 12.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,939,429; Dec. 12.
- Alexanderson, Ernst F. W., Schenectady, and R. D. Kell, Scotia, N. Y., assignors to General Electric Company. Amplifying electrical impulses. 1,906,441; May 2.
- Alexanderson, Ernst F. W., P. L. Alger, and S. P. Nixdorff, Schenectady, N. Y., assignors to General Electric Company. System of electric power transmission. 1,917,032; July 4.
- Alexanderson, Harald V., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Switching arrangement for compensating voltage variations. 1,928,521; Sept. 26.
- Alfaro, Heracilio, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative-winged aircraft. 1,908,212; May 9.
- Alfthan, Johannes, Arlington, and C. A. Lofhjelm, Kearny, N. J., assignors to Du Pont Viscoid Company, Wilmington, Del. Roller. 1,915,043; June 20.
- Algemeene Kunstzide Unie, N. V. (See Vles, Samuel I., assignor.)
- Algemeene Vereeniging Van Rubberplanters ter Oostkust Sumatra. (See Van Harpen, Nicolaas H., assignor.)
- Algeo, Albert M., Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass feeder. 1,926,024; Sept. 12.
- Algeo, Albert M., and G. R. Haub, Washington, Pa., assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass forming machine. 1,911,870; May 30.
- Algeo, John S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 90,934; Oct. 31.
- Alger, Arthur P., Oneida, N. Y. Door for silos. 1,936,568; Nov. 28.
- Alger, Don L., Avalon, Calif. Amusement device. 1,893,121; Jan. 3.
- Alger, Fern R., Kansas City, Mo. Air conditioning apparatus. 1,922,790; Aug. 15.
- Alger, Harley C., and P. A. Frazier, assignors to R. R. Donnelley & Sons Company, Chicago, Ill. Machine for binding books. 1,931,244; Oct. 17.
- Alger, Philip L. (See Alexanderson, E. F. W., Alger, and Nixdorff.)
- Alger, Philip L., Schenectady, N. Y., assignor to General Electric Company. Multispeed synchronous dynamoelectric machines. Re18,811; May 2.
- Alimena, Samuel, and W. Naumann, Scranton, Pa. Sliding hair and wave clip. 1,900,970; Mar. 14.
- Alix, Louis, Geneva, Switzerland. Wrist-watch case. 1,907,700; May 9.
- Aljinovich, Angelo. (See Saeder, Alvin, assignor.)
- Allain, Henry M., Acushnet, Mass., assignor, by mesne assignments, to A. H. Rice Company. Cutting mechanism for thread spools. 1,908,005; May 9.
- Allan, Hugh L., Syriam, Burmah, British India, assignor to The Burmah Oil Company Limited, Glasgow, Scotland. Wax sweating plant. 1,918,009; July 11.
- Allan, John G., Detroit, Mich. Indicator attachment. 1,934,395; Nov. 7.
- Allan, Walter J., Dallas, Tex. Separating cotton lint and extraneous matter. 1,927,817; Sept. 26.
- Allan, William T., Shotts, Scotland. Metal reinforcement for highways construction. 1,893,387; Jan. 3.
- Allard, Robert M., assignor to Armstrong Cork Company, Lancaster, Pa. Hide separator and making same. 1,940,480; Dec. 19.
- Allbright, John W., Riverside, Calif. Carburetor. 1,913,321; June 6.
- Allbright-Nell Company. (See Allbright, Norman J., assignor.)
- Allbright, Norman J., Chicago, Ill., assignor to The Allbright-Nell Company. Hydraulic curb press. 1,898,116; Feb. 21.
- Alcock, Harry B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,914,552; June 20.
- Aldridge, Reginald S., Harrow, assignor to Raycol British Corporation Limited, London, England. Cinematograph camera. 1,916,131; June 27.
- Aldridge, Reginald S., Harrow, assignor to Raycol British Corporation Limited, London, England. Cinematograph camera. 1,916,132; June 27.
- Allee, Herbert D., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 1,899,928; Mar. 7.
- Allegheny Steel Company. (See Detwiler, William F., assignor.)
- Allegheny Steel Company. (See Fink, Colin G., assignor.)
- Allegheny Steel Company. (See McCulloch, John, assignor.)
- Allegheny Steel Company. (See Musheno, Fred G., assignor.)
- Allegheny Steel Company. (See Otte, Otho M., assignor.)
- Allegheny Steel Company. (See Ponce, Lucien G., assignor.)
- Allegheny Steel Company. (See Satler, Louis L., assignor.)
- Allegheny Steel Company. (See Schulte, Louis, assignor.)
- Alleman, Gellert, Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Purifying fatty acid derivatives of mineral oil. 1,931,855; Oct. 24.
- Alleman, Gellert, Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Fuel for internal combustion engines. 1,940,439; Dec. 19.
- Alleman, Gellert, Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Operation of internal combustion engines. 1,940,440; Dec. 19.
- Altmann, Otto, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye of the naphtho-phenzine series and making it. 1,908,099; May 9.
- Allen, Albert, Winchester, assignor, by mesne assignments, to Atlantic Precision Instrument Company, Boston, Mass. Measuring material taken up by a treated web. 1,895,118; Jan. 24.
- Allen, Albert, Winchester, assignor to Atlantic Precision Instrument Company, Malden, Mass. Measuring and indicating properties of conductors. 1,924,037; Aug. 29.
- Allen, Albert M., Lakewood, Ohio. Kitchen utensil. 1,908,806; May 16.
- Allen, Albert S., Yonkers, N. Y., and A. Michalske, Cleveland, Ohio. Separating carbon dioxide from a gas mixture. 1,934,472; Nov. 7.
- Allen, Alexander, Providence, R. I. Towel cabinet and towel pack therefor. 1,905,206; Apr. 25.
- Allen, Andrew B., Lockland, Ohio. Pipe wrench. 1,896,437; Feb. 7.
- Allen, Arthur P., San Mateo, Calif. Fireproofing wood, vegetable fibrous materials, and textile fabrics. 1,926,253; Sept. 12.
- Allen, Arthur W., Des Moines, Iowa. Material mixing machine. 1,918,234; July 18.
- Allen-Bradley Company. (See Bradley, Harry L., assignor.)
- Allen-Bradley Company. (See Bradley, Lynde, assignor.)
- Allen-Bradley Company. (See Freeburg, Walter S., assignor.)
- Allen-Bradley Company. (See Lehman, William O., assignor.)
- Allen-Bradley Company. (See Mattern, Raymond P., assignor.)
- Allen-Bradley Company. (See Matthias, Lynn H., assignor.)
- Allen-Bradley Company. (See Megow, George E., assignor.)
- Allen-Bradley Company. (See Petersen, Hans, assignor.)
- Allen-Bradley Company. (See Pfeifer, Walter S., assignor.)
- Allen-Bradley Company. (See Power, L. E., and Bradley, assignors.)
- Allen-Bradley Company. (See Wilms, Gustav O., assignor.)

- Allen, Charles B., assignor to The Ohio Injector Company, Wadsworth, Ohio. Double top boiler check and stop valve. 1,923,029; Aug. 15.
- Allen, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Reclaiming film scrap. 1,897,878; Feb. 14.
- Allen, Charles F., and S. Smith, assignors, by mesne assignments, of one-third to said Allen and one-third to said Smith, Fort Worth, and one-third to J. Pratt Irby, Dallas, Tex. Container for food products. 1,932,169; Oct. 24.
- Allen, Charles M. (See Hanafin, Maurice C., assignor.)
- Allen, Charles R., Collingswood, N. J. Lifting jack attachment. 1,939,533; Dec. 12.
- Allen, Chauncey D., Philadelphia, Pa., assignor to Consolidated Ashcroft Hancock Company, Inc., New York, N. Y. Feed indicating self-closing adjustable oil cup. 1,938,476; Dec. 5.
- Allen, Clarence. (See Melin, Otto, assignor.)
- Allen, Cille C., assignor to American Optical Company, Southbridge, Mass. Lens marking machine. 1,931,477; Oct. 24.
- Allen-Drew Co. (See Allen, Earle F., assignor.)
- Allen, Earl D., Spokane, Wash. Combined electric lamp and picture frame. Des. 90,222; July 4.
- Allen, Earl D., Spokane, Wash. Combined electric lamp and picture frame. Des. 90,223; July 4.
- Allen, Earl D., Spokane, Wash. Picture frame or similar article. Des. 90,224; July 4.
- Allen, Earl D., Spokane, Wash. Picture frame or similar article. Des. 90,225; July 4.
- Allen, Earl D., Spokane, Wash. Combined electric lamp and picture frame. Des. 90,226; July 4.
- Allen, Earl M., and C. A. Brooks, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 1,929,047; Oct. 3.
- Allen, Earle F., assignor to Allen-Drew Co., Cambridge, Mass. Show window. 1,908,879; May 16.
- Allen, Edward B., Newtown, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-cutting mechanism for sewing machines. 1,930,637; Oct. 17.
- Allen, Edward B., Newtown, and W. Myers, Bridgeport, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Stop-motion device. 1,915,910; June 27.
- Allen, Edward M. (See Lynn, G., Allen, and Beecher.)
- Allen, Edwin H., assignor to Highway Trailer Company, Edgerton, Wis. Safety device for semitrailers. 1,937,214; Nov. 28.
- Allen, Edwin H., and G. H. Connors, assignors to Highway Trailer Company, Edgerton, Wis. Adjustable drawbar. 1,923,904; Aug. 22.
- Allen, Ernest C., Rochester, N. Y. Receptacle support. 1,906,220; May 2.
- Allen, Ernest M., jr., assignor to The Marshall & Bruce Company, Nashville, Tenn. Ratchet lock for record binders. 1,930,705; Oct. 17.
- Allen, Frank B., Lower Marion Township, Montgomery County, Pa., assignor to The Allen-Sherman-Hoff Company. Sump water level control. 1,911,737; May 30.
- Allen, Frank B., Lower Merion Township, Philadelphia County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Furnace ash grinder and remover. 1,912,336; May 30.
- Allen, Frank B., Lower Merion Township, Montgomery County, assignor, by mesne assignments, to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Method and apparatus for handling molten materials. 1,916,402; July 4.
- Allen, Frederick C., assignor to The Henry & Wright Manufacturing Company, Hartford, Conn. Drill press. 1,894,214; Jan. 10.
- Allen, Frederick G., New Haven, Conn. Tire tool. 1,936,817; Nov. 28.
- Allen, Frederick W. (See Malluk, A. M., and Allen.)
- Allen Free-Wheeling Corporation. (See Law, Otis E., assignor.)
- Allen, George, jr., New York, N. Y., and F. C. Simpson, West Somerville, Mass., assignors to George Allen & Son, New York, N. Y. Furnace setting. 1,936,151; Nov. 21.
- Allen, George, & Son. (See Allen, G., jr., and Simpson, assignors.)
- Allen, George A., Montebello, Calif. Cable winding drum or sheave. 1,927,673; Sept. 19.
- Allen, George W., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Clamp. 1,912,114; May 30.
- Allen, George W., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Lead-in device. 1,912,115; May 30.
- Allen, George W., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Vacuum cleaner. 1,916,353; July 4.
- Allen, George W., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Hose connector for vacuum cleaners. 1,920,621; Aug. 1.
- Allen, George W., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Mounting for tubular handles. 1,932,126; Oct. 24.
- Allen, Grosvenor N., and C. A. Bennett, assignors to Oneida Community Limited, Oneida, N. Y. Pot or similar article. Des. 89,235; Feb. 7.
- Allen, Grosvenor N., M. G. Parker and L. E. Ressegger, assignors to Oneida Community Limited, Oneida, N. Y. Spoon or similar article. Des. 90,864; Oct. 17.
- Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy vacuum cleaner. 1,933,501; Oct. 31.
- Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy vacuum sweeper. 1,935,172; Nov. 14.
- Allen, Harry L., assignor to The Bruce-Macbeth Engine Company, Cleveland, Ohio. Cleaning and cooling gas scrubbing water and apparatus therefor. 1,923,135; Aug. 22.
- Allen, Henry H., Huntington Bay, N. Y., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag. Re18,905; Aug. 1.
- Allen, Herbert. (See Abercrombie, J. S., Tennant, and Allen.)
- Allen, Horace L. (See Carley, L. R., Scott, and Allen.)
- Allen, Horace R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,133; Dec. 26.
- Allen, Horace R., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 1,941,136; Dec. 26.
- Allen, Howard G. (See Bliss, H. R., and Allen.)
- Allen, Howard G., assignor to H. R. Bliss Company, Inc., Niagara Falls, N. Y. Hand stitching tool. 1,900,683; Mar. 7.
- Allen, Howard G., Niagara Falls, N. Y., and F. W. Kucklinsky, Montclair, N. J., assignors to H. R. Bliss Company, Inc., Niagara Falls, N. Y. Gluing and sealing machine for shipping cases. 1,922,412; Aug. 15.
- Allen, Howard G., Niagara Falls, and J. H. Bliss, New York, assignors to H. R. Bliss Company, Inc., Niagara Falls, N. Y. Stitching machine. 1,927,482; Sept. 19.
- Allen, Hugh E., Schenectady, N. Y., assignor to General Electric Company, Control device. 1,908,213; May 9.
- Allen, Hugh E., Chicago, assignor of one-half to A. G. McCaleb, Evanston, Ill. Dry natural fruit flavoring material. 1,915,911; June 27.
- Allen, Ivan, Atlanta, Ga. Folder. 1,895,960; Jan. 31.
- Allen, John E., and J. L. McDonald, Burlingame, Calif. Incinerator. 1,906,923; May 2.
- Allen, John M., Toronto, Ontario, Canada, assignor to Scott & Williams, Incorporated, New York, N. Y. Seamless hosiery and making same. 1,904,036; Apr. 18.
- Allen, Joseph H., Alhambra, Calif. Toilet paper holder. 1,913,363; June 13.
- Allen, Joseph H., assignor to Inland Glass Works, Inc., Chicago, Ill. Lighting fixture. 1,912,116; May 30.
- Allen, Joseph H., assignor to Inland Glass Works, Inc., Chicago, Ill. Display device. 1,912,117; May 30.
- Allen, Joseph H., assignor to Inland Glass Works, Inc., Chicago, Ill. Advertising device. 1,912,118; May 30.
- Allen, Joseph H., assignor to Inland Glass Works, Inc., Chicago, Ill. Lamp shade. 1,912,119; May 30.
- Allen, Joseph H., assignor to Inland Glass Works, Inc., Chicago, Ill. Lamp shade. 1,912,120; May 30.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Switch controlling mechanism. 1,920,135; July 25.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 1,921,719; Aug. 8.
- Allen, Joseph W., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Switch mechanism. 1,928,846; Oct. 3.
- Allen, Joseph W., and E. F. Obley, Clairton, Pa. Conveyor. 1,933,404; Oct. 31.
- Allen, Lavont C. (See Jennings, C. S., and Allen.)
- Allen, Lavont C., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 1,905,025; Apr. 25.
- Allen, Lavont C., assignor to The Lamson Company, Syracuse, N. Y. Deflector mechanism. 1,909,481; May 16.
- Allen, Lavont C., assignor to The Lamson Company, Syracuse, N. Y. Vertical conveyor. 1,911,984; May 30.
- Allen, Lavont C., assignor to The Lamson Company, Syracuse, N. Y. Conveyor. 1,919,495; July 25.
- Allen, Lawrence H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,901,944; Mar. 21.
- Allen, Lee E. (See Lockhart, C. B., and Allen.)
- Allen-Liversidge Limited. (See Stephenson, Arthur, assignor.)
- Allen Manufacturing Company, The. (See Flynn, Michael H., assignor.)
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for treating plastic material and timing mechanism therefor. 1,932,200; Oct. 24.
- Allen, Robert M., New York, N. Y. Easel for displaying placards or the like. Des. 90,905; Oct. 24.
- Allen, Russell G. (See Lufkin, G., and Allen.)
- Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Charge severing mechanism. 1,897,993; Feb. 21.
- Allen, S. L., & Co. (See Haagen, Charles W., assignor.)
- Allen, Scott E., Los Angeles, Calif., assignor, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Fire detecting and extinguishing system. 1,930,670; Oct. 17.
- Allen, Scott E., and O. N. Wiswell, Los Angeles, Calif., assignors, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Leak tester for gas containers. 1,926,474; Sept. 12.

- Allen, Scott E., and O. N. Wiswell, Los Angeles, Calif., assignors, by mesne assignments, to C-O-Two Fire Equipment Company, Newark, N. J. Electrically controlled actuating device. 1,933,694; Nov. 7.
- Allen-Sherman-Hoff Company, The. (See Allen, Frank B., assignor.)
- Allen-Sherman-Hoff Company, The. (See Fry, John J., assignor.)
- Allen-Sherman-Hoff Company. (See Hoff, Leigh P., assignor.)
- Allen-Sherman-Hoff Company, The. (See Mylting, Lauritz E., assignor.)
- Allen-Sherman-Hoff Company, The. (See Rome, Jacob, assignor.)
- Allen, Sherman T., Beverly Hills, Calif. Lock and latch. 1,919,763; July 25.
- Allen, Stratford B., Arlington, assignor to Everett E. Kent, Newton, Mass. Actuated figure. 1,919,188; July 25.
- Allen, Stuart W., Warwick, R. I., assignor to Drake Non-Clinkering Furnace Block Company, Inc., New York, N. Y. Boiler furnace. 1,907,940; May 9.
- Allen, Thomas D., New York, N. Y. Irrigating device. 1,918,681; July 18.
- Allen, W. D., Manufacturing Company. (See Meng, Harry E., assignor.)
- Allen, Wallace T. (See Jackson, J. G., and Allen.)
- Allen, William D., Evansville, Ind. Angle detector. 1,901,793; Mar. 14.
- Allen, William D., Kosse, Tex. Automatic nozzle or faucet. 1,903,605; Apr. 11.
- Allen, William H. (See Ritchie, C. F. Gale, and Allen.)
- Allen, William H., C. F. Ritchie, and W. A. Gale, assignors to American Potash & Chemical Corporation, Trona, Calif. Vaporizing apparatus and means for controlling the vapor pressure thereof. 1,909,447; May 16.
- Allen, William H., W. A. Gale, and C. F. Ritchie, assignors to American Potash & Chemical Corporation, Trona, Calif. Manufacture of sodium carbonate monohydrate. 1,937,937; Dec. 5.
- Allen, William O., Glendale, Ky. Display device. 1,901,717; Mar. 14.
- Allen, William R., Shaker Heights Village, Ohio, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Numbering attachment for printing machines. 1,920,232; Aug. 1.
- Allen, William W. (See Mills, L. E., and Allen.)
- Allen, William W., Aldan, and A. L. Grammer, Meadowbrook, Pa. Opposing offset in printing. 1,927,381; Sept. 19.
- Allendorff, Fritz, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Interrupter for ignition devices. 1,903,641; Apr. 11.
- Allendorff, Fritz, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo-electric ignition apparatus. 1,905,580; Apr. 25.
- Allendorff, Fritz, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electrical machine. 1,915,712; June 27.
- Allendorff, Fritz, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Snapper coupling for magnets. 1,925,621; Sept. 5.
- Allendorff, Fritz, and K. Schweizer, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Interrupter for ignition apparatus. 1,935,465; Nov. 14.
- Allentown National Bank, executor. (See Kinyon, Alonzo G.)
- Allering, Cletus N., Metropolis, Ill. Folding table. 1,901,887; Mar. 21.
- Alles, Gordon A., Monterey Park, Calif. Isolating α -aryl- β -amino-ethanols and compounds so obtained. 1,931,123; Oct. 17.
- Alley, John D., Pittsburgh, Pa., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Lining for casting mold cavities. 1,901,427; Mar. 14.
- Alley, John D., Pittsburgh, Pa., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Making linings for casting mold cavities. 1,924,267; Aug. 29.
- All Fair Incorporated. (See Anderson, Frohman, assignor.)
- Allfree, Edwin H., Ironton, Ohio. Conveyor. 1,935,106; Nov. 14.
- Allgier, Frederick W., Lakewood, assignor to The Leonard Electric Mfg. Company, Cleveland, Ohio. Fuse tightener. 1,916,711; July 4.
- Allgemeine Elektrizitäts-Gesellschaft. (See Bähler, Justus, assignor.)
- Allgemeine Elektrizitäts-Gesellschaft. (See Kleinow, Walter, assignor.)
- Allgemeine Elektrizitäts-Gesellschaft et al. (See Stein, T., and Wünsch, assignors.)
- Allgemeine Elektrizitäts Gesellschaft, Friedrich Karl. (See Stablen, Wilhelm, assignor.)
- Allgrunn, Carl G. (See Knapp, E., and Allgrunn.)
- Allgrunn, Kenneth L., Rochester, N. Y., assignor to The Sight Feed Generator Company, West Alexandria, Ohio. Acetylene generator. 1,915,349; June 27.
- Alliance Machine Company, The. (See Harry, R. J., and Shutt, assignors.)
- Allied Process Corporation. (See Smith, Walter C., assignor.)
- Allied Products Corporation. (See Richard, Clement C., assignor.)
- Allin, Edwin F., Oklahoma City, Okla., assignor to American Hard Rubber Company, New York, N. Y. Comb. 1,904,705; Apr. 18.
- Allin, Matthew C. (See Robertson, R. M., and Allin.)
- Allington, William E., Saginaw, Mich. Wood-waste feeding system. 1,905,781; Apr. 25.
- Allinson, John J. (See Davis, L. L., Henriksen, and Allinson.)
- Alliott, Eustace A., Amersham, England. Leaf filter. 1,919,085; July 18.
- Allis-Chalmers Manufacturing Company. (See Ballentine, W. I., and Knapp, assignors.)
- Allis-Chalmers Manufacturing Company. (See Becker, G. D., and Newhouse, assignors.)
- Allis-Chalmers Manufacturing Company. (See Clapper, J. S., and Ross, assignors.)
- Allis-Chalmers Manufacturing Company. (See Flueller, Alfred K., assignor.)
- Allis-Chalmers Manufacturing Company. (See Furnas, William C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Grow, John H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Heermans, Thomas M., assignor.)
- Allis-Chalmers Manufacturing Company. (See Hill, Lealand H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Hinds, Orville J., assignor.)
- Allis-Chalmers Manufacturing Company. (See Hodtum, Joseph B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Mainland, John, assignor.)
- Allis-Chalmers Manufacturing Company. (See Mainland, J., and Nyberg, assignors.)
- Allis-Chalmers Manufacturing Company. (See Marples, Derek B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Martin, Charles R., assignor.)
- Allis-Chalmers Manufacturing Company. (See McClinck, William E., assignor.)
- Allis-Chalmers Manufacturing Company. (See Mortensen, Soren H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Naef, Otto, assignor.)
- Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Nichols, Louis C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Norelius, Emil F., assignor.)
- Allis-Chalmers Manufacturing Company. (See Nye, Henry V., assignor.)
- Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)
- Allis-Chalmers Manufacturing Company. (See Powell, John P., assignor.)
- Allis-Chalmers Manufacturing Company. (See Powell, William H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Ring, Joseph J., assignor.)
- Allis-Chalmers Manufacturing Company. (See Ringland, George L., assignor.)
- Allis-Chalmers Manufacturing Company. (See Sealey, William C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Sprado, Carl G., assignor.)
- Allis-Chalmers Manufacturing Company. (See Strehlow, Walter F., assignor.)
- Allis-Chalmers Manufacturing Company. (See Taylor, Charles B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Tucker, William B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
- Allis, Louis, Company, The. (See Barr, John M., assignor.)
- Allis, Louis, Company, The. (See Smith, Harold L., assignor.)
- Allis, Louis, Company, The. (See Smith, H. L., Rathbun, and Forman, assignors.)
- Allison, Charles F., Hegewisch, assignor to B. F. Gump Co., Chicago, Ill. Bag closing device. 1,911,136; May 23.
- Allison, Charles F., assignor to B. F. Gump Co., Chicago, Ill. Mechanism for collapsing necks of paper bags. 1,931,280; Oct. 17.
- Allison, Franklin H., jr. (See Becker, R. C., and Allison.)
- Allison, Gustave, Perth Amboy, N. J. Machine for cleaning motion picture films. 1,933,084; Oct. 31.
- Allison, John, Swissvale, assignor to Pittsburgh Steel Foundry Corporation, Glassport, Pa. Car truck center bearing. 1,912,563; June 6.
- Allison, Lowell M., Belmont, Mass. Bow for stringed musical instruments. 1,912,961; June 6.
- Allison, Malcolm G., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collection apparatus. 1,910,978; May 23.
- Allison, Roger M., Milwaukee, Wis. Indirect luminous tube illumination. 1,939,288; Dec. 12.
- Allison, William F., sr., Strong City, Kans. Sign. 1,906,504; May 2.

- Allison, William H., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for the manufacturing of plate glass blanks and the article produced thereby. 1,895,362; Jan. 24.
- Allison, William H., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing plate glass. 1,895,363; Jan. 24.
- Allith-Prouty Company. (See Scott, John E., assignor.)
- Allith-Prouty Company. (See Willard, Donald E., assignor.)
- Allman, Wilsie J., Kansas City, Mo. Conveyor track. 1,932,501; Oct. 31.
- Allmanna Svenska Elektriska Aktiebolaget. (See Dreyfus, Ludwig, assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Ugglä, Wilhelm R., assignor.)
- Allmanna Svenska Elektriska Aktiebolaget. (See Ytterberg, Arle, assignor.)
- Allmänna Svenska Elektriska Aktiebolaget. (See Dreyfus, Ludvig A., assignor.)
- Alloy Products Corporation. (See Wachowitz, Walter J., assignor.)
- Alloy Research Corporation. (See Arness, William B., assignor.)
- Alloy Research Corporation. (See Feild, Alexander L., assignor.)
- Alloy Steel & Metals Company of California. (See Francis, Paul R., assignor.)
- Alfred, George W., Mayodan, N. C. Plug fuse. 1,936,004; Nov. 21.
- Alfred, William R., Los Angeles, Calif. Gasoline tank closure. 1,925,079; Sept. 5.
- All-Steel-Equip Company. (See Knell, John, assignor.)
- Allsworth, Terrence W., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet guide and scrap dumper. 1,925,915; Sept. 5.
- Allsworth, Terrence W., H. Abbott, Middletown, and L. Bruder, Cincinnati, Ohio. Truck mechanism. 1,931,746; Oct. 24.
- Allyne, Edmund E., Cleveland Heights, Ohio. Refrigerating apparatus. 1,898,706; Feb. 21.
- Allyne, Edmund E., Cleveland Heights, Ohio. Refrigerating apparatus. 1,916,030; June 27.
- Allyne, Edmund E., Cleveland, Ohio. Refrigerating apparatus. 1,916,032; June 27.
- Allyne, Edmund E., Lantana, Fla. Refrigerating apparatus. 1,904,597; Apr. 18.
- Allyne, Edmund E., Lantana, Fla. Refrigerating apparatus. 1,916,031; June 27.
- Allyne, Edmund E., Shaker Heights, Ohio. Refrigerating apparatus. 1,932,877; Oct. 31.
- Almcrantz, Oscar G., assignor of one-half to E. L. Kappelman, Evanston, Ill. Outlet box. 1,898,282; Feb. 21.
- Almcrantz, Oscar G., assignor of one-half to Edward L. Kappelman, Evanston, Ill. Outlet box. 1,933,358; Oct. 31.
- Almen, John O., Royal Oak, assignor to General Motors Research Corporation, Detroit, Mich. Hydraulic mechanism. 1,903,083; Mar. 28.
- Almen, John O., Royal Oak, assignor to General Motors Research Corporation, Detroit, Mich. Hydraulic mechanism. 1,930,260; Oct. 10.
- Almen, John O., Royal Oak, assignor to General Motors Research Corporation, Detroit, Mich. Slack adjusting mechanism. 1,936,653; Nov. 28.
- Almetal Universal Joint Company. (See Peters, Frederick W., assignor.)
- Almgren, August E., Hillside, N. J., assignor to American Can Company, New York, N. Y. Can feeding mechanism. 1,924,146; Aug. 29.
- Almond, Lester L., North Troy, R. Herrington, Troy, N. Y., and F. A. Matthews, Kitchener, Ontario, Canada, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Method of and apparatus for sewing seams. 1,904,398; Apr. 18.
- Almond, Lester L., North Troy, R. Herrington, Troy, N. Y., and F. A. Matthews, Kitchener, Ontario, Canada, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Buttonhole sewing machine. 1,912,056; May 30.
- Almqvist, Karl, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Bearing construction. 1,931,050; Oct. 17.
- Almqvist, Milton L., and A. C. Thompson, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Electric delay circuits. 1,917,418; July 11.
- Almy, Richard, Little Compton, R. I. assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Dispersion of rubber in nonaqueous liquids. 1,905,026; Apr. 25.
- Aloi, Millio F., Huntington Park, assignor to J. Grant, Los Angeles, Calif. Rotary underreamer. 1,893,693; Jan. 10.
- Alonso, Felix, Belvedere Gardens, Calif. Pressure plumbing drain flusher. 1,925,359; Sept. 5.
- Alox Chemical Corporation. (See Burwell, Arthur W., assignor.)
- Alozerij, Nicolass J. G. (See Carswell, T. S., Stehly, and Alozerij.)
- Alpen, Henry, Milwaukee, Wis. Educational device. 1,938,616; Dec 12.
- Alpern, Maxwell, assignor to American Engineering Company, Philadelphia, Pa. Automatic fluid control system. 1,904,846; Apr. 18.
- Alpern, Maxwell, assignor to American Engineering Company, Philadelphia, Pa. Air and water cooled wall. 1,937,003; Nov. 28.
- Alphonso, Peter R., Longview, Tex., assignor to The Argent Corporation, Shreveport, La. Liquid lift pump. 1,903,331; Apr. 4.
- Alpine Ice Cream Co. (See Papas, Nick, assignor.)
- Alsaker, Alfred. (See Sumpter, J. E., and Alsaker.)
- Alsaker, Alfred, assignor to The Delta-Star Electric Company, Chicago, Ill. Switch. 1,906,505; May 2.
- Alsaker, Alfred, assignor to The Delta-Star Electric Company, Chicago, Ill. Pin and locking washer. 1,915,640; June 27.
- Alsaker, Alfred, assignor to The Delta-Star Electric Company, Chicago, Ill. Connecting means. 1,918,441; July 18.
- Alsaker, Alfred, assignor to The Delta-Star Electric Company, Chicago, Ill. Bearing. 1,931,218; Oct. 17.
- Alsaker, Alfred, W. O. Hampton, and C. A. Koerner, assignors to The Delta-Star Electric Company, Chicago, Ill. Horizontal break disconnecting switch. 1,901,688; Mar. 14.
- Alsaker, Alfred, W. O. Hampton, and C. A. Koerner, assignors to The Delta-Star Electric Company, Chicago, Ill. Switch. 1,901,689; Mar. 14.
- Alsaker, Alfred, and E. S. Corneliusen, assignors to The Delta-Star Electric Company, Chicago, Ill. Adjustable lever. 1,905,784; Apr. 25.
- Alsaker, Alfred, and E. Nordhem, assignors to The Delta-Star Electric Company, Chicago, Ill. Switch. 1,912,615; June 6.
- Alsaker, Alfred, and E. S. Corneliusen (called Cornell), assignors to The Delta-Star Electric Company, Chicago, Ill. Double disconnect switch. 1,923,805; Aug. 22.
- Alsaker, Alfred, and H. A. Holmes, assignors to Delta-Star Electric Company, Chicago, Ill. Switch. 1,932,127; Oct. 24.
- Alsberg, Carl H. (See Evans, N. S., and Alsberg.)
- Alsberg, Julius, Putnam Valley, assignor to The Superheater Company, New York, N. Y. Water treating compound. 1,938,677; Dec. 12.
- Alsberg, Julius, Tompkins Corners, N. Y. Preparing and packing sea food. 1,940,159; Dec. 19.
- Alsen, Fred A., Chicago, Ill. Foot rest. 1,919,680; July 25.
- Alsted, Lewis L. (See Wells, Sidney D., assignor.)
- Alston, William H., San Antonio, Tex. Barbecue stand. Des. 90,303; July 18.
- Alt, Arthur, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of amino trimethylbenzenes. 1,923,697; Aug. 22.
- Alta Vista Hydraulic Company. (See Gage, Arthur G., assignor.)
- Attek Compagnie d'Etude et d'Exploitation d'Appareils Frigorifiques pour le Transport. (See Thomson, Arthur Lindsay, assignor.)
- Attemiller, Arthur D., St. Louis, assignor of one-third to H. O. Moline, Kirkwood, and one-third to G. Sugrue, St. Louis, Mo. Reciprocating motor and interrupting switch. 1,925,360; Sept. 5.
- Altenuis, Alfred N., Philadelphia, Pa. Yarn winding machine. 1,935,039; Nov. 14.
- Altenhof, Ralph A., Bethel Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Construction material. 1,932,502; Oct. 31.
- Altenkirch, Edmund, Fredersdorf, near Alt-Landsberg (Ostbahn), Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption method and apparatus. Re18,924; Aug. 22.
- Altenkirch, Edmund, Neuenhagen near Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin, Siemensstadt, Germany. Process and apparatus for operating continuous absorption machines. 1,897,223; Feb. 14.
- Altenkirch, Edmund, Neuenhagen, near Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Absorption refrigerating machine. 1,901,794; Mar. 14.
- Altenkirch, Edmund, Neuenhagen near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption machine. 1,908,277; May 9.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption machine. 1,910,224; May 23.
- Altenkirch, Edmund, Neuenhagen near Berlin, Germany assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating machine. 1,913,467; June 13.
- Altenkirch, Edmund, Neuenhagen near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Arrangement for reducing the transmission of heat. 1,913,468; June 13.
- Altenkirch, Edmund, Neuenhagen near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Continuous absorption machine. 1,913,469; June 13.
- Altenkirch, Edmund, Neuenhagen, near Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Conditioning air or the like. 1,918,682; July 18.

- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating machine. 1,925,361; Sept. 5.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,930,671; Oct. 17.
- Altenkirch, Edmund, Neuenhagen, near Berlin, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Continuous absorption refrigerating machine. 1,938,166; Dec. 5.
- Altgelt, Herman E., South Bend, Ind., assignor, by mesne assignments, to Oliver Farm Equipment Company. Control lock. 1,894,458; Jan. 17.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Agricultural implement. 1,897,355; Feb. 14.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Dump rake. 1,900,270; Mar. 7.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Combination planter and cultivator. 1,918,950; July 18.
- Altgelt, Herman E. and R. J., South Bend, Ind., assignors to Oliver Farm Equipment Company. Harvester. 1,900,269; Mar. 7.
- Altgelt, Rudolph J. (See Altgelt, Herman E. and R. J.)
- Altheimer, Ben, assignor to M. Altheimer, University City, Mo. Paper radiator shields. 1,935,900; Nov. 21.
- Altheimer, Myrtle. (See Altheimer, Ben, assignor.)
- Alther, Joseph G. (See Morrell, J. C., and Alther.)
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 1,895,873; Jan. 31.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for the conversion of hydrocarbon oils. 1,897,567; Feb. 14.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 1,930,221; Oct. 10.
- Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus of hydrocarbon oil conversion. 1,937,863; Dec. 5.
- Althoff, George A., Glendale, Calif. Light dividing device. 1,897,994; Feb. 21.
- Althouse, Arthur B., Drexel Hill, Pa. Vacuum controlled switch for starting motors. 1,902,940; Mar. 28.
- Altinger, Hans, New York, N. Y. Toothpick ejector. 1,913,324; June 6.
- Altman, Arthur. (See Gibbs, J., and Altman.)
- Altman, Beatrice, Brooklyn, assignor to L. J. Hyams and Company, New York, N. Y. Textile fabric or the like. Des. 88,847; Jan. 3.
- Altman, Beatrice, Brooklyn, assignor to L. J. Hyams and Company, New York, N. Y. Textile fabric or the like. Des. 88,848; Jan. 3.
- Altman, David, assignor of fifty per cent to Meyer Davidson, Baltimore, Md. Paper bag. 1,910,313; May 23.
- Altman, Fred E. (See Tuttle, F. E., and Altman.)
- Altman, Fred E., and C. M. Tuttle, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printer. 1,930,139; Oct. 10.
- Altman, Jacob A., Los Angeles, Calif. Nut cracker. 1,906,506; May 2.
- Altmann, Max, Berlin, Germany. Hand apparatus for mouth or dental treatment. 1,935,973; Nov. 21.
- Altmayer, Jean A., Paris, France. Control system for electric motors. 1,913,910; June 13.
- Alton, William H., assignor to R. T. Vanderbilt Company, New York, N. Y. Plastic wall coating. 1,897,016; Feb. 7.
- Alton, William H., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Soap dispenser. 1,932,384; Oct. 24.
- Altorfer, Alpheus W., Peoria, Ill. Washing machine tub. Des. 91,005; Nov. 14.
- Altorfer, Alpheus W., Peoria, Ill. Washing machine. 1,917,628; July 11.
- Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Company, East Peoria, Ill. Washing machine. Re18,870; June 13.
- Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)
- Altorfer Bros. Company. (See Bovee, Ransom Y., assignor.)
- Altruda, Joseph B., New York, N. Y. Skin grafting apparatus. 1,935,605; Nov. 21.
- Altshuler, Henry I., and G. B. Lantz, Pachuca, Hidalgo, Mexico. Electric furnace. 1,913,580; June 13.
- Altwater, Arthur W., St. Louis County, Mo. Cutting and ornamenting die. 1,901,575; Mar. 14.
- Altwater, Arthur W., University City, Mo. Machine for cutting, trimming, and ornamenting shoe parts. 1,938,678; Dec. 12.
- Altwickler, Hubert. (See de Ridder, E., and Altwickler.)
- Aluminium Industrie Aktiengesellschaft. (See Eigenheer, Konrad, assignor.)
- Aluminium Limited. (See Varney, Theodore, assignor.)
- Aluminum Colors Incorporated. (See Tosterud, Martin, assignor.)
- Aluminum Company of America. (See Archer, Robert S., assignor.)
- Aluminum Company of America. (See Archer, R. S., and Kempe, assignors.)
- Aluminum Company of America. (See Arthur, Furman C., assignor.)
- Aluminum Company of America. (See Blough, E., and Churchill, assignors.)
- Aluminum Company of America. (See Bossert, Theodore W., assignor.)
- Aluminum Company of America. (See Bostwick, Thomas J., assignor.)
- Aluminum Company of America. (See Brown, Russel G., assignor.)
- Aluminum Company of America. (See Bungay, George W., assignor.)
- Aluminum Company of America. (See Callis, C. C., and Derr, assignors.)
- Aluminum Company of America. (See Cook, M. F., and Breisch, assignors.)
- Aluminum Company of America. (See Dean, Walter A., assignor.)
- Aluminum Company of America. (See Dean, W. A., and Kempf, assignors.)
- Aluminum Company of America. (See Dodds, Thomas E., assignor.)
- Aluminum Company of America. (See Edwards, Junius D., assignor.)
- Aluminum Company of America. (See Ennor, William T., assignor.)
- Aluminum Company of America. (See Freeman, O. W., and Lilly, assignors.)
- Aluminum Company of America. (See Gitzen, W. H., and Wagner, assignors.)
- Aluminum Company of America. (See Guyot, Marius, assignor.)
- Aluminum Company of America. (See Handler, Alfred A., assignor.)
- Aluminum Company of America. (See Heiser, Harold W., assignor.)
- Aluminum Company of America. (See Hogg, Emerson E., assignor.)
- Aluminum Company of America. (See Honegger, Irving C., assignor.)
- Aluminum Company of America. (See Horner, G. W., and Sharp, assignors.)
- Aluminum Company of America. (See Keith, Wilfred D., assignor.)
- Aluminum Company of America. (See Keller, F., and Craighead, assignors.)
- Aluminum Company of America. (See Kempf, Louis W., assignor.)
- Aluminum Company of America. (See Kempf, L. W., and Dean, assignors.)
- Aluminum Company of America. (See Kratz, E. J., and Callis, assignors.)
- Aluminum Company of America. (See Lloyd, Charles G., assignor.)
- Aluminum Company of America. (See Malby, Seth G., assignor.)
- Aluminum Company of America. (See McChesney, V. A., and Milnes, assignors.)
- Aluminum Company of America. (See McFadden, Benjamin C., assignor.)
- Aluminum Company of America. (See Moore, George L., assignor.)
- Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
- Aluminum Company of America. (See Nock, J. A., and Dix, Jr., assignors.)
- Aluminum Company of America. (See Noyes, Maxwell E., assignor.)
- Aluminum Company of America. (See Remplin, Richard L., assignor.)
- Aluminum Company of America. (See Rowe, Howard J., assignor.)
- Aluminum Company of America. (See Stay, Theron D., assignor.)
- Aluminum Company of America. (See Tosterud, Martin, assignor.)
- Aluminum Company of America. (See Weber, Ludwig J., assignor.)
- Aluminum Company of America. (See Whalen, Edward J., assignor.)
- Aluminum Company of America. (See Whitzel, Raymond T., assignor.)
- Aluminum Company of America. (See Wood, Robert T., assignor.)
- Aluminum Company of America. (See Wood, R. T., and Heil, assignors.)
- Aluminum Cooking Utensil Company, The. (See Bringmann, Irving W., assignor.)
- Aluminum Cooking Utensil Company, The. (See Matter, James K., assignor.)
- Aluminum Cooking Utensil Company, The. (See Matter, J. K., and Weinzierl, assignors.)
- Aluminum Goods Manufacturing Co. (See Larsen, Alantser F., assignor.)
- Aluminium Industrie Aktiengesellschaft. (See Bosshard, Max, assignor.)
- Aluminium Industrie Aktiengesellschaft. (See von Zeerleder, Alfred, assignor.)
- Aluminum Screw Machine Products Company. (See Chestnut, Robert, assignor.)
- Aluminum Screw Machine Products Company. (See Malby, Seth G., assignor.)

- Alva Carpet & Rug Company. (See Keys, Jeremiah, assignor.)
- Alvau, Frank, Redondo, Wash. Animal trap. 1,918,582; July 18.
- Alvey Conveyor Manufacturing Co. (See Worrall, Roy R., assignor.)
- Alvey-Ferguson Company, The. (See Walter, J. C., and Vogt, assignors.)
- Alvey, Glenn H., assignor to Uvalde Rock Asphalt Company, San Antonio, Tex. Preparing paving material. 1,906,301; May 2.
- Alvey, Glenn H., assignor to Uvalde Rock Asphalt Company, San Antonio, Tex. Paving composition. 1,928,303; Sept. 26.
- Alvey Manufacturing Company. (See Dietz, Frank J., assignor.)
- Alvey Manufacturing Company. (See Worrall, Roy R., assignor.)
- Alvin Corporation, The. (See Price, James R., assignor.)
- Alvis Car & Engineering Company Limited, The. (See Smith-Clarke, George T., assignor.)
- Alvord, Clinton, assignor to Worcester Loom Works, Worcester, Mass. Method of and apparatus for manufacturing tuft yarn frames. Re18,903; July 25.
- Alvord, Earl B., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Non-corrosive insecticidal compositions. 1,931,367; Oct. 17.
- Amal Limited. (See Brown, Clement, assignor.)
- Amand, James E., Brussels, assignor to Societe Anonyme d'Ougree Maribare, Ougree, Belgium. Sheet pile. 1,918,886; July 18.
- Amann, Paul E., Nanterre, France. Process and apparatus for accurately cutting and rectifying gears. 1,925,025; Aug. 29.
- Amann, Rudolf. (See Hizsnay, L., and Amann.)
- Amann, William. (See Schulze, A., and Amann.)
- Anaru, Orazio, Astoria, N. Y. Resurfacing tool for butcher's blocks. 1,895,961; Jan. 31.
- Anatol, Harold, East Orange, N. J., assignor to Westinghouse Lamp Company. Six-lamp wrapper. 1,905,027; Apr. 25.
- Anazon, Knitting Company. (See Powell, Myron H., assignor.)
- Amberger, Fritz L. H., New York, N. Y., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Advertising ornament. Des. 50,184; June 27.
- Amberson, Linton C., Edenburg, Pa. Treatment of nitrocellulose dope. 1,931,368; Oct. 17.
- Ambler Asbestos Shingle & Sheathing Company. (See Hafl, Charles P., assignor.)
- Ambler Asbestos Shingle & Sheathing Company. (See Kinney, Harmon C., assignor.)
- Ambler, Charles M., Jr., assignor to The Sharples Specialty Company, Philadelphia, Pa. Oil purification. 1,926,188; Sept. 12.
- Ambler, Olive. (See Spencer, John, assignor.)
- Ambrohn, Richard, Gottingen, Germany. Method of and apparatus for electric earth exploration. 1,897,688; Feb. 14.
- Ambrohn, Richard, Gottingen, Germany. Process of and device for detecting and measuring minimum accelerations. 1,936,321; Nov. 21.
- Ambrose, Clyde B. (See Woolums, W. H., and Ambrose, assignors.)
- Ambrose, James H., Rochester, Pa. Manufacture of footed glassware. 1,927,674; Sept. 19.
- Ambrose, Thomas H., and E. J. Elmer, Monroe, Mich., assignor of one-fourth to J. E. Brailey and one-fourth to C. E. La Beau, Toledo, Ohio. Headlight. 1,923,653; Aug. 22.
- Ambrosio, Frank, Brooklyn, N. Y. Plaster decorating tool. 1,909,562; May 16.
- Ambrosius, Julius R., Mexico, Mexico. Luggage carrier for motor vehicles. 1,904,114; Apr. 18.
- Ambruson, Henry, Worcester, Mass., assignor to E. C. Bowers and C. L. Feldman, receivers of Wickwire Spencer Steel Company, New York, N. Y. Conveyer belt. 1,940,832; Dec. 26.
- Ambuehl, George, Evanston, Ill. Mold forming apparatus. 1,913,740; June 13.
- Ambuhl, Frank F. (See Ashworth, E. M., and Ambuhl.)
- Amburgey, Clarence E., Norton, Va. Clock. 1,935,760; Nov. 21.
- Ambursen Construction Company. (See Burroughs, Edgar H., assignor.)
- Ambursen Construction Company. (See Burroughs, E. H., and Davis, assignors.)
- Amco Incorporated. (See Geer, Paul L., assignor.)
- Amco, Incorporated. (See Morton, William A., assignor.)
- Amco, Incorporated. (See Morton, W. A., and Geer, assignors.)
- Amduresky, Samuel S., assignor to Taylor Instrument Companies, Rochester, N. Y. Manometer. 1,905,782; Apr. 25.
- Amen, Nicholas C., Los Angeles, Calif. Illuminating appliance. 1,938,002; Dec. 5.
- Amer, Donald F. (See Christie, J., and Amer.)
- American Abrasive Metals Company. (See Edmondson, R. S., and Holmes, assignors.)
- American Agricultural Chemical Company, The. (See Milligan, Charles H., assignor.)
- American Agricultural Chemical Company, The. (See Sebastian, Robert L., assignor.)
- American Air Filter Company, Inc. (See Birkholz, Hans E., assignor.)
- American Air Filter Co., Inc. (See Dauphinee, George S., assignor.)
- American Air Filter Company, Inc. (See Fedeler, John H., assignor.)
- American Air Filter Company, Inc. (See Gagen, Charles H., assignor.)
- American Air Filter Company, Inc. (See Jordahl, Anders, assignor.)
- American Air Filter Company, Inc. (See Preble, James J., assignor.)
- American Air Filter Company. (See Sylvan, Stig G., assignor.)
- American Air Filter Company, Inc. (See Williams, Charles W., assignor.)
- American Aluminum Ware Co. (See Brucker, Henry, assignor.)
- American Anode, Inc. (See Beal, Carl L., assignor.)
- American Anode, Incorporated. (See Darby, Edward H., assignor.)
- American Anode, Inc. (See Howard, Henry C., assignor.)
- American Anode, Inc. (See Howard, H. C., and Kern, assignors.)
- American Anode, Inc. (See James, R. G., and Twiss, assignors.)
- American Anode Inc. (See Klein, P., Gabor, and Kaunitz, assignors.)
- American Anode Inc. (See Klein, P., and Szegvari, assignors.)
- American Anode Incorporated. (See Murphy, Edward A., James, and Twiss, assignors.)
- American Anode, Inc. (See Newton, Edwin B., assignor.)
- American Anode, Inc. (See Szegvari, Andrew, assignor.)
- American Anode, Inc. (See Twiss, Douglas F., assignor.)
- American Anode Incorporated. (See Twiss, D. F., and James, assignors.)
- American Anode, Inc. (See Willson, Edward A., assignor.)
- American Arch Company. (See Antill, Philip W., assignor.)
- American Arch Company. (See Bean, Guy M., assignor.)
- American Arch Company. (See Bildstein, Alfred G., assignor.)
- American Arch Company. (See Siegel, C. A., and Neff, assignors.)
- American Arch Company. (See Willett, A. H., and Siegel, assignors.)
- American Art Works, Inc., The. (See Meier, Clarence P., assignor.)
- American Art-Char, Inc. (See Hultberg, Irving A., assignor.)
- American Artificial Marble Company. (See Oberherr, Hynek, assignor.)
- American Bakeries Company. (See Greene, James A., assignor.)
- American Ball Company. (See Bradley, Charles S., assignor.)
- American Ball Mill Company. (See Jugel, Rudolf P., assignor.)
- American Bank Note Company. (See Aitchison, Peter, assignor.)
- American Bank Note Company. (See Aitchison, P., Wood, and Wittnebel, assignors.)
- American Bank Note Company. (See Marquardt, Frank C., assignor.)
- American Bank Note Company. (See Webster, Albert S., assignor.)
- American Bemberg Corporation. (See Gernert, Fritz, assignor.)
- American Bemberg Corporation. (See Hartmann, August, assignor.)
- American Bemberg Corporation. (See Hartmann, A., and Bauriedel, assignors.)
- American Bemberg Corporation. (See Hartmann, A., Höfinghoff, and Fischer, assignors.)
- American Bemberg Corporation. (See Hoelkeskamp, Franz, assignor.)
- American Bemberg Corporation. (See Hofmann, H., and Korff, assignors.)
- American Bemberg Corporation. (See Meyer-Gaus, Karl, assignor.)
- American Bemberg Corporation. (See Meyer-Gaus, K., and Saure, assignors.)
- American Bemberg Corporation. (See Muttl, Ido, assignor.)
- American Bemberg Corporation. (See Wichert, Johannes, assignor.)
- American Bemberg Corporation. (See Zur Löwen, Walde-mar, assignor.)
- American Bichereux Company. (See Gentil, Eugene, assignor.)
- American Bichereux Company, The. (See Heuze, Charles, assignor.)
- American Bichereux Company, The. (See von Reis, Lambert, assignor.)
- American Blower Corporation. (See Anderson, Edward L., assignor.)
- American Blower Corporation. (See Cassell, William L., assignor.)
- American Blower Corporation. (See Graf, Raymond I., assignor.)
- American Blower Corporation. (See Morse, Clark T., assignor.)
- American Blower Corp. (See Morse, C. T., and Hogan, assignors.)

- American Body & Cab Company. (See Neis, Longinus A., assignor.)
 American Bosch Magneto Corporation. (See Eastman, Leonard E., assignor.)
 American Bosch Magneto Corporation. (See Lang, Gustave J., assignor.)
 American Bottlers of Carbonated Beverages. (See Buchanan, John H., assignor.)
 American Box & Lumber Company. (See Swart, William D., assignor.)
 American Brake Company, The. (See Crossman, Theodore C., assignor.)
 American Brake Company, The. (See Schwentler, Francis E., assignor.)
 American Brakeblok Corporation. (See Blume, William A., assignor.)
 American Brakeblok Corporation. (See Brackett, Tracy F., assignor.)
 American Brakeblok Corporation. (See Gillies, Hugh A., assignor.)
 American Brakeblok Corporation. (See Smith, Harry N., assignor.)
 American Brakeblok Corporation. (See Thompson, James S., assignor.)
 American Brake Shoe and Foundry Company, The. (See Alley, John D., assignor.)
 American Brake Shoe and Foundry Company, The. (See Bates, Vernon G., assignor.)
 American Brake Shoe and Foundry Company, The. (See Nelson, Albert, assignor.)
 American Brake Shoe and Foundry Company, The. (See Poe, Fred M., assignor.)
 American Brake Shoe and Foundry Company, The. (See Pogue, Robert B., assignor.)
 American Brake Shoe and Foundry Company, The. (See Sargent, Fitz W., assignor.)
 American Brake Shoe and Foundry Company, The. (See Sutherland, Wallace B., assignor.)
 American Brake Shoe and Foundry Company, The. (See Trainer, Maurice N., assignor.)
 American Brake Shoe & Foundry Company. (See Winters, Wilbur H., assignor.)
 American Brake Shoe and Foundry Company, The. (See Winters, Wilbur H., assignor.)
 American Brass Company, The. (See Coe, James R., assignor.)
 American Brass Company, The. (See Damon, John C., assignor.)
 American Brass Company, The. (See Dinkler, A. M., and Smith, assignors.)
 American Brass Company, The. (See Freeman, John R., jr., assignor.)
 American Brass Company, The. (See French, Fred W., and L. H., and Rathbun, assignors.)
 American Brass Company, The. (See Jennison, Herbert C., assignor.)
 American Brass Company, The. (See Ray, K. W., and Gould, assignors.)
 American Brass Company, The. (See Smith, Cyril S., assignor.)
 American Brass Company, The. (See Stowe, Eric L., assignor.)
 American Brass Company, The. (See Voegeli, Henry E., assignor.)
 American Buckle Company, The. (See Hodge, Hubert C., assignor.)
 American Buckle Company, The. (See Hodge, Robert J., assignor.)
 American Button Sewing Machine Co. (See Lyons, Robert L., assignor.)
 American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)
 American Cable Company. (See Burd, Gorman C., assignor.)
 American Cable Company. (See Burd, G. C., and Bratz, assignors.)
 American Cable Company. (See Conner, Edward A., assignor.)
 American Cable Company. (See Conner, E. A., and Johnson, assignors.)
 American Cable Company. (See Rosenberg, Ralph H., assignor.)
 American Cable Company. (See Williams, Harry, and Lipps, assignors.)
 American Can Company. (See Almgren, August E., assignor.)
 American Can Company. (See Cabot, Walter K., assignor.)
 American Can Company. (See Geertsens, Nelson, assignor.)
 American Can Company. (See Gray, James A., assignor.)
 American Can Company. (See Hermani, Henry, assignor.)
 American Can Company. (See Hoffman, Edmund, assignor.)
 American Can Company. (See Hothersall, John M., assignor.)
 American Can Company. (See Kenny, William J., assignor.)
 American Can Company. (See Luthi, Robert, assignor.)
 American Can Company. (See Maher, William W., assignor.)
 American Can Company. (See Miller, Henry J., assignor.)
 American Can Company. (See Murch, John H., assignor.)
 American Can Company. (See Nicholls, Henry M., assignor.)
 American Can Company. (See Peters, John F., assignor.)
 American Can Company. (See Purtell, Lawrence, assignor.)
 American Can Company. (See Steerup, Godfrey, assignor.)
 American Can Company. (See Young, John M., assignor.)
 American Car and Foundry Company. (See Abel, Joseph C., assignor.)
 American Car and Foundry Company. (See Auchincloss, William K., assignor.)
 American Car and Foundry Company. (See Birt, Jesse F., assignor.)
 American Car and Foundry Company. (See Black, A. R., and Clade, assignors.)
 American Car and Foundry Company. (See Campbell, E. D., and Herdlein, assignors.)
 American Car and Foundry Company. (See Christiansen, John, assignor.)
 American Car and Foundry Company. (See Clarke, Allen W., assignor.)
 American Car and Foundry Company. (See Dendler, Ralph E., assignor.)
 American Car and Foundry Company. (See Dietrichson, William F., assignor.)
 American Car and Foundry Company. (See Field, Henry F., assignor.)
 American Car and Foundry Company. (See Folmsbee, Clyde H., assignor.)
 American Car and Foundry Company. (See Hartman, Edward M., assignor.)
 American Car and Foundry Company. (See Herdlein, Wallace, assignor.)
 American Car and Foundry Company. (See Knight, John M., assignor.)
 American Car and Foundry Company. (See Lehman, Arthur E., assignor.)
 American Car and Foundry Company. (See Lyons, Theodore E., assignor.)
 American Car and Foundry Company. (See Rich, Donald U., assignor.)
 American Car and Foundry Company. (See Rohlfing, John M., assignor.)
 American Car and Foundry Company. (See Seiler, John D., assignor.)
 American Car and Foundry Company. (See Walp, Charles F., assignor.)
 American Car and Foundry Company. (See Willoughby, Victor, assignor.)
 American Car and Foundry Company. (See Willoughby, V., and Joy, assignors.)
 American Car and Foundry Motors Company. (See Hall, Elbert J., assignor.)
 American Car and Foundry Motors Company. (See Henry, Eugene, assignor.)
 American Car and Foundry Securities Corporation. (See Campbell, E. D., and Dietrichson, assignors.)
 American Car and Foundry Securities Corporation. (See Dietrichson, William F., assignor.)
 American Cast Iron Pipe Company. (See Moore, James W., assignor.)
 American Casting & Manufacturing Corporation. (See Dietze, Emil, assignor.)
 American Chain Company. (See deForest, Alfred V., assignor.)
 American Chain Company. (See Lashar, Walter B., assignor.)
 American Chain Company. (See Nalle, John M., assignor.)
 American Chain Company. (See Reyburn, John R., assignor.)
 American Chain Company. (See Walsh, Wilfrid L., assignor.)
 American Character Doll Co. (See Schaeffer, Edward G., assignor.)
 American Chemical Paint Company. (See Douty, Alfred, assignor.)
 American Chemical Paint Company. (See Gravell, James H., assignor.)
 American Chemical Paint Company. (See Wood, Benjamin F., assignor.)
 American Circular Loom Company. (See Lobley, Max E., assignor.)
 American Circular Loom Company. (See Lutz, George A., assignor.)
 American Circular Loom Company. (See Lutz, G. A., and Kramer, assignors.)
 American Coach & Body Company, The. (See Larsen, Neil P., assignor.)
 American Coating Mills. (See Colbert, C. C., and Preston, assignors.)
 American Concrete Pipe Company. (See Whiting, William A., assignor.)
 American Conduit Corporation. (See Gackenbach, Edward N., assignor.)
 American Cotton Machinery Co. (See Green, Sherwood, assignor.)
 American Cotton Picker Corporation. (See Willett, W. R., and Brown, assignors.)
 American Crayon Company, The. (See Cooney, Frank B., assignor.)
 American Crayon Company, The. (See Daniel, Charles E., assignor.)

- American Curb-Gutter Block Co. Inc. (See Rothmann, Charles H., assignor.)
 American Cyanamid Company. (See Barsky, George, assignor.)
 American Cyanamid Company. (See Barsky, G., and Wohnsiedler, assignors.)
 American Cyanamid Company. (See Bradley, Theodore F., assignor.)
 American Cyanamid Company. (See Bruson, Herman A., assignor.)
 American Cyanamid Company. (See Buchanan, Guy H., assignor.)
 American Cyanamid Company. (See Buchanan, G. H., and Moore, assignors.)
 American Cyanamid Company. (See Christmann, Ludwig J., assignor.)
 American Cyanamid Company. (See Christmann, L. J., and Falconer, assignors.)
 American Cyanamid Company. (See Christmann, L. J., and Jayne, assignors.)
 American Cyanamid Company. (See Falter, Philip H., assignor.)
 American Cyanamid Company. (See Gray, George P., assignor.)
 American Cyanamid Company. (See Hansen, Waldemar C., assignor.)
 American Cyanamid Company. (See Kilbourne, Kenneth A., assignor.)
 American Cyanamid Company. (See Migrdichian, Vartkes, assignor.)
 American Cyanamid Company. (See Miller, Thomas R., assignor.)
 American Cyanamid Company. (See Spalding, William L., assignor.)
 American Cyanamid Company. (See Woolsey, Claude, assignor.)
 American Dairy Supply Company. (See Compton, Harry L., assignor.)
 American Dairy Supply Company. (See Stewart, Roy N., assignor.)
 American Dairy Supply Company, The. (See Thomas, Sherman O., assignor.)
 American Decalcomania Company. (See Lawrence, Jay B., assignor.)
 American Decorative Flower Co. (See Berman, Harry L., assignor.)
 American Diesel Engine Company. (See Winslow, Charles A., assignor.)
 American District Steam Company. (See Gysling, Manuel H., assignor.)
 American District Steam Company. (See Hall, Robert, assignor.)
 American Dryce Corporation. (See Goosmann, Justus C., assignor.)
 American Dyewood Company. (See Cole, Robert M., assignor.)
 American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)
 American Electric Heating Company. (See Gannon, James E., assignor.)
 American Electric Heating Company. (See Gannon, J. E., and Winter, assignors.)
 American Electrical Heater Company. (See Hanser, C. A., and Lockwood, assignors.)
 American Electrical Heater Company. (See Kuhn, Frank, assignor.)
 American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
 American Electrical Heater Company. (See Kuhn, F., and L. Thomas, assignors.)
 American Electrical Heater Company. (See Thomas, Laurence H., assignor.)
 American Emblem Company. (See McMann, Arthur A., assignor.)
 American Enameled Products Company. (See Smith, Edwin A., assignor.)
 American Engineering Company. (See Alpern, Maxwell, assignor.)
 American Engineering Company. (See Bennett, Joseph S., assignor.)
 American Engineering Company. (See Bowden, William I., assignor.)
 American Engineering Company. (See Gibbs, W. S., jr., and Lukens, assignors.)
 American Engineering Company. (See Harrison, Clifford E., assignor.)
 American Engineering Company. (See Hughes, William J., assignor.)
 American Engineering Company. (See Hummel, Willard A., assignor.)
 American Engineering Company. (See Hummel, W. A., and Jones, assignors.)
 American Engineering Company. (See Johnson, Oscar A., assignor.)
 American Engineering Company. (See Kay, Frank W., assignor.)
 American Engineering Company. (See Koons, Charles V., assignor.)
 American Engineering Company. (See Kuzelewski, Albert R., assignor.)
 American Engineering Company. (See Preston, Herbert E., assignor.)
 American Engineering Company. (See Weingartner, Anthony E., assignor.)
 American Engineering Company. (See Weingartner, A. E., and Koons, assignors.)
 American Engineering Company. (See Wheeler, Edward, assignor.)
 American Enka Corporation. (See Koch, Theodoor, assignor.)
 American Enka Corporation. (See Kooystra, Jan, assignor.)
 American Enka Corporation. (See Levison, Robert, assignor.)
 American Enka Corporation. (See Moritz, Adrianus J. L., assignor.)
 American Exchange National Bank, The. (See Baumann, A., and Horlacher, assignors.)
 American Fabrics Company, The. (See Aemisegger, Jean, assignor.)
 American Fabrics Company, The. (See Juestrich, Max U., assignor.)
 American Fabrics Company, The. (See Page, Samuel H., assignor.)
 American Fabrics Company. (See Philips, Hans A., assignor.)
 American Fabrics Company, The. (See Piepenbring, G. A., and Beutel, assignors.)
 American Face Brick Corporation. (See Lee, Sherman Q., assignor.)
 American Face Brick Research Corporation. (See Hathaway, Warner, assignor.)
 American Face Brick Research Corporation. (See Slidell, K., and Lee, assignors.)
 American Flange & Manufacturing Company. (See Spera, John W., assignor.)
 American Floor Surfacing Machine Company. (See Myers, Harry L., assignor.)
 American Fluid Motors Company. (See Landenberger, H. W., and Link, assignors.)
 American Flyer Mfg. Co. (See Arden, Thomas R., assignor.)
 American Flyer Mfg. Co. (See Becker, Harry S., assignor.)
 American Flyer Mfg. Co. (See Boisselier, Earl D., assignor.)
 American Folding Umbrella Corp. (See Adler, Hyman G., assignor.)
 American Fomon Company. (See Urquhart, G. G., and Jones, assignors.)
 American Forge and Socket Company, The. (See Saunders, Walter S., assignor.)
 American Forging and Socket Company. (See Saunders, Walter S., assignor.)
 American Fork & Hoe Company, The. (See Batcheller, Birney C., assignor.)
 American Fork & Hoe Company. (See Bergmann, William H., assignor.)
 American Fork & Hoe Company, The. (See Dennis, Charles H., assignor.)
 American Fork & Hoe Company, The. (See Foss, William A., assignor.)
 American Fork & Hoe Company, The. (See Withington, Winthrop, assignor.)
 American Foundry Equipment Company, The. (See Peik, Louis D., assignor.)
 American Furnace Company. (See Franke, Clarence S., assignor.)
 American G E O Company. (See Buchholz, Theodor, assignor.)
 American Gasaccumulator Company. (See Ehn, Axel E. G., assignor.)
 American Gasaccumulator Company. (See Eskilson, Sven A., assignor.)
 American Gasaccumulator Company. (See Luce, Richard W., assignor.)
 American Gasaccumulator Company. (See Oestnaes, V. L., and Luce, assignors.)
 American Gas Furnace Company. (See Hornbruch, Frederick W., assignor.)
 American Gas Machine Company. (See Hanson, H. C., and Jensen, assignors.)
 American Gas Machine Company. (See Jensen, Kenneth S., assignor.)
 American Gas Machine Company. (See Olsen, Walter, assignor.)
 American Gas Machine Company. (See Rasmussen, Sophus, assignor.)
 American Gas Machine Co. (See Speaker, John W., assignor.)
 American Gas Machine Company. (See Teague, Walter D., assignor.)
 American Gas Turbine Corporation. (See Harper, William, jr., assignor.)
 American Gas Turbine Corporation. (See Harper, W., jr., and Kerekes, assignors.)
 American Geographical Society of New York. (See Krijanovsky, N. N., and Transehe, assignors.)
 American Glanzstoff Corporation. (See Baumert, K., and Schieck, assignors.)
 American Glanzstoff Corporation. (See Beplate, Viktor, assignor.)
 American Glanzstoff Corporation. (See Bochmann, Otto, assignor.)
 American Glanzstoff Corporation. (See Byron, T. H., and Carter, assignors.)
 American Glanzstoff Corporation. (See Carter, Ralph H., assignor.)

- American Glanzstoff Corporation. (See Elssner, Richard, assignor.)
- American Glanzstoff Corporation. (See Elssner, R., and Carter, assignors.)
- American Glanzstoff Corporation. (See Elssner, R., and Johnson, assignors.)
- American Glanzstoff Corporation. (See Etzkorn, Rudolf, assignor.)
- American Glanzstoff Corporation. (See Funcke, Julius C., assignor.)
- American Glanzstoff Corporation. (See Funcke, J. C., and Elssner, assignors.)
- American Glanzstoff Corporation. (See Gollong, Richard J., assignor.)
- American Glanzstoff Corporation. (See Gollong, R. J., and Carter, assignors.)
- American Glanzstoff Corporation. (See Gram, Carl F., assignor.)
- American Glanzstoff Corporation. (See Herrmann, Conrad, assignor.)
- American Glanzstoff Corporation. (See Hoffmann, Konrad, assignor.)
- American Glanzstoff Corporation. (See Krause, Alfons, assignor.)
- American Glanzstoff Corporation. (See Oppenlaender, O. O., and Carter, assignors.)
- American Glanzstoff Corporation. (See Oppenlaender, O., and Elssner, assignors.)
- American Glanzstoff Corporation. (See Schmidt, Kurt, assignor.)
- American Glanzstoff Corporation. (See Stöckly, J. J., and Witte, assignors.)
- American Glanzstoff Corporation. (See Stoeckly, Johann J., assignor.)
- American Glanzstoff Corporation. (See Stoeckly, J. J., and Bartunek, assignors.)
- American Glanzstoff Corporation. (See Wadewitz, M., and Elssner, assignors.)
- American Glanzstoff Corporation. (See Witte, Erhard, assignor.)
- American Glass Machine Corporation. (See Morton, William A., assignor.)
- American Gyro Co., The. (See Holmes, E. R., and Shelton, assignors.)
- American Gyro Company. (See Little, Horace M., assignor.)
- American Gyro Company. (See Little, H. M., and Holmes, assignors.)
- American Hair & Felt Company. (See Phillips, Robert S., assignor.)
- American Hair & Felt Company. (See Steward, Lewis H., assignor.)
- American Hammered Piston Ring Company. (See Morton, Allen W., assignor.)
- American Hard Rubber Company. (See Allin, Edwin F., assignor.)
- American Hard Rubber Company. (See Boyer, Edwin S., assignor.)
- American Hard Rubber Company. (See Carson, Oswald B., assignor.)
- American Hard Rubber Company. (See Durant, K. J., and Hildring, assignors.)
- American Hard Rubber Company. (See Durr, Arthur W., assignor.)
- American Hard Rubber Company. (See Meade, James I., assignor.)
- American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)
- American Hardware Company. (See Totty, Robert A., assignor.)
- American Hardware Corporation, The. (See Dyson, Louis M., assignor.)
- American Hardware Corporation. (See Hurd, Norman B., assignor.)
- American Hardware Corporation, The. (See Moore, Wallace F., assignor.)
- American Hardware Corporation, The. (See Quigley, Charles P., assignor.)
- American Hardware Corporation, The. (See Scott, William A., assignor.)
- American Hardware Corporation. (See Stone, Elmer B., assignor.)
- American Hardware Corporation, The. (See Telch, Ernest L., assignor.)
- American Hardware Corporation, The. (See Woernle, Harry E., assignor.)
- American Hat Co. Inc., The. (See Shrader, William T., assignor.)
- American Houses, Inc. (See McLaughlin, Robert W., jr., assignor.)
- American Iron and Machine Works Company. (See Owen, Frank M., assignor.)
- American Ironing Machine Company, The. (See Peter, Edward C., and Castricone, assignors.)
- American Lace Mfg. Co. (See Hucknall, Hage W., assignor.)
- American Lace Paper Company. (See Huff, Ernest, assignor.)
- American Lace Paper Company. (See Huff, Ernest, and Kejdine.)
- American LaFrance and Foamite Corporation. (See Harte, James A., assignor.)
- American-La France and Foamite Corporation. (See Smith, Carlisle F., assignor.)
- American-La France and Foamite Corporation. (See White, Clifford B., assignor.)
- American Laundry Machinery Company, The. (See Beattie, W. P., and Sando, assignors.)
- American Laundry Machinery Company, The. (See Brockett, Bluford W., assignor.)
- American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)
- American Laundry Machinery Company, The. (See Haney, Angus F., assignor.)
- American Laundry Machinery Company, The. (See Heidenfelder, Fred A., assignor.)
- American Laundry Machinery Company, The. (See Jacker, Richard J., assignor.)
- American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
- American Laundry Machinery Company, The. (See Johnson, Oscar W., assignor.)
- American Laundry Machinery Company, The. (See McDermott, Harry H., assignor.)
- American Laundry Machinery Company, The. (See Montinello, James V., assignor.)
- American Laundry Machinery Company, The. (See Pauly, Robert C., assignor.)
- American Laundry Machinery Company, The. (See Reese, L. V., and Johnson, assignors.)
- American Laundry Machinery Company, The. (See Russell, Ernest S., assignor.)
- American Laundry Machinery Company, The. (See Sando, J. B., and Johnson, assignors.)
- American Laundry Machinery Company, The. (See Staley, Alonzo D., assignor.)
- American Laundry Machinery Company, The. (See Wallace, George B., assignor.)
- American Laundry Machinery Corporation. (See Malott, Clifton S., jr., assignor.)
- American Lead Pencil Company. (See Reckford, Louis J., assignor.)
- American Liquid Meter Company. (See Bassler, Carlos J., assignor.)
- American Lithographic Company. (See Gibbs, John L., assignor.)
- American Locker Company. (See Hofmann, George, assignor.)
- American Lurgi Corporation. (See Debuch, Carl P., assignor.)
- American Lurgi Corporation. (See Freise, Max G., assignor.)
- American Lurgi Corporation. (See Gensecke, Wilhelm, assignor.)
- American Lurgi Corporation. (See Maier, Werner, assignor.)
- American Lurgi Corporation. (See Oetken, Friedrich A., assignor.)
- American Lurgi Corporation. (See Schober, Oskar, assignor.)
- American Lurgi Corporation. (See Schober, O., and Schnitzspahn, assignors.)
- American Lurgi Corporation. (See Sterner-Rainer, Roland, assignor.)
- American Lurgi Corporation. (See von Girssewald, C., Baron, and Siecke, assignors.)
- American Lurgi Corporation. (See von Girssewald, C., Baron, and Stahl, assignors.)
- American Lurgi Corporation. (See von Girssewald, C., Baron, and Weidmann, assignors.)
- American Lurgi Corporation. (See von Girssewald, C., Baron, Weidmann, and Roesser, assignors.)
- American Machine & Foundry Company. (See Arelt, Charles, assignor.)
- American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)
- American Machine & Foundry Company. (See Di Ianni, Frank, assignor.)
- American Machine & Foundry Company. (See Gwinn, George W., assignor.)
- American Machine & Foundry Company. (See Hawkins, Wilford J., assignor.)
- American Machine & Foundry Company. (See Jensen, Thormod, assignor.)
- American Machine & Foundry Company. (See Lundin, Axel G., assignor.)
- American Machine and Foundry Company. (See Lundin, A. G., and Johnson, assignors.)
- American Machine & Foundry Company. (See Podmore, Arthur, assignor.)
- American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
- American Machine & Foundry Company. (See Schmidt, August J., assignor.)
- American Machine and Foundry Company. (See Schmitt, Frank R., assignor.)
- American Machine & Foundry Company. (See Smith, Elberon D., assignor.)
- American Machine and Metals, Inc. (See Swartz, George A., assignor.)
- American Magnesium Metals Corporation. (See Hansgirk, Fritz, assignor.)
- American Manganese Steel Company. (See Clark, John O'F., assignor.)
- American Manganese Steel Company. (See Meyer, Daniel H., assignor.)
- American Manganese Steel Company. (See Murtaugh, Joseph F., assignor.)

American Manganese Steel Company. (See Ratkowski, Thomas A., assignor.)
 American Manufacturing Company. (See Brown, Robert B., assignor.)
 American Merchandise Company. (See Berk, Lewis, assignor.)
 American Metal Company, The. (See Heuer, Russell P., assignor.)
 American Metal Company, The. (See Weinig, A. J., and Cuthbertson, assignors.)
 American Metal Company (Limited), The. (See Eppenstein, William F., assignor.)
 American Metal Hose Company. (See Hungerford, Charles S., assignor.)
 American Metal Products Corporation (Delaware). (See Kauffman, Samuel, assignor.)
 American Meter Company. (See Diehl, John C., assignor.)
 American Meter Company. (See Linderman, Garrett B., jr., assignor.)
 American Mills Company, The. (See Vacher, John, assignor.)
 American Multigraph Co. (See Phillips, Reginald G. A., assignor.)
 American Murex Corporation. (See Clarke, Edward J., assignor.)
 American-National Company, The. (See Barschow, George H., assignor.)
 American-National Company, The. (See van Doren, H. L., and Rideout, assignors.)
 American Optical Company. (See Allen, Clile C., assignor.)
 American Optical Company. (See Baker, Nelson M., assignor.)
 American Optical Company. (See Boutelle, William H., assignor.)
 American Optical Company. (See Cozzens, Charles O., assignor.)
 American Optical Company. (See Gagnon, Louis L., assignor.)
 American Optical Company. (See Glancy, Anna E., assignor.)
 American Optical Company. (See Goddu, Lloyd W., assignor.)
 American Optical Company. (See Gunning, William A., assignor.)
 American Optical Company. (See Hill, Harry W., assignor.)
 American Optical Company. (See Hill, H. W., and Tillyer, assignors.)
 American Optical Company. (See Laabs, Max A., assignor.)
 American Optical Company. (See Maynard, Albert E., assignor.)
 American Optical Company. (See Poeton, Lawrence, assignor.)
 American Optical Company. (See Schumacher, Elmer L., assignor.)
 American Optical Company. (See Splaine, Edward M., assignor.)
 American Optical Company. (See Styll, Harry H., assignor.)
 American Optical Company. (See Tillyer, Edgar D., assignor.)
 American Optical Company. (See Tillyer, E. D., and Tesson, assignors.)
 American Optical Company. (See Wells, Joel C., assignor.)
 American Optical Corporation. (See Tillyer, Edgar D., assignor.)
 American Ore Reclamation Company. (See Klugh, Bethune G., assignor.)
 American Ore Reclamation Company. (See Magee, Raymond C., assignor.)
 American Ore Reclamation Company. (See Shallock, Edward W., assignor.)
 American Ore Reclamation Company. (See Swinehart, George E., assignor.)
 American Oxythermic Corporation. (See Frankl, Mathias, assignor.)
 American Platinum Works. (See Ledig, Kurt K., assignor.)
 American Playground Device Company. (See Townsend, Paul V., assignor.)
 American Pop Corn Company. (See Smith, Cloyd H., assignor.)
 American Potash & Chemical Corporation. (See Allen, W. H., Ritchie, and Gale, assignors.)
 American Potash and Chemical Corporation. (See Burke, William E., assignor.)
 American Potash & Chemical Corporation. (See Gales, W. A., and Ritchie, assignors.)
 American Potash & Chemical Corporation. (See Ritchie, C. F., Gale, and Allen, assignors.)
 American Potash & Chemical Corporation. (See Ritchie, C. F., and Warren, assignors.)
 American Printing Company. (See Girdwoyn, Albert C., assignor.)
 American Propeller Company, The. (See Heath, Spencer, assignor.)
 American Propeller Company. (See Stelzer, William, assignor.)
 American Pulley Company, The. (See Bowen, Russell H., assignor.)
 American Pulley Company, The. (See Everson, Frank T., assignor.)

American Pulley Company, The. (See Walker, Alan C., assignor.)
 American Pulley Company, The. (See Watson, D. M., and Muñoz, assignors.)
 American Pulverizer Company. (See Elzemeyer, E. E., and Griesedieck, assignors.)
 American Pulverizing Corporation. (See Andrews, N. H., and Willoughby, assignors.)
 American Radiator Company. (See Brabbée, Charles W., assignor.)
 American Radiator Company. (See Cornell, Edward S., jr., assignor.)
 American Radiator Company. (See Douglas, Malcolm K., assignor.)
 American Radiator Company. (See Eggleston, Lewis W., assignor.)
 American Radiator Company. (See Eggleston, L. W., and Aurand, assignors.)
 American Radiator Company. (See Eggleston, L. W., and Dillman, assignors.)
 American Radiator Company. (See Haskins, L. O., and Reynolds, assignors.)
 American Radiator Company. (See Ludwig, Edgar V., assignor.)
 American Radiator Company. (See Merrttzanoff, André M., assignor.)
 American Radiator Company. (See Seward, Percival H., assignor.)
 American Radiator & Standard Sanitary Corporation. (See Bennett, Irving T., assignor.)
 American Radiator & Standard Sanitary Corporation. (See Bennett, I. T., and Reynolds, assignors.)
 American Radiator & Standard Sanitary Corporation. (See Murray, Joseph B., assignor.)
 American Radiator & Standard Sanitary Corporation. (See Reynolds, Frank C., assignor.)
 American Reinforced Paper Company. (See Anderson, Elmer T., assignor.)
 American Reinforced Paper Company. (See Gibbs, George E., assignor.)
 American Reinforced Paper Company. (See Stevenson, William N., assignor.)
 American Roll Gold Leaf Company. (See Littlefield, George E., assignor.)
 American Rolling Mill Company, The. (See Allsworth, Terrence W., assignor.)
 American Rolling Mill Company, The. (See Bell, George G., assignor.)
 American Rolling Mill Company, The. (See Bradley, H. W., and Schlup, assignors.)
 American Rolling Mill Company. (See Burgess, Clyde, assignor.)
 American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
 American Rolling Mill Company, The. (See McCutcheon, Kenneth C., assignor.)
 American Rolling Mill Company, The. (See Millan, E. N., and Jones, assignors.)
 American Rolling Mill Company, The. (See Moon, Alva H., assignor.)
 American Rolling Mill Company, The. (See Norris, Frank G., assignor.)
 American Rolling Mill Company, The. (See Payne, William H., assignor.)
 American Rolling Mill Company, The. (See Stringham, William, assignor.)
 American Rolling Mill Company, The. (See Tebyrićá, Mario W., assignor.)
 American Rolling Mill Company, The. (See Tesmer, William, assignor.)
 American Rolling Mill Company. (See Tytus, John B., assignor.)
 American Rubber Company. (See Linscott, Chester E., assignor.)
 American Rubber Company. (See Yeaton, G. S., and Blauer, assignors.)
 American Rubber Products Company. (See Lindh, Carl T. G., assignor.)
 American Safety Boiler Control Corporation. (See Austin, Frederick D., assignor.)
 American Safety Device Company. (See Bates, Sidney E., assignor.)
 American Safety Device Co. (See Davidson, Frederic A., assignor.)
 American Safety Device Co. (See Geer, Hobart S., assignor.)
 American Sales Book Company. (See Bottle, Edward K., assignor.)
 American Sales Book Company. (See Caton, William D., assignor.)
 American Sales Book Company. (See Kinzer, Charles W., assignor.)
 American Sales Book Company, Limited. (See Bottle, Edward K., assignor.)
 American Sales Book Company, Limited. (See Hagemann, Louis F., assignor.)
 American Sealcone Corporation. (See Frieden, Alexander, assignor.)
 American Sealcone Corporation. (See Jones, Ellis L., assignor.)
 American Sealcone Corporation. (See Lutz, George, assignor.)
 American Sealcone Corporation. (See Stanley, I., and Jones, assignors.)

- American Sealcone Corporation. (See Winton, Lewis B., assignor.)
- American Seating Company. (See Hamilton, George H., assignor.)
- American Seating Company. (See Hanson, Walter M., assignor.)
- American Seating Company. (See Merrill, Ralph K., assignor.)
- American Seating Company. (See Nuberg, Matthys, assignor.)
- American Seating Company. (See Vandervoort, Milford T., assignor.)
- American Security Company, The. (See Long, B., and Touvay, assignors.)
- American Sheet and Tin Plate Company. (See Bollinger, C. A., and Rodgers, assignors.)
- American Sheet and Tin Plate Company. (See Darbaker, James M., assignor.)
- American Sheet and Tin Plate Company. (See Goodhue, Archie R., assignor.)
- American Sheet and Tin Plate Company. (See Jenks, S. M., and Sutherland, assignors.)
- American Sheet and Tin Plate Company. (See Nichols, John T., assignor.)
- American Sheet and Tin Plate Company. (See Stockton, Franklin, assignor.)
- American Sheet and Tin Plate Company. (See Zimmerman, Rufus E., assignor.)
- American Ship Building Company, The. (See Bradley, Charles H., assignor.)
- American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
- American Show Case & Manufacturing Company. (See Copeland, Ira, assignor.)
- American Show Case & Manufacturing Company. (See Kaufman, Jacob M., assignor.)
- American Slicing Machine Company. (See Campbell, William J., assignor.)
- American Smelting & Refining Company. (See Bartholomew, George P., assignor.)
- American Smelting and Refining Company. (See Betterton, Jesse O., assignor.)
- American Smelting & Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
- American Smelting and Refining Company. (See Evans, George D., assignor.)
- American Smelting & Refining Company. (See Fleming, E. P., and Labbe, assignors.)
- American Smelting and Refining Company. (See Forbes, Gordon B., assignor.)
- American Smelting and Refining Company. (See Gonser, Bruce W., assignor.)
- American Smelting and Refining Company. (See Hasche, Rudolph L., assignor.)
- American Smelting and Refining Company. (See Rose, Charles A., assignor.)
- American Smelting & Refining Company. (See Rose, C. A., and O'Harra, assignors.)
- American Smelting and Refining Company. (See Swartz, C. E., and Phillips, assignors.)
- American Smelting & Refining Company. (See Teats, R., and Hasche, assignors.)
- American Smelting and Refining Company. (See Watzke, Albin R., assignor.)
- American Solvents & Chemical Corporation. (See Crowell, R. B., and Ebe, assignors.)
- American Soya Products Corporation. (See Bonotto, Michele, assignor.)
- American Stay Company. (See Merrick, Frank W., assignor.)
- American Steel and Wire Company, The. (See Hjelm, Arthur C., assignor.)
- American Steel and Wire Company, The. (See Mathieson, John G., assignor.)
- American Steel and Wire Company, The. (See Moreira, Salvador, assignor.)
- American Steel and Wire Company, The. (See Peterson, C. H., Sundt, and Tibbets, assignors.)
- American Steel and Wire Company, The. (See Phelps, Fred S., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Earnshaw, Charles H., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Phifer, James S., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Ralston, H. C., and Williams, assignors.)
- American Steel and Wire Company of New Jersey, The. (See Templeman, David R., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Toll, Carl J., assignor.)
- American Steel and Wire Company of New Jersey, The. (See Wallsten, Walfred A., assignor.)
- American Steel Foundries. (See Auriel, Ray G., assignor.)
- American Steel Foundries. (See Baselt, Walter H., assignor.)
- American Steel Foundries. (See Begley, J. P., and Arndt, assignors.)
- American Steel Foundries. (See Bender, Frederic H., assignor.)
- American Steel Foundries. (See Blakeslee, Jerome K., assignor.)
- American Steel Foundries. (See Bushman, Frank, assignor.)
- American Steel Foundries. (See Darby, Robert F., assignor.)
- American Steel Foundries. (See Ernst, Fritz B., assignor.)
- American Steel Foundries. (See Floyd, George G., assignor.)
- American Steel Foundries. (See Hedgcock, William C., assignor.)
- American Steel Foundries. (See Hedgcock, W. C., and Darby, assignors.)
- American Steel Foundries. (See Kayler, Frank H., assignor.)
- American Steel Foundries. (See Kinne, Edmund P., assignor.)
- American Steel Foundries. (See Kinne, E. P., and May, assignors.)
- American Steel Foundries. (See Lamont, J. A., and Lorenz, assignors.)
- American Steel Foundries. (See Oelkers, Alfred H., assignor.)
- American Steel Foundries. (See Porter, John W., assignor.)
- American Steel Foundries. (See Somervell, Howard, assignor.)
- American Steel Foundries. (See Street, Clement F., assignor.)
- American Steel Foundries. (See Whitney, Loren L., assignor.)
- American Steel Package Company, The. (See Behringer, Grover F., assignor.)
- American Sterilizer Company. (See Underwood, Weeden B., assignor.)
- American Stove Company. (See Wiedemann, John, assignor.)
- American Sundries Co. Inc. (See Lawner, N., and Duberstein, assignors.)
- American Swiss Company, The. (See Grund, Fletcher D., assignor.)
- American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
- American Tar Products Company. (See Rhodes, E. O., and Hager, assignors.)
- American Telegraph and Telephone Company. (See Nyquist, Harry, assignor.)
- American Telephone and Telegraph Company. (See Abraham, Leonard G., assignor.)
- American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
- American Telephone and Telegraph Company. (See Affel, H. A., and Green, assignors.)
- American Telephone and Telegraph Company. (See Almquist, M. L., and Thompson, assignors.)
- American Telephone and Telegraph Company. (See Andrews, J. P., and Popper, assignors.)
- American Telephone and Telegraph Company. (See Armstrong, Frank C., assignor.)
- American Telephone and Telegraph Company. (See Bailey, A., Herman, and Winttingham, assignors.)
- American Telephone & Telegraph Company. (See Bailey, R. S., and Shoffstall, assignors.)
- American Telephone and Telegraph Company. (See Bascom, Henry M., assignor.)
- American Telephone and Telegraph Company. (See Bonorden, Allen R., assignor.)
- American Telephone and Telegraph Company. (See Bradford, Raymond C., assignor.)
- American Telephone and Telegraph Company. (See Carpe, A., and Leibe, assignors.)
- American Telephone and Telegraph Company. (See Chapman, Arthur G., assignor.)
- American Telephone and Telegraph Company. (See Christ, Henry R., assignor.)
- American Telephone and Telegraph Company. (See Clarke, John L., assignor.)
- American Telephone and Telegraph Company. (See Crisson, George, assignor.)
- American Telephone and Telegraph Company. (See Darrow, Wirt E., assignor.)
- American Telephone and Telegraph Company. (See Davidsmeyer, O. H., and Augustine, assignors.)
- American Telephone and Telegraph Company. (See Deardoef, Ralph W., assignor.)
- American Telephone and Telegraph Company. (See Demarest, Charles S., assignor.)
- American Telephone and Telegraph Company. (See Edwards, Paul G., assignor.)
- American Telephone and Telegraph Company. (See Edwards, William H., assignor.)
- American Telephone and Telegraph Company. (See Edwards, W. H., and Green, assignors.)
- American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
- American Telephone and Telegraph Company. (See Espenschied, L., and Monk, assignors.)
- American Telephone and Telegraph Company. (See Fairchild, Frank E., assignor.)
- American Telephone and Telegraph Company. (See Freeman, A. E., and Livermore, assignors.)
- American Telephone and Telegraph Company. (See Freeman, A. E., and Smith, assignors.)
- American Telephone and Telegraph Company. (See Ganett, Danforth K., assignor.)
- American Telephone and Telegraph Company. (See Gardner, Leland A., assignor.)

- American Telephone and Telegraph Company. (See Getz, Emil L., assignor.)
 American Telephone and Telegraph Company. (See Gilman, George W., assignor.)
 American Telephone and Telegraph Company. (See Gray, Joseph H., assignor.)
 American Telephone and Telegraph Company. (See Green, Estill I., assignor.)
 American Telephone and Telegraph Company. (See Green, Irving W., assignor.)
 American Telephone and Telegraph Company. (See Green, I. W., and Bisbee, assignors.)
 American Telephone and Telegraph Company. (See Hamilton, Baxter P., assignor.)
 American Telephone and Telegraph Company. (See Hamilton, H. S., and Crisson, assignors.)
 American Telephone and Telegraph Company. (See Henneberger, Thomas C., assignor.)
 American Telephone and Telegraph Company. (See Henneberger, T. C., assignor, and Pike.)
 American Telephone and Telegraph Company. (See Herman, Joseph, assignor.)
 American Telephone and Telegraph Company. (See Holden, William H. T., assignor.)
 American Telephone and Telegraph Company. (See Holden, W. H. T., assignor, and Jutson.)
 American Telephone and Telegraph Company. (See Hollmann, Hans E., assignor.)
 American Telephone and Telegraph Company. (See Hunter, Russell N., assignor.)
 American Telephone and Telegraph Company. (See Kellers, Edgar E., assignor.)
 American Telephone and Telegraph Company. (See Leibe, Frank A., assignor.)
 American Telephone and Telegraph Company. (See Lewis, Edwin, assignor.)
 American Telephone and Telegraph Company. (See Lindsay, Russell H., assignor.)
 American Telephone and Telegraph Company. (See Lockrow, Laurie L., assignor.)
 American Telephone & Telegraph Company. (See Martin, DeLoss K., assignor.)
 American Telephone and Telegraph Company. (See Matte, Andrew L., assignor.)
 American Telephone and Telegraph Company. (See McCann, Thomas A., assignor.)
 American Telephone and Telegraph Company. (See Mitchell, Doren, assignor.)
 American Telephone and Telegraph Company. (See Nelson, Stanley F., assignor.)
 American Telephone and Telegraph Company. (See Newby, N. D., and Moody, assignors.)
 American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
 American Telephone and Telegraph Company. (See Ohl, Russell S., assignor.)
 American Telephone and Telegraph Company. (See Perry, Donald B., assignor.)
 American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
 American Telephone and Telegraph Company. (See Pruden, H. M., and Taylor, assignors.)
 American Telephone and Telegraph Company. (See Ratta, James A., assignor.)
 American Telephone and Telegraph Company. (See Rea, Wilton T., assignor.)
 American Telephone and Telegraph Company. (See Reagan, Oliver, assignor.)
 American Telephone and Telegraph Company. (See Richey, Charles V., assignor.)
 American Telephone and Telegraph Company. (See Schramm, Fred W., assignor.)
 American Telephone and Telegraph Company. (See Shanck, Roy B., assignor.)
 American Telephone and Telegraph Company. (See Singer, Fred J., assignor.)
 American Telephone and Telegraph Company. (See Smythe, Edwin H., assignor.)
 American Telephone and Telegraph Company. (See Spowart, John B., assignor.)
 American Telephone and Telegraph Company. (See Staples, Elliot M., assignor.)
 American Telephone and Telegraph Company. (See Stone, John S., assignor.)
 American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
 American Telephone and Telegraph Company. (See Taylor, Edmund R., assignor.)
 American Telephone and Telegraph Company. (See Taylor, E. R., and Wright, assignors.)
 American Telephone and Telegraph Company. (See Thompson, Albert C., assignor.)
 American Telephone and Telegraph Company. (See Thorp, Vaughn P., assignor.)
 American Telephone and Telegraph Company. (See Vaage, Emil F., assignor.)
 American Telephone and Telegraph Company. (See Watson, Edward F., assignor.)
 American Telephone and Telegraph Company. (See Weaver, Allan, assignor.)
 American Telephone and Telegraph Company. (See Wilson, Leon T., assignor.)
 American Telephone and Telegraph Company. (See Wright, S. B., and Mitchell, assignors.)
 American Telephone & Telegraph Company. (See Wright, S. B., and Taylor, assignors.)
 American Telephone and Telegraph Company. (See Zieschang, Gustav H., assignor.)
 American Telephone and Telegraph Company. (See Zinn, Manuel K., assignor.)
 American Telephone and Telegraph Company et al. (See Holden, W. H. T., assignor, Jutson, and Larew.)
 American Thermos Bottle Company, The. (See Schlumbohm, Peter, assignor.)
 American Thread Company, The. (See Gateley, P. T., and Bowen, assignors.)
 American Throttle Company. (See McKee, Neal T., assignor.)
 American Throttle Company. (See Ringel, C., and Carter, assignors.)
 American Throttle Company. (See Robinson, Eric A., assignor.)
 American Throttle Company Inc. (See Stuebing, Albert F., assignor.)
 American Tissue Mills. (See Perkins, Benjamin F., assignor.)
 American Tobacco Company, The. (See Addison, H. A., and Tyren, assignors.)
 American Tobacco Company. (See Chesley, Almond L., assignor.)
 American Tobacco Company, The. (See Fitzgerald, James J., assignor.)
 American Tobacco Company, The. (See Mallgraf, Ferdinand, assignor.)
 American Tobacco Company, The. (See Molins, W. E., and Chalmers, assignors.)
 American Tobacco Company, The. (See Walker, E. P., Wray, and Walker, assignors.)
 American Tobacco Company, et al., The. (See Weisner, Robert L., assignor.)
 American Tool and Machine Company. (See Hargraves, James N., assignor.)
 American Tool and Machine Company. (See Williams, Frank L., assignor.)
 American Tool Works Company, The. (See Hoelscher, William G., assignor.)
 American Tool Works Company, The. (See Hoelscher, W. G., and Hieber, assignors.)
 American Tool Works Company, The. (See Hoelscher, W. G., and Robinson, assignors.)
 American Tool Works Company, The. (See Robinson, Albert E., assignor.)
 American Tool Works Company, The. (See Robinson, A. R., and Hoelscher, assignors.)
 American Tractor Equipment Co. (See Bacon, Edward R., assignor.)
 American Tractor Equipment Co. (See Maloon, Earl B., assignor.)
 American Transformer Company. (See Gaston, John R., assignor.)
 American Transformer Company. (See Thompson, R. C., and Webster, assignors.)
 American Valve and Meter Company, The. (See Bolt, Malon C., assignor.)
 American Valve and Meter Company, The. (See Elmore, Paul W., assignor.)
 American Voith Contact Company. (See Lang, Richard T., assignor.)
 American Welding & Manufacturing Co., The. (See Meyer, Frank H., assignor.)
 American Well and Prospecting Company. (See Zilen, Victor W., assignor.)
 American Window Glass Company. (See Pierce, Lonnie J., assignor.)
 American Window Glass Company. (See Stein, Edward J., assignor.)
 American Window Glass Company. (See Murphy, J. F., and Magrini, assignors.)
 American Windsor Glass Company. (See Clark, Henry F., assignor.)
 American Wringer Company. (See Berlow, Charles, assignor.)
 American Wringer Company. (See Keltie, George R., assignor.)
 American Writing Paper Company. (See Jackson, Percy A., assignor.)
 American "Z" Corporation. (See Zarotschenzeff, Mikail T., assignor.)
 American Zolite Corporation. (See Riley, Ray, assignor.)
 American Zinc Lead & Smelting Company. (See MacIntire, W. H., and Stansel, assignors.)
 Ameritex-Sudanette, Div. of Cohn-Hall Marx Company. (See Von Eisenbarth, August, assignor.)
 Ames, Adelbert, jr., and G. H. Gliddon, assignors to trustees of Dartmouth College, Hanover, N. H. Optical correction of cyclophoria. 1,908,296; May 9.
 Ames, Adelbert, jr., and G. H. Gliddon, assignors to trustees of Dartmouth College, Hanover, N. H. Eye-glasses for correcting retinal image asymmetry. 1,933,578; Nov. 7.
 Ames, Allen E., et al. (See Guenther, George A., assignor.)
 Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
 Ames Baldwin Wyoming Shovel Co. (See Wharton, George C., assignor.)
 Ames, Elmer O., Tulare, Calif. Gear head for turbine pumps. 1,915,845; June 27.
 Ames, Oliver W., La Verne, Calif. Making composite photographs. 1,933,953; Nov. 7.

- Ames Pump Company. (See Gruman, Lloyd B., assignor.)
Ames, Warren, Waltham, Mass. Measuring gauge. 1,903,322; Apr. 4.
- Amick, Kenneth E., and J. S. Combs, Indianapolis, Ind. Waste cleaner mechanism. 1,938,788; Dec. 12.
- Amick, Marion G., Wilmington, Del., F. B. Downing and A. E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing tetra alkyl lead. 1,907,701; May 9.
- Amico, Joseph, Detroit, Mich. Last mounting. 1,936,418; Nov. 21.
- Amiesite Asphalt Company of America. (See Hepburn, Donald McK., assignor.)
- Amis, Robert D., Topeka, Kans. Rotary sharpening device. 1,914,660; June 20.
- Amling, Albert J. and E. C., Orange, assignors to Amling Brothers, Santa Ana, Calif. Hybrid tea rose. Pl. Pt. 59; Apr. 4.
- Amling Brothers. (See Amling, Albert J. and E. C., assignors.)
- Amling, Ernst C. (See Amling, Albert J. and E. C.)
- Ammerman, Clinton P. (See Pasternack, R., and Ammerman.)
- Ammons, Ralph W., Los Angeles, Calif. Earthworking implement. 1,896,568; Feb. 7.
- Amon, Fred H., Weston, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Producing colored concrete. 1,910,419; May 23.
- Amosen, George H., Minneapolis, Minn. Clutch. 1,938,573; Dec. 12.
- Amor, George W., Norbury, England. Coupling device. 1,919,858; July 25.
- Amorosi, Raoul, Chicago, assignor of one-half to Charles P. Nordberg, Lake Forest, Ill. Brake equalizer for automobiles. 1,931,481; Oct. 24.
- Amory, Charles M., New York, N. Y. Apparatus for scoring boxing bouts and the like. 1,922,517; Aug. 15.
- Amos, Frances C., Stratford, Conn. Curtain stretcher. 1,894,748; Jan. 17.
- Amos, James L. (See Boundy, R. H., and Amos.)
- Amoss, Samuel C., assignor of one-fourth to W. A. McLeran, Baltimore, Md., Edge trimmer. 1,940,160; Dec. 19.
- Amrad Corporation, The. (See Lilienfeld, Julius E., assignor.)
- Ams, Max, Chemical Engineering Corporation, The. (See Brenzinger, Julius, assignor.)
- Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Electrical rectifier. 1,926,708; Sept. 12.
- Amsler-Morton Company, The. (See Geer, Paul L., assignor.)
- Amsler-Morton Company. (See Morton, W. A., and Geer, assignors.)
- Amsler, Walter O., Toledo, Ohio, assignor to Simplex Engineering Company, Washington, Pa. Glass polishing apparatus. 1,909,902; May 16.
- Amspacker, Lemmet L., Glasco, Kans. Egg case carrier. 1,901,277; Mar. 14.
- Amstutz, Forest C., assignor to The Dow Chemical Company, Midland, Mich. Making dichloroacetic acid. 1,921,717; Aug. 8.
- Amundsen, Arvid, Brighton, Mass. Soldering iron. 1,928,522; Sept. 26.
- Amundson, Charles J., Osseo, Wis. Violin gluing form. 1,895,743; Jan. 31.
- Amy, Aceves & King, Inc. (See Amy, E. V., and King, assignors.)
- Amy, Aceves & King, Incorporated. (See Amy, E. V., and Aceves, assignors.)
- Amy, Ernest V., and J. G. Aceves, assignors to Amy, Aceves & King, Incorporated, New York, N. Y. Radio receiving system. 1,938,092; Dec. 5.
- Amy, Ernest V., and F. King, assignors to Amy, Aceves & King, Inc., New York, N. Y. Radio aerial attachment. 1,920,162; July 25.
- Amyot, Adélard, Montreal, Quebec, Canada. Refrigerator. 1,928,239; Sept. 26.
- Anabisa, Tiofilo L. (See Pineda, U., and Anabisa.)
- Anaconda Wire and Cable Company. (See Freeland, Orville, F., assignor.)
- Anaconda Wire and Cable Company. (See Kennedy, Joseph A., assignor.)
- Anaconda Wire and Cable Company. (See Slotsky, Samuel J., assignor.)
- Anareta, Alejandro, Manila, P. I. Combined typhoonoscope and barometer. 1,920,048; July 25.
- Anastasi, Pasquale, Washington, D. C. Hair and scalp treating apparatus. 1,896,933; Feb. 7.
- Anastor, Charles G., assignor to Kimble Glass Company, Vineland, N. J. Dispensing appliance. 1,916,195; July 4.
- Anchor Cap & Closure Corporation. (See Fleisch, Joseph R., assignor.)
- Anchor Cap & Closure Corporation. (See Hammer, Charles, assignor.)
- Anchor Cap & Closure Corporation. (See Holland, Norman N., assignor.)
- Anchor Cap & Closure Corporation. (See Mullen, George W., assignor.)
- Anchor Cap & Closure Corporation. (See Osborne, Andrew G., assignor.)
- Anchor Cap & Closure Corporation. (See Scofield, assignor.)
- Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)
- Anchor Packing Company, The. (See Walton, Julian N., assignor.)
- Anciens Etablissements Duverdrey & Bloquel. (See Gody, Henri, assignor.)
- Anciens Etablissements R. Cornely & Cie., Société Anonyme. (See Jalbert, Georges, assignor.)
- Anciens Etablissements R. Cornely & Cie (Societe Anonyme.) (See Morel, Felix, assignor.)
- Ancira, Gonzalo, San Antonio, Tex. Folding container or box. 1,918,887; July 18.
- Ancona, John F., Reading, Pa. Fishing reel. 1,895,304; Jan. 24.
- Anderegg, Frederick O. (See Hüttemenn, E., and Czernin, assignors.)
- Anders, Erich. (See Eule, M., and Anders.)
- Anders, Lindahl. (See Luttrupp, Conrad, assignor.)
- Anders, Ray, Indianapolis, Ind. Apparatus for forming removable ice cream wrappers. 1,900,033; Mar. 7.
- Andersag, Hans. (See Schönhöfer, F., and Andersag.)
- Andersen, Björn. (See Walsh, J. F., and Andersen.)
- Andersen, Björn, Newark, and C. Lyng, Bayonne, N. J., assignors to Celluloid Corporation. Coated cellulosic plastic. 1,909,795; May 16.
- Andersen, Edward, Woodhaven, N. Y. Self-sealing collapsible tube. 1,922,652; Aug. 15.
- Andersen, George F., assignor to Weltha Process Corporation, Seattle, Wash. Dehydrating process and apparatus. 1,913,470; June 13.
- Andersen, Gunnar E., Elmhurst, assignor of two-thirds to J. D. Milne and A. H. Tax, Chicago, Ill. Cylinder boring machine. 1,899,128; Feb. 28.
- Andersen, Johan M., Brookline, assignor to Albert & J. M. Andersen Manufacturing Company, Boston, Mass. Rewinding mechanism for clock springs. 1,905,783; Apr. 25.
- Andersen, Lauritz W., Waterbury, Conn. Lamp shade bracket. 1,922,754; Aug. 15.
- Andersen, Niels C., assignor to The Goss Printing Press Co., Chicago, Ill. Delivery mechanism for printing presses. 1,928,923; Oct. 3.
- Andersen, Poul S. R., Copenhagen, Denmark. Exposure and copying of photographs and cinematographic records in natural colors. 1,904,600; Apr. 18.
- Andersen, Theodore A., Fort Wayne, Ind. Fumigator. 1,911,871; May 30.
- Anderson, Albert & J. M., Manufacturing Company. (See Anderson, Johan M., assignor.)
- Anderson, Albert & J. M., Manufacturing Company. (See Huse, Ralph L., assignor.)
- Anderson, Albert & J. M., Manufacturing Company. (See Sundberg, Carl E., assignor.)
- Anderson, Alexander, Fullerton, Calif. Bore hole surveying apparatus. 1,903,969; Apr. 18.
- Anderson, Alexander, assignor to Anderson, Boyes & Company Limited, Motherwell, Scotland. Cutter chain for coal-cutting machines. 1,932,947; Oct. 31.
- Anderson, Alexander, assignor to Anderson, Boyes & Company Limited, Motherwell, Scotland. Cutter-chain for coal-cutting machines. 1,932,948; Oct. 31.
- Anderson, Alexander, assignor to Anderson Boyes & Company Limited, Motherwell, Scotland. Cutter-chain for coal cutting machines. 1,932,949; Oct. 31.
- Anderson, Alexander P. Red Wing, Minn. Production of puffed products. 1,924,827; Aug. 29.
- Anderson, Alexander P. Red Wing, Minn., assignor to Anderson Puffed Rice Company, Chicago, Ill. Production of puffed products. 1,924,826; Aug. 29.
- Anderson, Alfred G., Minneapolis, Minn., assignor to Specialty Products Co. Newspaper ster. 1,925,649; Sept. 5.
- Anderson, Amers W., and E. O. Stecher, Spokane, Wash. Combination kitchen machine. 1,907,413; May 2.
- Anderson, Andrew G., Wollaston, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener and installation thereof. 1,928,534; Sept. 26.
- Anderson, Andrew X., San Francisco, Calif. Insect destroying device. 1,921,901; Aug. 8.
- Anderson, Anton J., Jersey City, N. J. Mainspring for watches, clocks, etc. 1,922,921; Aug. 15.
- Anderson, Arleigh W. (See Leask, J. P., and Anderson.)
- Anderson, Arne. (See Malm, C. J., and Andersen.)
- Anderson, Arnold A., Peoria, Ill., assignor to W. L. McGinley, Dallas, Tex. Adjustable tray support. Re18,998; Nov. 14.
- Anderson, Arnold O., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc horn. 1,934,518; Nov. 7.
- Anderson, Arthur W. (See Wideman, L., Anderson, and Rider.)
- Anderson, Arvid E., Lansdowne, Pa., assignor to General Electric Company. System of electric distribution. 1,893,347; Jan. 3.
- Anderson, Arvid E., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker control system. 1,893,348; Jan. 3.
- Anderson, Arvid E., Lansdowne, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 1,902,483; Mar. 21.
- Anderson, Arvid E., Lansdowne, Pa., assignor to General Electric Company. System of electric distribution. 1,917,083; July 4.
- Anderson, August E., Montclair, N. J. Spark plug. 1,905,957; Apr. 25.
- Anderson, Axel V., Beacon, assignor to New York Rubber Corporation, New York, N. Y. Making inflatable articles. 1,920,961; Aug. 8.

- Anderson Banking Company, executor. (See Norviel, Harry E.)
- Anderson Barngrover Mfg. Co. (See Thompson, Albert R., assignor.)
- Anderson, Benjamin H., Mansfield, Mass. Reenforce attachment for stockings. 1,930,030; Oct. 10.
- Anderson, Bennett R., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Oil recovery apparatus. 1,921,279; Aug. 8.
- Anderson, Bernard O., East McKeesport, Pa. Hot air deflector. 1,899,603; Feb. 28.
- Anderson, Bert J., and R. T. Turner, Hammond, Ind. Velocipede. Des. 90,009; May 30.
- Anderson, Boyes & Company Limited. (See Anderson, Alexander, assignor.)
- Anderson, Carl A., Chicago, Ill., assignor to General Can Company. Can closing machine. 1,941,195; Dec. 26.
- Anderson, Carl E., Brooklyn, N. Y. Rotary pump. 1,903,606; Apr. 11.
- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 1,902,935; Mar. 28.
- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Paper fastener. 1,927,623; Sept. 19.
- Anderson, Carl H., assignor to The Burdick Corporation, Milton, Wis. Collapsible bath cabinet. 1,917,629; July 11.
- Anderson, Carl J., Brooklyn, N. Y. Adjustable shade roller support. 1,911,255; May 30.
- Anderson, Carl J., assignor of fifty-one and two-thirds per cent to Erik Borg and fifteen per cent to Carl U. Johanson, Chicago, Ill. Grinding machine. 1,897,035; Feb. 14.
- Anderson, Carl J., assignor of fifteen per cent to C. U. Johanson and fifty-one and two-thirds per cent to E. Borg, Chicago, Ill. Grinding machine. 1,918,951; July 18.
- Anderson, Carl O. (See Davis, S. H., Anderson, Smith, and Hanley.)
- Anderson, Charles A. Minneapolis, Minn. Warming bag. 1,915,044; June 20.
- Anderson, Charles G. E., Andover, Mass. Poultry feeder. 1,914,987; June 20.
- Anderson, Charles W., Toledo, Ohio. Drain trap. 1,916,911; July 4.
- Anderson, Christopher J., assignor to Blazek Cold Storage Door Company, Chicago, Ill. Cold Storage doorlock. 1,924,898; Aug. 29.
- Anderson, Clare, Belleville, N. J., assignor to Westinghouse Electric & Manufacturing Company. Shutter. 1,934,519; Nov. 7.
- Anderson, Clare, Belleville, and R. H. Lewis, North Arlington, N. J., assignors to Westinghouse Electric and Manufacturing Company. Oscillograph film holder. 1,911,338; May 30.
- Anderson, Clarence A., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electrical testing apparatus. 1,908,297; May 9.
- Anderson, Claus W. (See Perkins, Ralph D., assignor.)
- Anderson, Clayton & Co. (See Dunseth, Hilton E., assignor.)
- Anderson Co., The. (See Smulski, Theodore J., assignor.)
- Anderson, David H., Petaluma, Calif. Poultry nest. 1,926,133; Sept. 12.
- Anderson, Edith M. (See Anderson, Swan F., assignor.)
- Anderson, Edward. (See Maxwell, G. E., and Anderson.)
- Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Fan. 1,910,225; May 23.
- Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Fan. 1,920,543; Aug. 1.
- Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Line-flow fan. 1,920,952; Aug. 8.
- Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Fan injector. 1,922,070; Aug. 15.
- Anderson, Edward W. (See Hosmer, J. O., and Anderson.)
- Anderson, Elmer, and F. Schabert, San Francisco, Calif. Tool. 1,929,233; Oct. 3.
- Anderson, Elmer E. (See Rueckart, W. G., and Anderson.)
- Anderson, Elmer T., Ontarioville, Ill., assignor to American Reinforced Paper Company, Attleboro, Mass. Building structure. 1,934,651; Nov. 7.
- Anderson, Emil, Briarcliff Manor, N. Y. Power transmission mechanism. 1,921,598; Aug. 8.
- Anderson, Emil, Briarcliff Manor, N. Y., assignor of three-fourths to Olson Brothers Saw Manufacturing Company. Speed indicating, control, signal, and alarm device. 1,938,679; Dec. 12.
- Anderson, Emma M., administratrix. (See Anderson, John W.)
- Anderson, Eric L. (See Cook, E., and Anderson.)
- Anderson, Ernest D., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Forming easy opening containers. 1,898,925; Feb. 21.
- Anderson, Ernest H. B., deceased, Westfield, N. J., assignor to C. A. Parsons, Newcastle-on-Tyne, England, K. Parsons, V. Thompson, and F. G. H. Bedford, legal representatives. Geared turbine installation. 1,938,365; Dec. 5.
- Anderson, Ernst G. K., Evanston, Ill., assignor to Appleton Electric Company. Means to prevent loss of screws. 1,927,780; Sept. 19.
- Anderson, Ernst G. K., Evanston, Ill., assignor to Appleton Electric Company. Switch box having plug-in means. 1,934,024; Nov. 7.
- Anderson, Ernst G. K., Evanston, Ill., assignor to Appleton Electric Company. Socket receptacle. 1,935,586; Nov. 14.
- Anderson, Eugene D. (See Brown, H. P., and Anderson, assignors.)
- Anderson, Evald, San Marino, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation apparatus. 1,926,025; Sept. 12.
- Anderson, Felix F., Oslo, Norway. Pneumatic tire. 1,901,862; Mar. 21.
- Anderson, Folsom P., Detroit, Mich. Horizontal combination boiler. 1,933,695; Nov. 7.
- Anderson, Frithiof B., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 1,904,598; Apr. 18.
- Anderson, Fritz A., assignor to The Burdick Corporation, Milton, Wis. Therapeutic appliance. 1,940,671; Dec. 26.
- Anderson, Frohman, Detroit, Mich., assignor to All Fair Incorporated, Churchville, N. Y. Figure toy. 1,894,144; Jan. 10.
- Anderson, George K., Pittsburgh, Pa., assignor to The Neville Company. Polymerization of coumarone. 1,922,342; Aug. 15.
- Anderson, Gottfried T., assignor to H. D. Colman, Rockford, Ill. Reversible electric motor. 1,935,606; Nov. 21.
- Anderson, Grover C., Gateway, Mont. Aerial bomb. 1,903,348; Apr. 4.
- Anderson, Gust, Ashtabula, Ohio. Water heater. 1,897,413; Feb. 14.
- Anderson, Gustaf E., Brockton, Mass. Machine for attaching ornaments to shoes. 1,902,605; Mar. 21.
- Anderson, Gustaf R., Lynn, Mass. Smoothing machine. 1,940,738; Dec. 26.
- Anderson, Gustav H., assignor to The Hart & Hutchinson Company, New Britain, Conn. Concealed door closer and check. 1,898,609; Feb. 21.
- Anderson, Gustave, assignor to Brown Company, Berlin, N. H. Conduit trimmer. 1,915,350; June 27.
- Anderson, Gustave A., assignor to L. R. Smith, receiver of Apco Mossberg Corporation, Attleboro, Mass. Cop tube. 1,916,183; June 27.
- Anderson, Gustave A., assignor to Lewis R. Smith, receiver of Apco Mossberg Corporation, Attleboro, Mass. Making cop tubes. 1,934,652; Nov. 7.
- Anderson, Gustave R., Cambridge, Minn. Emblem. Des. 90,010; May 30.
- Anderson, Hans, Vancouver, British Columbia, Canada. Rope sling. 1,931,808; Oct. 24.
- Anderson, Harley E., assignor to Gustin Bacon Manufacturing Company, Kansas City, Mo. Slack adjuster. 1,935,607; Nov. 21.
- Anderson, Harrison, Los Angeles, Calif. Bookholder. 1,893,976; Jan. 10.
- Anderson, Harrison, Los Angeles, Calif. Bookholder. 1,893,977; Jan. 10.
- Anderson, Harry G., New York, N. Y. Electric hair comb and hair-straightening means. 1,937,004; Nov. 28.
- Anderson, Harry T. (See Endsley, L. E., and Anderson.)
- Anderson, Harry T., Butler, Pa. Car door. 1,896,474; Feb. 7.
- Anderson, Harry T., Butler, Pa. Door. 1,928,825; Oct. 3.
- Anderson, Harry T., Butler, Pa. Leveling and safety device. 1,928,826; Oct. 3.
- Anderson, Harry W., Chicago, Ill. Bathtub waste. 1,909,852; May 16.
- Anderson, Homer A., Brooklyn, N. Y. Radio apparatus. 1,904,668; Apr. 18.
- Anderson, Howard P. (See Pickard, F. C., and Anderson.)
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker conveyor. 1,925,710; Sept. 5.
- Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker construction. 1,938,565; Dec. 12.
- Anderson, Ian B., R. F. Thomson, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Production of dibenzanthrone derivatives and the like. 1,893,530; Jan. 10.
- Anderson, Ian B., R. F. Thomson, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Production of benzanthrone derivatives. 1,921,496; Aug. 8.
- Anderson, James, Ashland City, Tenn. Powder sprayer. 1,924,013; Aug. 22.
- Anderson, James H. (See Twiss, D. F., Jones, and Anderson.)
- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of scale-free welded tubing. 1,893,926; Jan. 10.
- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting metal by means of gases. 1,901,428; Mar. 14.
- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Wire feed device. 1,903,953; Apr. 18.
- Anderson, James L., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method of welding and apparatus therefor. 1,904,599; Apr. 18.

- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding circumferential seams and apparatus therefor. 1,907,702; May 9.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for cutting pipe. 1,915,912; June 27.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding method and apparatus therefor. 1,915,913; June 27.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding method. 1,915,914; June 27.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting torch. 1,919,764; July 25.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for trimming pipe. 1,928,121; Sept. 26.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for welding. 1,930,847; Oct. 17.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for welding pipe. 1,933,133; Oct. 31.
- Anderson, James L., Tenafl, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Automatic cutting or welding machine. 1,933,300; Oct. 31.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch holder for portable machines. 1,915,915; June 27.
- Anderson, James W. (See Snyder, Louis M., assignor.)
- Anderson, James W., Berkeley, assignor to Anderson Manufacturing Company, Hollywood, Calif. Apparatus for making medley pictures. 1,920,671; Aug. 1.
- Anderson, Jason T., Harrisburg, Ore. Trailer for tricycles and the like. 1,931,685; Oct. 24.
- Anderson, Johan A., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 1,928,365; Sept. 26.
- Anderson, Johan E., Saltsjö-Jarla, near Stockholm, Sweden, assignor to De Laval Steam Turbine Company, Trenton, N. J. Lubricating means for gearing. 1,912,422; June 6.
- Anderson, John, Lawrence, Mass. Circuit closing device. 1,899,604; Feb. 28.
- Anderson, John, New York, N. Y. Clutches for controlling motors. 1,907,171; May 2.
- Anderson, John A., Grand Rapids, Mich. Curtain stretcher. 1,917,084; July 4.
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Antisolvent dewaxing. 1,907,703; May 9.
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Wax removal from oil. 1,927,057; Sept. 19.
- Anderson, John C., Keyport, N. J. Conveyor belt element forming machine. 1,911,143; May 23.
- Anderson, John E., assignor to Pilibrico Jointless Firebrick Company, Chicago, Ill. Furnace construction. 1,922,516; Aug. 15.
- Anderson, John E., assignor to Pilibrico Jointless Firebrick Company, Chicago, Ill. Apparatus for applying cementitious material. 1,933,543; Nov. 7.
- Anderson, John P., Koppel, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Car construction. 1,897,831; Feb. 14.
- Anderson, John W., deceased, Brooklyn, N. Y., Emma M. Anderson, administratrix. Liquid heater. 1,919,681; July 25.
- Anderson, John W., Gary, Ind. Windshield wiper. 1,931,098; Oct. 17.
- Anderson, John W., assignor to General Sheet Metal Works, Inc., South Bend, Ind. Portable steam generator. 1,922,343; Aug. 15.
- Anderson, Joseph B. (See Anderson, Joseph, L. V. and J. B.)
- Anderson, Joseph, L. V. and J. B., Lehi, Utah. Circuit closer. 1,917,481; July 11.
- Anderson, Karl A., Cleveland, Ohio. Saw-setting device. 1,937,182; Nov. 28.
- Anderson, Karl E., Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Wind-up mechanism. 1,925,580; Sept. 5.
- Anderson, Leo V. (See Anderson, Joseph, L. V. and J. B.)
- Anderson, Loris R., Brooklyn, and H. E. Pengilly, Hollis, N. Y. Continuous indicating viscosity gauge. 1,919,921; July 25.
- Anderson, Louis W., Elizabeth, N. J., assignor to Gillette Safety Razor Company, Boston, Mass. Strip supporting mechanism. 1,902,010; Mar. 21.
- Anderson, Mabel V., Lewiston, Maine, assignor of one-fourth to A. E. Heath, Crumppall, England, and one-fourth to E. G. Canham, Auburn, Maine. Revolving cylinder pump. 1,921,720; Aug. 8.
- Anderson Manufacturing Company. (See Anderson, James W., assignor.)
- Anderson, Martin. (See Monro, A., Wawn, and Anderson.)
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Conveyor. 1,893,574; Jan. 10.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Brake mechanism for conveyers. 1,900,149; Mar. 7.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Conveying system. 1,900,150; Mar. 7.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Brake mechanism for conveyers. 1,924,899; Aug. 29.
- Anderson, Martin J., assignor to Mathews Conveyor Company, Ellwood City, Pa. Conveying mechanism. 1,931,454; Oct. 17.
- Anderson, Maurice, Negaunee, Mich. Snow shovel. 1,898,234; Feb. 21.
- Anderson, Maurice, Mason City, Iowa. Life preserver suit. 1,901,859; Mar. 21.
- Anderson, Maurice, Edgewood, R. I., assignor to Levy, Anderson Co., Inc. Foldable buckle. 1,902,535; Mar. 21.
- Anderson, Maurice, Edgewood, R. I., assignor to Levy, Anderson Co., Inc. Bracelet chain. 1,931,124; Oct. 17.
- Anderson, Muir, Chicago Heights, Ill. Loom. 1,894,336; Jan. 17.
- Anderson, Nils, P. E., Elm Grove, assignor to Harnischfeger Corporation, Milwaukee, Wis. Cupola charger. 1,911,738; May 30.
- Anderson, Norman T. (See Sweeley, E. A., and Anderson.)
- Anderson, Oliver H., Superior, Ariz., assignor to Safeway Auto License System, Inc. License plate. 1,903,155; Mar. 28.
- Anderson, Oscar B., Roselle, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil. Des. 89,846; May 9.
- Anderson, Oscar E., Chanute, Kans. Shrubbery irrigator. 1,925,622; Sept. 5.
- Anderson, Oscar M. (See Juengst, F. W., and Anderson.)
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Fruit juice extractor. Des. 89,942; May 23.
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Electric vacuum cleaner. Des. 89,943; May 23.
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Support for culinary appliances. Des. 90,276; July 11.
- Anderson, Oscar T., Adams, Minn. Timing mechanism. 1,908,298; May 9.
- Anderson, Otto J., Moline, assignor to Buddy "L" Mfg. Co., East Moline, Ill. Steering mechanism for toy vehicles. 1,839,379; Dec. 12.
- Anderson, Otto J., Moline, assignor to Buddy "L" Mfg. Co., East Moline, Ill. Lighting system for toy vehicles. 1,939,380; Dec. 12.
- Anderson, Per A., New Dorp, N. Y. Carburetor. 1,929,234; Oct. 3.
- Anderson, Per A. H., Chicago, Ill. Sash construction. 1,894,529; Jan. 17.
- Anderson, Per O., Minneapolis, Minn. Storm sash operator. 1,922,722; Aug. 15.
- Anderson, Philip G., New Rochelle, N. Y. Stairway construction. 1,893,876; Jan. 10.
- Anderson, Philip R., Miller, Ind., assignor to Sellstrom Manufacturing Company, Chicago, Ill. Goggles. 1,909,796; May 16.
- Anderson Puffed Rice Company. (See Anderson, Alexander P., assignor.)
- Anderson, Ralph J., and D. G. Thomas, Stoughton, Wis. Casket lowering device. Des. 89,734; May 2.
- Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Antifriction steering mechanism. 1,909,563; May 16.
- Anderson, Raymond M. (See Linkert, H. W., and Anderson.)
- Anderson, Ren M., Cincinnati, Ohio. Combined animated and changeable sign. 1,904,966; Apr. 18.
- Anderson, Reuben W., and M. J. Kane, Minneapolis, Minn. Display device. 1,917,005; July 4.
- Anderson, Robert. (See Free, J. W., and Anderson.)
- Anderson, Roger, Seattle, Wash. Splint. 1,928,658; Oct. 3.
- Anderson, Rosemond T., Huntington, assignor of forty-one hundredths to Justus Collins, Charleston, W. Va. Aeronautical apparatus. 1,929,011; Oct. 3.
- Anderson, Samuel M. (See Davis, J. H., and Anderson.)
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Assembly of metal surfaces. 1,896,656; Feb. 7.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning control. 1,902,818; Mar. 28.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Air conditioning method and apparatus. 1,917,006; July 4.
- Anderson, Samuel M., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Air conditioning apparatus. 1,933,039; Oct. 31.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Apparatus for conditioning air. 1,936,243; Nov. 21.
- Anderson, Sven W. E., assignor to Servel, Inc., New York, N. Y. Self-freezing ice tray. 1,918,313; July 18.
- Anderson, Swan F., assignor to E. M. Anderson, Rockford, Ill. Spray gun. 1,907,031; May 2.
- Anderson, Ted A., Battle Creek, Mich. Adjustable tie-rod for concrete wall forms. 1,898,332; Feb. 21.

- Anderson, Tonnes C., Ruthton, Minn. Receptacle closure. 1,920,672; Aug. 1.
- Anderson, Torval J., Chicago, Ill. Window frame comprising slidable sashes. 1,918,010; July 11.
- Anderson, Victor, Passaic, and D. G. Trutner, North Arlington, assignors to Alfred Hofmann & Company, West New York, N. J. Grid making machine and method. 1,897,460; Feb. 14.
- Anderson, Victor R., assignor of one-half to L. J. Leahy, Chicago, Ill. Electrical reciprocating motor. 1,912,167; May 30.
- Anderson, Walter A., Rockford, Ill., assignor to Sundstrand Corporation, Wilmington, Del. Bookkeeping machine. 1,912,168; May 30.
- Anderson, William A., Rockford, Ill., assignor to Sundstrand Corporation, Wilmington, Del. Debit and credit shift mechanism for bookkeeping machines. 1,922,653; Aug. 15.
- Anderson, William. (See Leeson, B. H., Anderson, and Lambert.)
- Anderson, William A., Hightstown, N. J. Lawn mower. 1,932,201; Oct. 24.
- Anderson, William C., Los Gatos, Calif. Nut huller. 1,913,581; June 13.
- Anderson, William G., Spring Lake, N. J. Expansion joint for tiled bathtub recesses. 1,919,354; July 25.
- Anderson, William H., Hollywood, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjusting translating devices. 1,907,704; May 9.
- Anderson, William M., Minneapolis, Minn., assignor to Kex Company, Incorporated, St. Louis, Mo. Plug and inserting quill and connecting the same. 1,897,028; Feb. 14.
- Anderson, William T., Indianapolis, Ind. Electric plug. 1,917,683; July 11.
- Anderson, William T., jr., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electrode for vapor gas electric devices. 1,902,936; Mar. 28.
- Anderson, William T., jr., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Forming electrical lead-ins for fused quartz devices. 1,909,797; May 16.
- Anderson, William T., jr., and L. F. Bird, assignors to Hanovia Chemical and Manufacturing Company, Newark, N. J. Integral unilateral conductor of electric currents. 1,894,260; Jan. 17.
- Andes, Eugene B., Lancaster, Pa., assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy. 1,908,842; May 16.
- Andis, Mathew, Racine, Wis. Electrically operated massaging device. 1,928,612; Oct. 3.
- Andler, Edward J., Margate City, N. J. Door desk. 1,894,145; Jan. 10.
- Andrake, Andrew A., Cleveland, Ohio, assignor to The Glenn L. Martin Company, Baltimore, Md. Valve. 1,898,805; Feb. 21.
- Andre, Bracket F., Ashland, Ky. Grate bar. 1,911,664; May 30.
- Andreas, Arno, Munster, Germany. Machine for weighing and packing powdered material. 1,913,868; June 13.
- Andreas, Arno, Munster, Germany. Method and apparatus for manufacturing valve bags. 1,916,293; July 4.
- Andreas, Arno, Munster in Westfalen, Germany. Jigging conveyor. 1,919,086; July 18.
- Andreas, Arno, Munster, Germany. Method and apparatus for manufacturing paper bags. 1,926,421; Sept. 12.
- Andreas, Lewis P., Syracuse, N. Y. Educational device for teaching athletic plays. 1,927,695; Sept. 19.
- Andreasen, Alfred C., Oak Park, assignor to Air-Way Pump Company, Chicago, Ill. Pump. 1,906,354; May 2.
- Andreasen, Alfred C., Oak Park, assignor to Air-Way Pump Company, Chicago, Ill. Spraying mechanism. 1,923,654; Aug. 22.
- Andren, Birger T., assignor to A. O. Smith Corporation, Milwaukee, Wis. Flash welding. 1,933,954; Nov. 7.
- Andren, Karl H. (See Berolzheimer, C. P., and Andren.)
- Andres, William A., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Overload-release clutch. 1,914,795; June 20.
- Andres, William J., South Bend, Ind., assignor, by mesne assignments, to Bendix Aviation Corporation, New York, N. Y. Drum-grinding machine. 1,901,690; Mar. 14.
- Andres, William J., assignor to Bendix Brake Company, South Bend, Ind. Controlling means. 1,905,328; Apr. 25.
- Andres, William J., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,397; May 9.
- Andres, William J., assignor to Bendix Brake Company, South Bend, Ind. Brake-operating connections. 1,921,146; Aug. 8.
- Andres, William J., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,924,589; Aug. 29.
- Andres, William J., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 1,928,043; Sept. 26.
- Andres, William J., and C. E. Ward, assignors to Bendix Aviation Corporation, South Bend, Ind. Lever. 1,900,151; Mar. 7.
- Andres, William J., and C. E. Ward, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,928,044; Sept. 26.
- Andresen, Hans J., Chicago, Ill. Kaleidoscope. Des. 90,185; June 27.
- Andresen, John H., Glen Rock, N. J. Apparatus for treating textile fabrics. 1,917,419; July 11.
- Andrew, Birger T., assignor to A. O. Smith Corporation, Milwaukee, Wis. Drawing table. 1,925,087; Sept. 5.
- Andrew, Edwin L., Rome, assignor to General Cable Corporation, New York, N. Y. Electric conductor. 1,896,475; Feb. 7.
- Andrew, Edwin L., Rome, assignor to General Cable Corporation, New York, N. Y. Electric connector. 1,927,382; Sept. 19.
- Andrew, Fred W., Philadelphia, Pa., assignors to Briggs & Stratton Corp., Milwaukee, Wis. Making a spring cover. 1,902,606; Mar. 21.
- Andrew, James M., Elyria, Ohio. Stretcher jack. 1,941,378; Dec. 26.
- Andrew, Samuel N., Naugatuck, Conn. Golf ball holder. 1,911,256; May 30.
- Andrew, Thomas E., and M. Langstreth, Rochdale, assignors to Dunlop Cotton Mills Limited, London, England. Machine for spinning, doubling, twisting and the like, yarns, fibers, and the like. 1,917,914; July 11.
- Andrew, Victor J., Wooster, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Oscillation generator. 1,940,833; Dec. 26.
- Andrews, Alexander G., Lufkin, Tex. Pumping unit. 1,908,653; May 9.
- Andrews, Arthur B., Auburn, Maine. Sampling tool for pulp or the like. 1,939,430; Dec. 12.
- Andrews, Champe S., Chattanooga, Tenn. Merchandise package. 1,894,337; Jan. 17.
- Andrews, Champe S., North Chattanooga, Tenn. Hinged container. 1,895,778; Jan. 31.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Collapsible container. 1,929,941; Oct. 10.
- Andrews, Champe S., North Chattanooga, Tenn., assignor to Box Blank Corporation, New York, N. Y. Display container. 1,930,031; Oct. 10.
- Andrews, Charles, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Strainer. Re18,945; Sept. 12.
- Andrews, Charles, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Bicycle basket. 1,924,343; Aug. 29.
- Andrews, Charles W. (See Knowles, A. S., and Andrews.)
- Andrews, Charles W., assignor to H. A. Brassert & Company, Chicago, Ill. Gas reforming process. 1,911,597; May 30.
- Andrews, Charles W., and A. J. Boynton, assignors to H. A. Brassert & Company, Chicago, Ill. Treatment of oil gas. 1,905,028; Apr. 25.
- Andrews, Charles W., Chicago, Ill., and R. D. Rogers, Bayonne, N. J., assignors to C. P. T. Development Company, Chicago, Ill. Cracking petroleum vapors. 1,907,029; May 2.
- Andrews, Cyrus N., Yucaipa, Calif. Sound amplifying device. 1,899,929; Mar. 7.
- Andrews, David B., and H. B. H. Hurd, North Haven, Conn. Paving composition and making same. 1,934,689; Nov. 14.
- Andrews, Edward F. (See Beane, E. A., and Andrews.)
- Andrews, Edward F., Evanston, assignor to Andrews-Hammond Corporation, Chicago, Ill. Floor radiounit. 1,922,008; Aug. 8.
- Andrews, Fred P., U. S. Army, Seattle, Wash. Radio-receiving system. 1,918,238; July 18.
- Andrews, George G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Bead building machine. 1,906,303; May 2.
- Andrews, George G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Bead building machine. 1,923,699; Aug. 22.
- Andrews, George W., jr., Vernon, Conn. Work holding device. 1,927,675; Sept. 19.
- Andrews-Hammond Corporation. (See Andrews, Edward F., assignor.)
- Andrews, Henry J., Fort Wayne, Ind., assignor, by mesne assignments, to Black Clawson Company, Hamilton, Ohio. Apparatus for reducing paper stock. 1,903,526; Apr. 11.
- Andrews, Irene E. (See Andrews, William H., assignor.)
- Andrews, Isaac, Spartanburg, S. C. Antirattle device. Re18,800; Apr. 25.
- Andrews, Isaac, Spartanburg, S. C. Loom reed construction. 1,898,927; Feb. 21.
- Andrews, Isaac, Spartanburg, S. C. Attachment for heddle bars. 1,898,928; Feb. 21.
- Andrews, Isaac, Spartanburg, S. C. Heddle frame construction. 1,929,922; Aug. 15.
- Andrews, James A., Augusta, Me. Support for clearer rolls. 1,904,344; Apr. 18.
- Andrews, John P., Rockville Center, N. Y., and J. S. Popper, Elizabeth, N. J., assignors to American Telephone and Telegraph Company. Index holder. 1,912,508; June 6.
- Andrews, Moriel V., Vancouver, British Columbia, Canada. Rotary engine. 1,938,735; Dec. 12.
- Andrews, Nathaniel R., Yonkers, and J. J. Neuman, New York, N. Y. Automatic charging means for centrifugal extractors. 1,921,446; Aug. 8.
- Andrews, Norwood H., Moorestown, N. J., and W. J. Willoughby, Philadelphia, Pa., assignors to American Pulverizing Corporation, Camden, N. J. Impact pulverizer. 1,935,344; Nov. 14.
- Andrews, Oliver B., Chattanooga, Tenn. Bread band. 1,896,601; Feb. 7.

- Andrews, Oliver B., Chattanooga, Tenn. Package for sliced bread. 1,896,602; Feb. 7.
- Andrews, Oliver B., Chattanooga, Tenn. Bread band. 1,896,603; Feb. 7.
- Andrews, Oliver B., Chattanooga, Tenn. Reenforced box. 1,908,100; May 9.
- Andrews, Oliver B., Chattanooga, Tenn. Packing box. 1,911,339; May 30.
- Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Regulating means for high power electric discharge amplifiers. 1,902,484; Mar. 21.
- Andrews, Phillip R., Seattle, Wash. Preserving means for fish nets. 1,897,224; Feb. 14.
- Andrews, Phillip R., assignor to Pacific Marine Supply Company, Seattle, Wash. Fishing line weight. 1,897,291; Feb. 14.
- Andrews, Richard H., Paris, France. Process and apparatus for firing furnaces. 1,912,243; May 30.
- Andrews, William H., Cleveland, Ohio, assignor to I. E. Andrews. Spraying device. 1,919,153; July 18.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure. 1,896,271; Feb. 7.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for filler necks and the like. 1,896,272; Feb. 7.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators, gasoline tanks and the like. 1,919,189; July 25.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure. 1,920,833; Aug. 1.
- Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiator necks and the like. 1,929,464; Oct. 10.
- Andrus, Orrin E. (See Hermanson, S., and Andrus.)
- Andrus, Orrin E., Wauwatosa, and M. A. Matush, assignors to A. O. Smith Corporation, Milwaukee, Wis. Preparing corrosive retarding compound. 1,925,088; Sept. 5.
- Andrus, Waddel P. (See Sturgis, Charles E., assignor.)
- Andrussow, Leonid, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocyanic acid. 1,934,838; Nov. 14.
- Andvig, Hans, Oslo, Norway. Mouth cleansing device. 1,920,165; Aug. 1.
- Anelotti, Giovanni B. (See Scotti, A., Anelotti, and Campi.)
- Anetsberger, Frank A. and W. Chicago, Ill. Humidifying apparatus. 1,901,888; Mar. 21.
- Anetsberger, Frank A. and W. Chicago, Ill. Humidifying apparatus. 1,936,895; Nov. 28.
- Anetsberger, William. (See Anetsberger, Frank A. and W.)
- Angel, Jay C., East Cleveland, Ohio. Valve for faucets. 1,910,196; May 23.
- Angeletti, Joseph M., New York, N. Y. Lamp shade and making same. 1,940,672; Dec. 26.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. Re18,599; July 18.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 1,897,628; Feb. 14.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 1,940,673; Dec. 26.
- Angell, Edward C., New York, N. Y. Apparatus for making paper containers. 1,922,189; Aug. 15.
- Angell, Elvin D., Wollaston, Mass. Circuit breaker. 1,939,194; Dec. 12.
- Angell, Keith B., assignor to B. F. Gladding & Co., Inc., South Oticic, N. Y. Package for fish lines and the like. 1,908,278; May 9.
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Warm-air syringe. 1,915,351; June 27.
- Angell, Robert C., Prince Bay, N. Y., and F. L. O. Wadsworth, Pittsburgh, assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Manufacture of flexible shafting. 1,934,025; Nov. 7.
- Angell, Robert C., Prince Bay, N. Y., and F. L. O. Wadsworth, Pittsburgh, assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Manufacture of flexible shafting. 1,934,026; Nov. 7.
- Anger, Albert E. (See Einwaechter, F. H., Jr., and Anger.)
- Anger, Jacques R., Paris, France. Coupling device for aligned shafts. 1,936,573; Nov. 28.
- Anger, Jacques R., Paris, France. Device for securing a member on a cylindrical shaft. 1,937,502; Dec. 5.
- Angier, Edward H., assignor to E. H. Angier, as trustee, Framingham, Mass. Barrel liner. 1,926,986; Sept. 12.
- Angier, Edward H., assignor to E. H. Angier, as trustee, Framingham, Mass. Manufacture of creped paper. 1,928,045; Sept. 26.
- Angier, Edward H., as trustee. (See Angier, Edward H., assignor.)
- Angla, Bernard M. R. (See Gault, H., and Angla.)
- Angla, Bernard M. R., Lyon, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of soluble cellulose esters of higher organic acids. 1,909,798; May 16.
- Angle, James L. (See Youngs, G. L., and Angle.)
- Anglemyer, Carl M., assignor to The Edgemont Machine Company, Dayton, Ohio. Friction clutch. 1,895,600; Jan. 31.
- Anglo-California Trust Company, executor. (See Canfield, George W., assignor.)
- Angot, Charles, Bezons, France. Rubberized and fibrous plastic material unattackable by oil. 1,907,231; May 2.
- Angstadt, Harry F., assignor to Sun Oil Company, Philadelphia, Pa. Treating mineral oil still bottoms to recover asphalt and fatty acids. 1,931,880; Oct. 24.
- Angus, Donald J., Indianapolis, Ind. Recording meter. 1,907,096; May 2.
- Anheuser, Ernest A., and G. S. Remiker, Milwaukee, Wis. Molding flask. 1,904,037; Apr. 18.
- Anibal, Benjamin H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine. 1,897,783; Feb. 14.
- Animal Trap Company of America. (See Lehn, John U., assignor.)
- Animal Trap Company of America. (See Zahm, Joseph D., assignor.)
- Animal Trap Company of America. (See Zahm, J. D., and Lehn, assignors.)
- Animated Roboquin Display Company, The. (See Connor, James G., assignor.)
- Aniga, Johannes, Bindhoven, assignor to N. V. Maatschappij Tot Exploitatie van Uitvindingen, Rotterdam, Netherlands. Device for stringing glass bodies on a mandrel. 1,892,744; Jan. 3.
- Ankum, Otto, Minneapolis, Minn. Street lamp cable securing device. Re18,769; Mar. 21.
- Anklam, William F., Detroit, Mich. Bird house. 1,916,878; July 4.
- Anné, Charles T. (See South, W. L., and Anné.)
- Annen, James E. (See Frostad, G. O., and Annen.)
- Annen, James E., assignor to National Paper Can Company, Cudahy, Wis. Container and making same. 1,930,963; Oct. 17.
- Annen, Robert, assignor to La Champagne Watch Co. Louis Muller & Co. Ltd., Bienne, Switzerland. Self-winding watch. 1,907,276; May 2.
- Annico, Joseph, Renaix, Belgium. Device for treating fabrics by means of a circulating bath. 1,903,585; Apr. 11.
- Annis, Emmett F., Glendale, Calif. Heat exchanger. 1,932,950; Oct. 31.
- Anode Rubber Company Limited. (See Gábor, F., Csutorás, and Laszlo, assignors.)
- Anschicks, Rudolph J., assignor to Protectoseal Company of America, Chicago, Ill. Carburetor fire baffle. 1,925,684; Sept. 5.
- Anschutz, Alfred, Brooklyn, N. Y. Bottle cap remover. 1,894,261; Jan. 17.
- Anschütz-Kaempfe, Hermann, Munich, Germany, assignor to Nederlandsche Technische Handel Maatschappij, "Giro", The Hague, Netherlands. Gyroscopic instrument. 1,895,628; Jan. 31.
- Anschütz-Kaempfe, Hermann, Munich, Germany, assignor to Nederlandsche Technische Handel Maatschappij Giro. Gyroscopic compass. 1,924,688; Aug. 29.
- Anselmo, Peter J. (See Leschke, H. M., and Anselmo.)
- Anson, Edwin G., assignor of one-half to F. Clarke, Birmingham, Ala. Air pistol. 1,897,226; Feb. 14.
- Anson, Jerome I., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,909,035; May 16.
- Anstice, Mortimer R., Rochester, N. Y. Attachable refuse collector and separator for vegetable paring machines. 1,909,245; May 16.
- Anstiss, George P., River Forest, assignor to G. S. Blakeslee & Co., Cicero, Ill. Peeling machine. 1,923,806; Aug. 22.
- Anstiss, George P., River Forest, assignor to G. S. Blakeslee & Co., Cicero, Ill. Slicing machine. 1,926,221; Sept. 12.
- Anstiss, George P., Oak Park, assignor to G. S. Blakeslee & Co., Cicero, Ill. Washing and drying machine. 1,925,362; Sept. 5.
- Ansul Chemical Company. (See Larsen, Lawrence W., assignor.)
- Antelme, Louis X., and L. Trescartes, Paris, France. Brake for motor vehicles or the like. 1,941,380; Dec. 26.
- Anthes, Eugen. (See Krauch, C., Pier, and Anthes.)
- Anthes, Eugen. (See Pier, M., and Anthes.)
- Anthes, Eugen. (See Pier, M., Anthes, and Eisenhut.)
- Anthes, Eugen. (See Pier, M., Anthes, and Winkler.)
- Anthony, Alfred W., Jr., Belmont, assignor to Pease, Anthony Equipment Co., Cambridge, Mass. Atomizing head. 1,896,339; Feb. 7.
- Anthony Company. (See Anthony, William C., assignor.)
- Anthony Company, The. (See Anthony, W. C., and Wachter, assignors.)
- Anthony Development Company. (See Anthony, William C., assignor.)
- Anthony Development Company. (See Anthony, W. C., and Wachter, assignors.)
- Anthony, Eugene, and A. B. Cropp, assignors to Mailwin Mfg. Co., Seattle, Wash. Brooder air circulating device. 1,929,834; Oct. 10.
- Anthony, Herman R. C., Blooming Grove, assignor to French Battery Company, Madison, Wis. Dry Battery. 1,932,128; Oct. 24.
- Anthony, Rollie A., assignor of one-third to J. H. Johnston, Port Angeles, Wash. Bread wrapper. 1,926,359; Sept. 12.
- Anthony, Stanley, Boston, Mass. Customer's token. 1,899,072; Feb. 28.

- Anthony, William C., Streator, Ill., assignor to Anthony Company. Dumping body. 1,906,302; May 2.
- Anthony, William C., assignor, by mesne assignments, to Anthony Development Company, Streator, Ill. Elevating shovel. 1,912,816; June 6.
- Anthony, William C., and L. Wachter, assignors to The Anthony Company, Streator, Ill. Hydraulic hoist dumping body. 1,904,345; Apr. 18.
- Anthony, William C., and L. Wachter, assignors to Anthony Development Company, Streator, Ill. Press brake. 1,935,173; Nov. 14.
- Anthrax Separator Company. (See Pardee, Frank, assignor.)
- Antich, Anton M., Asbury Park, N. J., assignor of forty per cent to Thomas Skroza, Hartford, Conn. Waterless gas holder. 1,918,791; July 18.
- Anti Hot Box Company. (See Stevens, William O., assignor.)
- Antijunti, Alfred. (See Rund, I., and Antijunti.)
- Antill, Philip W., Ridgefield Park, N. Y., assignor to American Arch Company, New York, N. Y. Furnace wall construction. 1,927,909; Sept. 26.
- Antill, Philip W., Ridgefield Park, N. Y., assignor to American Arch Company, New York, N. Y. Furnace wall. 1,939,646; Dec. 19.
- Antisell, Frank L., Wilkensburg, assignor to Copperwell Steel Company, Glassport, Pa. Electrolytic refining of metal. 1,908,943; May 16.
- Antoine, Alfred D., assignor to Advance Machine Company, Chicago, Ill. Coin controlled switch and timing mechanism. 1,915,641; June 27.
- Antoine, Alfred D., assignor to Advance Machine Company, Chicago, Ill. Vending machine. 1,926,663; Sept. 12.
- Antoine, Alfred D., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,909,036; May 16.
- Antoine, Alfred D., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,925,685; Sept. 5.
- Antoine, Alfred D., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,926,662; Sept. 12.
- Anton, Frederick A. (See Bell, E. F., and Anton.)
- Antonsen, Adolph B., Valley Stream, N. Y. Merry-go-round. 1,935,040; Nov. 14.
- Antonsen, Louie J., Seattle, Wash. Paper shredding machine. 1,939,246; Dec. 12.
- Antranikian, Haig, Paris, France, assignor of one-half to F. T. Miller, Newton, Mass. Radiogoniometer. 1,920,159; July 25.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Gas range grid. Des. 89,673; Apr. 25.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Safety device for electric ovens. 1,897,879; Feb. 14.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Gas burner. 1,901,716; Mar. 14.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Gas range. 1,905,672; Apr. 25.
- Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Oven of gas and electric ranges. 1,907,414; May 2.
- Antworth, Samuel J. (See Quimby, A., and Antworth.)
- Anzelevitz, Abraham, Far Rockaway, N. Y. Cigar and cigarette holder. 1,904,814; Apr. 18.
- Aoki, Koichi, Tokyo, Japan, assignor to General Electric Company. Constant level lubricating device. 1,904,601; Apr. 18.
- Aoyagi, Eiji, Kiyoshi Abe and Sozaburo Yamazaki, assignors to Zaidon-Hojin Aoyagi Kenkyusho, Kyoto, Japan. Tungsten arc lamp. 1,913,785; June 13.
- Apco Mossberg Corporation. (See Anderson, Gustave A., assignor.)
- Apco Mossberg Corporation. (See Glennon, James B., assignor.)
- Apco Mossberg Corporation. (See Jackson, Alfred F., assignor.)
- Apel, Albert, assignor to Deere & Company, Moline, Ill. Windrowing machine. 1,917,352; July 11.
- Apel, Albert, assignor to Deere & Company, Moline, Ill. Harvester. 1,933,535; Nov. 7.
- Apel, Albert, assignor to Deere & Company, Moline, Ill. Combine. 1,936,613; Nov. 28.
- Apel, George, Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Separator shoe and producing same. 1,928,216; Sept. 26.
- Apex Electrical Manufacturing Company, The. (See Orr, William V., assignor.)
- Apex Hosiery Company. (See Struve, Frederick E., assignor.)
- Apilungo, Joseph. (See Torrese, Apollo, assignor.)
- Apolda Knitting Mills. (See Berger, Dorothy E., assignor.)
- Apollo Shirt Company. (See Wolf, Abraham, assignor.)
- Apostoll, Michael, Detroit, Mich. Safety razor. 1,938,477; Dec. 5.
- Appel, August, Vienna, Austria. Fuse for electric circuits. 1,924,014; Aug. 22.
- Appel, Daniel, East Cleveland, assignor to L. A. Westman and G. B. Carman, Cleveland, Ohio. Rotary pump. 1,910,876; May 23.
- Appel, Robert, Brooklyn, N. Y. Hand bag. 1,927,624; Sept. 19.
- Appel, William, Little Rock, Ark. Pencil sharpener. 1,893,877; Jan. 10.
- Appel, William, Little Rock, Ark. Table attachment. 1,897,717; Feb. 14.
- Appelberg, Axel O., assignor to Aktiebolaget Birka Regulator, Stockholm, Sweden. Electrical regulating device. 1,908,676; May 16.
- Appelberg, Carl W., assignor to Aktiebolaget Birka Regulator, Stockholm, Sweden. Thermostat switch. 1,894,842; Jan. 17.
- Appelberg, Carl W., assignor to Aktiebolaget Birka Regulator, Stockholm, Sweden. Thermal switch. 1,935,761; Nov. 21.
- Appelberg, Carl W., assignor to Aktiebolaget Birka Regulator, Stockholm, Sweden. Thermal switch. 1,935,762; Nov. 21.
- Appelberg, Carl W., Stockholm, and Harry O. Borgström, Huvudsta, assignors to Aktiebolaget Birka Regulator, Stockholm, Sweden. Thermal switch. 1,894,843; Jan. 17.
- Appelberg, Gustaf R., Bridgeport, and D. B. Bullard, Southport, Conn., assignors to The Bullard Company. Spindle drive for machine tools. 1,938,310; Dec. 5.
- Appellius, Fritz, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Counting-relay switch. 1,923,060; Aug. 22.
- Appenheimer, Carl J., and C. Mueller, Regina Saskatchewan, Canada. Baby carriage. 1,897,036; Feb. 14.
- Apple, Adrian R., Glendale, assignor to Wallace China Company, Ltd., Huntington Park, Calif. Plate or similar article. Des. 89,735; May 2.
- Apple, Edward M. (See Apple, Vincent G.)
- Apple, Edward M., executor, et al. (See Apple, Vincent G.)
- Apple, Edward M., et al., executors. (See Apple, Vincent G.)
- Apple, Herbert F. (See Apple, Vincent G.)
- Apple, Herbert F., et al. (See Apple, Vincent G.)
- Apple, Herbert F., executor, et al. (See Apple, Vincent G.)
- Apple, Herbert F., et al., executors. (See Apple, Vincent G.)
- Apple, Herbert F., et al., executors. (See Cotterman, Frederick W.)
- Apple, Vincent G. (See Bendix, V., and Apple.)
- Apple, Vincent G., et al. (See Cotterman, Frederick W., assignor.)
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. and E. M. Apple and G. Darroch, executors. Motor for driving flexible shafts. 1,893,261; Jan. 3.
- Apple, Vincent G., deceased; H. F. and E. M. Apple and G. Darroch, executors, Dayton, Ohio. Reinforced electrical coil. 1,893,262; Jan. 3.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Armature. 1,894,723; Jan. 17.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Stator with built-in condenser. 1,894,724; Jan. 17.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors of said Vincent G. Apple. Armature. 1,897,544; Feb. 14.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Motor-driven pump. 1,897,784; Feb. 14.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Commutator and making it. 1,898,929; Feb. 21.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Ventilated motor. 1,908,101; May 9.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple and G. Darroch, executors. Motor pump. 1,911,128; May 23.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Making a composite commutator segment and winding element of a bar wound armature. 1,911,340; May 30.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Dynamo electric machine element. 1,911,341; May 30.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Electric motor control for juvenile automotive vehicles. 1,911,342; May 30.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Ventilated electromagnetic structures. 1,913,138; June 6.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. and E. M. Apple, and G. Darroch, executors. Armature coil. 1,917,482; July 11.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Dynamo electric machine stator with noncorrosive lining. 1,921,111; Aug. 8.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. Apple, E. M. Apple, and G. Darroch, executors. Wire wound armature. 1,921,112; Aug. 8.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. and E. M. Apple and G. Darroch, executors. Armature. 1,925,891; Sept. 5.

- Apple, Vincent G., deceased, Dayton, Ohio; H. F. and E. M. Apple and G. Darroch, executors. Dynamo electric machine element. 1,925,892; Sept. 5.
- Apple, Vincent G., deceased, Dayton, Ohio; H. F. and E. M. Apple and G. Darroch, executors. Mold for making commutators. 1,928,325; Sept. 26.
- Apple, Vincent G., deceased; H. F. and E. M. Apple, and G. Darroch, executors. Dayton, Ohio. Mold for making armatures. 1,932,391; Oct. 31.
- Apple, Vincent G., deceased, Dayton, Ohio, H. F. and E. M. Apple, and G. Darroch, executors. Dynamo-electric machine and making it. 1,934,903; Nov. 14.
- Apple, Vincent G., deceased; H. F. and E. M. Apple and G. Darroch, executors. Armature. 1,939,615; Dec. 12.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake mechanism. 1,893,833; Jan. 10.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle wheel. 1,893,834; Jan. 10.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electric controller. 1,904,813; Apr. 18.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Brake operating mechanism. 1,915,877; June 27.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Resistor element. 1,918,078; July 11.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake. 1,922,518; Aug. 15.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle brake. 1,924,046; Aug. 22.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,925,363; Sept. 5.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Controller. 1,926,419; Sept. 12.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Brake-operating mechanism. 1,930,052; Oct. 10.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Automatically supplying fluid-brake systems. 1,930,033; Oct. 10.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electric brake servo mechanism. 1,936,148; Nov. 21.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Vehicle control mechanism. 1,936,149; Nov. 21.
- Apple, Vincent G., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Electric control mechanism. 1,938,789; Dec. 12.
- Apple, Vincent G., and C. F. Raven, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,928,750; Oct. 3.
- Apple, Vincent G., and W. H. Petit, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Vehicle control mechanism. 1,904,943; Apr. 18.
- Applebaum, Samuel B. New Rochelle, assignor to The Permutit Company, New York, N. Y. Treating boiler feed water. 1,910,979; May 23.
- Appelford, Leslie M., Hamilton, Ontario, Canada. Floor waxer and polisher. 1,916,649; July 4.
- Appelford Paper Products Limited. (See Huffman, Louis, assignor.)
- Appelford Paper Products Limited. (See Powell, William B., assignor.)
- Appelford Paper Products Limited. (See Snell, Gaylor C., assignor.)
- Appelford Paper Products Limited. (See Willis, Cecil H. N. R., assignor.)
- Applegate, Addison, Liberty, N. Y. Shingle and fastening therefor. 1,927,696; Sept. 19.
- Applegate, Lindsay M., Seattle, Wash. Electric circuit protective system. 1,901,488; Mar. 14.
- Applegate, William H., Philadelphia, Pa. Wrench. 1,910,197; May 23.
- Appleman, Wilbur R. (See Dederick, C. H., and Appleman.)
- Appleton Coated Paper Company, The. (See Crisp, Harry A., assignor.)
- Appleton Electric Company. (See Anderson, Ernst G. K., assignor.)
- Appleton Electric Company. (See Goetzelman, William, assignor.)
- Appleton Electric Company. (See Tornblom, Nils A., assignor.)
- Appleton, Ernst G. (See Newman, C., and Appleton.)
- Appleton Rubber Company. (See Cowen, R., and Jordan, assignors.)
- Appleton, Wallace N., Crafton, assignor, by mesne assignments, to The McKay Company, Pittsburgh, Pa. Grinding apparatus. 1,915,144; June 20.
- Appleton Wire Works, Inc. (See Buchanan, William E., assignor.)
- Appollo Fabrics, Inc. (See Reiman, Paul, assignor.)
- Apps, Charles H., East Orange, N. J. Locomotive. 1,906,507; May 2.
- Apter, Saul, Cincinnati, Ohio. Article of luggage. 1,925,946; Sept. 5.
- Apthorp, Robert E., Salem, Mass. Device for indicating wind velocity. 1,897,658; Feb. 14.
- Apthorpe, William H., assignor to Cambridge Instrument Company, Limited, London, England. Controller. 1,940,834; Dec. 26.
- Aqua Systems Incorporated. (See Beckwith, Charles F., assignor.)
- Aqua Systems Incorporated. (See Peter, William J., assignor.)
- Arana, Alphonso J., San Rafael, Calif. Match card. 1,907,312; May 2.
- Arana, Alphonso J., assignor of one-half to T. O. Weller, San Rafael, Calif. Book match. 1,907,313; May 2.
- Arant, John E., Hemingway, S. C. Sign posting hammer. 1,940,739; Dec. 26.
- Arasim, John A. (See Kelly, J. E., and Arasim.)
- Arato, Achille, Turin, Italy. Brake control for vehicle wheels. 1,902,819; Mar. 28.
- Arbel Corporation. (See Schuchman, George A., assignor.)
- Arber, Hermann, Bienne, Switzerland. Stop-cock with electric heater. 1,920,049; July 25.
- Arbogast, Glen E., Los Angeles, Calif. Ornamental lighting standard. 1,906,508; May 2.
- Arbuckle, S. F., Corporation. (See Arbuckle, S. F., and Coulter, assignors.)
- Arbuckle, S. F., Corp. (See Arbuckle, S. F., and Vargha, assignors.)
- Arbuckle, Samuel F., Highland Park, assignor to Monogram Lens Corporation, Detroit, Mich. Beam adjusting means. 1,895,906; Jan. 31.
- Arbuckle, Samuel F., Highland Park, and A. L. Vargha, Detroit, Mich., assignors to S. F. Arbuckle Corp. Braking mechanism. 1,908,214; May 9.
- Arbuckle, Samuel F., and G. H. Coulter, Highland Park, Mich., assignors to S. F. Arbuckle Corporation. Making signs. 1,915,642; June 27.
- Arcade Manufacturing Company. (See Firestone, Vance S., assignor.)
- Arcade Manufacturing Company. (See Firestone, V. S., and Sward, assignors.)
- Archbald, Hugh, Scranton, Pa. Process and apparatus for manufacture of solid fuel. 1,930,377; Oct. 10.
- Archea, Walter D. (See Nenninger, L. F., and Archea.)
- Archea, Walter D. (See Romaine, M., and Archea.)
- Archea, Walter D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool. 1,901,489; Mar. 14.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,901,490; Mar. 14.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine collet. 1,904,641; Apr. 18.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,905,673; Apr. 25.
- Archea, Walter D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,932,378; Oct. 24.
- Archea, Walter D., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,770; Dec. 12.
- Archea, Walter D., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,771; Dec. 12.
- Archer, Charles B., Homestead, Pa. Grip attachment for violin bows. 1,897,225; Feb. 14.
- Archer Daniels Midland Company. (See Wilkins, Herbert L., assignor.)
- Archer, Edmund G., Pontiac, Mich. Chassis construction. 1,933,359; Oct. 31.
- Archer, Horace G., Audubon, N. J., and C. G. Bird, Philadelphia, Pa., assignors, by mesne assignments, to Baldwin-Southwark Corporation. Steam platen and making same. 1,928,443; Sept. 26.
- Archer, Merton T., Pittsburgh, Pa., assignor to The National Supply Company, Toledo, Ohio. Counterweighted crank. 1,931,472; Oct. 17.
- Archer, Merton T., Pittsburgh, Pa., assignor to The National Supply Company, Toledo, Ohio. Pump lubricating system. 1,931,473; Oct. 17.
- Archer, Merton T., Pittsburgh, Pa., and R. F. Hill, assignors to The National Supply Company, Toledo, Ohio. Counterbalance for flywheels. 1,931,747; Oct. 24.
- Archer, Robert S., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Removing hard spots from aluminum-silicon alloys. 1,908,300; May 9.
- Archer, Robert S., Milwaukee, Wis., assignor to Aluminum Company of America, Pittsburgh, Pa. Hardening of aluminum. 1,930,463; Oct. 17.
- Archer, Robert S., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum-magnesium alloy. 1,935,603; Nov. 21.
- Archer, Robert S., Lakewood, and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-copper piston alloy. 1,920,233; Aug. 1.
- Archibald, Francis M. (See Mann, M. D., jr., and Archibald.)
- Archibald, Ray M., Chicago, Ill. Apparatus for dispensing soap solutions. 1,930,500; Oct. 17.
- Arcler, Alex F., Dayton, and R. W. Gibson, assignors to The Waco Aircraft Company, Troy, Ohio. Aircraft. 1,918,079; July 11.
- Arco Vacuum Corporation. (See Carter, A. P., Hynes, and Cronin, assignors.)

- Arcole Construction Co. (See Miller, Harvey J., assignor.)
- Arcturus Development Company. (See Krahle, Walter L., assignor.)
- Arcturus Radio Tube Company. (See Krahle, Walter L., assignor.)
- Arco Manufacturing Company. (See Feeley, M. R., and Stern, assignors.)
- Arco Manufacturing Company. (See Stern, Charles, assignor.)
- Arco Manufacturing Company. (See Stern, C., Davis, and Gillespie, assignors.)
- Ardee Patents Corporation. (See Orear, V. M., and Otto, assignors.)
- Arden Box Toe Company. (See Lovell, Stanley P., assignor.)
- Arden, Elizabeth, Inc. (See Gubing, Frank, assignor.)
- Arden, Harry B., New York, N. Y. Automatic electro-magnetic wet separation. 1,902,937; Mar. 28.
- Arden, Harry B., New York, N. Y. Automatic electro-magnetic wet separation. 1,902,938; Mar. 28.
- Arden, Thomas R., Baldwin, N. Y., assignor to American Flyer Mfg. Co., Chicago, Ill. Toy typewriter. 1,907,379; May 2.
- Arduser, Joseph O., assignor to D. C. Jenkins Glass Company, Kokomo, Ind. Goblet. Des. 90,520; Aug. 22.
- Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Cigarette feed for packers. 1,926,222; Sept. 12.
- Arenberg, Albert L., Chicago, Ill. Indirect plural lamp with illuminated shade. 1,906,944; May 2.
- Arends, Peter, Chicago, Ill. Game apparatus. 1,931,567; Oct. 24.
- Arens, Charles A., Chicago, Ill. Flexible power transmitting device. 1,918,792; July 18.
- Arentsen, Arie H., Amsterdam, Netherlands. Apparatus for the manufacture of corrugated reinforced asbestos sheets or plates. 1,915,510; June 27.
- Arenz, John A., Mount Vernon, N. Y., assignor to Lock Nut Company, a division of International Screw Company, Wilmington, Del. Nut lock. 1,893,067; Jan. 3.
- Arenz, John A., Mount Vernon, N. Y., assignor to Double Thread Bit Company, Wilmington, Del. Auger bit. 1,910,143; May 23.
- Arenz, John A., Mount Vernon, N. Y., assignor to Double Thread Bit Company, Wilmington, Del. Machine for threading auger bit lead screws. 1,910,420; May 23.
- Arenz, John A., Mount Vernon, N. Y., assignor to International Screw Co., Wilmington, Del. Machine for rolling double thread single point screws. 1,912,879; June 6.
- Areson, Nels, Pittsburgh, Pa. Pneumatic tire rim. 1,936,745; Nov. 28.
- Arey, Fred C., Oak Park, Ill., assignor, by mesne assignments, to Vulcan Soot Blower Corporation, Du Bois, Pa. Soot cleaner for air preheaters. 1,926,360; Sept. 12.
- Arford, Merton K. (See Dickinson, Lloyd W., assignor.)
- Argabrite, George M., assignor, by mesne assignments, to Procter & Schwartz, Inc., Chicago, Ill. Stretching articles. 1,934,027; Nov. 7.
- Arge, Hans C., assignor to Doughnut Machine Corporation, New York, N. Y. Alimentary product forming device. 1,900,854; Mar. 7.
- Argent Corporation, The. (See Alphonso, Peter R., assignor.)
- Argyle, William R., Swarthmore, and W. J. Taylor, Eddystone, Pa., assignors to Sinclair Refining Company, New York, N. Y. Heating hydrocarbons. 1,914,355; June 20.
- Arnold, Robert B., Richmond, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. New insecticide material. 1,925,225; Sept. 5.
- Arienta, Joseph S., and J. Webb Paterson, N. J. Jacquard box loom indicator. 1,931,835; Oct. 24.
- Arimoto, Masazo, San Bernardino, Calif. Ice cream making. 1,917,483; July 11.
- Arite Corporation. (See Carter, William D., assignor.)
- Arkell, Bartlett. (See Tooker, John N., assignor.)
- Arkell Safety Bag Company. (See Greene, Edwin D., assignor.)
- Arkell Safety Bag Company. (See Robinson, Francis T., assignor.)
- Arkema, Harold P., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand unwinding apparatus. 1,920,962; Aug. 8.
- Arkenburgh, Weber H., Schenectady, N. Y., assignor to General Electric Company. Electrical control system. 1,902,485; Mar. 21.
- Arland, Frederick L., White Plains, N. Y. Resonant circuit. 1,896,993; Feb. 7.
- Ariedter, Fritz, Cologne-Kalk, Germany, assignor to G. Staellin, Larchmont, N. Y. Clarifying liquids contaminated by solid matter held in suspension therein and in clarifying apparatus. 1,908,102; May 9.
- Arlt, John L., assignor to F. W. Stork and J. L. Arlt, doing business as Ideal Manufacturing Company, Saginaw, Mich. Washtub. 1,903,908; Apr. 18.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Reheater. 1,896,213; Feb. 7.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Water cooled furnace. 1,896,273; Feb. 7.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Enlarged boiler installation. 1,912,169; May 30.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Symmetrical heating unit. 1,924,900; Aug. 29.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater. 1,931,639; Oct. 24.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Boiler with reheater. 1,931,948; Oct. 24.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Joining pipes. 1,935,041; Nov. 14.
- Armcast, Wilbur H., assignor to The Superheater Company, New York, N. Y. Combined steam and power plant. 1,938,366; Dec. 5.
- Armcast, Wilbur H., New York, N. Y., and R. M. Swartz, Bogota, N. J., assignors to The Superheater Company, New York, N. Y. Plug closure. 1,922,835; Aug. 15.
- Armaflex Parent, Limited. (See Humphrey, Frederick J., assignor.)
- Armantrout, Lynn L., Minneapolis, and C. R. McCue, Rochester, Minn. Gravity feed oiler. 1,923,857; Aug. 22.
- Armaturen- und Maschinenfabrik Akt. Ges., vorm. J. A. Hilpert. (See Meyer, Otto, assignor.)
- Armbrust, Charles W., Middletown, N. Y. Brake shoe casting. 1,914,229; June 13.
- Armbrust, Charles W., Middletown, N. Y. Brake shoe structure. 1,914,230; June 13.
- Armbruster, Fred C., Rochester, N. Y. Pipe joint. 1,926,422; Sept. 12.
- Arner, Austin, Berkeley, assignor to The Magnavox Company, Oakland, Calif. Loud speaker. 1,930,576; Oct. 17.
- Armie, Roy A., Ridgewood, assignor to J. Edward Ogden Company, Inc., East Orange, N. J. Bridle ring. 1,921,797; Aug. 8.
- Armistead, George, jr., Lockport, Ill., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 1,936,283; Nov. 21.
- Armitage, Joseph B. (See Kearney, E. J., and Armitage.)
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool organization. 1,909,564; May 16.
- Armitage, Ned. (See Kellett, I., Armitage, and Wood.)
- Armorie Equipment Incorporated. (See Clark, Raymond L., assignor.)
- Armorseel Roadguard Company, The. (See Miller, Lee H., assignor.)
- Armour and Company. (See Conquest, V., Redemske, and Lalumier, assignors.)
- Armour and Company. (See Ingram, John C., assignor.)
- Armour and Company. (See Jordan, I. N., and Lusk, assignors.)
- Armour and Company of Delaware. (See Colt, Edwin W., assignor.)
- Armour Fertilizer Works. (See Moore, Harry C., assignor.)
- Armour, James W., assignor to Riley Stoker Corporation, Worcester, Mass. Tuyere block. 1,896,569; Feb. 7.
- Arms, George, Huntington Station, N. Y. Light modifying means. 1,940,040; Dec. 19.
- Armspear Manufacturing Company. (See Pixley, J. S., and Bender, assignors.)
- Armstrong, Albert D., and G. C. G. Dobbie, Rangoon, India, assignors to The Indo-Burma Petroleum Company Limited, Rangoon, Burma. Apparatus for sweating or treating paraffin wax or the like. 1,898,930; Feb. 21.
- Armstrong, Bertha L., Westfield, N. J. Control system. 1,907,705; May 9.
- Armstrong-Blum Mfg. Co. (See Blum, George J., assignor.)
- Armstrong, Charles A., et al. (See Madsen, Sern, assignor.)
- Armstrong, Charles C., assignor to L. R. Nelson Manufacturing Co., Inc., Peoria, Ill. Spray nozzle. 1,916,912; July 4.
- Armstrong, Charles C., assignor to L. R. Nelson Mfg. Co., Inc., Peoria, Ill. Nozzle. 1,922,519; Aug. 15.
- Armstrong, Charles E., Corvallis, Oreg. Multiple control thermostatic switch. 1,937,458; Nov. 28.
- Armstrong, Cloyd L., Lima, Ohio. Float valve construction. 1,926,018; Sept. 12.
- Armstrong Cork Company. (See Allard, Robert M., assignor.)
- Armstrong Cork Company. (See Barnes, Spencer L., assignor.)
- Armstrong Cork Company. (See Burke, James P., assignor.)
- Armstrong Cork Company. (See Emanuel, Edward C., assignor.)
- Armstrong Cork Company. (See Emig, John, assignor.)
- Armstrong Cork Company. (See Erisman, P. B., and Hawker, assignors.)
- Armstrong Cork Company. (See Farmer, J. A., and Fichter, assignors.)
- Armstrong Cork Company. (See Fredriksen, Norman, assignor.)
- Armstrong Cork Company. (See George, A. M., and Kaufman, assignors.)
- Armstrong Cork Company. (See Halliwell, Robert G., assignor.)

- Armstrong Cork Company. (See Humphreys, Charles F., assignor.)
- Armstrong Cork Company. (See Humphreys, Harry S., assignor.)
- Armstrong Cork Company. (See Jordan, Harold H., assignor.)
- Armstrong Cork Company. (See Kaufman, W. F., and McCarthy, assignors.)
- Armstrong Cork Company. (See Kessler, Edward J., assignor.)
- Armstrong Cork Company. (See Lescallette, Richard F., assignor.)
- Armstrong Cork Company. (See McCarthy, J. Clarence, assignor.)
- Armstrong Cork Company. (See Penn, Everett S., assignor.)
- Armstrong Cork Company. (See Perry, Arlington C., assignor.)
- Armstrong Cork Company. (See Phelan, John A., assignor.)
- Armstrong Cork Company. (See Pleper, E. J., Smith, and Vogt, assignors.)
- Armstrong Cork Company. (See Weber, Charles, assignor.)
- Armstrong Cork Company. (See Wilmet, Georges, assignor.)
- Armstrong Cork Company. (See Young, John P., assignor.)
- Armstrong, Edwin H., New York, N. Y. Radio signaling system. 1,941,066; Dec. 26.
- Armstrong, Edwin H., New York, N. Y. Radio broadcasting and receiving. 1,941,067; Dec. 26.
- Armstrong, Edwin H., New York, N. Y. Radiosignaling. 1,941,068; Dec. 26.
- Armstrong, Edwin H., New York, N. Y. Radiosignaling. 1,941,069; Dec. 26.
- Armstrong, Edwin H., New York, N. Y. Radiotelephone signaling. 1,941,447; Dec. 26.
- Armstrong, Frank C., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Backboard mounting. 1,929,574; Oct. 10.
- Armstrong, Frank H., assignor to Safety Mining Company, Chicago, Ill. Blasting cartridge charged with a compressed gas. 1,895,563; Jan. 31.
- Armstrong, Frank H., assignor to Safety Mining Company, Chicago, Ill. Blasting cartridge and apparatus for charging the same. 1,941,196; Dec. 26.
- Armstrong, Fred S., River Forest, assignor to Jefferson Electric Company, Bellwood, Ill. Mercury switch and the like. 1,916,957; July 4.
- Armstrong, George A., Youngstown, Ohio. Lock device. 1,923,411; Aug. 22.
- Armstrong, George C., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Contactor. 1,909,037; May 16.
- Armstrong, George J., Oklahoma City, Okla. Well fishing device. 1,906,895; May 2.
- Armstrong, L. E., Realty & Investment Co. (See Currie, Clare H., assignor.)
- Armstrong, Leonard J., Mariners Harbor, N. Y. Windshield wiper. 1,896,994; Feb. 7.
- Armstrong, Leonard J., Mariners Harbor, N. Y. Timer. 1,914,231; June 13.
- Armstrong Manufacturing Co., The. (See Ashmun, Harry S., assignor.)
- Armstrong, Merton C., assignor to The Sterling Siren Fire Alarm Company Inc., Rochester, N. Y. Signal control apparatus. 1,919,409; July 25.
- Armstrong, Sir W. G., Whitworth Aircraft Limited. (See Lloyd, John, assignor.)
- Armstrong, Sir W. G., Whitworth and Company (Engineers) Limited. (See Pratt, James, assignor.)
- Armstrong, Walter F., Chicago, Ill. Cigar and cigarette lighter. 1,911,936; May 30.
- Armstrong, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Rotary material reducing machine. 1,920,946; Aug. 1.
- Armstrong, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Rotary material reducing machine. 1,920,947; Aug. 1.
- Armstrong, Werner W., Milwaukee, Wis. Carburetor. 1,927,302; Sept. 19.
- Armstrong, William H., Plainfield, assignor to Ingersoll-Rand Company, Jersey City, N. J. Supporting device. 1,908,299; May 9.
- Armstrong, William T., Burbank, Calif. Bottle opener. Des. 90,011; May 30.
- Arnault, Earl T., Tacoma, Wash. Wall clock. Des. 88,849; Jan. 3.
- Arndt, Edwin E. (See Begley, J. P., and Arndt.)
- Arndt, Ernest A., Sioux City, Iowa. Combination trunk and luggage carrier. Re19,035; Dec. 26.
- Arndt, Franklin E., assignor to The Galion Iron Works, & Manufacturing Company, Galion, Ohio. Road grader and scarifier. 1,918,169; July 11.
- Arndt, Franklin E., assignor to The Galion Iron Works & Manufacturing Co., Galion, Ohio. Stone and asphalt spreader. 1,940,898; Dec. 26.
- Arndt, Raymond A. (See Merz, O. H., Arndt, and Lange.)
- Arness, William B., assignor to Alloy Research Corporation, Baltimore, Md. Producing alloys. 1,925,916; Sept. 5.
- Arness, William B., assignor to Alloy Research Corporation, Baltimore, Md. Producing alloys. 1,932,252; Oct. 24.
- Arnest, Howard P. (See Brooks, Linzy W., assignor.)
- Arnim, Edward A., jr., et al. (See Dozier, Joseph V., assignor.)
- Arnoff, David B., New York, N. Y. Tongs. 1,897,991; Feb. 14.
- Arnold, Arthur A., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Combination guard and support for a fan. Des. 90,145; June 20.
- Arnold, Arthur A., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fan guard. Des. 90,146; June 20.
- Arnold, Arthur A., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Combined guard, support, and driving means for a fan. Des. 90,186; June 27.
- Arnold, Arthur W., Portland, Oreg. Power transmitting mechanism. 1,939,756; Dec. 19.
- Arnold, Carl, Nuremberg, Germany. Siren toy with spark producing device. 1,899,073; Feb. 28.
- Arnold, Carl, Nuremberg, Germany. Toy with driving mechanism. 1,938,129; Dec. 5.
- Arnold, Carl G., Los Angeles, Calif. Suspenders. 1,906,732; May 2.
- Arnold, Cecile. (See Vice, Holton, assignor.)
- Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,936,927; Nov. 28.
- Arnold, Christian, Cologne-Kalk, Germany. Manufacture of steel. 1,923,471; Aug. 22.
- Arnold, Clarence F., Drexel Hill, Pa. Tasseling machine. 1,905,978; Apr. 25.
- Arnold, Edward F., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Leather finish. 1,911,937; May 30.
- Arnold, Edwin E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Emergency-stop means for elevator cars and counterweights. 1,932,060; Oct. 24.
- Arnold, Edwin E., Pittsburgh, and H. D. James, Edge-wood, Pa., assignors to Westinghouse Electric and Manufacturing Company. Elevator brake. 1,936,780; Nov. 28.
- Arnold, Frank K., and H. T. Kingsbury, assignors to Kingsbury Manufacturing Company, Keene, N. H. Label delivering machine. 1,931,369; Oct. 17.
- Arnold, Harold A., Menomonee Falls, Wis. Snap switch and actuator. 1,929,545; Oct. 10.
- Arnold, Harvey D., Philadelphia, Pa. Brake mechanism for velocipedes. 1,933,955; Nov. 7.
- Arnold, Heinrich. (See Beer, K., Klaiber, and Arnold.)
- Arnold, Heinrich, Waiblingen, E. Lutscher, Ravensburg, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Switch control means for vehicle lamps. 1,903,586; Apr. 11.
- Arnold, Heinrich, Waiblingen, and L. Holm, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Controlling ring for signaling devices of vehicles. 1,909,143; May 16.
- Arnold, Henry B., and L. B. Cooke, assignors to Western Electric Company, Incorporated, New York, N. Y. Calling circuit. 1,898,516; Feb. 21.
- Arnold, Herrick R., and W. A. Lazier, Elmhurst, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Impregnating porous materials. 1,939,647; Dec. 19.
- Arnold, James C., Los Angeles, Calif. Means to produce a hydrocarbon and metallic sol. 1,933,836; Nov. 7.
- Arnold, John F. (See Larson, Edwin C., assignor.)
- Arnold, John W., San Francisco, Calif. Automatic lubricator. 1,940,481; Dec. 19.
- Arnold, Joseph M., Ganshoren, Belgium. Hinge. 1,898,161; Feb. 21.
- Arnold, Max, New York, N. Y. Satchel. 1,895,744; Jan. 31.
- Arnold, Oliver P., Snyder, assignor to W. E. Greene Corporation, New York, N. Y. Doctor blade for rolls, cylinders, and the like. 1,933,837; Nov. 7.
- Arnold, Paul L. (See Hunt, H. S., and Arnold.)
- Arnot, William D., Seattle, Wash. Washing machine cylinder. 1,935,691; Nov. 21.
- Arnsen, Ludwig, New York, N. Y. Pillow speaker. 1,931,312; Oct. 17.
- Arnstein, Karl, and P. Helma, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Airship bulkhead. 1,913,325; June 6.
- Arnstein, Walter L., White Plains, N. Y., and V. E. Rinehart, Boonton, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing. 1,927,058; Sept. 19.
- Aro Equipment Corporation, The. (See Carter, John F., assignor.)
- Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
- Aro Equipment Corporation, The. (See Hartman, George H., assignor.)
- Aro Equipment Corporation, The. (See Nielsen, Iver B., assignor.)
- Aro Equipment Corporation, The. (See Wilson, Charles G., assignor.)
- Aron, Manfred, Berlin-Westend, and H. Kante, Berlin, assignors to Aronwerke Elektrizitäts Aktiengesellschaft, Berlin-Charlottenburg, Germany. Station indicator for radio receivers. 1,907,232; May 2.
- Aronowitz, Isaac J., Cambridge, England. Petrol and like lighter. 1,932,652; Oct. 31.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Cigar lighter. Re19,023; Dec. 12.

- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Atomizer. 1,900,087; Mar. 7.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Lighter construction. 1,900,684; Mar. 7.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined safety razor and sharpening device. 1,905,329; Apr. 25.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined safety razor and sharpening device. 1,905,330; Apr. 25.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined safety razor and sharpening device. 1,905,331; Apr. 25.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Atomizer. 1,914,094; June 13.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Atomizer. 1,914,319; June 13.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Safety razor and combined hone and guard. 1,914,630; June 20.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Atomizer. 1,929,465; Oct. 10.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Pyrophoric lighting mechanism and associated cane structure. 1,930,501; Oct. 17.
- Aronson, Louis V., assignor to Art Metal Works, Inc., Newark, N. J. Combined safety razor and sharpening mechanism. 1,931,856; Oct. 24.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Combined safety razor and sharpening device. 1,932,386; Oct. 31.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Soap dispensing shaving brush or the like. 1,937,005; Nov. 28.
- Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Soap dispensing shaving brush or the like. 1,937,006; Nov. 28.
- Aronwerke Elektrizitäts Aktiengesellschaft. (See Aron, M., and Kante, assignors.)
- Arp, Ewald A., Minneapolis, Minn., assignor to Van Norman Machine Tool Company, Springfield, Mass. Tool attachment device. Re18,832; May 16.
- Arp, Ewald A., Minneapolis, Minn., assignor to Van Norman Machine Tool Company, Springfield, Mass. Method and apparatus for predetermining the size of rebored cylinders. 1,906,241; May 2.
- Arpin, Edmund P., jr., assignor to Nekoosa-Edwards Paper Company, Port Edwards, Wis. Treating paper. 1,913,017; June 6.
- Arpin, Edmund P., jr., Port Edwards, Wis. Spray treating of web material on the paper machine. 1,938,790; Dec. 12.
- Arpin, Louis J., New York, N. Y. Method and means of identification. 1,906,129; Apr. 25.
- Arquint, Hans, Pasing, near Munich, Germany. Vehicle body framework. 1,937,183; Nov. 28.
- Arras, Damiano. (See Hamilla, G. J., and Arras.)
- Arras, George, Chicago, Ill. Lighting fixture. 1,940,482; Dec. 19.
- Arras, George, and D. E. Worrell, Chicago, Ill. Lighting fixture. 1,918,828; July 18.
- Arrington, John, Seattle, Wash. Slip cut. 1,915,588; June 27.
- Arrow-Hart & Hegeman Electric Company, The (See Bentley, Robert H., assignor.)
- Arrow-Hart & Hegeman Electric Company. (See Gates, Frederic P., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Grier, Edward B., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Guett, Monroe, assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Harrington, William H., assignor.)
- Arrow-Hart & Hegeman Company, The. (See Nero, Arvid H., assignor.)
- Arrow Safety Device Company. (See Haines, John R., assignor.)
- Arrowsmith, John D. (See Myers, J. G., and Arrowsmith.)
- Arrowsmith, John D., et al. (See Thompson, H. J., and Sulak, assignors.)
- Arsem, William C., Schenectady, N. Y. Composition of matter and making same. 1,938,791; Dec. 12.
- Arste, Henry L., Alhambra, Calif. Doorknob lock. 1,899,380; Feb. 28.
- Art Concrete Works, Inc. (See Haase, L. G., and Brooks, assignors.)
- Artcrafter's Guild. (See Beauchamp, R. E., and Otto, assignors.)
- Art Institute of Chicago, The. (See Smetko, Michael, assignor.)
- Art Metal Company, The. (See Glatthar, George E., assignor.)
- Art Metal Construction Company. (See Carlson, David A., assignor.)
- Art Metal Construction Company. (See Gronberg, V. A., and Jones, assignors.)
- Art Metal Construction Company. (See Jones, James R., assignor.)
- Art Metal Construction Company. (See Skar, John G. L., assignor.)
- Art Metal Construction Company. (See Ulrich, Charles B., assignor.)
- Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
- Art Metal Works, Inc. (See Rogers, James F., assignor.)
- Arter Grinding Machine Company. (See Arter, William, H., and Webster, assignors.)
- Arter Grinding Machine Company. (See Webster, Samuel T., assignor.)
- Arter, Harry. (See Arter, William and H., and Webster.)
- Arter, Roy C., assignor to The North Electric Manufacturing Company, Gallon, Ohio. Control system for automatic substations. 1,929,669; Oct. 10.
- Arter, William, and H., and S. T. Webster, assignors to Arter Grinding Machine Company, Worcester, Mass. Magnetic chuck circuits. 1,941,381; Dec. 26.
- Arterburn, Lloyd, assignor to The Studebaker Corporation, South Bend, Ind. Fan. 1,934,783; Nov. 14.
- Arth, Isidor, assignor to Isidor Arth & Son, Oakland, Calif. Pistol holster. 1,903,084; Mar. 28.
- Arth, Isidor, & Son. (See Arth, Isidor, assignor.)
- "Arthel" (Société d'Exploitation des Brevets Jacques Arthuys). (See Arthuys, J. M., and Bayle, assignors.)
- Arthur, Edwin B., and F. G. Leslie, Irwin, Pa. Ash tray. 1,920,136; July 25.
- Arthur, Furman C., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Producing aluminum bronze powder and lubricants therefor. 1,920,234; Aug. 1.
- Arthur, Gilbert V., Hot Springs, Va. Orthopedic brace. 1,930,188; Oct. 10.
- Arthur, Glen J., Rock Island, Ill. Nursery chair. 1,910,736; May 23.
- Arthur, James F., Dickson City, Pa. Adjustable support for domestic hot water boilers. 1,931,714; Oct. 24.
- Arthur, James H., Providence, R. I., assignor of one-half to Rau Fastener Company, and one-half to E. E. Weller, Providence, R. I. Ornamental device. 1,934,653; Nov. 7.
- Arthur, James L. (See Prescott, F. H., and Arthur.)
- Arthur, James L., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,895,119; Jan. 24.
- Arthur, James L., Anderson, Ind., assignor to Delco-Remy Corporation, Dayton, Ohio. Suction automatic timers. 1,909,038; May 16.
- Arthur, James L., assignor to Delco-Remy Corporation, Anderson, Ind. Regulating device. 1,929,382; Oct. 3.
- Arthuys, Jacques M., Paris, and A. Bayle, Vanves, assignors, by mesne assignments, to "Arthel" (Société d'Exploitation des Brevets Jacques Arthuys), Paris, France. Self adjusting sunlight reflector. 1,938,003; Dec. 5.
- Artility Metal Products, Inc. (See Sims, E. M., and Harter, assignors.)
- Artisan Shoe Company. (See Rizzo, Samuel, assignor.)
- Artistic Brass & Bronz Works, Inc. (See Poritz, Frederick M., assignor.)
- Arundel Corporation, The. (See Bacot, George H., assignor.)
- Arvedson, George C. (See Barkeij, Jean A. H., assignor.)
- Arveson, Maurice H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Grease insoluble in gasoline. 1,900,759; Mar. 7.
- Arvey Corporation. (See Blum, Sidney J., assignor.)
- Arvey Corporation. (See Horwath, Julius, assignor.)
- Arvey Manufacturing Co. (See Hall, Richard E., assignor.)
- Arvia, Patsy, assignor of one-half to A. J. Farkas, Chicago, Ill. Hospro protector. 1,934,473; Nov. 7.
- Arvidsson, Nils, Chicago, Ill. Automatic cigarette dispenser and lighter. 1,906,945; May 2.
- Arwood, Fritt G., Washington, D. C., assignor to The Houghton Elevator & Machine Company, Toledo, Ohio. Automatic floor leveling equipment for elevators. 1,937,136; Nov. 28.
- Arzet, Paul, assignor to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Special package. 1,907,172; May 2.
- Arzt, Louis, New York, N. Y. Folding chair bed. 1,938,240; Dec. 5.
- Asahina, Yasuhiko. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Asao, Soichiro, and M. Suzuki, Tokyo, Japan, assignors to General Electric Company. Photo-electric tube. 1,936,419; Nov. 21.
- Asbeck, Gustav, Dusseldorf-Rath, Germany. Rolling mill. 1,899,659; Feb. 28.
- Asbestos Manufacturing Company. (See Evans, Richard J., assignor.)
- Asbestos Wood & Shingle Co. (See MacIldowie, John C., assignor.)
- Asbridge, Harry H., Ashton-upon-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadhead, near Manchester, England. Precision grinding or abrading machine. 1,928,162; Sept. 26.
- Asbury, Dorsey F., Broomes Island, Md. Radio apparatus. 1,903,156; Mar. 28.
- Asbury, Dorsey F., Broomes Island, Md. Variable condenser. 1,903,157; Mar. 28.
- Asbury, Dorsey F., Broomes Island, Md. Exhaust valve stem shield. 1,903,158; Mar. 28.
- Asbury, Dorsey F., Broomes Island, Md. Internal combustion engine. 1,903,159; Mar. 28.
- Asbury, Dorsey F., Broomes Island, Md. Internal combustion engine structure. 1,903,160; Mar. 28.
- Asbury, Willard C., Baton Rouge, La., assignor to Standard-I. G. Company. Treatment of carbonaceous materials. 1,934,028; Nov. 7.
- Asbury, Willard C., Baton Rouge, La., assignor to Standard Oil Development Company. Treating gaseous mixtures. 1,934,029; Nov. 7.

- Asch, Abraham B. (See Laughlin, W. C., and Ashe.)
- Asch, Joseph C., Montreal, Quebec, Canada. Illuminating device and manufacturing same. 1,923,807; Aug. 22.
- Asche, Walter, St. George, N. Y. Clay working and conditioning. 1,898,333; Feb. 21.
- Aschenbach, Emerson. (See Gruver, F. S., and Aschenbach.)
- Aschenbrenner, Claus, assignor to Firm Photogrammetrie G. m. b. H., Munich, Germany. Correction for distortion the component pictures produced from different photographic registering devices. 1,906,509; May 2.
- Ascher, Max F., Chicago, Ill. Garter. 1,922,413; Aug. 15.
- Ascherl, Alfons, and W. Gruber, Burghausen, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, Munich, Bavaria, Germany. Drawing cellulose acetate threads. 1,892,923; Jan. 3.
- Ascherl, Alfons, and W. Gruber, Burghausen, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, Munich, Bavaria, Germany. Drawing cellulose acetate threads. 1,925,829; Sept. 5.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,897,101; Feb. 14.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,897,102; Feb. 14.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,897,103; Feb. 14.
- Aseltine, Fred E., Dayton, Ohio, assignor to Delco Products Corporation, Anderson, Ind. Charge forming device. 1,900,685; Mar. 7.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Duplex charge forming device. 1,905,029; Apr. 25.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,905,030; Apr. 25.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,910,421; May 23.
- Aseltine, Fred E., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,911,135; May 23.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,913,139; June 6.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,916,906; July 4.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Carburetor. 1,922,414; Aug. 15.
- Aseltine, Fred E., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,925,430; Sept. 5.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Manifold for internal combustion engines. 1,926,019; Sept. 12.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,926,020; Sept. 12.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,926,021; Sept. 12.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge-forming device. 1,931,599; Oct. 24.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Carburetor. 1,933,134; Oct. 31.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,939,431; Dec. 12.
- Aseltine, Fred E., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,941,334; Dec. 26.
- Aseltine, Fred E., W. H. Teeter, C. H. Kindl, and F. D. Funsteson, assignors to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,913,741; June 13.
- Aseltine, Fred E., C. H. Kindl, and W. H. Teeter, assignors, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,937,938; Dec. 5.
- Asenbaum, Ernest, assignor to "Frecaldo" Automaten-Handelsgesellschaft Richter & Co., Vienna, Austria. Automatic selling machine. 1,895,745; Jan. 31.
- Ash, Aubrey L., Thorpe Bay, and W. P. Watkins, London, assignors to J. Stone & Company, Limited, Deptford, England. Bulkhead door, sluice gate, and the like. 1,935,005; Nov. 14.
- Ash, Charles S., Royal Oak, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wire wheel. 1,911,049; May 23.
- Ash, Charles S., Birmingham, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. 1,924,970; Aug. 29.
- Ash, Charles S., Birmingham, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Manufacturing spoked wheels. 1,933,956; Nov. 7.
- Ash, Charles S., assignor to California Packing Corporation, San Francisco, Calif. Treating fish. 1,934,677; Nov. 14.
- Ash, Charles S., Birmingham, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. 1,939,641; Dec. 19.
- Ash, Elmer E., Los Angeles, Calif. Typewriter support. 1,929,048; Oct. 3.
- Ashaway Line and Twine Manufacturing Company. (See Crandall, Julian T., assignor.)
- Ashbaugh, John H. (See Nycum, H. C., and Ashbaugh.)
- Ashbaugh, John H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,901,621; Mar. 14.
- Ashbaugh, John H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,914,095; June 13.
- Ashbaugh, John H., Longmeadow, Mass., and R. A. Gelselmau, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Automatic regulating system. 1,920,544; Aug. 1.
- Ashbaugh, John H., Springfield, Mass., and R. A. Gelselman, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Regulating system. 1,932,030; Oct. 24.
- Ashbrook, Byron B., Johnstown, Ohio. Automatic door opener. 1,900,785; Mar. 7.
- Ashby, Fred F., Jackson, Tenn. Basket and closure therefor. 1,925,128; Sept. 5.
- Ashby, John T. (See Weich, S. A., Guyler, Ashby, and Boaler.)
- Ashco Corporation. (See Schmidt, Carl A., assignor.)
- Ashcroft, Alfred G., and W. D. Kellogg, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Chenille carpet. 1,911,343; May 30.
- Ashe, Marsellus T., Garden City, N. Y. Container. 1,933,838; Nov. 7.
- Ashenden, Richard C., Newton, assignor to L. L. Rowe Company, Boston, Mass. Coffee making apparatus. 1,910,514; May 23.
- Asher, William J., Colorado Springs, Colo. Automatic apron or belt guiding mechanism. 1,915,878; June 27.
- Asher, William J., Colorado Springs, Colo. Ironing machine. 1,937,421; Nov. 28.
- Asher, William J., Colorado Springs, Colo. Pressure extractor. 1,939,757; Dec. 19.
- Asher, William J., Colorado Springs, Colo. Pressure extractor. 1,939,758; Dec. 19.
- Ashford, Ernest, Charlton, London, England. Apparatus for cutting glass tubing. 1,900,971; Mar. 14.
- Ashleman, Ernest, Wichita, Kans. Adjustable chair. 1,919,820; July 25.
- Ashley, Chester C., Berkeley, and W. I. Steele, Redwood City, assignors, by mesne assignments, to Shell Development Company, San Francisco, Calif. Apparatus for injecting liquid material into gases. 1,930,848; Oct. 17.
- Ashley, James. (See Lorence, Roy, assignor.)
- Ashley, James H., Melbourne, Fla. Fruit juice extractor. 1,908,807; May 16.
- Ashley, John D., Jr., et al. (See Menamin, Francis G., assignor.)
- Ashley, John D., Jr., and F. C. Menamin, deceased; M. A. Menamin, executrix, assignor to A. C. Moeller, J. D. Ashley, Jr., and D. E. Rattin, individually and trading as Electric Meter Lock Company, Philadelphia, Pa. Nonremovable clutch or friction grip. 1,937,864; Dec. 5.
- Ashley, John W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,939,648; Dec. 19.
- Ashman, Alfred O. (See Bunce, E. H., and Ashman.)
- Ashmead, Dever C., Kingston, assignor of one-half to G. W. Wilmot, Hazleton, and one-fourth to E. Welles, Jr., Wilkes-Barre, Pa. Separation of granular materials. 1,909,159; May 16.
- Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Fountain pen. 1,896,152; Feb. 7.
- Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Company, Camden, N. J. Fountain pen. 1,918,239; July 18.
- Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Fountain pen. 1,939,649; Dec. 19.
- Ashmun, Harry S., assignor to The Armstrong Manufacturing Co., New York, N. Y. Device and forming tapered thread on pipes. 1,911,598; May 30.
- Ashmusen, Clara M., executrix. (See Ashmusen, Henry W.)
- Ashmusen, Henry W., deceased, by C. M. Ashmusen, executrix, Omaha, Nebr. Cooling system and cylinder head construction. 1,940,522; Dec. 19.
- Ashtabula Corrugated Box Company, The. (See Sherman, Elroy P., assignor.)
- Ashton Valve Company, The. (See Motherwell, Joseph W., assignor.)
- Ashworth, Edward M., and F. F. Ambuhl, assignors to Toronto Electric Commissions, Toronto, Ontario, Canada. Polarized relay switch. 1,933,649; Nov. 7.
- Ashworth, Fred, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine shuttle. 1,905,032; Apr. 25.
- Ashworth, Fred, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,931,917; Oct. 24.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel breast-ing machine. 1,904,346; Apr. 18.

- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,905,031; Apr. 25.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,914,936; June 20.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rand forming machine. 1,920,235; Aug. 1.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel machine. 1,923,068; Aug. 22.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thread treating apparatus for sewing machines. 1,923,563; Aug. 22.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,925,513; Sept. 5.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lockstitch sewing machine. 1,937,215; Nov. 28.
- Asiatic Petroleum Company Limited, The. (See Lubbock, I., and Joyce, assignors.)
- Asiatic Petroleum Company, The. (See Lubbock, I. and Joyce, assignors.)
- Aska, Robert N. Chicago, Ill. Curtain stretcher. 1,918,888; July 18.
- Askania-Werke A. G. Vormalis Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Möller, Waldemar, assignor.)
- Askania-Werke Aktiengesellschaft. (See Möller, Waldemar, assignor.)
- Askania-Werke Aktiengesellschaft. (See Wünsch, Guido, assignor.)
- Askania-Werke Akt. Ges. vorm Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See Wünsch, Guido, assignor.)
- Askania-Werke Aktiengesellschaft, vormalis Centralwerkstatt Dessau und Carl Bamberg Friedenau, et al. (See Stein, T., and Wünsch, assignors.)
- Aske, Irving E., W. F., and L. E., Minneapolis, Minn. Electromagnetic valve. 1,892,825; Jan. 3.
- Aske, Leonard E. (See Aske, Irving E., W. F., and L. E.)
- Aske, William F. (See Aske, Irving E., W. F., and L. E.)
- Askenasy, Paul, and A. Heller, Karlsruhe, Germany. Producing simultaneously ethylene glycol and acetaldehyde. 1,928,240; Sept. 26.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Car heater. 1,907,032; May 2.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Oil cooler. 1,907,033; May 2.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid cooling apparatus. 1,907,641; May 9.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid refrigerating and dispensing system. 1,927,273; Sept. 19.
- Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid cooling apparatus. 1,930,220; Oct. 10.
- Asmussen, August J., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerating mechanism. 1,903,848; Apr. 18.
- Asobe, Sotojiro, Kanazawa-Shi, Japan. Making Japanned metallic tiles. 1,930,990; Oct. 17.
- Asp, Nels, Chicago, Ill. Radiator. 1,894,436; Jan. 17.
- Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,939,534; Dec. 12.
- Asphalt Process Corporation. (See Mickelson, Alfred O., assignor.)
- Assael, Maurice M., Paris, France. Decorative plastic surface. 1,909,514; May 16.
- Asselstine, Ernest B., Everett, Mass. Waste receptacle. 1,935,382; Nov. 14.
- Asser, Erich, Wandsbek, Germany. Treating drying oils. 1,902,684; Mar. 21.
- Asserson, Raymond. (See Farnham, P. O., and Asserson.)
- Associated Apparel Industries, Inc. (See Cunningham, Katherine E., assignor.)
- Associated Electric Laboratories, Inc. (See Anderson, Clarence A., assignor.)
- Associated Electric Laboratories, Inc. (See Barkham, Joseph W., assignor.)
- Associated Electric Laboratories Inc. (See Barnay, Antoine, assignor.)
- Associated Electric Laboratories, Inc. (See Bataille, Roger, assignor.)
- Associated Electric Laboratories, Inc. (See Bellamy, John L., assignor.)
- Associated Electric Laboratories, Inc. (See Belliveau, Alfred H., assignor.)
- Associated Electric Laboratories, Inc. (See Brooks, Charles R., assignor.)
- Associated Electric Laboratories, Inc. (See Brooks, C. R., and Ostline, assignors.)
- Associated Electric Laboratories, Inc. (See Burgener, John A., assignor.)
- Associated Electric Laboratories, Inc. (See Crocker, Thomas F., assignor.)
- Associated Electric Laboratories, Inc. (See Doyle, Frederick W., assignor.)
- Associated Electric Laboratories, Inc. (See Doyle, F. W., and Rogers, assignors.)
- Associated Electric Laboratories, Inc. (See Gohorel, Fernand, assignor.)
- Associated Electric Laboratories, Inc. (See Gould, Roy F., assignor.)
- Associated Electric Laboratories, Inc. (See Griffins, Morris E., assignor.)
- Associated Electric Laboratories, Inc. (See Harbecke, Herman H., assignor.)
- Associated Electric Laboratories, Inc. (See Hershey, Harry E., assignor.)
- Associated Electric Laboratories, Inc. (See Homer, William J., assignor.)
- Associated Electric Laboratories, Inc. (See Hudd, Alfred E., assignor.)
- Associated Electric Laboratories, Inc. (See Ide, Harry H., assignor.)
- Associated Electric Laboratories, Inc. (See Kahn, Frederick L., assignor.)
- Associated Electric Laboratories, Inc. (See Kapp, William F., assignor.)
- Associated Electric Laboratories, Inc. (See Kelly, John P., assignor.)
- Associated Electric Laboratories, Inc. (See Lesh, Laurence J., assignor.)
- Associated Electric Laboratories, Inc. (See Levy, Oscar C., assignor.)
- Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
- Associated Electric Laboratories, Inc. (See McCreary, Harold J., assignor.)
- Associated Electric Laboratories, Inc. (See Mercer, R., and Tench, assignors.)
- Associated Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)
- Associated Electric Laboratories, Inc. (See Nelson, M. L., and Hershey, assignors.)
- Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
- Associated Electric Laboratories, Inc. (See Obergfell, H. F., and Eickenberg, assignors.)
- Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
- Associated Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
- Associated Electric Laboratories, Inc. (See Phebus, William C., assignor.)
- Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
- Associated Electric Laboratories, Inc. (See Ray, Arthur J., assignor.)
- Associated Electric Laboratories, Inc. (See Richardson, Rodney G., assignor.)
- Associated Electric Laboratories, Inc. (See Richardson, R. G., and Bellamy, assignors.)
- Associated Electric Laboratories, Inc. (See Ruggles, Leonard L., assignor.)
- Associated Electric Laboratories, Inc. (See Ryall, Leonard E., assignor.)
- Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
- Associated Electric Laboratories, Inc. (See Saunders, N. H., and Lomax, assignors.)
- Associated Electric Laboratories, Inc. (See Saunders, N. H., Lomax, and Crocker, assignors.)
- Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
- Associated Electric Laboratories, Inc. (See Smith, H. H., and Wicks, assignors.)
- Associated Electric Laboratories, Inc. (See Steerup, Godfrey, assignor.)
- Associated Electric Laboratories, Inc. (See Stonebridge, George E., jr., assignor.)
- Associated Electric Laboratories, Inc. (See Tharp, Victor S., assignor.)
- Associated Electric Laboratories, Inc. (See Tharp, V. S., and Lomax, assignors.)
- Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)
- Associated Electric Laboratories, Inc. (See Weinreich, George F., assignor.)
- Associated Electric Laboratories. (See Wicks, John, assignor.)
- Associated Electric Laboratories, Inc. (See Wicks, J. and Evers, assignors.)
- Associated Electric Laboratories, Inc. (See Wicks, John, and Gould, assignors.)
- Associated Electric Laboratories, Inc. (See Wicks, J., Richardson, and Bellamy, assignors.)
- Associated Electric Laboratories, Inc. (See Wood, Frederic E., assignor.)
- Associated Electrical Industries, Ltd. (See Bailey, Richard W., assignor.)
- Associated Electrical Industries Limited. (See Brown, Walter J., assignor.)
- Associated Electrical Industries Limited. See Hoseason, Donald B., assignor.)
- Associated Engineers Company. (See Schuchardt, R. F., and Tillson, assignors.)
- Associated Engineering and Supply Company. (See Stewart, Carlton D., assignor.)
- Associated London Flour Millers Limited, The. (See Bryan, Noel T., assignor.)

- Associated Manufacturers Corporation of America. (See Edwards, J. M., and Dilger, assignors.)
- Associated Merchandising Corporation. (See Langer, Harry, assignor.)
- Associated Merchandising Corporation. (See Simpson, Adele, S., assignor.)
- Associated Oil Company. (See Sheridan, James C., assignor.)
- Associated Patenteers, Inc. (See Borton, Alwyn E., assignor.)
- Associated Telephone and Telegraph Company. (See Beale, C. E., and Taylor, assignors.)
- Associated Telephone and Telegraph Company. (See Caswell, Arthur E., assignor.)
- Associated Telephone and Telegraph Company. (See Gillings, C., and Belas, assignors.)
- Associated Telephone and Telegraph Company. (See Gillings, C., Belas, Beale, Taylor, and Baker, assignors.)
- Associated Telephone and Telegraph Company. (See Harrison, Harry H., assignor.)
- Associated Telephone and Telegraph Company. (See Rhodes, C., and Phillips, assignors.)
- Associated Telephone & Telegraph Company. (See Saville, Willie, assignor.)
- Associated Telephone and Telegraph Company. (See Stehlik, Rudolph F., assignor.)
- Associated Telephone and Telegraph Company. (See Taylor, Reginald, assignor.)
- Associated Telephone and Telegraph Company. (See Taylor, R., and Mason, assignors.)
- Associated Telephone and Telegraph Company. (See Woodland, C. R., and Ellis, assignors.)
- Association of American Soap and Glycerine Producers. (See Hoover, Kenneth H., assignor.)
- Association of Motion Picture Producers, Inc. (See Rackett, Gerald F., assignor.)
- Aston, Charles H., Christchurch, New Zealand. Flux for use in soldering metals. 1,927,355; Sept. 19.
- Aston, Frederick C., Pittsburgh, Pa. Automobile headlight bulb cap. 1,898,517; Feb. 21.
- Astrawerke Aktiengesellschaft. (See Greve, John E. W., assignor.)
- Astrawerke Aktiengesellschaft. (See Seyfried, Ernst H., assignor.)
- Astrove, Joseph, assignor to Tidy Products Corporation, New York, N. Y. Infant's robe. 1,919,154; July 18.
- Astrup Company, The. (See Heiser, Henry C., assignor.)
- Astrup Company, The. (See Heyer, Martin E., assignor.)
- Atchison, Frank T., Stockton, Ill. Poultry feeder. 1,911,257; May 30.
- Atchison Revolving Door Co., The. (See Uhrich, Burns H., assignor.)
- Atchley, John A. and R. E., and E. H. Collins, Kansas City, Mo. Memorial plate marker. Des. 90,795; Oct. 3.
- Atchley, Reece E. (See Atchley, John A. and R. E., and Collins.)
- Ateliers de Constructions Electrique de Charleroi. (See Cornu, Maurice, assignor.)
- Athanassiou, Georges, St. Marcel, Marseille, France. Tractor-trailer coupling. 1,935,006; Nov. 14.
- Atherton, Alfred L., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company. Copper oxide rectifier. 1,924,300; Aug. 29.
- Atherton, Alfred L., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company. Mercury arc rectifier construction. 1,936,781; Nov. 28.
- Athey, Isaac H., assignor to Athey Truss Wheel Co., Chicago, Ill. Truss wheel construction. 1,940,835; Dec. 26.
- Athey Truss Wheel Co. (See Athey, Isaac H., assignor.)
- Athey Truss Wheel Co. (See Kuchar, Joseph, assignor.)
- Athon, Walter C., Cody, Wyo. Cigarette holder and extinguisher. 1,911,262; May 30.
- Atkins, E. C., & Company. (See Gommel, Dewey E., assignor.)
- Atkins, E. C., and Company. (See Roberts, Tom R., assignor.)
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,917,007; July 4.
- Atkins, Thomas R., Cliftondale, Mass. Shoe. Des. 89,294; Feb. 21.
- Atkins, Thomas R., Cliftondale, Mass. Shoe. Des. 89,295; Feb. 21.
- Atkinson, Cecil C. (See Jahn, F. M., and Atkinson.)
- Atkinson, F. R., Spring Co. (See Maybaw, K. W., and Holloway, assignors.)
- Atkinson, Frederick C., Indianapolis, Ind., assignor to John G. Praed. Tooth paste. 1,916,403; July 4.
- Atkinson, Graeme L. (See Davis, L. L., and Atkinson.)
- Atkinson, Macon E., assignor of one-half to T. H. McGhee, Ellersville, Va. Lamp holder. 1,912,351; May 30.
- Atkinson, Ralph L., Dorchester, Mass., assignor, by mesne assignments, to Empire Trust Company, New York, N. Y., as trustee. Granular material and method of making. 1,925,065; Aug. 29.
- Atkinson, Sheridan K., Boise, Idaho. Explosive fertilizer-cartridge. 1,929,300; Oct. 3.
- Atkinson, William H. (See Schneider, William R., assignor.)
- Atkinson, William H., San Francisco, Calif., assignor to The Magnavox Company, Chicago, Ill. Loud speaker mounting. 1,930,577; Oct. 17.
- Atlanta Metallic Casket Co. (See Harbin, Charles B., assignor.)
- Atlantic Carton Corporation. (See Whitehead, Earl B., assignor.)
- Atlantic Coast Fisheries Company, The. (See Cooke, Alexander H., assignor.)
- Atlantic Coast Fisheries Company. (See Taylor, Harden F., assignor.)
- Atlantic Elevator Company. (See Borden, Joseph H., assignor.)
- Atlantic Elevator Company. (See Mechling, William H., assignor.)
- Atlantic Elevator Company, Inc., et al. (See Bouton, E. M., and Atkinson, assignors.)
- Atlantic Lithographic and Printing Company, The. (See Carmichael, David M., assignor.)
- Atlantic Precision Instrument Company. (See Allen, Albert, assignor.)
- Atlantic Refining Company. (See Birkhimer, Edwin R., assignor.)
- Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
- Atlantic Refining Company, The. (See Henderson, Lawrence M., assignor.)
- Atlantic Refining Company, The. (See Henderson, L. M., Ferris, and Cowles, assignors.)
- Atlantic Refining Company, The. (See Kurtz, Stewart S., jr., assignor.)
- Atlantic Refining Company, The. (See Malisoff, William M., assignor.)
- Atlantic Refining Company, The. (See Peterkin, A. G., jr., and Smith, assignors.)
- Atlantic Refining Company, The. (See Roulton, John A., assignor.)
- Atlantic Register Company. (See Potter, Charles W., assignor.)
- Atlas-Ansonia Company, The. (See Wittstein, Herman L., assignor.)
- Atlas Bolt & Screw Company. (See Clarkson, Bradley E., assignor.)
- Atlas Bolt & Screw Company. (See Schellentrager, Eugene W., assignor.)
- Atlas Foundry Company. (See Gaston, Fred A., assignor.)
- Atlas Manufacturing Company. (See Bleam, Edgar W., assignor.)
- Atlas Powder Company. (See Bashford, Raymond I., assignor.)
- Atlas Powder Company. (See Huyett, Daniel D., assignor.)
- Atlas Powder Company. (See Large, Sylvester B., assignor.)
- Atlas Powder Company. (See Rolland, Guy F., assignor.)
- Atlas Powder Company. (See Slusser, James E., assignor.)
- Atlas Powder Company. (See Young, Aubrey A., assignor.)
- Atlas Press Company. (See Childs, Harry E., assignor.)
- Atlas Press Company. (See Collins, James G., assignor.)
- Atlas Scraper Company. (See Ricks, Hyrum, jr., assignor.)
- Atlas Supply Company. (See McKenna, Charles J., assignor.)
- Atlas Underwear Company, The. (See Flesh, Alfred L., assignor.)
- Atlas Vending Corporation. (See Martin, T. C., and Woodworth, assignors.)
- Atmospheric Nitrogen Corporation. (See Bray, Ulric B., assignor.)
- Atmospheric Nitrogen Corporation. (See Coxon, Thomas, assignor.)
- Atmospheric Nitrogen Corporation. (See Davis, John W., assignor.)
- Atmospheric Nitrogen Corporation. (See Fogler, Mayor F., assignor.)
- Atmospheric Nitrogen Corporation. (See Kniskern, Walter H., assignor.)
- Atmospheric Nitrogen Corporation. (See Loud, Henry A., assignor.)
- Atmospheric Nitrogen Corporation. (See Porter, Frank, assignor.)
- Atmospheric Nitrogen Corporation. (See Tuck, William W., assignor.)
- Atterbury, Niles, Pittsburgh, Pa. Valve. 1,922,190; Aug. 15.
- Attkiss, Philip, Brooklyn, N. Y. Antifreezing solution. 1,893,835; Jan. 10.
- Attwood, Charles E., Lakewood, and R. C. Finch, assignors to Postindex Company, Inc., Jamestown, N. Y. Paper file. 1,936,546; Nov. 21.
- Atwater, Christopher G., Tarrytown, assignor to The Barrett Company, New York, N. Y. Producing ammonium sulphate. 1,917,915; July 11.
- Atwater, Harry A., Kansas City, Mo. Variable gas flow orifice. 1,913,149; June 6.
- Atwater, Horace B., Minneapolis, Minn. Display apparatus. 1,913,150; June 6.
- Atwater Kent Manufacturing Company. (See Dreyer, John F., jr., assignor.)
- Atwater Kent Manufacturing Company. (See Macnabb, Vernon C., assignor.)
- Atwater Kent Manufacturing Company. (See Miller, John M., assignor.)
- Atwater Kent Manufacturing Company. (See Place, Samuel W., assignor.)
- Atwater Kent Manufacturing Company. (See Schade, Otto H., assignor.)
- Atwater Kent Manufacturing Company. (See Travis, Charles, assignor.)

- Atwater Kent Manufacturing Company. (See Woll, Charles F., assignor.)
- Atwell, Harold V., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Prevention of evaporation losses. 1,901,576; Mar. 14.
- Atwell, Harold V., Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Lubricating oil conditioner. 1,907,706; May 9.
- Atwell, Henry, Lake Villa, Ill. Milk cooling device. 1,926,831; Sept. 12.
- Atwood, Edwin W., et al. (See Crawford, Earl M., assignor.)
- Atwood, Francis C., Newton, Mass. Casein solution and making the same. 1,893,608; Jan. 10.
- Atwood, Francis C., Newton, Mass. Coating material. 1,898,518; Feb. 21.
- Atwood, George D., Brooklyn, N. Y. Spool. 1,897,227; Feb. 14.
- Atwood, G. D., Brooklyn, N. Y. Receptacle for material-carrying spools. 1,916,712; July 4.
- Atwood, George D., assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Stock box for typewriter ribbons. Des. 89,547; Mar. 28.
- Atwood, James T., Rockford, Ill. Hinge. 1,918,513; July 18.
- Atwood, John T., assignor to Reynolds Spring Company, Jackson, Mich. Spring cushion. 1,920,176; Aug. 1.
- Atwood, La Mott, assignor to Equipment & Supply Co. Inc., New York, N. Y. Hospital door and the like. 1,939,159; Dec. 12.
- Atwood Machine Company, The. (See Rowe, Irving R., assignor.)
- Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Electric switch. 1,935,428; Nov. 14.
- Aube, Jean, Paris, France. Hammer pulverizer. 1,908,724; May 16.
- Auberscheck, Joseph F., Milwaukee, Wis. Filter. 1,934,159; Nov. 7.
- Aubert & Duval Frères. (See Duval, Adrien J. P., assignor.)
- Aubert, Pierre F. M., and A. J. P. and H. A. M. Duval, Paris, France, assignors, by mesne assignments, to The Nitralloy Corporation. Hardening metal articles by nitrogenization. 1,895,439; Jan. 31.
- Aubert, Pierre F. M., Boulogne-sur-Seine, A. J. P. Duval, Paris, and H. A. M. Duval, Neuilly-sur-Seine, France, assignors to Nitralloy Corporation, The. Hardening metal articles by nitriding. 1,895,847; Jan. 31.
- Aubert, Roger. (See Villem, R., and Aubert.)
- Auble, James L., assignor to M. & A. Inc., Cincinnati, Ohio. Apparatus for forming sheet metal forms. 1,919,287; July 25.
- Auburn Burton Works, Inc. (See Woodruff, Carlton H., assignor.)
- Auburn Foundry, Inc. (See Fitch, H. H., and Frauenfelder, assignors.)
- Auchincloss, William K., assignor to American Car and Foundry Company, New York, N. Y. Tank car dome closure. 1,894,655; Jan. 17.
- Aucunas, Vincent J., Amsterdam, N. Y. Tire armor. 1,908,808; May 16.
- Audiffren Refrigerating Machine Company. (See Karr, A. D., and Perkins, assignors.)
- Audio Cinema, Inc. (See Lane, George, assignor.)
- Audubon Wire Cloth Company. (See Guba, Raymond J., assignor.)
- Aue, Herbert D., Bloomfield, N. J. Traveler for kite strings. 1,904,938; Apr. 18.
- Auer, Gustavus, Jr., Philadelphia, Pa. Fuel feeding mechanism for mechanical stokers. 1,941,197; Dec. 26.
- Auerbach, Ernst E., Berlin, Germany. Producing carbon dioxide in solid form. 1,925,041; Aug. 29.
- Auerbach, Rudolf, Neuenhagen, near Berlin, Germany, assignor to General Electric Company. Treatment of metals. 1,933,301; Oct. 31.
- Auerbach, Zemach, New York, N. Y. Filing or recording device. 1,900,479; Mar. 7.
- Auerbach, Zemach, New York, N. Y. Filing cabinet. 1,925,725; Sept. 5.
- Aufderhar, Arthur W. (See Groene, W. F., and Aufderhar.)
- Auiero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Motor. 1,939,032; Dec. 12.
- Aufricht, Gustave, New York, N. Y. Leakproof collapsible tube. 1,940,706; Dec. 26.
- Aufmesser, Gates B., assignor to Mohawk Brush Company, Albany, N. Y. Brush. Des. 89,433; Mar. 14.
- Aufmesser, Gates B., assignor to Mohawk Brush Company, Albany, N. Y. Brush. Des. 89,461; Mar. 14.
- Augenblick, Benjamin D., Springfield Gardens, assignor to Fred Fear & Company, Brooklyn, N. Y. Dyeing Easter eggs. 1,935,901; Nov. 21.
- Augenstein, Karl C., Cranston, assignor to Edwin F. M. Speidel, Edgewood, R. I. Ornamental chain. 1,900,377; Mar. 7.
- August, Herman A., special administrator. (See Miadowicz, Frank.)
- Augusta, Albert, Cleveland, Ohio. Foot support. 1,938,617; Dec. 12.
- Augustin-Normand, Paul, assignor to Société Anonyme Chantiers et Ateliers Augustin Normand, Le Havre, France. Boiler. 1,928,981; Oct. 3.
- Augustine, Carl H., Decatur, Ill. Marble shooter. 1,931,340; Oct. 17.
- Augustine, Vernon M. (See Davidsmeyer, O. H., and Augustine.)
- Augustus-Carpenter Corporation, The. (See Carpenter, Augustus, assignor.)
- Augustus-Carpenter Corporation, The. (See Carpenter, Ernest S., assignor.)
- Aulbach, Charles J. (See Punte, W. F., and Aulbach.)
- Aulbach, Charles J., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening container. 1,895,386; Jan. 24.
- Aulbach, Charles J., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Collar can and making same. 1,940,658; Dec. 26.
- Auld, John, Chicago, Ill. Fountain marking brush. 1,910,737; May 23.
- Aull, Jerome J., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Detachable valve member. 1,898,519; Feb. 21.
- Aull, Jerome J., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Wick oiler. 1,901,691; Mar. 14.
- Aull, Wilson, Jr. (See Washington, B., and Aull.)
- Aull, Wilson, Jr., Jackson Heights, N. Y. Remotely controlled radioreceiver. 1,918,683; July 18.
- Ault, Harvey N., Seattle, Wash. Safety device for wringers. 1,925,364; Sept. 5.
- Ault, Leonard B., Coventry, England, assignor to General Electric Company. Pick-up arm. 1,928,444; Sept. 26.
- Ault, Leonard B., and T. F. Robinson, Coventry, England, assignors to General Electric Company. Electric sound reproducing apparatus. 1,914,191; June 13.
- Ault & Wiborg Company, The. (See Lackaye, Earle H., assignor.)
- Aune, Lennie O. (See Johnson, H., and Aune.)
- Aurand, Edward L. (See Eggleston, L. W., and Aurand.)
- Aurand, Walter G., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Tarnishproof cloth. 1,933,302; Oct. 31.
- Aurelius, Thomas, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Adjustable clip for rails. 1,911,231; May 30.
- Aurien, George, and P. F. Gutmann, St. Louis, Mo., assignors to Mississippi Glass Company, New York, N. Y. Method and apparatus for cross cutting wire glass. 1,895,779; Jan. 31.
- Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake mechanism. 1,921,599; Aug. 8.
- Aurig, Max, Munich, Germany. Disintegrator. 1,924,828; Aug. 29.
- Aurili, Albert, assignor of one-half to Chauncey C. Woodworth, Palm Beach, Fla. Razor blade sharpener. 1,939,482; Dec. 12.
- Aurili, Albert, Lakeworth, assignor of one-half to Chauncey C. Woodworth, Palm Beach, Fla. Razor blade sharpener. 1,939,483; Dec. 12.
- Aurora Metal Cabinet Co. (See Fohn, Adolph E., assignor.)
- Ausnehmer, Elmer C. (See Stere, B. A., and Ausnehmer.)
- Ausnit, Edgar, et al. (See Pawlek, Franz, assignor.)
- Austen, Frederick H., Leicester, assignor to The Veneeray Invisible Heating Company, Limited, London, England. Radiator and the like. 1,899,787; Feb. 28.
- Austenal Laboratories, Inc. (See Prange, Charles H., assignor.)
- Austin, Arthur O., near Barberton, Ohio. Process and apparatus for treating conductors. 1,912,170; May 30.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. High tension installation. 1,893,318; Jan. 3.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Electrical protective apparatus. 1,893,319; Jan. 3.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Connection for high voltage lines. 1,894,338; Jan. 17.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Electric switch. 1,894,339; Jan. 17.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator pin. 1,894,340; Jan. 17.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Transmission line. 1,901,860; Mar. 21.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Conductor clamp. 1,902,008; Mar. 21.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Conductor attachment. 1,902,009; Mar. 21.
- Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Electrostatic condenser. 1,902,152; Mar. 21.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Process and apparatus for treating coated articles. 1,907,034; May 2.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 1,910,226; May 23.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Magnetic core. 1,910,227; May 23.

- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Capacitance tap for insulators. 1,910,228; May 23.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. High potential transmission installation. 1,914,394; June 20.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Current transformer. 1,914,395; June 20.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Transmission system. 1,914,396; June 20.
- Austin, Arthur O., near Barberton, Ohio, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Condenser lightning protection device. 1,923,564; Aug. 22.
- Austin, Arthur O., near Barberton, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio. Testing apparatus and method. 1,923,565; Aug. 22.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Current transformer. 1,925,167; Sept. 5.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Electric switch arrangement. 1,925,168; Sept. 5.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Jigger. 1,937,184; Nov. 28.
- Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,937,620; Dec. 5.
- Austin, Bascom O., Forest Hills, N. H. Willby and R. R. Brooks, Wilkensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Automatic control system. 1,894,971; Jan. 24.
- Austin, Bascom O., Forest Hills, and N. H. Willby, Wilkensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control apparatus. 1,929,670; Oct. 10.
- Austin, Basil G., West Hartford, assignor to The Austin Organ Company, Hartford, Conn. Organ stop operating mechanism. 1,899,381; Feb. 28.
- Austin, Basil G., West Hartford, assignor to The Austin Organ Company, Hartford, Conn. Electrically operated valve for organ pipes. 1,916,820; July 4.
- Austin, Dwight E., Los Angeles, Calif. Demountable motor construction for automobiles. 1,893,609; Jan. 10.
- Austin, Dwight E., Los Angeles, Calif. Flexible tube compressing device. 1,894,936; Jan. 24.
- Austin, Dwight E., Los Angeles, Calif. Automobile stage body. 1,902,607; Mar. 21.
- Austin, Dwight E., P. R. Bissell, and E. W. Crutchfield, Los Angeles, Calif. Chair. 1,903,253; Mar. 28.
- Austin, Ellsworth W., assignor to Knapp Manufacturing Corporation, Oakland, Calif. Earth mover. 1,928,778; Oct. 3.
- Austin, Evalena L. (See Perks, George W., assignor.)
- Austin, Francis S., assignor to Carbo-Oxygen Company, Pittsburgh, Pa. Blowpipe. 1,940,111; Dec. 19.
- Austin, Frank E., Hanover, N. H. Hurdle. 1,910,080; May 23.
- Austin, Frank E., assignor of one-half to H. E. Hillman, Hanover, N. H. Hurdle. 1,907,149; May 2.
- Austin, Frederick D., assignor to American Safety Boiler Control Corporation, Port Chester, N. Y. Safety control apparatus. 1,910,944; May 23.
- Austin, Frederick D., assignor to American Safety Boiler Control Corporation, Port Chester, N. Y. Safety device for boilers. 1,910,945; May 23.
- Austin, Gilbert, J. C. and W. A. Macfarlane, Glasgow, Scotland. Constant current variable voltage electric generating systems. 1,901,218; Mar. 14.
- Austin, Harry M., Chestnut Hill, assignor to Charles Blum, Philadelphia, Pa. Coin-controlled drink dispensing apparatus. 1,912,171; May 30.
- Austin, Harvey B., Narberth, Pa., assignor of one-half to George A. Thomson, Somerville, N. J. Disconnecting switch. 1,929,049; Oct. 3.
- Austin, Harvey D., Lakewood, Ohio, assignor, by mesne assignments, to Briggs & Stratton Corporation, Milwaukee, Wis. Resilient filter. 1,934,251; Nov. 7.
- Austin, Herbert, Bromsgrove, England. Motor vehicle body having collapsible head. 1,893,349; Jan. 3.
- Austin, Herbert, Bromsgrove, England. Motor vehicle body having collapsible head. 1,893,350; Jan. 3.
- Austin, Herbert, Bromsgrove, England. Vehicle body having a collapsible head. 1,893,351; Jan. 3.
- Austin, John B., assignor to Una Welding, Inc., Cleveland, Ohio. Welding electrode. 1,940,572; Dec. 19.
- Austin, John B., assignor to Una Welding, Inc., Cleveland, Ohio. Manufacturing welding electrodes. 1,940,573; Dec. 19.
- Austin, John B., Cleveland Heights, assignor to Una Welding, Inc., Cleveland, Ohio. Welding rod. 1,940,574; Dec. 19.
- Austin, John T., assignor to The Austin Organ Company, Hartford, Conn. Combination organ stop action. 1,901,622; Mar. 14.
- Austin, John T., assignor to The Austin Organ Company, Hartford, Conn. Combination organ stop mechanism. 1,901,623; Mar. 14.
- Austin, John T., assignor to The Austin Organ Company, Hartford, Conn. Combination organ stop action. 1,905,880; Apr. 25.
- Austin, Leonard E., Torrence, Calif. Electric cord plug-in connection. 1,909,648; May 16.
- Austin Manufacturing Co. (See Davis, F. S., and Woodier, assignors.)
- Austin Manufacturing Co. (See Morse, W. G., Wilson, and Wuestenberg, assignors.)
- Austin Manufacturing Co. (See Wilson, Fred D., assignor.)
- Austin, Miner M., Waukegan, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Manufacture of bimetal articles. 1,936,222; Nov. 21.
- Austin Organ Company, The. (See Austin, Basil G., assignor.)
- Austin Organ Company, The. (See Austin, John T., assignor.)
- Austin, Stanley H. (See Perks, George W., assignor.)
- Austin, Walter M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,893,046; Jan. 3.
- Austin, Walter M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc extinguishing structure. 1,896,763; Feb. 7.
- Austin, William A., Wynnewood, Pa. Water tube locomotive boiler. 1,925,026; Aug. 29.
- Austing, Leonard F. (See Wigley, F. S., and Austing.)
- Austral Window Company. (See Ellison, Edward H., assignor.)
- Autem, Fred, assignor to Textile Machine Works, Wyomissing, Pa. Roller raceway for braiding machine bobbins. 1,931,051; Oct. 17.
- Autier, Victor, Lille, France. Tightness device. 1,929,733; Oct. 10.
- Autler, Arthur et al. (See Hamill, Ret O., assignor.)
- Autler, Grover, et al. (See Hamill, Ret L., assignor.)
- Auto and Plane Engineering Company. (See O'Brien, John J., assignor.)
- Autofont Company, The. (See Moore, John W., assignor.)
- Autogas Corporation. (See Wetherbee, Ashur U., assignor.)
- Autogenwerk Sirius Gesellschaft mit beschränkter Haftung. (See Keusen, Peter, assignor.)
- Autogiro Company of America. (See Alfaro, Heraclio, assignor.)
- Autogiro Company of America. (See De la Cierva, Juan, assignor.)
- Autogiro Company of America. (See Larsen, Agnew E., assignor.)
- Autogiro Company of America. (See Morse, Roy W., assignor.)
- Autogiro Company of America. (See Pecker, Joseph S., assignor.)
- Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
- Autogiro Company of America. (See Pitcairn, H. F., and Larsen, assignors.)
- Autogiro Company of America. (See Rawson, Arthur H. C. A., assignor.)
- Autogiro Company of America. (See Stanley, Paul H., assignor.)
- Autogiro Company of America. (See Weir, James G., assignor.)
- Autographic Register Company. (See Borchers, William G., assignor.)
- Autographic Register Company. (See Carroll, Hezekiah W., assignor.)
- Automat Molding & Folding Company, The. (See Morris, Howard A., assignor.)
- Automatic Awning Mfg. Co., The. (See Foerster, George H., assignor.)
- Automatic Bread Baking Company Limited, et al. (See Muller, Wilhelm, assignor.)
- Automatic Burner Corporation. (See Hirsch, Jacob H., assignor.)
- Automatic Burner Corporation. (See Perry, Stanley, assignor.)
- Automatic Burner Corporation. (See Schroeder, O. C., and Perry, assignors.)
- Automatic Devices, Inc. (See Burkholder, John D., assignor.)
- Automatic Door & Equipment Company. (See Porter, Henry H., Jr., assignor.)
- Automatic Electric Company Limited. (See Roseby, Philip N., assignor.)
- Automatic Electric Company, Limited. (See Saxby, Robert N., assignor.)
- Automatic Fire Alarm Company, et al. (See Scharff, Joseph H., assignor.)
- Automatic Food Machinery Corporation. (See Hall, Charles G., assignor.)
- Automatic Gas-Steam Radiator Company. (See Blackmore, George W., assignor.)
- Automatic Lighter Corporation. (See Girtanner, Alexander, assignor.)
- Automatic Lighting Company. (See Vincent, Sidney C., assignor.)
- Automatic Linker, Inc. (See Flynt, Louis W. G., assignor.)
- Automatic Musical Company. (See Green, Clifford H., assignor.)
- Automatic Musical Instrument Company. (See Green, Clifford H., assignor.)
- Automatic Musical Instrument Company. (See Yelder, Harry A., assignor.)
- Automatic Parking Systems, Inc. (See Becker, Alfonse N., assignor.)

- Automatic Phonograph Corporation. (See Miller, W. E. and Sheubrooks, assignors.)
- Automatic Recording Safe Company. (See Grunwald, Albert C., assignor.)
- Automatic Safe-Start Company. (See Knapp, Arthur S., assignor.)
- Automatic Safety Signal Gate Company. (See Meyer, H. M., and Scheidler, assignors.)
- "Automatic" Sprinkler Company of America. (See Hamilton, John R., assignor.)
- Automatic Sprinkler Company of America. (See Lowe, Ernest A., assignor.)
- "Automatic" Sprinkler Company of America. (See Rider, Harry N., assignor.)
- Automatic Switch Company. (See Hurlburt, Wilbur F., assignor.)
- Automatic Switch Co. (See Hurlburt, W. F., and Vogel, assignors.)
- Automatic Transportation Company. (See Gfroerer, Albert H., assignor.)
- Automatic Truck Loader Corporation. (See Goodman, Joseph, assignor.)
- Automatic Water Softener Company. (See Dotterweich, Andrew J., assignor.)
- Automobilewerke H. Bussing, Aktiengesellschaft. (See Staniewicz, Willy, assignor.)
- Auto-Mold, Inc. (See Burke, James P., assignor.)
- Automotive Engineering Corporation. (See Fageol, Rollie B., assignor.)
- Automotive Engineering Corporation. (See Marcum, Arthur I., assignor.)
- Automotive Engineering Corporation. (See Rayburn, Alden G., assignor.)
- Automotive Fan & Bearing Company. (See Gardner, Archibald D., assignor.)
- Automotive Fan & Bearing Co. (See Hollerith, Charles, assignor.)
- Automotive Maintenance Machinery Co. (See Wacker, F. G., and Zimmerman, assignors.)
- Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
- Automotive Patents Corporation. (See Tower, Elmer V. J., assignor.)
- Automotive Research Corporation. (See Ahlm, Charles E. F., assignor.)
- Automotive Research Corporation. (See Thompson, Fred C., assignor.)
- Autophotographic Machine Company, Incorporated, The. (See Klimis, A., and Feola, assignors.)
- Autopoint Company. (See Deli, Frank C., assignor.)
- Autopoint Company. (See Deli, F. C., and Groseclose, assignors.)
- Autopoint Company. (See Deli, F. C., Groseclose, and Foth, assignors.)
- Autopoint Company. (See Deli, F. C., and Woods, assignors.)
- Auto-Product G. m. b. H. (See Piotrowski, Johannes, assignor.)
- Auto Radiator Manufacturing Co. (See Kirsch, Benjamin, assignor.)
- Auto Research Corporation. (See Bijur, Joseph, assignor.)
- Auto Research Corporation. (See Kocher, Edward H., assignor.)
- Auto Safety Brake, Inc. (See Hirschman, Arthur, assignor.)
- Auto-Shift Corporation. (See Pitman, Richard W., assignor.)
- Auto Sickle Company. (See Newton, Herbert B. and T. C., assignors.)
- Auto Specialties Manufacturing Company. (See Bullis, Fred J., assignor.)
- Auto Specialties Manufacturing Co. (See Lucker, Millard B., assignor.)
- Auto Specialties Manufacturing Company. (See Shire, Forrest L., assignor.)
- Auto Sun Products Company, The. (See Jagy, John P., assignor.)
- Autovye Company, The. (See Mosgrove, Charles A., assignor.)
- Avato, John, Englewood, N. J. Combined projector and signaling lamp. 1,926,992; Sept. 12.
- Averhoff y Terry, Francisco, Habana, Cuba. Locking mechanism for freight box cars. 1,914,232; June 13.
- Averill, Georgene, New York, N. Y. Breathing doll. 1,937,397; Nov. 28.
- Averill, William D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,940,112; Dec. 19.
- Averill, William H., assignor to one-half to Joseph Polak, Boston, Mass. Clasp for collars, etc. 1,900,686; Mar. 7.
- Averrett, Andrew E., Schenectady, N. Y., assignor to General Electric Company. Submergible apparatus. 1,941,335; Dec. 26.
- Avery, Alfred H., Malden, assignor to North American Chemical Company, Cambridge, Mass. Shoe-filling machine. 1,900,322; Mar. 7.
- Avery, Alfred H., Malden, assignor to North American Chemical Company, Cambridge, Mass. Shoe-filling machine. 1,900,323; Mar. 7.
- Avery, B. F., & Sons. (See Ray, Charles T., assignor.)
- Avery, Charles E. (See Hubbell, H., Jr., and Avery.)
- Avery, Charles E., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Electric switch. 1,928,638; Oct. 3.
- Avery, Clinton D., and H. C. Berry, Minneapolis, Minn. Automatic toaster. 1,939,247; Dec. 12.
- Avery, Edward S., East Hampton, N. Y. Cushioning device. 1,901,945; Mar. 21.
- Avery, Harold T., San Luis Obispo, Calif. Locking and clearing mechanism for calculating machines. 1,910,738; May 23.
- Avery, Henry A., Groton, assignor to L. C. Smith & Corona Typewriters Inc., New York, N. Y. Line spacing mechanism. 1,930,918; Oct. 17.
- Avery, Henry C., New Brunswick, and L. Kirschbraun, Leonia, N. J., assignors, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Roofing and building material. 1,902,298; Mar. 21.
- Avery, Henry W., Cleveland, Ohio. Fitting for threaded members. 1,893,927; Jan. 10.
- Avery, John M., Flushing, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Method and apparatus for amplifying radiofrequency currents. 1,894,578; Jan. 17.
- Avery Power Machinery Co. (See Mentor, E. W., and Scranton, assignors.)
- Avery Power Machinery Co. (See Reynolds, J. N., and Scranton, assignors.)
- Avery Power Machinery Co. (See Scranton, Charles J., Jr., assignors.)
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Moisture-proof covered bag. 1,903,666; Apr. 11.
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Transparent covered tray. 1,903,734; Apr. 11.
- Avery, True M., Glens Falls, N. Y., and W. M. Seitzinger, Chicago, Ill., assignors to Union Bag and Paper Corporation, Hudson Falls, N. Y. Printing attachment for bag making machines. 1,904,709; Apr. 18.
- Avery, W. & T., Limited. (See Leeson, Archibald, assignor.)
- Avery, W. & T., Limited. (See Sykes, Cameron M., assignor.)
- Avery, W. & T., Limited. (See Timson, William, assignor.)
- Avery, William L., Silvertown, assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Control for fluid pressure operated aircraft wheel brakes. 1,906,242; May 2.
- Avery, William L., assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, London, England. Pressure producing means. 1,938,311; Dec. 5.
- Avey Drilling Machine Company, The. (See Friedl, Joseph, assignor.)
- Aviation Corporation. (See Allen, Joseph W., assignor.)
- Aviation Patent and Research Corporation, The. (See De Bell, George W., assignor.)
- Aviation Patent and Research Corporation, The. (See Johnson, Corydon M., assignor.)
- Aviation Patent and Research Corporation. (See Miller, Roy G., assignor.)
- Avila, Charles F. (See Elmer, W. B., and Avila.)
- Avila, Joseph T., Providence, R. I. Automobile commode. 1,905,881; Apr. 25.
- Avilla, Anthony B., and J. B. Avilla, Woodland, Calif. Hay rake. 1,923,606; Aug. 22.
- Avilla, Joseph B. (See Avilla, Anthony and J. B.)
- Avilla, Philip, Daly City, assignor of two-fifths to T. E. Himle, Burlingame, Calif. Pulley bearing. 1,908,621; May 9.
- Avis, Braxton D., Washington, D. C. Process and product for preventing rust and corrosion. 1,940,041; Dec. 19.
- Awalt, Pickens P., San Francisco, Calif. Game. 1,939,759; Dec. 19.
- Awamy, Michael, New York, N. Y. Removable crotch tab for undergarments. 1,927,198; Sept. 19.
- Awbrey, Ethel. (See Awbrey, Samuel C., assignor.)
- Awbrey, Samuel C., assignor to E. Awbrey, Kansas City, Mo. Combined form spreader and tie. 1,913,326; June 6.
- Awbrey, Samuel C., assignor to Floor Accessories Company Incorporated, Kansas City, Mo. Concrete insert. 1,929,835; Oct. 10.
- Awbrey, Samuel C., assignor to Floor Accessories Company, Inc., Kansas City, Mo. Construction tie. 1,934,760; Nov. 14.
- Awbrey, Samuel C., assignor to The Floor Accessories Company, Inc., Kansas City, Mo. Concrete insert. 1,935,536; Nov. 7.
- Awbrey, Samuel C., assignor to Floor Accessories Company, Inc., Kansas City, Mo. Wall-tie. 1,936,223; Nov. 21.
- Awbrey, Samuel C., assignor to Floor Accessories Company, Inc., Kansas City, Mo. Edging. 1,936,224; Nov. 21.
- Aves, George S., Minneapolis, Minn. Folding luggage carrier. 1,915,114; June 20.
- Axe, Roy T. (See Holt, T. W., and Axe.)
- Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window-sash and weather-strip construction. 1,895,064; Jan. 24.
- Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window sash and guide means. 1,895,305; Jan. 24.
- Axe, Roy T., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Window sash holder and window construction. 1,904,602; Apr. 18.

- Axe, Roy T., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Sheet metal sash construction. 1,916,913; July 4.
- Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window and sash construction 1,922,009; Aug. 8.
- Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction (widthwise adjustable sash guide). 1,922,010; Aug. 8.
- Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Spring pressed window stop construction. 1,922,011; Aug. 8.
- Axe, Roy T., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Window frame and sash construction. 1,927,781; Sept. 19.
- Axe, Roy T., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Window construction (widthwise adjustable sash). 1,927,782; Sept. 19.
- Axelrod, Meyer L., assignor of fifty percent to H. Fraiberg, Cleveland, Ohio. Anesthetic. 1,928,346; Sept. 26.
- Axlund, Andrew E., Vallejo, assignor to Jones Bros. Asbestos Co., San Francisco, Calif. Pipe support. 1,911,485; May 30.
- Ayad, Ibrahim B., Paris, France. Aerial safety device. 1,923,963; Aug. 22.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Cut-off for can filling machines. 1,914,356; June 20.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can positioning mechanism for liquid dispensing. 1,919,155; July 18.
- Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Canning machine. 1,922,148; Aug. 15.
- Ayars Machine Company. (See Ayars, Charles H., assignor.)
- Aydt, Laurence L., Dahlgren, Ill. Motor vehicle transmission. 1,906,896; May 2.
- Ayer, Frank, A. Crowfoot, H. T. Hérliv and P. M. Sorensen, assignors to Phelps Dodge Corporation, Morenci, Ariz. Treating ores. 1,916,196; July 4.
- Ayer, Harold N., and J. M. Downing, Cincinnati, Ohio. Grease dispensing device. 1,938,130; Dec. 5.
- Ayer, John P. (See Ayer, Josiah M., and J. P.)
- Ayer, Josiah M., and J. P. Ayer, Portland, Maine. Humidifier. 1,925,973; Sept. 5.
- Ayer, Robert W., assignor to Stinson Aircraft Corporation, Wayne, Mich. Transport aeroplane. Des. 90,796; Oct. 3.
- Ayer, Robert W., Wayne, Mich., assignor to Manning & Co., Chicago, Ill. Airplane. Des. 91,184; Dec. 19.
- Ayer, Robert W., Wayne, Mich., assignor to Manning & Co., Chicago, Ill. Retractable landing gear. 1,940,836; Dec. 26.
- Ayer, Robert W., and C. R. Irvine, Wayne, Mich., assignors to Manning & Co., Chicago, Ill. Retractable landing gear. 1,925,080; Sept. 5.
- Ayer, William T., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 1,912,423; June 6.
- Ayers, Augustine R., Cleveland, Ohio, assignor to The Okadee Company, Chicago, Ill. Locomotive cylinder cock. 1,935,285; Nov. 14.
- Ayers, Cecil L., et al. (See Clark, Carl W., assignor.)
- Ayers, Fred L., Portland, Maine. Shoe and making the same. 1,920,338; Aug. 1.
- Ayers Limited. (See Newton, Thomas, assignor.)
- Ayers, Raymond W., Roseburg, Oreg. Belt buckle. 1,920,834; Aug. 1.
- Ayling, Frederick C., Syracuse, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and shank piece and making shoes. 1,913,424; June 13.
- Aylsworth, George A., assignor to Cold Control Corporation, Kansas City, Mo. Ventilating means for refrigerators. 1,900,855; Mar. 7.
- Aylsworth, George A., assignor to Cold Control Corporation, Kansas City, Mo. Refrigerator construction. 1,900,856; Mar. 7.
- Aylward, Edmund J., Neenah, Wis. Mud jack sleeve for highways and the like. 1,933,469; Oct. 31.
- Ayres, Eugene R., jr., Swarthmore, assignor, by mesne assignments, to Tidality Philadelphia Trust Company, trustee, Philadelphia, Pa. Distillation. 1,926,189; Sept. 12.
- Ayres, L. S., & Company. (See Staufenbeil, Karl R., assignor.)
- Ayres, Robert O., F. A. Kroll, and E. A. Johnson; said Johnson assignor to J. H. McEvoy and Company, Houston, Tex. Return bend. 1,916,598; July 4.
- Ayres, Russell W., Schenectady, N. Y., assignor to General Electric Company. Condenser for refrigerating machines. 1,913,186; June 6.
- Azwil, Charles E., Evansville, Ind. Clothes drying apparatus. 1,933,303; Oct. 31.
- B & B Manufacturing Co. (See Bartlett, Ernest E., assignor.)
- B & B Manufacturing Company. (See Bradshaw, Albert C., assignor.)
- B. & B. Shoe Company. (See Golden, Louis J., assignor.)
- B. & G. Coin Selectors, Incorporated. (See Gottfried, John, assignor.)
- B. G. Corporation, The. (See Paulson, George M., assignor.)
- B. H. R. W. Development Company, The. (See Walsh, Thomas P., assignor.)
- B J Aircraft Corporation. (See Kaplan, Michael J., assignor.)
- B-L Electric Manufacturing Company, The. (See Ham-buechen, Carl, assignor.)
- B R E Manufacturing Co. (See Leslie, Howard C., assignor.)
- B. V. D. Company, The. (See Erlanger, Milton S., assignor.)
- B. V. D. Company, The. (See Just, Lili, assignor.)
- Baader, Rudolf, Lubeck, Germany. Fish dressing machine. 1,920,339; Aug. 1.
- Baar, Morris, New Orleans, La. Extension shoulder pad for unlined coats. 1,936,493; Nov. 21.
- Baars, Ernst S. H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Refrigerating apparatus. 1,916,197; July 4.
- Baars, Ernst S. H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Refrigerating system. 1,932,007; Oct. 24.
- Baas, Philip B. R., assignor to Brooklyn Borough Gas Company, Brooklyn, N. Y. Meter testing device. 1,934,291; Nov. 7.
- Baash, Lawrence F., Los Angeles, Calif. Tool joint. 1,918,443; July 18.
- Baash, Lawrence F., Los Angeles, and W. H. Maxwell, Beverly Hills, Calif. Tongs. 1,900,378; Mar. 7.
- Baash, Lawrence F., and E. Burns, Los Angeles, and G. B. Garrard, Long Beach, Calif. Packing assembly. 1,905,122; Apr. 25.
- Baash, Lawrence F., E. Burns, Los Angeles, and G. B. Garrard, Long Beach, Calif. Packer for casing heads. 1,918,442; July 18.
- Baash, Lawrence F., Los Angeles, and W. H. Maxwell, Beverly Hills, Calif. Tongs. 1,924,389; Aug. 29.
- Baash-Ross Tool Company. (See Tunison, Arthur C., assignor.)
- Baash-Ross Tool Company. (See Wickersham, H. P., and Burns, assignors.)
- Babasin, Yervant H., Vernon, Tex. Pressure spray attachment for toothbrushes. 1,899,301; Feb. 28.
- Babb, Elmer, New York, and A. W. Zaborowski, Jamaica, N. Y. Ink or other fluid container. Des. 88,850; Jan. 3.
- Babbitt, Bethel J., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,904,847; Apr. 18.
- Babbs, Alfred J., Longsight, Manchester, England. Splash guard for motor vehicles. 1,905,674; Apr. 25.
- Babcock, Earl, Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 1,897,997; Feb. 21.
- Babcock, Earl, Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Ice cube tray for refrigerators. 1,933,614; Nov. 7.
- Babcock, Earl, Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 1,934,690; Nov. 14.
- Babcock, Earl, Evanston, Ill., assignor to The Hoover Company, North Canton, Ohio. Ice cube tray for refrigerators. 1,933,615; Nov. 7.
- Babcock, George H., Chicago, Ill. Spring winder. 1,921,600; Aug. 8.
- Babcock, Guilford C., Morris Township, Morris County, N. J., assignor to Stapling Machines Co. Box and crate. 1,940,285; Dec. 19.
- Babcock, Guilford C., Morris Township, Morris County, N. J., assignor to Stapling Machines Co. Box and crate. 1,940,286; Dec. 19.
- Babcock, Guilford C., Morris Township, Morris County, N. J., assignor to Stapling Machines Co. Box and crate. 1,940,287; Dec. 19.
- Babcock, Guilford C., Morris Township, Morris County, N. J., assignor to Stapling Machines Co. Fiberboard box. 1,940,288; Dec. 19.
- Babcock Printing Press Manufacturing Company, The. (See English, F. S., and Dodds, assignors.)
- Babcock, Walter F., Detroit, Mich., assignor to The Foot-Burt Company, Cleveland, Ohio. Metal cutting machine and control system therefor. 1,904,975; Apr. 18.
- Babcock & Wilcox Company, The. (See Behr, Robert K., assignor.)
- Babcock & Wilcox Company, The. (See Black, John E., assignor.)
- Babcock & Wilcox Company, The. (See Cassidy, Perry R., assignor.)
- Babcock & Wilcox Co. (See Cross, Walter M., assignor.)
- Babcock & Wilcox Company, The. (See Davy, Christopher H., assignor.)
- Babcock & Wilcox Company, The. (See Harter, Isaac, assignor.)
- Babcock & Wilcox Company. (See Hubbard, N., and Gerend, assignors.)
- Babcock & Wilcox Company, The. (See Hulsart, Charles A., assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, David S., assignor.)
- Babcock & Wilcox Company, The. (See Jacobus, D. S., and Black, assignors.)
- Babcock & Wilcox Company, The. (See Jacobus, D. S., and Jones, assignors.)
- Babcock & Wilcox Company, The. (See Jones, William A., assignor.)
- Babcock & Wilcox Company, The. (See Jones, W. A., and Prentice, assignors.)
- Babcock & Wilcox Company, The. (See Kennal, James, assignor.)
- Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)

- Babeck & Wilcox Company, The. (See Kerr, H. J., and Black, assignors.)
- Babeck & Wilcox Company, The. (See Kerr, H. J., and Ebbets, assignors.)
- Babeck & Wilcox Company, The. (See Kerr, H. J., and Jones, assignors.)
- Babeck & Wilcox Company, The. (See Kerr, H. J., and Melton, assignors.)
- Babeck & Wilcox Company, The. (See Kerr, H. J., and Savoye, assignors.)
- Babeck & Wilcox Company, The. (See Lucke, Charles E., assignor.)
- Babeck & Wilcox Company, The. (See Lucke, C. E., and Cassidy, assignors.)
- Babeck & Wilcox Company, The. (See Maxwell, C. A., assignor.)
- Babeck & Wilcox Company, The. (See Miller, Benjamin H., assignor.)
- Babeck & Wilcox Company, The. (See Prentice, John, assignor.)
- Babeck & Wilcox Company, The. (See Rinne, John, assignor.)
- Babeck & Wilcox Company, The. (See Rummel, Jonn K., assignor.)
- Babeck & Wilcox Company, The. (See Strothoff, Hermann, assignor.)
- Babeck & Wilcox Company, The. (See Trainer, James E., assignor.)
- Babeck & Wilcox Company, The. (See Trainer, J. E., and Langvand, assignors.)
- Babeck & Wilcox Limited. (See Weeks, E. G., and Riley, assignors.)
- Babeck & Wilcox Tube Company, The. (See Inslee, Heber C., assignor.)
- Babel, Raymond A., Clichy, France, assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,924,590; Aug. 29.
- Babel, Raymond A., and L. Jaquet, Clichy, France, assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake with expanding members. 1,907,472; May 9.
- Baber Company. (See Baber, John L., Jr., assignor.)
- Baber, John L., Jr., Newark, N. J., assignor to Baber Company, Boston, Mass. Article-controlled article-handling machine. 1,908,944; May 16.
- Babinet, Marie L. A., Boulogne-sur-Seine, France, assignor, by mesne assignments, to The Nitricastiron Corporation. Surface hardened cast iron article of manufacture. 1,924,344; Aug. 29.
- Babitch, Abraham M., Flint, Mich. Variable stroke fuel pump. 1,893,215; Jan. 3.
- Babitch, Abraham M., Flint, Mich. Linkage for fuel pumps. 1,893,216; Jan. 3.
- Babitch, Abraham M., Flint, Mich. Fuel pump with lost motion lever. 1,893,217; Jan. 3.
- Babitch, Abraham M., Flint, Mich. Airdome type pulsator for fuel pumps. 1,897,292; Feb. 14.
- Babitch, Abraham M., Flint, Mich. Fuel pump. 1,919,496; July 25.
- Babitch, Abraham M., and G. W. Harry, Flint, Mich. Fuel pump of reversed type. 1,893,218; Jan. 3.
- Babitch, Abraham M., and M. G. Hanson, Flint, Mich. Fuel pump operating means. 1,905,207; Apr. 25.
- Babitt, Joseph F., Wellington, Ohio. Safety device for ladders. 1,909,565; May 16.
- Babitzky, Samuel, Chicago, Ill. Bird cage. 1,926,664; Sept. 12.
- Bäbler, Justus, assignor to Allgemeine Elektricitäts-Gesellschaft, Berlin, Germany. Amplifying arrangement with tubes connected in counter cadence. 1,892,924; Jan. 3.
- Babson, Henry B., assignor to Babson Manufacturing Corporation, Chicago, Ill. Partition for cow stalls. 1,910,666; May 23.
- Babson Manufacturing Corporation. (See Babson, Henry B., assignor.)
- Babson, Roger W. (See Nichols, Elmer L., assignor.)
- Babson, Roger W., Wellesley, Mass. Electric circuit connector. 1,915,279; June 27.
- Babson, Roger W., Wellesley, Mass. Automobile parking meter with theft alarm. 1,924,533; Aug. 29.
- Baby Saver Company. (See Magusin, Frank, assignor.)
- Baccellieri Bros. Mfg. Company, et al. (See Baccellieri, Raffaele, assignor.)
- Baccellieri, Peter, et al. (See Baccellieri, Raffaele, assignor.)
- Baccellieri, Raffaele, assignor to R. and P. Baccellieri, partners trading as Baccellieri Bros. Mfg. Company, Philadelphia, Pa. Disintegrating machine. 1,931,857; Oct. 24.
- Bace, Jess W., Taft, Calif. Propeller pitch regulator. 1,919,875; July 25.
- Bach, Anton M., Palo Alto, Calif. Pipe grate and actuating tool. 1,934,340; Nov. 7.
- Bach, Edward J., East Orange, N. J., assignor of one-half to Mont D. Rogers, Pelham Manor, N. Y. Coring machine. 1,923,069; Aug. 22.
- Bach, Robert S., Ventura, Calif. Combination insulator and multiple connector. 1,934,581; Nov. 7.
- Bach, Roland S., Cincinnati, Ohio. Support for flower pots. Des. 90,066; Nov. 7.
- Bacharach, Eric W., Kansas City, Mo. Dry material feeding machine. 1,906,830; May 2.
- Bacharach, George, New York, and E. McCauliff, jr., Yonkers, assignors of thirty per cent to Radio Patents Corporation, New York, N. Y. Manufacture of benzanthrone. 1,893,575; Jan. 10.
- Bacharach Industrial Instrument Company. (See Reinhardt, G. A., and Burich, assignors.)
- Bacharach Industrial Instrument Company. (See Stein, Joseph A., assignor.)
- Bacharach Industrial Instrument Company. (See Vayda, Louis L., assignor.)
- Bachardy, Stephen J., Allentown, Pa., assignor to Kwik-way Money Changer Corporation of Delaware. Money delivering machine. 1,916,246; July 4.
- Bachelor, William H., and A. Brummer, Wood River, assignors to Standard Oil Company, Chicago, Ill. Hose coupler. 1,911,486; May 30.
- Bacheller, Raymond G., assignor to Hartford-Empire Company, Hartford, Conn. Conveying mechanism for glassware and the like. 1,896,657; Feb. 7.
- Bacher, Charles, New York, N. Y. Boiler cleaning apparatus. 1,926,930; Sept. 12.
- Bacher, Rollin L., Lakewood, assignor to The United States Air Compressor Company, Cleveland, Ohio. Power pump. 1,924,829; Aug. 29.
- Bacher, Rollin L., Lakewood, assignor to The United States Air Compressor Company, Cleveland, Ohio. Chocking device for vehicle lifts. 1,938,446; Dec. 5.
- Bacher, Rollin L., Lakewood, and P. I. Schultz, assignors to The United States Air Compressor Company, Cleveland, Ohio. Grease gun. 1,903,750; Apr. 18.
- Bachhuber, Philip. (See Dorst, J., and Bachhuber.)
- Bachle, Carl F., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,919,497; July 25.
- Bächle, Otto. (See Meisenburg, K., Bock, and Bächle.)
- Bachman, Carl O., Franklin, assignor to The Mead Research Engineering Company, Dayton, Ohio. Apparatus for grinding wood. 1,917,420; July 11.
- Bachman, Paul W. (See Welgel, R., and Bachman.)
- Bachmann, Alwin B., Brooklyn, and W. Krause, Bronx, N. Y., assignors to Pratt & Whitney Company, Hartford, Conn. Flexible shaft bench grinder. 1,918,952; July 18.
- Bachrach, Arthur N., New York, N. Y. Scarf. 1,936,045; Nov. 21.
- Bachrach, Joseph. (See Nilsson, O. F., and Bachrach.)
- Bachtel, Samuel R. (See Guibert, O. E., and Bachtel.)
- Bacinich, Anton, Brooklyn, N. Y. Rescue tower. 1,916,294; July 4.
- Bachrach, Walter K., et al. (See Gilchrist, William L., assignor.)
- Back, Robert, assignor to The Wahl Company, Chicago, Ill. Writing implement. 1,916,199; July 4.
- Back, Robert, and G. A. Cooper, Chicago, Ill., assignors, by mesne assignments, to Pen Desk Set Company. Desk pen holder. 1,902,208; Mar. 21.
- Backer, Max. (See Klein, Jakob, assignor.)
- Backes, Ludwig J., Lyons, Ill. Folding door. 1,893,263; Jan. 3.
- Backes, Peter. (See Hentrich, W., Hardtmann, and Backes.)
- Backes, Peter. (See Hentrich, W., Hardtmann, Backes, and Stötter.)
- Backman, Charles A., Providence, R. I. Hair waving pad. 1,893,352; Jan. 3.
- Backstatter, Joseph, and F. Rowan, Winfield, Long Island, N. Y. Oil level indicator. 1,939,094; Dec. 12.
- Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating system. 1,924,770; Aug. 29.
- Bäckström, Sven, Helsingfors, Finland. Buffer. 1,895,532; Jan. 31.
- Backus, Oscar E., Milwaukee, Wis. Nozzle. 1,903,354; Apr. 4.
- Bacolini, August, Brooklyn, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. 88,851; Jan. 3.
- Bacon, Charles F., Brattleboro, Vt., assignors to Millers Falls Company, Millers Falls, Mass. Hydraulic jack. 1,904,115; Apr. 18.
- Bacon, Charles J., Waynesboro, Va., assignor to Du Pont Rayon Company, New York, N. Y. Tinting thread. 1,923,136; Aug. 22.
- Bacon, Edward R., San Francisco, assignor to American Tractor Equipment Co., Oakland, Calif. Bulldozer. 1,923,412; Aug. 22.
- Bacon, Elbridge F., assignor to A C Spark Plug Company, Flint, Mich. Float gauge. 1,930,546; Oct. 17.
- Bacon, Elbridge F., and C. B. Dinsmore, assignors to A C Spark Plug Company, Flint, Mich. Hydrostatic fuel gauge. 1,916,188; July 4.
- Bacon, George M., assignor, by mesne assignments, to Continental-Divco Company, Detroit, Mich. Motor delivery vehicle. 1,911,872; May 30.
- Bacon, George M., assignor, by mesne assignments, to Continental-Divco Company, Detroit, Mich. Milk delivery motor vehicle. 1,925,893; Sept. 5.
- Bacon, Joseph B., Macomb, Ill. Speculum. 1,894,725; Jan. 17.
- Bacon, Joseph B., Macomb, Ill. Artery forceps. 1,918,889; July 18.
- Bacon, Joseph B., Macomb, Ill. Surgical device. 1,918,890; July 18.

- Bacon, Raymond F., Bronxville, N. Y. Production of sulphur from sulphides. 1,897,921; Feb. 14.
- Bacon, Raymond F., Bronxville, N. Y. Recovery of sulphur from roaster gases. 1,934,474; Nov. 7.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,904,603; Apr. 18.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss, assignor to said Bacon. Treatment of iron sulphide-bearing material. 1,917,222; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Treatment of iron sulphide-bearing material. 1,917,223; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,224; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur. 1,917,225; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,226; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,227; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Treatment of iron sulphide-bearing material. 1,917,228; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Treatment of iron sulphide-bearing materials. 1,917,229; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur. 1,917,230; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Treatment of iron sulphide-bearing material. 1,917,231; July 11.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss assignor to said Bacon. Recovery of sulphur. 1,917,232; July 11.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss assignor to said Bacon. Treatment of iron sulphide-bearing material. 1,917,233; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,234; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,235; July 11.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss assignor to said Bacon. Production of ferric oxide and the recovery of sulphur. 1,917,684; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,685; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,917,686; July 11.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss assignor to said Bacon. Recovery of sulphur. 1,917,687; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur. 1,917,787; July 11.
- Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur. 1,917,788; July 11.
- Bacon, Raymond F., Bronxville, and H. T. Hotchkiss, Jr., New Rochelle, N. Y.; said Hotchkiss assignor to said Bacon. Recovery of sulphur and iron oxide. 1,917,789; July 11.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,928,406; Sept. 26.
- Bacon, Raymond F., Bronxville, and I. Bencowitz, New York, N. Y.; said Bencowitz assignor to said Bacon. Recovery of sulphur. 1,939,033; Dec. 12.
- Bacon, Robert H., Oakland, Calif. Check valve for rubber balls. 1,905,361; Apr. 25.
- Bacot, George H., assignor to The Arundel Corporation, Baltimore, Md. Pile puller clamp. 1,912,244; May 30.
- Bacqueyrisse, Louis, Paris, France. Electric traction system employing compound motors. 1,905,428; Apr. 25.
- Baddiley, James, Manchester, and J. Hill, Glastonbury, assignors to Imperial Chemical Industries Limited, Westminster, England. Secondary disazo dyestuffs. 1,901,278; Mar. 14.
- Bade-Cummins Mfg. Company, The. (See Schumann, Walter A., assignor.)
- Baden, Edward T., assignor to The National Marking Machine Company, Cincinnati, Ohio. Conveyor unloading device. 1,914,708; June 20.
- Baden, Martin W., Winfield, Kans. Evaporating means. 1,930,869; Oct. 17.
- Baden, Martin W., Winfield, Kans. Photo-electric analyzer apparatus. 1,938,004; Dec. 5.
- Baden, William, Stockton, Calif. Valve cooling device. 1,904,669; Apr. 18.
- Badenhausen Corporation. (See Badenhausen, Phillips, assignor.)
- Badenhausen Corporation. (See Kuhner, Max H., assignor.)
- Badenhausen, Phillips, Philadelphia, assignor to Badenhausen Corporation, Cornwells Heights, Pa. Water-cooled furnace. 1,939,535; Dec. 12.
- Bader, Kaspar, Berlin-Grünwald, Germany. Device for feeding the casting pots of linotype and similar machines working with soft metals. 1,903,751; Apr. 18.
- Bader, Kaspar, Berlin-Grünwald, Germany. Electric immersion heater for high temperatures. 1,918,314; July 18.
- Bader, Walter. (See Dreyfus, H., and Bader.)
- Bader, Walter, Spondon, near Derby, England, assignor to Celanese Corporation of America. Saponification of esters of organic acids. 1,894,479; Jan. 17.
- Bader, Walter, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of aliphatic compounds. 1,933,696; Nov. 7.
- Bader, Walter, and E. E. Stimson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of gases containing carbon dioxide and hydrogen. 1,913,364; June 13.
- Badertscher, Amos E., assignor to McCormick & Company, Inc., Baltimore, Md. Horticultural spray. 1,938,652; Dec. 12.
- Badertscher, Amos E., assignor to McCormick & Company, Inc., Baltimore, Md. Preparing horticultural dust. 1,940,899; Dec. 26.
- Badertscher Vakuumbremse A. G. (See Delay, Eugène, assignor.)
- Badger, Arthur C., Newton, Mass. Expansion joint. 1,929,401; Oct. 10.
- Badger, Charles. (See Cook, C. C., and Badger.)
- Badger, Frederick, London, England. Treatment of metals and chiefly of magnesium and its alloys. 1,935,284; Nov. 14.
- Badger, Pat, Drumright, Okla. Ice tongs. 1,927,731; Sept. 19.
- Badger, Thomas N., Berkeley, Calif. Dustpan. Des. 91,098; Nov. 28.
- Badgett, Billie B., administratrix. (See Badgett, Fred L.)
- Badgett, Fred L., deceased, Chickasha, Okla.; Billie B. Badgett, administratrix. Steam lubricator. 1,918,285; July 18.
- Badgett, Fred L., assignor to Badgett Steam Lubricator Company, Chickasha, Okla. Safety device for boilers. 1,926,254; Sept. 12.
- Badgett, James L., Boling, assignor of one-fourth to W. C. McMasters and one-fourth to J. E. Pomeroy, Pasadena, Tex. Sand tester. 1,905,208; Apr. 25.
- Badgett Steam Lubricator Company. (See Badgett, Fred L., assignor.)
- Badgley, Laurie C., assignor of one-half to R. C. Chattin, Boise, Idaho. Windrowing machine. 1,901,889; Mar. 21.
- Badgley, Lawrence J., Cripple Creek, Colo. Detachable handle for towels. 1,914,796; June 20.
- Badische Maschinenfabrik & Eisengiesserei vormals G. Sebold und Sebold & Neff. (See Schmid, Ernst, assignor.)
- Badma, Alex, Buffalo, N. Y. Radio receiving system. 1,903,420; Apr. 11.
- Badum, Ernst, Ehrenfeld, near Bensberg, assignor to Felten & Guillaume Carlswerk Aktiengesellschaft, Cologne, Mulheim, Germany. Deep-sea submarine cable. 1,939,484; Dec. 12.
- Baehr, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of gases. 1,900,751; Mar. 7.
- Baehr, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing ammonium sulphate. 1,904,604; Apr. 18.
- Baehr, Michael J. (See Kalmar, Stephen, assignor.)
- Baer, Alfred, Charlottenburg, Berlin, Germany. Cooling means for rotary valves. 1,893,855; Jan. 10.
- Baer, Alvin H., assignor to The Carbondale Machine Co., Carbondale, Pa. Ice-making apparatus. 1,941,198; Dec. 26.
- Baer, Alvin H., assignor to Frick Company, Waynesboro, Pa. Heat exchanger. 1,937,802; Dec. 5.
- Baer, Edward G., assignor to The Will-Burt Company, Orrville, Ohio. Coal feed screws. 1,922,023; Aug. 15.
- Baer, Edward G., assignor to The Will-Burt Company, Orrville, Ohio. Clutch for stokers. 1,933,157; Oct. 31.
- Baer, Emanuel H., Associated, Calif. Inspection periscope. 1,907,314; May 2.
- Baer, Jean, Basel, Switzerland. Manufacture of resinous plastic bodies. 1,907,330; May 2.
- Baer, Jean, Uster, Switzerland. Manufacture of wax like bodies. 1,912,962; June 6.
- Baer, Jean, Uster, Switzerland. Manufacture of caoutchouc-like bodies. 1,922,923; Aug. 15.
- Baer, Lawrence E., assignor to Baer & Wilde Company, Attleboro, Mass. Shirt holder. 1,909,085; May 16.
- Baer, Max, New York, N. Y. Ink product and making the same. 1,918,829; July 18.
- Baer & Wilde Company. (See Baer, Lawrence E., assignor.)

- Baer & Wilde Co., The. (See Bagnall, Joseph C., assignor.)
- Baernstein, Malvin A. (See Fisher, E. E., and Baernstein.)
- Baetz, Walter, New York, N. Y., assignor to Man-O-Lamp Corporation. Picture frame. Des. 89,674; Apr. 25.
- Baetz, Walter, New York, N. Y., assignor to Man-O-Lamp Corporation. Picture frame. Des. 89,675; Apr. 25.
- Baetz, Walter, New York, N. Y., assignor to Man-O-Lamp Corporation. Picture frame. Des. 89,676; Apr. 25.
- Baeuerle, Oscar H., Philadelphia, Pa. Design and making it. 1,914,096; June 13.
- Bagby, Ralph B., Evanston, Ill. Filling machine. 1,937,803; Dec. 5.
- Bager, Fred C., assignor of one-fourth to Ernest C. McKenzie and one-fourth to Berne B. McClaskey, Huron, S. Dak. Doorlock and keeper plate. 1,909,603; May 16.
- Bagge, Walter, Los Angeles, Calif. Gauging instrument for vehicle wheels. 1,922,844; Aug. 15.
- Baggi, Ugo. (See Barberis, M. and Baggi.)
- Baggli, Emil. (See Pfau, Walter, assignor.)
- Bagley, Edward S., Hartford, Conn. Garage door control device. 1,900,901; Mar. 14.
- Bagley, Frederick C., Augusta, and F. P. Silver, assignors to Maine Seaboard Paper Company, Bucksport, Maine. Paper making machine. 1,906,355; May 2.
- Bagley, Glen D., Great Neck, N. Y., assignor to Electro Metallurgical Company. Composite metal article and making same. 1,895,533; Jan. 31.
- Bagley and Sewall Company. (See Valentine, C. W., Ottersland, and Fairbanks, assignors.)
- Bagnall, Joseph C., Attleboro Mass., assignor to The Baer & Wilde Co., Inc. Combined necktie rack and support therefor. Des. 91,230; Dec. 26.
- Bagnall, Robert I., London, England. Voltage regulation in alternating current supplies. 1,896,995; Feb. 7.
- Bagno, Samuel M. (See Schweitzer, L. P., and Bagno.)
- Bagnulo, Alberto, Paris, France. Liquid fuel engine. 1,912,057; May 30.
- Bagpak, Inc. (See Baker, Webster N., assignor.)
- Baguley, Eric. (See Hughes, R. L., and Baguley.)
- Bahlke, William H., assignor to Standard Oil Company, Whiting, Ind. Distilling hydrocarbon oils. 1,910,667; May 23.
- Bahlke, William H., Hammond, assignor to Standard Oil Company, Whiting, Ind. Distillation of wax materials. 1,921,860; Aug. 8.
- Bahlke, William H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Coke removal system. 1,927,059; Sept. 19.
- Bähner, Josef, Attendorf in Westfalia, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Apparatus for rolling sheet metal. 1,899,225; Feb. 28.
- Bahney, Robert H., Massillon, Ohio. Electromagnet. 1,937,216; Nov. 28.
- Bahr, Oscar H., Kohler, Wis. Paste. 1,936,152; Nov. 21.
- Bahrman, Karl, assignor to Koch & Sterzel Aktiengesellschaft, Dresden, Germany. High tension transformer. 1,898,931; Feb. 21.
- Bahrman, Karl, assignor to Koch & Sterzel Aktiengesellschaft, Dresden, Germany. Current and potential measuring transformer. 1,930,604; Oct. 17.
- Baier, Wilhelm, Stockdorf, near Munich, Germany. Closing device for sliding roofs of motor vehicles. 1,939,195; Dec. 12.
- Bailer, Warren A., Atlanta, Ga. Ice carrier. 1,938,478; Dec. 5.
- Bailey, Addison S., Houston, Tex., and E. M. Reynolds, Tulsa, Okla., assignors to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,924,534; Aug. 29.
- Bailey, Agard H., Altadena, Calif. Fireplace screen. 1,901,073; Mar. 14.
- Bailey, Allen E., jr., Schenectady, N. Y., assignor to General Electric Company. Illumination control system. 1,899,548; Feb. 28.
- Bailey, Allen E., jr., Schenectady, N. Y., assignor to General Electric Company. Illumination control system. 1,899,549; Feb. 28.
- Bailey, Arnold B. (See Greig, J. W., and Bailey.)
- Bailey, Austin, Maplewood, and J. Herman, Westfield, N. J., and W. T. Winttingham, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Printing telegraph arrangement for radio telephone systems. 1,910,458; May 23.
- Bailey, Charles M., Berkeley, Calif. Valve. 1,911,785; May 30.
- Bailey, Charles W., assignor to P. A. Froeschl and O. P. Froeschl, Kansas City, Mo. Oil pan assembling means. 1,921,379; Aug. 8.
- Bailey, Christopher E. G., London, England, assignor to Victor Talking Machine Company. Tuning device for wireless receivers. 1,912,616; June 6.
- Bailey, Christopher E. G., London, England, assignor to Victor Talking Machine Company. Wireless circuits. 1,912,617; June 6.
- Bailey, Christopher E. G., London, England, assignor to Victor Talking Machine Company. Heterodyne wireless receiver. 1,941,070; Dec. 26.
- Bailey Clarence R., assignor to Carol Supplies, Inc., Los Angeles, Calif. Antifriction bearing. 1,898,074; Feb. 21.
- Bailey, Clarence R., assignor to Carol Supplies, Inc., Los Angeles, Calif. Antifriction bearing. 1,913,365; June 13.
- Bailey, Claude B., Wyandotte, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Gasket. 1,917,214; July 11.
- Bailey Company. (See Bailey, David C., assignor.)
- Bailey, David C., assignor to Bailey Company, Inc., Amesbury, Mass. Window glass channels. 1,903,541; Apr. 11.
- Bailey, Edwin M. (See Bailey, Edwin W. M., assignor.)
- Bailey, Edwin W. M., Amesbury, Mass. Window glass channel. 1,931,881; Oct. 24.
- Bailey, Edwin W. M., assignor to E. M. Bailey, Amesbury, Mass. Window glass guide. 1,918,444; July 18.
- Bailey, Edwin W. M., assignor to Edwin M. Bailey, Amesbury, Mass. Window glass guide. 1,921,601; Aug. 8.
- Bailey, Ervin G., Cleveland Heights, Ohio, assignor, by mesne assignments, to Bailey Meter Company. Automatic control system. 1,894,616; Jan. 17.
- Bailey, Ervin G., Cleveland Heights, Ohio, assignor, by mesne assignments, to Fuller Lehigh Company. Furnace. 1,900,006; Mar. 7.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace block. 1,900,007; Mar. 7.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Device for mixing air and solid particles. 1,911,543; May 30.
- Bailey, Ervin G., Easton, assignor to Fuller Lehigh Company, Fullerton, Pa. Furnace wall. 1,939,650; Dec. 19.
- Bailey, Ervin G., Easton, Pa., and R. M. Hardgrove, Westfield, N. J., assignors to Fuller Lehigh Company, Fullerton, Pa. Retaining means for furnace wall. Re19,033; Dec. 19.
- Bailey, Ervin G., Easton, and R. M. Hardgrove, Bethlehem, assignors to Fuller Lehigh Company, Fullerton, Pa. Retaining furnace wall blocks against tubes. 1,904,189; Apr. 18.
- Bailey, Ervin G., Easton, and R. Shellenberger, Bethlehem, assignors to Fuller Lehigh Company, Fullerton, Pa. Tie clamp for wall tubes. 1,909,448; May 16.
- Bailey, Eugene F., assignor to R. A. Knoll, Pittsburgh, Pa. Wire fastener. 1,927,732; Sept. 19.
- Bailey, Frank W., S. F. W. Crundall and H. Spence, assignors to Peter Spence & Sons, Limited, Manchester, England. Manufacture of coated papers. 1,920,340; Aug. 1.
- Bailey, George W., Cortland, N. Y. Closure for containers. 1,909,246; May 16.
- Bailey, Henry H., Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Distillation of tar and production of coke. 1,912,245; May 30.
- Bailey, Henry H., Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Coking hydrocarbon material. 1,915,916; June 27.
- Bailey, Herbert J., Trenton, N. J. Collapsible crate. 1,938,509; Dec. 5.
- Bailey, James G., Delevan, Ill. Broadcaster distributing machine. 1,912,172; May 30.
- Bailey, Lester W., Chicago, Ill. Variable condenser dial construction. 1,907,473; May 9.
- Bailey, Lucretia M., executrix. (See Bailey, Percy S.)
- Bailey Meter Company. (See Albright, Joseph C., assignor.)
- Bailey Meter Company. (See Albright, J. A., and Junkins, assignors.)
- Bailey Meter Company. (See Bailey, Ervin G., assignor.)
- Bailey Meter Company. (See Barrett, Joseph M., assignor.)
- Bailey Meter Company. (See Benjamin, Merrill G., assignor.)
- Bailey Meter Company. (See Dueringer, Walter E., assignor.)
- Bailey Meter Company. (See Hannum, William E., assignor.)
- Bailey Meter Company. (See Hardgrove, Ralph M., assignor.)
- Bailey Meter Company. (See Harter, Isaac, assignor.)
- Bailey Meter Company. (See Knapp, Russell V., assignor.)
- Bailey Meter Company. (See Rumble, Virgil A., assignor.)
- Bailey Meter Company. (See Ryder, John D., assignor.)
- Bailey, Otterbein A., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Liquid storage tank with floating roof. 1,932,392; Oct. 31.
- Bailey, Percy S., deceased, by L. M. Bailey, Swampscott, Mass., executrix, assignor to General Electric Company. Floodlight. Des. 89,736; May 2.
- Bailey, Percy S., Swampscott, Mass., assignor to General Electric Company. Light projector. 1,915,967; June 27.
- Bailey, R. W., et al. (See Schurtz, Ralph E., assignor.)
- Bailey, Rand S., Glen Ridge, and H. F. Shoffstall, Maplewood, N. J., assignors to American Telephone & Telegraph Company. Signaling system. 1,897,104; Feb. 14.
- Bailey, Richard W., Altrincham, England, assignor, by mesne assignments, to Associated Electrical Industries, Ltd. Internal combustion engine. 1,897,293; Feb. 14.
- Bailey, Richard W., Hale, England, assignor to Associated Electrical Industries Limited. Production of metal castings. 1,923,000; Aug. 15.

- Bailey, Richard W., Hale, England, assignor to Associated Electrical Industries Limited and English Steel Corporation Limited. Production of metal castings. 1,930,408; Oct. 10.
- Bailey, Richard W., Hale, England, assignor to General Electric Company. Flanged conduit. 1,936,420; Nov. 21.
- Bailey, Sidney, jr., Abington, Pa. Drum for dyeing, etc. 1,906,130; Apr. 25.
- Bailey, Vernon, Washington, D. C. Animal trap. 1,900,219; Mar. 7.
- Bailey, Walter C., Norwalk, Conn. Rotary bit. 1,902,941; Mar. 28.
- Bailey, Walter T. (See Federwitz, T. A., and Bailey.)
- Bailey, Walter T. (See Rider, E. G., and Bailey.)
- Bailey, William. (See Dubilier, W., and Bailey.)
- Bailey, William C., Los Angeles, Calif. Combination thermometer casing. 1,904,776; Apr. 18.
- Bailey, William G. (See Lower, N. M., Chalker, and Bailey.)
- Bailey, William H., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Dam construction. 1,900,393; Mar. 7.
- Bailey, William H., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Producing beveled blades. 1,917,353; July 11.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. High frequency condenser. 1,899,176; Feb. 28.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Capacitor. 1,902,877; Mar. 28.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Short wave condenser. 1,907,474; May 9.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Molded heat extractor connection. 1,907,475; May 9.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Capacitor. 1,920,177; Aug. 1.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Condenser with group clamps. 1,938,792; Dec. 12.
- Bailey, William M., Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Short wave capacitor. 1,938,793; Dec. 12.
- Bailey, William M., White Plains, N. Y., assignor to General Electric Company. Electric capacitor. 1,934,475; Nov. 7.
- Bailor, Silas E., Dill, Okla. Five-horse draft equalizer. 1,915,145; June 20.
- Bailor, Vivien, assignor to Eugene Fruit Growers Association, Eugene, Oreg. Canning machine. 1,909,604; May 16.
- Baily, Thaddeus F., Alliance, Ohio. Method and apparatus for refining metals. 1,894,657; Jan. 17.
- Bain, Earl B., San Francisco, Calif. Automobile burglar alarm. 1,910,784; May 23.
- Bain, Edgar C., Short Hills, and E. S. Davenport, Newark, N. J., assignors to United States Steel Corporation, New York, N. Y. Thermally hardening steel. 1,924,099; Aug. 29.
- Bain, George W. (See Biver, C. J., and Bain.)
- Bainbridge, Kenneth T., New York, N. Y., assignor to General Electric Company. Photo-electric tube. 1,901,577; Mar. 14.
- Bainbridge, Kenneth T., Swarthmore, Pa., assignor to General Electric Company. Preparing photo-electric tubes. 1,901,578; Mar. 14.
- Bair, John W., Strasburg, Pa. Cable socket applying tool and method. 1,931,176; Oct. 17.
- Bair, Joseph H., Camp Hill, Pa. Gradometer. 1,898,162; Feb. 21.
- Bair, Joseph H., Camp Hill, Pa. Calculating machine. 1,940,069; Dec. 19.
- Bair, Ralph S., Nutley, and J. B. Bishop, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating device. 1,922,654; Aug. 15.
- Baird, Andrew C., et al. (See Edwards, Eldon J., assignor.)
- Baird, Cliff, and W. R. Robertson, Eugene, Oreg. Attaching means for fishing reels. 1,902,749; Mar. 21.
- Baird, Hollis S., Stoneham, assignor to Shortwave & Television Corporation, Boston, Mass. Scanning apparatus for television. 1,908,809; May 16.
- Baird, John L., assignor of one-half to Television Limited, London, England. Exploring device for television apparatus. 1,913,911; June 13.
- Baird, John L., assignor to Television Limited, London, England. Television apparatus and the like. 1,925,554; Sept. 5.
- Baird Machine Company, The. (See Lewis, Arthur J., assignor.)
- Baird-Warner, Incorporated. (See Warner, Charles L., assignor.)
- Baird, William, Manchester, England, assignor to Imperial Chemical Industries Limited. Artificial resinous substance. 1,916,295; July 4.
- Baird, William, and E. E. Walker, Blackley, Manchester, assignors to Imperial Chemical Industries Limited, Westminster, England. Manufacture of resins primarily obtained from polyhydric alcohols and polybasic acids. 1,925,947; Sept. 5.
- Baird, William F., Winchester, Mass. Controlling low temperature refrigerants. 1,921,147; Aug. 8.
- Baird, William F., Winchester, Mass. Refrigerating apparatus. 1,923,472; Aug. 22.
- Baisden, Bernard L., Los Angeles, Calif. Eight cylinder radial motor. 1,931,401; Oct. 17.
- Baither, Harry, Milwaukee, Wis. Toilet ventilator. 1,931,052; Oct. 17.
- Baither, Harry, Milwaukee, Wis. Thermostatic switch. 1,937,305; Nov. 28.
- Baits, Stuart G., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Transmission. 1,910,376; May 23.
- Baits, Stuart G., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Antishimmy device. 1,918,445; July 18.
- Baits, Stuart G., Detroit, and R. H. Whisler, Halfway, assignors to Hudson Motor Car Company, Detroit, Mich. Connecting rod. 1,936,101; Nov. 21.
- Bajda, James J., South Orange, N. J. Making silver thiosulphate. 1,929,466; Oct. 10.
- Baji, John, New York, N. Y. Refuse disposal truck. 1,902,985; Mar. 28.
- Bakelite Building Products Company. (See Harshberger, Norman P., assignor.)
- Bakelite Corporation. (See Bender, Howard L., assignor.)
- Bakelite Corporation. (See Crosby, George W., assignor.)
- Bakelite Corporation. (See Daniels, Rupert S., assignor.)
- Bakelite Corporation. (See Groff, Frazier, assignor.)
- Bakelite Corporation. (See Hanson, Norman D., assignor.)
- Bakelite Corporation. (See Meharg, V. E., and Adkins, assignors.)
- Bakelite Corporation. (See Molinari, Vittorio, assignor.)
- Bakelite Corporation. (See Redman, Lawrence V., assignor.)
- Bakelite Corporation. (See Redman, L. V., Weith, and Brock, assignors.)
- Bakelite Corporation. (See Schmidt, J. H., and Daniels, assignors.)
- Bakelite Gesellschaft mit beschränkter Haftung. (See Seebach, Fritz, assignor.)
- Bakelite Gesellschaft mit beschränkter Haftung. (See Weger, Max, assignor.)
- Baker, Albert E., Mount Vernon, Ohio, assignor of one-third to P. J. Scott and one-third to B. A. Hileman, Richmond, Va. Floor and wall brush. 1,904,774; Apr. 18.
- Baker, Albert F. (See Marple, R., and Baker.)
- Baker, Andrew J. (See Abels, C. H., and Baker.)
- Baker, Arthur J., assignor to The Willys-Overland Company, Toledo, Ohio. Vehicle bumper. Des. 89,330; Feb. 28.
- Baker, Benjamin P., Turtle Creek, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc extinguisher structure. 1,925,858; Sept. 5.
- Baker, Benjamin P., Wilkingsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,932,061; Oct. 24.
- Baker, Benjamin P., Turtle Creek, and E. G. Kees, Wilkingsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 1,899,605; Feb. 28.
- Baker, Benjamin P., Turtle Creek, Pa., and M. W. Brinard, Los Angeles, Calif., assignors to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 1,918,232; July 11.
- Baker, Bert F. (See Knox, H. A., and Baker.)
- Baker, Bert F., Davenport, Iowa. Power actuator. 1,934,691; Nov. 14.
- Baker Box Company. (See McClary, David J., assignor.)
- Baker Brothers, Inc. (See Hallenbeck, George E., assignor.)
- Baker Brothers, Inc. (See Tigges, Herbert L., assignor.)
- Baker, Charles F., & Co. (See Curtis, Edgar H., assignor.)
- Baker, Charles I., Louisville, Ky. Gas holder seal heating system. 1,918,315; July 18.
- Baker, Charles P., jr., Philadelphia, Pa. Dispensing container. 1,938,479; Dec. 5.
- Baker, Chester L., assignor to Philadelphia Quartz Company of California, Ltd., Berkeley, Calif. Crystalline hydrates of alkali metal silicates and producing them. 1,898,707; Feb. 21.
- Baker, Clarence P., Portland, Oreg. Roller gearing. 1,914,797; June 20.
- Baker, Choice B. (See Bawden, William, assignor.)
- Baker & Company. (See Bayes, Robert R., assignor.)
- Baker & Company. (See Colby, Edward A., assignor.)
- Baker & Company. (See Maulen, Frederick, assignor.)
- Baker & Company. (See Nudell, Uza, assignor.)
- Baker, David B. (See Johnston, E. A., and Baker.)
- Baker, David B., Riverside, C. R. Rogers, Oak Park, and N. O. Panzergau, Chicago, Ill., assignors to International Harvester Company. Track frame structure. 1,919,315; July 25.
- Baker, Dell. (See Ziegler, Harold B., assignor.)
- Baker, Edward F., Shepherdstown, Pa. Stringed musical instrument. 1,893,264; Jan. 3.
- Baker, Erich F. (See Chappell, M. L., and Baker.)
- Baker, Eric K., Chicago, Ill. Automobile arm and rod connection. 1,898,334; Feb. 21.

- Baker, Franklin, jr., Newton Township, Delaware County, and L. J. R. Holst, Brookline, Pa., said Holst assignor to said Baker, jr. Game projecting apparatus. 1,919,922; July 25.
- Baker, Friend F. (See Mitchell, G. A., and Baker.)
- Baker, George, assignor to Oversewing Machine Company, Los Angeles, Calif. Book sectioner. 1,901,137; Mar. 14.
- Baker, George, assignor to Oversewing Machine Company, Los Angeles, Calif. Type holder and locking means. 1,908,301; May 9.
- Baker, George F., jr., Evanston, Ill. Measuring spoon. Des. 90,906; Oct. 24.
- Baker, George R. (See Paterson, J. C., and Baker.)
- Baker, George R., and J. C. Paterson, Willesden, London, England. Synchronizing apparatus for biscuit machines and the like. 1,906,831; May 2.
- Baker, George R., Willesden, London, and H. O. King, Eltham, London, England. Biscuit and like feeding devices. 1,910,785; May 23.
- Baker, George T. (See Gillings, C., Bellas, Taylor, and Baker.)
- Baker, Gilbert L., and A. B. Oberg, Oakland, Calif. Hose supporter. 1,924,478; Aug. 29.
- Baker, Harold E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Folding chair. 1,933,040; Oct. 31.
- Baker, Harold T. (See Olson, M. W., and Baker.)
- Baker, Harold U. (See Moss, R., and Baker.)
- Baker, Harry C. (See Lundberg, Carl E., assignor.)
- Baker, Harry C., West Alexander, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheel. 1,930,737; Oct. 17.
- Baker, Hastings W. (See Ohmer, J. F., Long, and Baker.)
- Baker, Henry G., Des Moines, Iowa. Connector for electrical appliances. 1,895,120; Jan. 24.
- Baker, Herbert K., Detroit, Mich. Apparatus for slitting metal sheets. 1,917,630; July 11.
- Baker, Herbert K., Detroit, Mich., assignor to Penn Metal Company, Parkersburg, W. Va. Apparatus for manufacture of expanded metal. 1,912,681; June 6.
- Baker, Herbert K., Detroit, Mich., assignor to Penn Metal Company, Parkersburg, W. Va. Expanding metal lath. 1,918,316; July 18.
- Baker, Hiram L. and M. R., Leland, assignors to Deere & Company, Moline, Ill. Wagon hitch. Re18,868; June 13.
- Baker, Hubert E. (See McCann, H. P., and Baker.)
- Baker, Hugh J., Indianapolis, Ind. Concrete form. 1,907,707; May 9.
- Baker Ice Machine Co. Inc. (See Dempsey, Arthur E., jr., assignor.)
- Baker Ice Machine Co. Inc. (See Hoffman, John F., assignor.)
- Baker Ice Machine Co. Inc. (See Mackenzie, Thomas B., assignor.)
- Baker Ice Machine Co. Inc. (See Schneider, Albert E., assignor.)
- Baker Ice Machine Company. (See Schranck, Henry C., assignor.)
- Baker, Ida S., Indianapolis, Ind. Artist's kit. 1,901,861; Mar. 21.
- Baker, James N., assignor to The Black & Decker Manufacturing Company, Towson, Md. Centrifugal flexible coupling. 1,893,806; Feb. 21.
- Baker, James N., assignor to The Black and Decker Manufacturing Company, Towson, Md. Bit holder. 1,907,399; May 2.
- Baker, James N., assignor to The Black & Decker Manufacturing Company, Towson, Md. Air circulating means for portable hammers. 1,920,673; Aug. 1.
- Baker, James N., assignor to The Black & Decker Manufacturing Company, Towson, Md. Bit rotating device for reciprocating tools. 1,934,252; Nov. 7.
- Baker, James S., Sydney, New South Wales, and H. F. Cunningham, Oakleigh, Melbourne, Victoria, Australia, assignors to The Mantle Lamp Company of America, Chicago, Ill. Flame spreader for mantle oil lamps. 1,909,515; May 16.
- Baker, John. (See Hinsch, W. H., and Baker.)
- Baker, John C. (See Dunbar, H. W., and Baker.)
- Baker, John C., Montclair, assignor to Wallace & Tierman Products, Inc., Belleville, N. J. Protective device for chlorinating apparatus. 1,923,044; Aug. 15.
- Baker, John C., Montclair, assignor to Wallace & Tierman Company, Inc., Belleville, N. J. Glass-to-metal joint. 1,937,865; Dec. 5.
- Baker, John F. L., assignor to Wickes Boiler Co., Saginaw, Mich. Manipulating the dust-blower plugs of water tube boilers. 1,923,770; Aug. 22.
- Baker, John H. E., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Automatic telephone system using single motion switch by-path circuits. 1,905,785; Apr. 25.
- Baker, John S., New Orleans, La. Score card holder or writing tablet. 1,894,146; Jan. 10.
- Baker, John S., Evansville, Wis. Windmill construction. 1,917,631; July 11.
- Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Heat motor. 1,938,167; Dec. 5.
- Baker, Jonas E., Peabody, Kans. Grave marker. Des. 90,907; Oct. 24.
- Baker, Kenneth H., North Attleboro, assignor, by mesne assignments, to H. E. Sweet, Attleboro, Mass. Extension device. 1,910,739; May 23.
- Baker, Leonard A., and H. Weld, London, England. Projection of cinematographic films. 1,938,992; Dec. 12.
- Baker, Malvern S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,934,476; Nov. 7.
- Baker, Merle E., Des Moines, Iowa. Registering golf target. 1,894,814; Jan. 17.
- Baker, Mervin R. (See Baker, Hiram L., and M. R.)
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Lens strap. Des. 89,328; Feb. 28.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Lens strap. Des. 89,329; Feb. 28.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mountings. 1,905,675; Apr. 25.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Goggles. 1,910,456; May 23.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,918,953; July 18.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Goggle. 1,918,954; July 18.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,923,566; Aug. 22.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,923,567; Aug. 22.
- Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Eye protector. 1,936,746; Nov. 28.
- Baker Oil Tools, Inc. (See Baker, R. C., and James, assignors.)
- Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
- Baker, Paul W., assignor to Wagner Electric Corporation, St. Louis, Mo. Manufacture of squirrel cage rotor. 1,915,115; June 20.
- Baker Perkins Company. (See Engels, Eugene O., assignor.)
- Baker Perkins Company. (See Lasch, A., and Strömer, assignors.)
- Baker Perkins Company. (See Macfarlane, Robert F., assignor.)
- Baker Perkins Company. (See Paterson, J. C., and Baker, assignors.)
- Baker Perkins Company. (See Schmidt, Otto, assignor.)
- Baker Perkins Company. (See Taroni, C. E., and Ellis, assignors.)
- Baker Perkins Company. (See Thurm, Richard, assignor.)
- Baker Perkins Company, Inc. (See Guggenheim, Max M., assignor.)
- Baker Perkins Company Inc. (See Macfarlane, R. F., and Prescott, assignors.)
- Baker Perkins Company, Inc. (See Schmier, Eugene, assignor.)
- Baker Perkins, Limited. (See Pointon, John E., assignor.)
- Baker, Ralph B., Chicago, Ill. Laundry bag. 1,918,793; July 18.
- Baker, Randall B. (See Durbin, V., and Baker.)
- Baker-Raulang Company, The. (See Pitts, George B., assignor.)
- Baker-Raulang Company, The. (See Remde, Edward H., assignor.)
- Baker, Reuben C. and H. J. James, Coalinga, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Back-off or holding tool for wall casings. 1,908,622; May 9.
- Baker, Robert D., Royal Oak, Mich. Machine for fine grading roadbeds. 1,939,289; Dec. 12.
- Baker, Robert D., Birmingham, Mich. Transport equipment for highway construction machines and the like. 1,940,659; Dec. 26.
- Baker, Robert E. (See Frick, C. A., and Baker.)
- Baker, Robert M., and L. Smede, Wilkingsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Method and apparatus for reducing the contact drop between current-carrying contents. 1,922,191; Aug. 15.
- Baker, Samuel S. (See Prescott, John B., and Baker.)
- Baker, Stewart E., South Pasadena, Calif. Pastry mixer. 1,895,833; Jan. 31.
- Baker, Stewart E., South Pasadena, Calif. Mixer. 1,910,229; May 23.
- Baker, Thomas T., Middlesex, assignor to Spicers Limited, London, England. Color photography. 1,903,971; Apr. 18.
- Baker, Thomas T., Hatch End, England, assignor, by mesne assignments, to Afga Ansco Corporation, Binghamton, N. Y. Tri-pack for use in color photography. 1,910,877; May 23.
- Baker, Walter J., Wyckoff, N. J. Electric fluid heater. 1,902,877; Mar. 28.
- Baker, Walter J., Somerville, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Method of and apparatus for separating and aligning jar rings. 1,935,236; Nov. 14.
- Baker, Webster N., Glens Falls, assignor to Bagpack, Inc., New York, N. Y. Bag closure. 1,913,825; June 13.
- Baker, Wilfred S. (See Perkins, F. E., and Baker.)
- Baker, William H., Montreal, Quebec, Canada. Warp-stop motion for looms. 1,902,318; Mar. 21.
- Baker, William W., Cincinnati, Ohio. Hydraulic rotary power transmitter. 1,918,236; July 18.
- Bakeries Service Corporation. (See Marr, William S., assignor.)

- Bakeries Service Corporation. (See Seaman, Cedric, assignor.)
- Bakonyi, Stefan, Dessau, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Biochemical fermentation process. 1,908,945; May 16.
- Bakonyi, Stefan, Dessau, assignor to Deutsche Hydrierwerke A.-G., Berlin-Charlottenburg, Germany. Effecting bacterial fermentation without multiplying the cells. 1,920,735; Aug. 1.
- Bakonyi, Stefan, Dessau, assignor to Deutsche Hydrierwerke A.-G., Berlin-Charlottenburg, Germany. Carrying out fermentations and similar biochemical reactions by means of bacteria. 1,920,736; Aug. 1.
- Bakstad, Johan R., Chicago, Ill., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Crusher. 1,899,930; Mar. 7.
- Balch, Harry, Baltimore, Md. Support. 1,898,865; Feb. 21.
- Balch, John L., Potlatch, Idaho. Score keeping device. 1,924,479; Aug. 29.
- Baldeweg, Max, Dresden, Germany. Roll film box camera. 1,893,122; Jan. 3.
- Baldeweg, Max, Dresden, Germany. Roll-film box camera. 1,913,912; June 13.
- Baldner, George H., assignor to L. T. Bohn, Dayton, Ohio. Clothes washing machine. 1,897,414; Feb. 14.
- Baldrige, John W., Cedar Rapids, Iowa. Key fastener. 1,931,715; Oct. 24.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Soundproof door. 1,931,125; Oct. 17.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Building construction. 1,935,536; Nov. 14.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Resilient building structure. 1,935,537; Nov. 14.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Resilient building construction. 1,938,680; Dec. 12.
- Baldof, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Wall and ceiling construction. 1,940,933; Dec. 26.
- Baldof, Bruno E., Chicago, and H. O. Hayes, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Apparatus for the manufacture of building insulation. 1,906,510; May 2.
- Baldwin, Charles W., Elsinore, Calif. Storage battery carrier. 1,935,828; Nov. 21.
- Baldwin, Clyde P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,909,160; May 16.
- Baldwin, Curtis C., Wichita, Kans., assignor to Curtis Harvesters, Inc., North Kansas City, Mo. Centrifugal threshing machine. 1,907,035; May 2.
- Baldwin, Curtis C., Wichita, Kans., assignor, by mesne assignments, to Curtis Harvesters, Inc., North Kansas City, Mo. Threshing machine. 1,911,665; May 30.
- Baldwin-Duckworth Chain Corporation. (See Klauke, Hermann, assignor.)
- Baldwin, Edward N., Chicago, Ill., assignor to Westinghouse Electric Elevator Company. Brake for elevator governor sheaves. 1,932,062; Oct. 24.
- Baldwin, Elнора E., Denver, Colo. Hair waver. 1,921,861; Aug. 8.
- Baldwin, George E., Lima, Ohio, assignor of one-half to J. Robinson, New York, N. Y., and one-half to R. M. Wolvin, Montreal, Quebec, Canada. Automatic train pipe connector head. 1,935,253; Nov. 14.
- Baldwin, Gerald L., San Diego, Calif. Portable ash tray and extinguisher. 1,897,356; Feb. 14.
- Baldwin, James A., Lawrence, Mass. Animated wind toy. 1,899,788; Feb. 28.
- Baldwin, James C., and C. C. McKnight, Enid, Okla. Spring leaf arching machine. 1,933,957; Nov. 7.
- Baldwin, James L., Chicago, Ill. Package carrier. 1,901,279; Mar. 14.
- Baldwin, John L., Babylon, N. Y. Radiator cap. Des. 90,643; Sept. 12.
- Baldwin, John W., jr. (See Weatherhead, A. J., jr., and Baldwin, Jr.)
- Baldwin, Louis C., Chicago, Ill. Combination key and coin container. 1,893,265; Jan. 3.
- Baldwin, Luther C., assignor to U. S. Bobbin & Shuttle Company, Providence, R. I. Bobbin and bobbin reinforcing means. 1,893,320; Jan. 3.
- Baldwin, Luther C., deceased, by Rhode Island Hospital Trust Company, administrator, assignor to U. S. Bobbin & Shuttle Company 1929, Providence, R. I. Shuttle. 1,899,129; Feb. 28.
- Baldwin, Nathaniel, East Mill Creek, Utah. Combination tongs and poker device for fire grates and fireplaces. 1,902,685; Mar. 21.
- Baldwin, Roger S., et al., executors. (See Newell, Emerson R.)
- Baldwin-Southwark Corporation. (See Archer, H. G., and Bird.)
- Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)
- Baldwin-Southwark Corporation. (See Hunaeus, Herman H., assignor.)
- Baldwin-Southwark Corporation. (See Néeson, Charles R., assignor.)
- Baldwin-Southwark Corporation. (See Rogers, Frank H., assignor.)
- Baldwin Southwark Corporation. (See Ruehl, Erwin F., assignor.)
- Baldwin, Van V. (See Conrad, D. E., and Baldwin.)
- Baldwin, William A., Panorama, Iowa. Bolster and stake construction. 1,893,878; Jan. 10.
- Bales, James E., Aurora, assignor, by mesne assignments, to Standard Oil Company, Chicago, Ill. Service lubricating cart. Des. 89,005; Jan. 10.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Folding display stand. 1,896,604; Feb. 7.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Merchandising table. 1,897,568; Feb. 14.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Table edging. 1,910,144; May 23.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Waste basket. 1,915,045; June 20.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Merchandising table. 1,915,046; June 20.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Cabinet construction. 1,916,189; July 4.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Shelving construction. 1,917,917; July 11.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Rack and shelf construction. 1,929,467; Oct. 10.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair. 1,934,396; Nov. 7.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Compartment box. 1,939,651; Dec. 19.
- Bales, James E., C. T. Christensen, J. Hallberg and J. B. Adler, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Vertical filing cabinet. 1,906,832; May 2.
- Bales, James E., and C. T. Christensen, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Table leg construction. 1,917,916; July 11.
- Bales, James E., and C. E. Gerberich, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Card holder. 1,929,468; Oct. 10.
- Bales, James E., and J. B. O'Connor, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Cabinet construction. 1,930,547; Oct. 17.
- Bales, James E., C. T. Christensen, J. Hallberg, and J. B. Adler, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Latching mechanism. 1,934,397; Nov. 7.
- Bales, James E., Aurora, and W. N. Vance, Chicago Heights, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Locker. 1,936,818; Nov. 28.
- Balf, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 1,927,450; Sept. 19.
- Balf, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Perforating sheet metal. 1,927,791; Sept. 19.
- Balf, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 1,928,585; Sept. 26.
- Balf, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Wheel. 1,939,095; Dec. 12.
- Balf, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Rim. 1,939,096; Dec. 12.
- Balfour, L. G., Company. (See Patt, Winfield C., assignor.)
- Balga, Louis, Bridgeport, Conn. Aircraft propulsion mechanism. 1,894,844; Jan. 17.
- Ball, John and P. Kotur, Gary, Ind. Building construction. 1,899,450; Feb. 28.
- Balian, Abraham, Los Angeles, Calif. Making a coated frozen confection. 1,893,513; Jan. 10.
- Balke, Clarence W., Highland Park, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Metallic columbium and making the same. 1,905,882; Apr. 25.
- Balke, Clarence W., Highland Park, assignor, by mesne assignments, to Ramet Corporation of America, Chicago, Ill. Making hard alloys. 1,913,100; June 6.
- Balke, Clarence W., Highland Park, assignor, by mesne assignments, to Ramet Corporation of America, North Chicago, Ill. Making hard alloys for cutting tools. 1,937,185; Nov. 28.
- Balke, William C., Crannell, Calif. Looping aeroplane swing. 1,915,879; June 27.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Adjustable seat assembly. 1,893,531; Jan. 10.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Truck body construction. 1,893,532; Jan. 10.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Door and window construction. 1,905,429; Apr. 25.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Seat construction. 1,920,052; July 25.
- Ball, Albert P., and W. E. Hann, Detroit, Mich.; said Hann assignor to said Ball. Door dovetail. 1,913,170; July 11.
- Ball Brothers Company. (See Milner, Edwin E., assignor.)
- Ball Brothers Company. (See Mingle, Joseph P., assignor.)
- Ball Brothers Company. (See Petty, Fred J., assignor.)

- Ball Brothers Company. (See Sterrett, Walter R., assignor.)
- Ball, Charles E., Chicago, Ill., assignor to Ball Wagon Grader Co., Stockton, Calif. Control mechanism for scraper bowls. 1,898,163; Feb. 21.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Mechanism for operating and controlling water valves. 1,908,810; May 16.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Transit concrete mixer and agitator. 1,908,811; May 16.
- Ball, Charles F., assignor to Chain Belt Company, Milwaukee, Wis. Water measuring and supply apparatus for concrete mixers. 1,913,301; June 6.
- Ball, Charles F., and A. E. Miller, assignors to Chain Belt Company, Milwaukee, Wis. Rear closure for truck mixers. 1,918,205; July 11.
- Ball, Edward H., assignor to Chicago Belting Company, Chicago, Ill. Display container. 1,930,300; Oct. 10.
- Ball, Edward M., Bloomingdale, N. J., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Manufacture of laminated glass. 1,905,430; Apr. 25.
- Ball, Frank C., and C. C. Salisbury, assignors to Salisbury Signal Corporation, Jamestown, N. Y. Switch mechanism. 1,897,943; Feb. 14.
- Ball, Frederick O. and T. M., Detroit, Mich. Carburetor. 1,909,389; May 16.
- Ball, Frederick O., A. B. Couture, and W. P. Cousino, assignors to Chrysler Corporation, Detroit, Mich. Anti-percolating device. 1,909,390; May 16.
- Ball, George E. (See Perry, E. D., and Ball.)
- Ball, George B., Cranston, R. I., and P. B. Ball, Attleboro, Mass., assignors to Chesebrough Manufacturing Co., Consolidated, New York, N. Y. Ring. Des. 89,031; Jan. 17.
- Ball, George P., Allentown, Pa. Automobile lift. 1,902,820; Mar. 28.
- Ball, Guy M. (See Bird, W., and Ball.)
- Ball, Harry V., Concord, Mass., assignor to R. Hoe & Co., Inc., New York, N. Y. Web lead for printing machines. 1,899,226; Feb. 28.
- Ball, Harry V., Concord, Mass., assignor to R. Hoe & Co., New York, N. Y. Printing press. 1,907,139; May 2.
- Ball, Harry V., Concord, Mass., and A. J. Horton, White Plains, assignors to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver. Web tensioning mechanism. 1,925,514; Sept. 5.
- Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Crane trolley. 1,896,274; Feb. 7.
- Ball, James R. (See Ball, William H. and J. R.)
- Ball, John E., Detroit, Mich. Reel. 1,929,469; Oct. 10.
- Ball, John H., Abilene, Tex. Road stripping machine. 1,928,551; Sept. 26.
- Ball, Joseph A., Los Angeles, Calif., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Color cinematographic apparatus. 1,900,034; Mar. 7.
- Ball, Joseph A., Los Angeles, Calif., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Color cinematographic apparatus. 1,924,901; Aug. 29.
- Ball, Joseph A., Los Angeles, Calif., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Subtractive color photography. 1,926,255; Sept. 12.
- Ball, Pearl V., assignor to H. W. Kramer, Toledo, Ohio. Making shredders. 1,913,357; June 13.
- Ball, Percy B. (See Ball, George E. and P. B.)
- Ball & Roller Bearing Company, The. (See Rockwell, George G., assignor.)
- Ball, Thomas M. (See Ball, Frederick O. and T. M.)
- Ball, Truman P., Toledo, Ohio. Valve. 1,940,990; Dec. 26.
- Ball Wagon Grader Co. (See Ball, Charles E., assignor.)
- Ball, William, Wallington, assignor to British Adding and Calculating Machines, Limited, London, England. Calculating machine. 1,930,870; Oct. 17.
- Ball, William, Wallington, assignor to British Adding and Calculating Machines, Limited, London, England. Calculating machine. 1,930,871; Oct. 17.
- Ball, William, Wallington, assignor to British Adding and Calculating Machines Limited, London, England. Printing mechanism for calculating machines. 1,938,168; Dec. 5.
- Ball, William H., Chicago, and J. R. Ball, La Grange, Ill. Aviation instruction apparatus. 1,924,390; Aug. 29.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical communication circuit. Re18,835; May 23.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor to Radio Corporation of America. Method of and apparatus for forming grid electrodes. 1,898,475; Feb. 21.
- Ballantine, Stuart, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical circuit for radioreceivers. 1,930,672; Oct. 17.
- Ballantine, Stuart, Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Rectifier element. 1,935,383; Nov. 14.
- Ballard, Arthur H. (See Abrams, Victor R., assignor.)
- Ballard, Bernard T., Lombard, Ill., assignor to United States Gypsum Company, Chicago, Ill. Foam cell. 1,929,470; Oct. 10.
- Ballard, Charles S., Seattle Wash. Dental flask. 1,926,508; Sept. 12.
- Ballard, Coral B., Tampa, Fla., assignor to Sprague-Sells Corporation, Hoopeston, Ill. Method and apparatus for cleaning fruit. 1,911,102; May 23.
- Ballard, Ernest S., Oakland, Calif., assignor, by mesne assignments, to Standard Process Corporation, Chicago, Ill. Apparatus for producing printing forms. 1,918,627; July 18.
- Ballard, George A., trustee, et al. (See Riddle, Griffith, assignor.)
- Ballard, Harrie A. (See Greist, P. R., and Ballard.)
- Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins and leather. 1,920,341; Aug. 1.
- Ballard, Harrison A., Timber Lake, S. Dak. Motor vehicle screen. 1,892,975; Jan. 3.
- Ballard, Harry E., assignor to The Coburn Trolley Track Manufacturing Company, Holyoke, Mass. Ladder. 1,912,509; June 6.
- Ballard, Helen A., and J. Hart, New York, assignors to Bastian Brothers Company, Rochester, N. Y. Protective shield for use in applying eyelash make-up. 1,907,476; May 9.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing soles upon shoes and pad therefor. 1,897,105; Feb. 14.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Clicking machine. 1,909,161; May 16.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Roller clutch. 1,927,060; Sept. 19.
- Ballard, Milton H., and D. G. McLean, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,902,054; Mar. 21.
- Ballard, Roscoe F. (See Warner, A. W., and Ballard.)
- Ballauf, Fritz. (See Bergdolt, A., and Ballauf.)
- Ballauf, Fritz. (See Herdieckerhoff, E., and Ballauf.)
- Ballauf, Fritz. (See Limpach, O., Hager, Schmelzer, and Ballauf.)
- Ballauf, Fritz. (See Schmelzer, A., Ballauf, and Hefner.)
- Ballauf, Fritz. (See Schmelzer, A., Ballauf, and Muth.)
- Ballauf, Fritz, Cologne-Mulheim, and A. Schmelzer, Wuppertal-Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxy-diphenylindoles. 1,906,221; May 2.
- Balle, Gerhard. (See Schmidt, A., Balle, and Lange.)
- Balle, Gerhard, and P. Heimke, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of tanned or nontanned animal hides. 1,927,910; Sept. 26.
- Ballenberg, Adolf G. (See Powell, H. K., and Ballenberg.)
- Ballenger, Edgar G. (See Grayson, R. U., and Ballenger.)
- Ballenger, E. G., et al. (See Grayson, Ralph V., assignor.)
- Ballentin, Walter, genannt Mielke. (See Uhlich, E., and Ballentin.)
- Ballentin, Walter, known as Mielke, and E. Uhlich, Berlin-Hirschgarten, Germany. Motor gear. 1,919,876; July 25.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Heating unit. 1,906,897; May 2.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Heater for washing machines. 1,913,099; June 6.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Conditioning air. 1,932,379; Oct. 24.
- Ballentine, Earle W., assignor to Solar Industries, Inc., Chicago, Ill. Thermostat. 1,932,380; Oct. 24.
- Ballentine, William I., and A. J. Knapp, La Porte, Ind., assignors, by mesne assignments, to Allis-Chalmers Manufacturing Company, Combine. 1,934,160; Nov. 7.
- Baller, Anton, Vienna, Austria. Electrical machine. 1,939,942; Dec. 19.
- Ballew, Lenna D., Chicago, Ill. Doll. Des. 90,187; June 27.
- Balliet, A. H., Corporation. (See Kleinsmith, Horace B., assignor.)
- Ballman, Edwin C., St. Louis, Mo. Pressure pump. 1,936,614; Nov. 28.
- Ballou, Harry R., Canton, Ohio, assignor to The Hoover Company. Suction cleaner. 1,900,271; Mar. 7.
- Ballou, John M., Weston, Conn., and V. W. Balzer, Jamaica, N. Y. Airplane. 1,931,809; Oct. 24.
- Ballou, Richard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric train signalling apparatus. 1,892,716; Jan. 3.
- Ballou, Richard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrically tuned differential filter. 1,910,515; May 23.
- Ballou, Virg. (See McLaughlin, Wilson L., H. L., and Ballou.)
- Bally, Oscar, Kunsnacht, near Zurich, Switzerland. Motor-car with sliding doors. 1,928,523; Sept. 26.
- Bally, Oscar, Basel, assignor to Society Chemical Industry in Basle, Basel, Switzerland. Printing acetate silk or materials containing an organic cellulose ether or ester. 1,904,815; Apr. 18.
- Balmer, Burney J. (See McEwen, H. W., and Balmer.)
- Balmer, J. H., Company. (See Hooper, Henry Y., assignor.)
- Balough, Charles, assignor to Hercules Motors Corporation, Canton, Ohio. Valve, valve seat, port, and cooling apparatus therefor. 1,909,926; May 23.

- Baloun, Kurt, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerke, Siemensstadt, near Berlin, Germany. Electrical switching device. 1,927,512; Sept. 19.
- Balsam, Maurice M., New York, N. Y. Press for making jaws for hand bags. 1,909,086; May 16.
- Balsiger, Harold E. (See Steiner, A. F., Balsiger, and Wine.)
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Safety device for grinding machines. Re18,986; Oct. 31.
- Balth, Charles, Sag Harbor, N. Y. Compound tool. 1,924,015; Aug. 22.
- Balthaser, Harry E., Philadelphia, Pa. Surgical claw scissors. 1,904,390; Apr. 18.
- Baltimore Enamel & Novelty Co., The. (See Little, Harold B., assignor.)
- Baltimore Gas Engineering Corporation, The. (See Looker, C. D., Kester, Hass, and Friend, assignors.)
- Baltimore Paper Company. (See Winkler, A., and Dünnebier, assignor.)
- Balton, James, Baltimore, Md. Ice cream cone. Des. 89,732; May 2.
- Balton, James, Baltimore, Md. Ice cream cone. Des. 89,733; May 2.
- Balton, James, assignor to Joseph Shapiro, Baltimore, Md. Faucet. Des. 90,353; July 25.
- Balton, James, assignor to J. Shapiro, Baltimore, Md. Wafer baking machine. 1,899,302; Feb. 28.
- Balton, James, assignor to J. Shapiro, Baltimore, Md. Tube severing mechanism. 1,911,297; May 30.
- Balton, James, assignor to Joseph Shapiro, Baltimore, Md. Machine for manufacturing spirally wound straws or tubes. 1,911,298; May 30.
- Balton, James, assignor to Joseph Shapiro, Baltimore, Md. Wafer cutting machine. 1,911,873; May 30.
- Balton, James, assignor to Joseph Shapiro, Baltimore, Md. Ice cream cone. 1,915,210; June 20.
- Balton, James, assignor to J. Shapiro, Baltimore, Md. Rolled cone-wafer baking mold. 1,915,211; June 20.
- Baltsois, Alexander J., Brooklyn, N. Y. Alarm device for clocks. 1,916,033; June 27.
- Baltzley, Louis E. (See Goertz, F., and Baltzley.)
- Baltzley, Louis E., Glen Ridge, N. J. Game counter. 1,935,308; Nov. 14.
- Baltzley, Louis E., Glen Ridge, and F. Goertz, Newark, N. J. Glass holder. 1,902,608; Mar. 21.
- Balut, Rudolph R., Kingston, Pa. Artificial skull. 1,933,958; Nov. 7.
- Balzer, Vernon W. (See Ballou, J. McK., and Balzer.)
- Bamag-Meguini Aktiengesellschaft. (See Bergfeld, Reinhold, assignor.)
- Bambenek, Joseph B., assignor to Peerless Chain Co., Winona, Minn. Combined slack take-up and lock device for tire chains. 1,928,474; Sept. 26.
- Bamber, Robert F., and R. A. Campbell, Cincinnati, Ohio. Wave motor. 1,925,742; Sept. 5.
- Bamberger, Curt, Wuppertal-Elberfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1,4-aminohydroxyanthraquinone. 1,930,352; Oct. 10.
- Bamberger, Curt, Wuppertal-Elberfeld, and P. Nawiasky, Works, Inc., New York, N. Y. Preparing 1,4-diaminoanthraquinone. 1,930,351; Oct. 10.
- Bamberger, Kurt. (See Schmidt, R. E., Stein, and Bamberger.)
- Bambridge, William G., assignor to The Spiro Ball Bearing Company Limited, Kettering, England. Screw threading machine. 1,933,405; Oct. 31.
- Bampfyde, James W., London, England. Making or remelting alloys of aluminium and iron. 1,918,011; July 11.
- Banbury, Fernley H. (See Ducharme, D. A., and Banbury.)
- Banbury, Fernley H. (See Schnuck, C. F., and Banbury.)
- Bancel, Paul A., Montclair, assignor to Ingersoll-Rand Company, Jersey City, N. J. Condenser. 1,919,190; July 25.
- Bancker, Elbert H., Schenectady, N. Y., assignor to General Electric Company. Protective arrangement. 1,930,333; Oct. 10.
- Bancroft, Albert F., West Newton, assignor to Bancroft-Walker Company, Boston, Mass. Making footwear. 1,905,786; Apr. 25.
- Bancroft, Charles, New Canaan, Conn. Rotary internal combustion engine. 1,919,355; July 25.
- Bancroft, Erwin P., Brooklyn, assignor to International Communications Laboratories, Inc., New York, N. Y. Keyboard transmitter. 1,902,943; Mar. 28.
- Bancroft, Erwin P., Brooklyn, assignor to International Communications Laboratories, Inc., New York, N. Y. Single contact keyboard transmitter. 1,915,280; June 27.
- Bancroft, Erwin P., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Selective device. 1,927,697; Sept. 19.
- Bancroft, Erwin P., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Regenerative repeater. 1,931,099; Oct. 17.
- Bancroft, Erwin P., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Mechanism for high speed tickers. 1,932,763; Oct. 31.
- Bancroft, James E., Detroit, Mich., assignor, by mesne assignments, to The Peele Company, New York, N. Y. Door operating mechanism. 1,920,835; Aug. 1.
- Bancroft, James E., Detroit, Mich., assignor, by mesne assignments, to The Peele Company, New York, N. Y. Closure operating mechanism. 1,928,611; Oct. 3.
- Bancroft, Thomas E. (See O'Kane, J. P., and Bancroft.)
- Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
- Bancroft-Walker Company. (See Ray, George M., assignor.)
- Band, Charles E., Los Angeles, Calif. Trap-shooting apparatus or layout. 1,903,667; Apr. 11.
- Band, Charles E., Los Angeles, Calif. Combined boat and aeroplane. 1,928,552; Sept. 26.
- Bandeau, L. H. Co., The. (See Cohen, Morris E., assignor.)
- Bandini, Franco, Rome, Italy. Brick making process in which quick drying and burning are combined in a single operation. 1,906,785; May 2.
- Bandli, Martin, assignor of one-half to The Leather Cloth Company, Limited, London, England. Incorporating rubber with cellulose derivatives. 1,913,227; June 6.
- Bandoly, Eich, assignor to Taylor Instrument Companies, Rochester, N. Y. Clip for sphygmomanometers and the like. 1,930,459; Oct. 17.
- Bandringa, Menze. (See Van Gessel, K. M., Bandringa, and Morel.)
- Bandur, Adolph F., Berwyn, and H. M. E. Heinicke, Elgin, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Producing magnetic materials. 1,930,919; Oct. 17.
- Banes, Walter D., Chestnut Hill, assignor to Isaac L. Schwartz, Philadelphia, Pa. Fire extinguisher. 1,898,476; Feb. 21.
- Bandfield, Frederic E., Jr., Saco, Maine, assignor to Saco-Wellsh Shops, Boston, Mass. Spinning and twister frame. 1,934,654; Nov. 7.
- Bandfield, Frederic E., Jr., and G. F. Albrecht, Saco, Maine, assignors to Saco-Wellsh Shops, Boston, Mass. Roving frame. 1,924,176; Aug. 29.
- Bandfield, Thomas H., Portland, Oreg. Coal burning stoker. Des. 90,012; May 30.
- Bandfield, Thomas H., Portland, Oreg. Damper for furnaces. 1,938,241; Dec. 5.
- Bandfield, Thomas H., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Combustion plate for stokers. 1,927,199; Sept. 19.
- Bangham, Philip F., and R. F. Thomson, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Vat dyestuffs of the anthraquinone naphtharidone series and making them. 1,929,876; Oct. 10.
- Bangs, Ralph L., Wakefield, and W. A. Hermanson, Brighton, Mass. Box. 1,904,400; Apr. 18.
- Bangser, William, New York, N. Y., assignor to H. Maimin Company, Incorporated. Cloth cutting machine. 1,940,483; Dec. 19.
- Bangston, Cecil W., Rockwell City, Iowa. Safety locking switch for automobiles. 1,911,739; May 30.
- Banigan, Thomas F., Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Treating artificial thread. 1,931,245; Oct. 17.
- Baninger, John H., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing mounting. 1,893,219; Jan. 3.
- Baninger, John H., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing mounting. 1,893,836; Jan. 10.
- Baninger, John H., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing mounting. 1,906,243; May 2.
- Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Upholstery construction. 1,894,262; Jan. 17.
- Bank, Albert M., assignor to S. Bank, Jersey City, N. J. Furniture. 1,929,471; Oct. 10.
- Bank, Maurice, Chicago, Ill. Electrical-including radio-apparatus. 1,922,415; Aug. 15.
- Bank of America. (See Zahn, Selma K., assignor.)
- Bank, Sylvia. (See Bank, Albert M., assignor.)
- Banker, Oscar H., Philadelphia, Pa. Ink roll for printing presses. 1,904,764; Apr. 18.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Steering gear. 1,909,330; May 16.
- Banker, Oscar H., Chicago, Ill., assignor, by mesne assignments, to New Products Corporation. Clutch. 1,917,484; July 11.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Variable speed transmission. 1,937,503; Dec. 5.
- Bankers Electric Protective Association. (See Kahn, L., and Pearson, assignors.)
- Bankers Protection Co. (See Nahm, W. L., and Brown, assignors.)
- Banks, Bernard G. (See Blair, S. M., Melvill, Berry, and Banks.)
- Banks, Charles G., Los Angeles, Calif. Joint for all metal rotary hose for oil wells. 1,894,390; Jan. 17.
- Banks, Charles M., Philadelphia, Pa. Release valve. 1,893,757; Jan. 10.
- Banks, George. (See Udine, Fred F., assignor.)
- Banks, Harry P. (See Ellertsen, L. W., Cone, Davidson, Laucks, and Banks.)
- Banks, Ira O., assignor of one-half to P. R. Heidbrink, Higginsville, Mo. Radio antenna. 1,914,233; June 13.
- Banks, Ira O., assignor of one-half to P. R. Heidbrink, Higginsville, Mo. Radio antenna. 1,914,234; June 13.

- Banneitz, Fritz, Charlottenburg, near Berlin, and G. Schubert, Siemensstadt, near Berlin, assignors, to the Firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Television apparatus. 1,930,071; Oct. 10.
- Banner, Otto A., Highland Park, N. J. Roller coupling. 1,936,574; Nov. 28.
- Banner, Otto A., Highland Park, assignor to John Waldron Corporation, New Brunswick, N. J. Shaft coupling. 1,905,431; Apr. 25.
- Banner Rock Corporation. (See Powell, Edward R., assignor.)
- Bannett Box Company. (See Boughton, Willis A., assignor.)
- Banning, Ephraim. (See Edelman, Philip E., assignor.)
- Banning, Thomas A., jr., Wilmette, Ill. Auto lift and the like. 1,919,156; July 18.
- Bannister, Harry B., and C. J. Robinson, assignors to The Irwin Auger Bit Company, Wilmington, Ohio. Tool case. 1,927,110; Sept. 19.
- Bansbach, Hermann, Cannstatt, Germany. Pipe cutting appliance. 1,912,058; May 30.
- Banse, Henry J., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Illuminated sign. 1,915,511; June 27.
- Bansen, Hugo, Rheinhausen-Friemersheim, and K. Löbbecke, Rheinhausen, assignors to Fried. Krupp Aktien-gesellschaft, Friedrich Alfred-Hütte, Rheinhausen, Germany. Treating iron baths. 1,940,341; Dec. 19.
- Banta, Clifford, Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Purification of tar acids and product thereof. 1,926,665; Sept. 12.
- Bantam Ball Bearing Company, The. (See Herrmann, Karl L., assignor.)
- Banton, Albert W. (See Forbes, J. C., and Banton.)
- Bany, Herman, and Harold T. Seeley, Yeadon, Pa., assignors to General Electric Company. Control system. 1,937,498; Nov. 28.
- Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 1,895,438; Jan. 31.
- Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 1,929,911; Oct. 10.
- Baranowsky, Raoul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation circuit for short-wave generators. 1,921,448; Aug. 8.
- Baranyai, Alex. (See Bardocz, George, assignor.)
- Barbalich, Frank. (See Lovrich, Frank A., assignor.)
- Barbara, Herman S., Deal, N. J. Bumper guard. 1,930,189; Oct. 10.
- Barbarou, Marius J-B, Neuilly-sur-Seine, France. Packing joint for water cooled internal combustion engines. 1,893,192; Jan. 3.
- Barbarou, Marius J-B, Neuilly-sur-Seine, France. Driving arrangement for aircraft propellers. 1,895,874; Jan. 31.
- Barbarou, Marius J. B., Neuilly-sur-Seine, France. Device for heating carburetors or the air fed to carburetors. 1,914,063; June 13.
- Barbarou, Marius J-B, Neuilly-sur-Seine, France. Variable pitch propeller. 1,920,674; Aug. 1.
- Barbarou, Marius J-B, Neuilly-sur-Seine, France. Propeller with variable pitch. 1,930,548; Oct. 17.
- Barbarou, Marius J-B, Neuilly-sur-Seine, France. Servo-brake. 1,930,549; Oct. 17.
- Barbarou, Marius J-B, Neuilly sur Seine, France, assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,360; Oct. 31.
- Barbato, Theodore, Union City, N. J. End closure for tiles. 1,909,516; May 16.
- Barbé, Edgar H., assignor to Rolldor Manufacturing Company, Los Angeles, Calif. Mobile ash tray. 1,905,123; Apr. 25.
- Barber, Ada. (See Barber, William, assignor.)
- Barber, Alfred W., Boonton, N. J. Audion amplifier. 1,903,542; Apr. 11.
- Barber Asphalt Company, The. (See Browne, Frank A., assignor.)
- Barber Asphalt Company, The. (See Douthett, Orin R., assignor.)
- Barber Asphalt Company, The. (See Freegard, William, assignor.)
- Barber Asphalt Company, The. (See Kuehling, Herman, assignor.)
- Barber Asphalt Company, The. (See Smith, Preston R., assignor.)
- Barber, Benjamin R., Jacksonville, Fla. Making latches for rail switches and blanks for the same. 1,901,718; Mar. 14.
- Barber-Colman Company. (See Edgar, John, assignor.)
- Barber-Colman Company. (See Ransome, Stafford M., assignor.)
- Barber-Colman Company. (See Sinderson, John B., assignor.)
- Barber-Colman Company. (See Whitman, George F., assignor.)
- Barber Gas Burner Company. (See Kerr, Harry E., assignor.)
- Barber, George H., New Rochelle, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Combined flashlight cap and hanger ring. Des. 89,421; Mar. 7.
- Barber, George H., New Rochelle, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Flash light bottom cap. 1,894,147; Jan. 10.
- Barber, George H., New Rochelle, N. Y., and F. G. Stimson, Belleville, and G. B. Pratt, assignors to Bond Electric Corporation, Jersey City, N. J. Flashlight. 1,896,605; Feb. 7.
- Barber, George H., New Rochelle, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Flash light bottom cap with spare bulb carrier. 1,905,787; Apr. 25.
- Barber-Greene Company. (See Barber, Harry H., assignor.)
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Power transmission mechanism for portable conveyers. 1,913,653; June 13.
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Laterally shiftable digging boom. 1,916,247; July 4.
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Digging bucket. 1,916,354; July 4.
- Barber, Harry H., assignor to Barber Greene Company, Aurora, Ill. Safety pawl. 1,917,215; July 11.
- Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Car unloader. 1,940,441; Dec. 19.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web feeding mechanism. 1,895,842; Jan. 31.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web perfecting rotary printing press. 1,898,610; Feb. 21.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Traveling offset web controlling mechanism for multicolor printing presses. 1,920,178; Aug. 1.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet cutting and feeding machine. 1,939,196; Dec. 12.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web feeding and sheet cutting mechanism. 1,940,484; Dec. 19.
- Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed rotary printing press. 1,941,241; Dec. 26.
- Barber, Hugh B., assignor to Surface Combustion Corporation, Toledo, Ohio. Gas burner. 1,893,533; Jan. 10.
- Barber, Hugh B., assignor to Surface Combustion Corporation, Toledo, Ohio. Valve structure for inspirators. 1,914,905; June 20.
- Barber, Joseph L., Greeley, Colo. Adjustable mask for photoprinting machines. 1,902,984; Mar. 28.
- Barber, Louis, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Nut castellating machine. 1,934,253; Nov. 7.
- Barber Manufacturing Co. (See Jones, Roy S., assignor.)
- Barber, Martin A. (See Brill, J. M., and Barber.)
- Barber, Martin A., Cleveland, Ohio, assignor to Consolidated Connector Patent Corporation, Wilmington, Del. Automatic train pipe connector head. 1,896,340; Feb. 7.
- Barber, Martin A., Cleveland, Ohio, assignor to Consolidated Connector Patent Corporation, Wilmington, Del. Apparatus for automatic train pipe connectors. 1,939,485; Dec. 12.
- Barber, Raleigh T., Tampa, Fla. Fruit basket or hamper. 1,931,423; Oct. 17.
- Barber, Sherman, Maywood, Ill. Chuck for nut tapping machines. 1,901,579; Mar. 14.
- Barber, William, Brooklyn, N. Y. Valve grinder. 1,908,946; May 16.
- Barber, William, Brooklyn, N. Y., assignor to Ada S. Barber, Extension top for automobiles. 1,912,355; June 6.
- Barber, William H., Ongaue, New Zealand. Seed distributor. 1,917,085; July 4.
- Barberis, Mario, and U. Baggi, Turin, assignors, by mesne assignments, to S. I. R. T. I. (Societa Italiana Reti Telefoniche Interurbane), Milan, Italy. Electric cable. 1,893,266; Jan. 3.
- Barbetti, James C., Vineland, N. J. Neckwear. 1,899,789; Feb. 28.
- Barbezat, Fritz, La Chaux de Fonds, assignor to the Firm Mader & Co., Chezard, Neuchatel, Switzerland. Automatic winding device for timepieces. 1,909,998; May 23.
- Barbier, Henri, Geneva, Switzerland, assignor to Givaudan-Delawanna, Inc., New York, N. Y. Allyl citrylidene acetone and preparation. 1,898,075; Feb. 21.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company. Paper cup and blank for making the same. Re13,809; May 2.
- Barbieri, Cesare, New York, N. Y., assignor to Vortex Cup Company, Chicago, Ill. Filling and capping machine. 1,931,246; Oct. 17.
- Barbieri, David, Garwood, N. J. Scatter load for shotgun shells. 1,941,336; Dec. 26.
- Barbiers, Ferdinand S., Lancaster, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Combined match and ash tray or similar article. Des. 89,563; Apr. 4.
- Barbiers, Ferdinand S., assignor to The Hocking Glass Company, Lancaster, Ohio. Tumbler. Des. 89,845; May 9.
- Barbiers, Ferdinand S., assignor to The Hocking Glass Company, Lancaster, Ohio. Tumbler. Des. 90,060; June 6.
- Barbour, Perley E. (See Barbour, Walter G., assignor.)
- Barbour, Ralph H., London, England. Induction controller. 1,897,415; Feb. 14.
- Barbour Stockwell Company. (See Scott, Ephraim J., assignor.)

- Barbour, Walter G., assignor to P. E. Barbour, Quincy, doing business as Barbour Weiting Company, Brockton, Mass. Making wetting. 1,903,498; Apr. 11.
- Barbour Weiting Company. (See Barbour, Walter G.)
- Barbulesco, Constantin D. (See Edwards, Paul S., assignor.)
- Barbulesco, Constantin D. (See Edwards, P. S., and Barbulesco.)
- Barbulesco, Constantin D., assignor to P. S. Edwards, Dayton, Ohio. Capacity controlled relay. 1,905,332; Apr. 25.
- Barbulesco, Constantin, D., and P. S. Edwards, Dayton, Ohio. Capacity controlled amplifier. 1,917,287; July 11.
- Barcalo, Edward J., assignor to Six-Way Corporation, Buffalo, N. Y. Pillow or similar article. Des. 90,747; Sept. 26.
- Barcalo, Edward J., assignor to Six-Way Corporation, Buffalo, N. Y. Pillow. 1,928,806; Oct. 3.
- Barcalo, Edward J., assignor to Six-Way Corporation, Buffalo, N. Y. Pillow and appliance therefor. 1,934,254; Nov. 7.
- Barcalo Manufacturing Company. (See Vallone, Charles, assignor.)
- Barcalo Manufacturing Company. (See Vallone, C., and Illig, assignors.)
- Barce, John O., Chicago, Ill. Shower bath cabinet. 1,928,924; Oct. 3.
- Barchard, Frank L., assignor of one-half to M. H. Susin, Chicago, Ill. Valve. 1,933,085; Oct. 31.
- Barclay, Earle H. (See Patrick, W. A., and Barclay.)
- Barclay, Earle H., assignor to The Silica Gel Corporation, Baltimore, Md. Preparing aluminum oxide gel. 1,929,942; Oct. 10.
- Barclay, Gustaf I., assignor to Detroit Steel Products Company, Detroit, Mich. Radiator support. 1,901,074; Mar. 14.
- Barclay, McClelland, New York, N. Y. Pedestal. Des. 89,331; Feb. 28.
- Barclay, McClelland, Los Angeles, Calif. Combined radiator, hood, fenders, and bumper for vehicles. Des. 90,804; July 18.
- Barclay, McClelland, Los Angeles, Calif. Combined automobile front fender and running board. Des. 90,521; Aug. 22.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Sign. 1,904,347; Apr. 18.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Making multibore tubes. 1,904,348; Apr. 18.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Control for discharge illumination. 1,926,423; Sept. 12.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Illuminating device. 1,937,137; Nov. 28.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Illumination. 1,937,138; Nov. 28.
- Barclay, Robert E., assignor to Federal Electric Company, Chicago, Ill. Sign. 1,937,139; Nov. 28.
- Barclay, Sidney F., Manchester, England, assignor to General Fire Extinguisher Company, Providence, R. I. Automatic sprinkler or fire extinguisher and other fire device. 1,905,676; Apr. 25.
- Barclay, Wright, New York, N. Y. Chair. 1,940,523; Dec. 19.
- Barco Manufacturing Co. (See Bard, Francis N., assignor.)
- Barco Manufacturing Co. (See McGuirk, Charles W., assignor.)
- Bard, Francis N. (See Marsh, Joseph R. C., assignor.)
- Bard, Francis N., Highland Park, Ill. Pipe coupling. 1,920,545; Aug. 1.
- Bard, Francis N., Highland Park, Ill. Pipe joint. 1,928,279; Sept. 26.
- Bard, Francis N., Highland Park, assignor to Barco Manufacturing Co., Chicago, Ill. Hose coupler. 1,899,842; Feb. 28.
- Bard, Francis N., Highland Park, Ill., assignor to Walworth Patents Inc., Boston, Mass. Lubricated plug valves. 1,911,344; May 30.
- Bard, Francis N., Highland Park, assignor to Barco Manufacturing Co., Chicago, Ill. Flexible joint. 1,911,938; May 30.
- Bard, Francis N., Highland Park, Ill., assignor to Walworth Patents Inc., Boston, Mass. Check valve. 1,931,918; Oct. 24.
- Barden, Earl M. (See Murphy, E. B., Benoit, and Barden.)
- Barden, Earl M., and F. A. Benoit, assignors to Packard Motor Car Company, Detroit, Mich. Striping instrument. 1,907,708; May 9.
- Barden, William S. (See Beers, G. L., and Barden.)
- Barden, William S., Stapleton, N. Y., assignor to Radio Corporation of America. Crystal rejector circuit. 1,904,605; Apr. 18.
- Barden, William S., Stapleton, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 1,912,059; May 30.
- Barder, Byron R., assignor to The Biggs Boiler Works Company, Akron, Ohio. Pipe joint and making same. 1,904,967; Apr. 18.
- Barder, Earl H., and C. W. Leguillon, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building apparatus. 1,915,147; June 20.
- Barder, Earl H., and C. W. Leguillon, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building method. 1,925,894; Sept. 5.
- Bardocz, George, assignor of one-fourth to Alex Baranyai, Detroit, Mich. Game apparatus. 1,933,406; Oct. 31.
- Bardon, Donis M., Seattle, Wash. Fish lure. 1,938,653; Dec. 12.
- Bardon, Donis M., F. G. Greaves, and S. P. Watt, Seattle, Wash., assignors to Bardon-Greaves Co., Incorporated. Trolling winch. 1,924,391; Aug. 29.
- Bardon-Greaves Co. (See Bardon, D. M., Greaves, and Watt, assignors.)
- Bardons & Oliver. (See Kylin, Oskar.)
- Bardos, Stephen, assignor to J. and J. Cash, Incorporated, South Norwalk, Conn. Strip label. 1,927,766; Sept. 19.
- Bardwell, Joseph. (See Prouty, H. G., and Bardwell.)
- Bardwell, Martin W., Syracuse, N. Y. Portable power-driven wrench. 1,927,333; Sept. 19.
- Bareiss, Julius, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Stop releasing arm for thread carrier rods. 1,940,237; Dec. 19.
- Bareiss, Mina, West Springfield, Mass. Clothes hanger. 1,915,968; June 27.
- Barel, Pietro, San Francisco, Calif. Grape crusher and stem separator. 1,929,671; Oct. 10.
- Barényi, Arpad, Berlin-Leichterfelde, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Brunswick Germany. Photographic camera. 1,927,884; Sept. 26.
- Bares, Rudolph, and A. C. Wood, assignors to Vortex Cup Company, Chicago, Ill. Councer for cup machines. 1,923,061; Aug. 22.
- Barge Electric Shoe Cement Press, Inc. (See Barge, George H., assignor.)
- Barge, George H., Brooklyn, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe bottom attaching apparatus. 1,901,546; Mar. 14.
- Bargeen, Howard S. (See Lease, Edward F., assignor.)
- Barger, Paul, Greenfield, Mass. Wick. 1,901,834; Mar. 14.
- Barhoff, Fred W., jr. (See Barhoff, Fred W. and F. W., jr.)
- Barhoff, Fred W. and F. W., jr., assignors to The Bunsen Oil Burner Corporation, Hartford, Conn. Oil burner. 1,910,585; May 23.
- Barieau, Jerome E., Auburn, Calif. Combination luggage and ski rack. 1,932,951; Oct. 31.
- Barile, Michael. (See Sabatine, Fred D., assignor.)
- Bariquand, Georges. (See Constensoux, Robert, assignor.)
- Baritone Radio Corporation. (See Macy, Alfred J., assignor.)
- Barium Reduction Corporation. (See Pierce, James B., jr., assignor.)
- Bark, Walter, Annaburg, Germany. Tree-planer for cutting or working out resin-passages in trees. 1,901,946; Mar. 21.
- Barkan, Irving, Philadelphia, Pa. Toothbrush. 1,903,161; Mar. 28.
- Barkan, Irving, Philadelphia, Pa. Nipple. 1,904,710; Apr. 18.
- Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 1,899,130; Feb. 28.
- Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 1,911,874; May 30.
- Barkeij, Jean A. H., Los Angeles, Calif. Crank-shaft lubrication. 1,923,808; Aug. 22.
- Barkeij, Jean A. H., Los Angeles, Calif., assignor to G. C. Arvedson, New York, N. Y. Multicylinder internal combustion engine. 1,923,018; Aug. 15.
- Barkelew Electric Manufacturing Company, The. (See Denny, Mark E., assignor.)
- Barkelew, James T. (See Howatt, Douglas D., assignor.)
- Barkelew, James T., Pasadena, Calif., assignor to Paramount Public Corporation, New York, N. Y. Film developing system. 1,907,315; May 2.
- Barker, Aldred F., Leeds, England, assignor to Robert Vicars, Sydney, Australia. Hand mechanical fleece deburring machine. 1,921,064; Aug. 8.
- Barker, Charles A., Highland Park, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insulated electrical conduit. 1,914,097; June 13.
- Barker, Charles P., Glencoe, assignor to Container Corporation of America, Chicago, Ill. Drier. 1,924,100; Aug. 29.
- Barker Edwin H., Moylan, assignor to A. H. Wirz, Inc., Chester, Pa. Process and machine for threading the necks of tubes. 1,934,292; Nov. 7.
- Barker, Eugene. (See Speck, W. C., and Barker.)
- Barker, George A., Rochester, N. Y. Lubricator. 1,916,248; July 4.
- Barker, Guy S., London, England. Pocket lighter. 1,894,300; Jan. 17.
- Barker Harry J., Chicago, Ill. Chick fount and feeder. 1,922,612; Aug. 15.
- Barker, Howard F., assignor to Remington Rand Inc., Buffalo, N. Y. Index system. 1,929,333; Oct. 3.
- Barker, John O., assignor to Sweets Laboratories, Inc., New York, N. Y. Manufacture of chewing gum base. 1,930,436; Oct. 10.
- Barker, Lewis W., Clinton, Iowa. Dual service mail crane. 1,937,398; Nov. 28.
- Barker, Maurice E., Edgewood Arsenal, Md. Producing activated charcoal from charcoal fines. 1,902,986; Mar. 28.
- Barker, Maurice E., Edgewood, Md. Catalyst for oxidizing carbon monoxide in exhaust gases. 1,903,803; Apr. 18.
- Barker, Maurice E., U. S. Army, Cambridge, Mass. Catalyst. 1,916,249; July 4.

- Barker, Maurice E., Edgewood, Md. Catalyt. 1,936,563; Nov. 21.
- Barker, Maurice E., Edgewood, Md. Preparing catalysts. 1,936,564; Nov. 21.
- Barker, Maurice E., Edgewood, Md. Catalyst and method of preparation. 1,936,565; Nov. 21.
- Barker, Maurice E., Edgewood, Md. Preparation of charcoal from coal. 1,933,579; Nov. 7.
- Barker, Norman M. (See Edwards, F. W., and Barker.)
- Barker, Percy E., Shaker Heights, assignor to The Cinderella Washing Machine Company, Cleveland, Ohio. Combination washing machine and extractor. 1,899,005; Feb. 28.
- Barker, Percy E., Towson, Md., assignor to The Cinderella Washing Machine Company, Cleveland, Ohio. Agitator for washing machines. 1,917,867; July 11.
- Barker, Ralph H., Derry, N. H. Shoe-sole skiving machine. 1,900,786; Mar. 7.
- Barker, Ward T., assignor to B. P. Lientz Manufacturing Company, Kansas City, Mo. Furnace. 1,915,397; June 27.
- Barker, William T., jr., assignor to Hartford-Empire Company, Hartford, Conn. Heat control for working end of tanks. 1,913,302; June 6.
- Barker, William T., jr., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Timing device. 1,921,380; Aug. 8.
- Barkey, Isaac H., Brooklyn, assignor to General Talking Pictures Corporation, New York, N. Y. Method of and apparatus for eliminating undesirable light fluctuations. 1,926,832; Sept. 12.
- Barkham, Joseph W., Glen Ellyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 1,925,997; Sept. 5.
- Barkley, C. L., & Co. (See Barkley, Peyton H., assignor.)
- Barkley, Fred W., Winthrop, Mass. Paper-feeding machine. 1,929,766; Oct. 10.
- Barkley, Howard F., Great Barrington, Mass. Electrical tube. 1,897,880; Feb. 14.
- Barkley, Peyton H., assignor to C. L. Barkley & Co., Chicago, Ill. Loose leaf fastener. 1,917,569; July 11.
- Barks, Charles O., Birmingham, Ala. Blast furnace charging top. 1,936,374; Nov. 21.
- Barks, Frank S., St. Louis, Mo. Coupling. 1,900,902; Mar. 14.
- Barks, Frank S., St. Louis, Mo. Dispensing apparatus. 1,902,750; Mar. 21.
- Barks, Frank S., St. Louis, Mo. Lubricating apparatus. 1,930,222; Oct. 10.
- Barks, Frank S., St. Louis, Mo. Lubricating apparatus. 1,939,943; Dec. 19.
- Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 1,893,464; Jan. 3.
- Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Fitting. 1,916,185; June 27.
- Barks, Frank S., St. Louis, and W. Z. Linders, Ferguson, assignors to Lincoln Engineering Company, St. Louis, Mo. Dispensing apparatus. 1,916,184; June 27.
- Barks, Frank S., and F. Holmes, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 1,935,139; Nov. 14.
- Barksdale, Irving S., Greenville, S. C. Bactericide and making same. 1,893,997; Jan. 10.
- Barley, Harry, San Francisco, Calif. Combined gas and oil burner. 1,931,478; Oct. 24.
- Barley, J. W. (See Payne, Walter F., assignor.)
- Barliak, Joseph F. (See King, W. S., Barliak, and Harris.)
- Barling, Frank D., Linden, Calif. Conveyor stairs. 1,820,457; Aug. 1.
- Barlo Engineering Co. Inc. (See Oskow, Louis, assignor.)
- Barlow, Arthur E. (See Peebles, D. D., and Barlow.)
- Barlow, Samuel, Sydney, New South Wales, Australia. Visible record card holder. 1,904,349; Apr. 18.
- Barlow, William N., Yonkers, N. Y. Sound correction in an electric circuit. 1,901,429; Mar. 14.
- Barmakian, Krikor. (See Barmakian, Napoleon, assignor.)
- Barmakian, Napoleon, Boston, assignor to K. Barmakian Oak Bluffs, Mass. Machine for making bread or crackers. 1,911,786; May 30.
- Barmer Maschinenfabrik A.-G. (See Bochmann, O., and Lenk, assignors.)
- Barmer Maschinenfabrik Aktiengesellschaft. (See Lenk, Wilhelm, assignor.)
- Barmer Maschinenfabrik Aktiengesellschaft. (See Weider, Adam, assignor.)
- Barmer Maschinenfabrik A.-G. (See Zinselmeyer, Walter, assignor.)
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke G. m. b. H. Wetzlar, Germany. Enlargement camera. 1,930,431; Oct. 10.
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke G. m. b. H. Wetzlar, Germany. Distance meter for photographic purposes. 1,930,432; Oct. 10.
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke, Wetzlar, Germany. Coupling between objective adjustment and distance gage in cameras. 1,931,313; Oct. 17.
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke, G. m. b. H., Wetzlar, Germany. Adjusting device for photographic objectives. 1,935,430; Nov. 14.
- Barnack, Oskar, assignor to Ernst Leitz Optische Werke, G. m. b. H., Wetzlar, Germany. Photographic device. 1,936,322; Nov. 21.
- Barnard, Alfred W. A., and H. Adin, Foxton, assignors of one-half to R. W. Priest, and F. Cumming, Broadway, Palmerston North, New Zealand. Regulating the flow of liquid from containers. 1,893,978; Jan. 10.
- Barnard, Arthur W., Sarasota, Fla., assignor to Colonial Scale Company, Boston, Mass. Coin intercepting mechanism for coin operated machines. 1,937,500; Dec. 5.
- Barnard, Dean S., Hinsdale, Ill., assignor to The Rome Company, Inc. Spring connecting means. 1,925,066; Aug. 29.
- Barnard, Ellsworth J., Cohoes, N. Y. Brief case. 1,940,900; Dec. 26.
- Barnard, Ray D., assignor of one-half to A. F. Bratrud, Minneapolis, Minn. Machine for dispensing lighted cigarettes. 1,914,064; June 13.
- Barnay, Antoine, Paris, France, assignor to Associated Electric Laboratories Inc., Chicago, Ill. Telephone system. 1,909,087; May 16.
- Barnes, Alvin P., Minneapolis, assignor of one-third to H. W. Gehr, Anoka, one-third to I. H. Barnes, and one-third to E. C. Friel, Minneapolis, Minn. Fruit holder. 1,919,765; July 25.
- Barnes, Alvin P., Minneapolis, assignor, by mesne assignments, of one-third to H. W. Gehr, Anoka, one-third to I. H. Barnes, and one-third to E. C. Friel, Minneapolis, Minn. Fruit cutting machine. 1,924,392; Aug. 29.
- Barnes, Brien F., Hartford, Conn. Sink cleaning utensil. 1,903,277; Apr. 4.
- Barnes Corning Company. (See Walker, Cass T., assignor.)
- Barnes Drill Company. (See Fairbairn, Walter M., assignor.)
- Barnes Drill Company. (See Fairbairn, W. M., and Hanna, assignors.)
- Barnes Drill Company. (See Johnson, Albert M., assignor.)
- Barnes Drill Company. (See Johnson, A. M., and Fairbairn, assignors.)
- Barnes, Edward J., Sawston, assignor to Spicers Limited, London, England. Film casting machine. 1,894,845; Jan. 17.
- Barnes, Frank J., St. Louis, Mo. Stiffener pin for soft collars. 1,902,153; Mar. 21.
- Barnes, Frederick J., Bellmore, N. Y. Weather window for automobiles. 1,930,739; Oct. 17.
- Barnes, Garrett H., jr., Silver Lake, assignor to The Good-year Tire & Rubber Company, Akron, Ohio. Making hose. 1,913,327; June 6.
- Barnes, George L., and H. D. Chapman, Los Angeles, Calif., said Chapman assignor to said Barnes. Ground connector. 1,900,894; Mar. 14.
- Barnes, Gladeon M., Hastings, Mich. Muzzle brake and gas collector. 1,901,138; Mar. 14.
- Barnes, Gladeon M., U. S. Army, Hastings, Mich., and T. H. Nixon, U. S. Army, Gettysburg, Pa. Endless track for vehicles. 1,931,522; Oct. 24.
- Barnes, Isabell H., et al. (See Barnes, Alvin P., assignor.)
- Barnes, Jacob C., assignor to P-G Publishing Company, Pittsburgh, Pa. Supply mechanism. 1,924,731; Aug. 29.
- Barnes, John A., Chappaqua, assignor to The Superheater Company, New York, N. Y. Superheater boiler. 1,896,275; Feb. 7.
- Barnes, John J. (See Parr, W. V., Love, and Barnes.)
- Barnes, John S., White Plains, assignor, by mesne assignments, to The Borden Company, New York, N. Y. Air cleaning. 1,898,807; Feb. 21.
- Barnes & Jones, Incorporated. (See Fernald, Charles F., assignor.)
- Barnes & Jones, Incorporated. (See Jones, William T., assignor.)
- Barnes, Joseph H., assignor of one-third to Delaware Rayon Company, and one-third to L. H. Ryan, New Castle, Del. Cone winding apparatus. 1,920,836; Aug. 1.
- Barnes, Leslie W. (See Bunnell, E. C., and Barnes.)
- Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 1,908,103; May 9.
- Barnes, Ronald S., Grangemouth, Duncan Service, Falkirk, and J. Thomas, Polmont, Scotland, assignors to Scottish Dyes Limited. Coloring. 1,895,019; Jan. 24.
- Barnes, Ronald S., J. E. G. Harris, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Production of sulphuric anhydride compounds of pyridine. 1,921,497; Aug. 8.
- Barnes, Ronald S., J. E. G. Harris, B. Wylam, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Dyes of the pyranthrone series. 1,929,912; Oct. 10.
- Barnes, Ronald S., J. E. G. Harris, B. Wylam, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Preparing anhydrous leuco vat dyestuffs. 1,930,409; Oct. 10.
- Barnes, Samuel W., Jackson, Mich. Tobacco-pipe cleaner. 1,898,708; Feb. 21.
- Barnes Scale Company. (See Winkler, Herman G., assignor.)
- Barnes, Spencer L., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. Des. 89,737; Mar. 2.
- Barnes, Stuart C., et al. (See Carpenter, Thomas E.)

- Barnes, Thomas D., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company. Watthour meter. 1,925,859; Sept. 5.
- Barnes, Thomas D., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electrical instrument. 1,925,860; Sept. 5.
- Barnes, Thomas E., Utica, N. Y. Card for holding buttons. 1,939,642; Dec. 19.
- Barnes, Uriah L., San Diego, Calif. Water filtering apparatus. 1,918,446; July 18.
- Barnes, Wilfred, jr., Glenolden, Pa. Hose rack. 1,903,085; Mar. 28.
- Barnes, William B., Auburn, Ind. Clutch. 1,915,643; June 27.
- Barnes, William O., Worcester, Mass. Radio amplifying circuit. 1,940,991; Dec. 26.
- Barnett, Charles A., Cleveland Heights, and H. W. Steindorf, assignors to The Foundry Equipment Company, Cleveland, Ohio. Vertical conveyer oven. 1,934,904; Nov. 14.
- Barnett, Charles and W. Mill Green, Hatfield, Herts, England. Manufacture of brooms and brushes. 1,928,990; Oct. 3.
- Barnett, Joseph N. (See Spagnola, Endimo and V., assignors.)
- Barnett, Louis, Brooklyn, N. Y. Supporting device for electric outlet boxes. 1,910,231; May 23.
- Barnett, Louis, New York, N. Y. Identification device or marker for cooperating with snap fasteners. 1,912,881; June 6.
- Barnett, Louis, Brooklyn, N. Y. Accessories for electric fittings. 1,921,447; Aug. 8.
- Barnett, Louis, Brooklyn, N. Y. Portable series electrical lighting outfit. 1,922,022; Aug. 15.
- Barnett, Louis, Brooklyn, N. Y. Electrical device. 1,924,902; Aug. 29.
- Barnett, William. (See Barnett, Charles and W.)
- Barney, Clayton W., Clinton, Wash. Poultry house. 1,920,051; July 25.
- Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,900,088; Mar. 7.
- Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,923,771; Aug. 22.
- Barney, Freeman. (See Lee, J. E., and Barney.)
- Barney, Freeman. (See Lee, J. E., Barney, and Beatty.)
- Barney, Freeman, assignor to Challenge Machinery Company, Grand Haven, Mich. Paper cutter. 1,895,440; Jan. 31.
- Barnhart, George, Salem, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur black and preparation of the same. 1,898,076; Feb. 21.
- Barnhart, George, Salem, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Black sulphur color and making the same. 1,909,162; May 16.
- Barnhart, George E., New Brighton, and H. E. Praff, Warren, assignors to J. M. Guthrie and W. B. Wharton, trustees, Pittsburgh, Pa. Cementitious composition. 1,901,890; Mar. 21.
- Barnhill, William T., Portland, Oreg. Coupler. 1,932,436; Oct. 31.
- Barnisell, Walter B., Los Angeles, Calif. Straining and pulp making machine. 1,903,527; Apr. 11.
- Barnholdt, Harold L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rotor construction. 1,901,280; Mar. 14.
- Barns, Frederick B. (See Laboon, J. F., and Barns.)
- Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Electric range. Des. 89,251; Feb. 14.
- Barnum, Dana D., Boston, Mass. Automatic gas cut-off valve. 1,909,745; May 16.
- Barnum, Leslie F., Detroit, Mich. Paper reed. 1,912,121; May 30.
- Barnum, Marvin C. (See Fonseca, E. L., Hunt, and Barnum.)
- Barnum, William W., Niagara Falls, N. Y. Heat exchanger. 1,937,804; Dec. 5.
- Baron, Charles S., Tiffin, Ohio. Covered container and sealing closure therefor. 1,899,921; Mar. 7.
- Baron, Charles S., Tiffin, Ohio. Container and in sealing closure therefor. 1,905,628; Apr. 25.
- Baron Cigarette Machinery Company Limited, The. (See Cole, William, assignor.)
- Barone, Ralph, Newark, N. J. Ornamenting tool. 1,923,250; Aug. 22.
- Barone, Salvatore A., Lakewood, Ohio, assignor to Wired Radio, Inc., New York, N. Y. Hum elimination system. 1,894,656; Jan. 17.
- Baroni, Sante, Philadelphia, Pa. Measuring device. 1,901,719; Mar. 14.
- Barostat Company. (See Coffin, J. R., and Tigges, assignors.)
- Barr, Archibald, Anniesland, Glasgow, assignor to Barr and Stroud Limited, Glasgow, Scotland. Topographical stereoscope. 1,894,148; Jan. 10.
- Barr, Clarence D., Stephen D. Moxley, and F. S. Houghton, Birmingham, Ala., assignors to Sand Spun Patents Corporation, Wilmington, Del. Charging machine. 1,906,511; May 2.
- Barr, Clarence D., and S. D. Moxley, Birmingham, Ala., assignors to Sand Spun Patents Corporation, New York, N. Y. Centrifugal casting machine. 1,916,296; July 4.
- Barr, James A., Mountpleasant, Tenn., assignor to International Agricultural Corporation, New York, N. Y. Process and apparatus for removing solids from liquids. 1,917,819; July 11.
- Barr, John H., assignor to Barr-Morse Corporation, Ithaca, N. Y. Typewriter. 1,920,777; Aug. 1.
- Barr, John M., assignor to The Louis Allis Company, Milwaukee, Wis. Thermal controller. 1,930,638; Oct. 17.
- Barr-Morse Corporation. (See Barr, John H., assignor.)
- Barr, Nelt, and R. J. Dorn, assignor to The Barr Rubber Products Company, Sandusky, Ohio. Coloring flexible articles. 1,911,176; May 30.
- Barr, Nelt, and R. J. Dorn, assignors to The Barr Rubber Products Company, Sandusky, Ohio. Device for use in coloring flexible articles. 1,938,169; Dec. 5.
- Barr, Rowland W., Coya Norte, via Tocopilla, Chile, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Controlling electric motors. 1,934,744; Nov. 14.
- Barr Rubber Products Company, The. (See Barr, N. and Dorn, assignors.)
- Barr Rubber Products Company, The. (See Morton, C. W., and Dorn.)
- Barr and Stroud Limited. (See Barr, Archibald, assignor.)
- Barr, Walter A., Fort Wayne, Ind., assignor to Western Gas Construction Company. Flow control apparatus. 1,923,655; Aug. 22.
- Barr, Walter A., Fort Wayne, Ind., assignor to The Western Gas Construction Company. Flow control apparatus. 1,928,086; Sept. 26.
- Barraclough, George H., Shipley, near Bradford, England. Collapsible stairway or the like. 1,898,520; Feb. 21.
- Barraclough, Samuel M. (See Goode, I. J., Barraclough, and Schmidt.)
- Barradas, Matthew G., San Leandro, Calif., assignor to The Best Foods, Inc., New York, N. Y. Treating oil. 1,928,613; Oct. 3.
- Barrere, John P., Nyack, N. Y. Cleaning device for waste or drain pipes. 1,893,979; Jan. 10.
- Barrett, Arthur E. (See Kirke, H. L., Howe, and Barrett.)
- Barrett, Arthur M., and L. N. Udell, Chicago, Ill. Method of and apparatus for making chip ice. 1,936,575; Nov. 28.
- Barrett, Charles A., Larchmont, N. Y. Decorating articles of hosiery. 1,906,512; May 2.
- Barrett, Charles D., Altoona, Pa. Locomotive smoke box. 1,913,530; June 13.
- Barrett, Charles E., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Loom for weaving tufted fabric and weaving. 1,904,939; Apr. 13.
- Barrett, Charles E., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Coating machine. 1,909,482; May 16.
- Barrett Company, The. (See Atwater, Christopher G., assignor.)
- Barrett Company, The. (See Bailey, Henry H., assignor.)
- Barrett Company, The. (See Banta, Clifford, assignor.)
- Barrett Company, The. (See Braun, Charles E., assignor.)
- Barrett Company, The. (See Craver, Augustus E., assignor.)
- Barrett Company, The. (See Eckert, Clarence R., assignor.)
- Barrett Company, The. (See Ellms, Edward H., assignor.)
- Barrett Company, The. (See Forrest, Laurence R., assignor.)
- Barrett Company, The. (See Hamlin, Marston L., assignor.)
- Barrett Company, The. (See Harshberger, Norman P., assignor.)
- Barrett Company, The. (See Harvey, Edward W., assignor.)
- Barrett Company, The. (See Hess, Raymond W., assignor.)
- Barrett Company, The. (See Hess, R. W., and Leaper, assignors.)
- Barrett Company, The. (See Long, Leonard F., assignor.)
- Barrett Company, The. (See McCloskey, Gregory E., assignor.)
- Barrett Company, The. (See Miller, Stuart, assignor.)
- Barrett Company, The. (See Miller, Stuart P., assignor.)
- Barrett Company, The. (See Mortimer, Charles W., assignor.)
- Barrett Company, The. (See Moses, F. G., and Canavan, assignors.)
- Barrett Company, The. (See Moses, F. G., Hess, and Perkins, assignors.)
- Barrett Company, The. (See Osborne, Fred, assignor.)
- Barrett Company, The. (See Radasch, Arthur H., assignor.)
- Barrett & Company. (See Robinson, Karl D., assignor.)
- Barrett Company, The. (See Stebbins, John D., assignor.)
- Barrett Company, The. (See Stern, Albert G., assignor.)
- Barrett Company, The. (See Woodcock, J. C., and Paffen, assignors.)
- Barrett Company, The. (See Yeager, Frank W., assignor.)
- Barrett Company, The. (See Zaverchnik, J., and MacCubbin, assignors.)
- Barrett-Cravens Company. (See Fernstrom, John O., assignor.)
- Barrett, Dwight O., Tulsa, Okla. Post bearing support. 1,912,246; May 30.

- Barrett, Edward L., assignor to Utah Radio Products Co., Chicago, Ill. Motor actuated circuit controlling means. 1,924,082; Aug. 22.
- Barrett, Edward L., assignor to Utah Radio Products Co., Chicago, Ill. Remote control device for radio receiving apparatus. 1,926,256; Sept. 12.
- Barrett, Edward R., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich. Vertical telescopic hoist. 1,925,296; Sept. 5.
- Barrett, Edwin W., Readville, assignor to Draper Corporation, Hopedale, Mass. Filling feeler for looms. 1,932,129; Oct. 24.
- Barrett, Frederick W. (See Brassert, H. A., Barrett, and Grilli.)
- Barrett, George J., et al. (See Dodds, Redus D., assignor.)
- Barrett, Glenn J., Grand Rapids, Mich., assignor to Portable Adding Machine Company, New York, N. Y. Printing mechanism for listing adding machines. 1,906,304; May 2.
- Barrett, Glenn J., Grand Rapids, Mich., assignor to Portable Adding Machine Company, New York, N. Y. Totaling device for adding machines. 1,925,089; Sept. 5.
- Barrett, Glenn J., Grand Rapids, Mich., assignor to Portable Adding Machine Company, Chicago, Ill. Total key unlocking means for adding machines. 1,935,609; Nov. 21.
- Barrett, Harold G., Wilmette, Ill. End cap for golf club grips. 1,931,424; Oct. 17.
- Barrett, Harold G., Wilmette, Ill. End cap for golf club grips. 1,931,425; Oct. 17.
- Barrett, Harold G., Wilmette, assignor to Pyratone Products Corporation, Chicago, Ill. Golf club. 1,905,406; Apr. 25.
- Barrett, Harold G., Wilmette, assignor to Pyratone Products Corporation, Chicago, Ill. Heating and stretching tubes over shafts. 1,918,171; July 11.
- Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified castor oils and coating compositions containing the same. 1,933,697; Nov. 7.
- Barrett, Harold J., Wilmington, and E. F. Izard, Elmsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Protective agent for meta styrene. 1,896,504; Feb. 7.
- Barrett, Harry B., Los Angeles, Calif. Brake shoe lining assembling tool. 1,926,022; Sept. 12.
- Barrett, Harvey N., Tiffin, assignor to Dolomite, Inc., Cleveland, Ohio. Refined magnesite product from mineral sources of magnesite and making same. 1,893,047; Jan. 3.
- Barrett, Herbert J. R., Los Angeles, Calif. Wall construction. 1,937,186; Nov. 28.
- Barrett, James H., Two Rivers, assignor to Eastman Mfg. Co., Manitowoc, Wis. Swiveling hose union. 1,930,833; Oct. 17.
- Barrett, James H., and J. Keenan, Kingston, Ontario, Canada. Crank case heater. 1,897,995; Feb. 21.
- Barrett, John L., assignor to Bohn Aluminum and Brass Corporation, Detroit, Mich. Display carrier and holder. 1,915,116; June 20.
- Barrett, Joseph E., Company, The. (See McKenny, Charles A., assignor.)
- Barrett, Joseph J., assignor to The Magnavox Company, Fort Wayne, Ind. Electrolytic condenser. 1,930,578; Oct. 17.
- Barrett, Joseph M., Cleveland, Ohio. Curtain fixture. 1,895,780; Jan. 31.
- Barrett, Joseph M., Cleveland Heights, assignor to Bailey Meter Company, Cleveland, Ohio. Master control system. 1,918,891; July 18.
- Barrett, Joseph M., Cleveland Heights, assignor to Bailey Meter Company, Cleveland, Ohio. Feed water regulator. 1,921,498; Aug. 8.
- Barrett, Joseph M., Fostoria, assignor to The Swartout Company, Cleveland, Ohio. Heater control. 1,894,437; Jan. 17.
- Barrett, Joseph M., Cleveland, and G. M. Fritze, Orville, assignors to The Swartout Company, Cleveland, Ohio. Desuperheater. 1,894,391; Jan. 17.
- Barrett, Leon J., and N. F. Holter, Worcester, Mass., said Holter assignor to said L. J. Barrett. Cover locking device for centrifugal machines. 1,930,706; Oct. 17.
- Barrett, Ray W., Torrance, Calif. Antifriction equalizing bearing. 1,905,333; Apr. 25.
- Barrett, Robert D., New York, N. Y. Book end. Des. 90,432; Aug. 8.
- Barrett, Robert D., New York, N. Y. Cyclometer clock case. Des. 90,935; Oct. 31.
- Barriball, Robert G., Cleveland, Ohio. Apparatus for making concrete fireplaces. 1,937,806; Nov. 28.
- Barrick, John R., et al. (See Turman, Joe B., assignor.)
- Barringer, Elmer D., Cleveland, Ohio. Window construction. Re18,926; Aug. 29.
- Barringer, Elmer D., Cleveland, Ohio. Threshold. 1,908,623; May 9.
- Barringer, Elmer D., Cleveland, Ohio. Weather strip. 1,912,173; May 30.
- Barringer, Lawrence B., Schenectady, N. Y., assignor to General Electric Company. Electrical arc resistant material. 1,915,969; June 27.
- Barringer, Leonidas H., Charleston, W. Va. Football game. 1,923,607; Aug. 22.
- Barrington, Arthur H., et al. (See Foss, Leland L., assignor.)
- Barrington, Frederick H., assignor to Moloney Electric Company, St. Louis, Mo. Ratio adjuster or tap changer. 1,895,306; Jan. 24.
- Barron, Albert M., Philadelphia, Pa. Adjustable base for pole vaulting standards. 1,928,280; Sept. 26.
- Barron, Earl T., and E. L. Garthwaite, Sacramento, assignors to J. C. Kortick, San Francisco, Calif. Garden tool. 1,913,786; June 13.
- Barron, Erie E., and S. R. Lamesa, Tex. Seeder attachment for tractors. 1,918,172; July 11.
- Barron-Gray Packing Company. (See Erickson, Arvid M., assignor.)
- Barron, Spencer R. (See Barron, Erie E. and S. R.)
- Barrow, Benjamin D., Detroit, Mich. Cooling cap. 1,907,709; May 9.
- Barrowman, Arthur H., Attleboro, Mass. Spacing tool. 1,912,027; May 30.
- Barrows, Alford C. (See Langford, G. W., and Barrows.)
- Barrows, Alford C., and F. A. Mickle, assignor to Economy Baler Company, Ann Arbor, Mich. High density compress. 1,910,276; May 23.
- Barrows, Donald B., assignor to Necto Yeast Corporation, Richmond, Va. Bottle. Des. 90,830; Oct. 10.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,902,299; Mar. 21.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging backstop. 1,902,300; Mar. 21.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Journal Box. 1,914,475; June 20.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,923,045; Aug. 15.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,923,046; Aug. 15.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,925,993; Sept. 5.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,929,943; Oct. 10.
- Barrows, Donald S., Rochester, assignor to The Gould Coupler Company, New York, N. Y. Railway draft gear. 1,930,849; Oct. 17.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Striking casting. 1,931,479; Oct. 24.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Cushioning mechanism. 1,931,480; Oct. 24.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,931,523; Oct. 24.
- Barrows, Donald S., Rochester, assignor to The Gould Coupler Company, New York, N. Y. Cushioning mechanism. 1,932,811; Oct. 31.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,934,030; Nov. 7.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,935,466; Nov. 14.
- Barrows, Donald S., Rochester, assignor to The Gould Coupler Company, New York, N. Y. Railway truck. 1,936,343; Nov. 21.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Cushioning mechanism. 1,939,381; Dec. 12.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Cushioning mechanism. 1,939,652; Dec. 19.
- Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,940,238; Dec. 19.
- Barrows, Ransom J., Jamestown, N. Y. Spinal appliance. 1,924,016; Aug. 22.
- Barrus, George L., Goshen, Mass. Snow fence. 1,906,442; May 2.
- Barry, Cornelius J., Chicago, Ill. Bumper attachment. 1,896,277; Feb. 7.
- Barry, Cornelius J., Chicago, Ill. Automobile bumper attachment. 1,936,421; Nov. 21.
- Barry, Edward H., Dobbs Ferry, N. Y., and C. J. McCarthy, Bridgeport, Conn. Device for improving the circulation of water tube boilers. 1,940,070; Dec. 19.
- Barry, Maurice, Chelsea, Mass. Sole cementing attachment for beating-out machines. 1,932,437; Oct. 31.
- Barry, Walter F., Newark, N. J., assignor to The S. S. White Dental Manufacturing Company. Surgical chisel holding and driving implement. 1,934,962; Nov. 14.
- Barry-Wehmiller Machinery Company. (See Herold, J. L., and Dawson, assignors.)
- Barschow, George H., assignor to The American-National Company, Toledo, Ohio. Child's vehicle. 1,928,807; Oct. 3.
- Barsha, Henry F., Los Angeles, Calif. Dental appliance. 1,910,740; May 23.
- Barsky, George, assignor to American Cyanamid Company, New York, N. Y. Producing acetic acid. 1,934,161; Nov. 7.

- Barsky, George, New York, N. Y., and H. P. Wohnsiedler, Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Urea-acetaldehyde-formaldehyde resin and making same. 1,896,276; Feb. 7.
- Barsky, Julius, Chicago, Ill., assignor to The J. B. Ford Company, Wyandotte, Mich. Detergent dispenser for washing machines. 1,911,125; Dec. 26.
- Barstow, Edwin O., assignor to Dow Chemical Company, Midland, Mich. Protecting magnesium and its alloys at elevated temperatures. 1,898,969; Feb. 21.
- Barstow, Edwin O., assignor to The Dow Chemical Company, Midland, Mich. Production of light metals, such as magnesium. 1,900,220; Mar. 7.
- Barstow, Edwin O., and S. B. Heath, assignors to The Dow Chemical Company, Midland, Mich. Preparation of strong hydrogen halide gas. 1,897,996; Feb. 21.
- Barstow, Edwin O., and S. B. Heath, Midland, assignors to The Dow Chemical Company, Midland, Mich. Apparatus for contacting solid and gaseous materials. 1,905,883; Apr. 25.
- Barstow, Edwin O., and J. A. Gann, assignors to The Dow Chemical Company, Midland, Mich. Purifying magnesium. 1,940,618; Dec. 19.
- Barstow, Edwin O., J. A. Gann, and J. E. Hoy, assignors to The Dow Chemical Company, Midland, Mich. Processing magnesium. 1,940,619; Dec. 19.
- Barstow, Ormond E. (See Heath, S. B. and Barstow.)
- Barstow, Ormond E. (See Heath, S. B., Cannon, and Barstow.)
- Bartel, Karl G., Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Machine for boxing matches. 1,928,195; Sept. 26.
- Bartels, Ernst, Bandoeng, Java, Dutch East Indies. Leaf turner. 1,903,727; Apr. 11.
- Bartels, Frederick B., San Leandro, Calif. Can exhauster. 1,915,482; June 27.
- Bartels, Henry et al. (See Abbott, Scott M., assignor.)
- Bartels, Reinhard B., Marblehead, and O. H. L. Thelen, Lynn, Mass. Shoe shank stiffener. 1,917,485; July 11.
- Bartels, William, New York, N. Y. Boring tool. 1,931,882; Oct. 24.
- Barth, Charles D. (See Kell, R. W., and Barth.)
- Barth, Sidney E. (See Magidson, Joseph and H., and Barth.)
- Barth, Sidney E., and H. Magidson, assignors of one-third to Joseph Magidson, New York, N. Y. Alternating windshield. 1,909,741; May 16.
- Barth, Theodore H., assignor to Carl L. Norden, Inc., New York, N. Y. Sighting apparatus. 1,936,576; Nov. 28.
- Barth, Theodore H., assignor to Carl L. Norden, Inc., New York, N. Y. Speed controlling and speed measuring centrifugal mechanism. 1,936,577; Nov. 28.
- Barth, Theodore H., assignor to Carl L. Norden, Inc., New York, N. Y. Speed controlling and speed measuring centrifugal mechanism. 1,936,578; Nov. 28.
- Barthel, Oliver E., and J. J. Power, assignors of one-third to said Barthel, one-third to said Power, and one-third to H. B. Loveland, Detroit, Mich. Steam boiler. 1,939,944; Dec. 19.
- Barthelemy, Henri L., Rome, Ga. Spinning cell for the manufacture of artificial filaments with auto-recovery of the volatile solvents. 1,906,042; Apr. 25.
- Barthelemy, Henri L., Milan, Italy, assignor to Ruth Aldo Company (Inc.), New York, N. Y. Absorbing and recovering vapors of volatile liquids. 1,894,508; Jan. 17.
- Barthelemy, Henri L., Milan, Italy, assignor to Ruthaldo Company Inc., New York, N. Y. Formation of filaments and the like of a cellulose ester. 1,906,041; Apr. 25.
- Barthelemy, Henri L., Milan, Italy, assignor to Ruthaldo Company Inc., New York, N. Y. Homogeneous esterification of cellulose. 1,926,964; Sept. 12.
- Barthelemy, René, Fontenay-aux-Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines a Gaz, Montrouge, Stine, France. Electrical synchronizing device. 1,914,842; June 20.
- Barthelemy, René, Fontenay-aux-Roses, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines a Gaz, Montrouge, France. Synchronizing system. 1,940,161; Dec. 19.
- Barthelemy, René, Fontenay aux Roses, and J. Le Duc, Vaucresson, assignors to Compagnie pour la Fabrication des Compteurs et Matériel d'Usine a Gaz, Seine, France. Scanning images in television. 1,928,553; Sept. 26.
- Barthell, Mildred L., now by decree of court Mildred Irene Gault, Oklahoma City, Okla. Agitator attachment. 1,932,385; Oct. 24.
- Barthelmes, K., Manufacturing Co. Incorporated. (See Barthelmes, Kurt W. H., assignor.)
- Barthelmes, Kurt W. H., assignor to K. Barthelmes Manufacturing Co. Incorporated, Rochester, N. Y. High pressure metallic liquid charging containers. 1,933,135; Oct. 31.
- Bartholet, John C., Tacoma, Wash. Expansion joint anchor. 1,900,895; Mar. 14.
- Bartholomew, Earl, assignor to Ethyl Gasoline Corporation, Detroit, Mich. Removing carbon deposits from internal combustion engines. 1,924,704; Aug. 29.
- Bartholomew, George P., Essex Fells, N. J., assignor to American Smelting & Refining Company, New York, N. Y. Coking process. 1,894,438; Jan. 17.
- Bartholomew, Gilbert A., Cleveland, Ohio. Engine. 1,904,775; Apr. 18.
- Bartholomew, Harry G. (See McFarlane, M. L. D., and Bartholomew.)
- Bartholomew, Harry G., London, England, and M. L. D. McFarlane, New York, N. Y. Telautography or photography. 1,910,586; May 23.
- Bartholomew, Reuben, Brooklyn, N. Y. Interlocking distributor and elevator bar for typographical machines. 1,936,782; Nov. 28.
- Bartholomew, Robert J., Germantown, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Spindle swing bracket. 1,896,505; Feb. 7.
- Bartholomew, Robert J., Germantown, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Starting pulley. 1,896,506; Feb. 7.
- Bartholomew, Robert J., Germantown, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Traverse motion. 1,900,480; Mar. 7.
- Bartholomew, Tracy. (See Sem, Mathias O., assignor.)
- Bartholomew, Tracy, Pittsburgh, Pa. Treatment of slag. 1,901,891; Mar. 21.
- Bartholomew, Tracy, Pittsburgh, Pa. Apparatus for treating slag. 1,937,187; Nov. 28.
- Bartholomew, William F., Warren, Ohio. Open hearth furnace. 1,907,140; May 2.
- Bartimore, Roy E., assignor to R. E. Bartimore, Trustee, Milwaukee, Wis. Hinge. 1,935,107; Nov. 14.
- Bartlebaugh, Benjamin C., Wheeling, W. Va. Gas heater. 1,937,217; Nov. 28.
- Bartlett, C. O., & Snow Company, The. (See Goodell, F. H., and Chinnock, assignors.)
- Bartlett, C. O., & Snow Company, The. (See Goodell, F. H., and Harvey, assignors.)
- Bartlett, C. O., & Snow Company, The. (See Snow, Karl F., assignor.)
- Bartlett, C. O., & Snow Company, The. (See Snow, Karl F., and Smith, assignors.)
- Bartlett, C. O., & Snow Company, The. (See Snow, Karl F., and First.)
- Bartlett-Collins Company. (See Evans, Charles M., assignor.)
- Bartlett, Ernest E., George West, Tex., assignor to B & B Manufacturing Co., Inc. Grain header. 1,933,407; Oct. 31.
- Bartlett, Ernest E., George West, Tex., assignor to B & B Manufacturing Co., Inc. Grain header. 1,933,491; Oct. 31.
- Bartlett, Frank A., Northampton, Mass. Receptacle. 1,910,786; May 23.
- Bartlett, Frederick P., assignor to The Magnavox Company, Chicago, Ill. Loud speaker mounting. 1,924,591; Aug. 29.
- Bartlett Hayward Company, The. (See Santos, John R. L., assignor.)
- Bartlett, Joseph W., Dallas, Tex. Removing impurities from gas. 1,916,551; July 4.
- Bartlett & Snow Company, The. (See Snow, Karl F., assignor.)
- Bartley, Charles B., Pittsburgh, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,903,972; Apr. 18.
- Bartley, Joseph A., Charleston, W. Va., assignor of one-half to W. M. Thomas. Coasting sled. 1,894,550; Jan. 17.
- Bartling, Friedrich, Huglfing, Germany. Conserving granular materials. 1,894,149; Jan. 10.
- Bartling, Friedrich, Munich, Germany. Distillation of fine granular solid carbonizable material. 1,912,247; May 30.
- Barton, Charles B., assignor to Brown Company, Berlin, N. H. Conditioning of graphite electrodes and product of same. 1,909,800; May 16.
- Barton, Clarence H. (See Starkey, W. C., and Barton.)
- Barton, Clarence H., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Automatic transmission. 1,930,072; Oct. 10.
- Barton Corporation, The. (See Labisky, Arthur H., assignor.)
- Barton, Edward H. R., Englewood, N. J., assignor of one-half to A. M. Fairlie, Atlanta, Ga. Extruding machine. 1,929,395; Oct. 3.
- Barton, Frederick C., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Combined home-recording disk and stylus therefor. 1,930,502; Oct. 17.
- Barton, Frederick, London, England, assignor to General Electric Company. Electrostatically controlled electric discharge device. 1,934,477; Nov. 7.
- Barton, Henry. (See Budd, A. G., and Barton.)
- Barton, James P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Radio receiving system. 1,905,260; Apr. 25.
- Barton, James P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Transmitting system. 1,916,404; July 4.
- Barton, Joseph W., assignor to O-Cedar Corp'n, Chicago, Ill. Mop handle connection and making the same. 1,917,570; July 11.
- Barton, Kirtland C., East St. Louis, Ill., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Conditioning oil bearing materials. 1,928,241; Sept. 26.
- Barton, Melvin C., Yuba City, Calif. Brush. 1,901,139; Mar. 14.
- Barton, Paul B. (See Hearn, C. K., Barton, and Eames.)
- Barton, Robert C., Pittsburgh, Pa. Humidifier. 1,927,733; Sept. 19.

- Barton, Theophilus F., Upper Montclair, N. J., assignor to General Electric Company. Starting apparatus. 1,935,429; Nov. 14.
- Bartsch, Frank R., assignor to J. L. McManus, Chicago, Ill., trustee. Golf club head. Des. 89,332; Feb. 28.
- Bartsch, Herbert E., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Brake operating mechanism. 1,919,184; July 25.
- Bartsch, Kurt. (See Schlösser, P., Bartsch, and Kallner.)
- Bartschat, August, Milwaukee, Wis. Lighting unit. Des. 90,644; Sept. 12.
- Bartunek, Richard. (See Stoeckly, J. J., and Bartunek.)
- Bartz, Arthur E., assignor to Hudson Motor Car Company, Detroit, Mich. Carburetor heat control. 1,911,787; May 30.
- Bartz, John P., St. Louis, Mo., assignor to Ralston Purina Company. Stock food and making same. 1,940,837; Dec. 26.
- Baruch, Milton, Los Angeles, R. E. DeCamp, Glendale, and C. P. Walker, assignors to Llewellyn Iron Works, Los Angeles, Calif. Automatic stopping elevator control system. 1,895,065; Jan. 24.
- Barvoets, Ernest F. (See Lynch, J. J., and Barvoets.)
- Bärwinkel, Moritz, Ohrdruf, Germany. Upholstering spring. 1,901,720; Mar. 14.
- Bary, Victor A., Hendon, London, England. Axle bearing. 1,921,339; Aug. 8.
- Bary, Victor A., London, England. Axle bearing. 1,937,741; Dec. 5.
- Barycz, Frank V., Los Angeles, Calif. Collapsible fuselage for airplanes and the like. 1,892,925; Jan. 3.
- Barycz, Frank V., Los Angeles, Calif. Controlling apparatus for drilled wells. 1,893,489; Jan. 10.
- Barz, Friedrich, Berlin-Friedenau, Germany, assignor to General Electric Company. Electric valve converting apparatus. 1,894,078; Jan. 10.
- Barz, Friedrich, Berlin-Lankwitz, Germany, assignor to General Electric Company. Electric valve converting system. 1,894,079; Jan. 10.
- Basart, Antonius H. M., The Hague, Netherlands. Variable speed gear. 1,909,801; May 16.
- Bascom, Calvin P. (See Ormsby, E., and Bascom.)
- Bascom, Calvin P. (See Rasseleur, B. F., and Bascom.)
- Bascom, Calvin P., St. Louis, Mo., and H. A. Kluge, Collinsville, Ill., assignors to Central Mine Equipment Co., St. Louis, Mo. Drill for mining purposes. 1,897,785; Feb. 14.
- Bascom, Henry, assignor of thirty per cent to Roy F. Toelke, St. Louis, Mo. Display apparatus. 1,899,074; Feb. 28.
- Bascom, Henry M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 1,895,020; Jan. 24.
- Bascom, Henry M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 1,897,106; Feb. 14.
- Bascom, Henry M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,933,650; Nov. 7.
- Bascom, Thomas D., assignor to The Standard Tool Company, Cleveland, Ohio. Tool holder. 1,899,843; Feb. 28.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake rigging. 1,917,354; July 11.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 1,929,767; Oct. 10.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake rigging. 1,936,896; Nov. 28.
- Baselt, Walter H., Flossmoor, assignor to American Steel Foundries, Chicago, Ill. Clasp brake for motor trucks. 1,936,897; Nov. 28.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake rigging. 1,936,898; Nov. 28.
- Bash, Thomas B., Kansas City, Mo. Switch. 1,900,687; Mar. 7.
- Bash, Thomas B., Kansas City, Mo. Eye nut. 1,920,493; Aug. 1.
- Bash, Thomas B., Kansas City, Mo. Helical member and forming same. 1,934,905; Nov. 14.
- Bashford, Raymond I., Philadelphia, Pa., assignor to Atlas Powder Company, Wilmington, Del. Powder packing machine. 1,911,299; May 30.
- Bashford, Raymond I., Philadelphia, Pa., assignor to Atlas Powder Company, Wilmington, Del. Explosive cartridge and making the same. 1,913,259; June 6.
- Bashford, Raymond I., Philadelphia, Pa., assignor to Atlas Powder Company, Wilmington, Del. Machine for evening the ends of explosive shells. 1,936,494; Nov. 21.
- Basil, John L. (See Herschman, H. K., and Basil.)
- Basile, Joseph. (See Frank, B. M., and Basile.)
- Basinger, Haydn G., Toledo, Ohio. Check guard for brooders. 1,927,911; Sept. 26.
- Basquin, Olin H. (See Meyercord, G. R., Basquin, and Norris.)
- Bass, S. Bernard, et al. (See Dakan, Carl, assignor.)
- Bass, Shailer L. (See Britton, E. C., Bass, and Elliott.)
- Bass, Shailer L., assignor to The Dow Chemical Company, Midland, Mich. Metal catalyst and preparation thereof. 1,907,710; May 9.
- Bass, William L., New York, N. Y. Toilet article. 1,909,802; May 16.
- Basseau, Suzanne, née Guichard, Paris, France. Antiback-firing gas mixer. 1,913,787; June 13.
- Basseches, Jacob T. (See Boller, Alexander, assignor.)
- Bassel, Rita, New Orleans, La., assignor to M. B. Klaholt, Kirkwood, Mo., as Provincial of and as representing the Central Province of the Ursulines of the Roman Union in the United States, and her successors. Finger ring. Des. 89,564; Apr. 4.
- Basset, Lucien P., Paris, France. Simultaneous manufacture of iron or its carbide compounds and of Portland cement or hydraulic limes. 1,897,881; Feb. 14.
- Bassett, Calvin P., Maryville, Tenn. Metal welding. 1,927,912; Sept. 26.
- Bassett, Cyrus W. (See Kelley, L. J., and Bassett.)
- Bassett, Gerald L., assignor to The Conklin Penn Company, Toledo, Ohio. Plunger type pen. 1,903,022; Mar. 28.
- Bassett, Harry P., Cynthiana, Ky. Purification of cellulose material. 1,923,292; Aug. 22.
- Bassett, Harry P., Cynthiana, Ky., and J. C. Simons, assignors to Meigs, Bassett & Slaughter, Inc., Philadelphia, Pa. Making copper hydroxide. 1,920,053; July 25.
- Bassett, Harry P., Cynthiana, Ky. Purifying spun cellulose products. 1,933,204; Oct. 31.
- Bassett, Harry P., Cynthiana, Ky. Process of recovering plasticizers from celluloid and like plastic compositions. 1,933,205; Oct. 31.
- Bassett, Harry P., Cynthiana, Ky., and J. H. Torrence, Lincoln, Nebr., assignors, by mesne assignments, to Tubize Chatillon Corporation, New York, N. Y. Manufacturing artificial silk filaments. 1,938,312; Dec. 5.
- Bassett, Preston R., Brooklyn, N. Y., assignor, by mesne assignments, to Sperry Gyroscope Company, Inc. Open-type searchlight. 1,929,159; Oct. 3.
- Bassett, Robert S., Buffalo, N. Y. Liquid meter. 1,922,071; Aug. 15.
- Bassetti, Adam H., West Haven, Conn., assignor to Joseph Bassetti, Jersey City, N. J. Clamp. 1,915,009; June 20.
- Bassetti, Joseph. (See Bassetti, Adam H., assignor.)
- Basick Company, The. (See Herold, Walter F., assignor.)
- Basick Company, The. (See Herold, W. F., and Knittel, assignors.)
- Basick Company, The. (See Logie, Thomas T., assignor.)
- Basick Company, The. (See Moore, Raymond G., assignor.)
- Basick Company, The. (See Moore, R. G., and Claude-Mantle, assignors.)
- Basick Company, The. (See Wiley, William R., assignor.)
- Bassler, Carlos J., assignor to American Liquid Meter Company, Alhambra, Calif. Meter. 1,905,549; Apr. 25.
- Bassler, Carlos J., assignor to American Liquid Meter Company, Alhambra, Calif. Measuring device. 1,908,302; May 9.
- Bassler, Kurt, Berlin-Westend, Germany, assignor to General Electric Company. Cylinder head. 1,915,970; June 27.
- Basso, Florindo, Baltimore, Md. Needle holder for sewing machines. 1,899,303; Feb. 28.
- Basson, Joseph D. (See Comi, Pierino, assignor.)
- Basson, Joseph D., Brooklyn, N. Y. Shutter attachment for projectors. 1,928,659; Oct. 3.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Automatic gas valve. Re18,878; June 27.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Temperature and pressure controller. 1,905,788; Apr. 25.
- Bast, Frank J., Queens Village, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Control valve. 1,920,458; Aug. 1.
- Baster, Forest S., and A. E. Walden, assignors to Hupp Motor Car Corporation, Detroit, Mich. Structural bracing means for vehicle chassis frames. 1,915,117; June 20.
- Bastian-Blessing Company, The. (See Buttner, William C., assignor.)
- Bastian-Blessing Company, The. (See Stein, Edward P., assignor.)
- Bastian Brothers Company. (See Ballard, H. A., and Hart, assignors.)
- Bastian Brothers Company. (See Schnarr, Edward J., assignor.)
- Bastian-Morley Company. (See Lonergan, Simon J., assignor.)
- Bastian, William B., Glendale, Calif. Gas burner control device. 1,897,600; Feb. 14.
- Bastian, William B., Glendale, Calif. Snap action valve. 1,910,230; May 23.
- Bataafsche Petroleum Maatschappij. (See van Peski, Adrianus J., assignor.)
- Bataille, Roger, Paris, France, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Remote control system. 1,897,718; Feb. 14.
- Batchelder, Augustus H. (See Harrison, W. F., and Batchelder.)
- Batchelder, Charles A., St. Albans, Me. Shoe tree. 1,899,844; Feb. 28.
- Batchell, George W., assignor to Frangeo Company, Toledo, Ohio. Recuperator. 1,925,711; Sept. 5.
- Batcheller, Birney C., Wallingford, Vt., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Method and machine for making golf club shafts. 1,912,751; June 6.
- Batcheller, Clements, Portsmouth, N. H., assignor to Bemis Industries, Incorporated, Boston, Mass. Feeding apparatus for plastic mixtures. 1,929,301; Oct. 3.
- Batchelor, Harold, Jersey City, N. J. Vanity case. 1,900,089; Mar. 7.

- Batchelor, John C., Edgewater Park, N. J., assignor to Radio Corporation of America. Luminous sign. 1,928,407; Sept. 26.
- Batchelor, Sanford L., Farnumsville, Mass. Flying shears. 1,936,928; Nov. 28.
- Bateholts, Clinton, assignor to Specialty Insulation Manufacturing Company, Inc., Hoosick Falls, N. Y. Plate surface. 1,901,837; Mar. 14.
- Batek, Henry L., assignor to Wilson-Jones Company, Chicago, Ill. Label holder and making the same. 1,940,442; Dec. 19.
- Bateman, Fred H., Grenloch, N. J., and I. Trolley, York, assignors to The Fred H. Bateman Company, Philadelphia, Pa. Planting potatoes. 1,895,962; Jan. 31.
- Bateman, Fred H., Grenloch, N. J., and I. Trolley, York, assignors to Fred H. Bateman Company, Philadelphia, Pa. Potato planter. 1,912,248; May 30.
- Bateman, Fred H., Company. (See Bateman, F. H., and Trolley, assignors.)
- Bateman, Louis. (See Mathers, F. C., and Bateman.)
- Bateman, Michael L., Harrow, assignor to Adie Brothers Limited, Birmingham, England. Watch. 1,940,289; Dec. 19.
- Bateman, Norman S., Nashville, Tenn. Cableway. 1,934,478; Nov. 7.
- Bateman, Ralph C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Air bag connection. 1,897,949; Feb. 14.
- Bateman, Walter, Parnell, Mo. Shoe lace. 1,937,399; Nov. 28.
- Bateman, William H. (See Leach, R. W., and Bateman.)
- Bates, Albert H., assignor to Burd High Compression Ring Company, Rockford, Ill. Heater. 1,909,144; May 16.
- Bates, Albert H., assignor to Burd High Compression Ring Company, Rockford, Ill. Automobile heater. 1,913,742; June 13.
- Bates, Albert H., assignor to Burd High Compression Ring Company, Rockford, Ill. Heater. 1,936,615; Nov. 28.
- Bates, Albert J., assignor to Ditto Incorporated, Chicago, Ill. Duplicating apparatus. 1,902,273; Mar. 21.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 1,897,037; Feb. 14.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,898,521; Feb. 21.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for sole fitting. 1,901,140; Mar. 14.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,911,050; May 23.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,919,410; July 25.
- Bates, Arthur, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,939,945; Dec. 19.
- Bates, Reulah H. (See Bates, Walter A., assignor.)
- Bates, Charles F. W., Cleveland Heights, assignor to The Ohio Instrument Manufacturing Company, Cleveland, Ohio. Purifying tungsten. 1,896,606; Feb. 7.
- Bates, Fannie A., West Palm Beach, Fla. Device for keeping an infant under crib covers. 1,923,809; Aug. 22.
- Bates, George G., Kingston, N. Y. Fruit grader and cleaner. 1,924,098; Aug. 29.
- Bates, George H., Cranford Township, Union County, N. J., assignor to United Dry Docks, Incorporated, New York, N. Y. Apparatus for riveting plates of ships. 1,902,821; Mar. 28.
- Bates, Harry C., assignor to Corning Glass Works, Corning, N. Y. Glass coffee pot. 1,899,451; Feb. 28.
- Bates, Harry H., Ridley Park, Pa. assignor to Westinghouse Electric & Manufacturing Company. View transmission system. 1,940,838; Dec. 26.
- Bates, Henry W., Jackson Township, Porter County, assignor of one-half to George Haga, Marshall, Ind. Antitheft device for fluid containers. 1,895,963; Jan. 31.
- Bates, Joseph D., West Springfield, Mass. Brush. 1,924,147; Aug. 29.
- Bates, Kenneth, Muscatine, Iowa. Shoe last. 1,928,847; Oct. 3.
- Bates Manufacturing Company, The. (See Houwen, Frederick C., assignor.)
- Bates Manufacturing Company, The. (See Lang, William, assignor.)
- Bates Manufacturing Company, The. (See Svensson, Victor A., assignor.)
- Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight and pilot director. 1,919,191; July 25.
- Bates, Paul M., U. S. Navy. Rotatable signaling device. 1,937,504; Dec. 5.
- Bates, Ralph I., assignor to Delco Products Corporation, Dayton, Ohio. Relief valve for shock absorbers. 1,898,335; Feb. 21.
- Bates & Rogers Construction Co. (See Copeland, F. L., and Rasmussen, assignors.)
- Bates, Sidney E., Chicago, Ill., assignor to American Safety Device Company, New York, N. Y. Coupling device. 1,895,746; Jan. 31.
- Bates, Sully J., Cleveland, Ohio, assignor to Stowe-Woodward, Inc., Newton Upper Falls, Mass. Bowling ball. 1,927,654; Sept. 19.
- Bates, Vernon G., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Annealing pot. 1,909,331; May 16.
- Bates, Walter A., assignor to Reulah H. Bates, Gary, Ind. Flooring structure. 1,936,536; Nov. 21.
- Bateson, Richard G., Princes Risborough, Bucks, England. Hygrometer. 1,903,617; Apr. 11.
- Bath, John. (See Walker, Ernest A., assignor.)
- Bath, John, & Company. (See Bath, Stanley W., assignor.)
- Bath, Stanley W., Shrewsbury, assignor, by mesne assignments, to John Bath & Company, Worcester, Mass. Method and apparatus for truing a grinding wheel. 1,919,288; July 25.
- Bath, Stanley W., Shrewsbury, assignor, by mesne assignments, to John Bath & Company, Worcester, Mass. Lead screw drive for grinding machines. 1,922,520; Aug. 15.
- Bath, Stanley W., Shrewsbury, assignor, by mesne assignments, to John Bath & Company, Worcester, Mass. Automatic reversing mechanism. 1,929,268; Oct. 3.
- Batie, Joseph E., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Brake actuating mechanism. 1,928,475; Sept. 26.
- Batkin, Isaac. (See Provenzano, Emil, assignor.)
- Batrack, Eugene, and J. F. Fantauzzo, Rochester, N. Y. Headlight attachment. 1,924,101; Aug. 29.
- Batt, Frederick H., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Electric meter. 1,913,260; June 6.
- Batt, Frederick H., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Permanent magnet. 1,923,047; Aug. 15.
- Battalio, Joe. (See Grotz, H. S., and Battalio.)
- Battegay, Constant, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Time distribution system. 1,920,179; Aug. 1.
- Battegay, Constant, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Printing clock. 1,922,836; Aug. 15.
- Battegay, Constant, Levallois-Perret, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Electric speedometer and milemeter. 1,933,086; Oct. 31.
- Battegay, Constant, Levallois-Perret, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Keeping up the oscillations of pendulums. 1,933,087; Oct. 31.
- Battegay, Constant, Levallois-Perret, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Selective call system. 1,933,088; Oct. 31.
- Battegay, Constant, Levallois-Perret, assignor to Societe Anonyme des Ateliers Brillie Freres, Levallois-Perret, Seine, France. Call system adapted to be used in connection with automatic telephones. 1,933,089; Oct. 31.
- Battegay, Martin, Mulhouse, France, assignor to Calco Chemical Company, Inc. Dyeing and printing of textile fibers by means of dyes formed by oxidation. 1,921,148; Aug. 8.
- Battelle, Grant, Long Beach, Calif. Subterranean automatic oil well control. 1,901,141; Mar. 14.
- Battelle Memorial Institute. (See Bole, G. A., and Sullivan, assignors.)
- Batter, Edward, New Haven, Conn. Universal electric outlet. 1,912,424; June 6.
- Batterman, Elmer F., and J. Verderber, assignors to The Cleveland Universal Jig Company, Cleveland, Ohio. Clamp. 1,921,721; Aug. 8.
- Battersby, John W., London, England. Production of cellular solid bodies. 1,939,290; Dec. 12.
- Battersby, William K., Providence, R. I. Display stand or the like. Des. 90,831; Oct. 10.
- Batterton Coffee Co. Inc. (See Stayton, Frank J., assignor.)
- Battin, Harold T. (See Gibbons, W. A., and Battin.)
- Battin, Harold T., Ridgewood, N. J., assignor to Morgan & Wright, Detroit, Mich. Mandrel. 1,906,513; May 2.
- Battin, William I., Philadelphia, and C. S. Chrisman, West Chester, assignors to The U. G. I. Contracting Company, Philadelphia, Pa. Gas generator. 1,897,950; Feb. 14.
- Battista, Donald A., assignor of one-half to W. De Cou, jr., Philadelphia, Pa. Refrigerated display device. 1,896,693; Feb. 7.
- Battle, John R., Ardmore, Pa., assignor to Gun-Fil Corporation. Lubricant compressor. 1,896,507; Feb. 7.
- Battle Creek Bread Wrapping Machine Company. (See Littlefield, Carl, assignor.)
- Battle Creek Bread Wrapping Machine Company. (See Taylor, William L., assignor.)
- Battle Creek Food Company, The. (See Kellogg, J. H., and Teller, assignors.)
- Battles, Stewart S. (See Ingersoll, R. C., and Battles.)
- Batzel, Charles R., Scranton, Pa. Radio instrument. 1,940,342; Dec. 19.
- Bauch Porcelain Products Co. (See Bauch, Walter G., assignor.)
- Bauch, Walter G., assignor to Bauch Porcelain Products Co., Chicago, Ill. Bathroom fixture. 1,922,345; Aug. 15.
- Bauch, William H., Shelbyville, assignor to Sono Equipment Corporation, Indianapolis, Ind. Resilient support for photo-electric cell exciter. 1,904,038; Apr. 18.
- Bauch, William H., Shelbyville, assignor of one-half to O. R. Platter, North Vernon, and one-half to Sono-Equipment Corporation, Indianapolis, Ind. Method and apparatus for reproducing sound. 1,904,711; Apr. 18.

- Bauch, William H., Shelbyville, Ind., assignor, by mesne assignments, to United Aircraft Products, Inc., Dayton, Ohio. Sound picture apparatus. 1,936,344; Nov. 21.
- Bauch, William H., Shelbyville, Ind., assignor, by mesne assignments, to United Aircraft Products, Inc., Dayton, Ohio. Portable sound picture apparatus. 1,936,345; Nov. 21.
- Baudis, Adolph, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Automatic safety razor. 1,922,072; Aug. 15.
- Baudisch, Oskar, Maffersdorf, Czechoslovakia. Gamma ferric oxide hydrate and making same. 1,894,749; Jan. 17.
- Baudisch, Oskar, Maffersdorf, Czechoslovakia. Gamma ferric oxide and making same. 1,894,750; Jan. 17.
- Bauer, Andrew, jr., Forest Hills, N. Y., and R. Whewell, New Bedford, Mass., assignors to United Merchants & Manufacturers, Inc., New York, N. Y. Textile fabric. 1,936,495; Nov. 21.
- Bauer, Beulah E., and G. R. Bauer, San Gabriel, Calif. Thornless logan blackberry. Pl. Pt. 82; Nov. 14.
- Bauer, Bruno, Vienna, Austria. Structure of concrete and iron columns. 1,914,065; June 13.
- Bauer, Conrad, Mount Oliver, Pa. Flexible blind structure. 1,912,817; June 6.
- Bauer, Ernst, assignor to USL Battery Corporation, Niagara Falls, N. Y. Casting machine. 1,927,384; Sept. 19.
- Bauer, Erwin. (See Czapek, E., and Bauer.)
- Bauer, Friedrich, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine. 1,899,741; Feb. 28.
- Bauer, Georg, Hanau-on-the-Main, Germany. Recovery of platinum and its byproducts for mattes. 1,896,807; Feb. 7.
- Bauer, George C., Santa Monica, Calif. Printing machine. 1,919,051; July 18.
- Bauer, Gordon R. (See Bauer, Beulah E. and G. R.)
- Bauer, Gustav, Hamburg, Germany. Ship's engine plant. 1,933,041; Oct. 31.
- Bauer, Gustav, Hamburg, and J. N. Kiep, Altona-Hochkamp, Germany. Hydraulic power transmitter. 1,904,606; Apr. 18.
- Bauer, Gustav, Hamburg, and C. Schmieske, Bremen, Germany. Gas or steam turbine casing. 1,926,251; Aug. 22.
- Bauer, Gustav F. C., Tonawanda, assignor to National Police Signal Company, Buffalo, N. Y. Police signal system. 1,918,240; July 18.
- Bauer, Gustav F. C., Tonawanda, assignor to National Police Signal Company, Buffalo, N. Y. Police signal system. 1,920,236; Aug. 1.
- Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Dextrinization of starch in cereals. 1,938,574; Dec. 12.
- Bauer, Harry E. (See Fyke, M. L., and Bauer.)
- Bauer, John W., Naperville, Ill. Plant support. 1,898,164; Feb. 21.
- Bauer, Lawrence E., Havre de Grace, Md., assignor, by mesne assignments, to M. Ott, New York, N. Y. Defrosting of mechanical refrigerators. 1,933,580; Nov. 7.
- Bauer, Oliver F., assignor to Gleason Works, Rochester, N. Y. Gear testing machine. 1,909,088; May 16.
- Bauer, Rudolf, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water soluble azodyestuffs. 1,931,836; Oct. 24.
- Bauer, Walter, assignor to Rohm & Haas Aktiengesellschaft, Darmstadt, Germany. Manufacture of hydrogen chloride or hydrogen bromide or their corresponding acid solutions. 1,905,432; Apr. 25.
- Bauer, Walter, and P. Weisert, assignors to Rohm & Haas Aktiengesellschaft, Darmstadt, Germany. Preparation of acrylic acid. 1,911,219; May 30.
- Bauer, Wilhelm. (See Nawlasky, P., Bauer, and Krauch.)
- Bauersfeld, Walther, and O. von Gruber, assignors to the Firm Carl Zeiss, Jena, Germany. Image plate holding chamber for apparatus for measuring photograms. 1,921,647; Aug. 8.
- Baughman, Guy L., and L. M. Murphy, Mulvane, Kans. Overhead valve oiler. 1,935,496; Nov. 14.
- Baughman, Irving E., assignor, by mesne assignments, to V. R. Weast, Chicago, Ill. Apparatus for making coffee. 1,920,121; July 25.
- Baughn, Charles O., Muskogee, Okla. Vehicle headlight indicator. Des. 90,227; July 4.
- Baugnée, Justin, Differdange, Luxembourg. Coupling or clutch for coaxial shafts. 1,900,787; Mar. 7.
- Baugnée, Justin, Differdange, assignor of one-half to the Firm of Haute Fourniaux & Aciéries de Differdange-St. Ingbert Rummelange Société Anonyme, Luxembourg, Luxembourg. Reversing rolling mill. 1,930,410; Oct. 10.
- Baule, Marie E. A. (See Ducamp, A. J., and Baule.)
- Baule, Marie E. A., Chaville, France. Dynamometric log. 1,903,713; Apr. 11.
- Baum, Erich. (See Hermann, W. O., and Baum.)
- Baum, Frank G., San Francisco, Calif. High voltage electrical switch. 1,895,907; Jan. 31.
- Baum, Frank G., San Francisco, Calif. Airplane wing. 1,900,688; Mar. 7.
- Baum, Frank G., San Francisco, Calif. Airplane. 1,900,689; Mar. 7.
- Baum, Frank G., deceased, Berkeley, Calif.; E. F. Born, executrix. Combined circuit-breaker and transformer. 1,925,861; Sept. 5.
- Baum, Gustav, Weissenstein above the Drau, Austria, assignor, by mesne assignments to E. I. du Pont de Nemours and Company. Electrolytic apparatus. 1,937,621; Dec. 5.
- Baum, Henry J., Clarion, Iowa. Connector for electrical appliances. 1,894,751; Jan. 17.
- Baum, Hugo, et al. (See Epstein, Perry, assignor.)
- Baum, Isaac A., Chicago, Ill. Reinforced metal jamb. 1,901,624; Mar. 14.
- Baum, Isaac A., Chicago, Ill. Footplate for door frames. 1,905,124; Apr. 25.
- Baum, Isaac A., Chicago, Ill. Metal jamb construction. 1,905,125; Apr. 25.
- Baum, Isaac A., Chicago, Ill. Plaster terminal. 1,924,971; Aug. 29.
- Baum, Jesse J. (See Baum, Jesse M., assignor.)
- Baum, Jesse M., Warren, assignor of one-fourth to J. J. Baum, Canton, Ohio. Automatic variable speed drive. 1,897,416; Feb. 14.
- Baum, Kenneth M. (See Ralston, O. C., and Baum.)
- Baum, Kenneth M., assignor to United Verde Copper Company, Clarkdale, Ariz. Recovery of sulphur. 1,917,688; July 11.
- Baum, Kenneth M., assignor to United Verde Copper Company, Clarkdale, Ariz. Recovery of sulphur. 1,917,689; July 11.
- Baum, Reinhold, assignor to Felten & Guilleaume Carlswerk Actiengesellschaft, Cologne-Mulheim, Germany. Steel aluminium cable. 1,904,116; Apr. 18.
- Bauman, Abraham, Santiago, Chile. Life-safety apparatus. 1,920,054; July 25.
- Bauman, Anton W., Hamilton, Ohio. Body brace. 1,939,097; Dec. 12.
- Bauman, Frank, Honesdale, Pa. Spindle. 1,902,751; Mar. 21.
- Bauman, John J., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 1,934,607; Nov. 7.
- Bauman, John J., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 1,934,608; Nov. 7.
- Bauman, Warren J., Lock Haven, assignor to The West Branch Corporation, Williamsport, Pa. Starter for internal combustion engines. 1,897,786; Feb. 14.
- Bauman, William T., assignor to Universal Form Clamp Co., Chicago, Ill. High chair for reinforcing bars. 1,907,477; May 9.
- Baumann, Adolf, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Refrigerating machine. 1,920,675; Aug. 1.
- Baumann, Adolf, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Refrigerating machine. 1,935,538; Nov. 14.
- Baumann, Adolf, and C. P. Horlacher, assignor, by mesne assignments, to The American Exchange National Bank, St. Louis, Mo. Integrating mechanism for calculating machines. 1,928,874; Oct. 3.
- Baumann, Arnold W., Chicago, Ill. Counter-current cooler. 1,922,149; Aug. 15.
- Baumann, Bruno, assignor to the firm: Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg, Buckau, Germany. Conveyor. 1,927,625; Sept. 19.
- Baumann, Fritz. (See Bayer, O., and Baumann.)
- Baumann, Fritz. (See Kafer, F., Baumann, and Krause.)
- Baumann, Fritz. (See Kalischer, G., Ritter, and Baumann.)
- Baumann, Fritz, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. New anthraquinone compounds. 1,917,421; July 11.
- Baumann, Karl, Urnston, England. Steam-generating apparatus. 1,931,426; Oct. 17.
- Baumann, Henry N., jr. (See Benner, R. C., and Baumann.)
- Baumann, Otto H., McKittrick, Mo. Fan control governor. 1,917,790; July 11.
- Baumann, Paul. (See Eisenhut, O., Schilling, and Baumann.)
- Baumann, Paul, H. Schilling, and A. Fischer, Ludwigs-hafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating carbonaceous materials with electric arcs. 1,902,351; Mar. 21.
- Baumbach, Emil A., Chicago, Ill. Die shoe. 1,915,080; June 20.
- Baumbach, Emil A., assignor to Advance Die Set Corporation, Chicago, Ill. Leader pin. 1,926,798; Sept. 12.
- Baumbach, Emil A., Chicago, Ill. Face-plate. 1,931,640; Oct. 24.
- Baumé, Edwall J., Long Beach, Calif. Lock. 1,904,763; Apr. 18.
- Baumeister, George R., Boston, Mass. Pipe insulation. 1,921,648; Aug. 8.
- Baumer, Henry J., Sacramento, Calif. Collapsible shelter. 1,912,425; June 6.
- Baumert, Karl, Kelsterbach-on-the-Main, and K. Schieck, St. Polten, Austria, assignors to American Glanzstoff Corporation, New York, N. Y. Cone winding means. 1,935,931; Nov. 21.
- Baumgärtel, Carl, Zeulenroda, Germany. Straight bar knitting machine. 1,902,752; Mar. 21.

- Baumgärtel, Max, assignor to Julius Rompler Aktiengesellschaft, Zeulenroda, Thuringia, Germany. Elastic fabric. 1,908,725; May 16.
- Baumgarten Company of Washington, The. (See Baumgarten, E., Gosnell, and Deisch, assignors.)
- Baumgarten, Emanuel, C. W. Gosnell, and N. J. Deisch, assignors to The Baumgarten Company of Washington, Washington, D. C. Stamping press. 1,900,008; Mar. 7.
- Baumle, Emil. (See Schultz, Alfred C., assignor.)
- Baur, Adolphe F. J., assignor to Baur-Steinkamp & Company, Inc., Indianapolis, Ind. Carnation. Pl. Pt. 56; Mar. 14.
- Baur, Hugo J., Chicago, Ill. Admission token depositary and accounting device. 1,897,601; Feb. 14.
- Baur, Hugo J., assignor, by mesne assignments, to A. L. Hansen Mfg. Co., Chicago, Ill. Stapling machine. 1,927,274; Sept. 19.
- Baur, Karl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of aldehydes and ketones. 1,906,833; May 2.
- Baur, Karl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of unsaturated ethers. 1,931,858; Oct. 24.
- Baur, Ottmar, Stuttgart, Germany, assignor to Acro Aktiengesellschaft, Kussnacht-on-Rigi, Switzerland. Piston for internal combustion engines. 1,901,838; Mar. 14.
- Baur, Ottmar, Stuttgart, and H. Lempp, Fellbach, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Shaft coupling. 1,903,162; Mar. 28.
- Baur, Ottmar, Stuttgart, and H. Lempp, Fellbach, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Centrifugal governor for high speed internal combustion engines. 1,928,476; Sept. 26.
- Baur-Steinkamp & Company. (See Baur, Adolphe F. J., assignor.)
- Bauriedel, Gotthard. (See Hartmann, A., and Bauriedel.)
- Baurmann, Fred W. (See Gilstrap, F. M., and Baurmann.)
- Bauroth, Frederick A. (See Kapitka, A. T., and Bauroth.)
- Bauroth, Walter J., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Electrical conductor support. 1,934,784; Nov. 14.
- Baus, Bernard P., Waco, Tex. Automobile table. 1,897,107; Feb. 14.
- Bausch, Edward, and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus. 1,934,582; Nov. 7.
- Bausch & Lomb Optical Company. (See Aspenleiter, Joseph W., assignor.)
- Bausch & Lomb Optical Company. (See Bausch, E., and Kurtz, assignors.)
- Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
- Bausch & Lomb Optical Company. (See Emmons, Richard C., assignor.)
- Bausch & Lomb Optical Company. (See Fassin, Gustave, assignor.)
- Bausch & Lomb Optical Company. (See Foster, Leon V., assignor.)
- Bausch & Lomb Optical Company. (See Jobe, Frederick W., assignor.)
- Bausch & Lomb Optical Company. (See Kurtz, Henry F., assignor.)
- Bausch & Lomb Optical Company. (See Martin, Allan F., assignor.)
- Bausch & Lomb Optical Company. (See McCabe, Joseph J., assignor.)
- Bausch & Lomb Optical Company. (See Morris, Edward M., assignor.)
- Bausch & Lomb Optical Company. (See Patterson, William L., assignor.)
- Bausch & Lomb Optical Company. (See Powell, John R., assignor.)
- Bausch & Lomb Optical Company. (See Rayton, Wilbur B., assignor.)
- Bauschard, Otto F., Erie, Pa. Rigid awning. 1,926,609; Sept. 12.
- Bausman, Alonzo L., Springfield, Mass. Method and apparatus for making confections. 1,916,960; July 4.
- Bausman, Alonzo L., Springfield, Mass. Laundry press. 1,937,052; Nov. 28.
- Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Machine for decorating confections. 1,908,812; May 16.
- Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Method and apparatus for decorating confections. 1,911,875; May 30.
- Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Article aligning mechanism. 1,916,959; July 4.
- Bautz, Daniel, assignor to A. Mutsch, Milwaukee, Wis. Testing gauge. 1,897,832; Feb. 14.
- Bauwens, Seraphine F., Chicago, Ill. Decorative bow for hat bands or the like. 1,900,481; Mar. 7.
- Baya, Anton. (See Kent, E. A., Baya and Youmann.)
- Bawden, Alonzo C., El Monte, Calif. Sandpaper holder device. 1,921,211; Aug. 8.
- Bawden, William, assignor of one-half to C. B. Baker, St. Louis, Mo. Hose coupling. 1,898,283; Feb. 21.
- Bawtenheimer, Reginald B., Sarnia, Ontario, Canada. Building facing. 1,926,257; Sept. 12.
- Bax, Heinrich, Brooklyn, N. Y. Machine for forming mesh wires. 1,915,281; June 27.
- Baxenden, Thomas G., Watford, and J. R. Collyear, Bushey, England. Spool for photographic films. 1,892,717; Jan. 3.
- Baxenden, Thomas G., Watford, and J. R. Collyear, Bushey, England. Spool for photographic films. 1,931,219; Oct. 17.
- Baxenden, Thomas G., Watford, and F. J. Shepherd, Mill Hill, London, assignors to Ilford Limited, Ilford, England. Photographic film pack. 1,936,654; Nov. 28.
- Baxter, Clarence P., Ridge, N. J. Drapery fabric or the like. Des. 90,936; Oct. 31.
- Baxter, Donald E., Los Angeles, Calif. Container and closure means for the same. 1,941,071; Dec. 26.
- Baxter, George E., Los Angeles, Calif. Color film and making same. 1,939,947; Dec. 19.
- Baxter, George L. and F. W. Strachauer, Sacramento, and R. S. Twogood, Berkeley, Calif. Locomotive fire-brook. 1,900,324; Mar. 7.
- Baxter, Harold G., Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,901,692; Mar. 14.
- Baxter, Henry C., Babylon, assignor to Andrew McLean Company, New York, N. Y. Self-draped curtain. 1,927,767; Sept. 19.
- Baxter, James. (See Tivendale, W., and Baxter.)
- Baxter-Lane Paper Corporation. (See Heath, Tarlton F., assignor.)
- Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the end portions of shoes. 1,896,153; Feb. 7.
- Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Crimping machine. 1,930,464; Oct. 17.
- Bay, Charles A., Morristown, N. J. Extension ladder. 1,899,742; Feb. 28.
- Bay, Charles A., Morristown, N. J., assignor to James R. Kearney Corporation, St. Louis, Mo. Connecting device for electrical conductors. 1,919,457; July 25.
- Bay Company, The. (See Schulz, Otto C., assignor.)
- Bay Company, The. (See Valentine, Octave L., assignor.)
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bay, Zoltan, Berlin, Germany. Method of and device for operating luminous tubes. 1,936,005; Nov. 21.
- Bayan, Sergio, Lucena Tayabas, P. I. Polishing device. 1,938,480; Dec. 5.
- Bayer, Andrew, Baltimore, Md. Envelope. 1,897,602; Feb. 14.
- Bayer Company, The. (See Hermant, Henry, assignor.)
- Bayer, Ernest. (See Smath, A., and Bayer.)
- Bayer, Ernest G., Middle Village, Long Island, N. Y. Thermometer. 1,893,388; Jan. 8.
- Bayer, Otto, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dichloromethyl-antraquinones and making same. 1,899,304; assignor.)
- Bayer, Otto, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyes-stuffs of the anthraquinone series. 1,938,993; Dec. 12.
- Bayer, Otto, Frankfurt-on-the-Main, and F. Baumann, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyes-stuffs of the anthrapyridone and the anthrapyrimidone series. 1,903,857; Apr. 18.
- Bayer, Richard, Karlsruhe, assignor to F. Uhde, Dortmund, Germany. Production of liquid products from solid or liquid carbonaceous materials. 1,936,819; Nov. 28.
- Bayer-Semesan Company. (See Engelmann, Max, assignor.)
- Bayernwerk Aktiengesellschaft, the Firm. (See Gröbl, Josef, assignor.)
- Bayes, Elijah W., Parsons, Kans. Railway track crossing construction. 1,900,788; Mar. 7.
- Bayes, Elijah W., Parsons, Kans. Safety shut-off for locomotives. 1,925,581; Sept. 5.
- Bayes, Robert R., London, England, assignor to Baker & Company, Inc., Newark, N. J. Dental alloy for cast dentures. 1,930,119; Oct. 10.
- Bayle, André. (See Arthuys, J. M., and Bayle.)
- Bayle, Edmond, H. George, and Au Maché, Paris, France. Protection and authentication of articles. 1,899,452; Feb. 28.
- Bayles, John H. G., Nottingham, England. Thread changing feeder mechanism of circular knitting machines. 1,921,902; Aug. 8.
- Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Blowing device for rock drills. 1,902,536; Mar. 21.
- Bayless, John L., Anchorage, assignor to Jefferson Island Salt Co., Inc., Louisville, Ky. Carton. 1,909,649; May 16.
- Bayley, William, Company, The. (See Zimmerman, Ralph W., assignor.)
- Bayley, William D., Springfield, Ohio. House for brooding. 1,924,480; Aug. 29.
- Baylis, George A., Huntington, N. Y. Battery light for refrigerators, ice boxes, closets, and the like. 1,906,181; Apr. 25.
- Baylis, Robert N., Caldwell, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receiver. 1,908,279; May 9.
- Baylis, Walter S., assignor to Filtrol Company of California, Los Angeles, Calif. Filtering oils through paper. 1,906,356; May 2.

- Baylis, Walter S., assignor to Filtrol Company of California, Los Angeles, Calif. Separating crystalline wax, amorphous wax, and lubricating oil from wax slop. 1,939,946; Dec. 19.
- Baylis, Walter S., and D. S. Belden, assignors to Filtrol Company of California, Los Angeles, Calif. Decolorizing oils with acid-activated earth and water. 1,898,165; Feb. 21.
- Baylor, Maxwell H. (See Statler, H. P., Kearney, and Baylor.)
- Bayman, Fred, and R. C. Brennessholtz, Seattle, Wash. Automobile table. 1,900,325; Mar. 7.
- Bayne, Charles D., Baytown, Tex., assignor to Standard Oil Development Company. Eliminating water hazard in treating oils. 1,899,889; Feb. 28.
- Baynham, Lehr M., Mount Carmel, Pa. Hair trimming and singing device. 1,928,242; Sept. 26.
- Baze, Maxime, Paris, assignor to Holding Internationale Society Anonyme, Luxembourg, Grand-Duchy of Luxembourg. Apparatus for connecting a source of acoustic waves with several listeners for a suitable time. 1,921,961; Aug. 8.
- Bazeley, Arthur J., Cleveland, Ohio. Uncoupling mechanism for rotor couplers. 1,915,146; June 20.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for car couplers. 1,897,461; Feb. 14.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Uncoupling mechanism for car couplers. 1,923,137; Aug. 22.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,925,830; Sept. 5.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,932,438; Oct. 31.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,932,439; Oct. 31.
- Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler construction. 1,932,440; Oct. 31.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,932,503; Oct. 31.
- Bazeley, Arthur J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler operating means. 1,932,719; Oct. 31.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-covering apparatus. 1,903,278; Apr. 4.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for treating heels. 1,930,579; Oct. 17.
- Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Grinding apparatus. 1,933,581; Nov. 7.
- Beach, Albert L., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 1,916,552; July 4.
- Beach & Arthur, Inc. (See Krueger, Elmer R., assignor.)
- Beach & Arthur, Inc. (See Levy, Joseph, assignor.)
- Beach, Chester H., Milwaukee, assignor, by mesne assignments, to S. C. Johnson & Son, Racine, Wis. Floor polishing and vacuum cleaning machine. 1,933,492; Oct. 31.
- Beach, Clarence E., Boston, and F. E. Weld, Newton, assignors to The Gamewell Company, Newton Upper Falls, Mass. Signal recorder. 1,920,237; Aug. 1.
- Beach, George E. (See Beebe, Fredrick E., assignor.)
- Beach Laboratories, Inc. (See Tseng, Andrew T. K., assignor.)
- Beach, Royal A., Racine, Wis. Drink mixer. 1,913,654; June 13.
- Beach, Royal A., Racine, Wis. Drink mixer. 1,927,253; Sept. 19.
- Beach, William E., Riverside, Ill. Method and machine for use in paper making industry. 1,919,289; July 25.
- Beacham, Edwin B., assignor to Chipman Knitting Mills, Easton, Pa. Hosiery. Re18,757; Mar. 7.
- Beacham, Thomas E. (See Hele-Shaw, H. S., Beacham, and Davies.)
- Beacham, Thomas E., et al. (See Hele-Shaw, H. S., Beacham, and Mills.)
- Beacon Burner Mfg. Corp. (See Parker, Eugene, assignor.)
- Beacon Enameled Products, Inc. (See Fitz Gerald, Gerald W., assignor.)
- Bead Chain Manufacturing Company, The. (See Gagnon, William J., assignor.)
- Bader, Stephan, Philadelphia, Pa. Drill chuck. 1,909,799; May 16.
- Beadle, Blanche E., Springfield, Mass. Hair former. 1,916,945; July 4.
- Beagan, James, Brooklyn, N. Y. Baby's safety strap and harness. 1,897,882; Feb. 14.
- Beagan, James T., Brooklyn, N. Y. Baby's safety strap and harness. 1,930,378; Oct. 10.
- Beal, Arthur G. (See Middleton, C. J., and Beal.)
- Beal, Carl L., Cuyanaoga Falls, assignor to American Anode, Inc., Akron, Ohio. Manufacturing rubber articles. 1,908,654; May 9.
- Beal, Carl L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protecting rubber surfaces. 1,919,766; July 25.
- Beal, Fay, assignor to Kingston Products Corporation, Kokomo, Ind. Automobile doorlocking system. 1,901,548; Mar. 14.
- Beal, Fay, assignor to Kingston Products Corporation, Kokomo, Ind. Electric doorlock. 1,901,721; Mar. 14.
- Beal, Fay, Kokomo, Ind., assignor, by mesne assignments, to George Eaton, Cleveland, Ohio. Appliance plug. 1,914,709; June 20.
- Beal, Fay, assignor to Kingston Products Corporation, Kokomo, Ind. Choke and starter switch control. 1,922,346; Aug. 15.
- Beale, Charles E. (See Gillings, C., Belas, Beale, Taylor, and Baker.)
- Beale, Charles E., and R. Taylor, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,912,122; May 30.
- Beall, Cecil C., Valhalla, assignor of one-half to Cecil, Warwick & Cecil, New York, N. Y. Making composite pictures having dual effects. 1,936,444; Nov. 21.
- Beall, Herbert W. (See Moise, H. D., and Beall.)
- Beall, John S. (See McDougall, George F., assignor.)
- Beall, Orville H., and O. De Cardy, Chicago, Ill. Paper weight or similar article. Des. 89,116; Jan. 31.
- Beall, Orville H., and O. De Cardy, Chicago, Ill. Paper weight or similar article. Des. 90,228; July 4.
- Beall, Robert F., Pressmen's Home, Tenn. Stop-actuating register. 1,925,743; Sept. 5.
- Beall, William L., Chattanooga, Tenn., assignor to International Harvester Company. Implement attachment for tractors. 1,940,992; Dec. 26.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 89,623; Apr. 18.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 89,624; Apr. 18.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 89,864; May 16.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 89,865; May 16.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 89,866; May 16.
- Beam, Lois M., Short Hills, N. J., assignor to Hendrick Manufacturing Company. Grille or the like. Des. 90,096; June 13.
- Beam, Vilynn O. (See Bell, Robin A., and Beam.)
- Beam, Vilynn O. (See Branche, N. T., and Beam.)
- Beam, Vilynn O., assignor to Surface Combustion Corporation, Toledo, Ohio. Motor operated valve. 1,905,884; Apr. 25.
- Bean, Guy M., Los Angeles, Calif., assignor to American Arch Company, New York, N. Y. Locomotive fire box. 1,936,747; Nov. 28.
- Bean, Ivan L. (See Bean, Louis A., assignor.)
- Bean, John, Mfg. Co. (See Cadwell, R. K., and Winheim, assignors.)
- Bean, Lawrence G., assignor to The Bristol Company, Waterbury, Conn. Measuring instrument for the motion of rotary distributing tops. 1,911,740; May 30.
- Bean, Louis A., assignor to I. L. Bean, Denver, Colo. Reflector. 1,898,166; Feb. 21.
- Bean, Louis A., assignor to I. L. Bean, Denver, Colo. Reflector. 1,898,167; Feb. 21.
- Bean, Tilford H., Irvington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 1,914,098; June 13.
- Bean, William L., West Haven, Conn. Locomotive structure. 1,932,008; Oct. 24.
- Beanblossom, Emmett M., Corydon, Ind. Foliage trimmer. 1,902,114; Mar. 21.
- Beane, Charles H. (See Browne, Charles A., assignor.)
- Beane, Edwin A., Oak Park, and E. F. Andrews, Chicago, Ill., assignors to Radio Corporation of America. High frequency amplifier. 1,920,342; Aug. 1.
- Beane, Harry E., Pittsburgh, Pa., and G. P. Lonergan, Kansas City, Mo., assignors to The Bristol Company, Waterbury, Conn. System for maintaining a predetermined moisture content of natural gas. 1,915,971; June 27.
- Beans, Hal T. (See Reilly, J., and Beans.)
- Beans, Hal T., Palisade, N. J., assignor to Durium Products Corporation, New York, N. Y. Sound record and composition of same. 1,915,282; June 27.
- Bear, Louis H., Chicago, Ill. Pocket comb and brush. 1,922,347; Aug. 15.
- Bear Manufacturing Company. (See Wochner, Henry, assignor.)
- Bear, Paul S., assignor to James Heddon's Sons, Dowagiac, Mich. Fishing rod. 1,918,583; July 18.
- Bear, Paul S., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical connection. 1,899,254; Feb. 28.
- Bear, Paul S., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mercury switch. 1,918,794; July 18.
- Bear-Stewart Co. (See Goodman, William L., assignor.)
- Bear Mill Manufacturing Company. (See Poley, Morris, assignor.)

- Beard, Bert, assignor to G. M. Holley, Detroit, Mich. Downdraft carburetor. 1,923,473; Aug. 22.
- Beard, Claude A., Chicago, Ill. Attachments for golf bags or the like. 1,895,366; Jan. 24.
- Beard, Elmer E., Olympia, Wash. Producing linotype pellets from linotype slugs. 1,903,329; Apr. 4.
- Beard, Howard I., Danbury, Conn. Anti-friction bearing. 1,911,544; May 30.
- Beard, John B. (See Triplett, S. F., and Beard.)
- Beard, John M., Lackawanna, N. Y. Support or holder for wardrobe trunks. 1,926,134; Sept. 12.
- Beard, Leslie C., jr. (See Rather, J. B., Beard, and Reiff.)
- Beardslee, Arthur C., and C. G. Clark, Arcade, N. Y. Combination axle. 1,931,919; Oct. 24.
- Beardsley, Alling P. (See Berry, G. A., Linville, and Beardsley.)
- Beardsley, Alling P., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Apparatus for use in the catalytic oxidation of gases. 1,918,080; July 11.
- Beardsley, Alling P., Plainfield, N. J., and N. A. Laury, Rockville Center, N. Y., assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Making sulphur trioxide. 1,941,426; Dec. 26.
- Beardsley, Alling P., Plainfield, N. J., and N. A. Laury, Rockville Center, N. Y., assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Making sulphur trioxide. 1,941,427; Dec. 26.
- Beardsley, Bruce, Brooklyn, W. C. Chadbourne, Elmhurst, N. Y., and M. B. Smith, East Orange, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Strap conveyor system. 1,941,144; Dec. 26.
- Beardsley, Edwin W., and D. M. Evans, Texas City, Tex., assignor to Petroleum Conversion Corporation, New York, N. Y. Distilling mineral oils. 1,901,863; Mar. 21.
- Beardsley, Elmer O., assignor to The Beardsley Piper Company, Chicago, Ill. Thermostatically controlled mixing device. 1,900,221; Mar. 7.
- Beardsley, Lester A., assignor to Norwich Wire Works, Inc., Norwich, N. Y. Bobbin crate. 1,941,428; Dec. 26.
- Beardsley & Piper Company, The. (See Beardsley, Elmer O., assignor.)
- Beardsley & Piper Company, The. (See Furman, George, assignor.)
- Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
- Beardsley, Robert O., assignor to Jones & Lamson Machine Company, Springfield, Vt. Screw thread gauge. 1,939,643; Dec. 19.
- Beardsley & Wolcott Mfg. Co. (See Wolcott, Frank E., assignor.)
- Beardsley & Wolcott Mfg. Co., The. (See Frank, H., and Galinat, assignors.)
- Beardsley & Wolcott Mfg. Co., The. (See Lucia, Louis V., assignor.)
- Beardsley & Wolcott Manufacturing Company, The. (See Perry, E. D., and Ball, assignors.)
- Bearman, Harry C., Springfield, assignor to J. B. and C. A. Dana, receivers of The (Pierce) Fisk Rubber Company, Chicopee Falls, Mass. Multiple bead positioning ring. 1,923,062; Aug. 22.
- Beasley, Ira V. (See Leriche, W., and Beasley.)
- Beasley, Thomas, London, England. Valve for inflation purposes. 1,924,634; Aug. 29.
- Beaton & Cadwell Manufacturing Company, The. (See Cadwell, William H., assignor.)
- Beatty, Earle J. R., Edgewood, assignor to Universal Optical Corporation, Providence, R. I. Construction of ophthalmic mountings. 1,932,261; Oct. 24.
- Beatty, Earle J. R., Edgewood, R. I., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 1,934,906; Nov. 14.
- Beatty, Earle J. R., Edgewood, assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 1,940,113; Dec. 19.
- Beattie Manufacturing Co., The. (See Beattie, Walter J., assignor.)
- Beattie, Orville S. (See Griffith, D. W., and Beattie.)
- Beattie, Walter J., assignor to The Beattie Manufacturing Co., Cohoes, N. Y. Manufacturing soft collars and product thereof. Re18,732; Feb. 7.
- Beattie, Walter J., assignor to The Beattie Manufacturing Co., Cohoes, N. Y. Collar point shaping machine. 1,896,934; Feb. 7.
- Beattie, William P., and J. B. Sando, Norwood, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Reversing drive. 1,912,060; May 30.
- Beatty, Chas. A. (See Boynton, Alexander, assignor.)
- Beatty, George W. (See Dabrasky, A., and Beatty.)
- Beatty, John T. (See Moulding, T. G., and Beatty.)
- Beatty, Philip J. (See Lee, J. E., Barney, and Beatty.)
- Beatty, Robert J., assignor to The Federal Glass Company, Columbus, Ohio. Apparatus for completing pressed blown ware or blown ware. 1,908,303; May 9.
- Beatty, Ross J. (See Moulding, T. G., and Beatty, assignors.)
- Beatty, William F., Woodside, assignor of one-half to C. Sakon, New York, N. Y. Game. 1,918,892; July 18.
- Beatty, William R., Hammond, Ind. Punch press mechanism. 1,926,576; Sept. 12.
- Beaty, John W. (See Council, O., Beaty and Baker.)
- Beaubien, Philippe de G., Outremont, and J. F. Schneider, Montreal, Quebec, Canada, and François M. Dupont, Chicago, Ill., assignor to The Canadian Research Corporation, Limited, Montreal, Quebec, Canada. Mashing malt and malt mixture. 1,896,658; Feb. 7.
- Beauchamp, Dora F., New York, N. Y. Retaining and sustaining device. 1,917,086; July 4.
- Beauchamp, Paul W., and G. Beckam, assignors of one-fourth to Harry C. Schroeder, Oakland, Calif. Repeating rubber band rifle. 1,909,927; May 23.
- Beauchamp, Reginald E., Oaklyn, N. J., and H. L. Otto, assignors to Artcrafter's Guild, Philadelphia, Pa. Combined bar cabinet and mantel. Des. 90,908; Oct. 24.
- Beauchamp, Wilfred A. (See Tobin, K. J., and Beauchamp, assignors.)
- Beauchamp, Wilfred A., assignor to Camel Company, Chicago, Ill. Latching device. 1,916,650; July 4.
- Beauchamp, Wilfred A., assignor to Camel Company, Chicago, Ill. Supporting means for car doors. 1,933,090; Oct. 31.
- Beauchamp, William L. (See Davis, R. S., and Beauchamp, assignors.)
- Beauchesne, François X., Black Lake, Quebec, Canada. Saw set. 1,907,233; May 2.
- Beaudry, Alfred, assignor to Christopher Candy Company, Los Angeles, Calif. Dehumidifying refrigerating display case. 1,928,243; Sept. 26.
- Beaudry, George P., Montreal, Quebec, Canada. Internal combustion engine. 1,904,816; Apr. 18.
- Beau Ideal Food Co. (See Grande, Albert, assignor.)
- Beaumont Birch Company. (See Beaumont, Robert H., assignor.)
- Beaumont Iron Works Company. (See Myers, Gordon F., assignor.)
- Beaumont, James F. (See Moore, G. D., and Beaumont.)
- Beaumont, R. H., Company. (See Hale, William E., assignor.)
- Beaumont, Robert H., Radnor, assignor to Beaumont Birch Company, Philadelphia, Pa. Control means for a winding machine. 1,915,256; June 20.
- Beauregard, Aime P., Ware, Mass. Electric signal for gear shift and brake levers. 1,913,788; June 13.
- Beauty Utilities, Inc. (See Darby, J., and Thatcher, assignors.)
- Beauty Utilities, Inc. (See Durham, H. N., and Finnegan, jr., assignors.)
- Beauty Utilities, Inc. (See Gentile, Virginio J., assignor.)
- Beausvais, Hans, Cologne, Germany, assignor to The Gerrard Company, Inc., Chicago, Ill. Wire-tying machine. 1,928,875; Oct. 3.
- Beaver, David J., Elizabeth, N. J., assignor to General Atlas Carbon Company, Dover, Del. Method of and apparatus for producing carbon black. 1,902,753; Mar. 21.
- Beaver, David J., Elizabeth, N. J., assignor, by mesne assignments, to Doherty Research Company, New York, N. Y. Compounding oil-resistant rubber stock and product made thereby. 1,930,437; Oct. 10.
- Beaver, John G. (See Bricken, John.)
- Beaver Manufacturing Company. (See Slade, Harold E., assignor.)
- Beaver, Rudolph, Belmont, assignor to Rudolph Beaver, Inc., Boston, Mass. Detachable blade surgical knife. 1,915,244; June 20.
- Beaver, Rudolph, Inc. (See Beaver, Rudolph, assignor.)
- Beavers, Roy J., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working machine. 1,904,848; Apr. 18.
- Beazley Power Mower Co. (Incorporated). (See Beazley, William E., assignor.)
- Beazley, William E., assignor to Beazley Power Mower Co. (Incorporated), St. Petersburg, Fla. Power-operated lawn mower. Re18,944; Sept. 12.
- Bebb, Harry T., assignor to The Canton Stamping & Enameling Company, Canton, Ohio. Burning rack. 1,914,967; June 20.
- Behel, Abraham, New York, N. Y. Safety removable fastener. 1,900,152; Mar. 7.
- Bebie, Edwin W. (See Lippitt, H., and Bebie.)
- Bebie, Edwin W., Hawthorne, N. J., assignor to International Paper Company. Core splicing machine. 1,920,343; Aug. 1.
- Beboutoff, Michel, Lyon, France, assignor to L. J. Hyams and Company, New York, N. Y. Printed textile fabric or similar article. 88,901; Jan. 3.
- Beby, Percival P., Boston, Mass., assignor to Englander Spring Bed Company, New York, N. Y. Sliding couch bed. 1,922,613; Aug. 15.
- Bechak, Nerses, North Bergen, N. J. Engraving printing cylinders. 1,938,313; Dec. 5.
- Becher, Hubert L., Trenton, assignor to The Agasote Millboard Company, Fernwood Road, Ewing Township, Mercer County, N. J. Fire-resistant pulp board and method of making the same. 1,907,711; May 9.
- Becher, Hubert L., Trenton, assignor to The Agasote Millboard Company, Ewing Township, N. J. Pulpboard. 1,939,616; Dec. 12.
- Becher, Willy, Bussum, Netherlands. Manufacturing chlorine dioxide. 1,904,190; Apr. 18.
- Becher, Willy, Bussum, assignor to Naamlooze Vennootschap: Stoom-Meeffabrik Holland, Amsterdam, Netherlands. Improving the color and the baking quality of flour, meal, and milling products. 1,910,741; May 23.
- Bechert, Fred J., Stamford, assignor to The Fafnir Bearing Company, New Britain, Conn. Spring end connection. 1,896,878; Feb. 7.

- Bechert, Fred J., Stamford, assignor to The Fafnir Bearing Company, New Britain, Conn. Spring end connection. 1,896,879; Feb. 7.
- Bechert, Fred J., Stamford, assignor to The Fafnir Bearing Company, New Britain, Conn. Chuck. 1,918,955; July 18.
- Bechert, Fred J., Stamford, assignor to The Fafnir Bearing Company, New Britain, Conn. Spring end connection. 1,928,959; Oct. 3.
- Bechert, Fred J., Stamford, assignor to The Fafnir Bearing Company, New Britain, Conn. Chuck. 1,939,644; Dec. 19.
- Bechler, André, Moutier, Switzerland. Automatic lathe for high speed work. 1,902,754; Mar. 21.
- Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Changeable rotary press. 1,901,075; Mar. 14.
- Bechman, Henry F., by City National Bank & Trust Company, administrator, assignor to Duplex Printing Press Company, Battle Creek, Mich. Changeable rotary press. 1,901,076; Mar. 14.
- Bechman, Rudolf. (See Böhm, O., Bechman, and Roosenstein.)
- Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Internal combustion engine. 1,915,283; June 27.
- Becht, Robert, Co., The. (See Cooke, G. C., and Becht, assignors.)
- Becht, Robert F. (See Cooke, G. C., and Becht.)
- Bechtel, Wayne D., and R. A. Dean, assignors to Shakespeare Company, Kalamazoo, Mich. Minnow trap. 1,941,242; Dec. 26.
- Bechtold, Arthur, Wurzen, Germany. Device for cutting chenille textures. 1,918,369; July 18.
- Bechtold, Reuben E., assignor to The Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Electrical flasher. 1,926,833; Sept. 12.
- Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispenser. 1,930,438; Oct. 10.
- Beck, Allen W., Columbus, Ohio. Grave vault or similar article. Des. 90,563; Aug. 29.
- Beck, Arthur. (See Klein, H., and Beck.)
- Beck, Arthur, Ludwigshafen-on-the-Rhine, and H. Klein, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of vulcanization products. 1,926,424; Sept. 12.
- Beck, Charles, Newark, N. J. Webbing clamp. 1,941,382; Dec. 26.
- Beck, Charles R. and G. L., Anderson, Ind., assignors to Hillerich & Bradys Co., Louisville, Ky. Baseball bat and treating the same. 1,936,579; Nov. 28.
- Beck, Christoph, Ludwigshafen-on-the-Rhine, and H. Diekmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of fatty acids. 1,920,344; Aug. 1.
- Beck, Christoph, Ludwigshafen-on-the-Rhine, and Heinrich Diekmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Oxidation of organic compounds. 1,932,613; Oct. 31.
- Beck, Christoph, Ludwigshafen-on-the-Rhine, H. Diekmann, Mannheim, and F. Kremp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of fatty acids. 1,912,123; May 30.
- Beck, Emil, Chicago, Ill. Spray. 1,895,307; Jan. 24.
- Beck, Ernest T., Stuttgart, Germany, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 90,147; June 20.
- Beck, Ernest T., Stuttgart, Germany, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 90,277; July 11.
- Beck, Ernest T., Gasthof, Germania, Bregenz, Austria, assignor to International Silver Company, Meriden, Conn. Plate or other article of hollowware. Des. 90,937; Oct. 31.
- Beck, Ernest T., Gasthof, Germania, Bregenz, Austria, assignor to International Silver Company, Meriden, Conn. Candlestick base or article of analogous nature. Des. 90,967; Nov. 7.
- Beck, Franz, assignor to Europa Schreibmaschinen A. G., Erfurt, Germany. Line selector for typewriters. 1,939,197; Dec. 12.
- Beck, Garnett L. (See Beck, Charles R. and G. L.)
- Beck, Harold C., Evanston, Ill. Motor operated control mechanism. 1,911,418; May 30.
- Beck, Harold C., Evanston, Ill. Cam mechanism. 1,925,974; Sept. 5.
- Beck, Henry. (See Mentzer, Fred W., assignor.)
- Beck, Henry M., Wilkes-Barre, Pa. Fly holder. 1,900,035; Mar. 7.
- Beck, Koller & Company. (See Linner, Franz, assignor.)
- Beck, Leo L., Westfield, N. J., assignor, by mesne assignments, to General Tube Lights Corporation, New York, N. Y. White light tube. 1,903,494; Apr. 11.
- Beck, Leo L., Westfield, N. J., assignor, by mesne assignments, to General Tube Lights Corporation, New York, N. Y. White light. 1,903,495; Apr. 11.
- Beck, Leo L., Westfield, N. J., assignor, by mesne assignments, to General Tube Lights Corporation, New York, N. Y. Lighting system. 1,903,496; Apr. 11.
- Beck, Leo L., Westfield, N. J., assignor, by mesne assignments, to General Tube Lights Corporation, New York, N. Y. Luminous tube. 1,918,012; July 11.
- Beck, Leo L., Westfield, N. J., and A. E. Noble, Lynbrook, assignors, by mesne assignments, to General Tube Lights Corporation, New York, N. Y. Gas discharge light. 1,903,493; Apr. 11.
- Beck, Morris B., New York, N. Y. Lighting fixture. 1,931,100; Oct. 17.
- Beck, Morris B., Woodmere, N. Y. Lighting fixture. Des. 90,938; Oct. 31.
- Beck, Morris B., Woodmere, N. Y. Lighting fixture. Des. 90,939-40; Oct. 31.
- Beck, Robert L., et al. (See Bert Odatto, George, assignor.)
- Beck, Rudolf. (See Sylvander, R. C., and Beck.)
- Beck, Rudolf, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Recording instrument pen arm. 1,906,514; May 2.
- Beck, Rudolf, assignor to Consolidated Ashcroft Hancock Company, Inc., Bridgeport, Conn. Recording instrument. 1,925,515; Sept. 5.
- Beck, Urban R., and H. A. Stollenberg, Milwaukee, Wis. Motor vehicle window. 1,914,066; June 13.
- Beck, Vernon S., Winfield, Kans. Gas burner. 1,911,177; May 30.
- Beck, Vernon S., Winfield, Kans. Burner. 1,922,348; Aug. 15.
- Beck, Walter, Frankfurt-on-the-Main, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Heat treatment of noncementable metals. 1,914,843; June 20.
- Beck, William, New York, N. Y. Spring. 1,917,486; July 11.
- Beck, William O., Ridgefield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing mechanism. 1,917,008; July 4.
- Beckam, George. (See Beauchamp, P. W., and Beckam.)
- Becker, Adam, assignor of one-fourth to H. Hollingsworth, Kane, Pa. Reel for measuring lines. 1,899,660; Feb. 28.
- Becker, Alfonse N., Milwaukee, Wis., assignor, by mesne assignments, to Automatic Parking Systems, Inc. Garage. 1,919,269; July 25.
- Becker, Aloysius W., Chicago, Ill. Combination ash tray and glass holder. Des. 90,229; July 4.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Light casing for a suction cleaner or similar article. Des. 91,099; Nov. 28.
- Becker, Bernard C., York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,889; Mar. 7.
- Becker, Carl E., Camden, N. J. Drying press. 1,928,087; Sept. 26.
- Becker, Carl E., Camden, N. J. Tooth mold. 1,939,639; Dec. 19.
- Becker, Daniel B. (See Laherty, Edward L., assignor.)
- Becker, Earl S., Schenectady, N. Y. Clothesline lock. 1,913,789; June 13.
- Becker, Earl S., Schenectady, N. Y. Clothesline cleaner. 1,931,887; Oct. 24.
- Becker, Edward P., Grand Tower, Ill. Material for and protecting conduits. 1,894,341; Jan. 17.
- Becker, Ernst, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Air-cooled cylinder. 1,901,693; Mar. 14.
- Becker, Ernst and K. Letters, Duneberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing vulcanized fiber. 1,935,692; Nov. 21.
- Becker, Frank N., assignor to Jeddo-Highland Coal Company, Jeddo, Pa. Generating producer gas. 1,931,716; Oct. 24.
- Becker, Frank N., Drifton, assignor to Jeddo-Highland Coal Company, Jeddo, Pa. Container handling mechanism. 1,934,583; Nov. 7.
- Becker, Franz, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cellulose ester. 1,936,976; Nov. 28.
- Becker, Fred F. (See Davis, C. W., and Becker.)
- Becker, Gabriel, Berlin-Charlottenburg, Germany. Starting device for internal combustion engines. 1,904,117; Apr. 18.
- Becker, George D., West Allis, and R. C. Newhouse, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Packing structure. 1,901,722; Mar. 14.
- Becker, George H., assignor to The Bridgeport Coach Lace Company, Bridgeport, Conn. Narrow webbing. Des. 88,902; Jan. 3.
- Becker, Hans. (See Kraenzlein, G., Vollman, and Becker.)
- Becker, Harry S., River Forest, assignor to American Flyer Mfg. Co., Chicago, Ill. Automatic coupler for toy cars. 1,912,249; May 30.
- Becker, Hazen K. (See Jurgens, E. G., and Becker.)
- Becker, Heinrich, Hattingen-on-the-Ruhr, Germany. Roller bearing. 1,930,190; Oct. 10.
- Becker, Heinrich, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 1,911,220; May 30.
- Becker, Heinrich, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Cooled piston rod for double acting engines. 1,915,284; June 27.
- Becker, Henri L., Schiedam, and A. Kleijn, Rotterdam, Netherlands. Measuring appliance for the delivery of separated quantities of material in powder form. 1,925,650; Sept. 5.

- Becker, Herbert C. (See Towne, C. C., and Becker.)
- Becker, Joseph, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Heating coke ovens and the like. 1,898,970; Feb. 21.
- Becker, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to The Koppers Company of Delaware. Coking retort oven. 1,900,752; Mar. 7.
- Becker, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Cooking retort oven. 1,904,191; Apr. 18.
- Becker, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Charging coking retort ovens. 1,900,753; Mar. 7.
- Becker, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Gas manufacture apparatus. 1,920,622; Aug. 1.
- Becker, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware, Pittsburgh, Pa. Gas and liquid contact apparatus. 1,920,623; Aug. 1.
- Becker, Joseph A., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron emitter and making same. 1,921,065; Aug. 8.
- Becker, Julius H., San Francisco, Calif. Pressure indicator. 1,923,413; Aug. 22.
- Becker, Julius H., San Francisco, Calif., assignor to Alemite Company, Chicago, Ill. Grease dispensing device. 1,902,822; Mar. 28.
- Becker, Kurt, Berlin-Treptow, Germany, assignor to General Electric Company. Circuit controlling device. 1,919,052; July 18.
- Becker, Leo, Youngstown, Ohio. Method and apparatus for manufacturing tubes. 1,910,377; May 23.
- Becker, Leo, Youngstown, Ohio. Cross rolling. 1,923,700; Aug. 22.
- Becker, Logan A. (See Egger, W. F., and Becker.)
- Becker, Logan A. (See Munson, J. M., and Becker.)
- Becker, Logan A., Lakewood, Ohio. Loading apparatus. 1,917,571; July 11.
- Becker, Maxwell M., assignor to George A. Breen and Company, Incorporated, Kansas City, Mo. Therapeutic preparation. 1,935,497; Nov. 14.
- Becker, Nikolaus, Durlach near Karlsruhe, assignor to Schnellpressenfabrik Aktiengesellschaft, Heidelberg, Germany. Guiding device for sheet working printing presses. 1,921,340; Aug. 8.
- Becker, Nils F., assignor to Rhinelander Paper Company, Rhinelander, Wis. Motfling paper. 1,921,649; Aug. 8.
- Becker, P., & Company. (See Schnur, William V., assignor.)
- Becker, Reinhold S., Scottsville, assignor to Eastman Kodak Company, Rochester, N. Y. Acid-hardening fixing bath. 1,930,140; Oct. 10.
- Becker, Robert C., Orange, N. J., and F. H. Allison, Jr., Pittsburgh, Pa., assignors to Crucible Steel Company of America, New York, N. Y. Alloy steel. 1,934,520; Nov. 7.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,908,280; May 9.
- Becker, Rudolph, North Plainfield, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Zigzag-stitching machine. 1,929,384; Oct. 3.
- Becker, Stephen P., Poughkeepsie, N. Y. Wire clamp. 1,932,009; Oct. 24.
- Becker, Stephen P., Poughkeepsie, N. Y. Line tap connector. 1,932,010; Oct. 24.
- Becker, Walter, Feudenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Purifying benzantrone. 1,900,972; Mar. 14.
- Becker, Wilfred T. L., and L. W. Oliver, London, England. Light sensitive film or carrier therefor. 1,927,356; Sept. 19.
- Beckert, Carl J. (See Harris, B. R., Beckert, and Kritchevsky.)
- Beckert, Carl J. (See Kritchevsky, W., Harris, and Beckert.)
- Beckert, Carl J., W. Kritchevsky, and B. R. Harris, Chicago, Ill. Stabilized egg product. 1,924,972; Aug. 29.
- Becket, Alan L., East Orange, N. J. Milk bottle chest. 1,912,818; June 6.
- Becket, Alan L., East Orange, N. J. Leg guard. 1,931,524; Oct. 24.
- Becket, Frederick M., New York, N. Y. Making iron-chromium nickel alloys. 1,903,409; Apr. 4.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Stain-resisting alloy. 1,896,154; Feb. 7.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Corrosion resistant articles of manufacture. 1,896,155; Feb. 7.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Making low-carbon chromium alloys. 1,897,017; Feb. 7.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Stain resisting cobalt alloy. 1,904,712; Apr. 18.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Making nickel steels. 1,907,173; May 2.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Alloy. 1,916,780; July 4.
- Becket, Frederick M., New York, N. Y., assignor to Electro Metallurgical Company. Stain resisting wrought article. 1,920,953; Aug. 8.
- Beckett, Charles A., Hull, England. Machine for graining lithographic plates. 1,900,090; Mar. 7.
- Beckett, Charles A., Hull, England. Machine for graining lithographic plates. 1,926,135; Sept. 12.
- Beckett, Harry S., Pitman, N. J., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Chuck and centering arbor. 1,897,228; Feb. 14.
- Beckett, Reginald W., assignor, by mesne assignments, to Timken Silent Automatic Company, Detroit, Mich. Furnace for liquid fuel burners. 1,921,798; Aug. 8.
- Beckett, Reginald W., and O. Thiel, assignors, by mesne assignments, to Timken Silent Automatic Company, Detroit, Mich. Centrifugal spray device. 1,906,515; May 2.
- Beckley, Will. (See Gross, William M., assignor.)
- Beckley, William R., Geneva, assignor of one-half to A. T. Weiss, Rochester, N. Y. Hair testing device. 1,932,682; Oct. 31.
- Beckman, Harold E., White Plains, N. Y., assignor to Springfield Facing Company, Springfield, Mass. Parting compound for treating sand molds. 1,906,357; May 2.
- Beckman, Hilding W., Malmo, Sweden. Rotating paper bag machine. 1,894,726; Jan. 17.
- Beckmann, Hermann, Berlin-Zehlendorf, Germany. Rubber coated article. 1,909,746; May 16.
- Beckmann, Hermann, Berlin-Zehlendorf, Germany. Porous body. 1,918,893; July 18.
- Beckmann, Hermann, Berlin-Zehlendorf, Germany. Indellible print. 1,930,301; Oct. 10.
- Beckmann, Walter, Tornesch, and M. Deseniss and A. Nielsen, assignors to the Firm of New York Hamburger Gummi Waaren Comp., Hamburg, Germany. Plant for manufacturing chlorination products of caoutchouc. 1,918,370; July 18.
- Beckstrom, Carl V., assignor to Deere & Company, Moline, Ill. Clamping device. 1,931,101; Oct. 17.
- Beckwith, Charles F., Flushing, assignor to Aqua Systems Incorporated, New York, N. Y. Overhead storage tank. 1,906,834; May 2.
- Beckwith, Giles A., Waterford, Conn. Antiskid chain. 1,909,803; May 16.
- Beckwith, Harry H. (See Jennings, Melvin O., assignor.)
- Beckwith, Harry H. (See Woodruff, Frank O., assignor.)
- Beckwith, Harry H., Brookline, assignor to Beckwith Manufacturing Company, Boston, Mass. Shoemaking. 1,909,089; May 16.
- Beckwith, Louis I., Brookline, Mass. Mortuary rack. 1,914,767; June 20.
- Beckwith Manufacturing Company. (See Beckwith, Harry H., assignor.)
- Beckwith Manufacturing Company. (See Eager, Frederick W., assignor.)
- Beckwith Manufacturing Company. (See Miller, Harold S., assignor.)
- Becotte, Rene, Lawrence, Mass. Toy. Des. 89,032; Jan. 17.
- Becton, Dickinson & Co. (See Lawshe, Errol R., assignor.)
- Becze, George. (See Török, G., and Becze.)
- Bedard, Napoleon, Quebec, Quebec, Canada. Smoke consumer and fuel economizer. 1,914,476; June 20.
- Bedard, Wilfrid, and J. F. Lockhart, Selkirk, Manitoba, Canada. Automobile jack. 1,899,131; Feb. 28.
- Beddoo, Ira H., Venice, Calif. Expansion compensator. 1,905,991; Apr. 25.
- Bedell, Carl E., Sherrard, assignor to Wheeling Steel Corporation, Wheeling, W. Va. System of apparatus for galvanizing metal pipes. 1,917,918; July 11.
- Bedell, Cornelia F., Nyack, N. Y. Game or puzzle board. 1,899,177; Feb. 28.
- Bedell, Ethan A., Evanston, Ill., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for skiving. 1,906,358; May 2.
- Bedell, Eual H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,907,712; May 9.
- Bedell, Eual H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,914,099; June 13.
- Bedell, Lester D., and E. A. Wheaton, Sparrows Point, Md., assignors to Bethlehem Steel Company. Making a three-piece door frame. 1,915,398; June 27.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Alternating current generator. 1,898,932; Feb. 21.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Phase shifting circuits. 1,900,538; Mar. 7.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Phase shifting circuits. 1,901,694; Mar. 14.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric phase shifting circuit. 1,911,051; May 23.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 1,914,192; June 13.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electrical regulating circuit. 1,914,193; June 13.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Phase shifting circuits. 1,918,173; July 11.

- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric timing and counting device. 1,927,676; Sept. 19.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,930,302; Oct. 10.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 1,930,303; Oct. 10.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,933,303; Oct. 31.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,935,431; Nov. 14.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 1,938,367; Dec. 5.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve frequency system. 1,938,368; Dec. 5.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Alternating current motor system. 1,939,432; Dec. 12.
- Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system and excitation apparatus therefor. 1,939,433; Dec. 12.
- Bedford, Edward B., and M. G. Parker, assignors to Oneida Community, Limited, Oneida, N. Y. Dish or similar article. Des. 89,738; May 2.
- Bedford, Edward B., and M. G. Parker, assignors to Oneida Community, Limited, Oneida, N. Y. Dish or similar article. Des. 89,983; May 23.
- Bedford, Edward B., and M. G. Parker, assignors to Oneida Community, Limited, of Oneida, N. Y. Dish or similar article. Des. 89,984; May 23.
- Bedford, Frederick G. H., et al. (See Parsons, C. A., and Rosen.)
- Bedford, Frederick G. H., Legal representative et al. (See Anderson, Ernest H. B.)
- Bedford, Frederick G. H., et al., legal representatives. (See Parsons, C. A. Cook, and Douglas.)
- Bedford, Jesse, assignor of one-half to M. C. Park, Luton, England. Hydraulic transmission mechanism. 1,924,017; Aug. 22.
- Bedford, John A. (See Parrish, Richard, assignor.)
- Bedford, Leslie H., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Indirectly heated cathode. 1,904,261; Apr. 18.
- Bedford, Leslie H., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Cathode for electron discharge devices and making the same. 1,921,066; Aug. 8.
- Bedford, Leslie H., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacture of thermionic devices. 1,921,067; Aug. 8.
- Bedford, Reginald A., Sheffield, England. Rock drill. 1,941,289; Dec. 26.
- Bedur, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hose. 1,919,356; July 25.
- Bedur, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for vulcanizing hose. 1,939,871; Dec. 19.
- Bedur, George K., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coupling for flexible hose. 1,939,872; Dec. 19.
- Beebe, Alan P., Detroit, Mich. Cigarette and match package. 1,927,200; Sept. 19.
- Beebe, Edward M., Shawnee, Okla. Quick opening blow-off valve. Re18,946; Sept. 12.
- Beebe, Edward M., Shawnee, Okla. Pump manifold ball valve. 1,938,369; Dec. 5.
- Beebe, Fredrick E., Willowick, assignor to G. E. Beach, Cleveland, Ohio. Automatic control valve. 1,924,177; Aug. 29.
- Beebe, H. R., Inc. (See Metzler, Frederick, assignor.)
- Beebe, John D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Play ball and making the same. 1,919,357; July 25.
- Beebe, Stanley J., assignor of thirty-three percent to G. A. Covacevich, Brownsville, Tex. Salt dispenser. 1,937,505; Dec. 5.
- Beebe, Ward L., St. Paul, Minn. Teat dilator. 1,899,492; Feb. 28.
- Beecher, Brazier K. (See Lynn, G., Allen, and Beecher.)
- Beecher, Chester E., Norristown, assignor to The Glassine Paper Company, West Conshohocken, Pa. Laminated sheet material. 1,936,375; Nov. 21.
- Beecher, Eugene L., East Cleveland, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 1,901,839; Mar. 14.
- Beecher, Eugene L., East Cleveland, assignor to The Gabriel Company, Cleveland, Ohio. Hydraulic shock absorber and control means therefor. 1,911,545; May 30.
- Beech-Nut Packing Company. (See Gore, John, assignor.)
- Beede, Herbert G. (See Beede, Robert J., and H. G.)
- Beede, Herbert G., Pawtucket, R. I. Actuating mechanism for garment pressing machines. 1,897,689; Feb. 14.
- Beede, Robert J., and H. G. Beede, Pawtucket, R. I. Spring cushion. 1,924,973; Aug. 29.
- Beegle, Raymond E., East St. Louis, Ill. Tool handle. 1,932,011; Oct. 24.
- Beeh, Louis, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Fuel supply pump. 1,917,690; July 11.
- Beeh, Louis, and W. E. Schwarzmann, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Ignition device. 1,922,655; Aug. 15.
- Beeh, Louis, and W. E. Schwarzmann, Longmeadow, assignors to United American Bosch Corporation, Springfield, Mass. Timer for internal combustion engines. 1,935,610; Nov. 21.
- Beehler, Howard L., assignor to Hamilton Watch Company, Lancaster, Pa. Escape wheel. 1,928,554; Sept. 26.
- Beehler Steel Products Company. (See Steinbreder, William J., assignor.)
- Beekley, John S., Charleston, W. Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Gas analysis. 1,893,490; Jan. 10.
- Beekley, John S., Charleston, W. Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat recovery system. 1,923,656; Aug. 22.
- Beekman, Edwin L., Middletown, N. J. Comminutor or cutter. 1,933,961; Nov. 7.
- Beekman, Royce A., Schenectady, N. Y., assignor to General Electric Company. Power system. 1,899,550; Feb. 28.
- Beemack Furnace Company. (See MacDougall, Robert, assignor.)
- Beeman, Andrew A., Boyne City, Mich. Hoe. 1,895,875; Jan. 31.
- Beeman, Edwin R., Minneapolis, Minn. Electrical door operating device. 1,905,126; Apr. 25.
- Beeman, Edwin R., and L. B. Edwards, Minneapolis, Minn.; said Edwards assignor to said Beeman. Door actuating mechanism. 1,916,651; July 4.
- Beeman, Edwin R., and L. B. Edwards, Minneapolis, Minn.; said Edwards assignor to said Beeman. Door operating mechanism. 1,916,652; July 4.
- Beeman, Edwin R., and L. B. Edwards, Minneapolis, Minn.; said Edwards assignor to said Beeman. Door operating mechanism. 1,940,485; Dec. 19.
- Been, Olof W., Skaneateles, Mich. Arcuate threaded bar and nut. 1,925,948; Sept. 5.
- Beer Karl, E. Klalber, Stuttgart, and H. Arnold, Walldingen, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Interrupter switch. 1,935,467; Nov. 14.
- Beerbower, Russell D., Fort Wayne, Ind. Mechanical toy. 1,902,154; Mar. 21.
- Beers, Clarence W. (See Schneider, Carl N., assignor.)
- Beers, George L., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Amplification system. 1,907,478; May 9.
- Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Radioreceiver. 1,915,483; June 27.
- Beers, George L., Merchantville, N. J., assignor to Westinghouse Electric & Manufacturing Company. Amplifier. 1,916,405; July 4.
- Beers, George L., East Pittsburgh, and W. S. Barden, North Braddock, Pa., assignors to Westinghouse Electric and Manufacturing Company. Loud speaker mounting. 1,902,609; Mar. 21.
- Beers, John R., Bloomfield, N. J. Thermostat switch. 1,894,150; Jan. 10.
- Beers, Lucius H., West Hampton Beach, N. Y. Mooring device. 1,923,657; Aug. 22.
- Beers, McWhorter, Laurel, Miss. Ledger sheet. 1,899,453; Feb. 28.
- Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker mechanism. 1,938,681; Dec. 12.
- Beery, John W., Rosamond, Calif. Pipe and nut wrench. 1,924,393; Aug. 29.
- Beeser, Ferdinand. (See Jaite, C. H., and Beeser.)
- Beesley, Lawrence, and C. C. Williams, Provo, Utah. Air mail-bag transfer. 1,925,171; Sept. 5.
- Beeson, Arthur W., Washington, Pa., assignor to Hazel Atlas Glass Company, Wheeling, W. Va. Transfer mechanism for glassware. 1,932,683; Oct. 31.
- Beeson, Stephen E. (See Hurden, Evelyn, A. P., and Beeson.)
- Beeson, Theodore S., Hamilton, assignor, by mesne assignments, to Libbey-Owens-Ford-Glass Company, Toledo, Ohio. Glass machinery. 1,901,491; Mar. 14.
- Beeston, Charles. (See Geibelt, F., and Beeston.)
- Beffa, Louis G., Madison, N. J. Electric circuit closing device. 1,928,555; Sept. 26.
- Begeman, Myron L., St. Louis, Mo., assignor to Mississippi Glass Company, New York, N. Y. Manufacture of wire glass. 1,904,118; Apr. 18.
- Beghetti, Peter, San Francisco, Calif. Spacer and tie for concrete wall forms. 1,912,356; June 6.
- Begley, James P., Chicago, Ill., and E. E. Arndt, Hessville, Ind., assignors to American Steel Foundries, Chicago, Ill. Brake mechanism. 1,906,359; May 2.
- Begley, William E., and H. H. McGregor, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Mold treating apparatus. 1,924,018; Aug. 22.
- Beglinger, Edward. (See Sherrard, E. C., and Beglinger.)
- Beglinger, Nelda M., Pittsburgh, Pa. Clothes hanging device. 1,896,996; Feb. 7.

- Begtrup, Edward F., Jersey City, N. J. Drying mold copes. 1,895,219; Jan. 24.
- Begtrup, Edward F., Jersey City, N. J. Cope for rail welding molds and forming the same. 1,914,878; June 20.
- Begtrup, Edward F., Jersey City, N. J. Hood for welding molds. 1,917,868; July 11.
- Behan, Thomas W., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer. 1,924,535; Aug. 29.
- Behimer, Otto, Chicago, Ill., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,902,056; Mar. 21.
- Behimer, Otto, Chicago, Ill., assignor to The Texas Company, New York, N. Y. Fractionating method. 1,910,587; May 23.
- Behimer, Otto, Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,923,526; Aug. 22.
- Behimer, Otto, Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating oil. 1,936,657; Nov. 28.
- Behle, Joseph, assignor to The Murray Company, Dallas, Tex. Gin rib grinding machine. 1,918,584; July 18.
- Behle, Joseph, assignor to The Murray Company, Dallas, Tex. Machine for grinding the ends of cotton gin ribs. 1,926,577; Sept. 12.
- Behle, Joseph, assignor to The Murray Company, Dallas, Tex. Gin rib grinder. 1,931,810; Oct. 24.
- Behling, Arthur J., Chicago, Ill., assignor to Pioneer Fruit Harvesting Company. Picking machine. 1,921,650; Aug. 8.
- Behling, Arthur J., Chicago, Ill., assignor to Pioneer Fruit Harvesting Company. Picking and harvesting machine. 1,921,651; Aug. 8.
- Behncke, Martin H. (See Crowther, H. R., and Hawkins, assignors.)
- Behnke, Guy E., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,940,839; Dec. 26.
- Behnke, Harry R. (See Taylor, E. H., Siefert, Mericka, Loser, Behnke, and Somervell.)
- Behnke, John C., Irvington, N. J. Opening and closing means for doors. 1,930,120; Oct. 10.
- Behr, Robert K., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Fluid heater. 1,919,192; July 25.
- Behr, Siegfried, New York, N. Y. Bandeau. Des. 90,188; June 27.
- Behr, Siegfried, New York, N. Y. Bandeau. Des. 91,051; Nov. 21.
- Behr, Siegfried, New York, N. Y. Hair roller. 1,928,960; Oct. 3.
- Behrend, Oswald, Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 1,896,535; Feb. 6.
- Behrend, Robert H., and W. L. Day, Beloit, Kans. Pressure indicator. 1,908,503; May 9.
- Behrens, Carl, Alfred-on-the-Leine, Germany. Last for the manufacture of low shoes. 1,912,028; May 30.
- Behrens, Fred B., assignor to Universal Oil Products Company, Chicago, Ill. Refining hydrocarbon oil containing mercaptans. 1,927,147; Sept. 19.
- Behrens, George G., Washington, D. C. Combination package. 1,937,939; Dec. 5.
- Behrens, Hans C. A., assignor of one-half to the Firm Rud. Otto Meyer and one-half to the Firm Kupferhütte Ertel, Bieber & Co., Hamburg, Germany. Apparatus for separating salts or other materials from liquids. 1,900,789; Mar. 7.
- Behrens, Heinz, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Synchronizing prime movers. 1,911,876; May 30.
- Behrens, Martin, Giessen, Germany. Separating active constituents of animal glands. 1,913,471; June 13.
- Behringer, E., Sheet Metal Works Inc. et al. (See Behringer, E. H., and Hatch, assignors.)
- Behringer, Edward H., Glendale, and L. Hatch, assignors to Wisner Manufacturing Company, New York, N. Y., and E. Behringer Sheet Metal Works Inc., Newark, N. J. Temperature exchanger. 1,939,160; Dec. 12.
- Behringer, Grover F., assignor to The American Steel Package Company, Defiance, Ohio. Variable condenser. 1,934,907; Nov. 14.
- Behringer, Ralph F. (See Wiesman, William A., assignor.)
- Behrman, Abraham S., Chicago, Ill. Production of halogen compounds. 1,916,457; July 4.
- Behrman, Abraham S., assignor to General Zeolite Company, Chicago, Ill. Zeolite preparation. 1,895,121; Jan. 24.
- Behrman, Abraham S., assignor to General Zeolite Co., Chicago, Ill. Water treatment. 1,927,148; Sept. 19.
- Behrman, Abraham S., assignor to General Zeolite Company, Chicago, Ill. Preparation of porous silicious material. 1,930,503; Oct. 17.
- Behr-Manning Corporation. (See Schacht, Elmer C., assignor.)
- Behrsing, David. (See Godshalk, C. A., Henke, and Behrsing.)
- Bejer, Walter A. (See Neal, Wallace, assignor.)
- Belersdorf, P., & Co. Inc. (See Legerlotz, Helmut, assignor.)
- Beiger, John W., Ludington, Mich. Pedestal for tables and the like. 1,919,193; July 25.
- Beiger, John W., assignor to The Carrom Company, Ludington, Mich. Table top structure and manufacture. 1,926,079; Sept. 12.
- Beiger, John W., assignor to Carrom Company, Ludington, Mich. Producing overlay and/or inlay effects in wood. 1,936,182; Nov. 21.
- Beiger, John W., assignor to Carrom Company, Ludington, Mich. Treating wood. 1,936,183; Nov. 21.
- Belghey, Fred J., St. Clair Shores, assignor to Morgan & Wright, Detroit, Mich. Vulcanizer. 1,938,794; Dec. 12.
- Bell, Forrest F., assignor to Curtis Companies, Incorporated, Clinton, Iowa. Window frame construction. 1,902,209; Mar. 21.
- Beisel, Rex B., Hempstead, and G. A. Page, jr., Freeport, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Aeroplane shutter. 1,908,726; May 16.
- Beisser, Harry, assignor to Oscar Shorr, Detroit, Mich. Cleaning and washing brush. 1,904,940; Apr. 18.
- Beiswenger, Gustav A., Elizabeth, N. J., assignor to Standard Oil Development Company. Distillation apparatus. 1,939,382; Dec. 12.
- Beitz, William H., Lomira, Wis. Pump jack. 1,911,666; May 30.
- Bek, Ernest G., Pforzheim, Germany. Forming and soldering the ends of split rings or links. 1,938,243; Dec. 5.
- Bek, Ernst Gideon. (See Brunnhubner, Georg, assignor.)
- Bekeart, Philip B., San Francisco, Calif. Fishing line. 1,927,581; Sept. 19.
- Bekk, Dr., & Kaulen Chemische Fabrik G. m. b. H. (See Thimann, Max, assignor.)
- Belanger, Joseph E., East Windsor, Ontario, Canada. Internal combustion motor control. 1,931,837; Oct. 24.
- Belas, Francis T. (See Gillings, C., and Belas.)
- Belas, Francis T. (See Gillings, C., Belas, Beale, Taylor, and Baker.)
- Belash, Constantine A., Boston, Mass. Machine for preparation of printer's copy. 1,907,234; May 2.
- Belchel, Daniel, assignor to Bemis Bros. Bag Co., Minneapolis, Minn. Closing bag tops. 1,937,506; Dec. 5.
- Belcher, Albert N., and D. B. Nutt, El Segundo, assignors to Standard Oil Company of California, San Francisco, Calif. Treating oils refined with recovered acid. 1,911,419; May 30.
- Belcher, Alva. (See Fehl, J., and Belcher.)
- Belcher, Charles L. (See Walker, T. D., and Belcher.)
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Bag closing machine. 1,893,610; Jan. 10.
- Belcher, Daniel, assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Apparatus for settling material in containers. 1,898,284; Feb. 21.
- Belcher, Harold H. (See Sibson, W. W., and Belcher.)
- Belcher, Joseph L., Long Beach, Calif. Breathing apparatus. 1,901,219; Mar. 14.
- Belden, Albert G. (See Cole, R. A., and Belden.)
- Belden, Albert G., and H. A. Silven, assignors to Norton Company, Worcester, Mass. Hydraulically operated grinding machine. 1,905,127; Apr. 25.
- Belden, Albert G., and F. E. Drown, assignors to Norton Company, Worcester, Mass. Speed control device for grinding machines. 1,927,655; Sept. 19.
- Belden, Daniel S. (See Baylis, W. S., and Belden.)
- Belden, Daniel S., assignor to Filtritol Company of California, Los Angeles, Calif. Safely distilling and decolorizing mineral oils. 1,898,168; Feb. 21.
- Belden, Daniel S., assignor to Filtritol Company of California, Los Angeles, Calif. Distilling and purifying fatty materials. 1,909,605; May 16.
- Belden Manufacturing Company. (See Wermin, Hugo H., assignor.)
- Beldimano, Alexander, Berlin-Charlottenburg, Germany. Pressure accumulator for gases and liquids. 1,895,747; Jan. 31.
- Belding, George A., Mount Lebanon, Pa. Joining fluid conveyers. 1,936,079; Nov. 21.
- Beléfant, Benjamin, New York, N. Y. Condiment holder. 1,927,149; Sept. 19.
- Belersdorf, P., & Co., the Firm. (See Steinert, Abraham, assignor.)
- Belfit, Robert W., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Aldehyde amino resinous compounds and processes. 1,898,709; Feb. 21.
- Belfit, Robert W., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Condensation product and process. 1,898,754; Feb. 21.
- Belfit, Robert W., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Urea condensation product and process. 1,898,755; Feb. 21.
- Belgard, Austin B., Chicago, Ill., assignor to Belgard-Spero, Inc. Temple for spectacles. Des. 89,677; Apr. 25.
- Belgard-Spero, Inc. (See Belgard, Austin B., assignor.)
- Belgard-Spero, Inc. (See Braucht, Frederick A., assignor.)
- Beling, Earl H., assignor to The Herman Nelson Corporation, Moline, Ill. Speed adjusting device for polyphase motors. 1,928,681; Oct. 3.
- Belizzi, Vincent, Bronx, N. Y. Airplane. 1,903,752; Apr. 18.
- Belke, William B., Chicago, Ill. Electroplating method. 1,910,145; May 23.
- Belknap, Franklin S., Kansas City, Mo. Brake tester. 1,904,713; Apr. 18.
- Belknap, Samuel L., Los Angeles, Calif. Automatic safety plunger. 1,919,647; July 25.

- Belknap, William J., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Safety glass. 1,923,070; Aug. 22.
- Bell, Arthur H., Lexington, Ky. Heater. 1,928,164; Sept. 26.
- Bell, Cecil J., et al. (See Edwards, James E., assignor.)
- Bell, Charles W. (See Sutherland, F. R., and Bell.)
- Bell, Charles W., and W. K. Dillon, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article working apparatus. 1,921,403; Aug. 8.
- Bell, David, Company Inc., The. (See Grass, Michael J., assignor.)
- Bell, Edward, jr., and I. K. Dixon, Johnstown, Pa. Tongue switch holding device. 1,899,408; Feb. 28.
- Bell, Edwin F., and F. A. Anton, assignors to Topeka Tent & Awning Company, Topeka, Kans. Lateral arm awning construction. 1,897,029; Feb. 14.
- Bell, Ernest E., Hinsdale, Ill., assignor to The Cash Protector Company, Cleveland, Ohio. Door for cash protectors. 1,916,406; July 4.
- Bell, Frank B., assignor to Edgewater Steel Company, Pittsburgh, Pa. Shock absorber. 1,908,655; May 9.
- Bell, Frank B., assignor to Edgewater Steel Company, Pittsburgh, Pa. Landing gear for airplanes. 1,933,361; Oct. 31.
- Bell, Frank H., assignor to General Motors Corporation, Detroit, Mich. Safety glass sealing instrument. 1,902,987; Mar. 28.
- Bell, George G., Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Shaker for ingot molds. 1,908,104; May 9.
- Bell, George G., Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Shaker for ingot molds. 1,938,276; Dec. 5.
- Bell, George W., Detroit, Mich. Antivibration device for automobiles and like vehicles. 1,914,553; June 20.
- Bell, Godfrey. (See Shehan, W. E., and Bell.)
- Bell & Gossett Company. (See Ercanbrack, John E., assignor.)
- Bell & Gossett Company. (See Moore, Robert E., assignor.)
- Bell, Harry A. (See Urbach, H. H., and Bell.)
- Bell, Harry M., Ashley, Pa. Holding means for lamps. 1,930,892; Oct. 17.
- Bell, Harvey W., Ardsley on Hudson, assignor to The Beloyt Corporation, New York, N. Y. Flexible coupling. 1,894,972; Jan. 24.
- Bell, Harvey W., Ardsley on Hudson, assignor to The Beloyt Corporation, New York, N. Y. Flexible connection. 1,894,973; Jan. 24.
- Bell & Howell Company, The. (See Howell, Albert S., assignor.)
- Bell-Irving, Robert, and P. Sandwell, Powell River, British Columbia, Canada. Fourdrinier head box and nozzle assembly. 1,909,150; May 16.
- Bell, Ivan C., assignor to The Guiberson Corporation, Dallas, Tex. Disk drill bit. 1,908,656; May 9.
- Bell, James A., Evansville, Ind. Filter. 1,932,569; Oct. 31.
- Bell, James H. (See Bonine, Charles E., assignor.)
- Bell, John H., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 1,936,655; Nov. 28.
- Bell, John H., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph system. 1,936,656; Nov. 28.
- Bell, John P., Baltimore, Md. Spure wire. 1,894,151; Jan. 10.
- Bell, John W., Chicago, Ill. Coffee dispenser. Des. 89,479; Mar. 21.
- Bell, Joseph D., San Francisco, Calif. Exercising machine. 1,899,255; Feb. 28.
- Bell, Leon M., Portsmouth, Ohio. Pressed in sput. 1,893,980; Jan. 10.
- Bell, Mike, Kansas City, Kans. Curtain and shade fixture. 1,901,796; Mar. 14.
- Bell, Norman M., Northampton, England. Electric fire. 1,939,331; Dec. 12.
- Bell Punch Company. (See Black, Horace D., assignor.)
- Bell Punch Company Limited. (See Black, Horace D., assignor.)
- Bell Punch Company Limited. (See Webb, Christopher F., assignor.)
- Bell, Robert A., Montclair, assignor to The Rajah Company, Bloomfield, N. J. Connector. 1,933,304; Oct. 31.
- Bell, Robert D., Dundee, Angus, Scotland. Apparatus for use in electric spot-welding. 1,915,846; June 27.
- Bell, Robin A., and V. O. Beam, Toledo, Ohio. Warm air furnace. 1,911,985; May 30.
- Bell, Samuel J., Springfield, Mass., assignor, by mesne assignments, to Ohmer Fare Register Company, Dayton, Ohio. Fare box. 1,932,614; Oct. 31.
- Bell Telephone Laboratories, Incorporated. (See Aiken, C. B., and Corbin, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Allen, Lawrence H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Allison, Malcolm G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, Frithiof B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, William H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Atkins, George E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bair, R. S., and Bishop, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Beck, William O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Becker, Joseph A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bedell, Eual H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bell, John H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bennett, Arthur F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Beschere, Edwin A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Betts, W. L., and Soreny, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Björnson, Björn G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Björnson, B. G., and Doba, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blattner, David G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blattner, D. G., and Hopkins, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Blount, Nelson, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bollman, John H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bond, Donald S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bond, D. S., and Cadmus, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bond, D. S., Fuller, and Erickson, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bostwick, Lee G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Broadwell, Howard, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bruce, Edmond, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bruce, E., and Fris, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Buckley, Oliver E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Budenbom, Horace T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burchett, George W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burns, Robert, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burns, Robert M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Chase, Charles A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Christensen, Howard, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Christopher, Arthur J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Clarke, Harry R., assignor.)
- Bell Telephone Laboratories Incorporated. (See Coffman, Joe W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cole, I. E., May, and Weller, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Cooke, Leighton B., assignor.)
- Bell Telephone Laboratories Incorporated. (See Corbin, Joseph E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cousins, Van Meter, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Crabtree, James, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Crusier, Victor I., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dawson, Wilfrid L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dehn, Joseph W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Denzler, Arthur H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Depew, Charles, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dickinson, Allan B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dixon, J. B., and Honan, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dowd, Andrew D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Draper, John E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Elmer, Lloyd A., assignor.)
- Bell Telephone Laboratories, Inc. (See Englund, Carl R., assignor.)

- Bell Telephone Laboratories, Incorporated. (See Evans, P. H., and Greig, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Feldman, Carl B. H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ferrell, Enoch B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Fisher, Harold J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Flammer, Howard A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Flammer, H. A., and Fracker, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Flanders, P. B., and Harrison, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Freile, B., and MacGrath, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Fry, Jacob K., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gabriel, John C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Galt, Rogers H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gargan, J. O., and Browne, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Garvin, John S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gauthier, Marcel C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Germanton, Charles E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gibson, Robert D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gibson, R. D., and Harley, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Gilbert, John J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Giles, Leonard W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Goehner, W. R., and Herriott, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Gooderham, John W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Gray, A. N., and Kemp, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Green, Charles W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Greenridge, Ralph M. C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Greig, J. W., and Bailey, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hague, Alfred E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hague, A. E., and Draper, assignors.)
 Bell Telephone Laboratories, Inc. (See Hampton, Leon N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harper, Robert W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harris, Henry J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Haworth, Francis E., assignor.)
 Bell Telephone Laboratories, Inc. (See Hayford, W. S., and Townsend, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hayward, John M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Heising, Raymond A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Henneberger, T. C., and Pike, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Henry, Israel H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Henry, I. H., and Hersey, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Herriott, William, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hinrichsen, Edward E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hoge, Joseph F. D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Holden, W. H. T., and Jutson, assignors.)
 Bell Telephone Laboratories, Incorporated, et al. (See Holden, W. H. T., Jutson, and Larew, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hollingsworth, Lowell M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Horton, Arthur W., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Horton, Joseph W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hovgaard, Ole M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hoyt, Frederick A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hunt, Franklin L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hunt, Loyd E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Irvine, Frank S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jacobs, Oliver B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Jensen, Axel G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Johnson, John B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Johnston, Kenneth S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kalin, Walter, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Keller, Arthur C., assignor.)
 Bell Telephone Laboratories, Inc. (See Kemp, Archie R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kemp, A. R., and Ingmanson, assignors.)
 Bell Telephone Laboratories, Incorporated. (See King, John H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kingsbury, Edwin F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Klein, Charles H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Knowlton, A. D., and Gilmore, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kreer, John G., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kuhn, John J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kuhn, J. J., and Terry, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kuntz, Frank A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lack, Frederick R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Landsman, Wesley E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lane, Cuthbert C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lawrence, Walter L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Legg, Victor E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Leuelink, B., and Betts, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lindridge, Charles D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Llewellyn, Frederick B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Locke, George A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Locke, G. A., and Lane, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lowry, Homer H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ludwig, Arthur, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Malles, Ralph E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Marri-son, Warren A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mas-sonneau, Robert F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Means, Winthrop J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Melick, John M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mendenhall, Hallam E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Morton, Edmund R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Muller, George G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Murphy, Paul B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nebel, Charles N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See New-son, James B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norden-son, Robert, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nor- man, Nathaniel C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norwine, Andrew C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Oakes, William C., assignor.)

- Bell Telephone Laboratories, Incorporated. (See Och, H. G., and Hinshaw, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ogg, Robert A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ohl, Russell S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Patterson, Everett M., assignor.)
- Bell Telephone Laboratories Incorporated. (See Peterson, Eugene, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Pfannenstiel, Harry, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Phelps, W. A., and Koerner, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Pidgeon, H. A., and McNally, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Pruden, H. M., and Taylor, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Pruden, H. M., and Wadsworth, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Quarles, Donald A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Reynolds, J. N., and Dobbin, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Riesz, R. R., and Burchett, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ritchie, George A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Robb, Theodore D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Roetken, Alfred A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rommes, Haaken I., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ronci, V. L., and Crawford, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ronci, V. L., and Depew, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ryan, Francis M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See St. John, E., and Miller, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schelleng, John C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schlenker, Vesper A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schumacher, E. E., and Ellis, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Scriven, Edward O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shafer, Ira C., jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shea, Timothy E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shower, Edmund G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Siegmund, Humphreys O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Slauson, William C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smith, Gerard V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Smythe, Edwin H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sole, John H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Squire, Edmund M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stacy, Leland J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stallard, Burrell, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stokeley, Ray L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Strickler, Walter B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Strieby, Maurice E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Tebo, Julian D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Tempelton, Bryce O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Terry, Roy V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Thurston, George M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Tinus, William C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Townsend, John R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Trebes, Bruno M. A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Trucksess, David E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Uphoff, Leslie S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Uphoff, L. S., and Rumpel, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Van Inwagen, Charles L., jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wadsworth, Paul W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Weinhardt, Howard W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Weiss, Charles L., jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wentz, Edward C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Whittle, Horace, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Yenzer, George R., assignor.)
- Bell, Thomas W., assignor to Acme Fishing Tool Company, Parkersburg, W. Va. Nonswiveling jar. 1,914,320; June 13.
- Bell, William D. (See Corbett, Edwin P., assignor.)
- Bell, William D., Columbus, Ohio. Paste dispensing apparatus. 1,906,360; May 2.
- Bell, William D., Columbus, assignor to Surface Combustion Corporation, Toledo, Ohio. Gas fired revolving heater. 1,895,564; Jan. 31.
- Bell, William D., Columbus, assignor, by mesne assignments, to Surface Combustion Corporation, Toledo, Ohio. Rotating heat radiator. 1,895,565; Jan. 31.
- Bell, William D., Columbus, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Lubricant delivery apparatus. 1,896,036; Jan. 31.
- Bell, William E., Charlotte, N. C. Aeroplane with V-shaped wings. 1,898,710; Feb. 21.
- Bell, William E., assignor of one-half to L. L. McCandless, Honolulu, Hawaii. Switch controlling mechanism. 1,910,081; May 23.
- Bell, William E., assignor of one-half to L. L. McCandless, Honolulu, Hawaii. Automatic valve. 1,910,082; May 23.
- Bell, William E. H. (See Butterworth, H. W., and Bell.)
- Bella and Company. (See Hayes, Charles L., assignor.)
- Belladonna Bros., Inc. (See Piccirilli, Pasquale J., assignor.)
- Bellamy, Harry T. (See Smith, J. C., and Bellamy.)
- Bellamy, Harry T., Belvidere, Ill. Manufacture of porous structures. 1,938,170; Dec. 5.
- Bellamy, John I. (See Richardson, R. G., and Bellamy.)
- Bellamy, John I. (See Wicks, J., Richardson, and Bellamy.)
- Bellamy, John I., Brookfield, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,899,551; Feb. 28.
- Bellamy, John I., Brookfield, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,922,192; Aug. 15.
- Bellamy, John I., Brookfield, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Battery charging control system. 1,934,692; Nov. 14.
- Bellanca, Giuseppe M., New Castle, Del. Air brake for airplanes. 1,900,631; Mar. 7.
- Bellanca, Giuseppe M., New Castle, Del. Airplane landing gear. 1,901,795; Mar. 14.
- Bellanca, Giuseppe M., New Castle, Del. Aircraft engine. 1,917,791; July 11.
- Bellanca, Giuseppe M., New Castle, Del. Propelling mechanism for airplanes. 1,919,682; July 25.
- Bellanca, Giuseppe M., New Castle, Del. Landing gear assembly. 1,924,481; Aug. 29.
- Bellanca, Giuseppe M., New Castle, Del. Adjustable stabilizing lift strut. 1,926,136; Sept. 12.
- Bellanca, Giuseppe M., New Castle, Del. Control surface for airplanes. 1,929,135; Oct. 3.
- Bellanca, Giuseppe M., New Castle, Del. Airplane construction. 1,933,001; Oct. 31.
- Bellanca, Giuseppe M., New Castle, Del. Airplane motor mounting. 1,934,678; Nov. 14.
- Bellanca, Giuseppe M., Wilmington, Del. Aeroplane wing construction. 1,901,864; Mar. 21.
- Bellantese, Saverio, Sioux City, Iowa. Safety device for vehicles. 1,932,031; Oct. 24.
- Bellar, Charles J., and C. R. Yirava, Cleveland, Ohio. Attachment for dispensing and measuring pumps. 1,903,832; Apr. 4.
- Bellascchi, Peter L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 1,940,840; Dec. 26.
- Bellassai, Emanuele. (See Paganello, Nunzio, assignor.)
- Bellavance, Ambrose W., South Portland, and H. Levy, Portland, Me. Safety shoe heel clamp. 1,897,569; Feb. 14.
- Bellavia, Peter, Garwood, N. J. Convertible furniture. 1,918,241; July 18.
- Belleau, Joseph E., East Providence, R. I. Radiator. 1,907,036; May 2.
- Bellem, Louis H. L., Asnieres, and E. C. Foss, Neuilly-sur-Seine, France. Fuel pump. 1,940,524; Dec. 19.
- Beller, Hans. (See Luther, M., and Beller.)
- Beller, Hans, Ludwigshafen-on-the-Rhine, and H. Schuette, Mannheim, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Production of assistants for the textile and related industries. 1,914,321; June 13.

- Beller, Hans, Ludwigshafen-on-the-Rhine, and M. Luther, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alcohols of high molecular weight. 1,921,381; Aug. 8.
- Beller, Hans, Ludwigshafen-on-the-Rhine, and M. Luther, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of organic acids from oxidized nonaromatic hydrocarbons. 1,931,859; Oct. 24.
- Beller, Joseph, Brooklyn, N. Y. Freight elevator door and transmission device. 1,936,102; Nov. 21.
- Bellerive, Joseph S. D., St. Agathe des Monts, Quebec, Canada. Drive attachment for vehicles. 1,907,236; May 2.
- Belli, Caesar J., Troy, N. Y. Newspaper vending machine. 1,926,931; Sept. 12.
- Bellier, Elie E. (See Dorel, F., and Bellier.)
- Bellingham Chain and Forge Company. (See Swails, James L., assignor.)
- Bellini, Ettore, Paris, France. Radio goniometer. 1,908,006; May 9.
- Bellis, Alfred P. S., assignor to John A. Roebling's Sons Company, Trenton, N. J. Electric cable. 1,920,180; Aug. 1.
- Bellis, Arthur E., Branford, Conn. Heat treating metals. 1,904,706; Apr. 18.
- Bellis, Arthur E., Branford, Conn. Recuperative and regenerative heat treatment of metals. 1,916,407; July 4.
- Bellis, Joseph, St. Paul, Minn. Gas control mechanism for automobiles. 1,897,357; Feb. 14.
- Bellis, Joseph, St. Paul, Minn. Carburetor control mechanism. 1,897,358; Feb. 14.
- Belliveau, Alfred H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 1,929,402; Oct. 10.
- Bellman, Georg, assignor to Universelle Cigarettenmaschinen-Fabrik, J. C. Muller & Company, Dresden, Germany. Apparatus for erecting box shells. 1,893,389; Jan. 3.
- Bellochio, John, New York, N. Y. Paper roll supporter. 1,929,160; Oct. 3.
- Belloch, Morris. (See Mechlovits, B., and Belloch.)
- Belloni, Angelo, Portovenere, Italy. Respiratory hood. 1,929,343; Oct. 3.
- Bellowons, William, Mays Landing, N. J. Shipping basket cover. 1,859,964; Jan. 31.
- Bellows, Earl S., Portland, Ore. Rubber traffic sign. 1,913,101; June 6.
- Belluzzo, Giuseppe, Rome, assignor to Silurificio Whitehead Di Fiume Societa Anonima, Fiume, Italy. Propelling device for torpedoes with multiple turbine engines. 1,935,539; Nov. 14.
- Belmont Iron Works. (See Shryock, Joseph G., assignor.)
- Beloit Iron Works. (See Aldrich, A., and Berry, assignors.)
- Beloit Iron Works. (See Berry, Earl E., assignor.)
- Beloit Iron Works. (See Berry, E. E., and Roberts, assignors.)
- Beloit Iron Works. (See Dundore, Marvin W., assignor.)
- Belous, Mildred, et al. (See Rosenwald, Isidor, assignor.)
- Beloyt Corporation, The. (See Bell, Harvey W., assignor.)
- Belsey, Samuel, and P. Cassin, London, England. Closure for collapsible containers. 1,938,413; Dec. 5.
- Belshaw, Charles F., Dearborn, Mich. Refrigerator. 1,933,042; Oct. 31.
- Belshaw, Thomas, Seattle, Wash. Arrow feathering machine. 1,896,536; Feb. 7.
- Belshaw, Walter, Seattle, Wash. Doughnut machine. 1,909,449; May 16.
- Belt, Franz, Vienna, Austria. Capstan. 1,917,691; July 11.
- Belt, Franz, Vienna, Austria. Anchoring device for transportable hoisting and hauling appliances. 1,940,901; Dec. 26.
- Belt, Fred R., Chicago, Ill. Ash tray. 1,912,682; June 6.
- Belt, Fred R., Chicago, Ill. Cigarette dispensing device. 1,918,956; July 18.
- Belt, Fred R., Chicago, Ill. Igniter. 1,934,908; Nov. 14.
- Belt, Joseph S. (See Sullivan, Edward G., assignor.)
- Belt, Joseph S., Amarillo, Tex. Bath apparatus. 1,893,482; Jan. 10.
- Belt, Joseph S., Amarillo, Tex. Refrigerating apparatus and method. 1,893,483; Jan. 10.
- Belt, Joseph S., Amarillo, Tex. Heat exchanger. 1,893,484; Jan. 10.
- Belt, Joseph S., Amarillo, Tex. Producing solid carbon dioxide. 1,914,337; June 13.
- Belt, Thomas A. E., Schenectady, N. Y., assignor to General Electric Company. Direct-reading multispeed speedoscope. 1,933,305; Oct. 31.
- Belt, William L., et al. (See Walker, Robinson M., assignor.)
- Beltz, John S. (See Levin, N. D., and Beltz.)
- Beltz, John S., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Electric current grounding device. 1,933,651; Nov. 7.
- Beluche, Fernand E. (See Brace, W. F., and Beluche.)
- Belyavin, Paul, London, England. Internal combustion engine. 1,901,723; Mar. 14.
- Belyavin, Paul, London, England. Automatic valve. 1,911,939; May 30.
- Bem, Joseph P., Oakland, assignor to Pacific Pitting Machine Company Inc., Fresno, Calif. Fruit halving machine. 1,918,830; July 18.
- Bem, Joseph P., Oakland, assignor to Pacific Pitting Machine Company Inc., Fresno, Calif. Circular saw and making the same. 1,919,358; July 25.
- Bem, Joseph P., Oakland, assignor to Pacific Pitting Machine Company Inc., Fresno, Calif. Fruit pitter. 1,923,475; Aug. 22.
- Bem, Joseph P., Oakland, assignor to Pacific Pitting Machine Company Inc., Fresno, Calif. Fruit pitter and corer. 1,926,965; Sept. 12.
- Bem, Joseph P., Oakland, assignor to Pacific Pitting Machine Company Inc., Fresno, Calif. Fruit bisecting machine. 1,932,541; Oct. 31.
- Bem, Joseph P., assignor to Pacific Pitting Machine Company, Inc., Fresno, Calif. Fruit pitting machine. 1,923,474; Aug. 22.
- Beman, Ransom H., Detroit, Mich., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Evaporator structure for refrigerating systems. 1,896,341; Feb. 7.
- Beman, Ransom H., Detroit, Mich., and J. H. Benson, assignors to Mullins Manufacturing Corporation, Salem, Ohio. Apparatus for recovering and controlling the flow of oil in refrigerating systems. 1,896,061; Feb. 7.
- Bemies, James F. (See Smith, S. N., and Bemies.)
- Bemis, Albert F., Newton, assignor to Bemis Industries, Incorporated, Boston, Mass. Building construction. 1,899,454; Feb. 28.
- Bemis Brothers Bag Company. (See Agner, F. O., Haux and Pierce, assignors.)
- Bemis Bro. Bag Company. (See Allen, Henry H., assignor.)
- Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
- Bemis Bro. Bag Company. (See Brady, Charles V., assignor.)
- Bemis Bro. Bag Company. (See Brady, C. V., and Case, assignors.)
- Bemis Bro. Bag Co. (See Morrill, P. E., and Brady, assignors.)
- Bemis Bro. Bag Co. (See Stetson, Bradford R., assignor.)
- Bemis Industries, Incorporated. (See Batcheller, Clements, assignor.)
- Bemis Industries, Incorporated. (See Bemis, Albert F., assignor.)
- Bemis Industries, Incorporated. (See Brown, Horatio W., assignor.)
- Bemis Industries, Inc. (See Brown, H. W., and Taylor, assignors.)
- Bemis Industries, Incorporated. (See Frobisher, Ralph S., assignor.)
- Bemis Industries, Incorporated. (See Hodges, William L., assignor.)
- Bemis Industries, Incorporated. (See Litchfield, Isaac W., assignor.)
- Bemis, Kenneth E., Glendale, Calif. Building structure. Des. 89,117; Jan. 31.
- Bemmers, Adolphe G. (See Simcox, Milan B., assignor.)
- Benbough, Percy J., San Diego, Calif. Casket handle support. Des. 90,097; June 13.
- Benbough, Percy J., San Diego, Calif. Casket handle support. Des. 90,098; June 13.
- Benbough, Percy J., San Diego, Calif. Casket handle support. Des. 90,099; June 13.
- Benbough, Percy J., San Diego, Calif. Removable casket handle. 1,925,226; Sept. 5.
- Benbow, David A., and G. Kunz, assignors to Frigidaire Corporation, Dayton, Ohio. Tube flaring apparatus. 1,914,235; June 13.
- Bencowitz, Isaac. (See Bacon, R. F., and Bencowitz.)
- Bencowitz, Isaac, New York, N. Y., assignor to Texas Gulf Sulphur Company. Sulphur burner. 1,917,692; July 11.
- Bencowitz, Isaac, New York, N. Y., assignor to Texas Gulf Sulphur Company. Production of sulphur dioxide. 1,917,693; July 11.
- Benda, Louis, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Di-sodium salt of acylamino-phenol-arsonic acids. 1,908,304; May 9.
- Benda, Louis, Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Salts of dialkylaminoarylphosphinous acids. 1,918,628; July 18.
- Rende, Daniel, Haddon Heights, N. J. Electrode holder. 1,908,007; May 9.
- Bendel, Arthur F., Reading, Pa. Feeder and waterer. 1,903,742; Apr. 11.
- Bendelari, Mary E., New York, N. Y. Removable fabric cover for furniture and other like articles. 1,926,429; Sept. 12.
- Bender, Abraham and H. S., Brooklyn, N. Y. Supporting rack for film negatives. 1,909,566; May 16.
- Bender, Arthur, New York, N. Y. Shoe. 1,937,622; Dec. 5.
- Bender, Frank M. (See McCormick, J. H., and Bender.)
- Bender, Frederic H., assignor to American Steel Foundries, Chicago, Ill. Truck frame mounting. 1,902,823; Mar. 28.
- Bender, Frederic H., assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,091; June 27.

Bender, Heinrich, Stuttgart, Germany, assignor to Emil H. Hoffmann, Jersey City, N. J. Lock joint. 1,929,050; Oct. 3.

Bender, Herman S. (See Bender, Abraham and H. S.)

Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Air drying composition. 1,922,272; Aug. 15.

Bender, Louis, Ridgewood, N. Y. Exposure guard for cameras. 1,911,258; May 30.

Bender, Martin. (See Pixley, J. S., and Bender.)

Bender, Robert C., Davenport, Iowa. Humidifier and dust collector. 1,910,232; May 23.

Bender, Robert C., Davenport, Iowa. Dust shield for warm air registers. 1,914,397; June 20.

Bendig, Albert W., et al. (See Williams, Charles E., assignor.)

Bendix Aviation Corporation. (See Andres, William J., assignor.)

Bendix Aviation Corporation. (See Andres, W. J., and Ward, assignors.)

Bendix Aviation Corporation. (See Babel, R. A., and Jaquet, assignors.)

Bendix Aviation Corporation. (See Cox, Jerome R., assignor.)

Bendix Aviation Corporation. (See Cunningham, Marion M., assignor.)

Bendix Aviation Corporation. (See Dodge, Adiel Y., assignor.)

Bendix Aviation Corporation. (See Evans, William F., assignor.)

Bendix Aviation Corporation. (See Goepfrich, Rudolph A., assignor.)

Bendix Aviation Corporation. (See Hall-Brown, Archibald, assignor.)

Bendix Aviation Corporation. (See House, Bryan E., assignor.)

Bendix Aviation Corporation. (See Hunt, George H., assignor.)

Bendix Aviation Corporation. (See Jonsson, Sven M., assignor.)

Bendix Aviation Corporation. (See Kohr, Robert F., assignor.)

Bendix Aviation Corporation. (See Krieg, Walter L., assignor.)

Bendix Aviation Corporation. (See Laddon, I. M., and Lyon, assignors.)

Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)

Bendix Aviation Corporation. (See Lansing, Raymond P., assignor.)

Bendix Aviation Corporation. (See Lorenzen, Christian, assignor.)

Bendix Aviation Corporation. (See Miller, J. M., and Goodman, assignors.)

Bendix Aviation Corporation. (See Mock, Frank C., assignor.)

Bendix Aviation Corporation. (See Myers, Clark, assignor.)

Bendix Aviation Corporation. (See Norton, Raymond J., assignor.)

Bendix Aviation Corporation. (See O'Donnell, Claude, assignor.)

Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)

Bendix Aviation Corporation. (See Robbins, Azor D., assignor.)

Bendix Aviation Corporation. (See Roth, Harris C., assignor.)

Bendix Aviation Corporation. (See Schiller, John J., assignor.)

Bendix Aviation Corporation. (See Starr, Charles E., assignor.)

Bendix Aviation Corporation. (See Straussler, Nicholas, assignor.)

Bendix Aviation Corporation. (See Taplor, Eugene V., assignor.)

Bendix Aviation Corporation. (See Thomas, Archibald P., assignor.)

Bendix Aviation Corporation. (See Urfer, Adolf, assignor.)

Bendix Aviation Corporation. (See Urfer, A., and Koch, assignors.)

Bendix Aviation Corporation. (See Walters, Herbert C., assignor.)

Bendix Aviation Corporation. (See Weinberg, Fred, assignor.)

Bendix Aviation Corporation. (See Whitworth, Stanley, assignor.)

Bendix Aviation Corporation. (See Wilson, Wesley, assignor.)

Bendix Aviation Corporation. (See Zelov, Victor I., assignor.)

Bendix Brake Company. (See Andres, William J., assignor.)

Bendix Brake Company. (See Apple, Vincent C., assignor.)

Bendix Brake Company. (See Apple, Vincent G., assignor.)

Bendix Brake Company. (See Apple, V. G., and Petit, assignors.)

Bendix Brake Company. (See Apple, V. G., and Rauen, assignors.)

Bendix Brake Company. (See Babel, Raymond A., assignor.)

Bendix Brake Company. (See Baker, Malvern S., assignor.)

Bendix Brake Company. (See Bendix, Vincent, assignor.)

Bendix Brake Company. (See Bendix, V., and Apple, assignors.)

Bendix Brake Company. (See Bendix, V., and Dodge, assignors.)

Bendix Brake Company. (See Bendix, V., and House, assignors.)

Bendix Brake Company. (See Bendix, V., and La Brie, assignors.)

Bendix Brake Company. (See Cautley, John R., assignor.)

Bendix Brake Company. (See Cautley, J. R., and Frank, assignors.)

Bendix Brake Company. (See Cunningham, Marion M., assignor.)

Bendix Brake Company. (See De Coninck, Arthur, assignor.)

Bendix Brake Company. (See Delahaye, Walter H., assignor.)

Bendix Brake Company. (See Dodge, A. Y., and McConkey, assignors.)

Bendix Brake Company. (See Dodge, Adiel Y., assignor.)

Bendix Brake Company. (See Frank, Frederick C., assignor.)

Bendix Brake Company. (See Gallup, David L., assignor.)

Bendix Brake Company. (See Gemmer, George A., assignor.)

Bendix Brake Company. (See Girling, Albert H. G., assignor.)

Bendix Brake Company. (See Hirschler, Horace L., assignor.)

Bendix Brake Company. (See Hirvonen, Erik J., assignor.)

Bendix Brake Company. (See Houston, George F., assignor.)

Bendix Brake Company. (See Hunt, G. H., and Downs, assignors.)

Bendix Brake Company. (See Iversen, Poul A. S., assignor.)

Bendix Brake Company. (See Johnson, H., and Aune, assignors.)

Bendix Brake Company. (See Kohr, R. F., and Strebing, assignors.)

Bendix Brake Company. (See Kohr, Robert F., assignor.)

Bendix Brake Company. (See Krieg, Walter L., assignor.)

Bendix Brake Company. (See La Brie, Ludger E., assignor.)

Bendix Brake Company. (See Laddon, Isaac M., assignor.)

Bendix Brake Company. (See Laddon, I. M., and Lyon, assignors.)

Bendix Brake Company. (See Laddon, I. M., Ring, and Herman, assignors.)

Bendix Brake Company. (See Lyman, Kenneth E., assignor.)

Bendix Brake Company. (See Mahoney, John P., assignor.)

Bendix Brake Company. (See McConkey, Montgomery W., assignor.)

Bendix Brake Company. (See McDonald, Eugene G., assignor.)

Bendix Brake Company. (See Norton, Raymond J., assignor.)

Bendix Brake Company. (See Parker, Humphrey F., assignor.)

Bendix Brake Company. (See Peterson, John W., assignor.)

Bendix Brake Company. (See Poehlman, Herbert W., assignor.)

Bendix Brake Company. (See Pope, Arthur D., assignor.)

Bendix Brake Company. (See Price, Jacob L., assignor.)

Bendix Brake Company. (See Prieschel, William, assignor.)

Bendix Brake Company. (See Reid, Earl, assignor.)

Bendix Brake Company. (See Renaux, Eugene P., assignor.)

Bendix Brake Company. (See Ringling, Walter L., assignor.)

Bendix Brake Company. (See Rosner, Adolph, assignor.)

Bendix Brake Company. (See Sanford, Roy S., assignor.)

Bendix Brake Company. (See Semmes, Harry H., assignor.)

Bendix Brake Corporation. (See Skoogh, Harry L., assignor.)

Bendix Brake Company. (See Starr, Albert C., assignor.)

Bendix Brake Company. (See Taylor, Cecil H., assignor.)

Bendix Brake Company. (See Taylor, Eugene V., assignor.)

Bendix Brake Company. (See Thomas, George J., assignor.)

Bendix Brake Company. (See Tuttle, W. W., and Hirvonen, assignors.)

Bendix Brake Company. (See Van Buskirk, Robert N., assignor.)

Bendix Brake Company. (See Watts, William S., assignor.)

Bendix Brake Company. (See Whitworth, Stanley, assignor.)

Bendix Brake Company. (See Whitworth, S., and Long, assignors.)

Bendix Brake Company. (See Yost, Karl M., assignor.)

Bendix-Cowdrey Brake Tester, Inc. (See Bigelow, Harry K., assignor.)

Bendix-Cowdrey Brake Tester, Inc. (See Dodge, Adiel Y., assignor.)

- Bendix-Cowdrey Brake Tester, Inc. (See Donavan, Paul J., assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Fullerton, J. B., and Rosseter, assignors.)
- Bendix-Cowdrey Brake Tester, Inc. (See Graham, Leon L., assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Mercer, George J., assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Norton, Raymond J., assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Semmes, Harry H., assignor.)
- Bendix-Cowdrey Brake Tester, Inc. (See Statz, Robert J., assignor.)
- Bendix, George, Koenigsberg, Germany. Feeding chain for woodworking machines. 1,907,479; May 9.
- Bendix Research Corporation. (See Dodge, Adiel Y., assignor.)
- Bendix Research Corporation. (See Havill, Clinton H., assignor.)
- Bendix Research Corporation. (See Houston, George H., assignor.)
- Bendix Research Corporation. (See Lansing, Raymond P., assignor.)
- Bendix Stromberg Carburetor Company. (See Barbarou, Marius J.-B., assignor.)
- Bendix Stromberg Carburetor Company. (See Chandler, Milton E., assignor.)
- Bendix Stromberg Carburetor Company. (See Chandler, M. E., and Cole assignors.)
- Bendix Stromberg Carburetor Company. (See Cole, D., and Bogue, assignors.)
- Bendix Stromberg Carburetor Company. (See Diener, John A., assignor.)
- Bendix Stromberg Carburetor Company. (See Hobbs, Leonard S., assignor.)
- Bendix Stromberg Carburetor Company. (See Mock, Frank C., assignor.)
- Bendix Stromberg Carburetor Company. (See Mock, F. C., and Chandler, assignors.)
- Bendix Stromberg Carburetor Company. (See Mock, F. C., and Miller, assignors.)
- Bendix Stromberg Carburetor Company. (See Prentiss, Augustin M., assignor.)
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Conduit. 1,900,091; Mar. 7.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,932,879; Oct. 31.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,901,695; Mar. 14.
- Bendix, Vincent, assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,906,733; May 2.
- Bendix, Vincent, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,912,819; June 6.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake operating mechanism. 1,923,182; Aug. 22.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,926,361; Sept. 12.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,046; Sept. 26.
- Bendix, Vincent, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,936,569; Nov. 28.
- Bendix, Vincent, Chicago, Ill., and V. G. Apple, Dayton, Ohio, assignors to Bendix Brake Company, South Bend, Ind. Magnetic automotive brake. 1,895,965; Jan. 31.
- Bendix, Vincent, Chicago, Ill., and L. E. La Brie, South Bend, Ind.; said Bendix assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,904,262; Apr. 18.
- Bendix, Vincent, Chicago, Ill., and L. E. La Brie, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,911,420; May 30.
- Bendix, Vincent, Chicago, Ill., and L. E. La Brie, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,935,284; Nov. 14.
- Bendix, Vincent, Chicago, Ill., and A. Y. Dodge, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,924,592; Aug. 29.
- Bendix, Vincent, Chicago, Ill., and B. E. House, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,936,899; Nov. 28.
- Bendix Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Vorech, assignors.)
- Bendix Westinghouse Automotive Air Brake Company. (See Johnson, Stephen, Jr., and Vorech, assignors.)
- Bendix Westinghouse Automotive Air Brake Company. (See Wells, Franklin H., assignor.)
- Bendlin, Richard, and O. Urbasch, Vienna Austria. Purifying and mixing fats and waxes. 1,927,385; Sept. 19.
- Benedetto, Giuseppe, Novara, Italy, assignor to Omec Holding Company Limited, London, England. Electric upsetting. 1,938,994; Dec. 12.
- Benedict, Arthur A. (See Walker, W. H., and Benedict.)
- Benedict, Austin A., Merrill, Wis. Combination fish scaler and knife. 1,920,954; Aug. 8.
- Benedict, Charles E., Denver, Colo. Mop holder. 1,899,845; Feb. 28.
- Benedict, Edward L., Oakmont, Pa. Highway guard. 1,927,303; Sept. 19.
- Benedict, Frederic K., Grand Rapids, assignor to Hanchett Manufacturing Co., Big Rapids, Mich. Traveling wheel grinder. 1,895,122; Jan. 24.
- Benedict Stone Products Company. (See Clark, Byron S., assignor.)
- Benedict Stone Products Company. (See Lowell, John W., assignor.)
- Beneville, Paul V., Dumont, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 90,175; June 20.
- Benford, Elney H., Cleveland, Ohio. Chuck for holding bar stock and the like. 1,924,301; Aug. 29.
- Benger, Frederick, Montreal, Quebec, Canada. Gasket. 1,896,278; Feb. 7.
- Beniston, William J., Seaford, assignor to Julius Kayser & Co., New York, N. Y. Knitted fabric or like article. Des. 90,865; Oct. 17.
- Beniston, William J., Seaford, assignor to Julius Kayser & Co., New York, N. Y. Knitted fabric. Des. 91,128; Dec. 5.
- Beniston, William J., Seaford, assignor to Julius Kayser & Co., New York, N. Y. Knitted fabric. Des. 91,231; Dec. 26.
- Benit, Henri, Paris, France. Strain insulator chain. 1,924,056; Aug. 22.
- Benitez, Antonio, Cristo, Cuba. Cultivating machine. 1,911,877; May 30.
- Benjafield, Walter O., New York, N. Y., assignor to The Inventions Exploitations Corporation, Dover, Del. Illuminated whistle. 1,930,504; Oct. 17.
- Benjamin, Abraham S., assignor to Teletype Corporation, Chicago, Ill. Signaling system. 1,907,381; May 2.
- Benjamin, Abraham S., assignor to Teletype Corporation, Chicago, Ill. Remote motor control. 1,921,799; Aug. 8.
- Benjamin, Bert R., Oak Park, and W. S. Graham, Canton, Ill., assignors to International Harvester Company. Tractor planter. 1,899,931; Mar. 7.
- Benjamin, Bert R., Oak Park, and S. W. Cady, Canton, Ill., assignors to International Harvester Company. Tractor cultivator. 1,899,932; Mar. 7.
- Benjamin, Bert R., Oak Park, and S. W. Cady, Canton, Ill., assignors to International Harvester Company. Tractor steering control. 1,915,285; June 27.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cotton cleaner. 1,936,748; Nov. 28.
- Benjamin, David, Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Ball-and-socket connection. 1,923,414; Aug. 22.
- Benjamin, Edward B. (See Heaney, Mark F., assignor.)
- Benjamin, Walter E., and G. W. Pierce, assignors to Pierce Governor Company, Anderson, Ind. Carburetor. 1,932,764; Oct. 31.
- Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)
- Benjamin Electric Manufacturing Company. (See Benjamin, R. B., and Waterbury, assignors.)
- Benjamin Electric Manufacturing Company. (See Juergens, J., and Benjamin, assignors.)
- Benjamin Electric Manufacturing Company. (See Phillips, Paul D., assignor.)
- Benjamin, Hamilton F., et al. (See Satterthwaite, Thomas W., assignor.)
- Benjamin, Harry S., Utica, N. Y. Vending machine. 1,924,102; Aug. 29.
- Benjamin, Harry S., Utica, N. Y. Vending machine feed mechanism. 1,927,017; Sept. 19.
- Benjamin, Merrill G., Lakewood, Ohio. Combustion control. 1,906,244; May 2.
- Benjamin, Merrill G., Lakewood, Ohio. Recording mechanism for power instruments and meters. 1,908,947; May 16.
- Benjamin, Merrill G., Lakewood, Ohio, assignor, by mesne assignments, to Bailey Meter Company. Furnace control. 1,900,036; Mar. 7.
- Benjamin, Philip, New York, N. Y. Article of jewelry. 1,900,425; Mar. 7.
- Benjamin, Reuben B. (See Juergens, J., and Benjamin.)
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Flash light. 1,898,756; Feb. 21.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Condenser. 1,898,808; Feb. 21.
- Benjamin, Reuben B., Chicago, assignor to Benjamin Electric Mfg. Co., Des Plaines, Ill. Shock absorbing socket. 1,903,086; Mar. 28.
- Benjamin, Reuben B., Chicago, Ill., assignor, by mesne assignments, to H. H. Eby, Philadelphia, Pa. Socket for vacuum tubes. 1,904,662; Apr. 18.
- Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Showcase reflector. 1,927,254; Sept. 19.
- Benjamin, Reuben B., and J. H. Waterbury, Chicago, assignors to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Lighting construction. 1,903,087; Mar. 28.
- Benjamin, Webster, Bristol, Conn. Corset. 1,928,477; Sept. 26.
- Benkelman, Glen F., assignor to Continental Carbon, Inc., Cleveland, Ohio. Electrical resistance device. 1,909,247; May 16.
- Benkelman, Glen F., assignor to Continental Carbon, Inc., Cleveland, Ohio. Electric terminal and resistance device. 1,909,248; May 16.

- Benkelman, Glen F., assignor to Continental Carbon, Inc., Cleveland, Ohio. Resistance element. 1,929,396; Oct. 3.
- Benn, Alonzo N., Chicago, Ill. Apparatus for shaping meat for smoking. 1,899,178; Feb. 28.
- Benn, Howard H., Jackson, assignor to F. L. Parsons, Detroit, Mich. Combined coupling and valve. 1,913,971; June 13.
- Benner, Anthony A., and R. A. Schatzel, Rome, assignors to General Cable Corporation, New York, N. Y. Insulated electrical conductor. 1,905,789; Apr. 25.
- Benner, Arnold R., Pierce, assignor of one-third to S. B. Nave, El Campo, Tex. Two-row grain header. 1,925,975; Sept. 5.
- Benner, Lloyd E., Minneapolis, Minn. Article for transferring color and other material. 1,894,727; Jan. 17.
- Benner, Raymond C., P. H. Walker, and C. E. Wooddell, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 1,918,242; July 18.
- Benner, Raymond C., and H. N. Baumann, jr., assignors, by mesne assignments, to The Global Corporation, Niagara Falls, N. Y. Electrical resistor rod. 1,918,317; July 18.
- Benner, Raymond C., P. H. Walker, and W. G. Soley, assignors to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for increasing the uniformity of abrasive and ceramic articles. 1,936,820; Nov. 28.
- Bennett, Arthur F., Richmond Hill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmitter filing machine. 1,910,980; May 23.
- Bennett, Arthur F., West Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Control mechanism for machine tools. 1,916,914; July 4.
- Bennett, Arthur F., West Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Milling machine. 1,922,073; Aug. 15.
- Bennett, Ashley C., Minneapolis, Minn. Smoke cleaner for furnaces. 1,928,808; Oct. 3.
- Bennett, Ashley C., Minneapolis, Minn. Smoke cleaner. 1,939,248; Dec. 12.
- Bennett, Charles A. (See Allen, G. N., and Bennett.)
- Bennett, Charles E., Hawthorne, assignor to The Okonite Company, Passaic, N. J. Continuous metal press. 1,926,666; Sept. 12.
- Bennett, Charles W., Douglaston, assignor to Photo-Cast, Inc., Rochester, N. Y. Making a printing surface. 1,919,194; July 25.
- Bennett, Clement K., assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Removable closure member for tube sheets. 1,939,034; Dec. 12.
- Bennett, Deeny M., Waveross, Ga. Door hanger for box cars or the like. 1,930,379; Oct. 10.
- Bennett, Dennis H., Dorr, assignor of one-third to D. Halford and one-third to W. E. Ihling, Kalamazoo, Mich. Cutter mechanism for mowing machines. 1,903,753; Apr. 18.
- Bennett, Edwin B., Avalon, N. J. Compass course finder. 1,896,997; Feb. 7.
- Bennett, Edwin O. (See Moran, D. J., and Bennett.)
- Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Dry ice conversion unit. 1,905,885; Apr. 25.
- Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Flexible stuffing box assembly. 1,928,122; Sept. 26.
- Bennett, Floyd E., Sutton, Nebr. Fire extinguisher. 1,937,805; Dec. 5.
- Bennett, Frank. (See Hallowell, H. T., and Bennett.)
- Bennett, Frederick E., Shaker Heights, and R. C. Skeel, Lakewood, assignors to The National Welders Manufacturing and Supply Company, Cleveland, Ohio. Interchangeable torch. 1,940,343; Dec. 19.
- Bennett, Incorporated. (See Neitzke, Oscar F., assignor.)
- Bennett, Frederick O., assignor to New York Mills Corporation, New York Mills, N. Y. Machine for grinding disk knives. 1,914,879; June 20.
- Bennett, George E., Middle Grove, Ill. Gear shift for automobiles. 1,923,905; Aug. 22.
- Bennett, Harry, Galveston, Tex. Ship's trim indicator. 1,896,998; Feb. 7.
- Bennett, Harry, Brooklyn, N. Y. Emulsifiable product and emulsion obtained therefrom. 1,914,100; June 13.
- Bennett, Harry T., and L. G. Story, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Making stable low pour point lubricating oils. 1,896,342; Feb. 7.
- Bennett, Herbert G. R., Youngstown, Ohio. Metal band looping machine. 1,915,713; June 27.
- Bennett, Irving T., assignor, by mesne assignments, to Metropolitan Engineering Company, Brooklyn, N. Y. Sheet metal radiator. 1,898,028; Feb. 21.
- Bennett, Irving T., Brooklyn, assignor to T. E. Murray, deceased, J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors. Electric heater. 1,899,933; Mar. 7.
- Bennett, Irving T., Brooklyn, N. Y., assignor, by mesne assignments, to Metropolitan Engineering Company. Window ventilator. 1,916,355; July 4.
- Bennett, Irving T., Brooklyn, N. Y., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation. Casing or cover for radiators. 1,920,778; Aug. 1.
- Bennett, Irving T., Brooklyn, and F. C. Reynolds, New York, N. Y., assignors, by mesne assignments, to Metropolitan Engineering Company. Heating and cooling system. 1,895,876; Jan. 31.
- Bennett, Irving T., and F. C. Reynolds, Brooklyn, N. Y., assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation. Radiator. 1,920,779; Aug. 1.
- Bennett, James G. (See Knickerbocker, George S., assignor.)
- Bennett, James H., deceased, assignor of one-half to E. Donovan, Detroit, Mich.; M. J. B. Pennoyer, administratrix. Toilet bowl. 1,894,846; Jan. 17.
- Bennett, John L., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fly swatter and the like. 1,913,228; June 6.
- Bennett, Joseph E., Atlanta, Ga. Arrangement for application of driving box wedge bolts. 1,932,880; Oct. 31.
- Bennett, Joseph S., assignor to American Engineering Company, Philadelphia, Pa. Side wall construction. 1,906,835; May 2.
- Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Fluid-cooled wall for double-fired furnaces. 1,912,880; June 6.
- Bennett, Joseph S., assignor to American Engineering Company, Philadelphia, Pa. Water cooled stoker. 1,916,713; July 4.
- Bennett, Joseph S., assignor to American Engineering Company, Philadelphia, Pa. Furnace wall construction. 1,922,521; Aug. 15.
- Bennett, Joseph S., assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 1,931,281; Oct. 17.
- Bennett, Joshua H., Rock Island, Ill. Stereoscope casing. Des. 90,564; Aug. 29.
- Bennett, Morris H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flash light. 1,894,606; Jan. 17.
- Bennett, Morris H., and A. D. Cowperthwait, assignors to Scovill Manufacturing Company, Waterbury, Conn. Variable electric condenser. 1,917,487; July 11.
- Bennett, Nicholas, Appleton, H. Dodd, Glazebrook, Manchester, W. C. Sprent, Cressington, and F. Holt, Weybridge, England, assignors to Imperial Chemical Industries Limited. Manufacture of benzyl chloride. 1,911,667; May 30.
- Bennett, Norman G., London, England. Measuring appliance. 1,901,724; Mar. 14.
- Bennett, Oliver E., Boston, Mass. Dispensing apparatus for stickers. 1,896,343; Feb. 7.
- Bennett, Owen G., assignor to Catalyst Research Corporation, Baltimore, Md. Hydrogenation process and catalyst therefor. 1,893,155; Jan. 3.
- Bennett, Owen G., and J. C. V. Frazer, said Bennett assignor to Catalyst Research Corporation, Baltimore, Md. Metallic catalyst. 1,893,879; Jan. 10.
- Bennett, Owen G., and J. C. W. Frazer, said Bennett assignor to Catalyst Research Corporation, Baltimore, Md. Making supported catalysts. 1,940,934; Dec. 26.
- Bennett, Owen G., Baltimore, Md., and C. B. Jackson, Meridian, Miss., assignors to Catalyst Research Corporation, Baltimore, Md. Hydrogenation catalyst. 1,905,433; Apr. 25.
- Bennett, Raisley B. M., La Jolla, Calif. Device for covering manually controllable parts of motor vehicles. 1,927,913; Sept. 26.
- Bennett, Rexford P., assignor to Clover Leaf Manufacturing Co., Honesdale, Pa. Bracket. 1,924,530; Aug. 29.
- Bennett, Sarah L., Oakland, Calif. Dresser. Des. 90,694; Sept. 19.
- Bennett, Stevens A., assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Barrel construction. 1,930,991; Oct. 17.
- Bennett, Thomas B. (See Clarke, Alex A., assignor.)
- Bennett, Thomas B., et al. (See Clarke, Alex A., assignor.)
- Bennett, Thomas B. (See Clarke, A. A., and Wilkiewicz, assignors.)
- Bennett, Thomas H., assignor to Matthiessen & Hegeler Zinc Co., La Salle, Ill. Sintering ores and apparatus therefor. 1,940,935; Dec. 26.
- Bennett, W. H., Dr., et al. (See McCorquodale, Wilmer E., assignor.)
- Bennett, William E. (See Wullert, W. W., and Bennett.)
- Bennetter, Sigvart J., Oslo, Norway. Cooling perishable food products. 1,913,624; June 13.
- Benninghoff, William E. (See Wood, W. H., Trautman, and Benninghoff.)
- Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Carrier for ovens, furnaces or the like. 1,900,903; Mar. 14.
- Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Material storage and handling system. 1,927,677; Sept. 19.
- Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Transfer track section. 1,927,678; Sept. 19.
- Bennington Wax Paper Company. (See Hurlbut, Daniel C., assignor.)
- Benoit, Frederick A. (See Barden, E. M., and Benoit.)

- Benoit, Frederick A. (See Murphy, E. B., Benoit, and Barden.)
- Benoit, Joseph P., Alton, Ill., assignor to Owens-Illinois Glass Company. Bottle transferring mechanism. 1,915,972; June 27.
- Benoit, Leon. (See Coyle, Joseph L., assignor.)
- Benoit, Leon. (See Sugerman, Louis, assignor.)
- Benoit, Leon. (See Swager, Desmond K., assignor.)
- Benoit, Leon, Chicago, Ill. Packing of eggs. 1,913,655; June 13.
- Benoit, Leon, Chicago, Ill. Filler for egg cartons and the like. 1,919,458; July 25.
- Benoit, Leon, Chicago, Ill. Apparatus for processing of eggs and the like. 1,932,720; Oct. 31.
- Benoit, Leon, Chicago, Ill. Case for eggs. 1,932,721; Oct. 31.
- Benoit, Oliver A., Lawrence, Mass. Machine and method for mixing fibers. 1,929,344; Oct. 3.
- Benowitz, Aaron, assignor to Synthetic Fur Mills Corp., New York, N. Y. Manufacturing of yarn. 1,934,398; Nov. 7.
- Bensa, Felice. (See Pongratz, Alfred, assignor.)
- Bensa, Felice. (See Pongratz, A., and Zinke, assignors.)
- Bensel and Martin. (See Martin, Etta S., assignor.)
- Bensing, Le Rue P. (See Wheeler, K. V., and Bensing, assignors.)
- Benson, Arthur C., assignor to J. S. Abercrombie, Houston, Tex. Clutch for hoisting drums. 1,904,350; Apr. 18.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Oscillating electric fan. 1,916,599; July 4.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Self-starting induction motor. 1,917,289; July 11.
- Benson, Burt L., Wheaton, Ill. Blade sharpener. 1,916,600; July 4.
- Benson, Carl N., Scarsdale, N. Y., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Lubricating system for vertical pumps. 1,918,733; July 18.
- Benson, Edward J., et al. (See Kreher, Max, assignor.)
- Benson, Edward W., Romulus, Mich. Tumbling mill. 1,929,546; Oct. 10.
- Benson, Emil, assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Exhauster for a dry pipe valve system. 1,930,580; Oct. 17.
- Benson, George O., assignor to Talarico Bros., Niagara Falls, N. Y. Toy. 1,925,067; Aug. 29.
- Benson, George O., and E. J. Smyntek, assignors to Pre-max Products Corporation, Niagara Falls, N. Y. Adjustable holder. 1,912,564; June 6.
- Benson, Harry D., assignor, by mesne assignments, to Paxton Credit Corporation, Sanger, Calif. Method of and apparatus for securing covers to containers. 1,938,244; Dec. 5.
- Benson, Henry K., Seattle, Wash. Manufacturing wood pulp in multiple stages. 1,896,344; Feb. 7.
- Benson, Ikel, C. (See Taylor, O. G., and McDonald, assignors.)
- Benson, John H. (See Beman, R. H., and Benson.)
- Benson, Melvin B., et al. (See Benson, Melvin B.)
- Benson, Melvin B., New York, N. Y., assignor, by mesne assignments, to Melvin B. Benson Corporation and M. B. Benson. Sign. 1,904,192; Apr. 18.
- Benson, Melvin B., New York, N. Y., assignor, by mesne assignments, to Melvin B. Benson Corporation and M. B. Benson, Jackson Heights, N. Y. Electric sign. 1,906,516; May 2.
- Benson, Melvin B., New York, assignor, by mesne assignments, to Melvin B. Benson Corporation and M. B. Benson, Jackson Heights, N. Y. Moving sign. 1,907,235; May 2.
- Benson, Melvin B., New York, N. Y., assignor to Shredwood Curtain Co., Worcester, Mass. Operating mechanism for curtains, shades, or the like. 1,941,383; Dec. 26.
- Benson, Melvin B., Corporation. (See Benson, Melvin B., assignor.)
- Benson, Pamela F., Long Beach, Calif. Baby's folding crib. 1,905,128; Apr. 25.
- Benson, Walter F. (See Adsit, F. W., and Benson.)
- Benson, William E., Boston, assignor to Kalix Cup Company, West Chelmsford, Mass. Container dispenser. 1,907,713; May 9.
- Benson, William E., Boston, assignor to Kalix Cup Company, West Chelmsford, Mass. Dispensing apparatus. 1,907,714; May 9.
- Benson, Willis J., Douglas, Ariz. Copper treating furnace. 1,896,570; Feb. 7.
- Benster, Lucien H., and R. S. Trott, Denver, Colo. Rotary valve for engines. 1,938,795; Dec. 12.
- Bentley Engineering Company, The. (See Bentley, P. A., Manger, and Wainwright, assignors.)
- Bentley, John G., Greensboro, N. C. Handling web rolls. 1,930,074; Oct. 10.
- Bentley, John G., Greensboro, N. C. Beam truck. 1,930,076; Oct. 10.
- Bentley, John G., Greensboro, N. C. Cloth inspector. 1,930,077; Oct. 10.
- Bentley, John G. and R. A. Gibbs, jr., Greensboro, N. C. Dobby drive. 1,923,048; Aug. 15.
- Bentley, John G., R. A. Gibbs, jr., and F. O. Gibbs, Greensboro, N. C. Combined brake and clutch release for looms. 1,930,075; Oct. 10.
- Bentley, John G., and R. A. Gibbs, jr., Greensboro, N. C. Web roll truck. 1,930,078; Oct. 10.
- Bentley, John G., and R. A. Gibbs, jr., Greensboro, N. C. Drawing in frame. 1,930,079; Oct. 10.
- Bentley, John G., R. A. Gibbs, F. O. Gibbs and G. M. Jones, Greensboro, N. C. Parallel picker motion for looms. 1,930,080; Oct. 10.
- Bentley, John G., and R. A. Gibbs, jr., assignors to Gibbs Machine Company, Greensboro, N. C. Shuttle truing machine. 1,930,073; Oct. 10.
- Bentley, Marguerite E., Longfield, assignor to Tribo Limited, London England. Cleaning and polishing device, particularly applicable for manicure purposes. 1,920,738; Aug. 1.
- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Elastic fluid turbine and operating the same. 1,896,808; Feb. 7.
- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Multistage turbine. 1,896,809; Feb. 7.
- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Elastic fluid turbine. 1,921,903; Aug. 8.
- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Elastic fluid turbine. 1,922,074; Aug. 15.
- Bentley, Percival A., C. F. Manger, and C. H. Wainwright, assignors to The Bentley Engineering Company, Leicester, England. Knitting machine. 1,910,457; May 28.
- Bentley, Percival A., C. F. Manger, C. H. Wainwright, and G. A. Buswell, Leicester, England. Circular knitting machine. 1,933,408; Oct. 31.
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Lever operated snap switch. 1,935,498; Nov. 14.
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Electric switch device. 1,940,525; Dec. 19.
- Benton, Earl J. (See Crane, F. G., and Benton.)
- Benton, Roy E., Elyria, Ohio. Tool. 1,923,964; Aug. 22.
- Bentzel, Frank D., assignor to Burroughs Adding Machine Company, Detroit, Mich. Tally roll mechanism for accounting machines. 1,931,126; Oct. 17.
- Benway, William G., Seattle, Wash. Audiphone. 1,897,833; Feb. 14.
- Benway, William G., New York, N. Y. Telephonic device for assisting or enabling partially deaf persons to hear. 1,935,932; Nov. 21.
- Benya, John H., Lakewood, Ohio. Display device. 1,921,113; Aug. 8.
- Benz, Johannes, Dusseldorf, Germany. Butter and like molding device. 1,904,714; Apr. 18.
- Benz, Johannes, Dusseldorf, Germany. Butter and like divider. 1,922,723; Aug. 15.
- Benzick, William M., and O. W. Eck, St. Paul, Minn. Bait. 1,893,390; Jan. 3.
- Benziger, Bernard A., South Orange, N. J., assignor to Benziger Brothers, New York, N. Y. Candle extinguisher. 1,941,072; Dec. 26.
- Benziger Brothers. (See Benziger, Bernard A., assignor.)
- Benziger Brothers. (See Benziger, Xavier N., assignor.)
- Benziger, Xavier N., assignor to Benziger Brothers, New York, N. Y. Candelabra. 1,940,841; Dec. 26.
- Benzing, Hugo, Dresden, Germany. Power driven typewriter. 1,900,690; Mar. 7.
- Beon, Louis, assignor to Salem Glass Works, Salem, N. J. Leer. 1,919,923; July 25.
- Beplate, Viktor, Sydowsaue, near Stettin, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Reel. 1,907,715; May 9.
- Beplate, Viktor, Sydowsaue near Stettin, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Filament treating. 1,920,737; Aug. 1.
- Bequette, James C., et al. (See Wahrhaftig, J., and Cullen, assignors.)
- Beran, Charles F., Tuckahoe, N. Y., assignor to Celanese Corporation of America. Textile bobbin. 1,927,386; Sept. 19.
- Berard, Herman, assignor to William Brown & Sons Company, Winchendon, Mass. Tub or similar receptacle. Des. 90,695; Sept. 19.
- Béraud, Marie P., Vaugneray, France. Hot water and distilled water generator. 1,931,838; Oct. 24.
- Berberich, Harry C., Elmwood Park, Ill. Artificial bait. 1,896,132; Feb. 7.
- Berby, Ola L., assignor to Clyde Iron Works, Duluth, Minn. Friction clutch mechanism. 1,907,480; May 9.
- Berby, Ola L., assignor to Clyde Iron Works, Duluth, Minn. Safety device for hoisting engines. 1,919,997; July 25.
- Berdon, Albert E., East Orange, N. J., assignor to A C Spark Plug Company, Flint, Mich. High pressure discharge unit. 1,922,656; Aug. 15.
- Berek, Max, assignor to Ernst Leitz Optische Werke, G. m. b. H., Wetzlar, Germany. Ultralight intensive objective. 1,899,934; Mar. 7.
- Berek, Max, assignor to E. Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Light intensive objective. 1,939,098; Dec. 12.
- Berek, Max, assignor to E. Leitz, Optische Werke, G. m. b. H., Wetzlar, Germany. Opaque illuminator for microscopes. 1,940,290; Dec. 19.

- Berenbruch, Albert, Neuroessen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of energy transmitted to liquids. 1,909,145; May 16.
- Berendes, Rudolf, and W. Kropp, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Solvent for remedies. 1,921,722; Aug. 8.
- Berendes, Rudolf, Wuppertal-Sonnborn, and L. Schütz, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Bismuth salts of organic carboxylic acids. 1,934,785; Nov. 14.
- Berenstein, Frank, assignor to Panco Rubber Company, Chelsea, Mass. Shoe heel. Des. 89,118; Jan. 31.
- Berenstein, Frank, assignor to Panco Rubber Company, Chelsea, Mass. Shoe heel. Des. 90,189; June 27.
- Berent, John. (See Coffed, E. J., and Berent.)
- Beresford, Joseph W., Clifton, N. J. Fountain toothbrush. 1,900,326; Mar. 7.
- Beresh, John J., Los Angeles, Calif. Oil and water heater for internal combustion engines. 1,922,150; Aug. 15.
- Bereslavsky, Euphime V., New York, N. Y. Motor fuel. 1,915,917; June 27.
- Berg, Alfred J., Portsmouth, N. H. Heat exchanger method. 1,914,477; June 20.
- Berg, Alfred J., Portsmouth, N. H. Making heat exchangers. 1,928,639; Oct. 3.
- Berg, Charles E., Vero Beach, Fla. Package holder. 1,904,193; Apr. 18.
- Berg, Frantz F. (See Nitardy, F. W., Berg, and Georgi.)
- Berg, Frederick A., Chicago, Ill. High-intensity gaseous light. 1,928,002; Sept. 26.
- Berg, Frederick A., Chicago, Ill. High-intensity multiple arc projection lamp machine. 1,937,379; Nov. 28.
- Berg, Hakon A. (See Juengling, K. F., and Berg.)
- Berg, John, Cecil, Wis. Bucket. 1,899,006; Feb. 28.
- Berg, Magnus, Cushing, Okla. Boom attachment for tractors. 1,925,169; Sept. 5.
- Berg, Maurice O., Chicago, Ill. Focusing lamp with focusible reserve light bulb. 1,915,081; June 20.
- Berg, Morris F., Los Angeles, Calif. Paper-baling press. 1,925,365; Sept. 5.
- Berg, Richard O., assignor to Michigan Steel Tube Products Company, Detroit, Mich. Screw jack. 1,917,919; July 11.
- Berg, Robert B., Aurora, assignor to National Rail Joint Corporation, Chicago, Ill. Cleaning metal objects. 1,898,809; Feb. 21.
- Berg, Roy E., Chicago, Ill. Brake. 1,909,744; May 16.
- Berga, Oscar, and L. A. Rambo, Amboy, Ill. Ear corn crusher. 1,924,019; Aug. 22.
- Bergander, John F., Chicago, Ill. Antitheft device. 1,928,876; Oct. 3.
- Bergareche, José A. (See Bustinduy, M., and Bergareche.)
- Bergaud, Félicie E. A. W., Paris, France. Lip stick container or the like. Des. 89,944; May 23.
- Bergaud, Félicie E. A. W., Paris, France. Vanity case or the like. Des. 89,985; May 23.
- Bergaud, Félicie E. A. W., Paris, France. Case for lipsticks. 1,902,537; Mar. 21.
- Bergaud, Félicie E. A. W., Paris, France, assignor to Caron Corporation, New York, N. Y. Combined face powder and lip stick container. 1,911,788; May 30.
- Bergaud, Félicie E. A. W., Paris, France, assignor to Caron Corporation, New York, N. Y. Stopper. 1,918,243; July 18.
- Bergdoll, John G., assignor to York Ice Machinery Corporation, York, Pa. Expansion valve. 1,923,810; Aug. 22.
- Bergdolt, Alfred, Vohwinkel-Hammerstein, and F. Ballauf, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphurized phenol. 1,922,467; Aug. 15.
- Berge, Joseph, Montclair, assignor to The National Lock Washer Company, Newark, N. J. Nut and washer assembly. 1,904,263; Apr. 18.
- Berge, Joseph, Montclair, assignor to The National Lock Washer Company, Newark, N. J. Making screw and lock washer assemblies. 1,908,215; May 9.
- Bergé, Julien, assignor to Raffinerie Tirlemontoise, Société Anonyme, Tirlemont, Belgium. Preliminary treatment of raw sugar and the like. 1,901,142; Mar. 14.
- Bergen, George M., et al. (See Hatfield, Floyd H., assignor.)
- Bergen, Gustav, F. Engelhardt, and R. Steckhan, assignors to "Mia" Mühlenbau und Industrie Aktiengesellschaft, Brunswick, Germany. Manufacturing white Portland cement, etc. Re18,805; Apr. 25.
- Bergen, William V., Hillsboro, and A. C. Shute, Portland, Oreg. Reflector and holder. 1,926,224; Sept. 12.
- Bergendahl, Josef S. F., Gottenborg, Sweden. Method in the manufacture of catalogues, pamphlets, or the like with slanting opening edges. 1,932,153; Oct. 24.
- Bergenson, Sigurd R. F., Stockholm, Sweden. Headlight. 1,930,738; Oct. 17.
- Berger, Alois L., Oshkosh, Wis. Candle making. 1,926,362; Sept. 12.
- Berger, Augusta M., Palenville, N. Y. Shoe lace fastener. 1,913,102; June 6.
- Berger, Dorothy E., Newark, N. J., assignor to Apolda Knitting Mills, New York, N. Y. Ensemble garment. Des. 90,748; Sept. 26.
- Berger, Edward H., Manville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Flexible wear-resisting sealing fabric and making the same. 1,900,904; Mar. 14.
- Berger, Emil J., Hatfield, Pa. Hosiery. Des. 89,333; Feb. 28.
- Berger, Emil J., Hatfield, assignor to Dextdale Hosiery Mills, Lansdale, Pa. Hosiery. Des. 89,383; Mar. 7.
- Berger, Emil J., Philadelphia, H. W. Matthews, Lansdale, and G. W. Spayd, Philadelphia, assignors to Dextdale Hosiery Mills, Lansdale, Pa. Method and apparatus for finishing textile products. 1,926,694; Sept. 12.
- Berger, Friedrich W. F., Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,904,976; Apr. 18.
- Berger, Jackson T., Spokane, Wash. Window construction. 1,907,217; May 2.
- Berger, Joseph, Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine for forming crossed zigzag stitches. 1,911,668; May 30.
- Berger, Joseph A., Chicago, Ill. Puncture sealing fluid container. 1,903,355; Apr. 4.
- Berger, Knute, Seattle, Wash. Valve. 1,939,249; Dec. 12.
- Berger, Louis A., assignor to Simplex Steel Products Company, Chicago, Ill. Building construction. 1,923,906; Aug. 22.
- Berger Manufacturing Company. (See Vignos, Paul, assignor.)
- Berger, Martin, Freital, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Company, Dresden, Germany. Apparatus for sorting cigarettes. 1,940,526; Dec. 19.
- Berger, Martin, Freital, assignor to the Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Apparatus for supplying a machine with material. 1,941,429; Dec. 26.
- Berger, Maurice P. (See Hertz, S., and Berger.)
- Berger, Morris W., and F. H. Vivian, San Francisco, Calif. Rotating neon illuminated unit for barber poles. 1,894,342; Jan. 17.
- Berger, Ollie J., Chicago, Ill. Automatic forging machine. 1,896,692; Feb. 7.
- Berger, Otto, assignor to O. D. Jennings & Company, Chicago, Ill. Vending machine. 1,909,039; May 16.
- Berger, Paul. (See Ledru, M. J. L., Bidaud, and Berger.)
- Berger, Samuel I., Newark, N. J. Toy tractor. 1,911,546; May 30.
- Berger, Samuel L., Newton Center, Mass., and L. Levenson, Flushing, N. Y. Undergarment. 1,916,133; June 27.
- Berger, Vinzenz, Chomotov (Komotau), Czechoslovakia, assignor to P. J. Howard, Los Angeles, Calif. Rose. Pl. Pt. 78; Oct. 3.
- Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Railway journal box mounting. 1,935,763; Nov. 21.
- Bergfeld, Reinhold, Berlin, Germany. Gas holder of the piston closure type. 1,918,894; July 18.
- Bergfeld, Reinhold, assignor to Bamag-Meguin Aktiengesellschaft, Berlin, Germany. Waterless gas-holder. 1,907,277; May 2.
- Berggren, Charles A., Los Angeles, assignor to M. B. Pendleton, San Gabriel, Calif. Sampling device for liquids. 1,925,366; Sept. 5.
- Berggren, Frans L., Spokane, Wash. Rotary gas motor. 1,918,174; July 11.
- Bergh, Philip, assignor to Jantzen Knitting Mills, Portland, Oreg. Swimming suit. 1,930,034; Oct. 10.
- Berghane, Henry, Yonkers, assignor to Jacob Bros. Co., New York, N. Y. Radiocabinet. 1,915,177; June 20.
- Berghaus, Bruno. (See Stahn, A., and Berghaus.)
- Berghoefer, Edward C., Los Angeles, Calif., assignor to Link-Belt Company, Chicago, Ill. Fine mesh screen box. 1,932,920; Oct. 31.
- Bergholtz, Carl A., Stoneham, assignor to Moore Shank Company, Everett, Mass. Punching machine. 1,931,468; Oct. 17.
- Bergische Stahl-Industrie. (See Halbach, Paul, assignor.)
- Berglund, Carl E., Joliet, Ill. Jack. 1,926,610; Sept. 12.
- Bergman, Anna H., et al. (See Bergman, Ernest C., assignor.)
- Bergman, Donald J., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,900,153; Mar. 7.
- Bergman, Donald J., assignor to Universal Oil Products Company, Chicago, Ill. Coil for fluid heating furnaces. 1,936,284; Nov. 21.
- Bergman, Ernest C., assignor of one-half to A. H. Bergman, and one-half to C. F. Stroman, York, Nebr. Carburetor. 1,894,847; Jan. 17.
- Bergman, Hyman W., Kansas City, Mo. Vaporizer or similar article. Des. 89,462; Mar. 14.
- Bergman, Jerome E., Buffalo, and F. P. Ego, Kenmore, assignors to Bergman Tool Mfg. Co., Buffalo, N. Y. Battery tool. 1,893,353; Jan. 3.
- Bergman, John and M., Poulso, Wash. Loom. 1,904,715; Apr. 18.
- Bergman, Margaret. (See Bergman, John and M.)
- Bergman, Sven R., Nabant, Mass., assignor to General Electric Company. Arc welding system. 1,893,354; Jan. 3.
- Bergman Tool Mfg. Co. (See Bergman, J. E., and Ego, assignors.)
- Bergmann, Carl. (See Lorenz, Valentin, assignor.)

- Bergmann, Christian N., assignor to Bergmann Packaging Machine Company, Pittsburgh, Pa. Capping machine. 1,908,216; May 9.
- Bergmann Packaging Machine Company. (See Bergmann, Christian N., assignor.)
- Bergmann, Reinhard, West Allis, assignor to Harnischfeger Corporation, Milwaukee, Wis. Excavator. 1,898,810; Feb. 21.
- Bergmann, William H., assignor to The American Fork & Hoe Company, Cleveland, Ohio. D-handle. 1,899,662; Feb. 28.
- Bergmann, William H., assignor to The American Fork & Hoe Company, Cleveland, Ohio. D-top and making the same. 1,908,305; May 9.
- Bergner, Nore E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Arrangement in connection with centrifugal bowls. 1,917,422; July 11.
- Bergoin, Marcel, Courbevoie-on-the-Seine, France. Pneumatic controlling device. 1,911,259; May 30.
- Bergs Manufacturing Company. (See Hofer, A., and Danning, assignors.)
- Bergstein, Samuel, Cincinnati, Ohio. Process and machine for treating moistureproof sheet material. 1,926,363; Sept. 12.
- Bergstein, Samuel, Cincinnati, Ohio. Machine and method for making knockdown boxes. 1,926,364; Sept. 12.
- Bergstein, Samuel, Cincinnati, Ohio. Knockdown paper container. 1,926,365; Sept. 12.
- Bergstein, Samuel, Cincinnati, Ohio. Knockdown container. 1,926,366; Sept. 12.
- Bergstein, Samuel, Cincinnati, assignor to The Interstate Folding Box Company, Middletown, Ohio. Making paper boxes or the like. Re18,823; May 9.
- Bergstrand, Frank O., Worcester, Mass. Gauge for concrete floors. 1,894,392; Jan. 17.
- Bergstrom, Carl J. O., Huskvarna, Sweden. Cattle drinking cup or the like. 1,895,066; Jan. 24.
- Bergstrom, Carl O., Mattapan, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Laminated core member and making the same. 1,936,244; Nov. 21.
- Bergstrom, Harry B., F. W. Bonfils, N. De George, and L. Tuckerman, Denver, Colo. Method and apparatus for salvaging newsprint paper. 1,926,425; Sept. 12.
- Bergstrom, Herbert G., and G. B. Martin, assignors to The Hargrove Company, Des Moines, Iowa. Receptacle cover and mounting structure. 1,923,063; Aug. 22.
- Bergström, John, Dresden, Germany. Automatic twist drill milling machine. 1,933,362; Oct. 31.
- Bergstrom, Obert E., et al. (See Driggs, Robert G., assignor.)
- Bergstrom, Sven. (See Wallace, A. L., and Bergstrom.)
- Bersvik, Arne, and R. Hellerud, Oslo, Norway. Manufacture of artificial cream. 1,941,243; Dec. 26.
- Berguerand, Lucien, Stolberg, Germany, assignor to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Method and apparatus for classifying abrasives suspended in liquids. 1,916,035; June 27.
- Bergvall, Royal C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Variable-voltage lightning arrester. 1,939,035; Dec. 12.
- Berigan, Leroy G. (See Watzke, G. H., and Berigan.)
- Berk, Lewis, Brooklyn, assignor to American Merchandise Company, New York, N. Y. Bolster for flatware or the like. Des. 90,832; Oct. 10.
- Berkander, George F. (See Biber, Mary E., assignor.)
- Berkeley, Harrison C., assignor to The Inland Manufacturing Company, Dayton, Ohio. Freezing tray. 1,931,053; Oct. 17.
- Berkeley, Laurence J., Cleveland, Ohio. Valve mechanism. 1,919,973; July 25.
- Berkely, Frederick M., New York, N. Y. Mechanical bowling alley. 1,926,258; Sept. 12.
- Berkenbile, Henry L., Hennessey, Okla. Container. 1,908,657; May 9.
- Berkenhoff & Drebes A. G. (See Diehl, Johannes F., assignor.)
- Berkheimer, Jesse E., Tacoma, Wash. Interlocking shingle. 1,902,155; Mar. 21.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Valve spring lifter. 1,897,030; Feb. 14.
- Berkner, Arthur. (See Peter, K., Schneiderman, and Berkner.)
- Berkowitz, Leon L., Philadelphia, Pa. Display device. 1,907,716; May 9.
- Berkowitz, Michael, New York, assignor to United Research Corporation, Long Island City, N. Y. Motion picture projecting machine. 1,905,886; Apr. 25.
- Berkowitz, Michael, New York, assignor to United Research Corporation, Long Island City, N. Y. Motion picture projecting machine. 1,921,449; Aug. 8.
- Berkowitz, Michael, New York, assignor to United Research Corporation, Long Island City, N. Y. Motion picture projecting machine. 1,922,349; Aug. 15.
- Berkshier, George E., and C. H. Schmidgall, Peoria, Ill. Battery terminal clamp. 1,924,482; Aug. 29.
- Berkshire Knitting Mills. (See Ennis, John G., assignor.)
- Berkshire Knitting Mills. (See Hemmerich, Hugo, assignor.)
- Berkshire Knitting Mills. (See White, Le Roy, assignor.)
- Berkwits, Max, Newburgh, N. Y. Pocket for reversible coats. 1,914,236; June 13.
- Berliawsky, Nathan. (See Nevelson, Charles S., assignor.)
- Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 1,914,067; June 13.
- Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 1,928,244; Sept. 26.
- Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 1,939,099; Dec. 12.
- Berlin, David W., Rasunda, Sweden. Automatically variable change speed gear device. 1,939,100; Dec. 12.
- Berlin, Henry. (See Kerr, R. W., and Berlin.)
- Berlin-Karlsruher Industrie-Werke Aktiengesellschaft. (See Rinkel, Otto, assignor.)
- Berliner, Julius F., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Mineral conversion. 1,909,606; May 16.
- Berliner, Julius F. T., R. J. Kepfer and C. S. Sherman, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Antifreeze non-corrosive solution. 1,915,148; June 20.
- Berliner, Robert. (See Schmidt, R. E., and Berliner.)
- Berlinger, Edward, and J. M. Gahagan, Madison, Wis., dedicated to the free use of the Government and the people of the United States of America. Metal fasten ing and manufacturing the same. 1,911,421; May 30.
- Berlinger, Joseph, Company. (See Solomon, Sophia, assignor.)
- Berlinger, Joseph, Company. (See Van der Does, Jean, assignor.)
- Berlow, Charles, assignor to American Wringer Co., Woonsocket, R. I. Roll. 1,939,948; Dec. 19.
- Berluti, Ercole R., Saginaw, Mich. Rotatable connector. 1,924,302; Aug. 29.
- Berman, Harry L., Roxbury, Mass. Electric light fixture. 1,912,683; June 6.
- Berman, Harry L., assignor to American Decorative Flower Co. Inc., Baltimore, Md. Poinsettia. 1,938,736; Dec. 12.
- Bermann, Louis, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Potentiometer resistance. 1,918,013; July 11.
- Berman, Morris, Norwich, Conn. Radiator filter. 1,933,409; Oct. 31.
- Bern, Frank, Cleveland, Ohio. Photographic printing device. 1,893,156; Jan. 3.
- Bernard, Arthur F., Providence, R. I. Strap tightener. 1,920,739; Aug. 1.
- Bernard, Auguste L. R., assignor to "Fusion-Moteurs," Ruell-Malmaison, France. Internal-combustion engine. 1,932,332; Oct. 24.
- Bernard, Auguste L. R., assignor to Society "Fusion-Moteurs," Ruell-Malmaison, France. Pump. 1,939,603; Dec. 12.
- Bernard, David G., assignor, by mesne assignments, to F. W. Kohler, Chicago, Ill. Delivering paper to printing presses. 1,910,878; May 23.
- Bernard, David G., assignor, by mesne assignments, to Franklin W. Kohler, Chicago, Ill. Paper delivering device. 1,938,888; Dec. 12.
- Bernard, Elmer E., Lynchburg, Va., assignor to C. H. Lewis, Harpster, Ohio. Process and apparatus for treating sewage and industrial waste. 1,928,163; Sept. 26.
- Bernard, Ernest, et al. (See Poplin, R. T., assignor, and Bone.)
- Bernard, Hanss. (See Ott, K., and Bernard.)
- Bernard, Harry, Allentown, Pa., assignor to International Motor Company, New York, N. Y. Gear shifting mechanism for motor vehicles. 1,938,796; Dec. 12.
- Bernard, James L., deceased, Beaver, and F. K. McDanel, Ambridge, Pa. S. L. Bernard, executrix. Spacing mechanism. 1,925,623; Sept. 5.
- Bernard, Marcel, assignor to Societe Francaise Radio-Electrique, Paris, France. Loudspeaker and like apparatus. 1,897,294; Feb. 14.
- Bernard, Sophia L., executrix. (See Bernard, J. L., and McDanel.)
- Bernardi, Anthony, assignor, by mesne assignments, to Raycol, British Corporation Limited, London, England. Color cinematography and the like. 1,931,920; Oct. 24.
- Bernardin Bottle Cap Co. (See Underwood, Olan B., assignor.)
- Bernardo, Leonardo, Philadelphia, Pa. Marking machine. 1,894,530; Jan. 17.
- Bernat, Henri. (See Bernat, Raoul and H.)
- Bernat, Raoul and H., Bordeaux, France. Refrigerating plant. 1,904,817; Apr. 18.
- Berndsen, Edward H., and J. L. Kelly, St. Louis, Mo. Deodorizing and insecticide attachment for vacuum cleaners. 1,911,669; May 30.
- Berndt, Walter, and O. Ernst, Hochst-on-the-Main, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of methyl chloride and methylene chloride. 1,918,371; July 18.
- Bernert, George, Milwaukee, Wis. Pneumatic conveyer. 1,924,675; Aug. 29.
- Bernfus, Erich, Vienna, Austria. Forming the top layer of packed fruit. 1,895,877; Jan. 31.
- Bernhard, Morris, New York, N. Y. Curtain or drapery hanger. 1,939,617; Dec. 12.

- Bernhard, Richard, assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Supporting roller for revolving drums and the like. 1,911,171; May 23.
- Bernhard, Robert A., Brighton, N. Y. Adhesive plastic composition. 1,895,367; Jan. 24.
- Bernhardt, Otto, Cassel-Wilhelmshöhe, and E. Vormann, Cassel, Germany. Top member for fastening illuminating bodies to ceilings. 1,903,421; Apr. 11.
- Bernholm, Jules H., et al., trustees. (See Gordon, Lincoln, assignor.)
- Bernier, Hiram, et al. (See Dufault, Homer D., assignor.)
- Berns, John V., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Orthopedic bed. 1,905,887; Apr. 25.
- Bernstein, Arnold, Mannheim, assignor to Zellstoffabrik-Waldhof, Mannheim-Waldhof, Germany. Production of artificial filaments from viscose solution. 1,910,879; May 23.
- Bernstein, Benjamin F., assignor to Sterling Shoe Corporation, Haverhill, Mass. Shoe. Des. 91,006; Nov. 14.
- Bernstein, Benjamin F., assignor to Sterling Shoe Corporation, Haverhill, Mass. Shoe. Des. 91,007; Nov. 14.
- Bernstein, Maurice J. (See Crossman, H., Greenbaum, and Bernstein.)
- Bernstein, Max. (See Parker, Clark W., assignor.)
- Bernstein, Max, Cincinnati, Ohio. Dog harness. 1,906,043; Apr. 25.
- Bernstein, Wilburn F., Los Angeles, Calif. Septic indicator. 1,894,015; Jan. 10.
- Bernström, Seth F., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Speed indicator. 1,905,261; Apr. 25.
- Bernz, Otto, Co. Inc. (See Bernz, W., and Flitcroft, assignors.)
- Bernz, Otto, Co. Inc. (See Bernz, W., Flitcroft, and Imfeld, assignors.)
- Bernz, Otto, Co. Inc. (See Meyer, Philip, assignor.)
- Bernz, William, J. E. Flitcroft, and J. M. Imfeld, assignors to Otto Bernz Co. Inc., Newark, N. J. Plumber's furnace. 1,905,617; Apr. 25.
- Bernz, William, and J. E. Flitcroft, assignors to Otto Bernz Co. Inc., Newark, N. J. Plumber's torch. 1,913,103; June 6.
- Berolzheimer, Clarence P., Chicago Heights, Ill., and K. H. Andren, Milwaukee, Wis.; said Andren assignor to said Berolzheimer. Apparatus for marking wire. 1,921,800; Aug. 8.
- Berres, Karl. (See Weiler, M., Berres, Wenk, and Stötter.)
- Berroth, Alfred, Potsdam, near Berlin, Germany. Measuring instrument for investigating gravitation. 1,927,150; Sept. 19.
- Berry, Albert L., Leather Company. (See Prouty, Millins W., assignor.)
- Berry, Althea T., Wolfeboro, N. H. Pyrotechnic product and making the same. 1,932,722; Oct. 31.
- Berry, Arthur G. V. (See Blair, S. M., Melvill, Berry, and Banks.)
- Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Cutting machine. 1,911,741; May 30.
- Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Cutting machine. 1,932,239; Oct. 24.
- Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Stripper for cutting machines. 1,911,742; May 30.
- Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Gauge for cutting machines. 1,923,293; Aug. 22.
- Berry Bros. Tool Mfg. Co. (See Berry, Charles F., assignor.)
- Berry, Charles F., Boston, Mass. Combined rubber and leggin. 1,901,492; Mar. 14.
- Berry, Charles F., assignor to Berry Bros. Tool Mfg. Co., Columbus, Kans. Reamer. 1,894,937; Jan. 24.
- Berry, Earl E. (See Aldrich, A., and Berry.)
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Self-balancing steam fitting. 1,896,062; Feb. 7.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Screen type flow evenner. 1,918,514; July 18.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Paper rewinder. 1,939,198; Dec. 12.
- Berry, Earl E., and T. C. Roberts, assignors to Beloit Iron Works, Beloit, Wis. Method of and apparatus for making paper. 1,898,611; Feb. 21.
- Berry, Frank E., assignor to Brown-McLaren Manufacturing Company, Detroit, Mich. Cutting tool. 1,929,801; Oct. 10.
- Berry, George A., Bound Brook, C. P. Linville, Elizabeth, and A. P. Beardsley, Plainfield, assignors to Calco Chemical Company, Bound Brook, N. J. Apparatus for use in the catalytic oxidation of gases. 1,900,857; Mar. 7.
- Berry, George P., assignor to General Motors Research Corporation, Detroit, Mich. Brake actuating mechanism. 1,897,787; Feb. 14.
- Berry, George P., assignor to General Motors Research Corporation, Detroit, Mich. Slide valve engine. 1,899,743; Feb. 28.
- Berry, George P., assignor to General Motors Research Corporation, Detroit, Mich. Screw type mechanical lash adjuster for valves. 1,905,888; Apr. 25.
- Berry, George P., assignor to General Motors Research Corporation, Detroit, Mich. Oil pressure regulator. 1,929,108; Oct. 3.
- Berry, George P., assignor to General Motors Research Corporation, Detroit, Mich. Slack adjuster. 1,930,261; Oct. 10.
- Berry, Herbert C. (See Avery, C. D., and Berry.)
- Berry, Herbert H., London, England. Electric imitation fire. 1,902,274; Mar. 21.
- Berry, Herman C., Moylan, Pa. Strain gauge. 1,933,238; Oct. 31.
- Berry, Hiram N., assignor to Cotton Harvester Corporation of America, Greenville, Miss. Cotton picker. 1,896,694; Feb. 7.
- Berry, Lathrop F., Jackson, Mich. Cash register. 1,906,261; May 2.
- Berry, Louin, Fort Worth, Tex. Article and quantity designator for menus and the like. 1,899,382; Feb. 28.
- Berry Machine Company. (See Berry, Benjamin F., assignor.)
- Berry, Roy, Olney, Ill. Liquid dispenser. 1,893,391; Jan. 3.
- Berry, Roy, Olney, Ill. Attachment assembly for liquid coolers. 1,936,103; Nov. 21.
- Berry Solder Co. Inc. (See McBride, Frank D., assignor.)
- Berry, Theodore M., and M. S. Mead, jr., Schenectady, N. Y., assignors to General Electric Company. Electrical frequency analyzer. 1,933,306; Oct. 31.
- Berry, Thomas D., Markdale, Ontario, Canada. Lightning arrester. 1,905,970; Apr. 25.
- Berry, Walter M., Los Angeles, and F. E. Wood, assignors to Day & Night Water Heater Company, Monrovia, Calif. Down-draft diverter. 1,925,744; Sept. 5.
- Berryman, Grover C., assignor of one-third to E. M. Smith Company, one-third to W. L. McLaine, and one-third to R. A. Sperry, Los Angeles, Calif. Wear preventer. 1,913,018; June 6.
- Bersey, Frederick T., E. A. Hardy, and S. C. Newson, London, England. Metallic lining of metal bodies. 1,918,895; July 18.
- Berssenbrugge, William, Milwaukee, Wis. Folding leg table. 1,930,834; Oct. 17.
- Berssenbrugge, William H., Whitefish Bay, Wis. Table. 1,904,401; Apr. 18.
- Bersted, Martin C., San Diego, Calif. Faucet. 1,916,553; July 4.
- Bersted, Martin C., San Diego, Calif. Sprinkling nozzle. 1,917,216; July 11.
- Berstrom, Carl O., Mattapan, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Dynamo-electric machine. 1,914,988; June 20.
- Bertell, Paul, and W. La Hodny, assignors to Standard Mirror Company, Inc., Buffalo, N. Y. Rear view mirror assembly. 1,895,566; Jan. 31.
- Bertels, William R., Kingston, Pa. Display stand. 1,929,136; Oct. 3.
- Berthelsen, Erhard U. T., Chicago, Ill., assignor to Addressograph Company, Cleveland, Ohio. Printing device. 1,929,472; Oct. 10.
- Berthold, Erich. (See Kunz, M. A., Berthold and Koeberle.)
- Berthold, Erich. (See Kunz, M. A., Koeberle, and Berthold.)
- Berthold, George H. E., East Orange, assignor to The Rajah Company, Bloomfield, N. J. Electrical connector. 1,930,639; Oct. 17.
- Berthold, Hermann, and H. Friedrich, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat and sulphur dyestuff preparation. 1,920,166; Aug. 1.
- Berthold, Richard E., Richmond Hill, assignor to Cardinal Products, Inc., New York, N. Y. Lighter. 1,899,008; Feb. 28.
- Berthold, Richard E., Richmond Hill, N. Y., assignor, by mesne assignments, to Cardinal Products, Inc. Lighter. 1,937,469; Nov. 28.
- Berthold, Rudolf G. (See Steenbeck, M., and Berthold.)
- Berthold, Rudolf G., Berlin-Siemensstadt, and W. Stockmeyer, Finkenkrug, near Berlin, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Support for electrodes in vacuum vessels. 1,904,119; Apr. 18.
- Berthon, Rodolphe, Neuilly, France, assignor, by mesne assignments, to Kislly Corporation, New York, N. Y. Copying goffered films. 1,904,671; Apr. 18.
- Berthon, Rodolphe, Neuilly, France, assignor, by mesne assignments, to Kislly Corporation, New York, N. Y. Process and device for reproducing goffered films. 1,904,672; Apr. 18.
- Berthon, Rodolphe, Neuilly, France, assignor, by mesne assignments, to Kislly Corporation, New York, N. Y. Printing of films for color cinematography. 1,904,673; Apr. 18.
- Berthon, Rodolphe, Neuilly-sur-Seine, France, assignor to Kislly Corporation. Continuous process and device for reproducing prints by contact on gaufered films. 1,922,615; Aug. 15.
- Berthon, Rodolphe, Neuilly-sur-Seine, France, assignor to Kislly Corporation. Reproduction by contact of films with refracting microscopic elements. 1,930,550; Oct. 17.
- Berthran, Benjamin E., Los Angeles, Calif., assignor of one-half to J. A. Bertran. Drilling bucket. 1,926,325; Sept. 12.
- Bertin, Charles F. M. (See Marti, P. A. D., Bertin, and Nandillon.)
- Berti, Norbert E. (See Lundt, E. C., and Berti.)

- Bert'Odatto, George, assignor to R. L. Beck and one-fifth to J. G. Hill, Cleveland, Ohio. Power transmission unit. 1,920,877; Aug. 1.
- Bertorello, John J., Montrose, assignor to A. Boyer, Delta, Colo. Universal marker. 1,916,250; July 4.
- Bertram, Edward A., Berkeley, Calif. Smoke treating device. 1,939,949; Dec. 19.
- Bertram, Ernst, Pasing, near Munich, Germany. Photographic exposure meter. 1,931,883; Oct. 24.
- Bertram, Friedrich, Vienna, Austria. Winding gear for tape measures and the like. 1,937,866; Dec. 5.
- Bertram, Herman R., and C. L. Fritz, Kansas City, Mo. Glove inflater. 1,913,064; June 6.
- Bertran, Benjamin E., Los Angeles, Calif., assignor of one-half to Josie A. Bertran. Underreamer. 1,905,995; Apr. 25.
- Bertran, Edward M., assignor to Chas. M. Stieff, Inc., Baltimore, Md. Aircraft control means. 1,896,999; Feb. 7.
- Bertran, Josie A. (See Bertran, Benjamin E., assignor.)
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 1,938,682; Dec. 12.
- Bertsch, Heinrich, assignor to H. Th. Böhme A. G., Chemnitz, Germany. Phosphoric acid esters. 1,900,973; Mar. 14.
- Bertsch, Heinrich, assignor to the Firm H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Production of aliphatic sulphonic acid compounds. 1,906,924; May 2.
- Bertsch, Heinrich, assignor to the Firm H. Th. Böhme Aktiengesellschaft, Chemnitz, Saxony, Germany. Preparing sulphonic acids of the aliphatic series. 1,910,459; May 23.
- Bertsch, Heinrich, assignor to H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Emulsion treatment and agent therefor. 1,918,372; July 18.
- Bertsch, Heinrich, assignor to H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Wetting agents. 1,918,373; July 18.
- Bertsch, Heinrich, assignor to H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Preparation of aliphatic sulphoacids. 1,923,608; Aug. 22.
- Bertsch, Johann A. (See Jaeger, A. O., and Bertsch.)
- Bertsch, Johann A. (See Kyrides, L. P., and Bertsch.)
- Bertsch, Johann A., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Catalyst and manufacturing same. 1,933,091; Oct. 31.
- Bertsche, Ralph, Jr., Anderson, Ind., assignor to Delco-Remy Corporation, Dayton, Ohio. Engine starter. 1,912,061; May 30.
- Bertsche, William H., et al. (See Ellingston, Cornwallis D., assignor.)
- Berve, Heinrich, Oesede, near Osnabrück, assignor to Klockner-Werke A. G., Abt. Georgs-Marien-Werke, Osnabrück, Germany. Mold for casting metal. 1,913,358; June 13.
- Berven, Oliver. (See Ekedahl, Hugo, and Berven.)
- Berwind-White Coal Mining Company, The. (See Breit, E., and Ford, assignors.)
- Berwind-White Coal Mining Company, The. (See Newbaker, Edward J., assignor.)
- Beryllium Corporation, The. (See Smith, Joseph K., assignor.)
- Beryllium Development Corporation. (See Clafin, Harry C., assignor.)
- Beryllium Development Corporation. (See Smith, Joseph K., assignor.)
- Berzon, Louis, assignor to Philadelphia Ice Cream Cone Machinery Company, Philadelphia, Pa. Mold-filling machine. 1,931,975; Oct. 24.
- Bescherer, Edwin A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter cabinet. Des. 90,278; July 11.
- Bescherer, Edwin A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supporting device. 1,901,947; Mar. 21.
- Bescherer, Edwin A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic dampening device. 1,910,981; May 23.
- Besenberg, Paul E., and H. J. Newcombe, Shreveport, La. Letter and record file and the like. 1,910,516; May 23.
- Besigk, Wilhelm Hermann, Düsseldorf-Auf Der Hardt, assignor to Haniel & Lueg G. m. b. H., Düsseldorf-Grafenberg, Germany. Apparatus for automatically regulating the drill pressure in deep-boring plants. 1,919,611; July 25.
- Bessler, William J., Plainfield, N. J. Brake mechanism for motor vehicles. 1,925,745; Sept. 5.
- Besnier, Louis J. (See Petit-Colas, H. F., and Besnier.)
- Besoche, Richard, assignor to Danby Machine Specialties Inc., Chicago, Ill. Work stop for die sets. 1,927,885; Sept. 26.
- Bess, Guy R., Chicago, Ill. Ink dispensing device. 1,916,200; July 4.
- Bessemer Cement Corporation, The. (See Wasson, Orie E., assignor.)
- Bessler Disappearing Stairway Company, The. (See Bessler, Frank E., assignor.)
- Bessler, Frank E., assignor to The Bessler Disappearing Stairway Company, Akron, Ohio. Switch. 1,922,012; Aug. 8.
- Bessler, Frank E., assignor to Bessler Disappearing Stairway Company, Akron, Ohio. Disappearing stairway. 1,930,992; Oct. 17.
- Bessler, Frank E., assignor to The Bessler Disappearing Stairway Company, Akron, Ohio. Disappearing stairway. 1,936,929; Nov. 28.
- Bessler, Frank E., assignor to The Bessler Disappearing Stairway Company, Akron, Ohio. Disappearing stairway. 1,936,930; Nov. 28.
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 1,902,824; Mar. 28.
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rotary cutter. 1,903,279; Apr. 4.
- Bessom, Earl A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making rotary cutters. 1,903,280; Apr. 4.
- Bessy, Peter F., Detroit, Mich. Windshield wiper. 1,902,610; Mar. 21.
- Best Body Corporation. (See Brezovitz, Anton, assignor.)
- Best, Charles A., Morgantown, W. Va., assignor to Morgantown Glass Works. Multicolored glass rod and making the same. 1,908,306; May 9.
- Best, Cyril. (See Molins, W. E., and Best.)
- Best Foods, Inc., The. (See Barradas, Matthew G., assignor.)
- Best Foods, Inc., The. (See Copes, Louis G., assignor.)
- Best Foods, Inc., The. (See Copes, L. G., Haurand, and Kellogg.)
- Best Foods, Inc. (See Schaub, Jacob, assignor.)
- Best, Harry S., assignor to John H. Best & Sons, Galva, Ill. Display rack. 1,899,935; Mar. 7.
- Best, Harry S., assignor to John H. Best & Sons, Galva, Ill. Display fixture. 1,927,010; Sept. 19.
- Best, Harry S., assignor to John H. Best & Sons, Galva, Ill. Sprocket. 1,933,698; Nov. 7.
- Best, John H., & Sons. (See Best, Harry S., assignor.)
- Best, Virgil H., Pasadena, Calif. Fish lure. 1,905,407; Apr. 25.
- Beste, Ernst A., Kohler, Wis. Drilling machine. 1,902,055; Mar. 21.
- Beste, Ernst A., Kohler, Wis. Drain fitting. 1,918,515; July 18.
- Bestelmeyer, Adolf, assignor to Hartmann & Braun Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for optical transfer of measurements. 1,939,161; Dec. 12.
- Besuch, Leopold. (See Nuernberger, J., and Besuch.)
- Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Tunnel kiln car. 1,893,123; Jan. 3.
- Bethea, Peter H., Washington, D. C. Sign. 1,900,896; Mar. 14.
- Bethel, Joseph N., West Hampstead, London, England, assignor to Norton Company, Worcester, Mass. Grinding, polishing, lapping, and finishing of metals. 1,931,370; Oct. 17.
- Bethenod, Joseph, Paris, France. Stray and atmospherics eliminating system. 1,904,607; Apr. 18.
- Bethenod, Joseph, Paris, France. Alternating current electric motor for phonographs and the like. 1,908,880; May 16.
- Bethenod, Joseph, Paris, France. Receiver. 1,912,752; June 6.
- Bethenod, Joseph, Paris, France. Electric servo-motor for automobiles or the like. 1,917,488; July 11.
- Bethenod, Joseph, Paris, France. High-power electron generating device. 1,937,542; Dec. 5.
- Bethenod, Joseph, assignor to l'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude, Paris, France. Striking and maintenance of an electric arc in a medium having a great dielectric strength. 1,930,964; Oct. 17.
- Bethenod, Joseph, Paris, France, assignor to Radio Patents Corporation, New York, N. Y. Feeding alternating current arcs. 1,938,618; Dec. 12.
- Bethenod, Joseph E. J., Paris, and N. L. Causan, Suresnes, France. Steering mechanism. 1,908,008; May 9.
- Bethlehem Foundry & Machine Company. (See Clarke, Eugene C., assignor.)
- Bethlehem Steel Company. (See Alden, Charles A., assignor.)
- Bethlehem Steel Company. (See Bedell, L. D., and Wheaton, assignors.)
- Bethlehem Steel Company. (See Bigge, Henry C., assignor.)
- Bethlehem Steel Company. (See Buchner, George J., assignor.)
- Bethlehem Steel Company. (See Castner, Willis H., assignor.)
- Bethlehem Steel Company. (See Catterall, William H., assignor.)
- Bethlehem Steel Company. (See Cook, E., and Anderson, assignors.)
- Bethlehem Steel Company. (See Dawson, Thomas C., assignor.)
- Bethlehem Steel Company. (See Dougherty, R. S. A., and Miller, assignors.)
- Bethlehem Steel Company. (See Frank, W. C., and Howells, assignors.)
- Bethlehem Steel Company. (See Hoffer, James M., assignor.)
- Bethlehem Steel Company. (See Johnson, Carl E., assignor.)
- Bethlehem Steel Company. (See Lehr, Charles E., assignor.)
- Bethlehem Steel Company. (See Leun, A. V., and Roffe, assignors.)

- Bethlehem Steel Company. (See Lewis, Roy A., assignor.)
 Bethlehem Steel Company. (See McGrew, John A., assignor.)
 Bethlehem Steel Company. (See Nieman, Henry W., assignor.)
 Bethlehem Steel Company. (See Reed, Claude D., assignor.)
 Bethlehem Steel Company. (See Russell, Frederick B., assignor.)
 Bethlehem Steel Company. (See Shimer, W. R., and Daniels, assignors.)
 Bethlehem Steel Company. (See Stephenson, Francis L., assignor.)
 Bethlehem Steel Company. (See Stevens, Richard H., assignor.)
 Bethlehem Steel Company. (See Stevens, R. H., Frank, and Kelly, assignors.)
 Bethlehem Steel Company. (See Underwood, Charles E., assignor.)
 Bethlehem Steel Company. (See Ward, Clemson H., assignor.)
 Bétrancourt, Fortuné, Pisa, Italy, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Surfacing and polishing. 1,928,196; Sept. 26.
 Bettendorf Company. (See Clasen, Claus J. W., assignor.)
 Bettendorf Company, The. (See Hamilton, Karl M., assignor.)
 Bettenga, Creno P., assignor to Advance-Marshall Company, Marshalltown, Iowa. Heating apparatus. 1,940,239; Dec. 19.
 Better Packages, Inc. (See Keck, Arthur, assignor.)
 Better Packages, Incorporated. (See Krueger, Theodore H., assignor.)
 Better Packages Inc. (See Krueger, Theodore H., and A. P., assignors.)
 Betterly, Elmer. (See Biederman, L., and Betterly.)
 Betterton, Jesse O., Omaha, Nebr., assignor to American Smelting and Refining Company, New York, N. Y. Selective chloridization of metals. 1,907,481; May 9.
 Betterton, Jesse O., and Y. E. Lebedeff, Omaha, Nebr., assignors to American Smelting & Refining Company, New York, N. Y. Apparatus for treating metals. 1,934,479; Nov. 7.
 Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating metals. 1,934,480; Nov. 7.
 Bettien, Richard. (See Nichols, K., and Bettien.)
 Bettini, David, assignor to Locke Insulator Corporation, Baltimore, Md. Insulator finishing brushing machine. 1,904,608; Apr. 18.
 Bettison, David C., and F. H. Keaton, Omaha, Nebr. Rail fissure detector. 1,892,826; Jan. 3.
 Betts, John H. (See Curtis, Henry E., assignor.)
 Betts, Walter L. (See Leuvelink, E., and Betts.)
 Betts, Walter L., Brooklyn, and E. Soren, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 1,917,009; July 4.
 Betulander, Gotthilf A., Södertörns Villastad, Sweden. Arrangement in relay-combination groups. 1,924,064; Aug. 22.
 Betz, Harry D., Kansas City, Mo. Air conditioner. 1,935,345; Nov. 14.
 Betz, L. Drew, et al. (See Foulds, William C., assignor.)
 Betz, William C., assignor to The Fafnir Bearing Company, New Britain, Conn. Spring shackle. 1,904,264; Apr. 18.
 Betz, William H., et al. (See Foulds, William C., assignor.)
 Betz, W. H. and L. D. (See Foulds, William C.)
 Beuhning, William J., assignor to Reliable Electric Company, Chicago, Ill. Cam brake for punch presses. 1,933,841; Nov. 7.
 Beuoy, George H., Cedar Vale, Kans. Rotary engine. 1,894,480; Jan. 17.
 Beutel, Robert J., Brooklyn, and P. Peterson, Richmond Hill, N. Y., assignors to International Cigar Machinery Company. Cigar transferring device. 1,899,179; Feb. 28.
 Beutel, Werner. (See Piepenbring, G. A., and Beutel.)
 Beuthner, Kurt, Krefeld, Germany. Purification of gases and apparatus therefor. 1,895,601; Jan. 31.
 Beuttner, Hans, Hamburg, Germany. Holder for glass plates, especially for decoration purposes. 1,908,470; May 9.
 Bevans, Fred G. (See Ritzinger, J. R., and Bevans.)
 Bevans, Ralph C., North Quincy, Mass. Window screen mounting. 1,915,589; June 27.
 Bevans, Ralph C., North Quincy, Mass. Window screen mounting. 1,915,590; June 27.
 Bevard, Lawrence H., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Welding tool. 1,910,668; May 23.
 Bever, Miles E., Anaheim, Calif. Flashing. 1,935,829; Nov. 21.
 Bever, Sampson C., et al. (See Soll, Arthur, assignor.)
 Beverage, Harold H., and H. O. Peterson, Riverhead, N. Y., assignors to Radio Corporation of America. Fading elimination. 1,917,290; July 11.
 Beverage, Harold H., and H. O. Peterson, Riverhead, N. Y., assignors to Radio Corporation of America. Eliminating fading. 1,917,291; July 11.
 Beverley, Frederick S., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Alimentary substance and making the same. 1,931,813; Oct. 24.
 Beville, Roy E., Shreveport, La. Idler gear. 1,910,083; May 23.
 Bevington, John E. (See West, B. B., and Bevington.)
 Bevington, John E., Cleveland, and Brennan B. West, Cleveland Heights, Ohio. Wrench for screw caps of jars and bottles. 1,916,554; July 4.
 Bevington, John E., Cleveland, assignor of one-half to Brennan B. West, Cleveland Heights, Ohio. Lock. 1,929,235; Oct. 3.
 Beyer, Erich, Chicago, Ill. Controlling mechanism for animal watering troughs. 1,896,860; Feb. 7.
 Beyer, Frank A., jr., Springfield, Mo. Manufacturing packing rings. 1,926,026; Sept. 12.
 Beyer, Haim. (See Blake, O., and Beyer.)
 Beyer, Otto, Munich, Germany. Two-stroke cycle internal combustion engine. 1,933,002; Oct. 31.
 Beyl, Emil A., assignor to Link Belt Supply Company, Minneapolis, Minn. Adjustable automatic take-up for belts. 1,934,481; Nov. 7.
 Beynon, Ross E., Chicago, Ill. Built-up roll. 1,938,995; Dec. 12.
 Beythien, Rudolf, Neuruppin/Mark, Germany, assignor to Pyrene-Minimax Corporation. Fire extinguishing method. 1,908,398; May 9.
 Bezner, Albert, Bavensburg, Germany. Decorticating device for timber. 1,921,904; Aug. 8.
 Bezzenberger, Frederick K., Cleveland, Ohio. Cleaning vulcanizing molds. 1,910,277; May 23.
 Bhagwat, Madhav R. (See Burke, S. P., and Bhagwat.)
 Biagosch, Karl, Leinizg, Germany. Cutting machine. 1,926,932; Sept. 12.
 Bialon, Konrad, Krefeld, Germany. Multi-color layer for color photography and manufacturing the same. 1,926,643; Sept. 12.
 Bianchi, Alfred A., Worcester, Mass. Broken belt detector and safety device. 1,904,351; Apr. 18.
 Bianchi, Giuseppe, Firenze, Italy. Safety device for one-man vehicles. 1,918,014; July 11.
 Bianchini, Fèrier Societe en nom collectif. (See Fèrier, Albert, assignor.)
 Bibb, Arthur et al. (See Krause, A. M., and Rounds, assignors.)
 Bibb, George F., Troy, N. Y., assignor to The Floyd-Wells Company, Roversford, Pa. Boller mechanism for combination ranges. 1,932,170; Oct. 24.
 Bibb Manufacturing Company. (See Jordan, Samuel J., assignor.)
 Bibb Manufacturing Company. (See Murphy, Henry J., assignor.)
 Bibby, James, London, England, assignor to The Falk Corporation, Milwaukee, Wis. Flexible coupling. 1,915,399; June 27.
 Biber, Mary E., assignor to G. F. Berkander, Providence, R. I. Toy or ornament of a shape to represent an animal. 1,925,895; Sept. 5.
 Bibicos, Theodore. (See Poulas, Gust, assignor.)
 Bichowsky, Francis R., Washington, D. C., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,913,869; June 13.
 Bichowsky, Francis R., Washington, D. C., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,914,101; June 13.
 Bichowsky, Francis R., Washington, D. C., assignor to Frigidaire Corporation, Dayton, Ohio. Thermostat for refrigerating apparatus. 1,915,265; June 20.
 Bickel, Ackert, Kansas City, Mo., assignor to The Jaeger Machine Company, Columbus, Ohio. Concrete mixer. Re18,838; May 23.
 Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Machine tool. 1,929,270; Oct. 3.
 Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Machine tool. 1,931,157; Oct. 17.
 Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Machine tool. 1,935,007; Nov. 14.
 Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Machine tool. 1,937,400; Nov. 28.
 Bickel, Clifford A., and P. A. Abe, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Apparatus for automatic form turning lathes. 1,929,269; Oct. 3.
 Bickel, William A., Oak Park, Ill., assignor of one-third to H. W. Roberts and two-thirds to E. W. Thompson. Racket stringing vise. 1,893,267; Jan. 3.
 Bickell, Charles H. (See Sparks, Stanley W., assignor.)
 Bickell, Charles H., trustee. (See Sparks, Stanley W., assignor.)
 Bicker, Edgar B., St. Louis, Mo. Paper receptacle and making the same. 1,905,334; Apr. 25.
 Bickford, Herbert A., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Wire-stitching or stapling machine. 1,928,304; Sept. 26.
 Bickley, Everett H., Cynwyd, Pa. Device for the comparison of colors. 1,914,322; June 13.
 Bickley, Everett H., Cynwyd, Pa. Automatic sorter. 1,921,862; Aug. 8.
 Bickley, Everett H., Cynwyd, Pa. Sorting machine. 1,921,863; Aug. 8.

- Bickley, Ross M., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Car retarder for car dumpers. 1,907,037; May 2.
- Bicknell, Putnam P., Rockland, Me. Bush chisel. 1,893,355; Jan. 3.
- Bidaud, Auguste F., Roussillon, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Changing the solubility of cellulose acetate. 1,909,483; May 16.
- Bidaud, Florentin. (See Ledru, M. J. L., Bidaud, and Berger.)
- Bidault, Eugène A. (See Schimmel F., and Bidault.)
- Biddle, Farrell D. (See Pierce, G. W., and Biddle.)
- Biddle-Gaumer Company. (See Lumley, Winfrid, assignor.)
- Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
- Bidwell, George L., Riegelsville, Pa., assignor to Riegel Paper Corporation, Riegelsville, N. J. Paper. 1,914,798; June 20.
- Bidwell, George L., Riegelsville, Pa., assignor to Riegel Paper Corporation, Riegelsville, N. J. Manufacture of paper. 1,914,799; June 20.
- Bieber, Clarence A. (See Wallace, W. H., Morrison, and Bieber.)
- Bieber, Clarence G., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Treatment of magnetic alloys and products, resulting therefrom. 1,901,018; Mar. 14.
- Biederman, Lazarus, and E. Betterly, Hazleton, Pa. Pedal. 1,926,966; Sept. 12.
- Biederman, M., et al. (See Dakan, Carl, assignor.)
- Biederman, William, New York, N. Y. Applicator for liquid cosmetics. 1,910,669; May 23.
- Biegler, Edward N., Whitehall, Mich., assignor of two-fifths to A. G. McCaleb, Evanston, Ill. Spring hinge. 1,935,603; Nov. 21.
- Biegler, Louis, Company. (See Swissler, Herman, assignor.)
- Biel, Pa. Richard. (See von Fischer, Waldemar, assignor.)
- Bielecky Bros. Inc. (See Bielecky, Conrad, assignor.)
- Bielecky, Conrad, Elmhurst, assignor to Bielecky Bros. Inc., New York, N. Y. Chaise longue. Des. 90,866; Oct. 17.
- Bieler, Oscar, Pittsburgh, Pa. Counterbalance for drive shafts. 1,893,928; Jan. 10.
- Biefeldt, Paul W., Mount Vernon, Ill. Unit heater. 1,931,748; Oct. 24.
- Bienenstein, Andreas, assignor to Conklin Pen Company, Toledo, Ohio. Fountain pen desk set. 1,893,534; Jan. 10.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Plunger type pen. 1,902,809; Mar. 28.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Plunger type pen. 1,902,810; Mar. 28.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Plunger type pen. 1,902,811; Mar. 28.
- Bienenstein, Andreas, assignor to Conklin Pen Company, Toledo, Ohio. Fountain pen desk set. 1,917,423; July 11.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Ink bottle. 1,932,765; Oct. 31.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Twisting filler fountain pen. 1,937,107; Nov. 28.
- Bienenstein, Andreas, assignor to The Conklin Pen Company, Toledo, Ohio. Clip attachment for fountain pens and other tubular articles. 1,939,199; Dec. 12.
- Bienstock, David J., Brooklyn, N. Y. Electric heating furnace. 1,897,883; Feb. 14.
- Bierce, Fred N., Cincinnati, Ohio. Guy shield. 1,901,550; Mar. 14.
- Bierling, Florus, Leipzig, Germany. Producing artificial stone plates. 1,916,034; June 27.
- Biermanns, Josef, Karlshorst, Germany, assignor to General Electric Company. Circuit interrupter. 1,911,052; May 23.
- Biernat, Carl, Glassford, Ill. Fog penetrating apparatus. 1,920,345; Aug. 1.
- Biers, Howard W. R., Forest Hills, N. Y., assignor to Oxweld Acetylene Company. Welding rod. 1,898,933; Feb. 21.
- Biertumpfel, Albert H., Newark, N. J. Sound absorbing and deadening material. 1,926,509; Sept. 12.
- Biery, John E., Grantwood, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Closure operating mechanism. 1,897,000; Feb. 7.
- Biery, Lewis E., New Kensington, Pa. Table. 1,897,884; Feb. 14.
- Biery, Walter L. (See Greis, Alphonse M., assignor.)
- Bigelow, Charles G. (See Hayes, J. C., Jr., and Bigelow.)
- Bigelow, Charles G., assignor to Freyn Engineering Company, Chicago, Ill. Checker construction. 1,916,458; July 4.
- Bigelow Company, The. (See Welter, Gustave, assignor.)
- Bigelow, George E., et al. (See Weis, Arthur R., assignor.)
- Bigelow, George E., Huntington Park, Calif. Turbine pump. 1,894,393; Jan. 17.
- Bigelow, George E., Southgate, and A. R. Weis, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Packing structure for turbine pumps. 1,911,422; May 30.
- Bigelow, Harry K., Toledo, Ohio, assignor, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., New York, N. Y. Brake testing equipment. 1,894,935; Jan. 17.
- Bigelow-Liptak Corporation. (See Schrufer, John A., assignor.)
- Bigelow, Ralph C., San Francisco, Calif. Short circuiting switch. 1,915,267; June 27.
- Bigelow-Sanford Carpet Co. (See Beneville, Paul V., assignor.)
- Bigelow-Sanford Carpet Co., Inc. (See Bouchard, D. J., and Rush, assignors.)
- Bigelow-Sanford Carpet Co., Inc. (See Cooper, W. B., and Phoenix, assignors.)
- Bigelow-Sanford Carpet Co., Inc. (See Cowan, Arthur S., assignor.)
- Bigelow-Sanford Carpet Co. (See Coyle, Joseph A., assignor.)
- Bigelow-Sanford Carpet Co. (See Darienzo, Anthony, assignor.)
- Bigelow-Sanford Carpet Co. (See Darienzo, Frank, assignor.)
- Bigelow-Sanford Carpet Co. (See Grennor, Frank V., assignor.)
- Bigelow-Sanford Carpet Co. (See Holland, Thomas J., assignor.)
- Bigelow-Sanford Carpet Co. Inc. (See Hopkins, Giles E., assignor.)
- Bigelow-Sanford Carpet Co. (See Knowland, Richard G., assignor.)
- Bigelow-Sanford Carpet Co. (See La Couture, Henry C., assignor.)
- Bigelow-Sanford Carpet Co. (See Lehner, Charles, assignor.)
- Bigelow-Sanford Carpet Co. (See McCabe, William F., assignor.)
- Bigelow-Sanford Carpet Co. (See Murphy, Francis, assignor.)
- Bigelow-Sanford Carpet Co. (See Petersen, Elliott I., assignor.)
- Bigelow-Sanford Carpet Co. (See St. Jean, P. J., and Grennor.)
- Bigelow-Sanford Carpet Co. (See Shaw, J. F., Donnelly, Smart and Johnston, assignors.)
- Bigelow-Sanford Carpet Co. (See Smidlein, Anthony E., assignor.)
- Bigelow-Sanford Carpet Co. (See Spring, William A., assignor.)
- Bigelow-Sanford Carpet Co. (See Strack, Eric W., assignor.)
- Bigelow-Sanford Carpet Co. (See Szczerba, John, assignor.)
- Bigelow-Sanford Carpet Co. (See Travis, John S., assignor.)
- Bigelow-Sanford Carpet Co. (See Vetter, Ignatius J., assignor.)
- Bigze, Henry C., Bethlehem, Pa., assignor to Bethlehem Steel Company. Preparation of alloy steels. 1,915,400; June 27.
- Bigger, Andrew F., assignor to Rubber Process Corporation, New York, N. Y. Composition of matter. 1,896,659; Feb. 7.
- Bigger, Andrew F., New York, N. Y., and A. C. Squires, Newark, N. J., assignors to Rubber Process Corporation, New York, N. Y. Treatment of rubber. 1,896,660; Feb. 7.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Universal coupling. 1,908,307; May 9.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Shearing apparatus. 1,918,318; July 18.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Flying shear. 1,918,319; July 18.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Machine for pressing slabs for rolling. 1,932,504; Oct. 31.
- Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Flying shears. 1,932,505; Oct. 31.
- Biggert, Florence C., Jr., Crafton, and J. A. Smitmans, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Control system. 1,894,815; Jan. 17.
- Biggert, Florence C., Jr., Crafton, and L. Johnson, Ingram, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Rolling mill. 1,905,129; Apr. 26.
- Biggert, Florence C., Jr., Crafton, and R. H. Ellis, Pittsburgh, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Control system. 1,939,588; Dec. 12.
- Biggins, Leo F., Adrian, Mich. Method and apparatus for incubating and hatching eggs. 1,918,585; July 18.
- Biggs, Bertha R., Los Angeles, Calif. Washing machine and the like. 1,932,097; Oct. 24.
- Biggs Boiler Works Company, The. (See Barder, Byron R., assignor.)
- Biggs, George A., assignor to The James Leffel & Company, Springfield, Ohio. Hydraulic turbine. 1,897,834; Feb. 14.

- Biggs, George A., assignor to The James Leffel & Company, Springfield, Ohio. Generator for hydraulic turbines. 1,913,582; June 13.
- Biggs, George A., assignor to The James Leffel & Company, Springfield, Ohio. Hydraulic turbine. 1,931,158; Oct. 17.
- Biggs, John L., Chicago, Ill., assignor to Queen Anne Candy Company, Hammond, Ind. Confection machine. 1,902,755; Mar. 21.
- Biggs, John L., Chicago, Ill., assignor to Queen Anne Candy Company, Hammond, Ind. Shell and meat separator. 1,935,385; Nov. 14.
- Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Flash lamp. 1,915,591; June 27.
- Biggs, William E., Knoxville, Tenn. Underfeed stoker. 1,904,716; Apr. 18.
- Biggs, William P., Washington, D. C. Breathing apparatus. 1,926,027; Sept. 12.
- Bignami, Giovanni, Milan, Italy. Apparatus for skinning animals. 1,910,787; May 23.
- Bigney, S. O., & Company. (See Bigney, Sidney O., assignor.)
- Bigney, Sidney O., assignor to S. O. Bigney & Company, Attleboro, Mass. Bracelet. 1,916,821; July 4.
- Bigney, Sidney O., assignor to S. O. Bigney & Company, Attleboro, Mass. Bracelet. 1,938,206; Dec. 5.
- Big Rock Ranch Company. (See Harris, Ford W., assignor.)
- Big Rock Ranch Company. (See Jacobs, Walter T., assignor.)
- Big Rock Ranch Company. (See Seise, William H., assignor.)
- Bigsby, Carl M., Compton, Calif. Method of and apparatus for treating stereotype matrices. 1,931,749; Oct. 24.
- Bihet, Oscar, Flemalle Haute, Belgium. Tight joint for pipings. 1,924,020; Aug. 22.
- Bihl, William E., and A. Ramclaw, Chicago, Ill., assignors, by mesne assignments, to Zerozone, Incorporated. Flooded cooling unit. 1,912,753; June 6.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,894,658; Jan. 17.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,894,659; Jan. 17.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation and apparatus. 1,903,499; Apr. 11.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Chassis lubricating installation and the flow control elements thereof. 1,905,335; Apr. 25.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,912,359; June 6.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,913,366; June 13.
- Bijur, Joseph, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubrication. 1,916,251; July 4.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,927,914; Sept. 26.
- Bijur, Joseph, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubricant distributing system. 1,929,404; Oct. 10.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 1,930,465; Oct. 17.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Bearing lubrication. 1,932,393; Oct. 31.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,933,582; Nov. 7.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 1,937,507; Dec. 5.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Chassis lubrication. 1,939,653; Dec. 19.
- Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Chassis lubrication. 1,939,654; Dec. 19.
- Bijur, Joseph, New York, N. Y., assignor, by mesne assignments, to Auto Research Corporation. Lubrication method and installation and the element thereof. 1,940,784; Dec. 26.
- Bikoff, Morris. (See Buttcaz, Eugene, assignor.)
- Bilde, Tord E. D. (See Engberg, A. O., and Bilde.)
- Bilde, Tord E. D. (See Nylander, K. A., and Bilde.)
- Bilde, Tord E. D., Stockholm, Sweden, assignor to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Brush member. 1,892,926; Jan. 3.
- Bilde, Tord E. D., Stockholm, Sweden, assignor to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Floor polisher. 1,920,624; Aug. 1.
- Bilde, Tord E. D., assignor to Aktiebolaget Filtrum, Stockholm, Sweden. Water softening apparatus. 1,929,405; Oct. 10.
- Bilde, Tord E. D., Stockholm, and S. E. Lindvall, Nockeby, Sweden. Pocket lighter. 1,937,080; Nov. 28.
- Bildstein, Alfred G., Brooklyn, assignor to American Arch Company, New York, N. Y. Furnace having sectionally supported side walls. 1,937,623; Dec. 5.
- Bilgram Machine Works, Incorporated, The. (See Uhlmann, R. M., and Maywhort, assignors.)
- Bill, George W. (See Smith, A. E., and Bill.)
- Billar, George W., mental incompetent; by H. S. Billar, Bailey, Colo., conservatrix. Hose coupling. 1,911,423; May 30.
- Billar, David J., assignor to Day-Brite Reflector Company, St. Louis, Mo. Light support. 1,930,081; Oct. 10.
- Billar, Harriett S., conservatrix. (See Billar, George W.)
- Billgren, Otto E., Jersey City, N. J. Pipe stand and cleaner. 1,894,080; Jan. 10.
- Billiar, Irvin A., Burnham, Pa. Open hearth furnace. 1,905,677; Apr. 25.
- Billig, Fred W. (See Scofield, T. J., Johnson, and Billig.)
- Billings, Francis E., New York, N. Y. Combined radio-cabinet and radio receiving set. Des. 90,867; Oct. 17.
- Billings, Frederic C., assignor to The Billings & Spencer Company, Hartford, Conn. Drop hammer. 1,910,314; May 23.
- Billings, Howard J., South Acton, assignor to A. D. Little, Incorporated, Cambridge, Mass. Moldable material. 1,937,680; Dec. 5.
- Billings & Spencer Company, The. (See Billings, Frederic C., assignor.)
- Billings & Spencer Company, The. (See Flynn, Michael H., assignor.)
- Billings & Spencer Company, The. (See Moore, Walter R., assignor.)
- Billings & Spencer Company, The. (See Stuart, Willard S., assignor.)
- Billings, Stanley P., Pittsfield, Mass., assignor to General Electric Company. Salvaging and resintering cemented carbides. 1,895,364; Jan. 24.
- Billingsley, Percy L., Orlando, Fla. Saw setting device. 1,937,261; Nov. 28.
- Billman, Norma, Sheboygan, Wis. Casket spray receptacle. 1,909,999; May 23.
- Billner, Karl P., assignor to The Aerocrete Corporation of America, New York, N. Y. Concrete arch bridge. 1,893,491; Jan. 10.
- Billstein, Albert K., assignor to The First Textile Corporation, New York, N. Y. Textile trimming material. 1,930,121; Oct. 10.
- Biltmore Conservation Corporation. (See Moreton, Henry H., assignor.)
- Bimonte, Michael. (See Doty, C. E., and Bimonte.)
- Binay, Robert H. M. L., Paris, assignor to Office General des Specialites Automobiles, la Garenne-Colombes, Seine, France. Repairing element for vulcanizers. 1,898,235; Feb. 21.
- Bincer, Hans. (See Wendt, B., and Bincer.)
- Bincer, Hans. (See Wendt, B., Bincer, and Fröhlich.)
- Binckley, George S., Los Angeles, Calif. Capillary pen. 1,917,572; July 11.
- Binder, Charles F., Atlanta, Ga. Battery post terminal extension. 1,910,788; May 23.
- Binder, George A., assignor to R. Malcom, Chicago, Ill. Goggles. 1,905,130; Apr. 25.
- Bindschedler, Theodore S., assignor to Burroughs Adding Machine Company, Detroit, Mich. Electric switch. 1,908,881; May 16.
- Bingel, Jakob. (See Simon, H., and Bingel.)
- Bingesser, Carl. (See Wolf, John M., assignor.)
- Bingham, George C., Maldon, England. Machine for plucking and stubbing birds. 1,923,415; Aug. 22.
- Bingham, Jeremiah, assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Lever. 1,929,473; Oct. 10.
- Bingham, Randolph V., Portland, Oreg. Method of and apparatus for blending pulp. 1,939,101; Dec. 12.
- Bingham's, Sam'l, Son Mfg. Co. (See Linder, O., Whitehouse, and Willson, assignors.)
- Bingham's, Sam'l, Son Mfg. Co. (See Linder, O., and Willson, assignors.)
- Bingham Stamping & Tool Company. (See Bingham, Jeremiah, assignor.)
- Binghamton Foundry & Machine Co. (See Holford, Harry E., assignor.)
- Biniek, Georg, Berlin, assignor to Telephon-Apparat Fabrik E. Zweitusch and Company, Charlottenburg, Berlin, Germany. Pay station apparatus. 1,902,210; Mar. 21.
- Biniek, Georg, H. Langner, and H. Döhle, assignors to Telephon-Apparat Fabrik E. Zweitusch and Company, Charlottenburg, Berlin, Germany. Coin collector. 1,908,948; May 16.
- Binks, Harry D., Oak Park, Ill. Faucet. Des. 90,305; July 18.
- Binks, Herbert K., Nairobi, Kenya Colony, Africa. Supporting surface for aircraft. 1,930,380; Oct. 10.
- Binks Manufacturing Co. (See Bramsen, Svend, assignor.)
- Binks Manufacturing Company. (See Bramsen, S., and Sausen, assignors.)
- Binks Manufacturing Company. (See Bramsen, S., and Wahlen, assignors.)
- Binks Manufacturing Company. (See Long, R., and Gustafsson, assignors.)
- Binks Manufacturing Company. (See Wahlen, Fritz, assignor.)
- Binney Castings Company, The. (See Binney, Ralph L., assignor.)
- Binney, Eric A. (See Sepin, L. C., and Binney.)
- Binney, Ralph L., assignor to The Binney Castings Company, Toledo, Ohio. Ferrous alloy. 1,914,102; June 13.
- Binney & Smith Company. (See Wiegand, William E., assignor.)
- Binns, Emmet H., Columbus, Ohio. Fishing lure. 1,910,742; May 23.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,919,143; July 18.

- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,924,593; Aug. 29.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,932,952; Oct. 31.
- Binz, Arthur, Berlin, and C. R  th, Rangdorf, Germany. Heterocyclic arseno-compounds and purifying same. 1,902,756; Mar. 21.
- Biological Engineering Laboratories. (See Lorenz, A. J., and Hartman, assignors.)
- Birbeck, Francis V., Aromas, Calif. Crate. 1,903,560; Apr. 11.
- Birchall, Tom, Manchester, and E. H. Rodd, Timperley, England, assignors to Imperial Chemical Industries Limited. Manufacture of amidines. 1,933,206; Oct. 31.
- Birchy, Charles, and O. R. Birchy, assignors of one-half to Samuel D. Hewlett, Atlanta, Ga. Sounding absorbing material and process for making same. 1,914,592; June 20.
- Birchy, Oswald R. (See Birchy, Charles and O. R.)
- Bird, Burney B., Los Angeles, Calif. Station selector mechanism. 1,925,651; Sept. 5.
- Bird, Byron M., Columbus, Ohio. Separating coal and other minerals. 1,897,545; Feb. 14.
- Bird, Charles B., Chicago, Ill. Notebook. 1,931,641; Oct. 24.
- Bird, Clarence G. (See Archer, H. G., and Bird.)
- Bird, F. M., et al. (See Grayson, Ralph V., assignor.)
- Bird, Fred A., Kansas City, Mo. Extensible stage. 1,917,010; July 4.
- Bird, Fred A., Kansas City, Mo. Telescoping stage. 1,917,011; July 4.
- Bird, G. Curtis. (See Pepin, Joseph N., assignor.)
- Bird, George, St. Margarets, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic train control apparatus. 1,939,840; Dec. 19.
- Bird, George H., Brooklyn, N. Y. Spool. 1,919,270; July 25.
- Bird, George H., Brooklyn, N. Y. Spool. 1,925,042; Aug. 29.
- Bird, Harry R., Taft, Calif. Tire cover. 1,920,167; Aug. 1.
- Bird, John C., assignor to Union Steam Pump Company, Battle Creek, Mich. Pump. 1,909,517; May 16.
- Bird, John C., Elizabeth, N. J., assignor to Standard Oil Development Company. Resinous material from petroleum sludge. 1,917,869; July 11.
- Bird Lester E. (See Anderson, W. T., Jr., and Bird.)
- Bird, Peter E., London, England. Collapsible table, stand, box, or the like. 1,921,801; Aug. 8.
- Bird & Son, Inc. (See Levis, Robert B., assignor.)
- Bird & Son, Inc. (See Lines, Edwin M., assignor.)
- Bird, William, Buffalo, N. Y., and G. M. Ball, Los Angeles, Calif., assignors to Irving Air Chute Company, Inc., Buffalo, N. Y. Form-fitting parachute pack. 1,899,661; Feb. 28.
- Bird, William H., Wanganui, New Zealand. Antislipping projection for boots and shoes. 1,922,924; Aug. 15.
- Birdleough, Otis T., Yakima, Wash. Flask for dental molds. 1,922,875; Aug. 15.
- Birdsall, Ida E., Bloomfield, N. J. Correspondence puzzle. 1,907,382; May 2.
- Birdsboro Steel Foundry & Machine Company. (See Lausucq, Henri P. L., assignor.)
- Birdsboro Steel Foundry & Machine Company. (See Martin, Mark H., assignor.)
- Birdsboro Steel Foundry and Machine Company. (See Peterson, Edward T., assignor.)
- Birdsboro Steel Foundry and Machine Company. (See Pfeil, Walter H., assignor.)
- Birdsey, Charles R., Oak Park, assignor to The United States Gypsum Company, Chicago, Ill. Ceiling construction. 1,902,835; Mar. 28.
- Birdsey, Charles R., Oak Park, and H. W. Reel, Hinsdale, assignors to United States Gypsum Company, Chicago, Ill. Ceiling construction. 1,902,796; Mar. 21.
- Birdsey, Charles R., Hinsdale, assignor to United States Gypsum Company, Chicago, Ill. Method of and apparatus for calcining gypsum. 1,907,717; May 9.
- Birdsey, Charles R., Hinsdale, assignor to United States Gypsum Company, Chicago, Ill. Crate for sheet materials. 1,920,837; Aug. 1.
- Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Frosted Foods Company, Inc., Dover, Del. Fish scaling device. 1,901,625; Mar. 14.
- Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Frosted Foods Company, Inc., Dover, Del. Edible meal and preparing the same. 1,916,915; July 4.
- Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Frosted Foods Company, Inc., Dover, Del. Consumer package of meat products. 1,924,903; Aug. 29.
- Birdseye, Clarence, and B. Hall, Gloucester, Mass., assignors to Frosted Foods Company, Inc., Dover, Del. Refrigerating apparatus. 1,905,131; Apr. 25.
- Birgbauer, Conrad F., Detroit, Mich., assignor to Cemented Tungsten Tool Company. Cutting device. 1,897,546; Feb. 14.
- Birgo, Stanley J., St. Louis, Mo., assignor to Seymour Manufacturing Company, Seymour, Ind. Scythe snath. 1,929,964; Oct. 10.
- Biringer, Joseph F., Toledo, Ohio. Turf edger. 1,916,749; July 4.
- Birk, Marjorie A., New York, N. Y. Device for treating the eyelashes. 1,897,719; Feb. 14.
- Birk, Marjorie A., New York, N. Y. Device for simulating natural eyelashes. 1,897,747; Feb. 14.
- Birkbeyer, Paul J., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Conveyor system. 1,934,617; Nov. 7.
- Birkenbeuel, Edward B., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Hopper for stokers. 1,908,882; May 16.
- Birkenbeuel, Julia H., administratrix. (See Casswell, Richard H., assignor.)
- Birkenmaier, Theodore. (See Matthews, C. L., and Birkenmaier.)
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Guy guard. 1,893,981; Jan. 10.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Guy guard. 1,901,220; Mar. 14.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 1,935,386; Nov. 14.
- Birkenstein, George. (See Svendsen, Svend S., assignor.)
- Birkhimer, Edwin R., assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 1,904,402; Apr. 18.
- Birkhimer, Edwin R., assignor to The Atlantic Refining Company, Philadelphia, Pa. Extraction of hydrocarbon oils. 1,910,422; May 23.
- Birkholz, Hans E., Chicago, Ill., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Filtering material. 1,893,048; Jan. 3.
- Birkholz, Hans E., Chicago, Ill., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Renewable filter. 1,899,007; Feb. 28.
- Birkholz, Hans E., Chicago, Ill., assignor, by mesne assignments, to American Air Filter Company, Inc. Air filter. 1,926,933; Sept. 12.
- Birkigt, Marc, Bois-Colombes, France. Piston rod assembly. 1,927,768; Sept. 19.
- Birkigt, Marc, Bois-Colombes, France. Valve control system. 1,927,769; Sept. 19.
- Birkigt, Marc, Bois-Colombes, France. Crank case lubricating system. 1,927,770; Sept. 19.
- Birkigt, Marc, Bois-Colombes, France. Piston and cylinder assembly. 1,938,566; Dec. 12.
- Birmann, Rudolph, Trenton, N. J. Turbo compressor. 1,926,225; Sept. 12.
- Birmingham Aluminum Casting (1903) Company Limited, The. (See Pritchard, Percy, assignor.)
- Birmingham Electric Furnace Limited. (See Lobley, Alfred G., assignor.)
- Birner, Joseph, Baltimore, Md. Combined necktie and holder. 1,909,650; May 16.
- Birnn, Charles E., New York, N. Y. Picture stand. 1,914,068; June 13.
- Biron, Wilhelm, Frankfurt-on-the-Main-Hochst, Germany. Doorlock for street cars, motor busses, and ships. 1,934,584; Nov. 7.
- Birr, Rudolph G., and A. C. Grunwald, Chicago, Ill., assignors to Steiner Sales Company, Salt Lake City, Utah. Feed stop for towel cabinets. 1,922,837; Aug. 15.
- Birrell, Margaret F., executrix. (See Birrell, William.)
- Birrell, William, deceased, Santa Barbara, Calif.; Margaret F. Birrell, executrix. Water motor for sprinklers. 1,921,020; Aug. 8.
- Birt, Jesse F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Vestibule car door. 1,917,871; July 11.
- Birch, Fred W., Lexington, Mich., assignor of one-half to Harry A. Shaw. Thermostatically controlled heater. 1,898,419; Feb. 21.
- Birtles, Arthur B., Louisville, Ky. Line sawing machine. 1,925,090; Sept. 5.
- Birtles, Arthur B., assignor to Wood-Mosaic Co., Louisville, Ky. Parquet flooring. 1,922,468; Aug. 15.
- Birtman Electric Company. (See Iannelli, Alfonso, assignor.)
- Birtman Electric Company. (See Rankin, William A., assignor.)
- Birtwisle, William, Hartford, Northwich, England. Motor vehicle lamp. 1,895,748; Jan. 31.
- Bisaillon, Hector E., and W. J. Hamel, Fall River, Mass. Game. 1,935,174; Nov. 14.
- Bisbee, Frederick C. (See Green, I. W., and Bisbee.)
- Bisch, Alvin, Chicago, Ill. Aviator training or amusement device. 1,906,443; May 2.
- Bisch, Alvin, assignor of one-half to Ralph Rocco, Chicago, Ill. Device to train aviators or for amusement purposes. 1,912,174; May 30.
- Bischof, Paul, New York, N. Y. Mechanical clutch. 1,911,789; May 30.
- Bischoff, Ludwig, Brooklyn, N. Y. Receptacle. 1,916,854; July 4.
- Bischoff, Werner, assignor to Firm Carl Zeiss, Jena, Germany. Receiving device for light signals. 1,911,986; May 30.
- Bishop, Alois S., Kohler, Wis. Basket ball game. 1,903,254; Mar. 28.
- Bishop & Babcock Manufacturing Company, The. (See Muller, Frederick W., assignor.)
- Bishop, Benjamin S. T., Shrewsbury, and E. J. Hirvonen, Worcester, Mass., assignors to Leland-Gifford Company. Control for hydraulic feeding mechanism. 1,905,132; Apr. 25.

- Bishop, Benjamin S. T., Shrewsbury, and E. J. Hirvonen, Worcester, Mass., assignors to Leland-Gifford Company. Hydraulic feed for machinery. 1,905,133; Apr. 25.
- Bishop, Francis W., Rochester, N. Y., assignor to Waite & Bartlett X-Ray Manufacturing Company, Cleveland, Ohio. X-Ray apparatus. 1,921,499; Aug. 8.
- Bishop, Frank J., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Emergency lock. 1,906,517; May 2.
- Bishop, George D., assignor to Crown Paper Company, Sanford, Fla. Fruit guard. 1,895,308; Jan. 24.
- Bishop, George D., assignor to Crown Paper Company, Sanford, Fla. Fruit guard. 1,906,518; May 2.
- Bishop, George S., Poland, Ohio. Sign. Des. 89,867; May 16.
- Bishop, Howard B. (See Lanry, Napoleon A., assignor.)
- Bishop, John A., Lewiston, Idaho. Fire hose attachment. 1,925,431; Sept. 5.
- Bishop, John B. (See Bair, R. S., and Bishop.)
- Bishop, Leon C., Binghamton, and S. E. Swick, assignors to International Time Recording Company of New York. Endicott, N. Y. Card rack. 1,902,156; Mar. 21.
- Bishop, Peter S., Pasadena, Calif. Violin holder. 1,895,749; Jan. 31.
- Bishop, Reginald, London, England. Gearing for steering mechanically propelled vehicles and for other purposes. 1,899,663; Feb. 28.
- Bishop, Storrs M., assignor to Peckham, Wolf & Co., Schenectady, N. Y. Folding chair and cot. 1,928,991; Oct. 3.
- Bishop, Walter D., assignor of one-third to H. Brown, Kansas City, Kans. Safety razor blade sharpener. 1,937,307; Nov. 28.
- Bishop, William H., and T. P. Colledge, Birmingham, England. Body for motor vehicles. 1,928,003; Sept. 26.
- Bishop & Babcock Mfg. Company, The. (See McGoldrick, William J., assignor.)
- Bisler, G. A., Incorporated. (See Myers, Joseph D., assignor.)
- Bisschop, Elco, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Squirrel-cage rotor. 1,924,103; Aug. 29.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Resynchronizing system for series of motors. 1,929,378; Oct. 8.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Resynchronizing system for controllers. 1,929,379; Oct. 8.
- Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Synchronizing system for a series of motors. 1,934,786; Nov. 14.
- Bissell Carpet Sweeper Co. (See Pullen, Fred W., assignor.)
- Bissell, Marion H., Chicago, Ill. Cleaning apparatus. 1,904,818; Apr. 18.
- Bissell, Percy R. (See Austin, D. E., Bissell, and Crutchfield.)
- Bissell, Percy R. (See Hedrich, Richard, assignor.)
- Bissell, Wayne W., New Castle, Pa. Container. 1,921,962; Aug. 8.
- Bissell, Wayne W., New Castle, Pa. Ink bottle. 1,925,476; Sept. 5.
- Bisson, Henry A., Berlin, N. H. Towel cabinet. 1,935,830; Nov. 21.
- Biszantz, Fred, assignor to The Central Ohio Steel Products Company, Galion, Ohio. Burial vault. Des. 89,739; May 2.
- Biszantz, Fred, assignor to The Central Ohio Steel Products Company, Galion, Ohio. Invertible manifold and valve for hydraulic hoists. 1,893,124; Jan. 3.
- Biszantz, Fred, assignor to The Central Ohio Steel Products Co., Galion, Ohio. Reversible pump for hydraulic hoists. 1,893,125; Jan. 3.
- Bitner, Walter. (See Spanel, A. N., Weston, and Bitner.)
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Structural unit end assembly. 1,896,279; Feb. 7.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Structural unit. 1,900,327; Mar. 7.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Reinforce chair. 1,903,356; Apr. 4.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Combined reinforce support and tie element. 1,908,105; May 9.
- Bittinger, Charles. (See Hulbert, E. O., and Bittinger.)
- Bittman, Jesse C. (See McIlvried, E. J., and Bittman.)
- Bitzenburger, Frank C., Los Angeles, Calif. Seat back support. 1,926,259; Sept. 12.
- Bitzer, Gottlob, assignor to Textile Machine Works, Wyomissing, Pa. Carrier rod control for split seam fabric. 1,938,207; Dec. 5.
- Bivens, Maurice E., Scotia, N. Y., assignor to General Electric Company. Fault responsive apparatus. 1,931,127; Oct. 17.
- Biver, Carl J., assignor to The Ken-Rad Corporation, Owensboro, Ky. Thermionic tube power converter. 1,938,208; Dec. 5.
- Biver, Carl J., assignor to The Ken-Rad Corporation, Owensboro, Ky. Thermionic tube power converter. 1,938,210; Dec. 5.
- Biver, Carl J., assignor to The Ken-Rad Corporation, Owensboro, Ky. Thermionic vapor tube. 1,938,211; Dec. 5.
- Biver, Carl J., and G. W. Bain, assignors to The Ken-Rad Corporation, Owensboro, Ky. Thermionic tube power converter. 1,938,209; Dec. 5.
- Biver, Carl J., and G. W. Bain, assignors to The Ken-Rad Corporation, Owensboro, Ky. Thermionic tube power converter. 1,938,212; Dec. 5.
- Bixby, Edward C., Salina, N. Y. Candle making machine. 1,906,444; May 2.
- Bixby, Herbert H., Sunderland, Mass. Foldable display stand. 1,929,768; Oct. 10.
- Bixby, John L., Arlington, assignor to Ke-Bond Company, Incorporated, Boston, Mass. Mold and bonding means. 1,905,184; Apr. 25.
- Bixby, John L., Arlington, assignor to Ke-Bond Company, Incorporated, Boston, Mass. Forming corrugated sheets. 1,916,120; June 27.
- Bixby, Leo A., assignor to Fuller & Sons Manufacturing Co., Kalamazoo, Mich. Clutch. 1,910,084; May 23.
- Bixby, Walter. (See Hathaway, E. F., and Bixby.)
- Bixby, Walter, Boston, Mass. Axminster loom. 1,924,904; Aug. 29.
- Bixenstein, Marvin, Los Angeles, Calif. Tent. 1,927,387; Sept. 19.
- Bixer, Edmond P., New York, N. Y. Curtain heading. 1,904,194; Apr. 18.
- Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Compressor. 1,934,482; Nov. 7.
- Bizer, A. Victor. (See Papadopoulos, Georgebays P., assignor.)
- Bizzarri, Anthony, New York, N. Y. High pressure lubricating pump. 1,915,512; June 27.
- Bizzarri, Anthony, New York, N. Y. Device for forming noodles, spaghetti, and the like. 1,916,411; July 4.
- Bizzarri, Anthony, New York, N. Y. Hydraulic pump. 1,932,921; Oct. 31.
- Bizzarri, Anthony, New York, N. Y. Grease ejecting system. 1,936,104; Nov. 21.
- Bizzarri, Anthony, New York, N. Y. Pneumatically operated switch. 1,936,821; Nov. 28.
- Bizzarri, Anthony, New York, N. Y. Hydraulic grease-dispensing device. 1,938,005; Dec. 5.
- Bizzoni, Humber, New York, and P. Lent, Brooklyn, N. Y. Removing scale incrustations, oil, and the like in water receptacles. 1,917,489; July 11.
- Bjering, Helge, Buenos Aires, Argentina. Carburetor. 1,903,433; Apr. 11.
- Bjerggaard, James A., Forest Hills, assignor to Doherty Research Company, New York, N. Y. Liquid storage reservoir. 1,909,484; May 16.
- Bjorklund, Henry L., Minneapolis, Minn. Hair collecting device. 1,902,211; Mar. 21.
- Bjorklund, William A., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Heating coil. 1,934,787; Nov. 14.
- Bjorkman, George E., Djursholm, Sweden. Hair winding mechanism. 1,901,480; Mar. 14.
- Bjorkman, George E., Djursholm, Sweden, and J. Geloso, New York, N. Y. Hair curler. 1,901,892; Mar. 21.
- Bjorkman, Per O., Tainionkoski, and L. Ivanoff, Abo, assignors to Finska Elektrokemiska Aktiebolaget, Helsingfors, Finland. Treating chlorates for blasting purposes. 1,899,076; Feb. 28.
- Bjorkstedt, William. (See Lowe, R. E., Brown, and Bjorkstedt.)
- Björnsen, Björn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,914,103; June 13.
- Björnsen, Björn G., Wyoming, N. J., and S. Doba, jr., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control system. 1,936,658; Nov. 28.
- Björnsson, Carl A. (See Clark, C. P., and Björnsson.)
- Bjorson, Carl J., D. W. Siebert, and A. A. Greenwood, assignors to O. W. Siebert Company, Gardner, Mass. Child's carriage. 1,909,333; May 16.
- Bjorson, Carl J., and A. A. Greenwood, assignors to O. W. Siebert Company, Gardner, Mass. Hood supporting structure for baby carriages. 1,933,537; Nov. 7.
- Blacher, Sampson, Chicago, Ill. White leather cleaner. 1,932,262; Oct. 24.
- Black, Alexander R., and R. Clade, Detroit, Mich., assignors to American Car and Foundry Company, New York, N. Y. Valve lock. 1,894,660; Jan. 17.
- Black, Archie. (See Holaday, H. A., and Black.)
- Black, Archie, New Brunswick, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Refinement of vitamin-containing unsaponifiable matter of oils. 1,935,042; Nov. 14.
- Black Clawson Company. (See Andrews, Henry J., assignor.)
- Black-Clawson Company. (See Crawford, Cliff R., assignor.)
- Black, Crayton K. (See Hitch, E. F., and Black, assignors.)
- Black and Decker Manufacturing Company, The. (See Baker, James N., assignor.)
- Black and Decker Manufacturing Company, The. (See Decker, Alonzo G., assignor.)
- Black & Decker Manufacturing Company, The. (See Fleming, J. B., and Preston, assignors.)
- Black & Decker Manufacturing Company, The. (See Preston, Henry C., assignor.)
- Black & Decker Manufacturing Company, The. (See Schouten, Frank, assignor.)
- Black & Decker Manufacturing Company, The. (See Tschudi, Erwin W., assignor.)

- Black, Edward R., assignor to Black Systems, Inc., Chicago, Ill. Building covering. 1,903,023; Mar. 28.
- Black, Edward R., assignor to Black Systems Inc., Chicago, Ill. Building covering. 1,940,936; Dec. 26.
- Black, Edward S., assignor to Pettibone Mulliken Company, Chicago, Ill. Dipper. 1,908,883; May 16.
- Black, Edward S., Chicago, Ill., assignor to Pettibone Mulliken Company. Dipper construction. 1,914,104; June 13.
- Black, Frank O., Pomona, Calif. Mail-box signal. 1,925,227; Sept. 5.
- Black, Frank O., Pomona, and W. A. Lucas, San Diego, Calif. Mail box signal. 1,929,965; Oct. 10.
- Black, George E., Sewickley, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Shipping drum. 1,937,806; Dec. 5.
- Black, Harold S., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 1,920,238; Aug. 1.
- Black, Harry L., Toronto, Ontario, Canada. Electrical selector. 1,938,213; Dec. 5.
- Black, Herman, W. Holmes, and M. A. Hesse, assignors to Evening American Publishing Company, Chicago, Ill. Apparatus for coloring paper. 1,905,889; Apr. 25.
- Black, Horace D., Uxbridge, assignor to Bell Punch Company, Ltd., London, England. Inking device. 1,900,092; Mar. 7.
- Black, Horace D., assignor to Bell Punch Company Limited, Uxbridge, England. Mechanism for feeding paper and like webs. 1,923,609; Aug. 22.
- Black, John C., Beverly Hills, Calif. Processing viscous hydrocarbon oils. 1,935,693; Nov. 21.
- Black, John C., Wilmington, Calif., assignor to Gasoline Products Company, Inc., Jersey City, N. J. Cracking oil. Re18,896; July 18.
- Black, John C., Destrehan, La., assignor to Gasoline Products Company, Inc., Wilmington, Del. Process and apparatus for cracking and separating gasoline stock from petroleum oils. 1,896,345; Feb. 7.
- Black, John C., Destrehan, La., assignor, by mesne assignments, to Gasoline-Products Company, Inc., Wilmington, Del. Apparatus for treating hydrocarbons. 1,908,106; May 9.
- Black, John C., Los Angeles, Calif., assignor to Gasoline Products Company, Inc., Wilmington, Del. Treating hydrocarbon oils. 1,912,882; June 6.
- Black, John C., Los Angeles, and M. L. Chappell, Wilmington, Calif. Processing oils. 1,915,592; June 27.
- Black, John C., and G. F. Matthews, Los Angeles, Calif. Advertising and display sign. 1,932,441; Oct. 31.
- Black, John E. (See Jacobus, D. S., and Black.)
- Black, John E. (See Kerr, H. J., and Black.)
- Black, John E., Rumson, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat transfer device. 1,892,778; Jan. 3.
- Black, John E., Rumson, N. J., assignor, by mesne assignments, to Fuller Lehigh Company. Steam boiler. 1,920,740; Aug. 1.
- Black, John S., Jasper, Ala. Revolving mail box post. 1,893,392; Jan. 3.
- Black, Julia, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 90,470; Aug. 15.
- Black, Julia, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 90,565; Aug. 29.
- Black, Lee J. (See Mecom, H., and Black.)
- Black, Lee J., Beaumont, Tex. Quick detachable pitman. 1,893,485; Jan. 10.
- Black, Lee J., Beaumont, Tex. Shock absorber for rotatable elements. 1,893,486; Jan. 10.
- Black, Lee J., Beaumont, Tex. Bottom hole choke for oil wells. 1,893,487; Jan. 10.
- Black, Lee J., Beaumont, Tex. Pump operating mechanism. 1,897,108; Feb. 14.
- Black, Lee J., Beaumont, Tex. Blow-out preventing attachment for casing heads. 1,899,922; Mar. 7.
- Black, Lee J., Beaumont, Tex. Self-aligning polish rod stuffing box. 1,911,670; May 30.
- Black, Lee J., Beaumont, Tex. Well apparatus. 1,932,570; Oct. 31.
- Black, Lee J., Beaumont, Tex. Draw works for rotary drilling machine. 1,932,684; Oct. 31.
- Black, Lee J., Beaumont, Tex. Brake applying means. 1,932,685; Oct. 31.
- Black, Lester C., Los Angeles, Calif. Earth boring drill. 1,937,867; Dec. 5.
- Black, Nolan S., Detroit, assignor of one-half to W. V. Casgrain, Grosse Pointe Farms, Mich. Storage building. 1,931,402; Oct. 17.
- Black, Nolan S., Detroit, and W. V. Casgrain, Grosse Pointe Farms, Mich. Motor vehicle parking and storage system. 1,915,973; June 27.
- Black, Paul T., Dormont, Pa. Grating structure. 1,917,573; July 11.
- Black Products Company. (See Lorimer, George W., assignor.)
- Black, Ray L., Orcutt, Calif. Ornamental accessory for automobiles. 1,916,750; July 4.
- Black, Russell, assignor to Commercial Patents Development Company, Huntington, W. Va. Ejector. 1,901,797; Mar. 14.
- Black, S. Duncan, et al., executors. (See Brogan, Graham W.)
- Black Systems, Inc. (See Black, Edward R., assignor.)
- Black, William F., La Rochelle, France, assignor to V. D. Limited, London, England. Device adapted to be mounted at the ends of net wings. 1,913,425; June 13.
- Black, William H., New York, N. Y. Safety razor. 1,938,481; Dec. 5.
- Blackburn, Arthur. (See Nagel, Hugo, assignor.)
- Blackburn, Charles L., Westminster, London, assignor to Electrical Improvements Limited, Newcastle-on-Tyne, England. Liquid level indicating arrangements. 1,915,178; June 20.
- Blackburn, Jasper, Webster Groves, Mo. Guy strand guard and lock. 1,902,945; Mar. 28.
- Blackburn, Jasper, Webster Groves, Mo. Guard rail fitting. 1,909,382; May 16.
- Blackburn, Jasper, Webster Groves, and H. W. Heller, St. Louis, Mo.; said Heller assignor to said Blackburn. Guy wire guard. 1,923,858; Aug. 22.
- Blackburn, Reginald. (See Pocock, L. C., Blackburn, and Turton.)
- Blackhall, John R. (See Pardee, Harvey S., assignor.)
- Blackhall, John R.; Joliet, Ill. Truck. 1,895,368; Jan. 24.
- Blackhall, John R., Highland Park, and H. S. Pardee, Ravinia, Ill.; said Pardee assignor to said Blackhall. Railway car. 1,915,149; June 20.
- Blackhawk Manufacturing Company. (See Pfauter, Edward M., assignor.)
- Blackley, Frederick W., East Orange, N. J. Supporting device for knives and the like. 1,894,974; Jan. 24.
- Blackman, Albert E., Mount Vernon, N. Y. Panel box. 1,937,681; Dec. 5.
- Blackman, Albert Edgar, Mount Vernon, N. Y. Medicine cabinet. 1,941,126; Dec. 26.
- Blackman, Albert E., Mount Vernon, N. Y. Radiator cover. 1,941,127; Dec. 26.
- Blackman, Earl P. and L. D., Battle Creek, Mich.; said Earl P. Blackman assignor to said Leon D. Blackman. Carrier for cable and wire reels. 1,902,611; Mar. 21.
- Blackman, Edward L., Brooklyn, N. Y. Fore and aft rigged vessel. 1,916,459; July 4.
- Blackman, Leon D. (See Blackman, Earl P. and L. D.)
- Blackmore, Charles C., assignor to The Dayton Toy & Specialty Company, Dayton, Ohio. Body for a toy wagon. Des. 90,797; Oct. 3.
- Blackmore, Charles C., assignor to The Dayton Toy & Specialty Company, Dayton, Ohio. Toy coaster wagon. 1,893,193; Jan. 3.
- Blackmore, Charles C., Dayton, Ohio. Toy vehicle. 1,923,049; Aug. 15.
- Blackmore, George W., assignor to Automatic Gas-Steam Radiator Company, Pittsburgh, Pa. Radiator. 1,935,072; Nov. 14.
- Blackmore, Lloyd, assignor to General Motors Corporation, Detroit, Mich. Axle housing and making the same. 1,903,088; Mar. 28.
- Blackmore, Lloyd, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Air filter. 1,936,659; Nov. 28.
- Blackmun, Clyde W., San Francisco, Calif. Perfume atomizer. 1,930,872; Oct. 17.
- Blackstock, Gibbs, Toronto, Ontario, Canada. Automatic friction clutch and transmission. 1,909,607; May 16.
- Blackstock, Gibbs, Toronto, Ontario, Canada. Change gear device. 1,909,608; May 16.
- Blackwelder, Lee, Rockwell, N. C. Stop signal. 1,915,179; June 20.
- Blackwell and Sunde, Inc. (See McCoy, A. G., and Sunde, assignors.)
- Blackwell & Sunde, Incorporated. (See Sunde, Benjamin W., assignor.)
- Blackwood, Oswald H., Pittsburgh, Pa., and L. F. Boss, Woods Hole, Mass., assignors to The Koppers Company of Delaware. Humidifying apparatus. 1,905,135; Apr. 25.
- Bladin, Walter C. (See Wardwell, H. F., and Bladin.)
- Blagden, John W., Essex, England. Manufacture of crystalline menthol. 1,930,411; Oct. 10.
- Blagden, John W., and W. E. Huggett, assignors of one-third to Howards & Sons, Limited, Ilford, England. Manufacture of phosphoric acid compounds of menthols. 1,932,130; Oct. 24.
- Blagden, John W., and W. E. Huggett, assignors of one-third to Howards & Sons, Limited, Ilford, England. Isolation or purification of menthols. 1,932,131; Oct. 24.
- Blaha, John and N. F., Chicago, Ill. Signaling device for vehicle tires. 1,928,614; Oct. 3.
- Blaha, Nicholas F. (See Blaha, John and N. F.)
- Blaho, John, Elmhurst, N. Y. Butter measuring device. 1,908,813; May 16.
- Blaho, Rudolph. (See Runser, F. J., and Blaho.)
- Blalick, Kenneth G., and G. O. Morrison, Shawinigan Falls, assignors to Canadian Electro Products Company, Limited, Montreal, Quebec, Canada. Ester-aldehyde gum emulsion and making same. 1,906,207; Apr. 25.
- Blair, Arthur G., et al, administrators. (See Norton, Harry R.)
- Blair, Duane A. (See Webb, J. B., and Blair.)
- Blair, Frank M., Columbus, Ohio. Apparatus for burning solid carbonizable fuels. 1,910,233; May 23.
- Blair, Grover F., Fort Wayne, Ind. Railway crossing. 1,908,677; May 16.
- Blair, James C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for producing sheet glass. 1,895,365; Jan. 24.

- Blair, James C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for reducing a sheet to thickness. 1,895,405; Jan. 24.
- Blair, James C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Surfacing sheet glass. 1,895,908; Jan. 31.
- Blair, James C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass surfacing apparatus. 1,911,221; May 30.
- Blair, James C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process of and apparatus for producing sheet glass. 1,937,380; Nov. 28.
- Blair, John T., Tulsa, Okla. Weather shield. 1,897,382; Feb. 14.
- Blair, Paul A., Washington, D. C. Regulator for braiding. 1,899,075; Feb. 28.
- Blair, Paul A., Washington, D. C. Regulator for brake rigging. 1,907,174; May 2.
- Blair, Robert S., Stamford, Conn. Radio reception apparatus. 1,938,683; Dec. 12.
- Blair, Rolandis A., Fort Wayne, Ind. Rail anchor. 1,912,357; June 6.
- Blair, Russell M. (See Jarvis, K. W., and Blair.)
- Blair, Sidney M., London, England, F. L. Melville, A. G. V. Berry, and B. G. Banks, Pointe-A-Pierre, Trinidad, British West Indies, assignors to Trinidad Leaseholds, Limited, London, England. Treatment of waste products obtained in the refining of hydrocarbon material. 1,933,410; Oct. 31.
- Blair Strip Steel Company. (See Lewis, Lester L., assignor.)
- Blair, Thomas S. (See Levitt, P. B., and Blair.)
- Blair, Wilhelm M. (See Blumberg, P., and Hough, assignors.)
- Blaisdell, Harry L. (See Burgess, A. F., Blaisdell, and Campbell.)
- Blaisdell, Sidney B., Wyncote, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Beat-up mechanism for braiding machines. 1,918,175; July 11.
- Blaisdell, Willard C. (See Blutworth, T. F., Blaisdell and Vachris.)
- Blairas, Abraham J., Brooklyn, N. Y. Ampoule. 1,905,362; Apr. 25.
- Blake, Benjamin F., deceased, Marion, by The Hoover Company, North Canton, Ohio, assignee. Suction cleaner agitator. Re18,712; Jan. 10.
- Blake, Charles C., Kittery Point, Me. Flexible connection. 1,910,880; May 23.
- Blake, David K., Scotia, N. Y., assignor to General Electric Company. Electrical distribution system. 1,893,356; Jan. 3.
- Blake, Dennis B. D. (See Willard, D. E., and Blake.)
- Blake, George A., New Bedford, Mass. Dispensing apparatus. 1,926,426; Sept. 12.
- Blake, Harry, Los Angeles, Calif. Combination cigarette case and lighter. 1,912,062; May 30.
- Blake, James F., Tulsa, Okla. Combination check and gate valve. 1,921,280; Aug. 8.
- Blake Manufacturing Corporation. (See Shannon, James L., assignor.)
- Blake, Octave, and H. Beyer, New York, assignors to Cornell Electric Manufacturing Co., Inc., Long Island City, N. Y. Fixed condenser and making the same. 1,900,093; Mar. 7.
- Blake, Octave, and H. Beyer, New York, assignors to Cornell Electric Manufacturing Co., Inc., Long Island City, N. Y. Fixed condenser. 1,920,346; Aug. 1.
- Blake, Preble W., Newton, assignor to H. P. Elliott, Watertown, Mass. Mooring buoy. 1,921,500; Aug. 8.
- Blakelock, Eden, Catskill, N. Y. Collapsible auxiliary seat. 1,914,069; June 13.
- Blakely, Sidney B., Minneapolis, Minn., assignor to Mitchell Battery Company. Collapsible luggage carrier. 1,905,890; Apr. 25.
- Blaker, Ernest, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for loosening and removing articles from molds. 1,895,909; Jan. 31.
- Blakeslee, Carl J., assignor to Walker Vehicle Co., Chicago, Ill. Wheel. 1,919,924; July 25.
- Blakeslee, Carl J., assignor to Walker Vehicle Company, Chicago, Ill. Wheel. 1,919,925; July 25.
- Blakeslee, Doraf W., Pittsburgh, Pa. Electric welding. 1,915,047; June 20.
- Blakeslee, Doraf W., Pittsburgh, Pa. Method of and apparatus for electric welding. 1,915,082; June 20.
- Blakeslee, Ford M. (See Harris, N. C., Creps, and Blakeslee.)
- Blakeslee, G. S., & Co. (See Anstiss, George P., assignor.)
- Blakeslee, Jerome K., assignor to American Steel Foundries, Chicago, Ill. Tool. 1,923,659; Aug. 22.
- Blakeslee, Samuel W., et al. (See Adams, Ervin, assignor.)
- Blakesley, George R., Noel, Mo. Automobile parking device. 1,928,305; Sept. 26.
- Blakesley, William W., Brattleboro, Vt. Control mechanism for moving-picture apparatus. 1,930,581; Oct. 17.
- Blake-Smith, L. (See Brown, W. A., and Meinzer, assignors.)
- Blake-Smith, L. (See Meinzer, Gotthold H., assignor.)
- Blanc, Alberto C., Rome, Italy. Crystallization of aluminum nitrate obtained in the treatment of leucite and similar silicates. 1,940,842; Dec. 26.
- Blanc, Francis E., Park City, Utah. Cutting tool. 1,892,863; Jan. 3.
- Blanchard, Alva G., Shreveport, La. Gas burner. 1,935,346; Nov. 14.
- Blanchard, Benjamin B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,938,575; Dec. 12.
- Blanchard, Birdsal E. (See Burke, P., and Blanchard.)
- Blanchard, Dewey A., Toledo, Ohio. Crucifix. 1,909,249; May 16.
- Blanchard, Edward P., Los Angeles, Calif. Manipulative table for spinal correction. 1,938,006; Dec. 5.
- Blanchard, Elias P., East Bridgewater, Mass. Ball-throwing device. 1,912,360; June 6.
- Blanchard, Frederick C., Dorchester, Mass. Lubricating system. 1,900,754; Mar. 7.
- Blanchard, Frederick C., Boston, Mass. Machine for combing textile fibers. 1,905,336; Apr. 25.
- Blanchard, Frederick W., Montreal, Quebec, Canada. Wheel flange lubricator. 1,935,933; Nov. 21.
- Blanchard, George L., Calexico, Calif. Method and apparatus for defibrating cotton seed hulls. 1,900,154; Mar. 7.
- Blanchard, Harry G., Buffalo, N. Y. Hairpin. 1,909,928; May 23.
- Blanchard, Hymen A., Buffalo, N. Y. Antisiphon trap. 1,935,934; Nov. 21.
- Blanchard, Hymen A., Buffalo, N. Y. Antisiphon trap. 1,935,935; Nov. 21.
- Blanchard, Loring W., Jr. (See Eberlin, L. W., and Blanchard, assignors.)
- Blanchard, Paul E. (See Haag, Ivan M., assignor.)
- Blanchard, Raymond H. (See Martin, H. W., and Blanchard.)
- Blanchard, Robert L., assignor to Van Kannel Revolving Door Company, New York, N. Y. Independent wing locking device for revolving doors. 1,914,237; June 13.
- Blanchard, Robert L., assignor to Van Kannel Revolving Door Company, New York, N. Y. Speed regulator for revolving doors. 1,918,176; July 11.
- Blanchard, Robert L., New York, and H. Munson, Wantagh, assignors to Van Kannel Revolving Door Company, New York, N. Y. Cable lock and anchor for revolving door wings. 1,934,293; Nov. 7.
- Blanchard, Werner J., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Aeronautical propeller. 1,905,891; Apr. 25.
- Blanchard, Werner J., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Propeller mounting. 1,908,814; May 16.
- Blanchod, Jules, and A. Wirz, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Sulphurized dyestuff and making same. 1,894,848; Jan. 17.
- Blanc, John P., London, England. Vehicle brake tester. 1,938,242; Dec. 5.
- Blank, Alton J., Puebla, Mexico, assignor to Cement Process Corporation. Manufacture of cementitious materials. 1,912,883; June 6.
- Blank, Cora B. (See Adler, S., and Blank.)
- Blank, Ernst, Eitorf-on-the-Sieg, Germany. Sterile packing for dressings. 1,898,236; Feb. 21.
- Blank, Ferdinand, Mount Clemens, Mich. Air vent valve. 1,924,394; Aug. 29.
- Blankhorn, David. (See Wekerle, Ernest A., assignor.)
- Blankner, William, Cleveland, Ohio. Knife sharpener. 1,894,579; Jan. 17.
- Blankner, William, Miami, Fla. Knife sharpening device. 1,909,743; May 16.
- Blanton, William B., Merrick, assignor to The Western Union Telegraph Company, New York, N. Y. Automatic operator indicator for busy lines at central offices. 1,904,265; Apr. 18.
- Blanton, William B., Merrick, assignor to The Western Union Telegraph Company, New York, N. Y. Machine switching for printer concentrator circuits. 1,928,586; Sept. 26.
- Blasberg, Wilhelm, Chicago, Ill. Automatic draft, regulating device for boilers. 1,938,619; Dec. 12.
- Blaschk, Willy, Berlin, Germany. Device for preventing the theft or unauthorized use of automobiles. 1,923,907; Aug. 22.
- Blasco, Clare, Chicago, Ill. Paper cup handling apparatus for chocolates and the like. 1,927,151; Sept. 19.
- Blaser, Gebhard, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of webs and sheets with fluids. 1,910,670; May 23.
- Blashfield, Floyd A., assignor to Scanlan-Morris Company, Madison, Wis. Electrically heated apparatus. 1,930,551; Oct. 17.
- Blashow, Samuel, Riverdale, N. Y. Measuring device for medicinal powders. 1,926,137; Sept. 12.
- Blaski, Aloysius R., assignor, by mesne assignments, to Frank Hussey, Chicago, Ill. Skylight construction. 1,931,750; Oct. 24.
- Blatchford, George, Friend, Nebr. Seeder. 1,916,781; July 4.
- Blathy, Otto T., Budapest, Hungary. Rotary field magnet. 1,911,790; May 30.
- Blatter, Donald L., assignor to Erie City Iron Works, Erie, Pa. Burner. 1,911,487; May 30.
- Blatter, Donald L., assignor to Erie City Iron Works, Erie, Pa. Furnace. 1,911,488; May 30.

- Blatti, Albert L., Chicago, Ill., assignor to The Railways Ice Company. Crushed ice chute. 1,897,295; Feb. 14.
- Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,917,012; July 4.
- Blattner, David G., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic sound reproducer. 1,941,073; Dec. 26.
- Blattner, David G., Mountain Lakes, and H. F. Hopkins, Bogota, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric meter. 1,912,426; June 6.
- Blattner, Emil H., and E. R. Oeschger, Rochester, assignors to The Symington Company, New York, N. Y. Journal box. 1,940,042; Dec. 19.
- Blatz, Albert, jr., assignor, by mesne assignments, to Pioneering Manufacturing Co., Milwaukee, Wis. Milking machine. 1,935,870; Nov. 21.
- Blatz, Francis J., New York, N. Y. Golf club. 1,895,369; Jan. 24.
- Blatz, Francis J., New York, N. Y. Golf bag. 1,918,447; July 18.
- Blau, Harry, New York, N. Y. Razor blade sharpener. 1,920,847; Aug. 1.
- Blau, Henry H., assignor to Macbeth-Evans Glass Company, Charleroi, Pa. Globe. Des. 89,273; Feb. 14.
- Blau, Henry H., assignor to Macbeth-Evans Glass Company, Charleroi, Pa. Coffee maker. 1,935,587; Nov. 14.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for geophysical exploration. 1,911,137; May 23.
- Blauer, Louis. (See Yeaton, G. S., and Blauer.)
- Blauvelt, George R., San Diego, Calif. Machine tool. 1,898,285; Feb. 21.
- Blauvelt, Rudd, Brunswick, Ga. Container and dispenser for salve and the like. 1,911,671; May 30.
- Blaw-Knox Company. (See Fleming, Theodore B., assignor.)
- Blaw-Knox Company. (See Gerten, N., and Jenner, assignors.)
- Blaw-Knox Company. (See Marshall, Ira W., assignor.)
- Blaw-Knox Company. (See McCrery, Harold E., assignor.)
- Blaw-Knox Company. (See Venable, William M., assignor.)
- Blaw-Knox Company. (See Voelker, Fred, jr., assignor.)
- Blaw-Knox Company. (See Wolf, Anthony S., assignor.)
- Blaydes, Wendell, and C. Britton, Rochdale, Ind. Dispensing machine. 1,928,556; Sept. 26.
- Blaylock, Raymond C., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Control surface for aircraft. 1,892,927; Jan. 3.
- Blayney, Wilson L., assignor to Marshall Field & Company, Chicago, Ill. Scarf. 1,901,725; Mar. 14.
- Blazek Cold Storage Door Company. (See Anderson, Christopher J., assignor.)
- Blazek, John Y., assignor to Lempeo Products Inc., Cleveland, Ohio. Lathe attachment. 1,917,748; July 11.
- Bleach Process Company. (See Wheeler, F. G., and Heller, assignors.)
- Bleaden, Samuel B., San Francisco, Calif. Container for toothbrushes. 1,904,609; Apr. 18.
- Bleam, Edgar W., Philadelphia, Pa., assignor to Atlas Manufacturing Company. Meat sawing apparatus. 1,908,727; May 16.
- Bleasdale, Harry. (See Silberrad, O., and Bleasdale.)
- Blecha, Robert E., Brooks Field, Tex. Hydraulic transmission. 1,907,278; May 2.
- Blechman, Irving, New York, N. Y. Clothing container. 1,895,406; Jan. 24.
- Blechman, Nelson E., Washington, D. C. Dress shirt protector. 1,938,510; Dec. 5.
- Bledowski, Jan, Warsaw, Poland. Optical rectifier. 1,928,038; Sept. 26.
- Bleecker, Maitland B., Phoebus, Va. Helicopter. 1,909,450; May 16.
- Bleecker, Maitland B., Hempstead, N. Y., assignor to Wright Aeronautical Corporation. Method of and apparatus for cooling internal combustion engines. 1,934,399; Nov. 7.
- Bleibler, Ernst, Winterthur, Switzerland. Producing strips, films and the like. 1,911,878; May 30.
- Bleibtren, Hermann and J. B. Eberlein, assignors to Freyn Engineering Company, Chicago, Ill. Flue gas cleaning apparatus. 1,933,699; Nov. 7.
- Bleier, William D., assignor to Continental Baking Company, New York, N. Y. Tin cleaning and greasing machine. 1,898,653; Feb. 21.
- Blériot, Louis, Suresnes, France. Aeroplane. 1,916,092; June 27.
- Bleser, Joseph F. (See Schafer, J. C. F., and Bleser.)
- Bleser, Joseph F., Springfield, Ill. Piston. 1,910,315; May 23.
- Bleser, Joseph F., Springfield, Ill. Piston construction. 1,929,475; Oct. 10.
- Bletso, Bruce N., Cleveland Heights, Ohio. Rod shifter. 1,915,714; June 27.
- Bletz, Edward, Lexington, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Thermostatic switch. 1,914,105; June 13.
- Bluel, William H., Pittsburgh, Pa., assignor to The Wallace Barnes Company, Bristol, Conn. Spring-forming mechanism. 1,935,309; Nov. 14.
- Bluestein, Ben, New York, N. Y. Baby carriage brake construction. 1,915,286; June 27.
- Bley, Fred, Chicago, Ill. Pessary. 1,917,870; July 11.
- Bley, Fred, assignor of one-half to M. Hoerer, Chicago, Ill. Insertable saw tooth. 1,908,107; May 9.
- Bley, Hellmuth. (See Seibt, G., and Bley.)
- Bley, Kurt, Magdeburg, Germany. Closing band for piston rings. 1,913,426; June 13.
- Bley, William M., Round Grove, Ill. Lawn-mower attachment. 1,899,305; Feb. 28.
- Bleyer, Lloyd G., assignor to Chain Belt Company, Milwaukee, Wis. Endless traveling water screen. 1,913,303; June 6.
- Blicher, Mac, New York, N. Y. Coat shield and material support. 1,929,051; Oct. 3.
- Blickman, Harry, New York, N. Y., assignor to S. Blickman, Inc., Weehawken, N. J. Exercising apparatus. 1,928,089; Sept. 26.
- Blickman, S., Inc. (See Blickman, Harry, assignor.)
- Bliffert, Walter J., Milwaukee, Wis. Intake manifold. 1,900,272; Mar. 7.
- Blinn, Glenn E., New York, N. Y., assignor to Hervey S. Walker, Ardmore, Pa. Detector for hidden metal. 1,910,820; May 23.
- Blinn, Glenn E., New York, N. Y., assignor to H. S. Walker, Ardmore, Pa. Duct support. 1,924,305; Aug. 29.
- Bliss, E. W. Company. (See Dieter, William, assignor.)
- Bliss, E. W., Company. (See Gabriel, Charles R., assignor.)
- Bliss, E. W. Company. (See Jruse, Peter, assignor.)
- Bliss, E. W., Company. (See Krueger, Frank, assignor.)
- Bliss, E. W., Company. (See Kruse, Peter, assignor.)
- Bliss, E. W., Company. (See Strout, Robert W., assignor.)
- Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Shoe fitting device. 1,921,997; Aug. 8.
- Bliss, Elmer J., Boston, assignor to Regal Shoe Company, Whitman, Mass. Foot measuring device. 1,940,240; Dec. 19.
- Bliss, H. R., Company. (See Allen, Howard G., assignor.)
- Bliss, H. R., Company. (See Allen, H. G., and Bliss, assignors.)
- Bliss, H. R. Company. (See Allen, H. G., and Kucklinsky, assignors.)
- Bliss, H. R., Company. (See Bliss, Herbert R., assignor.)
- Bliss, H. R., Company. (See Bliss, H. R., and Allen, assignors.)
- Bliss, Herbert R., assignor to H. R. Bliss Company, Inc., Niagara Falls, N. Y. Container and reinforcement therefor. 1,917,920; July 11.
- Bliss, Herbert R., and H. G. Allen, assignors to H. R. Bliss Company, Inc., Niagara Falls, N. Y. Stitching machine anvil. 1,902,825; Mar. 28.
- Bliss, John, assignor to C. C. Wakefield & Company, Limited, London, England. Lubricating device. 1,905,136; Apr. 25.
- Bliss, John H. (See Allen, H. G., and Bliss.)
- Bliss-Latham Corporation. (See Juul, Peter, assignor.)
- Bliss, Sherwood C. (See Howe, S. B., and Bliss.)
- Bliven, Chester A., Los Angeles, Calif. Sanitary mattress cabinet. 1,908,678; May 16.
- Blizzard Manufacturing Company. (See Matejcek, Vincent, assignor.)
- Blizzard, Otto M., Dayton, Ohio. Table. 1,935,008; Nov. 14.
- Bloch Freres, Inc. (See Tansley, Thomas W., assignor.)
- Bloch Go-Cart Company. (See Richardson, Charles J., assignor.)
- Bloch, Leon, Cleveland Heights, Ohio. Bathroom fixture. 1,933,839; Nov. 7.
- Bloch, Louis J. (See Meyer, Henry A., and Bloch.)
- Bloch, Max, Frankfurt-on-the-Main, Germany. Machine for steeping pelts. 1,893,758; Jan. 10.
- Bloch, Samuel M., Cleveland, Ohio, assignor to The Fintex Corporation, Detroit, Mich. Trousers cuff. 1,907,482; May 9.
- Blocher, Irvin, Little Rock, Ark. Automatic four-wheel brake equalizing mechanism. 1,914,238; June 13.
- Blochowiak, Bruno L., Milwaukee, Wis. Milk pasteurizing apparatus. 1,918,081; July 11.
- Block, David A., et al. (See Block, Morris H., assignor.)
- Block, David J., Chicago, Ill. Gas absorbent. 1,922,416; Aug. 15.
- Block, Gustav, Oberschoneweide, Germany, assignor to General Electric Company. Valve control system. 1,912,029; May 30.
- Block, Harry J., Ellensburg, Wash. Self adjusting suspender. 1,897,296; Feb. 14.
- Block, Joseph, assignor of sixty one-hundredths to M. Gaydosh, Wheeling, W. Va. Toy. 1,907,285; May 2.
- Block, Laurence, et al. (See Guenther, George A., assignor.)
- Block, Max, Kew Gardens, N. Y., and O. Freund, Bloomfield, N. J. Yeast product and making the same. 1,919,612; July 25.
- Block, Morris H., assignor to H. Kortz, D. A. Block and P. Kleiger, Denver, Colo. Nursing bottle. Des. 89,252; Feb. 14.
- Block, Morris H., assignor to H. Kortz, D. A. Block, and P. Kleiger, Denver, Colo. Nursing bottle. 1,913,531; June 13.

- Block, Samuel R. (See Duraney, Stephen J., assignor.)
 Block, William S., Buffalo, N. Y. Radio aerial. 1,933,959; Nov. 7.
 Blocker, Raymond V., Huntington, Ind. Shaker. 1,938,245; Dec. 5.
 Blocker, Walter A., Mount Vernon, assignor to Lugene Inc., New York, N. Y. Lorgnette. 1,899,664; Feb. 28.
 Blocksidge, Charles R., assignor to A. P. W. Paper Company, Albany, N. Y. Control device for a machine. 1,922,522; Aug. 15.
 Blodgett, George R., assignor to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Pressure and flow control device for combustion indicators. 1,904,819; Apr. 18.
 Blodgett, Herbert C. (See Johnson, C. G., and Blodgett.)
 Blodgett, Herbert C., assignor to Door Control Company, Hartford City, Ind. Overhead door control means. 1,933,700; Nov. 7.
 Blodgett, Leo S., East Orange, N. J. Lamp support. 1,930,993; Oct. 17.
 Bloedel, Henry A., Pittsburgh, Pa. Combination cabinet and seat construction. 1,902,319; Mar. 21.
 Blokland Visser, Jan, assignor to Naamlooze Vennootschap: Koninklijke Maatschappij "de Schelde", Scheepsbouw en Werktuigenfabriek, Flushing, Netherlands. Passenger ship. 1,892,820; Jan. 3.
 Blom, Axel V., Grosshochstetten, Switzerland. Pigmentary base product and making the same. 1,899,132; Feb. 28.
 Blom, Ella B., Jackson Heights, N. Y. Pouch for toilet articles. 1,923,071; Aug. 22.
 Blom, Hjalmar T., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping mechanism. 1,919,195; July 25.
 Blom, Robert, Paris, France. Hydroelectric installation. 1,921,905; Aug. 8.
 Blomberg, Hermann, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electric furnace. 1,930,337; Oct. 10.
 Blomberg, Knut H., Appelviken, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electrical timing arrangement. 1,907,279; May 2.
 Blomberg, Martin P. (See Mussey, W. H., and Blomberg.)
 Blomberg, Martin P., Chicago, Ill., assignor, by mesne assignments, to Pullman Car & Manufacturing Corporation. Clasp brake rigging. 1,911,940; May 30.
 Blomberg, Per H., Chicago, Ill. Collapsible shipping crate. 1,905,137; Apr. 25.
 Blome, August B., St. George, Staten Island, assignor to The Superheater Company, New York, N. Y. Make-up system. 1,931,976; Oct. 24.
 Blomgren, Oscar C., Winnetka, Ill. Armature turning and undercutting lathe. 1,923,416; Aug. 22.
 Blomquist, Ernst, Lombard, Ill. Transformer selector cabinet. 1,908,815; May 16.
 Blomquist, Ernst, Lombard, Ill. Substation. 1,930,156; Oct. 10.
 Blomstrom, Charles, Minneapolis, Minn. Measuring and dispensing device for receptacles. 1,902,157; Mar. 21.
 Blondin, Peter E., North Tonawanda, N. Y. Musical instrument stand. 1,907,238; May 2.
 Blood, Alexander P., New York, N. Y. Insulator. 1,918,586; July 18.
 Blood, Alexander P., New York, N. Y. Punching machine. 1,932,571; Oct. 31.
 Blood Brothers Machine Co. (See Wood, Corlan E., assignor.)
 Blood, Harold L., Hinsdale, Ill. Thermostatic control for internal combustion engines. 1,895,534; Jan. 31.
 Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,926,967; Sept. 12.
 Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Gauge mechanism for grinding machines and the like. 1,929,966; Oct. 10.
 Blood, Harold L., Worcester, Mass., assignor to The Heald Machine Company. Size determining mechanism for automatic machines. 1,929,967; Oct. 10.
 Blood, Howard E., J. C. Buchanan, and R. L. Mapson, assignors to Detroit Gear & Machine Company, Detroit, Mich. Synchronized transmission. 1,927,483; Sept. 19.
 Blood, Howard E., and J. C. Buchanan, Detroit, Mich., and R. L. Mapson, Kokomo, Ind., assignors to Detroit Gear & Machine Company, Detroit, Mich. Shift mechanism. 1,927,484; Sept. 19.
 Blood, Louis H., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,940,443; Dec. 19.
 Blood, Louis H., and C. W. Goodrich, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Combined automatic machine tool. 1,924,594; Aug. 29.
 Bloodstran, Hilmer F., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Dispensing cabinet. 1,929,968; Oct. 10.
 Bloom, Edgar J., Tiffin, Ohio. Ash tray. Des. 91,129; Dec. 5.
 Bloom, Frank A. L., Detroit, Mich. Apparatus for conditioning foods. 1,938,889; Dec. 12.
 Bloom, Philip S., Chicago, Ill. Garment. 1,927,018; Sept. 19.
 Bloomberg, Warner S. (See Grayson, Luther W., assignor.)
 Bloomdahl, Albin G., and W. W. Shaw, assignor to Jamestown Metal Desk Company, Jamestown, N. Y. Desk. 1,939,250; Dec. 12.
 Bloomer Bros. Company. (See Bloomer, Robert S., assignor.)
 Bloomer Bros. Company. (See Inman, Harry A., assignor.)
 Bloomer Bros. Company. (See Inman, W. H., and Bloomer, assignors.)
 Bloomer Bros. Company. (See Klefeker, Charles B., assignor.)
 Bloomer Bros. Company. (See Klefeker, C. B., and Shearer, assignors.)
 Bloomer, Harrison C. (See Inman, W. H., and Bloomer.)
 Bloomer, Robert S., assignor to Bloomer Bros. Company, Newark, N. Y. Container. 1,933,207; Oct. 31.
 Bloomer, Ward J. (See Krchma, I. J., and Bloomer.)
 Bloomfield, Arthur E. and K. G., West Webster, N. Y. Strip map holder. 1,896,935; Feb. 7.
 Bloomfield, Kenneth G. (See Bloomfield, Arthur E. and K. G.)
 Bloomstrand, Roland, Chicago, Ill. Tennis racket and other play implement. 1,917,236; July 11.
 Blose, Thomas G., Coplay, Pa. Engine tester. 1,924,975; Aug. 29.
 Bloss, Richard R., Bexley, Ohio. Fluid cooled brake drum. 1,906,519; May 2.
 Bloss, Richard R., Columbus, Ohio, assignor to International Derrick Equipment Company of Texas, Beaumont, Tex. Combination guide and float shoe. 1,937,188; Nov. 28.
 Bloss, Richard R., and R. C. Pfeil, Columbus, Ohio. Counterbalancing mechanism. 1,928,245; Sept. 26.
 Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Oscillating motor. 1,913,826; June 13.
 Blossom, Carl W., Cleveland, and W. H. Staples, Cleveland Heights, Ohio. Vending machine. 1,902,612; Mar. 21.
 Blossom, John T., Shaker Heights, Ohio. Stocking stretcher. 1,893,220; Jan. 3.
 Blossom Lock Company, The. (See Staples, William H., assignor.)
 Blough, Earl, Pittsburgh, and H. V. Churchill, Parnassus, assignors to Aluminum Company of America, Pittsburgh, Pa. Alkaline detergent compositions and rendering the same noncorrosive to aluminum. 1,912,175; May 30.
 Blount, Harry, and H. Sheel, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for heat treating articles. 1,919,821; July 25.
 Blount, Harry, and E. J. Larsen, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,920,181; Aug. 1.
 Blount, Nelson, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone desk set. 1,894,016; Jan. 10.
 Bloxson, Allan P., Houston, Tex. Automatic gear changing mechanism. 1,911,599; May 30.
 Bludworth, Inc. (See Bludworth, T. F., Blaisdell, and Vachris, assignors.)
 Bludworth, Inc. (See Davis, Arthur P., assignor.)
 Bludworth, Joseph E., Eastland, Tex., assignor to Hanlon-Buchanan, Inc., Tulsa, Okla. Oxidizing gaseous hydrocarbons. 1,923,610; Aug. 22.
 Bludworth, Timothy F., W. C. Blaisdell, and J. B. Vachris, assignors to Bludworth, Inc., New York, N. Y. Remotely controlled radio and phonograph system. 1,932,766; Oct. 31.
 Blue, Edward B., executor. (See Blue, Louis V.)
 Blue, Louis V., deceased, Pittsburgh, Pa., Edward B. Blue, executor. Automatic closer for windows and the like. 1,902,392; Mar. 21.
 Bluemel, Gustave, assignor to Drying Systems, Inc., Chicago, Ill. Air heater. 1,895,966; Jan. 31.
 Bluemel, Gustave, assignor to Drying Systems, Inc., Chicago, Ill. Air heater. 1,913,019; June 6.
 Bluemmel, Franz. (See Krzikalla, H., and Bluemmel.)
 Blue Ribbon Books, Inc. (See Dulin, J. H., and Lentz, assignors.)
 Blue Ridge Glass Corporation. (See Ingouf, Robert J. A., assignor.)
 Blue Ridge Glass Corporation. (See Shetterly, Fred F., assignor.)
 Blue Rock Chemical Corporation of Virginia, The. (See Grant, Rudolph R., assignor.)
 Blufston, Martin M., St. Louis, Mo. Indicating device. 1,935,694; Nov. 21.
 Bluhm, Alexandre, Paris, France, assignor to Ferodo Limited, Sovereign Mills, Chapel-en-le-Frith, Derbyshire, England. Friction material. Re18,865; June 13.
 Bluhm, Charles A., Michigan City, Ind. Shock absorber. 1,920,055; July 25.
 Bluhm, John C., Huntley, Ill. Clamping tool. 1,935,009; Nov. 14.
 Blum, Charles. (See Austin, Harry M., assignor.)
 Blum, Emil, Newark, N. J. Optical polygraph. 1,903,890; Apr. 18.
 Blum, George J., Chicago, Ill. Vertical extension device for automobile bumpers. Des. 89,740; May 2.
 Blum, George J., Chicago, Ill. Auxiliary impact device for automobile bumpers. Des. 89,868; May 16.
 Blum, George J., assignor to Armstrong-Blum Mfg. Co., Chicago, Ill. Saw frame. 1,919,323; July 25.

- Blum, George J., assignor to Armstrong-Blum Mfg. Co., Chicago, Ill. Drive mechanism for a fluid supply system or the like. 1,936,617; Nov. 28.
- Blum, Hans J., New York, N. Y. Filament spinning apparatus. 1,923,183; Aug. 22.
- Blum, Hosmer L., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Meter. 1,929,406; Oct. 10.
- Blum, Hosmer L., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Multiple quantity repeating automatic meter. 1,929,407; Oct. 10.
- Blum, Isaac, Baltimore, Md. Culinary package. 1,912,963; June 6.
- Blum, John A. (See Hines, R. L., and Blum.)
- Blum, Joseph K., Scarsdale, N. Y. Apparatus for subdividing material. 1,924,536; Aug. 29.
- Blum, Paul L. (See Hines, R. L., and Blum.)
- Blum, Robert J., Marengo, Ill. Fishing apparatus. 1,899,790; Feb. 28.
- Blum, Sidney J., assignor to Arvey Corporation, Detroit, Mich. Lining panel for vehicle bodies. 1,895,567; Jan. 31.
- Blum, Sidney J., assignor to Arvey Corporation, Detroit, Mich. Forming asphalt cement ply board. 1,910,671; May 23.
- Blum, Sidney J., assignor to Arvey Corporation, Detroit, Mich. Lining. 1,926,737; Sept. 12.
- Blumberg, Chester, Chicago, Ill. Forming veils. 1,934,162; Nov. 7.
- Blumberg, Gustav, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Fuse. 1,902,613; Mar. 21.
- Blumberg, Paul, New Holstein, Wis., and F. G. Hough, assignors to W. M. Blair, Chicago, Ill. Hydraulic digger. 1,913,472; June 13.
- Blume, Elmer. (See Decker, B., and Blume.)
- Blume, George F., Philadelphia, Pa. Bearing structure. 1,906,122; Apr. 25.
- Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Electrical transmission system. 1,921,723; Aug. 8.
- Blume, Louis F., and G. Camilli, Pittsfield, Mass., assignors to General Electric Company. Protective device for electrical apparatus. 1,917,087; July 4.
- Blume, Wilhelm, Berlin-Tegel, assignor to Firm Typograph G. m. b. H., Berlin, Germany. Matrix-setting and type-line-casting machine. 1,918,629; July 18.
- Blume, Wilhelm, Berlin-Tegel, assignor to the firm Typograph G. m. b. H., Berlin, Germany. Matrix-setting and type-line-casting machine. 1,925,170; Sept. 5.
- Blume, Wilhelm, Berlin-Tegel, assignor to the Firm Typograph G. m. b. H., Berlin, Germany. Matrix-setting and type-line-casting machine. 1,926,934; Sept. 12.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,907,483; May 9.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,907,484; May 9.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake shoe. 1,912,684; June 6.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,919,974; July 25.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction clutch block. 1,919,998; July 25.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction element. 1,924,021; Aug. 22.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,924,345; Aug. 22.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,927,012; Sept. 19.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction block. 1,935,348; Nov. 14.
- Blume, William A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake shoe. 1,937,140; Nov. 28.
- Blumenfeld, Joseph, Neuilly-sur-Seine, France, assignor, by mesne assignments, to Krebs Pigment and Color Corporation, Newark, N. J. Production of titanium dioxide. Re18,854; May 30.
- Blumenfeld, Joseph, Neuilly-sur-Seine, assignor to Societe de Produits Chimiques des Ferres Rares, Paris, France. Dehydrating magnesium and similar chlorides. 1,940,620; Dec. 19.
- Blumenfeld, Joseph, Paris, France, and M. Meyer, Karlsbad, Czechoslovakia, assignors, by mesne assignments, to Krebs Pigment and Color Corporation, Newark, N. J. Preparation of titanium pigments. 1,892,693; Jan. 3.
- Blumenthal, Abraham S., Amityville, N. Y. Combined graphic outline and work locating template for building models. 1,904,674; Apr. 18.
- Blumenthal, Alexander E., Pittsburgh, Pa. Sign. Des. 90,522; Aug. 22.
- Blumenthal, B., & Co. (See Daniel, Louis, assignor.)
- Blumenthal, B., & Co. (See Haas, William F., assignor.)
- Blumenthal, B., & Co. (See Rosenthal, Sidney, assignor.)
- Blumenthal, B., & Co. (See Shadlowsky, Joseph, assignor.)
- Blumenthal, B., & Co. Inc. (See Bentkow, Abraham, assignor.)
- Blumenthal, Louis, Brooklyn, N. Y. Folding table and chair. 1,903,954; Apr. 18.
- Blumenthal, Maurice, Brooklyn, N. Y. Steel pile shell. 1,908,217; May 9.
- Blumenthal, Maurice, Brooklyn, N. Y. Column pile and method. 1,924,346; Aug. 29.
- Blumenthal, Sidney, & Co. (See Todd, Juanita, assignor.)
- Blumenthal, Sidney, & Co., Inc. (See Ericson, Emile, assignor.)
- Blumer, Manual. (See Silverman, A., Engelder, and Blumer.)
- Blundell, Alfred. (See Pomeroy, L. H., and Blundell.)
- Blunt, James G., Schenectady, N. Y. Fluid pressure articulated conduit. 1,893,194; Jan. 3.
- Blunt, James G., Schenectady, N. Y. Brake mechanism. 1,901,019; Mar. 14.
- Blunt, James G., Schenectady, N. Y. Locomotive valve gear and operating mechanism therefor. 1,907,485; May 9.
- Blunt, James G., Schenectady, N. Y. Journal box. 1,911,791; May 30.
- Blunt, James G., Schenectady, N. Y. Frame cross-tie and apparatus supporting structure for locomotives. 1,916,201; July 4.
- Blunt, James G., Schenectady, N. Y. Railroad truck centering device. 1,920,348; Aug. 1.
- Blunt, James G., Schenectady, N. Y. Lateral motion resisting device. 1,922,876; Aug. 15.
- Blunt, Rorden A., Baltimore, Md. Eliminating soot. 1,910,316; May 23.
- Blustein, Abraham, Washington, D. C. Artificial sponge for scouring metal and enamel ware. 1,924,974; Aug. 29.
- Blydenburgh, Harold L. (See George, E. S., and Blydenburgh.)
- Blydenburgh, Raymond R., jr. (See Nancarrow, H. L., and Blydenburgh.)
- Blystone Manufacturing Company, The. (See Jadgmann, K. E. W., and Bonfer, assignors.)
- Blythe, George E. K., Addiscombe, assignor to Bluell Combustion (Foreign) Limited, London, England. Burner for pulverized fuel. 1,933,701; Nov. 7.
- Boabands Limited. (See Bradley, Daniel A., assignor.)
- Bogler, William H. (See Welch, S. A., Guyler, Ashby, and Bogler.)
- Board of Trustees of The Leland Stanford Junior University, The. (See Hanzlik, Paul J., assignor.)
- Board of Trustees of the University of Illinois. (See Parr, S. W., and Straub, assignors.)
- Board, Virgil L., Denver, Colo., assignor to Doherty Research Company, New York, N. Y. Manufacturing coke. 1,919,157; July 18.
- Boardman, Alfred E., Seattle, Wash. Fire extinguishing sprinkler valve. 1,900,632; Mar. 7.
- Boardman, Harry C., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Elevated tank. Des. 89,869; May 16.
- Boardman, Harry C., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Tank ladder. 1,916,252; July 4.
- Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Container. 1,928,640; Oct. 3.
- Boardman, Harry C., assignor to Chicago Bridge and Iron Company, Chicago, Ill. Tank. 1,931,525; Oct. 24.
- Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Floating roof. 1,932,394; Oct. 31.
- Boardman, Harry C., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Welding tanks. 1,940,785; Dec. 26.
- Bobertz, Gustav H., jr., and T. J. La Fontaine, Detroit, Mich. Automobile hood. 1,911,600; May 30.
- Bobo, Edward H., Ranger, Tex. Fish lure. 1,897,109; Feb. 14.
- Bobo, Henry S., Greenfield, Ohio. Storage and dispensing device for screen wire and the like. 1,902,826; Mar. 28.
- Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. Des. 89,870; May 16.
- Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. Des. 89,986; May 23.
- Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. Des. 90,013; May 30.
- Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. Des. 90,230; July 4.
- Bobroff, Bornett L., Racine, Wis. Signal switch construction for automotive vehicles. 1,909,040; May 16.
- Bobroff, Bornett L., Milwaukee, Wis. Hospital indicator. 1,921,149; Aug. 8.
- Bocco, John, Camden, N. J. Revolver rifle. 1,898,237; Feb. 21.
- Bochmann, Otto, Remscheid-Lennep, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Spool. 1,916,822; July 4.
- Bochmann, Otto, and W. Lenk, Remscheid-Lennep, assignors to Barmer Maschinenfabrik A.-G., Wuppertal-Oberbarmen, Germany. Device for equalizing the thread tensions for twisting devices. 1,900,037; Mar. 7.
- Bochl Corporation. (See Hoffman, W. G., and Miller, assignors.)
- Bock, Alfred C. O., and J. J. Erna, Brooklyn, N. Y. Coin-assorting apparatus. 1,934,839; Nov. 14.
- Bock, Charles D., assignor of one-half to W. Shakespeare, jr., Kalamazoo, Mich. Loud speaker. 1,897,835; Feb. 14.

- Bock Laundry Machine Company, The. (See Bock, William E., assignor.)
- Bock, Oscar L., Madison, Wis. Draft regulator. 1,911,941; May 30.
- Bock, Walter. (See Meisenburg, K., and Bock.)
- Bock, Walter. (See Meisenburg, K., Bock, and Bächle.)
- Bock, Walter. (See Tschunkur, E., and Bock, assignors.)
- Bock, Walter, and E. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Polymerization product of butadiene-1,3 hydrocarbons and making same. 1,898,522; Feb. 21.
- Bock, Walter, and E. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial rubber. 1,911,672; May 30.
- Bock, Walter, and E. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial rubber. 1,924,227; Aug. 29.
- Bock, William E., West Palm Beach, Fla. Folding golf tee. 1,901,948; Mar. 21.
- Bock, William E., assignor to The Bock Laundry Machine Company, Toledo, Ohio. Mechanical movement. 1,894,290; Jan. 17.
- Bockerman, Laurette M., Seattle, Wash. Umbrella identification tag. 1,938,951; Dec. 12.
- Bockman, George A., assignor to Universal Oil Products Company, Chicago, Ill. Valve locking means. 1,924,831; Aug. 29.
- Böckmann, Gustav, Cologne-Mulheim, assignor to F. Clouth Rheinische Gummiwarenfabrik Aktiengesellschaft, Cologne, Germany. Manufacturing plaited work. 1,925,516; Sept. 5.
- Bockmann, John E., St. Edward, assignor of fifty-two per cent to W. C. Foster, York, Nebr. Vacuum corn picker. 1,898,757; Feb. 21.
- Bockmon, Watson E., Los Angeles, Calif. Making a ceramic container. 1,920,459; Aug. 1.
- Bockmühl, Max. (See Lautenschläger, K. L., Bockmühl, Ehrhart, and Krohs.)
- Bockmühl, Max, and G. Ehrhart, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Producing tertiary nitriles. 1,894,301; Jan. 17.
- Bockmühl, Max, G. Ehrhart, and L. Stein, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds of the 1-phenyl-2-amino-alcohols-1 series hydroxylated in the phenyl radical. 1,917,424; July 11.
- Bockmühl, Max, and F. Lindner, Frankfurt-on-the-Main, and O. Schumann, Wiesbaden, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Separating and isolating the active substances of the posterior lobe of the hypophysis. 1,920,349; Aug. 1.
- Bockmühl, Max, W. Krohs, and G. Ehrhart, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Nitrogen containing compounds of the pyridine and quinoline series. 1,936,547; Nov. 21.
- Boeler, Harry. (See Burrill, L. C., Boeler, and Hunter.)
- Boez, Alexander J., Detroit, Mich. Balancing system for internal combustion engines. 1,907,339; May 2.
- Boda, Joseph, Budapest, Hungary. Hair curler. 1,929,012; Oct. 3.
- Boda, Joseph E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk harrow. 1,893,641; Jan. 10.
- Boda, Joseph E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Hitching member. 1,911,743; May 30.
- Boda, Joseph E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk plow. 1,926,326; Sept. 12.
- Bodan, Casimir, Jackson Heights, assignor to Photo Review Corporation, New York, N. Y. Developing apparatus. 1,919,926; July 25.
- Bodan, Casimir, New York, and S. J. Pask, Long Island City, N. Y. Drying apparatus for automatic cameras. 1,907,718; May 9.
- Bodan, Casimir, Jackson Heights, and S. J. Pask, Long Island City, N. Y. Automatic photographing apparatus. 1,911,345; May 30.
- Bodan, Casimir, New York, and Stanley J. Pask, Long Island City, N. Y. Photographic and developing apparatus. 1,912,427; June 6.
- Bodan, Casimir, Brooklyn, and J. Pask, Long Island City, N. Y. Automatic developing tank. 1,940,202; Dec. 19.
- Bodard, Fernand. (See Bodart, Jules, assignor.)
- Bodart, Jules, Brussels, assignor to F. Bodart, Marchienne au Pont, Belgium. Metallic packing means for the shafts of centrifugal pumps and other rotary machines. 1,905,618; Apr. 25.
- Bodde, Theodore, Rochester, N. Y. Dental floss holder. 1,916,653; July 4.
- Bodde, Theodore, Niagara Falls, assignor to The Regan Safety Devices Company, Inc., New York, N. Y. Train control system. 1,930,920; Oct. 17.
- Boddie, Clarence A., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Signal transmission system. 1,922,193; Aug. 15.
- Boddie, Clarence A., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phase shifting reactor. 1,924,303; Aug. 29.
- Bode-Cummins Mfg. Company, The. (See Heitman, Max F. C., assignor.)
- Bode, Louis A., North Pelham, assignor to International Motor Company, New York, N. Y. Brake cooling mechanism. 1,906,520; May 2.
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing locking means. 1,906,521; May 2.
- Bodendieck, Henry W., Taylorville, Ill. Operating member or stick for hot line equipment. 1,920,168; Aug. 1.
- Bodendieck, Henry W., assignor to Tip's Tool Company, Inc., Taylorville, Ill. Staging for linemen. 1,915,715; June 27.
- Bodendieck, Henry W., assignor to Tips Tool Company, Inc., Taylorville, Ill. Method and equipment for handling strain insulators. 1,940,162; Dec. 19.
- Bodenstein, Walter, Chicago, Ill. Coin holder. 1,915,083; June 20.
- Bodin, George, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,907,719; May 9.
- Bodine, Alfred V., Fairfield, Conn., assignor to Raybestos-Manhattan, Incorporated, Passaic, N. J. Brake block and means of attaching. 1,901,696; Mar. 14.
- Bodine Electric Company. (See Thompson, Clifford F., assignor.)
- Bodine, Eugene S., Sellers, La., assignor to Shell Petroleum Corporation. Apparatus for reading colors. 1,914,937; June 20.
- Bodkin, Edwin O., Royal Oak, assignor to McCord Radiator & Manufacturing Company, Detroit, Mich. Stocking and display fixture. 1,938,370; Dec. 5.
- Bodkin, Irving S., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,906,305; May 2.
- Bodkin, Irving S., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Adhesive-applying mechanism. 1,922,523; Aug. 15.
- Bodle, Virgil H., Newton, Mass., assignor to B. F. Goodrich Company, New York, N. Y. Composite article and making the same. 1,937,807; Dec. 5.
- Bodmer, Albert. (See Heberlein, G., and Bodmer.)
- Bodmer, Albert, Wattwil, assignor to Novaseta A. G., Arbon, Arbon, Switzerland. Preparation of neutral or alkaline precipitating liquids. 1,918,374; July 18.
- Bodor, Andrew. (See Koch, L. B., and Bodor.)
- Bodor, Andrew, Newark, N. J. Paper bottle. 1,912,884; June 6.
- Bodor, Andrew, Newark, N. J. Paper container. 1,914,239; June 13.
- Bodzioch, Joseph, Elizabeth, N. J. Safety gas cock. 1,935,936; Nov. 21.
- Boe, Endre A., Watford City, N. Dak. Golf tee. 1,933,239; Oct. 31.
- Boe, Helmer J., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable forming machine. 1,920,182; Aug. 1.
- Boeck, Walther. (See Brunn, R., Kreutzer, and Boeck.)
- Boecking, Ewald. (See Frappier, L. S., and Boecking.)
- Boecking, Ewald. (See Kindelmann, A., and Boecking.)
- Boedecker, Friedrich, Dahlen, near Berlin, G. Reverey, Steglitz, near Berlin, and H. Volk, Tempelhof, near Berlin, Germany. Producing keto-derivatives of cholic acid. 1,933,005; Oct. 31.
- Boedecker, Friedrich, Berlin-Dahlen, and J. Seemann, Berlin-Tempelhof, Germany, assignors, by mesne assignments, of one-half to E. I. du Pont de Nemours & Company, and one-half to Buffalo Electro-Chemical Co., Inc. Producing hydrogen peroxide. 1,937,682; Dec. 5.
- Boedtecher, Franz A., Bergenfield, assignor to Otis Elevator Company, Jersey City, N. J. Method of and apparatus for operating the doors of elevator installations. 1,911,792; May 30.
- Boehler, Adolf, Brooklyn, N. Y. Music sheet turner. 1,914,070; June 13.
- Boehler, Raymond F., jr. (See Robbins, W. H., and Boehler.)
- Boehler, Raymond F., jr., Springfield, assignor to The Williams Company, London, Ohio. Steel wool machine. 1,912,964; June 6.
- Boehm, John. (See Brown, H. E., and J. Boehm.)
- Boehm, William. (See Lassen, L., and Boehm.)
- Boehme, H. O., Inc. (See Kunc, Frank, assignor.)
- Boehner, Georg. (See Honold, E., and Boehner.)
- Boehner, Georg. (See Neresheimer, H., and Boehner.)
- Boehner, Georg. (See Unger, Oskar, and Boehner.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., Lübke, and Dieterich, assignors.)
- Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., and Schenck, assignors.)
- Boehringer, C. H., Sohn Aktiengesellschaft. (See Wieland, Heinrich, assignor.)
- Boeing Airplane Company. (See Dean, Ernest P., assignor.)
- Boeing Airplane Company. (See Hughes, Edwin A., assignor.)
- Boeing Airplane Company. (See Minshall, Robert J., assignor.)
- Boeing Airplane Company. (See Monteith, C. N., Kylstra, and Minshall, assignors.)
- Boekel, Julius, assignor to Wm. Boekel & Company, Inc., Philadelphia, Pa. Sterilizing oven. 1,935,499; Nov. 14.
- Boekel, Wm., & Company. (See Boekel, Julius, assignor.)

- Boenecke, Alfred, Berlin, Germany. Box, especially for viscous substances. 1,936,822; Nov. 28.
- Boenner, Joseph F. (See Campbell, Joe, assignor.)
- Boenning, William M., Manitowoc, Wis. Folding furniture leg. 1,893,195; Jan. 3.
- Boenning, William M., Manitowoc, Wis. Folding furniture leg. 1,923,417; Aug. 22.
- Boenning, William M., Manitowoc, Wis., assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Table leg support. 1,901,697; Mar. 14.
- Boesch, Gustav S., Danbury, Conn. Hat stretching machine. 1,921,450; Aug. 8.
- Boesch, William J. (See Meyer, F. L., Boesch, and Mehrings.)
- Boesel, Otto A., Ansonia, assignor to The H. A. Matthews Manufacturing Company, Seymour, Conn. Display reel for strip material. Des. 90,523; Aug. 22.
- Boesel, Otto A., Ansonia, assignor to The H. A. Matthews Manufacturing Company, Seymour, Conn. Catch for suitcases, boxes, chests, etc. 1,896,476; Feb. 7.
- Boesel, Otto A., Ansonia, assignor to The H. A. Matthews Manufacturing Company, Seymour, Conn. Cabinet for interfolded toilet paper, paper towels, etc. 1,906,306; May 2.
- Boesser, George F., Arlington, N. J. Combined camera and flash lamp. 1,932,098; Oct. 24.
- Boestad, Gustav K. W. (See Lysholm, A., and Roestad.)
- Boeswinkle, Bernard, Woodcliff, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Folding table. 1,916,823; July 4.
- Boeswinkle, Bernard, Woodcliff, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Folding table. 1,919,613; July 25.
- Boeye, Paul F., St. Paul, Minn., assignor to Waldorf Paper Products Company, Composite corrugated and solid fiber board. 1,896,037; Jan. 31.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 1,925,298; Sept. 5.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 1,928,660; Oct. 3.
- Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Packing structure for dry cells. 1,938,214; Dec. 5.
- Bogalusa Paper Company. (See Gillespie, W. F., and Wadsworth, assignors.)
- Bogardus, Claude C., Warsaw, Ky. Leg attaching device. 1,935,540; Nov. 14.
- Bogardus, Leonard R. (See Eckenrode, R. R., and Bogardus.)
- Bogart, Fred H., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Control for coolant supplies for machine tools. 1,930,035; Oct. 10.
- Bogart, Guy B., Lockport, Ill., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. Re18,862; June 6.
- Bogdány, Estanislaw. (See Gastón, A., and Bogdány.)
- Bögemann, Max. (See Orthner, L., and Bögemann.)
- Bögemann, Max. (See Orthner, L., Zaucker, and Bögemann.)
- Bögemann, Max., Cologne-Mulheim, C. Kreuter, Cologne-Nippes, and T. Weigel, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft Frankfurt-on-the-Main, Germany. Preserving of rubber. 1,933,962; Nov. 7.
- Böger, Otto, Dessau in Anhalt, and W. Müller, Leipzig, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Triarylmethane dyes. 1,898,523; Feb. 21.
- Bogert, John L., Brooklyn, N. Y. Vertical opposed cylinder internal combustion engine. 1,939,036; Dec. 12.
- Bogert, John L., Brooklyn, N. Y. Handling cargo in ships' holds. 1,939,037; Dec. 12.
- Boggs, Charles R., Waban, assignor to Simplex Wire and Cable Company, Boston, Mass. Electric cord and cable. 1,923,859; Aug. 22.
- Boggs, Elba O., et al. (See Bridge, William D., assignor.)
- Boggs Manufacturing Corporation. (See Ghent, William E., assignor.)
- Boggs, Robert, Daly City, Calif. Automatic door tightener. 1,900,328; Mar. 7.
- Bogin, Charles. (See Kelly, V., and Bogin.)
- Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Use of lactates in brushing lacquers. 1,927,539; Sept. 19.
- Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Architectural lacquer system. 1,937,484; Nov. 28.
- Bogin, Charles, Terre Haute, Ind., and V. Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Nongelling lacquer. 1,923,702; Aug. 22.
- Bogin, Charles, Terre Haute, Ind., and V. Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Nongelling lacquer. 1,923,703; Aug. 22.
- Bogle, John C., River Forest, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch and control circuit therefor. 1,908,009; May 9.
- Bogle, John C., River Forest, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrically controlled heating system. 1,908,493; May 9.
- Bogle, John C., River Forest, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch and control circuit therefor. 1,908,495; May 9.
- Bogle, John C., River Forest, Ill., and L. E. Koch, Elkhart, Ind., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch and control circuit therefor. 1,908,494; May 9.
- Bogley, Preston P., Chicago, Ill. Rubber clothespin. 1,905,958; Apr. 25.
- Bogopolsky, Jacques, Geneva-Acacias, Switzerland. Regulator device. 1,893,126; Jan. 3.
- Bogren, Edward C., Portland, Oreg. Convertible paper box. 1,905,992; Apr. 25.
- Bogue, Leonard E. (See Cole, D., and Bogue.)
- Bogut, Stanley, Chicago, Ill. Automatic air brake release valve. 1,922,417; Aug. 15.
- Bohanan, Collonus N., Honolulu, Hawaii. Combination shaving brush and soap container. 1,909,146; May 16.
- Bohart, George S., Berkeley, Calif. Apparatus for canning foods. 1,911,879; May 30.
- Bohlen, Charles, Jr., assignor to International Motor Company, New York, N. Y. Two-way positive engine hoist. 1,925,517; Sept. 5.
- Bohli, Jakob, assignor to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Electric starting motor. 1,910,588; May 23.
- Bohli, Jakob, assignor to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Magneto-electric ignition apparatus. 1,923,184; Aug. 22.
- Bohlin, Olof G., assignor to Helsingborgs Gummifabriks Aktiebolag, Helsingborg, Sweden. Rubber articles of every kind. 1,905,363; Apr. 25.
- Bohlman, Ernest A. (See Cook, H. R., and Bohlman.)
- Bohlman, Ernest A., assignor to Jefferson Electric Company, Chicago, Ill. Bracket. 1,919,767; July 25.
- Böhm, Otto, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indirectly heated cathode. 1,897,229; Feb. 14.
- Böhm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Fading elimination. 1,898,477; Feb. 21.
- Böhm, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving system. 1,899,493; Feb. 28.
- Böhm, Otto, R. Bechmann, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 1,912,754; June 6.
- Bohman, George L., New York, N. Y. Lid clamp for containers. 1,898,934; Feb. 21.
- Böhme, H. Th., A. G. (See Bertsch, Heinrich, assignor.)
- Böhme, H. Th., Aktiengesellschaft. (See Bertsch, Heinrich, assignor.)
- Böhme, H. Th., Aktiengesellschaft, the Firm. (See Bertsch, Heinrich, assignor.)
- Böhme, Dr. Martin, the Firm. (See Lang, Arno, assignor.)
- Bohmert, William C., Mamaroneck, N. Y. Binding paper sheets. 1,897,038; Feb. 14.
- Bohmert, William C., Mamaroneck, N. Y. Copying device. 1,930,605; Oct. 17.
- Bohmert, William C., Mamaroneck, N. Y. Memorandum pad. 1,931,140; Oct. 17.
- Bohmker, John C., Kankakee, Ill. Incubator. 1,893,694; Jan. 10.
- Bohn Aluminum and Brass Corporation. (See Barrett, John L., assignor.)
- Bohn Aluminum & Brass Corporation. (See Emery, H., and Irvine, assignors.)
- Bohn Aluminum and Brass Corporation. (See Fiegel, William J., assignor.)
- Bohn Aluminum and Brass Corporation. (See Fiegel, W. J., and Goerke, assignors.)
- Bohn Aluminum & Brass Corporation. (See Fiegel, W. J., and Enderich, assignors.)
- Bohn Aluminum & Brass Corporation. (See Jones, F. C., and Funk, assignors.)
- Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
- Bohn Aluminum & Brass Corporation. (See Radigan, John E., assignor.)
- Bohn, Gebhard C., assignor to H. Bohn, St. Paul, Minn. Refrigerator door. 1,923,701; Aug. 22.
- Bohn, Harold. (See Bohn, Gebhard C., assignor.)
- Bohn, L. T. (See Baldwin, George H., assignor.)
- Bohn, Ralph M., Evanston, Ill. Wheat flour diluent. 1,900,094; Mar. 7.
- Bohn, R. M., Evanston, and C. S. Miner, Glencoe, assignors to The Quaker Oats Company, Chicago, Ill. Producing a cereal product in a new form. 1,933,158; Oct. 31.
- Bohn, Walter A., Lakewood, assignor to Master Products Company, Cleveland, Ohio. Casing for a bearing. Des. 88,903; Jan. 3.
- Bohn, Walter A., Lakewood, assignor to Master Products Company, Cleveland, Ohio. Casing for a bearing. Des. 88,904; Jan. 3.
- Bohn, Walter A., Lakewood, assignor to Master Products Company, Cleveland, Ohio. Bearing. 1,909,747; May 16.
- Bohn, Walter A., Lakewood, assignor to The Master Products Company, Cleveland, Ohio. Bearing. 1,909,748; May 16.
- Bohn, Walter J. (See Gould, R. D., and Bohn.)
- Bohne, Julius W., Staples, Minn. Thermostatic switch. 1,909,250; May 16.

- Bohne, Wilhelm, Gelsenkirchen, Germany. Compass. 1,910,317; May 23.
- Bohner, Chance E., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Duplex integrating system. 1,911,346; May 30.
- Bohner, Chance E., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Signal blocker. 1,913,532; June 13.
- Bohner, Chance E., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Phase multiplier. 1,916,356; July 4.
- Bohnert, Stephen, Cleveland, Ohio. Smoker's cabinet. 1,921,652; Aug. 8.
- Bohnke, Herman C. (See Lauth, E. J., and Bohnke.)
- Bohnke, Herman C., assignor to Superior Paper Products Company, Carnegie, Pa. Shipping carton. 1,921,724; Aug. 8.
- Bohrer, Roy E., Normal, Ill. Front wheel drive mechanism. 1,934,163; Nov. 7.
- Boice, John E. (See Boice, William B. and J. E.)
- Boice, William B. and J. E., Toledo, Ohio. Adjusting device for saw arbors. 1,922,151; Aug. 15.
- Boice, William B. and J. E., Toledo, Ohio. Angle gauge. 1,925,477; Sept. 5.
- Boicey, James H. (See Watkins, G. B., and Boicey.)
- Bolbeau, Arthur H., Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Wilmington, Del. Aerating means for freezers and the like. 1,907,486; May 9.
- Bolbeau, Arthur H., assignor to Cherry-Burrell Corporation, Cedar Rapids, Iowa. Butter wrapping machine. 1,927,011; Sept. 19.
- Boirault, Louis, Paris, France. Automatic adjusting device for brake members. 1,937,683; Dec. 5.
- Boisselier, Earl D., assignor to American Flyer Mfg. Co., Chicago, Ill. Lighting system for toy locomotives. Re18,981; Oct. 24.
- Boisselier, Earl D., assignor to American Flyer Mfg. Co., Chicago, Ill. Lighting system for toy locomotives. 1,914,323; June 13.
- Boisselier, Earl D., assignor to American Flyer Manufacturing Company, Chicago, Ill. Headlight for toy locomotives. 1,914,324; June 13.
- Boisselier, Earl D., assignor to American Flyer Manufacturing Company, Chicago, Ill. Bell ringing means for toy locomotives. 1,933,004; Oct. 31.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge tube. 1,904,195; Apr. 18.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge tube. 1,916,408; July 4.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Radiocabinet. 1,920,741; Aug. 1.
- Bol, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Transmitting valve with a cooling device. 1,931,642; Oct. 24.
- Bolan, Robert S., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 1,908,308; May 9.
- Boland, Benjamin H., Port Edwards, and H. Lind, Wisconsin Rapids, Wis. Polishing device. 1,908,399; May 9.
- Boland, Paul, Brussels, assignor to Servo-Frein Dewandre Societe Anonyme, Liege, Belgium. Control device for operating mechanism. 1,906,222; May 2.
- Bolanz, Friedrich, Weil-on-the-Rhine, Germany. Arrangement of a clock on the steering element of motor vehicles. 1,931,811; Oct. 24.
- Bolas, Harold, Providence, R. I. Aircraft. 1,933,307; Oct. 31.
- Bolas, Harold, and R. J. G. Crouch, Bridgeport, Conn. Amphibian aircraft. 1,910,423; May 23.
- Bolcom, Clarence A., Ionia, Mich. Safety attachment for aeroplanes. 1,905,337; Apr. 25.
- Boldingh, Willem H. (See Bouwers, A., and Boldingh.)
- Boldingh, Willem H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Making X-ray photographs. 1,933,652; Nov. 7.
- Boldman, James E., and A. H. Fitzgerald, assignors to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Core for paper rolls. 1,908,108; May 9.
- Boldt, Edward C., Minneapolis, Minn. Valve for two line steam heating systems. 1,936,125; Nov. 21.
- Boldt, Paul E., Palo Alto, Calif. Combined fireplace throat and damper. 1,928,165; Sept. 26.
- Bole, George A. (See Husain, T., and Bole.)
- Bole, George A., and J. D. Sullivan, assignors to Battelle Memorial Institute, Columbus, Ohio. Sheet metal faced structural and insulating unit. 1,934,788; Nov. 14.
- Bolen, Emerson A., assignor to Northwestern Corporation, Morris, Ill. Coin detector. 1,922,925; Aug. 15.
- Bolen, Emerson A., assignor to Northwestern Corporation, Morris, Ill. Stamp vending machine. 1,933,840; Nov. 7.
- Bolens, Harry W. (See Giblin, Marc A., assignor.)
- Bolens, Harry W., Port Washington, Wis. Chair irons. 1,893,929; Jan. 10.
- Bolens, Harry W., Port Washington, Wis. Hydraulic jack. 1,902,827; Mar. 28.
- Bolens, Harry W., Port Washington, Wis. Lifting element for hydraulic jacks. 1,925,652; Sept. 5.
- Bolens, Harry W., Port Washington, Wis. Mower and the like. 1,927,152; Sept. 19.
- Boley, Roy A., Indianapolis, Ind., assignor to J. B. Colt Company. Acetylene generator. 1,902,757; Mar. 21.
- Bolgiano, Charles W. (See Jenkins, Homer T., assignor.)
- Bolhuis, Frank, Holland, Mich. Drawer guide. 1,896,346; Feb. 7.
- Bolich, Daniel B., Skidmore, Mo. Reading stand. 1,892,745; Jan. 3.
- Bolin, Charles D., St. Louis, Mo. Heat regulator. 1,913,972; June 13.
- Bolin, Marcel. (See Bradley, A. B., and Bolin.)
- Bolin, Sven G., Chicago, Ill. Furniture brace. 1,907,720; May 9.
- Bollnders, J. & C. G., Mekaniska Verstdads Aktiebolag. (See Osterberg, Karl E. R., assignor.)
- Bolinger, Ernest E., Emmett, Idaho. Folding stand for washing machines. 1,911,673; May 30.
- Boljahn, Adolf W. C., Jersey City, N. J., assignor to Wired Radio, Inc., New York, N. Y. Radio receiving system. 1,902,352; Mar. 21.
- Boll, Lester P., University City, assignor to W. N. Matthews Corporation, St. Louis, Mo. Hanger. 1,925,624; Sept. 5.
- Boll, Lester P., University City, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 1,940,575; Dec. 19.
- Bollens, Walter F., and R. C. Newton, assignors to Swift & Company, Chicago, Ill. Chilling shortening agents. 1,911,222; May 30.
- Boller, Alexander, New York, N. Y. Back seat for automobiles. 1,896,477; Feb. 7.
- Boller, Alexander, assignor of one-fourth to J. T. Baschies, New York, N. Y. Cigarette snuffing device and tray. 1,934,401; Nov. 7.
- Bolles, Seward R., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for treating hydrocarbons. 1,904,196; Apr. 18.
- Bolling, John E., deceased, East Orange, N. J., Mary W. Bolling, administratrix. Humidifier for heating systems. 1,939,655; Dec. 19.
- Bolling, Mary W., administratrix. (See Bolling, John E., assignor.)
- Bollinger, Claude A., Gary, Ind., and J. P. Rodgers, Martins Ferry, Ohio, assignors to American Sheet and Tin Plate Company. Tinning machine. 1,933,136; Oct. 31.
- Bollinger, Paul, Wilkinsburg, and H. F. Hartman, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Rocker ring. 1,934,521; Nov. 7.
- Bollinger, William A., Pittsburgh, Pa. Heating apparatus. 1,905,550; Apr. 25.
- Bollman, John H., North Bergen, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency control system. 1,934,400; Nov. 7.
- Bollman, Roland R., Mount Washington, and C. L. Ornes, Cincinnati, Ohio, assignors to The Perfect Manufacturing Company, Cincinnati, Ohio. Method and material for repairing shoes. 1,913,328; June 6.
- Bollmann, Hermann, and A. Schwieger, assignors to Hanseatische Muehlenwerke Aktiengesellschaft, Hamburg, Germany. Refinement of vegetable phosphatides. 1,893,393; Jan. 3.
- Bollmann, Hermann, and W. Engelmann, Hamburg, Germany. Recovery of sulphur from gas purifying materials. 1,925,027; Aug. 29.
- Bollmann, Karl, Zurich, Switzerland, assignor to Landis and Gyr, A.-G. Electromagnet. 1,908,728; May 16.
- Bollweg, Bernhard. (See Kramer, E., Bollweg, and Zeh.)
- Bollweg, Bernhard, Leverkusen-on-the-Rhine, L. Zeh, Wiesdorf-on-the-Rhine, and E. Kramer, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Binaphthylenedioxide compounds. 1,894,365; Jan. 17.
- Bolt, Malon C., East Radford, Va., assignor to The American Valve and Meter Company, Cincinnati, Ohio. Lubricating car wheels and rails. 1,940,527; Dec. 19.
- Bolton, Arthur, Gateshead, England. Automatic friction clutch. 1,906,522; May 2.
- Bolton, Arthur, Gateshead, assignor of one-half to J. English, North Leam, England. Automatic friction clutch. 1,922,350; Aug. 15.
- Bolton, Charles H. (See Foothorap, H. A., Bolton, and Carter.)
- Bolton, David J., Monterey, assignor to Theatre Script-stamp Corporation of America, San Francisco, Calif. Merchant's trading stamp. Des. 90,524; Aug. 22.
- Bolton, Floyd G., assignor to McMillan Book Company, Syracuse, N. Y. Bookbinding. 1,908,109; May 9.
- Bolton, Joseph, Windsor, Ontario, Canada. Wrench. 1,898,420; Feb. 21.
- Bolz, Charles, Pleasant Grove, N. J. Collapsible tube dispensing means. 1,894,152; Jan. 10.
- Bombard, Joseph A., and R. J. Rogers, Saranac Lake, N. Y. Automobile ventilator. 1,918,630; July 18.
- Bomberger, George E., Indianapolis, Ind. Egg case. 1,932,240; Oct. 24.
- Bomberger, George E., assignor to Inland Container Corporation, Indianapolis, Ind. Corner construction. 1,921,150; Aug. 8.
- Bommer, Emil, Brooklyn, N. Y. Door hinge. 1,904,120; Apr. 18.
- Bommer, Emil, Brooklyn, N. Y. Spring hinge and adjustable leaf. 1,924,537; Aug. 29.
- Bommer, Max. (See Huaser, H., and Bommer.)

- Bonamico, Charles, Versailles, France, assignor to H. Wade, London, England. Apparatus for applying coatings to surfaces particularly to the surfaces of flexible strip material. 1,929,877; Oct. 10.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Remote control system. 1,897,748; Feb. 14.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Remote control system. 1,897,749; Feb. 14.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Current collector for toy locomotives. 1,918,795; July 18.
- Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Current collector for toy locomotives. 1,918,796; July 18.
- Bonanno, Joseph L., assignor to Radio Corporation of America, Forest Hills, N. Y. Fine adjustment for potentiometers. 1,919,614; July 25.
- Bonat, Harry, et al. (See Lippert, Walter E., assignor.)
- Bonat, Harry, New York, N. Y. Hair waving accessory. 1,915,268; June 27.
- Bonat, Harry, New York, N. Y. Waving hair. 1,921,802; Aug. 8.
- Bonat, Samuel, et al. (See Lippert, Walter E., assignor.)
- Bond, Albert E., Seven Kings, assignor to Rubber Cement Products Limited, London, England. Rubber composition. 1,940,528; Dec. 19.
- Bond, Clarke, Los Angeles, Calif. Radio apparatus. 1,939,536; Dec. 12.
- Bond, Donald S., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,913,427; June 13.
- Bond, Donald S., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of vapor electric devices. 1,918,244; July 18.
- Bond, Donald S., Chicago, Ill., C. S. Fuller, Summit, and C. L. Erickson, Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing apparatus. 1,938,684; Dec. 12.
- Bond, Donald S., Brooklyn, N. Y., and K. S. Cadmus, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,941,074; Dec. 26.
- Bond Electric Corporation. (See Barber, George H., assignor.)
- Bond Electric Corporation. (See Barber, G. H., Stimson, and Pratt, assignors.)
- Bond Electric Corporation. (See Pratt, Goodrich B., assignor.)
- Bond Electric Corporation. (See Sokolow, Samuel, assignor.)
- Bond Electric Corporation. (See Stimson, Frank G., assignor.)
- Bond Foundry and Machine Company. (See Noros, George C., assignor.)
- Bond, Harlan A., Metuchen, N. J., assignor, by mesne assignments, to The Roessler and Hasslacher Chemical Company, New York, N. Y. Concentration of formaldehyde solutions. 1,905,033; Apr. 25.
- Bond, Harlan A., Niagara Falls, N. Y., and L. B. Smith, Woodbridge, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Oxidation catalyst. 1,937,381; Nov. 28.
- Bond, Lewis A., Los Angeles, assignor to Shell Oil Company, San Francisco, Calif. Method of and apparatus for determining true rock temperature in rotary drilled wells. 1,901,431; Mar. 14.
- Bond Manufacturing Corporation. (See Carter, Horace J., assignor.)
- Bond Manufacturing Corporation. (See Kersey, Leon N., assignor.)
- Bond, Raymond W., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 1,931,427; Oct. 17.
- Bond, Richard A., Chagrin Falls, Ohio, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Apparatus for making holding devices for printing members. 1,896,156; Feb. 7.
- Bond, Samuel C., Holly Oak, Del., assignor to The Henry P. Scott Company. Feeding mechanism for extrusion machines. 1,936,285; Nov. 21.
- Bond, William G., Wilmington, Del. Cork manufacture. 1,904,197; Apr. 18.
- Bondy, Hugo A., Ridgewood, N. J. Glove. 1,893,394; Jan. 3.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,894,728; Jan. 17.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling railway switches. 1,895,067; Jan. 24.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,896,050; Jan. 31.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,906,523; May 2.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling railway switches. 1,908,504; May 9.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Clutch device. 1,923,568; Aug. 22.
- Bone, Herbert L., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,927,201; Sept. 19.
- Bolgiano, Charles W. (See Jenkins, Homer T., assignor.)
- Bone, Walter H., Kansas City, Mo. Cable repair carriage. 1,909,742; May 16.
- Bonfils, Frederick W. (See Bergstrom, H. B., Bonfils, De George, and Tuckman.)
- Bongardt, Ernst, Mainz-on-the-Rhine, Germany. Method of and machine for conveying concrete. 1,940,529; Dec. 19.
- Bonge, Fred, Seattle, Wash. Towing device. 1,902,212; Mar. 21.
- Bongiovanni, Antonio, and O. Zacamy, Philadelphia, assignors of one-third to Salvatore Gaglione, Collingdale, Pa. Hair singeing torch. 1,937,624; Dec. 5.
- Bonhôte, Géraud. (See de Montmollin G., Danuser, Bonhôte, and Johner.)
- Bonôte, Géraud, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 1,925,746; Sept. 5.
- Bonicot Corporation of America. (See Herrmann, Karl, assignor.)
- Bonicot Corporation of America. (See Sternberg, Karl, assignor.)
- Bonine, Charles E., Melrose Park, assignor to J. H. Bell, Philadelphia, Pa. Refrigerator. 1,914,349; June 13.
- Bönninger, Moritz H., Darmstadt, Germany. Toy. 1,914,938; June 20.
- Bonish, Leo A., Detroit, Mich. Developing and printing tray. 1,937,422; Nov. 28.
- Bonnaccorsi, Joseph J., assignor, by mesne assignments, of one-half to Santo Salamone, New York, N. Y. Electric smokeless roaster. 1,896,537; Feb. 7.
- Bonnafé, Oliver W., Lynn, assignor to New England Road Machinery Company, Boston, Mass. Crusher. 1,912,030; May 30.
- Bonnar-Vawter Fanform Company. (See Kreis, Joseph D., assignor.)
- Bonnar-Vawter Fanform Company, Inc. (See Steenrod, William J., assignor.)
- Bonnatti, Anthony C., et al. (See Pirrone, Antonio L. M., assignor.)
- Bonner, Daniel B., Philadelphia, Pa. Thread printing apparatus. 1,905,138; Apr. 25.
- Bonner, Joseph C., Toledo, Ohio. Freight transportation. 1,926,427; Sept. 12.
- Bonnet, Clement, Menominee, Ill. Scaffold. 1,901,726; Mar. 14.
- Bonney-Floyd Company, The. (See Edmunds, Glenn E., assignor.)
- Bonney-Floyd Company, The. (See Gregg, A. W., and Frank, assignors.)
- Bonney-Floyd Company, The. (See Mitchell, H. A., and Cawthon, assignors.)
- Bonney, Robert D., Glen Ridge, and W. S. Egge, Newark, N. J., assignors to Congoleum-Nairn, Inc. Linoleum cement. 1,927,540; Sept. 19.
- Bonnin, Raymond A., Charlottesville, Va. Pattern forming reed for looms. 1,910,946; May 23.
- Bonnot Company, The. (See Bonnot, Louis C., assignor.)
- Bonnot Company, The. (See Lentz, George W., assignor.)
- Bonnot, Louis C., Louisville, assignor to The Bonnot Company, Canton, Ohio. Plastic material manufacture. 1,931,371; Oct. 17.
- Bonomo, Albert, Brooklyn, N. Y. Candy box. Des. 91,232; Dec. 26.
- Bonorden, Allen R., Fanwood, N. J., assignor to American Telephone and Telegraph Company. Coin-controlled device. 1,934,679; Nov. 14.
- Bonotto, Michele, Turin, Italy, assignor, by mesne assignments, to American Hoya Products Corporation, Evansville, Ind. Bread-leavening composition. 1,914,478; June 20.
- Bonsack, Walter, assignor to The National Smelting Company, Cleveland, Ohio. Improving aluminum and alloys thereof. 1,920,963; Aug. 8.
- Bonsack, Walter, assignor to The National Smelting Company, Cleveland, Ohio. Improving aluminum and alloys thereof. 1,921,998; Aug. 8.
- Bonsall, Charles D., assignor to P. H. Murphy Company, New Kensington, Pa. Load lifting arrangement. 1,905,678; Apr. 25.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,906,524; May 2.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Making sheets. 1,915,084; June 20.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,915,773; June 27.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,921,803; Aug. 8.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,921,804; Aug. 8.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,928,615; Oct. 3.
- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,937,308; Nov. 28.

- Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,937,309; Nov. 28.
- Bonsieur, Le, assignor to The General Industries Company, Elyria, Ohio. Fish line reel. 1,904,849; Apr. 18.
- Bontempi, Giuseppe. (See Guidetti, F., and Bontempi.)
- Bontempi, Giuseppe, Grantwood, N. J. Salvage apparatus. 1,912,428; June 6.
- Bonter, Oscar H. (See Jadgmann, K. E. W., and Bonter.)
- Book, Frank J., Huntington, Ind. Chest. 1,894,849; Jan. 17.
- Book, John H., Lancaster, Pa. Grading machine. 1,917,088; July 4.
- Book and Quill Lending Library and Bookshop, Incorporated. (See Eberhard, Robert G., assignor.)
- Bookman, Sidney M., New York, N. Y. Scouring device. 1,899,552; Feb. 28.
- Bookman, Sidney M., New York, N. Y. Abradant unit. 1,912,685; June 6.
- Bookman, Sidney M., New York, N. Y. Scraping tool handle. 1,917,490; July 11.
- Boomer, Frank, Berkeley, Calif. Nut hulling machine. 1,901,798; Mar. 14.
- Boomershine, Adam, Dayton, Ohio. Stretching and securing means for flexible material. 1,895,309; Jan. 24.
- Boomershine, Adam, assignor to one-half to G. W. Nicholas, Dayton, Ohio. Dispensing apparatus. 1,893,725; Jan. 10.
- Boone, Charles G., assignor to Magic City Specialty Company, Tulsa, Okla. Pump. 1,927,734; Sept. 19.
- Boone, Charles G., assignor to Magic City Specialty Company, Tulsa, Okla. Centrifugal oil well pump. 1,930,381; Oct. 10.
- Boonton Manufacturing Company. (See Scribner, George K., assignor.)
- Boonton Molding Company. (See Scribner, George K., assignor.)
- Boore, Ernst, Copenhagen, Denmark, assignor to General Electric Company. Circuit breaker control system. 1,899,553; Feb. 28.
- Boore, Leslie R., Minneapolis, Minn. Card game indicator. 1,932,442; Oct. 31.
- Boorne, William H., Carshalton, England. Production of a molding powder. 1,910,318; May 23.
- Boosey, Edward W. N., Detroit, Mich. Fire extinguisher hand hole and cover. 1,898,117; Feb. 21.
- Boosey, Edward W. N., Detroit, Mich. Back water floor drain. 1,908,819; May 16.
- Booth, Augustus C., San Francisco, Calif. Fruit packing device. 1,927,698; Sept. 19.
- Booth, Byron C. (See Tichenor, C. M., and Booth.)
- Booth, Charles F., Anniston, Ala., assignor to Swann Research, Incorporated. Preparation of pure phosphates. 1,901,020; Mar. 14.
- Booth, Charles F., Anniston, Ala., assignor to Swann Research Incorporated. Hydrolysis of chlorinated diphenyls. 1,925,367; Sept. 5.
- Booth, Charles F., Anniston, Ala., assignor to Swann Research, Incorporated. Producing pure phosphates. 1,929,476; Oct. 10.
- Booth, Clement. (See Haas, F. S., and Booth.)
- Booth, Clement, Cincinnati, Ohio, assignor, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,916,916; July 4.
- Booth, Clement, Cincinnati, Ohio, assignor, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,916,917; July 4.
- Booth, Clement, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,919,144; July 18.
- Booth, Clement, Cincinnati, Ohio, assignor, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,919,615; July 25.
- Booth, Clement, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,756; Dec. 12.
- Booth, David N., New York, N. Y. Toothbrush. 1,894,509; Jan. 17.
- Booth, Earl C. (See Noblitt, G. G., and Booth.)
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Automobile-radio control unit. Des. 90,306; July 18.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Mounting for rear-vision mirrors. 1,934,223; Nov. 7.
- Booth, Frank A., El Segundo, Calif. Timing mechanism. 1,892,928; Jan. 3.
- Booth, George M. (See Booth, Levis M. and G. M.)
- Booth, Harold S., G. G. Torrey, and M. Merlue-Sobel, Cleveland Heights, Ohio. Electrolytic deposition of metals. 1,893,221; Jan. 3.
- Booth, Harold S., and G. G. Torrey, Cleveland Heights, Ohio. Dehydrating, without decomposition, hydrated salts. 1,920,289; Aug. 1.
- Booth, Harry T., Freeport, N. Y. Engine exhaust. 1,908,679; May 16.
- Booth, Harry T., Freeport, N. Y. Flying machine. 1,917,574; July 11.
- Booth, James D., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Tube-voltmeter. 1,907,487; May 9.
- Booth, James M. (See Davis, P. W., and Booth.)
- Booth, John B., Croydon Park, New South Wales, Australia. Liquid and semi-liquid container. 1,926,367; Sept. 12.
- Booth, John S., Dallas, Tex., assignor to Zero Plate Corporation. Refrigerator and cooling unit therefor. 1,913,931; June 13.
- Booth, Lance E., Roselle, N. J., assignor to Gold Dust Corporation, New York, N. Y. Cut-out for dolls. Des. 90,014; May 30.
- Booth, Leonard D. (See Walker, C. A., and Booth.)
- Booth, Levis M. and G. M., Plainfield, assignors to Wallace & Tiernan Company, Inc., Belleville, N. J. Feeding device for solid substances. 1,907,721; May 9.
- Booth, Margaret, New York, N. Y. Foot rail. 1,919,583; July 25.
- Booth, Morris F., Chicago, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Cooling unit for refrigerating systems. 1,893,321; Jan. 3.
- Booth, Richard N., London, England, assignor to "Société Anonyme pour l'Exploitation des Papeteries L. Lacroix fils", Angoulême, (Charente) France. Hand operated cigarette making machine. 1,909,749; May 16.
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Vehicle wheel. 1,901,077; Mar. 14.
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Vehicle wheel. 1,903,567; Apr. 11.
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Vehicle wheel. 1,906,307; May 2.
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Assembling apparatus. 1,913,065; June 6.
- Booth, William N., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Forming suspension wire wheels. 1,923,476; Aug. 22.
- Booth, Willis H. (See Davis, Henry K. B., assignor.)
- Booton, Leon W. (See Corwin, F. R., and Booton.)
- Boott Mills. (See Gionet, A. W., and Higginbottom, assignors.)
- Boozer, Douglas G. (See James, H. D., and Boozer.)
- Bopf, Edward C., assignor to Deere & Company, Moline, Ill. Tractor. 1,912,031; May 30.
- Bogust, Edward O., and W. E. F. Straubel, West New York, N. J. Stereoculator. 1,918,177; July 11.
- Borax Consolidated Limited. (See Kelly, Andrew, assignor.)
- Borchard, Carl, Detroit, Mich. Bed-like casket. 1,906,310; May 2.
- Borchardt, Edward C., assignor to Cosby-Wirth Manifold Book Company, Minneapolis, Minn. Manifold record machine. 1,895,021; Jan. 24.
- Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifold machine. 1,916,164; June 27.
- Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifold machine. 1,930,447; Oct. 10.
- Borchers, William J. (See Richardson, Arthur J., assignor.)
- Borchert, Fred L., Rockford, Ill. Filling and capping machine. 1,913,743; June 13.
- Borchert, Fred L., Rockford, Ill. Wrapping mechanism. 1,931,787; Oct. 24.
- Bordeaux, Ephraim P., assignor to Perfection Steel Body Company, Galion, Ohio. Dumping truck. 1,940,043; Dec. 19.
- Borden, Arthur G., assignor to The Borden Method, Inc., Washington, D. C. Hair waving apparatus. 1,936,580; Nov. 28.
- Borden Company, The. (See Barnes, John S., assignor.)
- Borden Company, The. (See Green, Lee B., assignor.)
- Borden Company, The. (See Lockwood, Edwin J., assignor.)
- Borden Company, The. (See McClatchie, John M., assignor.)
- Borden Company, The. (See Taylor, Burt E., assignor.)
- Borden, Harry, Brooklyn, N. Y. Wrinkleproof rug edge reinforcing binding. 1,917,425; July 11.
- Borden, John F., Berkeley, assignor to Oliver United Filters Inc., San Francisco, Calif. Thickener. 1,940,993; Dec. 26.
- Borden, Joseph H., assignor to Atlantic Elevator Company, Philadelphia, Pa. Method of and apparatus for landing cars. 1,939,656; Dec. 19.
- Borden, M. C. D., & Sons, Inc. (See Meyers, Edward G., assignor.)
- Borden Method, Inc., The. (See Borden, Arthur G., assignor.)
- Borden, Moro M., Collingswood, N. J., assignor to Simplex Valve & Meter Company, Philadelphia, Pa. Flow controller. 1,900,273; Mar. 7.
- Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Air vacuum valve combined with air release valve. 1,936,537; Nov. 21.
- Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Fluid proportion controller. 1,936,538; Nov. 21.
- Borden, Stephen W. (See Olley, R. H., and Borden, assignors.)
- Borden, Stephen W. (See Roe, Ralph C., assignor.)
- Borden, Stephen W., assignor, by mesne assignments, to Stephen W. Borden, Summit, N. J. Electrical ground connector. 1,914,554; June 20.
- Borden, William E., deceased, Mowrystown, Ohio, G. A. Long, administrator. Lock. 1,927,332; Sept. 19.

- Border, Harley O. (See Keller, J. W., and Border.)
 Bordier, Marcel A. L., Paris, France. Surgical apparatus. 1,913,229; June 6.
 Bordon, Perry A., assignor to The Bristol Company, Waterbury, Conn. Time-cycle controller. 1,926,190; Sept. 12.
 Bordini, Ferdinando, Rome, Italy. Helicopter. 1,921,805; Aug. 8.
 Boreham, Alfred W., Cheam, England. Gaiter or leggings. 1,916,936; June 27.
 Borg & Beck Company, The. (See Gamble, David E., assignor.)
 Borg & Beck Company, The. (See Nutt, Harold, assignor.)
 Borg & Beck Company, The. (See Nutt, H. & H. V. Reed, assignors.)
 Borg, Erik, et al. (See Anderson, Carl J., assignor.)
 Borg-Warner Corporation. (See Hawkins, Raymond L., assignor.)
 Borg-Warner Corporation. (See Lyman, Kenneth E., assignor.)
 Borg-Warner Corporation. (See Miller, Kay, assignor.)
 Borg-Warner Corporation. (See Thelander, Carl A., assignor.)
 Borgen, Olai, Renner, S. Dak. Elevating device. 1,898,711; Feb. 21.
 Borgeson, Charles A., San Francisco, Calif. Gas saver. 1,902,275; Mar. 21.
 Borgfeldt, Geo., & Co. (See Fox, Oscar W., assignor.)
 Borglin, Joseph N., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,894,975; Jan. 24.
 Borglin, Joseph N., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,901,626; Mar. 14.
 Borgström, Harry O. (See Appleberg, C. W., and Borgström.)
 Borgwardt, Erich. (See Schoeller, W., Schwenk, and Borgwardt.)
 Borgwardt, Erich. (See Schwenk, E., and Borgwardt.)
 Bori, Antonio B., and J. M. Estape, Habana, Cuba, assignors to said Estape. Preparing cellulose. 1,920,239; Aug. 1.
 Borias, Paul, assignor to Societe Francaise Radio Electrique, Paris, France. Multistage amplifier. 1,917,426; July 11.
 Borland, Bruce, Chicago, Ill. Seal. 1,905,139; Apr. 25.
 Borland, Charles W., Maywood, Ill. Valve spring retainer tool. 1,901,727; Mar. 14.
 Borletti, Senatore, Milan, Italy. Bobbin winding device. 1,912,250; May 30.
 Borman, John W., Glen Ridge, N. J., assignor to H. H. Fries, doing business as Fries Bros., New York, N. Y. Artificial musk. 1,926,080; Sept. 12.
 Born, Alfred, Magdeburg, assignor to the firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Extrusion press for the production of rod or tube-shaped bodies. 1,935,286; Nov. 14.
 Born, Esther F., executrix. (See Baum, Frank G.)
 Bornand, Emilien, and H. A. Schlaepfer, Geneva, Switzerland. Casting metals. 1,918,734; July 18.
 Borneman, Marjorie, Upper Darby, Pa. Corset. 1,927,357; Sept. 19.
 Bornemann, Johann H., Spandau-Ruhleben, Germany. Braiding machine and the like. 1,906,946; May 2.
 Bornfreund, Louis, Brooklyn, N. Y. Winding indicator and limiting mechanism. 1,937,310; Nov. 28.
 Bornholt, Adolph, Yellow Grass, Saskatchewan, Canada. Automatic pressure pump. 1,931,839; Oct. 24.
 Bornkessel, Bruno, E. Breiting, W. Brauer, and K. A. Lehmann, Essen, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Bookkeeping machine. 1,896,936; Feb. 7.
 Bornmann, Carl A., assignor to Agfa AnSCO Corporation, Binghamton, N. Y. Combined view finder and catch for cameras. 1,903,434; Apr. 11.
 Bornmann, Carl A., assignor to Agfa AnSCO Corporation, Binghamton, N. Y. Intermittent movement. 1,914,398; June 20.
 Bornmann, Carl, assignor to Agfa AnSCO Corporation, Binghamton, N. Y. Film receptacle. 1,930,335; Oct. 10.
 Bornmann, Carl, and B. C. Roehrl, assignors to Agfa AnSCO Corporation, Binghamton, N. Y. Folding camera. 1,937,053; Nov. 28.
 Bornmann, Carl A., assignor to Agfa AnSCO Corporation, Binghamton, N. Y. Camera body. 1,930,334; Oct. 10.
 Bornstein, Joseph, Boston, assignor to L. Bornstein & Co., Quincy, Mass. Wiper mechanism for windshields and the like. 1,917,200; July 4.
 Bornstein, Joseph, Boston, assignor to L. Bornstein, Quincy, Mass. Wiper mechanism for windshields and the like. 1,917,201; July 4.
 Bornstein, Joseph, Boston, assignor to Louis Bornstein, Quincy, Mass. Wiper mechanism for windshields and the like. 1,919,411; July 25.
 Bornstein, Louis. (See Bornstein, Joseph, assignor.)
 Bornstein, Morris, Kingston, Pa. Harness heddle washer. 1,912,063; May 30.
 Borocki, Georg, Vienna, Austria. Universal hoeing and cultivating machine. 1,897,885; Feb. 14.
 Borokoff, Louis, Brooklyn, N. Y. Bottle. Des. 90,433; Aug. 8.
 Borovicka, John, Hubbard Woods, Ill. Plant marker. 1,896,695; Feb. 7.
 Borowsky, Isadore, Atlantic City, N. J. Bath apparatus. 1,896,938; Feb. 7.
 Borquist, Sterling B., and H. H. Hicks, Helix, Ore. Bulk grain attachment for combines. 1,914,821; June 20.
 Borroughs, Joseph N. (See Trewitt, J. E., and Borroughs.)
 Borroughs, Joseph N., Oakland, Calif. Toy. 1,895,068; Jan. 24.
 Borroughs, Joseph N., Piedmont, and C. A. Old, assignors to Oakland-California Towel Company, Oakland, Calif. Automatic towel cabinet. 1,909,804; May 16.
 Borshowa, John A., Chicago, Ill. Radiator ornament. Des. 91,052; Nov. 21.
 Borsig, A., G. m. b. H. (See Ochel, Wilhelm, assignor.)
 Borsigwerk Aktiengesellschaft. (See Gorschluer, F., and Pohl, assignors.)
 Borth, Walter, Chemnitz, Germany. Magnesium lamp for photographic purposes. 1,909,567; May 16.
 Borthwick, James H., Honolulu, Territory of Hawaii. Supercharger for carburetors. 1,922,469; Aug. 15.
 Bortkewicz, Louie, Joffre, Pa. Bit-forging apparatus. 1,937,625; Dec. 5.
 Bortner, Norman S., Baltimore, Md. Perimeter delineator. 1,893,793; Jan. 10.
 Borton, Alwyn E., South Orange, N. J., assignor, by mesne assignments, to Associated Patentees, Inc. Machine for forming and fastening. 1,919,999; July 25.
 Borton, George W., New Lisbon, N. J., assignor to Pennsylvania Crusher Company, New York, N. Y. Coal breaker. 1,906,734; May 2.
 Borusky, Joseph J. (See Clarke, W. W., and Borusky.)
 Borwick, Arthur H. (See Hughes, E. R., and Borwick.)
 Bosch, Alberto, Habana, Cuba. Anchor for boats. 1,902,393; Mar. 21.
 Bosch, Robert, Aktiengesellschaft. (See Allendorff, Fritz, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Allendorff, F., and Schweizer, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Arnold, H., and Holm, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Arnold, H., and Lutscher, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Baur, O., and Lempp, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Beer, K., Klaiber, and Arnold, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Callsen, Albert, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Dorn, Walter, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Durst, E., and Ehret, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Gauss, O., and Kurz, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Hegwein, Georg, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Holm, Ludwig, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Kazenmaier, August, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Klaiber, Erich, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Kleinert, Karl, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Linder, R., and Sturm, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Lorenze, Max, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Mangold, Rudolf, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Pfrommer, G., and Strotbeck, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Rall, Max, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Rall, M., and Walther, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Rehm, A., and Schweizer, assignors.)
 Bosch, Robert, Aktiengesellschaft. (See Selling, Otto, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Stockmeyer, Friedrich W., assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Walther, Wilhelm, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Werner, Gustav, assignor.)
 Bosch, Robert, Aktiengesellschaft. (See Widmaier, Otto, assignor.)
 Bosco, George B. (See Whipple, Melvin M., assignor.)
 Bosco, Giovanni, New York, N. Y. Claw hammer. 1,934,680; Nov. 14.
 Bosland, Herman S., Paterson, N. J., and F. G. La Plana, Forest Hills, N. Y., assignors to Stein, Hall & Company, Inc. Casein composition for treating artificial silk yarns and threads or filaments. 1,914,989; June 20.
 Bosler, Wilson T., assignor to The U. G. I. Contracting Company, Philadelphia, Pa. Apparatus for cooling coke. 1,893,468; Jan. 3.
 Bosonworth, George P. (See Brown, R. W., and Bosonworth.)
 Bosquet, Euclid W. (See Salzberg, P. L., and Bosquet.)
 Boss, Arthur E., Fairlawn, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition. 1,895,910; Jan. 31.

- Boss, Lester F. (See Blackwood, O. H., and Boss.)
 Boss Manufacturing Company, The. (See Shiner, Calvin J., assignor.)
 Bossard, Gisbert L., assignor to General Kontrolar Company, Inc., Dayton, Ohio. Chime. 1,924,395; Aug. 29.
 Bossard, Gisbert L., assignor, by mesne assignments, to The Leland Electric Company, Dayton, Ohio. Electric motor. 1,934,963; Nov. 14.
 Bossart, Juan. (See Rivas, R. L., and Iribarne, assignors.)
 Bossart, Otto A., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchange device. 1,922,838; Aug. 15.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric train signaling system. 1,900,405; Mar. 7.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric train signaling system. 1,900,412; Mar. 7.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical amplifier. 1,905,209; Apr. 25.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,907,722; May 9.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical distance measuring apparatus and method. 1,940,114; Dec. 19.
 Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of vibrating generators. 1,940,386; Dec. 19.
 Bosserdet, Alfred E., and E. Hunter, Detroit, Mich. Coffin conveying device. 1,931,484; Oct. 24.
 Bossert, Theodore W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum manganese alloy. 1,928,641; Oct. 5.
 Bosshard, Max, assignor to Aluminum Industrie Aktiengesellschaft, Neuchâten, Switzerland. Light aluminum alloy. 1,899,133; Feb. 28.
 Bosshardt, Karl, assignor to Hermann Uteg, Metallwaren G. m. b. H., Berlin, Germany. Apparatus for supplying fuel to footless carburetors. 1,898,811; Feb. 21.
 Bossie, Charles S., assignor to Perfection Appliances Inc., New York, N. Y. Washing machine. 1,896,347; Feb. 7.
 Bossing, Edward W., Brookfield, Ill. Microscopic projector. 1,920,183; Aug. 1.
 Bossini, Raoul F. (See Maiuri, G., and Bossini.)
 Bosson, George C., Jr., Cambridge, Mass. Combined tent and hood-garment. 1,895,911; Jan. 31.
 Bostick, John E., et al. (See Keefe, Lonnie L., assignor.)
 Boston Blacking & Chemical Co. (See Nash, Russell K., assignor.)
 Boston Machine Works Company. (See Holmes, Raymond J., assignor.)
 Boston Machine Works Company. (See Herbster, Benjamin H., assignor.)
 Boston Machine Works Company. (See Osgood, Walter P., assignor.)
 Boston Rubber Shoe Company. (See Patten, Ernest L., assignor.)
 Boston Wire Stitcher Company. (See Bickford, Herbert A., assignor.)
 Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
 Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
 Boston Woven Hose and Rubber Company. (See Baker, Walter J., assignor.)
 Bostroem, August. (See Obermeyer, J., and Bostroem.)
 Bostroem, August, Brooklyn, N. Y., assignor, by mesne assignments, to Faries Manufacturing Company, Decatur, Ill. Light filter. 1,924,538; Aug. 29.
 Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Vulcanizer. 1,894,017; Jan. 10.
 Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Adjustable tire core. 1,896,214; Feb. 7.
 Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible drum. 1,896,280; Feb. 7.
 Bostwick, Lee G., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,895,441; Jan. 31.
 Bostwick, Lee G., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing device. 1,907,723; May 9.
 Bostwick, Lee G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,917,013; July 4.
 Bostwick, Thomas J., assignor to Aluminum Company of America, Pittsburgh, Pa. Bus bar. 1,915,918; June 27.
 Boswell, Fox M., et al. (See Lynn, H. E., and Lambert, Jr., assignors.)
 Bosworth, Mark R., Minneapolis, Minn. Applying bags over garments. 1,907,488; May 9.
 Bosworth, Thomas E., Providence, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 1,935,433; Nov. 14.
 Botel, Charles, New York, N. Y. Plumbing and leveling instrument. 1,903,333; Apr. 4.
 Botham, Arthur R., assignor to Coty, Inc., New York, N. Y. Display card. 1,935,764; Nov. 21.
 Bothmann, Hans. (See Schmidt, W., Bothmann, and Ruhrmann.)
 Botnen, Glenn R., Gilman, Iowa. Earth conditioning implement. 1,899,306; Feb. 28.
 Botsford, Albert E., Walla Walla, Wash. Seeding implement. 1,905,892; Apr. 25.
 Botsford, Robert C., New Haven, Conn. Pruning tool. 1,922,877; Aug. 15.
 Botsford, Warren U., Moline, assignor to Rock Island Mfg Co., Rock Island, Ill. Vise display stand. 1,903,163; Mar. 28.
 Bott, Edward C., Cincinnati, Ohio. Bench leg. 1,915,180; June 20.
 Bott, George R., Stamford, Conn. Shaving machine. 1,902,988; Mar. 28.
 Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Antifriction bearing. 1,901,580; Mar. 14.
 Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Antifriction bearing. 1,915,287; June 27.
 Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Cage for ball bearings and making same. 1,915,288; June 27.
 Bott, George R., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Lathe center and bearing means therefor. 1,919,004; July 18.
 Bottasso, Carlo, assignor to Società Italiana Pirelli, Milan, Italy. Vehicle tire. Des. 90,968; Nov. 7.
 Böttcher, Karl. (See Stolz, F., Böttcher, Hallensleben, and Krohs.)
 Böttcher, Paul, Altona-Bahrenfeld, near Hamburg, Germany. Car body for closed passenger automobiles. 1,938,007; Dec. 5.
 Bottini, Aldo, Buenos Aires, Argentina. Device for the transportation and transposition of vehicles and the like. 1,896,063; Feb. 7.
 Bottini, Domingo, Pergamino, Argentina. Mechanical traction of agricultural and similar machinery. 1,926,935; Sept. 12.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifolding book. 1,905,893; Apr. 25.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifold device. 1,910,424; May 23.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifolding device. 1,910,517; May 23.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Retaining device. 1,915,974; June 27.
 Bottle, Edward K., deceased; by Sara J. Bottle, Elmira, N. Y., administratrix, assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Record control for billing machines. 1,935,043; Nov. 14.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Manifolding platen. 1,938,371; Dec. 5.
 Bottle, Sara Jane, administratrix. (See Bottle, Edward K.)
 Böttner, Heinrich, Cassel, Germany. Device for bending metal bars. 1,933,363; Oct. 31.
 Bottom, William G., Tulsa, Okla. Well bore angle detector and recorder. 1,902,828; Mar. 28.
 Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. Des. 90,471; Aug. 15.
 Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Tumbler or similar article. Des. 91,166; Dec. 12.
 Bottome, Turner D., Indianapolis, Ind. Electrical detection and separation of coins from substitutes. 1,920,625; Aug. 1.
 Bottomley, Richard W. (See Ellis, Herbert W., assignor.)
 Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Separating acidic gases. Re18,958; Sept. 26.
 Bottoms, Robert R., assignor, by mesne assignments, to Vogt Instant Freezers Incorporated, Louisville, Ky. Refrigerating apparatus for packaged goods. 1,898,758; Feb. 21.
 Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Bubble tower. 1,899,409; Feb. 28.
 Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Heat interchanger and making the same. 1,915,352; June 27.
 Bottorff, Albert H., St. Joseph, Mo. Air suction and chaff depositing construction. 1,911,424; May 30.
 Botts, Henry W., Kenil, and H. H. Champney, Succunna, N. J., assignors to Hercules Powder Company, Wilmington, Del. Explosive. 1,895,144; Jan. 24.
 Botwright, Ronald C., New Malden, England. Bedstead. 1,924,732; Aug. 29.
 Bouchard, Blanche E., et al. (See Du Grenier, Arthur H., assignor.)
 Bouchard, Darius J., Hazardville, and J. W. Rush, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Tuft pile fabric loom. 1,906,308; May 2.
 Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Combined endpiece and temple for spectacles. Des. 90,354; July 25.
 Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Temple for trial frames. 1,910,743; May 23.

- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,916,601; July 4.
- Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Bridge for goggles. 1,925,368; Sept. 5.
- Boucher, Adam, et al. (See Dufault, Homer D., assignor.)
- Boucher, Creed H., Burlingame, Calif. Underfloor wiring duct system. 1,893,268; Jan. 3.
- Boucherot, Paul, and G. Claude, Paris, France. Treatment of quantities of water. 1,926,191; Sept. 12.
- Bouda, Bohumil, assignor to The Colhis Company, Clinton, Iowa. Feed mixer. 1,941,244; Dec. 26.
- Boudette, Clayton M., Revere, Mass. Sound producing device. 1,893,049; Jan. 3.
- Boudou, Felix, Paris, France. Heating device for curling irons. Des. 89,844; May 9.
- Boudy, Leonard, Paris, France. Making leather substitutes. 1,931,428; Oct. 17.
- Boughtin, Earl M., et al. (See Christensen, John L., assignor.)
- Boughton, Edward B., London, England. Brake for use on vehicles. 1,903,973; Apr. 18.
- Boughton, Edward B., London, England. Braking means. 1,914,844; June 20.
- Boughton, Edward B., W. Emmott, and D. T. Brock, London, England. Fluid pressure braking systems. 1,908,505; May 9.
- Boughton, Roger C., assignor to McEverlast, Inc., Los Angeles, Calif. Machine for spirally advancing cylindrical bodies. 1,911,601; May 30.
- Boughton, Solon J., Cleveland, Ohio, and W. T. Hunt, East Orange, N. J., assignors to The Willys Overland Company, Toledo, Ohio. Automotive vehicle brake. 1,934,222; Nov. 7.
- Boughton, Willis A., Cambridge, Mass. Inorganic lubricant and producing the same. 1,917,089; July 4.
- Boughton, Willis A., Cambridge, assignor to Bennett Box Company, Boston, Mass. Fabricated material and its manufacture. 1,926,028; Sept. 12.
- Boulanger, Anthony D. and F. P. Hubrich, assignors of one-third to F. D. Boulanger, 2d., Ridgefield Park, N. J. Razor blade stropper. 1,893,642; Jan. 10.
- Boularan, Jacques D., known as J. Deval, and P. A. Digeon, Paris, France. Record for synchronous cinematographic projection and phonographic audition. 1,913,913; June 13.
- Boulard, Jean M. (See Le Blanc, Theodore A. J., assignor.)
- Boulds, Groveron W., Point Pleasant, N. J. Fountain shaving brush. 1,932,686; Oct. 31.
- Boulin, Camille H., New York, N. Y. Stroboscopic apparatus. 1,930,460; Oct. 17.
- Boullite, Georges C., Paris, France. Manometric apparatus. 1,924,104; Aug. 29.
- Boultinsinghouse, Mack L., Marble Falls, Tex. Cattle guard. 1,915,181; June 20.
- Boulton, George, Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,933,583; Nov. 7.
- Bound, Harry H. (See Kranz, H. W., Bound, and Fenzel.)
- Boundy, Ray H. (See Grebe, J. J., Boundy, and Chamberlain.)
- Boundy, Ray H. (See Grebe, J. J., Boundy, and Sanford.)
- Bourdet, André P. E., Triel-sur-Seine, France. Heating substances such as gypsum in air currents. 1,924,905; Aug. 29.
- Boundy, Ray H., and J. L. Amos, assignors to The Dow Chemical Company, Midland, Mich. Coagulation of colloidal solutions. 1,930,448; Oct. 10.
- Bourbon, Max M., Coeur d'Alene, Idaho. Open circuit fire alarm. 1,935,611; Nov. 21.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Vehicle wheel. 1,901,078; Mar. 14.
- Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Device for mounting wheels on hubs. 1,920,350; Aug. 1.
- Bourdon, Russell G., assignor to The Shaw-Walker Company, Muskegon, Mich. Index card. 1,915,593; June 27.
- Bourgeois, Fernand J., and J. J. Parayre, Perpignan, France. Apparatus providing progressive lighting and extinction of articles such as letters, words, phrases, pictures, etc. 1,916,409; July 4.
- Bourjois, Inc. (See Soldani, John, assignor.)
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Acoustic wave filter. 1,910,672; May 23.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Window ventilator and silencer. 1,911,744; May 30.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Window ventilator and silencer. 1,938,797; Dec. 12.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Silencing ventilator for windows. 1,938,798; Dec. 12.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Fan. 1,938,799; Dec. 12.
- Bourne, Roland B., assignor to The Maxim Silencer Company, Hartford, Conn. Window ventilator and silencer. 1,938,800; Dec. 12.
- Bourne, Roland B., and H. H. Maxim, assignors to The Maxim Silencer Company, Hartford, Conn. Ventilating and air conditioning device. 1,938,801; Dec. 12.
- Bournonville, Eugene M., Jersey City, N. J. Internal combustion engine. 1,908,680; May 16.
- Bourque, Philp, Detroit, Mich. Power take-off. 1,927,866; Sept. 26.
- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Casing for a wall clock. Des. 89,236; Feb. 7.
- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Cyclometer clock case. Des. 89,741; May 2.
- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Cyclometer clockcase. Des. 89,742; May 2.
- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Cyclometer calendar clock case. Des. 89,743; May 2.
- Bourquin, Edgar, Framingham, Mass., assignor to Warren Telechron Company. Cyclometer calendar clock case. Des. 89,744; May 2.
- Bourquin, Georges, assignor to Leutheric, Societe Anonyme, Paris, France. Powder dispenser. 1,893,880; Jan. 10.
- Bourquin, Paul P., Philadelphia, Pa. Reversing mechanism for type impression machines. 1,914,631; June 20.
- Bourst, Lawrence S., Schenectady, N. Y., assignor to General Electric Company. Electrohydraulic operating mechanism. 1,935,432; Nov. 14.
- Bousel, Morris. (See Gilowitz, Benjamin, assignor.)
- Bousfield, Alfred, St. Johnsbury, Vt. Health scale. Des. 88,852; Jan. 3.
- Bousfield, Alfred, St. Johnsbury, Vt. Infant scale. Des. 88,853; Jan. 3.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Infant scale. 1,892,718; Jan. 3.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Meat beam. 1,930,606; Oct. 17.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing machine. 1,940,576; Dec. 19.
- Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Lever for track scales. 1,940,577; Dec. 19.
- Bouslog, John G., Compton, Calif. Tubing head. 1,922,024; Aug. 15.
- Bousman Mfg. Co. (See Hills, John H., assignor.)
- Bousman, Samuel I., Denver, Colo., assignor, by mesne assignments, to The Door Company, Inc., New York, N. Y. Sedimentation device. 1,916,460; July 4.
- Bousman, Samuel I., Denver, Colo., assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Classifier rake lifting mechanism. 1,925,518; Sept. 5.
- Bousquet, Euclid W. (See Salzberg, P. L., and Bousquet.)
- Boutelle, William H., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Goggles. 1,910,460; May 23.
- Boutet, John B., Norwood, Ohio. Dental coupling. 1,938,576; Dec. 12.
- Boutet, Robert C. M. P. F., Marseille, France, assignor to Societe Francaise des Glycerines. Froth breaking. 1,921,725; Aug. 8.
- Boutillon, Henri, Suresnes, France. Automatic liquid measuring and delivering apparatus. 1,904,610; Apr. 18.
- Bouton, Edgar M., Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. Re18,987; Nov. 7.
- Bouton, Edgar M., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,937,808; Dec. 5.
- Bouton, Edgar M., Chicago, Ill., and W. S. Atkinson, Ashland, N. J., assignors to Atlantic Elevator Company, Inc., and Westinghouse Electric and Manufacturing Company. Signaling system. 1,909,090; May 16.
- Bouveng, Nils. (See Nagel, A., and Bouveng.)
- Bouvier, Cesar, Paris, Georges Fouché, La Fleche, and E. Seguin, La Courbe-le-Lude, France. Process and plant for the manufacture of pure cellulose from vegetable fibers. 1,927,541; Sept. 19.
- Bouvier, Harold K., La Grange, assignor to Temple Corporation, Chicago, Ill. Loud speaker. 1,903,164; Mar. 28.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 1,893,759; Jan. 10.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray installation. 1,901,865; Mar. 21.
- Bouwers, Albert, and W. H. Boldingh, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 1,917,090; July 4.
- Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Switzerland. X-ray tube. 1,933,005; Oct. 31.
- Bouwers, Albert, and N. A. Halbertsma, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Apparatus for making photographs by means of artificial light. 1,939,332; Dec. 12.
- Bovard, Harold S. (See Spicer, S. L., and Bovard.)
- Bovard, Charles M., Grove City, Pa., assignor to Cooper-Bessmer Corporation, Mount Vernon, Ohio. Piston pin. 1,898,169; Feb. 21.

- Bové, Ramon, Bayside, N. Y. Hair waving device. 1,893,794; Jan. 10.
- Bovee, Ransom Y., Peoria, Ill., assignor to Altorfer Bros. Company. Combined washing, rinsing, and drying machine. 1,940,241; Dec. 19.
- Boveri, Theodore, Zurich, and A. Couwenhoven, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electric train control system. 1,929,089; Oct. 3.
- Boveri, Willi, Zurich, and A. Leuthold, assignors to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric rectifier control grid. 1,908,949; May 16.
- Boving, Henrik, assignor to Western Electric Company, Incorporated, New York, N. Y. Flameproof article. 1,897,629; Feb. 14.
- Boyden, George H., Coundon, Bishop Auckland, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Apparatus for summing the integrations of any number of integrating quantity meters. 1,939,486; Dec. 12.
- Bowden, William, G. L. Miller, and J. Mikulasek, assignors to The Maytag Company, Newton, Iowa. Wringer. 1,914,880; June 20.
- Bowden, William I., assignor to American Engineering Company, Philadelphia, Pa. Boat hoist. 1,900,905; Mar. 14.
- Bowden, William I., assignor to American Engineering Company, Philadelphia, Pa. Furnace side wall. 1,919,087; July 18.
- Bowen, Charles W., Augusta, Ga. Burglar and fire alarm. 1,895,967; Jan. 31.
- Bowen, Daniel V., Attleboro, Mass., assignor, by mesne assignments, to L. E. Waterman Company, New York, N. Y. Desk stand. 1,935,011; Nov. 14.
- Bowen, Daniel V., and C. W. Douglas, Attleboro, Mass., assignors, by mesne assignments, to L. E. Waterman Company, New York, N. Y. Desk stand. 1,935,010; Nov. 14.
- Bowen, George A. (See Gately, P. T., and Bowen.)
- Bowen, Harry O., and H. Krause, Salt Lake City, Utah. Pump. 1,932,881; Oct. 31.
- Bowen, Herbert C., and J. R. Heidloff, Detroit, Mich., assignors to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 1,936,445; Nov. 21.
- Bowen, Kenneth H. (See Metcalf, H. G., and Bowen.)
- Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Clamp for antikick devices. 1,936,323; Nov. 21.
- Bowen, Lester W., Larchmont, N. Y., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Sound reproducing device. 1,923,072; Aug. 22.
- Bowen, Myron W., Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Hydraulic braking system. 1,897,230; Feb. 14.
- Bowen, Myron W., assignor to Hydraulic Brake Company, Detroit, Mich. Brake apparatus. 1,908,309; May 9.
- Bowen, Oliver G., assignor to Arthur W. Lewis, Pasadena, Calif. Method and apparatus for separating fluids. 1,917,792; July 11.
- Bowen Products Corporation. (See Gleason, Frederick H., assignor.)
- Bowen, Robert S. (See Richter-kessing, F. H., and Bowen.)
- Bowen, Russell H., assignor to The American Pulley Company, Philadelphia, Pa. Grooved pulley. 1,900,222; Mar. 7.
- Bowen, William S., Westfield, N. J. Desiccating apparatus. 1,923,659; Aug. 22.
- Bowen, William S., Westfield, N. J. Burner apparatus. 1,936,346; Nov. 21.
- Bower, Byron F., Western Springs, and H. P. Mooy, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Metal working apparatus. 1,939,038; Dec. 12.
- Bower, Evan G., Long Beach, Calif. Sign. 1,909,651; May 16.
- Bower, Ferdinand A., Flint, assignor to General Motors Corporation, Detroit, Mich. Oil pressure regulator. 1,897,788; Feb. 14.
- Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Protecting means for rectifier-transformers. 1,924,906; Aug. 29.
- Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical control system. 1,924,907; Aug. 29.
- Bower, Harry A., Los Angeles, Calif. Control mechanism for vibra harps. 1,902,614; Mar. 21.
- Bower, James A., assignor to The National Tile Company, Anderson, Ind. Tile feeder. 1,901,281; Mar. 14.
- Bower, James A., assignor to The National Tile Company, Anderson, Ind. Glazing thickness gauge. 1,909,652; May 16.
- Bower, James A., assignor to The National Tile Company, Anderson, Ind. Detecting and marking warped tile. 1,910,461; May 23.
- Bower, Joshua. (See Dreyfus, H., Kinsella, Bower, and Taylor.)
- Bower, Joshua, Spondon, near Derby, England, assignor to Celanese Corporation of America. Apparatus for the manufacture of artificial threads or filaments. 1,935,200; Nov. 14.
- Bower, Raymond G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 1,907,724; May 9.
- Bower, Ward E., Washington, D. C. Oscillation generator. 1,900,038; Mar. 7.
- Bower, Ward E., Washington, D. C. Oscillation generator. 1,921,501; Aug. 8.
- Bowerman, Emma, New York, N. Y. Ash tray. 1,917,491; July 11.
- Bowerman, Marvin D., Celeste, Tex. Feed mill. 1,916,190; July 4.
- Bowermaster, William. (See Carson, F. L., and Bowermaster.)
- Bowers, Archibald C., Greensburg, and W. E. Humphrey, Jeannette, Pa., assignors to Pennsylvania Rubber Company. Stripping apparatus. 1,908,950; May 16.
- Bowers, Dana W., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Treating sulphur-bearing ores. 1,918,178; July 11.
- Bowers, Edward B., et al. (See Smith, Herbert, assignor.)
- Bowers, Edward C., receiver, et al. (See Tuttle, W. A., and White, assignors.)
- Bowers, Edward C., et al., receivers. (See Ambruson, Henry, assignor.)
- Bowers, Edward C., et al., receivers. (See King, Vernon C., assignor.)
- Bowers, Edward C., et al., receivers. (See Ward, Richard H., assignor.)
- Bowers, Edward W., Medina, N. Y. Mail box. 1,895,912; Jan. 31.
- Bowers, Frank, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,928,090; Sept. 26.
- Bowers, Frederick M., Chester, Pa. Welder's mask. 1,905,210; Apr. 25.
- Bowers, Frederick M., Chester, Pa. Welder's shield. 1,919,927; July 25.
- Bowers, George W., Somerville, Mass. Razor blade sharpener. 1,896,348; Feb. 7.
- Bowers, J. I. (See Woolhouse, George H., assignor.)
- Bowers, Joe P. (See Young, G. M., Bowers, and Zearing.)
- Bowers, Joseph S., Tulsa, Okla. Attachment for gasoline tanks. 1,922,470; Aug. 15.
- Bowers, Leverett T., assignor of fifty-one per cent to Max Jaffe, Pasadena, Calif. Cushioned seat. 1,912,064; May 30.
- Bowers, Paul C. (See Lubs, H. A., and Bowers.)
- Bowers, Paul C., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying phthalic anhydride. 1,897,110; Feb. 14.
- Bowersock, Wilber E., assignor to The Rochester Folding Box Co., Rochester, N. Y. Container. 1,907,489; May 9.
- Bowersock, Wilber E., and F. J. Spiess, assignors to The Rochester Folding Box Company, Rochester, N. Y. Machine for making double faced corrugated paper. 1,914,071; June 13.
- Bowersock, Wilber E., and H. M. Fancher, assignors to The Rochester Folding Box Co., Rochester, N. Y. Collapsible playhouse. 1,918,375; July 18.
- Bowes, Charles E. (See Bowes, Robert M. and C. E.)
- Bowes, George, St. Paul, Minn. Golf playing surface. 1,917,014; July 4.
- Bowes, Robert M. and C. E., Indianapolis, Ind. Filling tire casing cuts. 1,904,403; Apr. 18.
- Bowes, Thomas D., Cynwyd, Pa. Electric magnetic inertia starter. 1,926,029; Sept. 12.
- Bowie, Augustus J., San Francisco, Calif. Switch contact. 1,901,493; Mar. 14.
- Bowie, Augustus J., San Francisco, Calif. Electric switch. 1,907,141; May 2.
- Bowie, Augustus J., San Francisco, Calif. Electric fuse. 1,907,239; May 2.
- Bowie, Augustus J., San Francisco, Calif. Electric cut-out. 1,940,203; Dec. 19.
- Bowker, Frank E. (See Moore, S. C., and Bowker.)
- Bowker, William. (See Caprio, A. F., and Bowker.)
- Bowker, William R., Coronado, Calif. Sound control and transmission system. 1,895,442; Jan. 31.
- Bowler, Samuel, assignor to Howard & Bullough Limited, Accrington, England. Yarn bunching motion for use in ring spinning and ring doubling frames. 1,935,347; Nov. 14.
- Bowler, Thomas, North Vancouver, British Columbia, Canada. Valve. 1,934,255; Nov. 7.
- Bowles, Edward L., Watertown, Mass. Electrical system. 1,941,384; Dec. 26.
- Bowles, Edward L., Wellesley Farms, Mass. Dirigible dock. 1,918,831; July 18.
- Bowles, Edward L., Wellesley Farms, Mass. Camera. 1,929,052; Oct. 3.
- Bowles, Edward L., Wellesley Farms, Mass. Acoustic system. 1,941,385; Dec. 26.
- Bowles, Hardy, and J. W. McClintock, assignors to E-Z Reach Paper Cutter Corporation, Ltd., Los Angeles, Calif. Roll paper holder. 1,924,088; Aug. 29.
- Bowles, Leroy R., et al. (See Callahan, John F., assignor.)
- Bowley, Raymond E., San Anselmo, Calif. Sound reproducing apparatus. 1,934,693; Nov. 14.
- Bowling, Robert T., assignor, by mesne assignments, to Potlatch Forests, Inc., Lewiston, Idaho. Briquetting machine. 1,906,245; May 2.
- Bowling, Robert T., assignor, by mesne assignments, to Potlatch Forests, Inc., Lewiston, Idaho. Piling implement. 1,919,822; July 25.
- Bowling, Robert T., assignor to Potlatch Forests, Inc., Lewiston, Idaho. Portable crane. 1,919,823; July 25.

- Bowling, Wilbur S. (See Cope, F. T., and Bowling.)
 Bowling, Wilbur S. (See Cope, F. T., Vaughan, and Bowling.)
 Bowlus, Samuel L., et al. (See Gartner, Raymond J., assignor.)
 Bowman, A. B. (See Brockway, John P., assignor.)
 Bowman, A. M. (See Hamaker, Rex G., assignor.)
 Bowman, Abram H., Louisville, Ky. Health mattress. 1,936,960; Nov. 28.
 Bowman, Alfred A., Pleasanton, Calif. Alarm and safety system. 1,921,557; Aug. 8.
 Bowman, C. A. (See Guinn, Samuel E., assignor.)
 Bowman, Carl O., assignor of one-half to L. H. Swank, Johnstown, Pa. Toy parachute. 1,894,901; Jan. 17.
 Bowman, Delmer Q., Newhall, Calif. Thermostatic controlled mixing head. 1,899,494; Feb. 28.
 Bowman, Frederic C., assignor to A. R. Maas Chemical Company, Los Angeles, Calif. Composition for use as a washing powder etc. 1,907,316; May 2.
 Bowman, George. (See Stevenson, J. F., and Bowman.)
 Bowman, Glenn W., Haymarket, assignor to Evolv L. Gough, Nokesville, Va. Combination cigarette holder, ash receiver and igniter. 1,898,077; Feb. 21.
 Bowman, Harvey T., and W. L. Groh, Lebanon, Pa., assignors to The Guardian Trust Company, Cleveland, Ohio. Box and making the same. 1,897,570; Feb. 14.
 Bowman, Ira H., trustee. (See Hillard, Henry G., assignor.)
 Bowman, Jacob W., Narberth, assignor to Gum Inc., Philadelphia, Pa. Carton which is equipped to be used as a toy. 1,932,368; Oct. 24.
 Bowman, Jesse R., Newburyport, Mass. Floor construction. 1,902,829; Mar. 28.
 Bowman, Joseph H., Pittsburgh, Pa. Fabric roll edge protector. 1,931,314; Oct. 17.
 Bowman, Kiel B. (See Cape, A. T., and Bowman.)
 Bowman, Lee M., Los Angeles, Calif., assignor to Dawn Motors, Ltd. Connecting rod construction for radial engines. 1,895,700; Jan. 31.
 Bowman, Linn B. (See Pfauke, F. J., and Bowman.)
 Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Lubricating means for sewing machines. 1,913,914; June 13.
 Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Lubricating means for sewing machines. 1,930,382; Oct. 10.
 Bowman, Newton K., Bowdill, Ohio. Cutter-chain block. 1,903,771; Apr. 18.
 Bowman, Newton K., Bowdill, Ohio. Core-breaker. 1,903,772; Apr. 18.
 Bowman, Newton K., Bowdill, Ohio. Cutter chain for mining machines. 1,930,466; Oct. 17.
 Bowman, Oliver S., Colorado Springs, Colo. Grate. 1,901,698; Mar. 14.
 Bowman, Samuel B., Zanesville, Ohio, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer. 1,903,281; Apr. 4.
 Bowman, Samuel B., Zanesville, Ohio, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer. 1,903,282; Apr. 4.
 Bowman, Samuel B., Zanesville, Ohio, and T. Stenhouse, Washington, Pa., assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer loader. 1,906,786; May 2.
 Bowman, Samuel B., E. Haub and H. D. Jackson, Zanesville, Ohio, assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer loader. 1,932,301; Oct. 24.
 Bowman, William A., Las Cruces, N. Mex. Stringed musical instrument. Des. 90,472; Aug. 15.
 Bowser, Percy L. (See Flammang, J., and Bowser, assignors.)
 Bowser, S. F. & Company. (See Blum, Hosmer L., assignor.)
 Bowser, S. F., & Company. (See Bond, Raymond W., assignor.)
 Bowser, S. F., & Company. (See Brace, W. F., and Beluche, assignors.)
 Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
 Bowser, S. F., & Company. (See Newell, Harvey E., assignor.)
 Bowser, S. F., & Company. (See Renfrew, Paul B., assignor.)
 Bowser, S. F., & Company. (See Renfrew, P. B., and Hartley, assignors.)
 Bowser, S. F., & Company. (See Warner, Joseph R., assignor.)
 Box Blank Corporation. (See Andrews, Champe S., assignor.)
 Box Blank Corporation. (See Tanner, Arnold J., assignor.)
 Box, John V., Los Angeles, and E. N. Cooke, La Habra, Calif. Well surveying device. 1,918,448; July 18.
 Boxboard Products Company. (See Jones, Paul D., assignor.)
 Boyajian, Aram, Pittsfield, Mass., assignor to General Electric Company. Voltage regulating system. 1,893,760; Jan. 10.
 Boyajian, Aram, Pittsfield, Mass., assignor to General Electric Company. Electric translating system. 1,895,370; Jan. 24.
 Boyar, Harry, assignor to Boyar-Schultz Corporation, Chicago, Ill. Washing machine. 1,896,064; Feb. 7.
 Boyar-Schultz Corporation. (See Boyar, Harry, assignor.)
 Boyce, Fred F., et al. (See Rowe, Alton J., assignor.)
 Boyce, Irving J. (See Peters, Frank J., assignor.)
 Boyce, James, Laketon Township, Allegan County, Mich., and R. F. Hancock, Marion, Ind., assignors to Chicago Glass Novelty Corporation. Sign. 1,904,850; Apr. 18.
 Boyce, James, Laketon Township, Allegan County, Mich., and R. Boyce, assignors to Chicago Glass Novelty Corporation, Marion, Ind. Luminescent-tube sign. 1,906,309; May 2.
 Boyce, John A., deceased, Chicago, Ill.; J. F. Thomas administrator. Web-perfecting printing machine. 1,909,518; May 16.
 Boyce, Richard. (See Boyce, James and R.)
 Boyce, Sydney R., and F. S. Lundy, Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Joint for resisting high pressures. 1,937,329; Nov. 28.
 Boyce, William F., Toronto, Ontario, Canada. Valve for internal combustion engines. 1,905,140; Apr. 25.
 Boyce, William S., Chicago, Ill. Rail support and fastening means. 1,902,615; Mar. 21.
 Boyd, Albert B., Lansdowne, Pa. Container closure. 1,928,445; Sept. 26.
 Boyd, Cecil E., Detroit, Mich., assignor to The Murray Corporation of America. Work guide for sewing machines. 1,919,459; July 25.
 Boyd, Cecil E., Detroit, Mich., assignor to The Murray Corporation of America. Work guide for sewing machines. 1,919,460; July 25.
 Boyd, Claud A., Frisco, Tex. Rod joint. 1,899,846; Feb. 28.
 Boyd, Fisher L., Haverford, assignor, by mesne assignments, to National Foam System, Inc., Philadelphia, Pa. Apparatus for producing fire extinguishing foam. 1,900,482; Mar. 7.
 Boyd, Fisher L., Haverford, assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing apparatus. 1,917,694; July 11.
 Boyd, Fisher L., Haverford, assignor to National Foam System, Inc., Philadelphia, Pa. Portable apparatus for producing fire-extinguishing foam. 1,919,616; July 25.
 Boyd, Fred S., assignor of one-third to H. J. Ward, Laurens, and one-third to C. C. Rush, Greenville, S. C. Machine for cutting and shearing float or bridge threads. 1,895,843; Jan. 31.
 Boyd, Henry B., et al. (See Sprague, Joseph J. and E. W., assignors.)
 Boyd, Newton C. (See Norton, S. G., and Boyd, assignors.)
 Boyd, Orville, Stronghurst, Ill. Guard for rear view mirrors. 1,915,010; June 20.
 Boyd, Robert H. (See Faries, R., and Boyd.)
 Boyd, Thomas A. (See Lovell, W. G., and Boyd.)
 Boyd, William R., Chicago, and W. H. Taylor, Brookfield, assignors to The Mechanical Manufacturing Company, Chicago, Ill. Grease filling machine. 1,913,656; June 13.
 Boyden, Dwight F., Annapolis, Md. Shaft for golf clubs and making. 1,921,068; Aug. 8.
 Boyden, J. Hanson, et al. (See Paulin, A. L. and Froom, assignors.)
 Boyden, Roland W., receiver. (See Maynard, Charles E., assignor.)
 Boyden, Roland W., et al., receivers. (See Dexter, Albert J., assignor.)
 Boyden, Roland W., et al., receivers. (See Maynard, Charles E., assignor.)
 Boyden, Roland W., et al., receivers. (See Wikle, George F., assignor.)
 Boydston, Edith A. (See Smith, Ray C., assignor.)
 Boyd, Alfred, Paris, France. Automatic telephone apparatus. 1,925,478; Sept. 5.
 Boye and Emmes Machine Tool Company, The. (See Mohr, George A., assignor.)
 Boye, James H., Chicago, Ill. Lamp standard. 1,927,485; Sept. 19.
 Boye, James H., Chicago, Ill. Lamp stand. 1,936,616; Nov. 28.
 Boye Needle Company, The. (See Carlson, Gustav A., assignor.)
 Boye Needle Company, The. (See Davis, Edward D., assignor.)
 Boyens, Paul J., et al. (See Ryan, Thomas H., assignor.)
 Boyer, Alex. (See Bortorello, John J., assignor.)
 Boyer Clarence F., assignor of one-third to A. M. Ryan, Bloomington, Ill. Knuckle-jointed safety motor-vehicle bumper. 1,921,653; Aug. 8.
 Boyer, Edwin S., Plainfield, N. J., assignor to American Hard Rubber Company, New York, N. Y. Pipe. 1,904,675; Apr. 18.
 Boyer, Fernand, St. Quentin, France. Hopper crane of the movable and traveling type. 1,905,434; Apr. 25.
 Boyer, Frederick G. L., Dayton, Ohio. Air dashpot. 1,903,435; Apr. 11.
 Boyer, George D. (See Stanitz, Jacques, and Boyer.)
 Boyer, John A., and A. J. Thompson, assignors to Globar Corporation, Niagara Falls, N. Y. Nonmetallic resistor and making the same. 1,914,939; June 20.
 Boyer, Mabel E., Detroit, Mich. Cooking utensil. 1,940,740; Dec. 26.
 Boyer, Marion W., assignor to Standard-I. G. Company, Baton Rouge, La. Obtaining low boiling oils from higher boiling oils. 1,934,031; Nov. 7.
 Boyer, Matilda C., Pittsburgh, Pa. Curtain stretcher. 1,941,386; Dec. 26.

- Boyett, John L., Houston, Tex. Hand tool. 1,914,800; June 20.
- Boyette Air Electric Car, Inc. (See Boyette, William E., assignor.)
- Boyette, William E., Jacksonville, Fla., assignor to Boyette Air Electric Car, Inc. Automotive vehicle. 1,904,611; Apr. 18.
- Boykin, Burwell, Jr., assignor to International-Stacey Corporation of Texas, Beaumont, Tex. Fluid cooled brake drum. 1,906,525; May 2.
- Boykin, Charles V., et al. (See Smith, Richard F., assignor.)
- Boykow, Johann. (See von Hofe, C., and Boykow.)
- Boykow, Johann M., Berlin-Lichterfelde-West, Germany. Automatic steering device. 1,931,282; Oct. 17.
- Boykow, Johann M., assignor to Messgerate Boykow, G. m. b. H., Berlin-Lichterfelde-West, Germany. Gyroscopic compass. 1,930,082; Oct. 10.
- Boykow, Johann M., Berlin-Lichterfelde-West, assignor to Gesellschaft für Elektrische Apparate m. b. H. Marienfelde, near Berlin, Germany. Gyroscopic pendulum. 1,940,387; Dec. 19.
- Boyle, Eldridge R., Boston, Mass. Tie for channel bars. 1,927,915; Sept. 26.
- Boyle, Eldridge R., Boston, Mass. Channel clip. 1,929,302; Oct. 3.
- Boyle, Robert J. (See Boyle, Sarah A., and R. J.)
- Boyle, Rudolph B., Kansas City, Mo. Road guard mounting. 1,922,878; Aug. 15.
- Boyle, Sarah A. and R. J., Bristol, Conn. Transferring pictures. 1,936,080; Nov. 21.
- Boyles, Andrew J., and F. M. McKinley, Clarksburg, W. Va. Alloy. 1,915,212; June 20.
- Boyles, Carroll H., Milwaukee, Wis. Equalizing resistance of enlarged ends of electric heating elements. 1,925,129; Sept. 5.
- Boyles, David S., Rock Hill, S. C., assignor to National Wire Goods Manufacturing Company. Machine for making wire carment hangers. 1,941,430; Dec. 26.
- Boyles, Frank M., Brooklyn, N. Y. Food jelly. 1,898,336; Feb. 21.
- Boylston, John, Chicago, Ill. Sound diffractor. 1,914,072; June 13.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Automatic stage lift flowing apparatus for wells. 1,926,030; Sept. 12.
- Boynton, Alexander, assignor to C. A. Beatty, San Antonio, Tex. Automatic stage lift flowing device. 1,926,031; Sept. 12.
- Boynton, Arthur J. (See Andrews, C. W., and Boynton.)
- Boynton, Arthur J., assignor, by mesne assignments, to Open Hearth Combustion Company, Chicago, Ill. Open hearth furnace. 1,901,079; Mar. 14.
- Boynton, Arthur J., Winnetka, assignor to H. A. Brassert & Company, Chicago, Ill. Bottom for boiler furnaces. 1,937,940; Dec. 5.
- Boynton, Arthur J., and P. Zimmermann, assignors to H. A. Brassert & Company, Chicago, Ill. Distributing large bell for blast furnaces. 1,899,307; Feb. 28.
- Boynton, Arthur J., and P. Zimmermann, assignors to H. A. Brassert & Company, Chicago, Ill. Apparatus for charging furnaces. 1,905,679; Apr. 25.
- Boynton, Arthur J. and S. P. Kinney, Chicago, Ill., assignors to Bradley-Pitch Co., Duluth, Minn. Treating chamber. 1,906,735; May 2.
- Boynton, Arthur J., Chicago, Ill., and F. A. De Lisle, New York, N. Y., assignors to H. A. Brassert & Company, Chicago, Ill. Method and apparatus for continuous filtering. 1,923,138; Aug. 22.
- Boynton, Harry L., Hollywood, assignor of one-half to H. D. Smith, Los Angeles, Calif. Pitting device. 1,936,184; Nov. 21.
- Boynton, Vern K., Milwaukee, Wis., assignor to Duplate Corporation. Process and apparatus for making composite glass or other composite articles. 1,905,211; Apr. 25.
- Boynton, Vern K., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Grinding machine. 1,910,234; May 23.
- Boysen, Jorgen, New York, N. Y. Means for utilizing water power. 1,917,793; July 11.
- Bozard, John C., Kokomo, and J. L. Summers, Flora, assignors, by mesne assignments, to J. L. Summers, J. C. Bozard, and R. T. Wakefield, Kokomo, Ind. Treating gray castiron and malleable iron. 1,894,752; Jan. 17.
- Bozarth, Harry, Muskogee, Okla. Turning machine. 1,923,611; Aug. 22.
- Bozarth, William H., Vineland, N. J., assignor to Eastern Cap Spraying Co. Machine for and method of spray coating. 1,894,729; Jan. 17.
- Bozarth, William H., Vineland, N. J., assignor to Osborn Products, Inc., E. E. Grosscup, receiver. Dehydrating vegetables and the like. 1,900,974; Mar. 14.
- Bozel Maletra Societe Industrielle de Produits Chimiques. (See Demant, Jules E., assignor.)
- Bozel-Maletra Societe Industrielle de Produits Chimiques. (See Laubi, Otto, assignor.)
- Bozeman Canning Company. (See Seaman, John M., assignor.)
- Braasch, August D., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,925,369; Sept. 5.
- Braasch, Eddie F., Van Dyne, Wis. Harvester. 1,915,401; June 27.
- Brabaek, Jorgen, Newton Abbott, England. Apparatus for the removal of vaporizable constituents from liquid or pasty or solid matters. 1,933,960; Nov. 7.
- Brabbée, Charles W., Bronxville, assignor to American Radiator Company, New York, N. Y. Humidifying apparatus. 1,922,014; Aug. 8.
- Brabbée, Charles W., Bronxville, assignor to American Radiator Company, New York, N. Y. Boiler. 1,924,077; Aug. 22.
- Brace, Genevieve C., Elizabeth, N. J. Washing machine. Des. 89,871; May 16.
- Brace, Porter H. (See Shirk, W. B., Brace, and Goin.)
- Brace, Porter H., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alloy. 1,916,410; July 4.
- Brace, William F., and F. E. Beluche, Buffalo, N. Y., assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Distilling apparatus. 1,902,538; Mar. 21.
- Bracewell, Russell S., South Hadley, assignor to The Marvellum Company, Holyoke, Mass. Decorating webs of material. 1,930,036; Oct. 10.
- Brach, E. J., & Sons. (See Hutchinson, Joseph M., assignor.)
- Bracher, George S., Manufacturing Company. (See Linden, Robert A., assignor.)
- Bracht, Henry, assignor to Universal Products Machine Company, Inc., Chicago, Ill. Cigar lighter. 1,908,310; May 9.
- Brack, Allan L., Rochester, N. Y. Shipping case. 1,912,686; June 6.
- Brackbill, Christian E., Kinzers, Pa. Liquid sampling and testing device. 1,939,873; Dec. 19.
- Bracke, Robert F., Chicago, assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., trustees. Carburetor. 1,905,435; Apr. 25.
- Bracke, Robert F., Chicago, assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., successor trustees. Carburetor fuel valve. 1,943,033; Oct. 31.
- Brackelsberg, Carl A., Hemer, Germany. Method and apparatus for producing rolled bodies from powdrous materials. 1,921,114; Aug. 8.
- Bracken, Martin L., New York, N. Y. Record-keeping device. 1,923,064; Aug. 22.
- Bracken, William A., assignor of one-eighth to L. B. Burrow, one-eighth to A. Brizzolara, jr., and one-fourth to A. G. Kahn, Little Rock, Ark. Elevating and lowering mechanism. 1,925,976; Sept. 5.
- Bracken, William A., assignor of one-eighth to L. B. Burrow, one-eighth to A. Brizzolara, jr., and one-fourth to A. G. Kahn, Little Rock, Ark. Elevating and lowering mechanism. 1,925,977; Sept. 5.
- Brackenbury, Aloysius G. (See Le Clair, L. J., and Brackenbury.)
- Brackett, Alfred B., Swampscott, Mass., assignor to Frosted Foods Company, Inc., Dover, Del. Carton for frozen food products. 1,920,184; Aug. 1.
- Brackett, Edward M., and D. Daneke, assignors to The Brackett Stripping Machine Company, Topeka, Kans. Paper cutting and trimming machine and clamping and shock-absorbing mechanism therefor. 1,899,923; Mar. 7.
- Brackett, Edward M., and D. Daneke, assignors to The Brackett Stripping Machine Company, Topeka, Kans. Paper cutting and trimming machine and safety mechanism therefor. 1,913,304; June 6.
- Brackett, Edward M., and D. Daneke, assignors to The Brackett Stripping Machine Company, Topeka, Kans. Feed regulator for stripping machines. 1,932,506; Oct. 31.
- Brackett Machine Stripping Company, The. (See Brackett, E. M., and Daneke, assignors.)
- Brackett Stripping Machine Company. (See Brackett, E. M., and Daneke, assignors.)
- Brackett, Tracy F., Highland Park, Mich. Portable abrading and polishing machine. 1,901,627; Mar. 14.
- Brackett, Tracy F., Highland Park, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake member. 1,917,820; July 11.
- Brackett, Tracy F., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,907,490; May 9.
- Brackett, Wellby A. (See Richard, W. E., and Brackett.)
- Bradbury, Albert W., Cliftondale, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 1,894,291; Jan. 17.
- Bradbury, Clifford C., et al., successor trustees. (See Bracke, Robert F., assignor.)
- Bradbury, Clifford C., et al., trustees. (See Bracke, Robert F., assignor.)
- Bradbury, Clifford C., et al., trustees. (See Spohr, Carl W., assignor.)
- Bradbury, Clifford C., et al., trustee. (See Stokes, Charles L., assignor.)
- Bradbury, Clifford C., Glencoe, Ill., assignor to Hydraulic Brake Company, Los Angeles, Calif. Slack remover for hydraulic brake systems. 1,899,009; Feb. 28.
- Bradbury, George E., Evanston, Ill. Ventilator noise deadener. 1,922,152; Aug. 15.
- Bradbury, Walter S., Hilon, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,913,827; June 13.

- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Cabinet for oil burner supply tanks. Des. 90,357; July 25.
- Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Combination liquid fuel reservoir and support therefor. Des. 90,473; Aug. 15.
- Braddock, William J., Wheeling, W. Va. Acid resisting alloy. 1,916,602; July 4.
- Braddock, William J., Wheeling, W. Va., assignor to Wheeling Bronze Casting Company. Centrifugal casting. 1,931,888; Oct. 24.
- Braddon, Fred D. (See Drake, H. C., and Braddon.)
- Braden, Coe R., Winthrop, Iowa. Harvester guard. 1,936,006; Nov. 21.
- Braden, Elmer A., Springfield, Ill. Self contained oil seal. 1,893,012; Jan. 3.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Antenna coupling circuits. 1,897,231; Feb. 14.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Hum reduction in alternating current receivers. 1,912,755; June 6.
- Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Receiving system. 1,928,197; Sept. 26.
- Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Band pass amplifier. 1,938,620; Dec. 12.
- Bradford, Arthur J., Detroit, Mich., assignor to General Electric Company. Film printing machine. 1,931,128; Oct. 17.
- Bradford, James H., Tooele, assignor to Combined Metals Reduction Company, Stockton, Utah. Froth breaking apparatus. 1,906,526; May 2.
- Bradford Patents Corporation, The. (See Herndon, Henry A., assignor.)
- Bradford, Raymond C., Hamden, Conn., assignor to American Telephone and Telegraph Company. Signaling system for party telephone lines. 1,912,510; June 6.
- Bradford, William W., Clarendon, Va. Undergarment or similar article of manufacture. Des. 89,548; Mar. 28.
- Bradford, Zerbe C. (See Kindl, C. H., and Bradford.)
- Bradley, Albert, assignor to Northwestern Barb Wire Company, Sterling, Ill. Nail wire guide. 1,898,286; Feb. 21.
- Bradley, Albert, assignor to Northwestern Barb Wire Company, Sterling, Ill. Fastening element. 1,906,527; May 2.
- Bradley, Albert, assignor to Northwestern Barb Wire Company, Sterling, Ill. Machine for making wire fabric. 1,936,931; Nov. 28.
- Bradley, Alonzo B., Nyack, assignor to The Fibre Conduit Company, Orangeburg, N. Y. Conveyor for manipulating cylindrical articles. 1,930,641; Oct. 17.
- Bradley, Alonzo B., New York, and M. Bolin, Orangeburg, assignors to The Fibre Conduit Company, Orangeburg, N. Y. Hydraulic gripper. 1,930,640; Oct. 17.
- Bradley, Alonzo B., New York, and M. Bolin, assignors to The Fibre Conduit Company, Orangeburg, N. Y. Hydraulic spider revolver. 1,939,383; Dec. 12.
- Bradley, Charles H., University Heights, assignor to The American Ship Building Company, Cleveland, Ohio. Self-unloading ship. 1,901,549; Mar. 14.
- Bradley, Charles S., assignor to American Ball Company, Minneapolis, Minn. Ball shaping machine. 1,913,359; June 13.
- Bradley, Constantine, Nashville, Tenn. Pneumatic inner tube. 1,924,143; Aug. 29.
- Bradley, Daniel A., assignor to Bonabands Limited, London, England. Tightening and sealing device. 1,904,914; Apr. 18.
- Bradley-Fitch Co. (See Boynton, A. J., and Kinney, assignors.)
- Bradley-Fitch Company. (See Bradley, Wilson, assignor.)
- Bradley, Harold L., Hyde Park, assignor to Howard Dustless-Duster Co., Boston, Mass. Mop connector. 1,920,351; Aug. 1.
- Bradley, Harry L., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electrical resistor. 1,924,105; Aug. 29.
- Bradley, Howard W., and E. G. Schlup, assignors to The American Rolling Mill Company, Middletown, Ohio. Operating device for conveyors and the like. 1,907,142; May 2.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Manufacture of pulp, etc. 1,896,033; Jan. 31.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, assignors to Bradley-McKeefe Corporation, New York, N. Y. Manufacture of pulp and paper. 1,898,612; Feb. 21.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Manufacture of pulp, etc. 1,898,613; Feb. 21.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Production of pulp. 1,906,836; May 2.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Production of pulp. 1,909,929; May 23.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Treatment of aluminous materials. 1,918,735; July 18.
- Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburgh, assignors to Bradley-McKeefe Corporation, New York, N. Y. Treatment of residual liquors. 1,934,655; Nov. 7.
- Bradley, Lynde. (See Power, L. E., and Bradley.)
- Bradley, Lynde, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electrical resistor. 1,904,352; Apr. 18.
- Bradley-McKeefe Corporation. (See Bradley, L., and McKeefe, assignors.)
- Bradley Miller & Co. (See Miller, John M., assignor.)
- Bradley, Milton, Company. (See Klar, Walter H., assignor.)
- Bradley, Robert W., Aldwych, London, England, assignor to Western Electric Company, New York, N. Y. Pressure leak indicator. 1,901,432; Mar. 14.
- Bradley, Theodore F., Westfield, N. J. Grease resistant paper. 1,896,215; Feb. 7.
- Bradley, Theodore F., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Wrinkled, finished coating. 1,893,611; Jan. 10.
- Bradley, Theodore F., Westfield, assignor to Ellis-Foster Company, Montclair, N. J. Ester resin product and making same. 1,893,982; Jan. 10.
- Bradley, Theodore F., Westfield, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Finish remover. 1,901,728; Mar. 14.
- Bradley, Theodore F., Westfield, assignor to Ellis-Foster Company, Montclair, N. J. Viscosity reduced coating composition. 1,923,704; Aug. 22.
- Bradley, Theodore F., Westfield, assignor to Ellis-Foster Company, Montclair, N. J. Useful lacquer composition made from low boiling solvents. 1,923,715; Aug. 22.
- Bradley, Thomas S., San Leandro, assignor to The Parafine Companies, Inc., San Francisco, Calif. Roof construction. 1,928,751; Oct. 3.
- Bradley, Walter R., Chicago, Ill., and S. Thronsen, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Mounting a blank. 1,910,198; May 23.
- Bradley, Wilson, Deerwood, assignor to Bradley-Fitch Company, Minneapolis, Minn. Recovering manganese values. 1,937,508; Dec. 5.
- Bradner, Donald B., Oxford, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Wiper mechanism for coating machines and process. 1,901,080; Mar. 14.
- Bradner, Donald B., Oxford, Ohio, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Filled surface paper and making same. 1,913,329; June 6.
- Bradner, Donald B., Oxford, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Coating paper. 1,933,963; Nov. 7.
- Bradner, Donald B., Oxford, assignor to The Champion Coated Paper Company, Hamilton, Ohio. Mineral coated paper. 1,936,286; Nov. 21.
- Bradsby, F. W. (See Mobley, William R., assignor.)
- Bradshaw, Albert C., assignor to B & B Manufacturing Company, Inc., George West, Tex. Stalk cutting machine. 1,933,411; Oct. 31.
- Bradshaw, Andrew C., Los Angeles, Calif. Valve and operating mechanism therefor. 1,915,716; June 27.
- Bradshaw, Austin A., Hickory, assignor of one-half to J. A. Bradshaw, Buncombe County, N. C. Lock. 1,897,922; Feb. 14.
- Bradshaw, Charles T., Philadelphia, Pa. Punch. 1,922,614; Aug. 15.
- Bradshaw, Frank F., Oxford, assignor of five per cent each to C. A. Williams, sr., C. A. Williams, jr., J. L. Williams, and S. A. Van Every, Charlotte, B. A. Smith, Kings Mountain, and twenty-five per cent to P. B. Eaton, Chas lotte, and twenty-five per cent to R. E. Ward, Granville County, N. C. Double transfer of cargo in aerial navigation. 1,925,555; Sept. 5.
- Bradshaw, J. A. (See Bradshaw, Austin A., assignor.)
- Bradshaw, Lawrence, Bainbridge, N. Y. Improving the water-resistance of casein glues. 1,895,433; Jan. 24.
- Bradshaw, Lawrence, Bainbridge, assignor to The Casein Manufacturing Company of America, Inc., New York, N. Y. Adhesive and making same. 1,919,158; July 18.
- Bradshaw, William H., Little Falls, N. J., assignor to Du Pont Rayon Company, Incorporated. Rayon, artificial horsehair, films, and the like and making the same. 1,907,726; May 9.
- Bradshaw, William M., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company. Auxiliary meter attachment for watt-hour meters. 1,905,262; Apr. 25.
- Bradt, Merritt B. (See Schneider, E. J., and Bradt.)
- Brady, Charles T., Detroit, Mich. Reading lamp. 1,900,539; Mar. 7.
- Brady, Charles T., Detroit, Mich. Lamp shade. 1,935,387; Nov. 14.
- Brady, Charles V. (See Morrill, P. E., and Brady.)
- Brady, Charles V., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Container handle. 1,910,789; May 23.
- Brady, Charles V., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Fastening. 1,935,612; Nov. 21.
- Brady, Charles V., and W. Case, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Fastener. 1,897,998; Feb. 21.
- Brady, Edmund W., assignor to The Brady Electric & Manufacturing Company, New Britain, Conn. Lamp lead bracket. 1,898,614; Feb. 21.

- Brady, Edward J., assignor of one-third to D. R. Joyce and one-third to G. Walliser, Chicago, Ill. Game device. Des. 90,177; June 20.
- Brady, Edward J., assignor to The United Gas Improvement Company, Philadelphia, Pa. Gas apparatus. 1,894,459; Jan. 17.
- Brady, Edward J., assignor to The United Gas Improvement Company, Philadelphia, Pa. Dust collector. 1,922,013; Aug. 8.
- Brady Electric & Manufacturing Company, The. (See Brady, Edmund W., assignor.)
- Brady, Ernest P., Flint, Mich. Underground law sprinkler head. 1,938,511; Dec. 5.
- Brady, Harry L., Minneapolis, Minn. Heat saver and humidifier. 1,910,199; May 23.
- Brady, Hugh S., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Apparatus for vacuum sealing screw cap containers. 1,920,240; Aug. 1.
- Brady, Hugh S., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for vacuum sealing screw cap containers. 1,934,585; Nov. 7.
- Brady, James H., Louisville, Ky. Whirl whistle. 1,901,547; Mar. 14.
- Brady, John M., Wellsburg, W. Va. Flower container and grave marker. 1,907,340; May 2.
- Brady, Michael L., Elwood, Ind. Animal trap. 1,937,262; Nov. 28.
- Brady, Thomas, Orange, N. J. Doorcloser and electric interlock. 1,939,200; Dec. 12.
- Brady, Thomas, East Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Door hanging equipment. 1,907,144; May 2.
- Brady, Walter L., Brockton, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. Des. 89,384; Mar. 7.
- Brady, Walter L., Brockton, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. Des. 89,385; Mar. 7.
- Bragdax Company. (See Pierce, Harold C., assignor.)
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,898,287; Feb. 21.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake mechanism. 1,900,155; Mar. 7.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake mechanism for automotive vehicles. 1,904,266; Apr. 18.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island, N. Y. Brake system for automotive vehicles. 1,904,267; Apr. 18.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,907,491; May 9.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,908,400; May 9.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,911,425; May 30.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, N. Y., assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Hydraulic brake system for automotive vehicles. 1,923,185; Aug. 22.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, N. Y., assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,923,186; Aug. 22.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, South Bend, Ind., assignors to Bragg-Kliersath Corporation, South Bend, Ind. Power actuator. 1,923,187; Aug. 22.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake mechanism. 1,935,388; Nov. 14.
- Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliersath, Port Washington, assignors to Bragg-Kliersath Corporation, Long Island City, N. Y. Brake system for automotive vehicles. 1,935,389; Nov. 14.
- Bragg, Everett E., Chicago, Ill., assignor to General Chemical Company, New York, N. Y. Sulphur melter. 1,918,684; July 18.
- Bragg, Gilbert A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Separation and purification of gaseous mixtures. 1,920,626; Aug. 1.
- Bragg, Gilbert A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Obtaining pure carbon dioxide. 1,924,178; Aug. 29.
- Bragg, Gilbert A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Gas purification. 1,936,570; Nov. 23.
- Bragg, Gilbert A., and D. L. Jacobson, Pittsburgh, and P. J. Wilson, Jr., Edgeworth, Pa., assignors to The Koppers Company of Delaware. Gas purification. 1,932,507; Oct. 31.
- Bragg, Harry A., Seattle, Wash. Device for use in mixing printer's ink. 1,919,498; July 25.
- Bragg-Kliersath Corporation. (See Bragg, C. S., and Kliersath, assignors.)
- Bragger, William J., assignor of one-half to Olde Homestead Products Co., Los Angeles, Calif. Dispensing apparatus. 1,898,866; Feb. 21.
- Braham, W. Walter. (See Hendrix, Joel H., assignor.)
- Brailey, James E., et al. (See Ambrose, T. H., and Elmer, assignors.)
- Brainard, Forest J., Stockton, N. Y. Fruit basket. 1,927,008; Sept. 12.
- Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Automatic latch for filing drawers. 1,939,487; Dec. 12.
- Brainard, Harold A., Pittsburgh, Pa., assignor to The General Fireproofing Company, Youngstown, Ohio. Casing for boilers and the like. 1,940,578; Dec. 19.
- Brainard, Maurice W. (See Baker, B. P., and Brainard.)
- Brainard, Maurice W., Los Angeles, Calif., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,896,764; Feb. 7.
- Brainard, Maurice W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Under-voltage device. 1,901,628; Mar. 14.
- Brainard, William L., and W. A. Snyder, Los Angeles, Calif. Metal cove and bracket. 1,931,889; Oct. 24.
- Braithwaite & Co., Engineers Limited. (See Hines, John, assignor.)
- Brake, George U., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 1,925,043; Aug. 29.
- Braker, William. (See Jones, W. S., and Braker.)
- Brakhage, George F., Watertown, S. Dak. Pump equalizer. 1,898,235; Feb. 21.
- Braley, Alfred A., Midland, Mich. Aeroplane. 1,938,171; Dec. 5.
- Bramberry, Harry M., Newcastle, Ind., assignor to Piston Research Corporation, Norfolk, Va. Piston and piston ring therefor. 1,903,396; Apr. 4.
- Bramley-Moore, Swinfen, White Plains, N. Y. Brake. 1,896,696; Feb. 7.
- Bramsen, Svend, assignor to Binks Manufacturing Co., Chicago, Ill. Spray gun. 1,910,673; May 23.
- Bramsen, Svend, and F. Wahlén, assignors to Binks Manufacturing Company, Chicago, Ill. Oil and water extractor. 1,896,833; Feb. 7.
- Bramsen, Svend, Chicago, and B. R. Sausen, Oak Park, assignors to Binks Manufacturing Company, Chicago, Ill. Spraying pipes. 1,910,674; May 23.
- Bramson, Morgens L., London, England. Shaving brush and like brush. 1,904,612; Apr. 18.
- Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Gas burning apparatus. 1,927,019; Sept. 19.
- Branche, Nelson T., and V. O. Beam, assignors to Surface Combustion Corporation, Toledo, Ohio. Gas-fired warm air circulating heater. Des. 89,945; May 23.
- Brand, Achill W., Morro Bay, Calif. Exercise belt. 1,922,566; Aug. 15.
- Brand, Frank and G., Philadelphia, Pa. Hosiery boarding form and hose clamp therefor. 1,897,886; Feb. 14.
- Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. Magnetic core with supporting and clamping structure. 1,905,790; Apr. 25.
- Brand, George. (See Brand, Frank and G.)
- Brand, Harry E. (See Brokvist, E. R., and Fausel, assignors.)
- Brand, Harry R., New York, N. Y. Token delivering machine. 1,893,013; Jan. 3.
- Brand, Harry R., New York, N. Y. Dish handling mechanism. 1,904,198; Apr. 18.
- Brand, Harry R., New York, N. Y. Automatic sales system. 1,938,577; Dec. 12.
- Brand, Harry R., New York, N. Y. Food preparing and delivering apparatus. 1,940,071; Dec. 19.
- Brand, Leo. (See Petit, Milford L., assignor.)
- Brand, Samuel, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,917,355; July 11.
- Brand, Samuel, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,917,356; July 11.
- Brand, Samuel, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,922,025; Aug. 15.
- Brandau, Walter R., Los Angeles, Calif. Siphonic air-life trap. 1,903,773; Apr. 18.
- Brandenberger, Oskar, Zurich, Switzerland. Material for parts subjected to friction. 1,934,586; Nov. 7.
- Brandenburg, Joseph F. (See Williams, John A., assignor.)
- Brander, Andrew B., Chicago, Ill. Mortar board cap. 1,934,114; Nov. 7.
- Brandes Laboratories, Incorporated. (See Clement, Lewis M., assignor.)
- Brandl, Lillian, executrix. (See Brandl, Robert B.)
- Brandl, Robert B., deceased, St. Paul, Minn.; L. Brandl, executrix. Ventilating system for grain storage bins. 1,911,602; May 30.
- Brandon, Martin, Villa Park, Ill. Container. 1,935,073; Nov. 14.

- Brandon, Martin, Villa Park, Ill. Top rim or hoop for containers. 1,935,074; Nov. 14.
- Brandriff, Alfred, Millville, N. J., assignor to Mueller Co., Decatur, Ill. Pipe cutter and valve inserting machine. 1,898,935; Feb. 21.
- Brandt, Alfred L., sr., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Electrode construction. 1,911,793; May 30.
- Brandt Automatic Cashier Company. (See Brandt, Edward J., assignor.)
- Brandt, Carl A., Great Neck, assignor to The Superheater Company, New York, N. Y. Flexible gas light joint. 1,896,216; Feb. 7.
- Brandt, David G., Westfield, N. J., assignor, by mesne assignments, to Foster Wheeler Corporation, New York, N. Y. Pipe still furnace. 1,894,215; Jan. 10.
- Brandt, Edgar W. (See Müller, E., and Schmidt, assignors.)
- Brandt, Edgar W., Paris, France. Grenade. 1,900,790; Mar. 7.
- Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Money handling machine. 1,900,039; Mar. 7.
- Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Money handling machine. 1,901,051; Mar. 14.
- Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Money handling machine. 1,917,091; July 4.
- Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin tray. 1,932,687; Oct. 31.
- Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin receiver. 1,935,012; Nov. 14.
- Brandt, Erick, Westbrook, Minn. Flowerpot. 1,940,044; Dec. 14.
- Brandt, Francis L., Wakefield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Locating shank pieces. 1,905,894; Apr. 25.
- Brandt, John R., Indianapolis, Ind. Method of fastening a valve fitting to a cable. 1,915,847; June 27.
- Brandt, John R., Indianapolis, Ind. Method and apparatus for gassing and plugging telephone cables and the like. 1,935,902; Nov. 21.
- Brandt, Millard, Tamaqua, Pa., assignor to Darco Corporation, Wilmington, Del. Water purification. Re18,967; Oct. 10.
- Brandt, Philippe, Mulhouse, Haut-Rhin, France, and E. Gubler and E. Tschan, assignors to Firm Durand & Huguenin S. A., Basel, Switzerland. Production of fast color reserves under ground dyeings. 1,934,789; Nov. 14.
- Brandt, Ralph H., assignor to Universal Oil Products Company, Chicago, Ill. Protective lining for vessels. 1,924,832; Aug. 29.
- Brandt, Richard, Bergedorf, near Hamburg, Germany. Apparatus for oxidizing potassium ferrocyanide to potassium ferricyanide. 1,908,886; May 16.
- Brandt, Walter, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,930,921; Oct. 17.
- Brandt, Walter, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,934,402; Nov. 7.
- Brandt, William A., assignor to Comas Cigarette Machine Company, Salem, Va. Cut-off mechanism. 1,933,785; Nov. 7.
- Brandt, William F., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Silent chain. 1,919,768; July 25.
- Brandtjen, Henry A., assignor to Brandtjen and Kluge, Inc., St. Paul, Minn. Heating appliance for printing presses. 1,894,018; Jan. 10.
- Brandtjen and Kluge, Inc. (See Brandtjen, Henry A., assignor.)
- Braner, Stephen W., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,893,881; Jan. 10.
- Branick, Charles E., Fargo, N. Dak. Drop center wheel holder. 1,935,937; Nov. 21.
- Branick, Charles E., assignor to Branick Manufacturing Company, Incorporated, Fargo, N. Dak. Air tire spreader. 1,908,311; May 9.
- Branick Manufacturing Company. (See Branick, Charles E., assignor.)
- Brannen, Thomas L., assignor to Brown Company, Berlin, N. H. Drier roll. 1,899,256; Feb. 23.
- Brannon, Herbert E., Oak Park, Ill., assignor to Westinghouse Electric Elevator Company. Elevator buffer. 1,929,672; Oct. 10.
- Branson, Edward H. (See Bushnell, C. S., and Branson.)
- Branstrator, Clement G., Fort Wayne, Ind. Pump. 1,917,821; July 11.
- Brantford Roofing Company. (See Fritch, Charles A., assignor.)
- Braren, Cornelius T., Jamaica, assignor, by mesne assignments, to Standard-Knapp Corporation, New York, N. Y. Sealing machine. 1,938,654; Dec. 12.
- Braren, Cornelius T., Jamaica, N. Y., assignor, by mesne assignments, to Standard-Knapp Corporation. Article-collecting machine. 1,904,613; Apr. 18.
- Brasch, Arno, and F. Lange, Berlin, Germany. Vacuum circuit breaker. 1,931,475; Oct. 17.
- Brashear, Douglas W., Richmond, Va. Auction warehouse. 1,898,421; Feb. 21.
- Brashear, Peter C., Castleton-on-Hudson, N. Y. Holder. 1,934,694; Nov. 14.
- Brasier, Oscar H., Tacoma, Wash. Toy savings bank. 1,893,726; Jan. 10.
- Brasington, John M., Cheraw, assignor of one-half to C. S. McCall, Bennettsville, S. C. Feed mechanism. 1,918,449; July 18.
- Brasket, Robert M., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company. Pot making apparatus. 1,914,004; June 13.
- Brassert, H. A., & Company. (See Andrews, Charles W., assignor.)
- Brassert, H. A., & Company. (See Andrews, C. W., and Boynton, assignors.)
- Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)
- Brassert, H. A., & Company. (See Boynton, A. J., and De Lisle, assignors.)
- Brassert, H. A., & Company. (See Boynton, A. J., and Zimmermann, assignors.)
- Brassert, H. A., & Company. (See Brassert, Herman A., assignor.)
- Brassert, H. A., & Company. (See Brassert, H. A., Barrett, and Grilli, assignors.)
- Brassert, H. A., & Company. (See Grilli, J. P., and Vetherbee, assignors.)
- Brassert, H. A., & Company. (See Hulse, Albert J., assignor.)
- Brassert, H. A., & Company. (See Kinney, Selwyne P., assignor.)
- Brassert, H. A., & Company. (See Montgomery, Henry S., assignor.)
- Brassert, H. A., & Company. (See Wille, F., and Grilli, assignors.)
- Brassert, Herman A., assignor to H. A. Brassert & Company, Chicago, Ill. Blast furnace operation. 1,897,750; Feb. 14.
- Brassert, Herman A., assignor to H. A. Brassert & Company, Chicago, Ill. Operation of furnaces. 1,921,212; Aug. 8.
- Brassert, Herman A., assignor to H. A. Brassert & Company, Chicago, Ill. Production of steel. 1,939,874; Dec. 19.
- Brassert, Herman A., F. W. Barret, and J. P. Grilli, assignors to H. A. Brassert & Company, Chicago, Ill. Gas washing apparatus. 1,927,486; Sept. 19.
- Brassert, Walter, Kalamazoo, Mich., and G. V. Gladville, assignors to Concrete Silo Company, Bloomfield, Ind. Forming silo tiles. 1,897,659; Feb. 14.
- Brassert, Walter O., Kalamazoo, Mich. Concrete silo wall member. 1,892,864; Jan. 3.
- Brassert, Walter O., Kalamazoo, Mich. Coating concrete silo blocks. 1,920,627; Aug. 1.
- Bratel, Kurt. (See Wiegand, K., and Bratel.)
- Bratrud, A. F. (See Barnard, Ray D., assignor.)
- Bratton, Ida R. (formerly Ida R. Wainwright), executrix. (See Wainwright, Edw. W., jr.)
- Bratu, Raymond, Paris, France. Aeroplane with four axially arranged engines. 1,928,326; Sept. 26.
- Bratz, Arthur H., Milwaukee, Wis. Tape holder. 1,928,148; Sept. 26.
- Bratz, Otto. (See Burd, G. C., and Bratz.)
- Brauchler, Charles A., Canton, Ohio. Separable blade propeller. 1,926,428; Sept. 12.
- Brauchler, Charles A., Canton, Ohio. Forging cylinders for airplane motors. 1,929,802; Oct. 10.
- Braucht, Frederick A., assignor to Belgard-Spero, Inc., Chicago, Ill. Eyeglasses or spectacles. 1,931,177; Oct. 17.
- Brauer, Arthur J., and F. P. Wagner, St. Louis, Mo. Shoe. Des. 90,355; July 25.
- Brauer, Arthur J., and F. P. Wagner, St. Louis, Mo. Device for attaching wooden heels. 1,898,288; Feb. 21.
- Brauer, Carl F., Stettin, Germany. Stencil. 1,902,539; Mar. 21.
- Brauer, Elijah, Jersey City, N. J. Apparatus for unhairing skins. 1,903,363; Apr. 4.
- Brauer, Ernst W., Berlin-Grunewald, Germany. Feeding of vapour turbines. 1,911,300; May 30.
- Brauer, Hans. (See Nesselmann, K., and Brauer.)
- Brauer, Wilhelm. (See Bornkessel, B., Breitling, Bauer, and Lehmann.)
- Braumuller, George C., Newark, N. J. Sine wave extractor. 1,912,124; May 30.
- Braun, Carl A., Munich, Germany, assignor to International Bitumen Emulsions Corporation, San Francisco, Calif. Water-proofing materials with aqueous emulsions. 1,905,212; Apr. 25.
- Braun, C. F., & Co. (See Evans, Robley D., assignor.)
- Braun, Carl, Inc. (See Williams, Lester J., assignor.)
- Braun, Carl E., Vancouver, and A. H. Lundberg, Seattle, Wash., assignors to Chemipulp Process, Inc., Watertown, N. Y. Continuous process and apparatus for pulping fibrous materials. 1,938,802; Dec. 12.
- Braun, Charles E., Burlington, Vt., assignor to The Barrett Company, New York, N. Y. Removing phenols from liquors containing same. 1,937,941; Dec. 5.
- Braun, Gustav F. (See Smith, E. M., Langley, and Braun.)
- Braun, Karl, Vienna, Austria. Device for cleaning pipe bowls. 1,898,239; Feb. 21.
- Braun, Oswin, Cross Plains, Wis. Rotary hoe attachment for cultivators. 1,908,110; May 9.

- Braun, Philip N., assignor to The Prosperity Company Inc., Syracuse, N. Y. Pressing machine. 1,899,847; Feb. 28.
- Braunsdorf, Otto. (See Eckert, W., and Braunsdorf.)
- Braunstein, Peter, Montreal, Quebec, Canada. Newspaper holder. 1,909,519; May 16.
- Braus, Karl, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Removal of sulphur compounds from gases. 1,916,824; July 4.
- Braverman, Louis, Brooklyn, N. Y. Gladstone bag. 1,897,887; Feb. 14.
- Brawley, Clarence W., Brooklyn, N. Y. Supporting foot. 1,911,010; May 23.
- Brawley, David A., Flint, Mich. Lubricated hinge. 1,898,936; Feb. 21.
- Bray, Stuart E., U. S. Navy. Angle multisector. 1,902,989; Mar. 28.
- Bray, Ulic B., Palos Verdes Estates, Calif., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalyst and process for the production thereof. 1,918,957; July 18.
- Bray, Ulic B., Los Angeles, Calif., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Oxidation of ammonia and catalyst therefor. 1,919,005; July 18.
- Brazelton, Madeline, Kansas City, Mo. Lip stick apparatus. 1,933,538; Nov. 7.
- Brazier, Leslie G. (See Hunter, P. V., Watson, and Brazier.)
- Breaden, Carroll E., assignor to Dayton Scale Company, Dayton, Ohio. Even balance scale. 1,896,281; Feb. 7.
- Breaden, Carroll E., assignor to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,904,614; Apr. 18.
- Breaker, Harry O. (See Hayes, A., and Breaker.)
- Breaker, Harry O., assignor to Industrial Furnace Corporation, Buffalo, N. Y. Annealing box. 1,893,930; Jan. 10.
- Brearton, John L., Savanna, Ill. Berth attachment. 1,910,085; May 23.
- Breault, Emil, Hingham, Mass. Play horse. 1,914,732; June 20.
- Brecht, Carl, Indianapolis, Ind. Picture frame. 1,922,567; Aug. 15.
- Brecht, George F., assignor to Weston Paper and Manufacturing Co., Dayton, Ohio. Display rack on stand. 1,895,335; Jan. 31.
- Brecht, Winston A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid pressure braking system. 1,922,227; Aug. 15.
- Breck, Spencer, Shaker Heights, Ohio. Coin bank. Des. 89,549; Mar. 28.
- Bredenbreker, Fritz, Cologne-Deutz, assignor to Humboldt-Deutzmotoren A. G., Cologne, Germany. Internal combustion locomotive. 1,908,729; May 16.
- Bredin, Lewis L., assignor to Chamberlin Metal Weatherstrip Co., Detroit, Mich. Automobile window screen. 1,904,968; Apr. 18.
- Breding, Ralph H., Detroit, Mich. Toy duck. Des. 90,566; Aug. 29.
- Breding, Ralph H., Detroit, Mich. Toy rooster. Des. 90,567; Aug. 29.
- Breding, Ralph H., Detroit, Mich. Toy dog. Des. 90,568; Aug. 29.
- Breding, Ralph H., Detroit, Mich. Toy duck. Des. 90,569; Aug. 29.
- Breding, Ralph H., Detroit, Mich. Toy rabbit. Des. 90,570; Aug. 29.
- Breding, Ralph H., Detroit, Mich. Toy monkey. Des. 90,571; Aug. 29.
- Breece, George E., Albuquerque, N. Mex. Wire feeding device for stapling machines. 1,896,661; Feb. 7.
- Breece, George E., Albuquerque, N. Mex. Stapling machine. 1,909,451; May 16.
- Breed, Charles W., Western Springs, and G. R. Burkhardt, Chicago, Ill. Railway joint bar. Re18,786; Apr. 4.
- Breed, Maurice E., St. Louis, Mo. Safety cableless multiple elevators. 1,902,946; Mar. 28.
- Breeding Coal Stoker Corporation, The. (See Schlotman, Frank J., assignor.)
- Breeding, Harold A., Schenectady, N. Y., assignor to General Electric Company. Lighting fixture. 1,915,975; June 27.
- Breeler, Walter R., and F. T. Harrington, assignors to Whitman & Barnes, Inc., Detroit, Mich. Making composite reamers. 1,908,887; May 16.
- Breer, Carl, and M. L. Carpentier, assignors to Chrysler Corporation, Detroit, Mich. Injector. 1,909,452; May 16.
- Breerwood, Charles H., Narberth, Pa., assignor to Valley Forge Cement Company. Manufacture of cement. 1,931,921; Oct. 24.
- Breese Brothers Company, The. (See Rosenhagen, Victor, assignor.)
- Breguet, Louis, Paris, France. Device for stabilizing and controlling aircraft provided with rotatable wings, of the helicopter type. 1,893,395; Jan. 3.
- Breguet, Louis, assignor to Societe Anonyme des Ateliers d'Aviation Louis Breguet, Paris, France. Wing structure for flying machines. 1,919,088; July 18.
- Breguet, Louis, assignor to Societe Anonyme Des Aletliers d'Aviation Louis Breguet, Paris, France. Brake control for aeroplanes. 1,927,353; Sept. 19.
- Breguet, Louis, and René Dorand, Paris, France; said Dorand assignor to said Breguet. Flying machine having revolving supporting surfaces. 1,919,089; July 18.
- Brehm, Paul J., et al. (See Witaschek, John H., assignor.)
- Brehmer, Gebrüder. (See Kleinschmit, Oscar, assignor.)
- Brehmer, Gebrüder. (See Kleinschmit, O., and Geissler, assignors.)
- Brehmer, Gebrüder. (See Müller, Oskar, assignor.)
- Breidert, George C., Oak Park, assignor to Ilg Electric Ventilating Company, Chicago, Ill. Ventilator. 1,907,727; May 9.
- Breisch, George T. (See Cook, M. F., and Breisch.)
- Breisky, John V., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective system. Re18,740; Feb. 14.
- Breisky, John V., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective apparatus. 1,899,745; Feb. 28.
- Breisky, John V., Pittsburgh, and T. Draper, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Oil burner control system. 1,899,744; Feb. 28.
- Breisky, John V., Pittsburgh, and T. Draper, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. Oil burner control system. 1,911,347; May 30.
- Breisky, John V., Pittsburgh, and T. Draper, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. Fuel burner system. 1,924,304; Aug. 29.
- Breit, Edward, and J. H. Ford, Leslie, W. Va., assignors to The Berwind-White Coal Mining Company, Windber, Pa. Machine for cutting coal. 1,924,347; Aug. 29.
- Breitenbach, Karl, Siegen, Germany. Machine for the manufacture of sheet metal tubes and other tubular members. 1,915,257; June 20.
- Breitenstein, Albert F., assignor to The Geometric Tool Company, New Haven, Conn. Self-opening die head. 1,923,074; Aug. 22.
- Breiting, Ernst. (See Bornkessel, B., Breiting, Brauer, and Lehmann.)
- Breiting, Ernst, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Total taking mechanisms. 1,899,455; Feb. 28.
- Breitwieser, Heinrich, Griesheim, near Darmstadt, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Nuremberg, Germany. Eccentric lifting device. 1,893,014; Jan. 3.
- Brell, Jules J., assignor of one-third to H. Radzinsky, New York, N. Y. Tub cover. 1,910,821; May 23.
- Brell, Jules J., assignor of one-third to H. Radzinsky, New York, N. Y. Electrical connection device. 1,923,073; Aug. 22.
- Brell, Jules J., assignor of one-third to Harry Radzinsky, New York, N. Y. Electrical connection device. 1,938,093; Dec. 5.
- Brelsford, Harry E., assignor to Diamond Power Specialty Corporation, Detroit, Mich. De-dusting apparatus. 1,922,075; Aug. 15.
- Bremer, Norman C., assignor to Morse Chain Company, Ithaca, N. Y. Retaining clip for drive chains. 1,933,653; Nov. 7.
- Bren, Bozotech C., Arlington, N. J., assignor to Du Pont Viscoloid Company, Wilmington, Del. Safety glass. 1,915,085; June 20.
- Brenaman, Harry A. (See Schmidt, V. P., and Brenaman.)
- Brendlin, Herman J., assignor to The Hayward Company, New York, N. Y. Bucket or grapple. 1,909,520; May 16.
- Brendlin, Herman J., assignor to The Hayward Company, New York, N. Y. Excavating shovel. 1,917,492; July 11.
- Brenizer, Orson W., assignor of one-fourth to A. V. Groupe, Philadelphia, Pa. Wire connecting device. 1,936,185; Nov. 21.
- Brenn, Carl W., Montclair, N. J. Folding machine. 1,938,536; Dec. 5.
- Brennan, Charles T., Waterbury, Conn. Cut-off mechanism for ball machines. 1,897,359; Feb. 14.
- Brennan, Daniel A., Chicago, Ill. Fastener. Re18,770; Mar. 21.
- Brennan, Edward J., Hasbrouck Heights, N. J., assignor to Feminine Products, Inc., New York, N. Y. Container closure. Des. 90,061; June 6.
- Brennan, John B., Atlanta, Ga. Return type rake distributor and electric control. 1,899,791; Feb. 28.
- Brennan, Joseph B., Lexington, Mass. Acoustic diaphragm. 1,923,965; Aug. 22.
- Brennan, Joseph B., Lexington, Mass. Constructing acoustic diaphragms. 1,923,966; Aug. 22.
- Brennan, Mark O., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Wrapping food products. 1,913,828; June 13.
- Brennan, Raymond F., Attleboro, Mass. Ornamental cross. Des. 90,645; Sept. 12.
- Brennan, Thomas F., Chicago, Ill. Collapsible bullet shield structure for automobiles. 1,928,306; Sept. 26.
- Brennecke, Robert A., Evanston, Ill. Molded article. 1,913,473; June 13.
- Brenneis Manufacturing Company. (See Furrer, Samuel S., assignor.)
- Brenneis Manufacturing Company. (See Stewart, James S., assignor.)

- Brennen, William J., Scottsdale, Pa. Oven regulator. 1,925,297; Sept. 5.
- Brenner, Jacob, Maplewood, N. J. Calendar. 1,921,451; Aug. 8.
- Brenner, John G. and B. W., Cobham, England. Automatic selective sound reproducing machine. 1,915,848; June 27.
- Brenner, Louis, New York, N. Y. Printing machine. 1,909,844; May 16.
- Brenner, Louis, New York, N. Y. Card case. 1,915,213; June 20.
- Brenner, Rudolph. (See Kelly, J. L., Brenner, and Hoffer.)
- Brennesholtz, Richard C. (See Bayman, F., and Brennesholtz.)
- Brent, Lynton W. (See Rohrs, W., and Brent.)
- Brenzinger, Julius, Fairfield, assignor to The Max Ams Chemical Engineering Corporation, Bridgeport, Conn. Winding mechanism. 1,899,227; Feb. 28.
- Brenzinger, Julius, Fairfield, assignor to The Max Ams Chemical Engineering Corporation, Bridgeport, Conn. Winding machine. 1,926,081; Sept. 12.
- Brenzinger, Julius, Fairfield, assignor to The Max Ams Chemical Engineering Corporation, Bridgeport, Conn. Ascertaining and recording the thickness or denier of thread. 1,940,072; Dec. 19.
- Breon, George A., and Company. (See Becker, Maxwell M., assignor.)
- Breslau, Milton K., New York, N. Y. Box. 1,898,654; Feb. 21.
- Breslau, Rudolf, Leipzig, Germany. Production of color plates. 1,896,739; Feb. 7.
- Breslow, Edward, Camden, N. J. Folding ladder. 1,935,349; Nov. 14.
- Bresnahan, William H., Lynn, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Affixing soles. 1,893,015; Jan. 3.
- Bresnahan, William H., Lynn, Mass., assignor, by mesne assignments, to Compo Shoe Machinery Corporation, New York, N. Y. Making footwear. 1,904,851; Apr. 18.
- Bressler, Robert E., Oregon, Ill. Coal burning device. 1,928,166; Sept. 26.
- Bressler, Robert E., Oregon, Ill. Coal burner. 1,928,167; Sept. 26.
- Bressler, Robert E., Hammond, and D. V. Moses, assignors to Graver Corporation, East Chicago, Ind. Salt container for zeolite regeneration. 1,898,812; Feb. 21.
- Bretch, Edward, St. Louis, Mo. Alternating current motor. 1,934,909; Nov. 14.
- Brett, Edward L., assignor of one-half to T. H. Dearn, Burbank, Calif. Nonreverse device for shafts. 1,925,081; Sept. 5.
- Brett, William H., Shaker Heights Village, assignor to The Enamel Products Company, Cleveland, Ohio. Apparatus for forming flanges. 1,912,930; June 6.
- Bretträger, Peter, Budapest, Hungary. Driving device operated by the weight and muscular force of the human body. 1,933,654; Nov. 7.
- Bretz, George W., Galveston, Tex. Line guide. 1,917,493; July 11.
- Bretz, John S. (See Gabel, W. J., and Bretz.)
- Breuer, Adam A., Chicago, Ill. Sprayer. 1,911,603; May 30.
- Breuer, Maude E. (See Humphrey, Lee S., assignor.)
- Breuls, Harold E. and R. W., Toronto, Ontario, Canada. Applying surgical gloves. 1,938,685; Dec. 12.
- Breuls, Robert W. (See Breuls, Harold E. and R. W.)
- Breunig, Will. (See Ledig, W., Müller, and Breunig.)
- Brevolite Lacquer Co. (See Bucy, Edmund H., assignor.)
- Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury. Pneumatically operated power device. 1,908,471; May 9.
- Brewer, Chas. A., & Sons. (See Brewer, Kenneth E., assignor.)
- Brewer, Chas. A., & Sons. (See Brewer, Nelson C., assignor.)
- Brewer, Clarence T., assignor of one-third to E. W. Menke and one-third to H. E. Hillstrom, Chicago, Ill. Actinometer. 1,931,283; Oct. 17.
- Brewer, Ethel P., Wayne, N. J. Window curtain tie-back. Des. 90,525; Aug. 22.
- Brewer, Everett C., Los Angeles, Calif. Mixer. 1,930,948; Oct. 17.
- Brewer, Francis A., assignor of one-half to H. E. Simcoe, Syracuse, N. Y. Hanger rail. 1,909,334; May 16.
- Brewer, Francis T., assignor to General Motors Radio Corporation, Dayton, Ohio. Inductance. 1,904,199; Apr. 18.
- Brewer, John F., Ossining, assignor of one-half to Arthur Greenfield, New York, N. Y. Lifter. 1,901,729; Mar. 14.
- Brewer, John G., New Orleans, La. Brake operating mechanism. 1,916,654; July 4.
- Brewer, Joseph, New York, N. Y. Window screen. 1,933,584; Nov. 7.
- Brewer, Kenneth E., assignor to Chas. A. Brewer & Sons, Chicago, Ill. Collapsible holder. 1,902,011; Mar. 21.
- Brewer, Nelson C., assignor to Chas. A. Brewer & Sons, Chicago, Ill. Table pad. 1,928,616; Oct. 3.
- Brewer, Richard H., assignor to The Halsey W. Taylor Company, Warren, Ohio. Apparatus for cooling liquids. 1,940,741; Dec. 26.
- Brewer, Stanley H., Dundalk, Md. Reversible window hinge. 1,904,717; Apr. 18.
- Brewer-Titchener Corporation, The. (See Card, Charles S., assignor.)
- Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
- Brewer-Titchener Corporation, The. (See Stannard, Bruce M., assignor.)
- Brewer, William P., Rockdale, and J. T. Jones, assignors to Tennessee Products Corporation, Nashville, Tenn. Cupola. 1,925,519; Sept. 5.
- Brewerton, Arthur E., Purley, England, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic compass. 1,920,241; Aug. 1.
- Brewin, Wilfred, Leicester, England. Circular knitting machine. 1,907,341; May 2.
- Brewster, George A., Buffalo, N. Y. Operating table. 1,912,471; June 6.
- Brewster, Harold, Herman, Nebr. Button. 1,938,996; Dec. 12.
- Brewster, Harry C., assignor to Oil City Iron Works, Shreveport, La. Drilling apparatus. 1,898,937; Feb. 21.
- Brewster, Henry G., Derby, assignor to Farrell-Birmingham Company, Incorporated, Ansonia, Conn. Rubber refining machine. 1,930,873; Oct. 17.
- Brewster, Nehemiah H., Brooklyn, N. Y., assignor to Chelsea Fibre Mills. Manufacture of rugs and the like. 1,907,492; May 9.
- Brewster, Oswald C., and W. M. Perry, Casper, Wyo., assignors to Standard Oil Company, Whiting, Ind. Apparatus for treating hydrocarbon oils. 1,909,335; May 16.
- Brey & Krause Manufacturing Company. (See Pudliner, John, assignor.)
- Breyfogel, Albert W., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 1,928,478; Sept. 26.
- Brezinski, Anton. (See Krause, Albert B., assignor.)
- Brezinski, Anton, Perth Amboy, N. J. Window pane retaining strip. 1,918,797; July 18.
- Brezovitz, Anton, assignor to Best Body Corporation, Coatesville, Pa. Dump body for vehicles. 1,931,526; Oct. 24.
- Bribet, Georges, La Rochelle, France. Elements of construction. 1,915,011; June 20.
- Brice, Albert L., assignor to The Frederick Iron and Steel Company, Frederick, Md. Locomotive cylinder cock. 1,936,581; Nov. 28.
- Brice, Henry E., New York, N. Y. Automatic brake adjuster. 1,900,791; Mar. 7.
- Brice, Norman E., Millburn, N. J., assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 1,937,330; Nov. 28.
- Brick, Perry A., Rome, N. Y., assignor to Revere Copper & Brass Incorporated. Road grader. 1,927,679; Sept. 19.
- Brick, Perry A., Rome, N. Y., assignor to Revere Copper & Brass Incorporated. Road grader. 1,927,680; Sept. 19.
- Bricka, Howell V. (See Calcott, W. S., and Bricka.)
- Bricken, John (now by judicial change of name to J. G. Beaver), East Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Typewriting and calculating machine. 1,899,936; Mar. 7.
- Bricker, Carrie M., East Cleveland, Ohio. Dough blender. 1,919,006; July 18.
- Bricker, John A. and W. H. Stucker, Canton, Ohio. Radio apparatus. 1,932,171; Oct. 24.
- Bricker, Paul E., Michigan City, Ind. Headlight attachment. 1,892,976; Jan. 3.
- Brickman, Carl L., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Obtaining treads consisting of two different kinds of rubber compound. 1,913,330; June 6.
- Bridge, George L., Clayton, Mo. Coal stove. Des. 90,015; May 30.
- Bridge, George L., Clayton, Mo. Coal stove. Des. 90,231; July 4.
- Bridge, William D., Los Angeles, Calif., assignor of one-third to E. O. Boggs, Winfield, Kans., and one-third to W. S. Bryan, Seminole, Okla. Boiler circulator and cleaner. 1,915,484; June 27.
- Bridgeport Brass Company. (See Brown, Gregory, assignor.)
- Bridgeport Brass Company. (See MacDonald, William F., assignor.)
- Bridgeport Brass Company. (See Monroe, Kenneth C., assignor.)
- Bridgeport Coach Lace Company, The. (See Becker, George H., assignor.)
- Bridgeport Hardware Manufacturing Corporation, The. (See Curtis, Harry B., assignor.)
- Bridgeport Metal Goods Manufacturing Company. (See Abbotts, Leonard, assignor.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Ferris, Isaac L., assignor.)
- Bridgeport Metal Goods Mfg. Co., The. (See Ferris, I. L., and Fullmer, assignors.)
- Bridgeport Metal Goods Manufacturing Company, The. (See Fullmer, Giles C., assignor.)
- Bridgeport Metal Goods Manufacturing Company. (See Ryder, R. F., and Pazar, assignors.)
- Bridgeport Metal Goods Manufacturing Corporation, The. (See Houlihan, Rudolph N., assignor.)
- Bridgeport Switch Company, The. (See Engstrom, Henry O., assignor.)
- Bridges, Edward G., Anderson, Ind., assignor to Lynch Corporation. Glass gathering tank. 1,898,289; Feb. 21.

- Bridges, James, London, England, assignor to Republic Flow Meters Company, Chicago, Ill. Pyrometer adapted to the control of temperature. 1,893,134; Jan. 3.
- Bridges, Kenneth L., assignor to Socony-Vacuum Corporation, New York, N. Y. Lubricating chart holder and display apparatus. 1,931,016; Oct. 17.
- Bridgewater, Hurlbert R., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Weighing mechanism. 1,897,168; Feb. 14.
- Bridgman, Arthur L., Boston, Mass. Bell ringer. 1,929,197; Oct. 3.
- Bridgman, E. C., jr., et al. (See Gordon, Lincoln, assignor.)
- Bridgwater Machine Company, The. (See Kraft, Herman T., assignor.)
- Bridier, Fernand, Paris, France. Textile fabric or similar article. Des. 88,854; Jan. 3.
- Bridier, Fernand, Paris, France. Textile fabric or similar article. Des. 89,367; Feb. 28.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,948; Jan. 10.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,006; Jan. 10.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,007; Jan. 10.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,100; June 13.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,148; June 20.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,149; June 20.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,150; June 20.
- Bridier, Fernand, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,151; June 20.
- Bridley, Walter L., assignor to Wright, Kay and Company, Detroit, Mich. Ring mounting. 1,929,236; Oct. 3.
- Bried, Julien A., Oakland, Calif. Electric heater, recess type. 1,928,642; Oct. 3.
- Bried, Julien A., Oakland, Calif. Electric heater. 1,928,643; Oct. 3.
- Briegel, Anthony J., Pittsburgh, Pa. Ventilating unit for stoves. 1,895,371; Jan. 24.
- Briegel, Theodore, Rock Island, Ill. Window guard. 1,935,695; Nov. 21.
- Brieger, Ferdinand, Berlin-Johannisthal, Germany, assignor to General Electric Company. Heat treating apparatus. 1,925,028; Aug. 29.
- Briel, William A., Evansville, Ind. Ventilating flue cap. 1,938,131; Dec. 5.
- Brien, Joseph R., assignor of one-half to Camille Lapiere, Montreal, Quebec, Canada. Skate. 1,900,040; Mar. 7.
- Brierly, Benjamin R., Seattle, Wash. Canned fish package and preparing the same. 1,905,338; Apr. 25.
- Brietzke, Adrian P., assignor to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Pressure gauge. 1,894,153; Jan. 10.
- Briggs, Albert, Vallejo, Calif. Magnetic fluid gauge. 1,922,273; Aug. 15.
- Briggs, Alfred, Chicago, Ill. Curtain stretcher. 1,939,841; Dec. 19.
- Briggs, Alva S., assignor of one-fourth to R. C. Riggan, and one-fourth to R. F. Ridings, Adams, Tenn. Weed and grass cutter. 1,920,169; Aug. 1.
- Briggs, Arthur J., assignor to Briggs Loom Corporation, Syracuse, N. Y. Loom. 1,925,044; Aug. 29.
- Briggs, George, Maida Vale, London, assignor of one-half to Valentine Smith, London, England. Advertising and like device. 1,913,870; June 13.
- Briggs, George, Maida Vale, London, England. Holder for advertising devices, showcards and other articles. 1,932,154; Oct. 24.
- Briggs, John F., and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivatives. 1,934,648; Nov. 7.
- Briggs, Leslie F. (See Thompson, W., and Briggs.)
- Briggs Loom Corporation. (See Briggs, Arthur J., assignor.)
- Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
- Briggs Manufacturing Company. (See Ross, Frederick N., assignor.)
- Briggs Manufacturing Company. (See Ross, F. N., and Everitt, assignors.)
- Briggs Manufacturing Company. (See Ross, F. N., and Johnson, assignors.)
- Briggs, Norman R. (See Halsted, H. J., and Briggs.)
- Briggs, Orville B., and G. M. Richard, assignors to Safety Belt Lacer Company, Toledo, Ohio. Method and apparatus for making belt lacing hooks. 1,900,156; Mar. 7.
- Briggs, Robert W., and F. Cole, Pharr, Tex. Wire cutting and twisting device. 1,920,056; July 25.
- Briggs-Shaffner Company. (See Shaffner, Henry F., assignor.)
- Briggs, Stephen F., assignor to Briggs and Stratton Corporation, Milwaukee, Wis. Lubricating mechanism for automotive vehicles. 1,929,477; Oct. 10.
- Briggs, Stephen F., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic brake for window lifters. 1,937,626; Dec. 5.
- Briggs, Stephen F., Chenequa, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,937,942; Dec. 5.
- Briggs & Stratton Corp. (See Andrew, Fred W., assignor.)
- Briggs & Stratton Corporation. (See Austin, Harvey D., assignor.)
- Briggs and Stratton Corporation. (See Briggs, Stephen F., assignor.)
- Briggs & Stratton Corporation. (See Brown, Jerome, assignor.)
- Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
- Briggs and Stratton Corporation. (See Jacobi, Edward N., assignor.)
- Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
- Briggs & Stratton Corporation. (See Nicholson, Stanley W., assignor.)
- Briggs & Stratton Corp. (See Skinner, Robert A., assignor.)
- Briggs & Stratton Corporation. (See Stuckert, Felix J., assignor.)
- Briggs, William N., Pittsfield, Mass., assignor to General Electric Company. Coil winding machine. 1,919,928; July 25.
- Brigham, Edmund, jr. (See Kopsa, J., and Brigham, jr.)
- Brigham, Edmund D., jr. (See Kopsa, J., and Brigham.)
- Brigham, Edmund D., jr. (See Kopsa, J., and Brigham, jr.)
- Bright, Jesse L., assignor to Crown Stove Works, Cicero, Ill. Heater. 1,916,297; July 4.
- Bright, Keith C., and J. N. Sweeney, Champion, Nebr. Tire trunk. 1,897,888; Feb. 14.
- Brightman, Rainald, Manchester, England, assignor to Imperial Chemical Industries, Limited. Azo dye. 1,904,820; Apr. 18.
- Brightman, Rainald, Manchester, assignor to Imperial Chemical Industries Limited, Westminster, England. Disazo dyestuffs and preparing same. 1,904,821; Apr. 18.
- Brightman, Rainald, Manchester, assignor to Imperial Chemical Industries, Limited, Westminster, England. Azo dyestuffs and preparing same. 1,904,822; Apr. 18.
- Brightman, Rainald, and W. L. B. Wellcott, Blackley, Manchester, assignor to Imperial Chemical Industries Limited, Westminster, England. Azo dyes and their production. 1,933,585; Nov. 7.
- Bright Star Battery Company, The. (See Buchholz, Max E., assignor.)
- Bright Star Battery Company. (See Desimone, Anthony J., assignor.)
- Bright Star Battery Company. (See Gronbech, Christian E. A., assignor.)
- Bright Star Battery Company. (See Horowitz, Max, assignor.)
- Bright Star Battery Company. (See Koretzky, H., Horowitz, and Desimone, assignors.)
- Bright Star Battery Company. (See Koretzky, H. M., and Keller, assignors.)
- Brikholz, Hans E., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Filtration medium. 1,897,976; Feb. 14.
- Briley, Lulu P., assignor of one-half to J. D. Stevens, Cushing, Okla. Machine for mending knitted fabrics. 1,928,168; Sept. 26.
- Brill, J. G., Company, The. (See Latshaw, Elmer, assignor.)
- Brill, J. G., Company, The. (See Rosebrook, Guy L., assignor.)
- Brill, John L., Charleston, W. Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for catalytic gaseous reactions. 1,893,492; Jan. 10.
- Brill, Joseph M., Cleveland, Ohio, assignor, by mesne assignments, to Consolidated Connector Patent Corporation, Wilmington, Del. Support for an automatic connector. 1,896,349; Feb. 7.
- Brill, Joseph M., and M. A. Barber, assignors to Consolidated Connector Patent Corporation, Cleveland, Ohio. Gasket for train pipe conduits. 1,918,685; July 18.
- Brill, Karl F., Sterkrade, Germany. Puppet head. 1,821,502; Aug. 8.
- Brillo Manufacturing Company. (See Field, Crosby, assignor.)
- Brillo Manufacturing Company. (See Field, C., and Campbell, assignors.)
- Brindley, Ralph, Tocomo, Wash. Electric branding iron. 1,905,364; Apr. 25.
- Briney, Perry G., Torrance, Calif. Insulator. 1,896,937; Feb. 7.
- Bringmann, Irving W., Pittsburgh, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Jacketed vessel. 1,916,751; July 4.
- Brink, Henry A., Spring Lake, Mich. Fountain structure. 1,903,974; Apr. 18.
- Brink, Mehl O., Houston, Tex. Reamer for well drills. 1,937,742; Dec. 5.
- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Rim. 1,908,281; May 9.

- Brink, Winfield S., assignor to The Firestone Steel Products Company, Akron, Ohio. Dual and single rim wheel. 1,919,499; July 25.
- Brinker, Henry J., Whitaker, and C. McIntyre, Sharon, Pa. Rat trap. 1,908,816; May 16.
- Brinker, Richard J., Washington, D. C. Stone and masonry renovating device. 1,928,246; Sept. 26.
- Brinkhaus, Paul. (See Imhoff, K., Sierp, and Brinkhaus.)
- Brinkmann, August H., and G. H. Rice, jr., Catonsville, assignors of one-fifth to Emil Gathmann, Baltimore, Md. Throttle valve control. 1,910,744; May 23.
- Brinson, Walter T. (See Padgett, W. R., and Brinson.)
- Brintnall, Frank W., Detroit, Mich., assignor, by mesne assignments, to National Automotive Fibres, Inc., Wilmington, Del. Plait forming apparatus. 1,903,618; Apr. 11.
- Brintnall, Frank W., and F. N. Ross, Detroit, Mich., assignors, by mesne assignments, to National Automotive Fibres, Inc., Wilmington, Del. Pad-stitching or tacking machine. 1,915,012; June 20.
- Brinton, H., Company. (See Levin, Nathan, assignor.)
- Brinton, H., Company. (See Sanders, Joseph J., assignor.)
- Brinton, Howard G., Pittsfield, Mass., assignor to General Electric Company. Electric control circuit. 1,919,053; July 18.
- Brinton, William C., jr., Harper, Wash. Metering device. 1,926,138; Sept. 12.
- Brinviilers, Arthur H., Chelsea, London, England. Roof and cover, particularly adapted for motor cars and the like. 1,917,695; July 11.
- Brisbane, Edith E. (See Duell, C. H., Brisbane, and Clarke.)
- Bristol Aeroplane Company, Limited, The. (See Pearce, Llewellyn T., assignor.)
- Bristol, Carlton W., and A. Noble, Naugatuck, assignors to The Bristol Company, Waterbury, Conn. Fitting for measuring elements. 1,904,615; Apr. 18.
- Bristol Company, The. (See Bean, Laurence G., assignor.)
- Bristol Company, The. (See Beane, H. E., and Lonergan, assignors.)
- Bristol Company, The. (See Borden, Perry A., assignor.)
- Bristol Company, The. (See Bristol, C. W., and Noble, assignors.)
- Bristol Company, The. (See Bristol, W. H., and Smith, assignors.)
- Bristol Company, The. (See Faust, Fred A., assignor.)
- Bristol Company, The. (See Mabey, Arthur R., assignor.)
- Bristol Company, The. (See Mansure, Arthur J., assignor.)
- Bristol, Cyrus J., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Hydraulic lift for vehicles. 1,900,483; Mar. 7.
- Bristol, Cyrus J., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Hydraulic lift. 1,923,418; Aug. 22.
- Bristol, Cyrus J., assignor to Globe Machinery and Supply Company, Des Moines, Iowa. Wheel guide for motor vehicle servicing hoists. 1,925,432; Sept. 5.
- Bristol, Cyrus J., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Auxiliary track device for automobile lifts. 1,926,368; Sept. 12.
- Bristol, Edgar H., assignor to The Foxboro Company, Foxboro, Mass. Control system. 1,917,092; July 4.
- Bristol, George W., Meriden, Conn. Flexible spring pad. 1,897,836; Feb. 14.
- Bristol Nurseries, Inc. (See Cumming, Alexander, jr., assignor.)
- Bristol, William H., Waterbury, and F. A. Smith, Union City, assignors to The Bristol Company, Waterbury, Conn. Cross-link for tire chains. 1,914,106; June 13.
- Bristow, Paul W., Wilmington, and H. E. Houseman, Edge Moor, assignors to Standard-Trump Bros. Machine Company, Wilmington, Del. Process and machine for producing knitted fabrics. 1,922,119; Aug. 15.
- Britain, Glenn H., assignor to The Adlake Company, Chicago, Ill. Window construction. 1,919,359; July 25.
- British Adding and Calculating Machines, Limited. (See Ball, William, assignor.)
- British Coal Distillation Limited. (See Machen, Clifford, assignor.)
- British Dyestuffs Corporation, Limited. (See Davidson, A., and Shepherson, assignors.)
- British Electrical and Allied Industries Research Association, The. (See Whitney, W. B., and Wedmore, assignors.)
- British India Corporation Limited, The. (See Peace, Gordon, assignor.)
- British Maxium, Limited. (See Lacell, Maurice N., assignor.)
- British Oil Cleaners Limited. (See Fox, Charles E., assignor.)
- British Radiostat Corporation Limited. (See Levy, L. A., and West, assignors.)
- British Radiostat Corporation Limited. (See Robinson, James, assignor.)
- British Rema Manufacturing Co., Ltd. (See Howden, Peter, assignor.)
- British Sure Seal Company, Limited, The. (See Stephens, William A., assignor.)
- British Talkiescope Limited. (See Roberts, Joseph H. T., assignor.)
- Britsch, Otto C., Woodhaven, assignor to H. Hyman, Brooklyn, N. Y. Device for playing a game. 1,932,443; Oct. 31.
- Britsch, Otto C., New York, N. Y., assignor to H. Hyman, Brooklyn, N. Y. Flashlight cap. 1,940,843; Dec. 26.
- Britt, Max, and M. Vanderkloot, assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Meat mold. 1,928,877; Oct. 3.
- Brittain, John G., Walla Walla, Wash. Collar support. 1,940,291; Dec. 19.
- Brittain, Monroe, Chickasha, Okla. Locomotive oil burner. 1,894,481; Jan. 17.
- Brittain, Richard J., jr., Bloomfield, and O. W. Young, East Orange, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 1,899,010; Feb. 28.
- Brittain, Richard J., jr., Bloomfield, and O. W. Young, East Orange, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 1,910,518; May 23.
- Brittain, Richard J., jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Guard or shield. 1,922,076; Aug. 15.
- Brittain, Richard J., jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Journal box and frame connection. 1,929,803; Oct. 10.
- Britten, Edwin F., jr., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,918,973; June 13.
- Britton, Carl. (See Blaydes, W., and Britton.)
- Britton, Edgar C. (See Hale, W. J., and Britton.)
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Insecticide. 1,907,493; May 9.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Disinfectant. 1,907,728; May 9.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Sodium ortho-phenyl phenate and preparing same. 1,917,749; July 11.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Treatment of reactors. 1,921,726; Aug. 8.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Preparation of trichlorobenzene. 1,923,419; Aug. 22.
- Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Preparation of amino ethers and derivatives thereof. 1,932,653; Oct. 31.
- Britton, Edgar C., and W. E. Reed, assignors to The Dow Chemical Company, Midland, Mich. Purification of diphenyl oxide. 1,899,257; Feb. 28.
- Britton, Edgar C., and R. F. Prescott, assignors to The Dow Chemical Company, Midland, Mich. Separation of methane from hydrocarbon gas mixtures. 1,908,312; May 9.
- Britton, Edgar C., S. L. Bass, and N. Elliott, assignors to The Dow Chemical Company, Midland, Mich. Isolating and purifying hydroquinone. 1,908,817; May 16.
- Britton, Edgar C., and R. D. Holmes, assignors to The Dow Chemical Company, Midland, Mich. Separating alkyl anilines. 1,908,951; May 16.
- Britton, Edgar C., and W. R. Reed, assignors to The Dow Chemical Company, Midland, Mich. Separating chloronaphthalenes. 1,917,822; July 11.
- Britton, Edgar C., and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of cyclohexylphenols. 1,917,823; July 11.
- Britton, Edgar C., and W. R. Reed, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of coumarin. 1,920,494; Aug. 1.
- Britton, Edgar C., and F. Bryner, assignors to The Dow Chemical Company, Midland, Mich. Separating isomeric mono-chloro-ortho-hydroxy-diphenyls. 1,921,727; Aug. 8.
- Britton, Edgar C., S. L. Bass, and N. Elliott, assignors to The Dow Chemical Company, Midland, Mich. Making hydroquinone. 1,934,656; Nov. 7.
- Britton, Edgar C., Midland, Mich., and F. Bryner, Berkeley, Calif., assignors to The Dow Chemical Company, Midland, Mich. Making imides of ketones. 1,938,890; Dec. 12.
- Britton, Frederick C., sr., Petersburg, Ind. Flue opening stop or closer. 1,895,536; Jan. 31.
- Britton, Harry C., Syracuse, assignor to Solvay Process Company, Solvay, N. Y. Production of sodium sesquicarbonate. 1,911,794; May 30.
- Britton, John G. (See Hopkinson, H., and Britton.)
- Britton, Loyal H., Indianapolis, Ind. Swinging closure holder and lock. 1,932,444; Oct. 31.
- Britton, Samuel F., Covington, Ky. Marker and flower holder. 1,924,149; Aug. 29.
- Brizzolara, Aristo, jr. (See Bracken, William A., assignor.)
- Broadbent, John H., Ridley Park, Pa. Method and apparatus for preventing improper cut-in of cab signals. 1,898,478; Feb. 21.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Pen operating mechanism for ruling machines. 1,895,537; Jan. 31.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 1,915,258; June 20.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding mechanism. 1,924,908; Aug. 29.

- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Ruling machine. 1,934,224; Nov. 7.
- Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 1,939,589; Dec. 12.
- Broadus, Lloyd G., Los Angeles, Calif. Reed gauge. 1,915,289; June 27.
- Broadwell, Bartley E., Lewiston, assignor to The Republic Carbon Company, Niagara Falls, N. Y. Bottom for slag tap furnaces. 1,940,115; Dec. 19.
- Broadwell, Edward H. (See Fogarty, Charles J., assignor.)
- Broadwell, Edward H., receiver. (See Clark, George W., assignor.)
- Broadwell, Edward H., receiver. (See Fogarty, Charles J.)
- Broadwell, Howard, Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stroboscopic system. 1,910,982; May 23.
- Brobeck, Arnold, Karskar, Gavle, Sweden. Digestion of materials containing cellulose. 1,914,073; June 13.
- Broche, Hans, and Helmut Schmitz, Essen, Germany. Production of hydrogenated naphthalenes from technical naphthalene. 1,896,282; Feb. 7.
- Brochu, Arthur J., Grand Rapids, Mich. Tooth paste dispenser. 1,906,837; May 2.
- Brocius, Lawrence E., Summerville, Pa. Change over device. 1,893,576; Jan. 10.
- Brock, Clair C. (See Foster, Q. H., and Brock.)
- Brock, Clarence A. (See Gerhardt, W. F., and Brock.)
- Brock, Denis T. (See Boughton, E. B., Emmott, and Brock.)
- Brock, Edison, Cincinnati, Ohio, assignor to Railway Engineering Equipment Company, Chicago, Ill. Railway terminal of the direct steaming type. 1,896,765; Feb. 7.
- Brock, Edward P., Danvers, Mass. Blow-off deheater for boilers. 1,924,733; Aug. 29.
- Brock, Frank P. (See Redman, L. V., Weith, and Brock.)
- Brock, Jack F., Scio, Oreg. Automobile heater. 1,903,653; Apr. 11.
- Brock, John D., Kansas City, Mo. Spectacle bridge. Des. 90,016; May 30.
- Brock, Melville L., assignor to Swift & Company, Chicago, Ill. Power driven casing measuring machine. 1,913,829; June 13.
- Brock & Weymouth, Incorporated. (See Cahill, Edward H., assignor.)
- Brock, William M., East Windsor, Ontario, Canada. Suspension hanger. 1,903,024; Mar. 28.
- Brockel, Ernst, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Hydraulic press control mechanism. 1,937,007; Nov. 28.
- Brockett, Bluford W., Cleveland Heights, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 1,896,217; Feb. 7.
- Brockett, Bluford W., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Tail clamp. 1,908,111; May 9.
- Brockie, Harold I., Chatham, N. J. Collapsible play pen and sun bath. 1,900,274; Mar. 7.
- Brockman, Arthur, Woodridge, N. J., assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Carton. 1,895,443; Jan. 31.
- Brockman, Oscar, Louisville, Ky. Shoe sole. Des. 89,021; Jan. 10.
- Brockman, Oscar, Louisville, Ky. Shoe sole. Des. 90,356; July 25.
- Brockman, Oscar, Louisville, Ky. Heel attachment device for shoes. 1,920,170; Aug. 1.
- Brockman, Robert H., St. Petersburg, Fla. Lathe tool holder. 1,913,261; June 6.
- Brockway, Carl P., Ridgewood, assignor to World Bestos Corporation, Paterson, N. J. Apparatus for forming brake lining. 1,909,653; May 16.
- Brockway, Carl P., Ridgewood, N. J., assignor to Industrial Research Corporation, Toledo, Ohio. Engine starter. 1,923,908; Aug. 22.
- Brockway, Carl P., Ridgewood, and W. Nanfeldt, Clifton, assignors to World Bestos Corporation, Paterson, N. J. Yarn-making apparatus. 1,933,544; Nov. 7.
- Brockway, John P., Coronado, assignor to A. B. Bowman, San Diego, Calif. Reproducing images on metallic surfaces. 1,902,213; Mar. 21.
- Brockway Machine Bottle Company. (See Harding, John W., assignor.)
- Brockway Machine Bottle Company. (See Helt, Clarence R., assignor.)
- Brockway Sales Company. (See Mengle, Glenn A., assignor.)
- Broda, Jan, Torun, Poland. Arched roof. 1,899,924; Mar. 7.
- Broderick, John H., Clinton, Mass. Ice-remover for windshields. 1,900,540; Mar. 7.
- Broderick, Martin A., assignor of one-half to N. Giancola, Johnstown, Pa. Fluid motor. 1,940,344; Dec. 19.
- Broderick, Oliver D., New Orleans, La. Gasoline theft-proof appliance. 1,931,342; Oct. 17.
- Brodersen, Harry T., Pittsburg, Calif., assignor to John-Manville Corporation, New York, N. Y. Coating sheet materials. 1,914,906; June 20.
- Brodersen, Karl. (See Marx, K., and Brodersen.)
- Brodersen, Karl. (See Marx, K., Brodersen, and Quaadvliet.)
- Brodersen, Max M., assignor to Killefer Manufacturing Corporation, Ltd., Los Angeles, Calif. Ripper tooth. 1,927,818; Sept. 26.
- Brodeur, Donat A., Marlboro, Mass. Stain. 1,896,662; Feb. 7.
- Brodfuehrer, Bismarck B., B. W. Freeman, and C. A. Jester, Cincinnati, Ohio; said Brodfuehrer and said Jester assignors to said Freeman. Bed for shoe ornamenting machinery. 1,934,112; Nov. 7.
- Brodhun, Carl P., Wilkes-Barre, Pa., assignor to The Okonite Company, Passaic, N. J. Cable. 1,900,041; Mar. 7.
- Brodhun, Carl P., Wilkes-Barre, Pa., assignor to The Okonite Company, Passaic, N. J. Noninductive cable. 1,900,792; Mar. 7.
- Brodie, George H., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical protector device. 1,901,893; Mar. 21.
- Brodie, Hugh W., Honolulu, Hawaii. Radiometer. 1,911,426; May 30.
- Brodie, Ralph N., Company. (See Granberg, Albert J., assignor.)
- Brödl, Jacob, Munich, Germany. Insole. 1,903,323; Apr. 4.
- Brodsky, Gregory, assignor of one-half to The Canada Valve & Hydrant Company, Ltd., Brantford, Ontario, Canada. Four corner box staying machine. 1,915,976; June 27.
- Brodsky, Michel, Paris, France. Textile fabric or the like. Des. 89,368; Feb. 28.
- Brodsky, Michel, Paris, France. Textile fabric or the like. Des. 89,369; Feb. 28.
- Brodsky, Michel, Paris, France. Textile fabric or the like. Des. 89,370; Feb. 28.
- Brodsky, Michel, Paris, France. Textile fabric or the like. Des. 89,371; Feb. 28.
- Brodsky, Michel, Paris, France. Textile fabric or the like. Des. 89,372; Feb. 28.
- Brodsky, Michel, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,855; Jan. 3.
- Brodsky, Michel, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,022; Jan. 10.
- Brodsky, Michel, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,119; Jan. 31.
- Brodsky, Michel, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,165; Feb. 7.
- Brodsky, Michel, Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,480; Mar. 21.
- Brodsky, Michel, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric or the like. Des. 89,672; Apr. 18.
- Broeker, Walter. (See Kranzlein, G., Wolfram, and Broeker.)
- Broekhuysen, Willem C., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Electrical system of distribution. 1,901,828; Mar. 14.
- Broemmelsick, Charles F. and C. A. Wilmas, Chesterfield, Mo. Agricultural apparatus. 1,938,182; Dec. 5.
- Broeske, Paul R., assignor to The Hoover Company, North Canton, Ohio. Switch. 1,918,450; July 18.
- Brofelth, Gustav E., assignor to Aktiebolaget Malcus Holmquist, Halmstad, Sweden. Wadding for whale guns. 1,899,925; Mar. 7.
- Brogan, Graham W., deceased, Towson; S. Duncan Black and The Safe Deposit and Trust Company, Baltimore, executors, assignors to William W. Varney, Baltimore, Md. Apparatus for testing brakes. 1,919,929; July 25.
- Brogden, Ernest M., Pomona, assignor to Brogdex Company, Los Angeles, Calif. Apparatus for handling fresh fruits. 1,924,078; Aug. 22.
- Brogden, Ernest M., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Apparatus for treating fruit. 1,925,992; Sept. 5.
- Brogden, Ernest M., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Apparatus for treating fresh fruit in preparation for market. 1,931,463; Oct. 17.
- Brogden, Ernest M., Pomona, Calif., and M. L. Trowbridge, Syracuse, N. Y., assignors to Brogdex Company, Winter Haven, Fla. Art of coating. 1,940,530; Dec. 19.
- Brogden, Ernest M., Santa Monica, and M. L. Trowbridge, Palms, Calif., assignors to Brogdex Company, Winter Haven, Fla. Preparation of fresh fruit for market. 1,899,606; Feb. 28.
- Brogden, Ernest M., and M. L. Trowbridge, Pomona, Calif., assignors to Brogdex Company, Winter Haven, Fla. Preparation of fresh fruit for market. 1,903,283; Apr. 4.
- Brogdex Company. (See Brogden, Ernest M., assignor.)
- Brogdex Company. (See Brogden, E. M., and Trowbridge, assignors.)
- Brogdex Company. (See Morris, D. C., and Cockrill, assignors.)
- Brogdex Company. (See Neet, Fred C., assignor.)
- Broge, William F., Detroit, Mich. Carburetor. 1,935,260; Nov. 14.

- Brogger, Ivar W., assignor, by mesne assignments, to Edison Splitdorf Electrical Corporation, West Orange, N. J. Electrical cut-out. 1,907,494; May 9.
- Brogger, Ivar W., West Orange, N. J., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Measuring instrument. 1,934,964; Nov. 14.
- Brohman, Johannah, Los Angeles, Calif. Abdominal supporting belt. 1,916,298; July 4.
- Broido, Benjamin, New York, N. Y., and J. R. LeValley, Pittsburgh, Pa., assignors to The Superheater Company, New York, N. Y. Method and apparatus for cracking oils. 1,921,603; Aug. 8.
- Broido, Benjamin N., assignor to The Superheater Company, New York, N. Y. Heating oil. 1,921,602; Aug. 8.
- Broillet, Jean, New York, N. Y. Dress. Des. 89,033; Jan. 17.
- Brokaw, Charles A. (See Gunther, C. A., and Brokaw.)
- Brokvis, Eric R., Brooklyn, N. Y., and C. A. Fausel, Glenridge, N. J., assignors to H. R. Brand, New York, N. Y. Automatic cooking machinery. 1,897,999; Feb. 21.
- Brolin, Edwin C., Antioch, Calif. Toothpick dispenser. 1,896,571; Feb. 7.
- Brolly, Archibald H., assignor to Television Laboratories, Inc., San Francisco, Calif. Phasing device. 1,923,252; Aug. 22.
- Broman, Charles E., Sparta, and W. H. Nowak, Grand Rapids, Mich. Golf ball marking apparatus. 1,921,307; Aug. 8.
- Broman, John A., Berkeley, Calif. Steam temperature regulator. 1,907,145; May 2.
- Bromann, Albert H., River Forest, Ill. Refrigerated display counter. 1,912,688; June 6.
- Bromann Bcs. (See Bromann, Albert H., assignor.)
- Bromell, Malcolm W., Nedlands, Western Australia, Australia. Card cabinet and card therefor. 1,911,260; May 30.
- Bromer, Frank S., Brickerville, Pa. Fountain pen. 1,938,314; Dec. 5.
- Bromfeld, Louis, Bronx, N. Y. Handbag and the like. 1,893,931; Jan. 10.
- Bromig, Carl, Frankfurt-on-the-Main, Germany. Manufacture of salts of organic acids from albuminoids and the like. 1,938,512; Dec. 5.
- Bromley, John, & Sons, Incorporated. (See Grundy, J. A., and Payne, assignors.)
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher support. 1,894,917; Jan. 17.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher apparatus. 1,914,710; June 20.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher. 1,919,816; July 25.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher. 1,921,452; Aug. 8.
- Bronander, Wilhelm B., Montclair, N. J. Fire alarm and fire extinguisher device. 1,923,660; Aug. 22.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher. 1,925,228; Sept. 5.
- Bronander, Wilhelm B., Montclair, N. J. Fire extinguisher. 1,939,333; Dec. 12.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette rod former. 1,915,513; June 27.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Tobacco compressor for cigarette machines. 1,915,514; June 27.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette-packaging machine. 1,926,192; Sept. 12.
- Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Biscuit-packaging and cartoning machine. 1,935,613; Nov. 21.
- Bronson, Adelbert E. (See Crowley, J. C., and Bronson.)
- Bronson, Adelbert E., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Pressure indicator. 1,893,222; Jan. 3.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Running board. 1,905,895; Apr. 25.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Making composite articles. 1,908,682; May 16.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Running board. 1,928,682; Oct. 3.
- Bronson, Budd, Lakewood, assignor to The Ohio Rubber Company, Cleveland, Ohio. Vulcanizing press. 1,908,681; May 16.
- Bronson, Budd, Lakewood, assignor to The Ohio Rubber Company, Cleveland, Ohio. Flooring for vehicles. 1,914,399; June 20.
- Bronson, Budd, Lakewood, assignor to The Ohio Rubber Company, Cleveland, Ohio. Tread member. 1,916,461; July 4.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Composite mat. 1,920,057; July 25.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Making running boards. 1,934,256; Nov. 7.
- Bronson, Budd, assignor to The Ohio Rubber Company, Cleveland, Ohio. Step pad. 1,939,604; Dec. 12.
- Bronson, Fred L., New York, N. Y. Manufacture of formed articles. 1,904,268; Apr. 18.
- Bronson Reel Company. (See Schaffer, John V., assignor.)
- Bronze Dye Casting Company. (See Gerber, John L., assignor.)
- Brook, Clayton E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Strip material and making the same. 1,931,315; Oct. 17.
- Brookby, Harry E., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Acoustic plaster. 1,938,803; Dec. 12.
- Brooke, Arthur O., assignor to General Motors Corporation, Detroit, Mich. Wheel structure. 1,897,789; Feb. 14.
- Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. Deriving power from explosive gases and in gas turbine apparatus. 1,938,686; Dec. 12.
- Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. Method of and apparatus for generating kinetic fluids. 1,938,687; Dec. 12.
- Brooke, Francis M., assignor to N. S. Brooke, Bryn Mawr, Pa. Gas turbine. 1,938,688; Dec. 12.
- Brooke, Harold L. (See Jandus, H. S., and Brooke.)
- Brooke, Nanna S. (See Brooks, Francis M., assignor.)
- Brooke, Norman E., Washington, D. C. Antiskid chain. 1,929,769; Oct. 10.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Carbocyanine dyes and preparing them. 1,934,657; Nov. 7.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Carbocyanine dyes and preparing them. 1,934,658; Nov. 7.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Carbocyanine dyes and preparing them. 1,934,659; Nov. 7.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Cyanide dyes and preparing them. 1,935,696; Nov. 21.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Dibenzoxacarbocyanines and preparing them. 1,939,201; Dec. 12.
- Brooklyn Borough Gas Company. (See Baas, Philip B. R., assignor.)
- Brooklyn Standard Bag Company. (See Rose, Ernest P., assignor.)
- Brooklyn Wood Heel Corporation. (See Guida, James, assignor.)
- Brookman, Richard S., Loughborough, England. Wood-working machine. 1,899,665; Feb. 28.
- Brooks, Arthur M. (See Rafton, H. R., and Brooks.)
- Brooks, Arthur N., West Springfield, Mass. Display tray. 1,937,868; Dec. 5.
- Brooks, Benjamin T., Stamford, Conn., assignor to Petroleum Chemical Corporation. Generating useful products from hydrocarbon mixtures containing olefines. 1,894,661; Jan. 17.
- Brooks, Benjamin T., Greenwich, Conn., assignor to Petroleum Chemical Corporation. Acetylating olefines. 1,894,662; Jan. 17.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Producing and distilling aqueous sulphuric acid solutions of secondary and tertiary alcohols. 1,904,200; Apr. 18.
- Brooks, Benjamin T., Greenwich, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Making ethyl alcohol. 1,919,618; July 25.
- Brooks, Benjamin T., Sound Beach, Conn., assignor to The Gray Process Corporation, Newark, N. J. Treatment of crude petroleum. 1,911,795; May 30.
- Brooks, Benjamin T., Stamford, Conn., assignor, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Sulphating olefines. 1,940,073; Dec. 19.
- Brooks, Benjamin T., Greenwich, Conn., and E. J. Cardarelli, Newark, N. J., assignors, by mesne assignments, to Standard Alcohol Company, Wilmington, Del. Sulphating olefines. 1,919,617; July 25.
- Brooks, Buford M., Dover, N. J. Boiler. 1,901,730; Mar. 14.
- Brooks, Charles A. (See Allen, E. M., and Brooks.)
- Brooks, Charles A. (See Pelikan, J. M., and Brooks.)
- Brooks, Charles E., St. Louis County, Mo. Propeller. 1,894,081; Jan. 10.
- Brooks, Charles R., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,914,357; June 20.
- Brooks, Charles R., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,914,358; June 20.
- Brooks, Charles R., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,929,474; Oct. 10.
- Brooks, Charles R., Chicago, and J. E. Ostline, Berwyn, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Service observing equipment. 1,907,240; May 2.
- Brooks, Chester K., Kirtland Hills, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Shock absorbing mechanism. 1,914,479; June 20.
- Brooks, Eugene C., assignor to John T. Slack Corporation, Springfield, Vt. Carding engine. 1,936,548; Nov. 21.
- Brooks, Frank M. (See Haase, L. G., and Brooks.)
- Brooks, Fred F. (See Kriegbaum, G. M., Brooks, and Haas.)
- Brooks, Henry H., Concord, Mass. Garden hose guide. 1,933,655; Nov. 7.
- Brooks, Henry M., et al. (See Warner, Edgar T., assignor.)

- Brooks, Henry M., et al., as trustee. (See Ousdahl, Adolph, assignor.)
- Brooks, Henry M., et al., trustee. (See Schweickart, William M., assignor.)
- Brooks, James, Brooklyn, N. Y. Jet pump. 1,938,008; Dec. 5.
- Brooks, James D., assignor to Steel-Bound Container Corporation, St. Petersburg, Fla. Container. 1,907,729; May 9.
- Brooks, James G., Los Angeles Calif. Floor waxer and polisher. 1,931,977; Oct. 24.
- Brooks, James H., and J. Goldstone, assignors of one-fourth to F. W. Taplin and one-fourth to D. Richards, Portland, Oreg. Preservative composition. 1,901,799; Mar. 14.
- Brooks, James P., Concrete, Wash., assignor to Superior Portland Cement, Inc. Rotary hammer. 1,940,116; Dec. 19.
- Brooks, John A., assignor to E. G. Munz, Detroit, Mich. Whirling sprayer. 1,919,196; July 25.
- Brooks, John W., and M. N. Russell, assignors to Pass & Seymour, Inc., Syracuse, N. Y. Sign receptacle. 1,932,572; Oct. 31.
- Brooks, Joseph R., assignor to Wilbur R. Pounder, Chicago, Ill. Pickling tank. 1,916,958; July 4.
- Brooks, Lee L., Midland, Tex. Tank construction. 1,917,494; July 11.
- Brooks, Lee, Los Angeles, Calif. Bearing trimmer table. 1,930,949; Oct. 17.
- Brooks, Leroy S., Washington, D. C. Continuous outlet receptacle. 1,908,888; May 16.
- Brooks, Linzy W., assignor of one-third to H. P. Arnest, Portland, Oreg. Shoe heel. 1,902,686; Mar. 21.
- Brooks, Linzy W., assignor of one-third to H. P. Arnest, Portland, Oreg. Shoe dauber. 1,931,341; Oct. 17.
- Brooks, Manley E. (See Plant, R. A., and Brooks.)
- Brooks, Ralph R. (See Austin, B. O., Wilby, and Brooks.)
- Brooks, Robert A., Chicago, Ill. Water compression system. 1,898,337; Feb. 21.
- Brooks, Russell, assignor of one-half to Thomas J. McManus, Noranda, Quebec, Canada. Steam and fume exhaust for cooking utensils, etc. 1,935,108; Nov. 14.
- Brooks, Thomas R. (See Haywood, John W., assignor.)
- Brooks, Walter C. (See Staples, J. W., and Brooks.)
- Brooks, William H., Oconomowoc, Wis., assignor to Carnation Company, Apparatus for producing homogeneous liquids. 1,925,786; Sept. 5.
- Brooks, William H., Oconomowoc, assignor to Carnation Company, Milwaukee, Wis. Producing homogeneous liquids. 1,925,787; Sept. 5.
- Brooks, Winfred M., West Orange, N. J. Seal. 1,934,341; Nov. 7.
- Brooks, Winfred M., West Orange, N. J. Sealing means. 1,937,743; Dec. 5.
- Brooksbank, Harry P. (See Martin, M. J., and Brooksbank.)
- Broome, Ernest L., Tarrytown, N. Y. Hydraulic gate. 1,918,015; July 11.
- Broome, Norman L., Milford, N. H. Radiator seal. 1,930,157; Oct. 10.
- Brophy, David J., et al. (See Bullock, Arthur R., assignor.)
- Brophy, Gerald R., Schenectady, N. Y., assignor to General Electric Company. Weld rod. 1,911,053; May 23.
- Brophy, Gerald R., Schenectady, N. Y., assignor to General Electric Company. Arc welding electrode. 1,911,054; May 23.
- Brophy, John P., assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Indexing mechanism for multiple spindle machines. 1,928,925; Oct. 3.
- Bros, Chester W., assignor to Wm. Bros Boiler & Manufacturing Company, Minneapolis, Minn. Steam generating apparatus. 1,909,091; May 16.
- Bros, Chester W., assignor to Wm. Bros Boiler & Manufacturing Company, Minneapolis, Minn. Portable steam boiler. 1,934,965; Nov. 14.
- Bros, Wm., Boiler & Manufacturing Company. (See Bros, Chester W., assignor.)
- Broscombe, Henry, assignor of one-half to A. F. Kellett, Leeds, England. Ramp for use in re-railing vehicles. 1,892,977; Jan. 3.
- Broscombe, Henry, Halton, Leeds, assignor of one-half to A. F. Kellett, Leeds, England. Portable weighing machine for locomotives and other rail vehicles. 1,913,915; June 13.
- Brose, Frank, Sidney, Mont. Door opener. 1,931,812; Oct. 24.
- Brose, Walter. (See Klep, J. N., and Brose.)
- Brosig, Richard, Bad Charlottenbrunn, Germany. Expansion sheath for wood-spikes. 1,922,120; Aug. 15.
- Brosilow, Louis, W. Markoff, and J. Orosz, Chicago, Ill. Manually operable electric lamp cord reel. 1,914,480; June 20.
- Brosius, Edgar E., Pittsburgh, Pa. Valve. 1,907,730; May 9.
- Brosius, Edgar E., Pittsburgh, Pa. Material handling apparatus. 1,930,467; Oct. 17.
- Brosius, Edgar E., Pittsburgh, Pa. Hoisting bucket. 1,936,660; Nov. 28.
- Brosse, Paul, Neuilly, France, assignor, by mesne assignments, to Kilslyn Corporation, New York, N. Y. Colored filter. 1,939,039; Dec. 12.
- Brosseau, Herman, New York, N. Y. Hand bag. 1,939,657; Dec. 19.
- Brossman, Charles, Indianapolis, Ind. Underfeed rotary grate stoker. 1,921,864; Aug. 8.
- Brotz, Anton F., assignor to Kohler Company, Kohler, Wis. Pottery making. 1,911,011; May 23.
- Brotz, Anton F., assignor to Kohler Company, Kohler, Wis. Washing machine. 1,918,832; July 18.
- Brotz, Frank G. (See Kohler, W. J., Jr., and Brotz.)
- Brotz, Frank G., Kohler, Wis. Tank and bowl connection. 1,895,145; Jan. 24.
- Brotz, Frank G., Kohler, Wis. Bathtub support. 1,922,839; Aug. 15.
- Brotz, Frank G., Kohler, Wis. Overflow for sinks. 1,937,311; Nov. 28.
- Brotz, Frank G., Kohler, Wis. Drain fitting. 1,937,312; Nov. 28.
- Brotz, Frank G., Kohler, Wis. Valve assembly. 1,937,313; Nov. 28.
- Brotz, Frank G., assignor to Kohler Company, Kohler, Wis. Bathtub drain. 1,931,568; Oct. 24.
- Brotz, Roman C., Kohler, Wis. Casting apparatus. 1,941,199; Dec. 26.
- Broughton, Arthur E., Minneapolis, Minn. Indicating weight and moisture variations in paper machines and the like. 1,936,225; Nov. 21.
- Broughton, Denis McD., London, England. Relay. 1,893,856; Jan. 10.
- Broughton, Horatio D., Woodcliff, N. J. Cabinet. 1,900,793; Mar. 7.
- Broughton, Walter C., Kansas City, Mo. Burial vault. 1,934,522; Nov. 7.
- Broughton, William J., St. Paul, Minn. Automatic positive and cone clutch. 1,909,568; May 16.
- Brouhiet, Georges, Paris, France. Motion damper and shock absorber. 1,926,260; Sept. 12.
- Broun, Michael P., Gettysburg, S. Dak. Heater. 1,895,372; Jan. 24.
- Brouse, William H. D., assignor to Service Station Equipment Company, Limited, Toronto, Ontario, Canada. Displacement meter for measuring fluids. 1,912,687; June 6.
- Brouwer-Ancher, Cornelis L. (See Huttner, Leonard C., assignor.)
- Brouwer, Benjamin W., and A. A. Gordon, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Reversible take-up for looms. 1,937,401; Nov. 28.
- Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmö, Sweden. Automatic slack adjuster. 1,907,175; May 2.
- Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmö, Sweden. Variable leverage mechanism. 1,936,977; Nov. 28.
- Brower, Charles A. and O. Lansing, assignors of one-half to C. Smithers, Holt, Mich. Milk cooler. 1,909,750; May 16.
- Brower, Claude R., Santa Ana, and D. Z. Kirkham, San Pedro, Calif. Adjusting means for the tangent posts of gas meters. 1,892,827; Jan. 3.
- Brower, Ora. (See Brower, Charles A. and O.)
- Brower, William M., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Dial engraving machine. 1,894,976; Jan. 24.
- Brower, William M., Palo Alto, assignor, by mesne assignments, to Stanford Products, Ltd., San Francisco, Calif. Electrical motor. 1,936,932; Nov. 28.
- Brower, William M., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Indicating dial. 1,938,061; Dec. 5.
- Brown, Albert C., and E. E. Brown, assignor to The Chicago Faucet Company, Chicago, Ill. Combination bath fixture. 1,924,771; Aug. 29.
- Brown, Arthur B. (See Sullivan, F. W., and Brown.)
- Brown, Arthur H., Denver, Colo. Stamp for X-ray mounts. 1,932,922; Oct. 31.
- Brown, Arthur S. (See Sedgley, G. E., Shiatte, and Brown.)
- Brown, Augustus C., 3d. (See Hill, G. D., and Brown.)
- Brown, Augustus C., 3d, assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Locking mechanism. 1,909,453; May 16.
- Brown Bag Filling Machine Company, The. (See Chandler, Austin S., assignor.)
- Brown Bag Filling Machine Company, The. (See Lidberg, John A., assignor.)
- Brown & Bailey Company. (See Keppler, Albert E., assignor.)
- Brown & Bigelow. (See Bruning, William L., assignor.)
- Brown, Boyd L., Charlotte, N. C. Display case for cakes and crackers. 1,931,372; Oct. 17.
- Brown & Caine (Chicago Division), of Tung-Sol Lamp Works, Inc. (See Caine Charles H., assignor.)
- Brown, Campbell. (See Wilson, J. E., McConnell, and Brown.)
- Brown, Carl A., East Cleveland, and F. B. Van Sickle, Wickliffe, Ohio, assignors to General Electric Company. Apparatus for sorting rods and tubes. 1,905,791; Apr. 25.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom control. 1,898,712; Feb. 21.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Rocker shaft bearing for looms. 1,922,026; Aug. 15.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Filling replenishing loom. 1,926,738; Sept. 12.
- Brown, Carleton, Westmount, Quebec, Canada. Double roof construction for vehicles. 1,941,162; Dec. 26.

- Brown, Catherine W., Pasadena, Calif. Toy machine gun. Des. 69,373; Feb. 28.
- Brown, Charles E. (See Brown, Charles H. and C. B.)
- Brown, Charles H. (See Steur, J. B., and Brown.)
- Brown, Charles H. and C. B., Flushing, N. Y. Shoe last. 1,930,304; Oct. 10.
- Brown, Charles J., Donora, Pa. Bearing. 1,929,836; Oct. 10.
- Brown, Charles J., Donora, and H. B. Trott, McKeesport, Pa. Spraying device for hot rod mill reels. 1,933,412; Oct. 31.
- Brown, Charles S., Syracuse, N. Y. Motor implement. 1,892,865; Jan. 3.
- Brown, Charles S., Syracuse, N. Y. Fence post construction. 1,912,689; June 6.
- Brown, Charles S., Syracuse, N. Y. Roller bearing construction. 1,915,118; June 20.
- Brown, Charles S., Syracuse, N. Y. Multicylinder block for air cooled engines and forming the same. 1,915,119; June 20.
- Brown, Charles S., Syracuse, N. Y. Automatic take-up for engine valve mechanisms. 1,927,020; Sept. 19.
- Brown, Charles S., Syracuse, N. Y. Casting en-bloc cylinders. 1,935,109; Nov. 14.
- Brown, Charles S., Syracuse, N. Y. Roller bearing construction. 1,935,110; Nov. 10.
- Brown, Chester A., Newburgh, N. Y. Grass and Hedge trimmer. 1,931,569; Oct. 24.
- Brown, Cicero C., Houston, Tex. Casing head equipment. 1,897,297; Feb. 14.
- Brown, Cicero C., Houston, Tex. Well control device. 1,902,540; Mar. 21.
- Brown, Cicero C., Houston, Tex. Tubing screwing device. 1,908,818; May 16.
- Brown, Cicero C., Houston, Tex. Tubing hanger for oil wells. 1,938,062; Dec. 5.
- Brown, Cicero C., Hebronville, Tex. Well head equipment. 1,921,115; Aug. 8.
- Brown, Cicero C., and E. Gray, Houston, Tex. Jar for valves. 1,931,751; Oct. 24.
- Brown, Clara B., executrix. (See Brown, Horace P., assignor.)
- Brown, Clara B., executrix. (See Brown, H. P., and Anderson.)
- Brown, Clarence A., and R. W. Hoag, Rutland, Vt. Display fixture. 1,912,820; June 6.
- Brown, Claude C., Los Angeles, Calif. Liquid fuel consumption indicator. 1,916,555; July 4.
- Brown, Claude F., assignor to Brown Paper Goods Company, Chicago, Ill. Box making machine. 1,912,565; June 6.
- Brown, Clement, assignor to Amal Limited, Birmingham, England. Reciprocating pump. 1,922,121; Aug. 15.
- Brown Company. (See Anderson, Gustave, assignor.)
- Brown Company. (See Barton, Charles B., assignor.)
- Brown Company. (See Brannen, Thomas L., assignor.)
- Brown Company. (See Burke, Edmund, assignor.)
- Brown Company. (See Chase, H. A., and Titus, assignors.)
- Brown Company. (See Hill, Roger B., assignor.)
- Brown Company. (See Hoyle, A. D., and Olson, assignors.)
- Brown Company. (See Hubbard, Barton D., assignor.)
- Brown Company. (See McKinney, James W., assignor.)
- Brown Company. (See Offen, Clifford G., assignor.)
- Brown Company. (See Parker, Howard, assignor.)
- Brown Company. (See Richter, George A., assignor.)
- Brown Company. (See Richter, G. A., and Eble, assignors.)
- Brown Company. (See Richter, G. A., and Goldsmith, assignors.)
- Brown Company. (See Richter, G. A., and Scherer, assignors.)
- Brown Company. (See Richter, G. A., Van Arsdell, and Hill, assignors.)
- Brown Company. (See Schur, Milton O., assignor.)
- Brown Company. (See Schur, M. O., and Hoos, assignors.)
- Brown Company. (See Schur, M. O., and Meglitz, assignors.)
- Brown Company. (See Vannah, Harold P., assignor.)
- Brown, Creston L., The Dalles, Oreg. Splash guard for motor vehicles. 1,899,937; Mar. 7.
- Brown, Cuthbert J. (See Wilson, C. H., and Brown.)
- Brown, David B., Bellingham, Wash., assignor to Wahl Clipper Corporation, Sterling, Ill. Hair clippers. 1,924,676; Aug. 29.
- Brown, Davis, Los Angeles, Calif. Shingle machine. 1,894,394; Jan. 17.
- Brown, Davis, Los Angeles, Calif. Clay tempering machine. 1,907,731; May 9.
- Brown, Delbert F., Westfield, and H. C. De Hoff, Elizabeth, N. J., assignors to Standard Oil Development Company. Emulsified alcohol product and making the same. 1,927,916; Sept. 26.
- Brown, Douglas R., assignor to The Oil County Specialties Mfg. Co., Coffeyville, Kans. Power unit for oil wells. 1,898,290; Feb. 21.
- Brown, Dycka S., Madison, Wis. Utility cabinet for beauty parlors. 1,898,867; Feb. 21.
- Brown, E. C., Co. (See Ledig, Richard G., assignor.)
- Brown, Earl E. (See Brown, Albert C., and E. E.)
- Brown, Edele J., Chicago, Ill. Cleaning and oiling device for oil stones. 1,898,170; Feb. 21.
- Brown, Edgar T., assignor of one-third to William Crowell, Huntington Park, and one-third to Fred Cunningham, South Gate, Calif. Artificial fuel and producing same. 1,926,578; Sept. 12.
- Brown, Edmund, Palmyra, N. J. Manufacture of pipe fittings. 1,903,436; Apr. 11.
- Brown, Edward A., Jr., Pittsburgh, and W. S. Unger, Munhall, Pa. Furnace. 1,919,412; July 25.
- Brown, Ellis E., West Lawn, Pa. Flexible coupling. 1,935,390; Nov. 14.
- Brown, Eric, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Method and apparatus for the preheating and maintaining at operating temperature the cylinders of steam or gas turbines. 1,896,508; Feb. 7.
- Brown, Eric, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. System and method for heating dynamo-electric machines. 1,930,994; Oct. 17.
- Brown, Eugene H., Jr., Troy, N. Y. Combined vise and chuck holding block. 1,923,967; Aug. 22.
- Brown, Eugene P. (See Schaeffer, W. J., Watts, Brown, and Wilson.)
- Brown, Frank, New York, N. Y. Skylight awning. 1,905,339; Apr. 25.
- Brown, Frank J., assignor to National Wrought Iron Annealing Box Company, Washington, Pa. Pressure welding apparatus. 1,894,938; Jan. 24.
- Brown, Franklin, assignor to General Health Corporation, Philadelphia, Pa. Nipple. 1,902,433; Mar. 21.
- Brown, George E., Montevia, Calif. Door opening safety guard. 1,895,146; Jan. 24.
- Brown, George G., and M. Souders, Jr., Ann Arbor, Mich. Method and apparatus for igniting combustible mixtures. 1,902,541; Mar. 21.
- Brown, George L., sr. (See Harding, Brooks, B., assignor.)
- Brown, George Mackenzie, London, England. Coating. 1,912,885; June 6.
- Brown, George Mack, London, England. Apparatus for surfacing sheet material with pigments, varnishes, lacquers, or the like. 1,923,909; Aug. 22.
- Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Fuse plug. 1,929,271; Oct. 3.
- Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Fuse plug. 1,929,272; Oct. 3.
- Brown, George R., Bridgeport, Conn., assignor to General Electric Company. Fuse support. 1,934,483; Nov. 7.
- Brown, George W. (See Nahn, W. L., and Brown.)
- Brown, Gerald, Barnes, London, England. Means for nullifying or reducing window reflections. 1,911,881; May 30.
- Brown, Glendon C. (See Stansbury, C., and Brown.)
- Brown, Glendon C., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Current regulating system. 1,937,869; Dec. 5.
- Brown, Gregory, assignor to Bridgeport Brass Company, Bridgeport, Conn. Hub cap or the like. 1,896,066; Feb. 7.
- Brown, H. Brainard, assignor to Taylor Instruments Companies, Rochester, N. Y. Thermometer. 1,909,391; May 16.
- Brown, Harold. (See Bishop, Walter D., assignor.)
- Brown, Harold, assignor of one-half to H. C. Crandall, Kansas City, Kans. Ventilated seat cushion. 1,922,228; Aug. 15.
- Brown, Harold, assignor to Deere & Company, Moline, Ill. Tractor. 1,929,804; Oct. 10.
- Brown, Harold D. (See Conant, Ray W., assignor.)
- Brown, Harold D., Los Angeles, Calif. Brick siding. 1,908,313; May 9.
- Brown, Harry E. (See Pasternack, Isidore, assignor.)
- Brown, Harvey E. (See Willett, W. R., and Brown.)
- Brown, Hazel P., assignor of one-fourth to Jan. P. Clary, Hartford, Conn. Finger tip and nail shaper. 1,917,794; July 11.
- Brown, Herbert L. (See Brown, Herbert S. and H. L.)
- Brown, Herbert S. and H. L., Oceanside, Calif. Minnow tackle bucket. 1,899,308; Feb. 28.
- Brown, Hobart B., Cedar Falls, Iowa. Heat controlling means for furnaces. 1,895,275; Jan. 24.
- Brown, Homer B., Nashville, Tenn. Loose leaf binder. 1,914,968; June 20.
- Brown, Horace P., deceased, Oakland, Calif., Clara B. Brown, executrix. Draft shield. 1,924,705; Aug. 29.
- Brown, Horace P., deceased, Oakland, and E. D. Anderson, Alameda, said Anderson assignor to said Brown, Clara D. Brown, executrix. Window operating mechanism. 1,924,706; Aug. 29.
- Brown, Horatio W., Concord, assignor to Bemis Industries, Incorporated, Boston, Mass. Strand treating apparatus and method. 1,905,896; Apr. 25.
- Brown, Horatio W., Concord, and C. J. Taylor, Melrose, assignors to Bemis Industries, Inc., Boston, Mass. Manufacturing artificial lumber. 1,931,570; Oct. 24.
- Brown, Howard, Longmeadow, assignor to Southworth Company, West Springfield, Mass. Mechanism for water-marking paper. 1,933,006; Oct. 31.
- Brown, Hugh E., Cleveland Heights, and J. Boehm, University Heights, assignors to The W. S. Tyler Company, Cleveland, Ohio. Making woven wire screen. 1,920,495; Aug. 1.
- Brown, Hugh S., Harvey, Ill. Vibratory tool. 1,932,723; Oct. 31.

- Brown Instrument Company, The. (See Brown, Richard P., assignor.)
- Brown Instrument Company, The. (See Brown, R. P., and Harrison, assignors.)
- Brown Instrument Company, The. (See Gray, Arthur W., assignor.)
- Brown Instrument Company, The. (See Green, John R., assignor.)
- Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)
- Brown Instrument Company, The. (See Malpass, Donald, assignor.)
- Brown Instrument Company. (See Pearce, Walter H., assignor.)
- Brown Instrument Company, The. (See Poole, Foster M., assignor.)
- Brown, Jack, and W. F. Reuter, Otoe, Nebr. Sickie grinder. 1,903,369; Apr. 4.
- Brown, Jackson P., Montoursville, Pa. Cap for the breather pipes of internal combustion engines. 1,919,709; July 25.
- Brown, James, Youngstown, Ohio. Bottle handling device. 1,896,438; Feb. 7.
- Brown, James H., Pittsfield, Mass. Match box holder. 1,907,241; May 2.
- Brown, James S., Fresno, Calif., assignor to J. I. Case Company, Racine, Wis. Disk harrow. 1,912,125; May 30.
- Brown, Jerome, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spring cover. 1,913,020; June 6.
- Brown, Jerome, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Filter. 1,937,943; Dec. 5.
- Brown, Jesse J., Syracuse, N. Y. Electric welding apparatus and method. 1,930,452; Oct. 10.
- Brown, John, Bokaro, Bermo. British India. Hydraulic conveying system for use in mines. 1,911,880; May 30.
- Brown, John B., Akron, Ohio. Water heater. 1,925,299; Sept. 5.
- Brown, John G., Purcell, Okla. Gin saw filing machine attachment. 1,893,322; Jan. 3.
- Brown, John G., Butte, Mont. Locomotive draft regulating device. 1,909,485; May 16.
- Brown, John L. (See Schuck, R. W., and Brown.)
- Brown, John L., San Bernardino, Calif. Portable log trimming machine. 1,893,016; Jan. 3.
- Brown, John L., Catonsville, Md. Process relating to colloids and their characteristics. 1,934,294; Nov. 7.
- Brown, John L., Catonsville, assignor of one-half to T. A. Jones, Baltimore, Md. Electrolytic manufacture of colloids. 1,910,212; May 23.
- Brown, John R., assignor to The Reliance Gauge Column Company, Cleveland, Ohio. High pressure liquid level gauge. 1,932,767; Oct. 31.
- Brown, John R., Cleveland Heights, and G. E. Sams, assignors to The Reliance Gauge Column Company, Cleveland, Ohio. Liquid-level gauge. 1,925,433; Sept. 5.
- Brown, John S., deceased, Newton, N. H.; C. W. Spalding, administrator, Watertown, assignor to Everett E. Kent, Newton, Mass. Method of and apparatus for tool operation on a long line. 1,896,766; Feb. 7.
- Brown, John W., jr., Philadelphia, Pa. Multiple-drilling spindle machine. 1,911,301; May 30.
- Brown, John W., jr., Philadelphia, Pa. Multiple operation multiple spindle drill. 1,911,302; May 30.
- Brown, John W., jr., Philadelphia, Pa. Bossed arm drilling machine. 1,911,303; May 30.
- Brown, John W., jr., Philadelphia, Pa. Rotary gang drill. 1,911,304; May 30.
- Brown, John W., Denver, Colo., assignor, by mesne assignments, to The Gray Processes Corporation, Newark, N. J. Manufacturing gasoline. 1,930,453; Oct. 10.
- Brown, Joseph A., assignor to White-Stokes Company, Inc., Chicago, Ill. Ice cream holder. 1,906,528; May 2.
- Brown, Joseph D., New York, N. Y., assignor to Hatfield Wire and Cable Co., Hillside, N. Y. Electrical connection plug. Des. 89,253; Feb. 14.
- Brown, Joseph M., et al. (See Peck, John B., assignor.)
- Brown, Lee R., East Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,900,042; Mar. 7.
- Brown, Lee R., East Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Register. 1,911,796; May 30.
- Brown, Lee R., East Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Register. 1,929,053; Oct. 3.
- Brown, Leo C., assignor to E. K. Pond Company, Chicago, Ill. Peanut butter. 1,926,369; Sept. 12.
- Brown, Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Portable electric illuminating apparatus. 1,900,906; Mar. 14.
- Brown, Leslie, assignor to The Dow Chemical Company, Midland, Mich. Chaplet. 1,910,790; May 23.
- Brown-Lipe Gear Company. (See Fawick, Thomas L., assignor.)
- Brown, Lloyd W., Rochester, N. Y., and Herman T. Wood, Camp Hill, Pa. Arch supporting shoe. 1,894,939; Jan. 24.
- Brown, Lucian H., Kokomo, Ind., assignor to Haynes Stellite Company. Centrifugal casting machine. 1,924,976; Aug. 29.
- Brown, Luther S., Fresno, Calif. Heating device. 1,931,247; Oct. 17.
- Brown-McLaren Manufacturing Company. (See Berry, Frank E., assignor.)
- Brown, Meade J., Greenville, Mich. Vegetable cutter. 1,932,508; Oct. 31.
- Brown, Mike, Livingston, Tenn. Switch equipped plug. 1,912,252; May 30.
- Brown, Millard K., Eagle Grove, Iowa. Corn harvesting machine. 1,908,952; May 16.
- Brown, Nat E., Grand Haven, assignor of one-half to J. F. Johnson, Ferrysburg, Mich. Agricultural device. 1,914,733; June 20.
- Brown, Norman B. (See Lowe, R. E., Brown, and Bjorkstedt.)
- Brown, Norman F., Hamilton, Scotland, assignor to The Indo-Burma Petroleum Company Limited, Rangoon, Burma. Apparatus for raising natural oils and other liquids by gaseous pressure. 1,930,412; Oct. 10.
- Brown Package Company. (See Peck, W. K., and Brown, assignors.)
- Brown Paper Goods Company. (See Brown, Claude F., assignor.)
- Brown, Paul B. (See Schmitt, J. B., and Brown.)
- Brown, R. W., executor. (See Kitsee, Isidor.)
- Brown, Ralph L., Syracuse, N. Y., and W. W. Odell, Pittsburgh, Pa. Producing hydration products from unsaturated hydrocarbons and water. 1,907,317; May 2.
- Brown, Raymond E., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Car dumper. 1,930,707; Oct. 17.
- Brown, Raymond G., Niagara Falls, assignor, by mesne assignments, to Sulphur & Smelting Corporation. Separating metals by selective oxidation of the chlorides. 1,933,702; Nov. 7.
- Brown, Raymond S., and H. Faucher, Pawtucket, R. I. Upholstery washer. 1,929,345; Oct. 3.
- Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Oil heater control. 1,895,701; Jan. 31.
- Brown, Richard P., assignor to The Brown Instrument Company, Philadelphia, Pa. Meter controlled relay mechanism. 1,914,481; June 20.
- Brown, Richard P., Philadelphia, and T. R. Harrison, Wyncote, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 1,922,194; Aug. 15.
- Brown, Robert B., Great Neck, assignor to American Manufacturing Company, Brooklyn, N. Y. Chair. Des. 90,572; Aug. 29.
- Brown, Robert J., and R. W. Van Peenan, Kalamazoo, Mich. Core plug. 1,919,769; July 25.
- Brown, Robert L., assignor to Harnischfeger Corporation, Milwaukee, Wis. Pipe handling machine. 1,906,362; May 2.
- Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Machine tool. 1,902,012; Mar. 21.
- Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Brake testing apparatus. 1,924,833; Aug. 29.
- Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 1,928,779; Oct. 3.
- Brown, Robert R., Upper Montclair, N. J., assignor to Outserts, Inc., New York, N. Y. Device to be attached to containers. 1,896,834; Feb. 7.
- Brown, Robert R., Upper Montclair, N. J., assignor to Outserts, Inc., New York, N. Y. Folder or booklet to be attached to a can or the like. 1,924,909; Aug. 29.
- Brown, Robert S., assignor, by mesne assignments, to The New Britain-Gridley Machine Company, New Britain, Conn. Metal working machine. 1,892,929; Jan. 3.
- Brown, Robert V., and R. O. Wood, Hamburg, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Treatment of zinc oxide residues. 1,931,220; Oct. 17.
- Brown, Roderick F., Altus, Okla. Tonsillectome. 1,924,348; Aug. 29.
- Brown, Roger S., Chicago, Ill. Tube for boiler economizers, heat exchangers, and the like. 1,922,351; Aug. 15.
- Brown, Roy L., Sharpville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective system for transformers. 1,899,746; Feb. 28.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Demonstrating device. 1,896,880; Feb. 7.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Instrument for controlling temperatures. 1,903,165; Mar. 28.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizer. 1,908,282; May 9.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizer circulating system. 1,915,644; June 27.
- Brown, Roy W., and G. P. Bosomworth, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizing apparatus. 1,932,063; Oct. 24.
- Brown, Russell G., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making tubular materials. 1,924,734; Aug. 29.
- Brown, Russell L., Lowell, Mass., assignor, by mesne assignments, to Fitzer California Company, Los Angeles, Calif. Cleaning wool and other allied fibers. 1,894,154; Jan. 10.
- Brown and Sharpe Manufacturing Company. (See Bennett, Arthur F., assignor.)

- Brown & Sharpe Manufacturing Company. (See Graves, B. P., and Gigger, assignors.)
- Brown & Sharpe Mfg. Co. (See Harley, John, assignor.)
- Brown & Sharpe Manufacturing Company. (See Maxfield, Arthur C., assignor.)
- Brown & Sharpe Manufacturing Company. (See Miner, Irving O., assignor.)
- Brown & Sharpe Mfg. Co. (See Rich, Charles A., assignor.)
- Brown, Stanley. (See Price, J., and Brown.)
- Brown, Stanley, Garden City, N. Y. Smoking pipe. 1,924,539; Aug. 29.
- Brown, Stanley W., Buffalo, N. Y. Thermionic amplifying device. 1,892,866; Jan. 3.
- Brown, Stewart, Chicago, Ill. Moistener for the gummed portion of envelopes, postage stamps, the finger of a person and other similar uses. 1,910,146; May 23.
- Brown, Stewart, Chicago, Ill. Window guard. 1,934,164; Nov. 7.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Cultivator. 1,895,648; Jan. 31.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 1,897,751; Feb. 14.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Agricultural implement. 1,923,253; Aug. 22.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 1,928,961; Oct. 3.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Adjustable seat for tractors. 1,932,241; Oct. 24.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 1,933,540; Nov. 7.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 1,939,950; Dec. 19.
- Brown, Theophilus, C. G. Strandlund, and W. H. Silver, assignors to Deere & Company, Moline, Ill. Lister cultivator. 1,928,307; Sept. 26.
- Brown, Theophilus, and L. A. Murray, assignors to Deere & Company, Moline, Ill. Tractor. 1,933,539; Nov. 7.
- Brown, Thomas H. (See Daggett, Edward H., assignor.)
- Brown, W. G., et al. (See Lott, Charles I., assignor.)
- Brown, Walter, Toledo, Ohio. Composite metal article and forming the same. 1,923,075; Aug. 22.
- Brown, Walter A., and G. H. Meiner, Los Angeles, assignors to L. Blake-Smith, San Francisco, Calif. Breaking emulsions. 1,911,797; May 30.
- Brown, Walter I., Oakland, Calif. Manufacturing garment hangers. 1,918,516; July 18.
- Brown, Walter J., Brooklands, England, assignor to Associated Electrical Industries Limited. High frequency electrical apparatus. 1,922,195; Aug. 15.
- Brown, Walter J., Brooklands, England, assignor to Associated Electrical Industries Limited. Apparatus for high frequency electric signaling. 1,930,505; Oct. 17.
- Brown, Walter J., Brooklands, assignor to Associated Electrical Industries, Limited, Westminster, England. Signaling system. 1,934,523; Nov. 7.
- Brown, Walter O., Detroit, Mich. Table or similar article. Des. 89,946; May 23.
- Brown, Walter O., Detroit, Mich. Container for cigarettes. 1,914,005; June 13.
- Brown, Walter O., Detroit, Mich. Folding furniture. 1,914,006; June 13.
- Brown, Walter O., Detroit, Mich. Box. 1,927,275; Sept. 19.
- Brown, Walter O., Detroit, Mich. Baker's tray. 1,929,303; Oct. 3.
- Brown, Walter W., assignor to The Jeffery Manufacturing Company, Columbus, Ohio. Trolley conveyer load carrying hanger. 1,930,607; Oct. 17.
- Brown, Warren G., Detroit, Mich. Caulking compound and application. 1,931,643; Oct. 24.
- Brown, Willard, and G. T. Marshall, assignors, by mesne assignments to The Lawrence Paper Company, Lawrence, Kans. Box fastener. 1,909,654; May 16.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Welt for shoes. 1,907,143; May 2.
- Brown, William, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Welt for shoes. 1,925,045; Aug. 29.
- Brown, William A., Philadelphia, Pa. Shock absorbing wheel. 1,924,269; Aug. 29.
- Brown, William A., Philadelphia, Pa. Metallic container. 1,927,255; Sept. 19.
- Brown, William F. (See Cross, A., and Brown.)
- Brown, William L., Philadelphia, Pa. Fender iron. 1,895,647; Jan. 31.
- Brown, William R. (See Crobin, Elbert A., jr., assignor.)
- Brown, William R. (See Peck, W. K., and Brown.)
- Brown, William R., Chicago, Ill. Diaphragm compressor. 1,895,602; Jan. 31.
- Brown, William, & Sons Company. (See Berard, Herman, assignor.)
- Brown, William W. H. and R. Hough, Seminole, Okla. Valve. 1,930,506; Oct. 17.
- Brown & Williamson Tobacco Corp. (See Gary, George E., assignor.)
- Brown & Williamson Tobacco Corporation. (See Linthicum, Rowley D., assignor.)
- Brown, Wolstan C., New York, N. Y. Vehicle. 1,895,750; Jan. 31.
- Browne, Bennie O. (See Gargan, J. O., and Browne.)
- Browne & Caine (Chicago Division) of Tung-Sol Lamp Works, Inc. (See Damarin, F. L., and Harper, assignors.)
- Browne, Carmen L., New York, N. Y. Educational doll apparatus. 1,926,139; Sept. 12.
- Browne, Cecil O., Ealing Common, London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Apparatus embodying electric discharge lamps. 1,906,246; May 2.
- Browne, Cecil O., Ealing Common, London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Discharge tube with optical slits. 1,917,495; July 11.
- Browne, Cecil O., Ealing Common, London, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Thermionic amplifier. 1,924,268; Aug. 29.
- Browne, Charles A., Brockton, assignor of one-half to C. H. Beane, Cambridge, Mass. Screen device. 1,913,313; June 6.
- Browne, Frank A., Wayne, assignor to The Barber Asphalt Company, Philadelphia, Pa. Plug valve. 1,922,840; Aug. 15.
- Browne, James H., East Liverpool, Ohio. Tire repair vulcanizer. 1,903,025; Mar. 28.
- Browne, James H., East Liverpool, Ohio. Hose nozzle. 1,924,150; Aug. 29.
- Browne, James H., East Liverpool, Ohio. Adjustable tire vulcanizing stand. 1,932,302; Oct. 24.
- Browne, James H., East Liverpool, Ohio. Gasoline nozzle. 1,934,587; Nov. 7.
- Browne, Lyle W., assignor to The Fisher Governor Company, Marshalltown, Iowa. Stuffing box and bearing unit. 1,899,848; Feb. 28.
- Browne, Lyle W., Marshalltown, Iowa. Leak lock. 1,939,658; Dec. 19.
- Browne-Morse Company. (See Soper, Raymond H., assignor.)
- Browne, Robert A., Oil City, Pa. Curb sign. Des. 90,933; Oct. 24.
- Browne, Vere B., Brackenridge, Pa. Alloy for use in the cracking of petroleum. 1,905,436; Apr. 25.
- Browne, Vere B., Brackenridge, Pa. Martensitic cracking still tube. 1,903,889; May 16.
- Browne, Vere B., Brackenridge, Pa. Inorganic insulation for electrical sheets. 1,940,707; Dec. 26.
- Brownell, Carl R., assignor to G. L. Brownell, Inc., Worcester, Mass. High speed twisting machine. 1,925,172; Sept. 5.
- Brownell Company, The. (See Haag, Walter J., assignor.)
- Brownell, Frank A., Metuchen, N. J. Oil stop electric cable joint. 1,918,736; July 18.
- Brownell, G. L., Inc. (See Brownell, Carl R., assignor.)
- Brownell, H. F. (See Dobyns, David E., assignor.)
- Brownell, James L., assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Vehicle wheel. 1,912,756; June 6.
- Browning, George, Wilmette, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Automatically timed apparatus for heat treatment. 1,903,089; Mar. 28.
- Browning, George, Wilmette, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Thermostatically governed electric laundry iron. 1,908,401; May 9.
- Browning, George, Wilmette, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric toaster. 1,908,683; May 16.
- Browning, J. M. & M. S., Company. (See Browning, Mariner A., assignor.)
- Browning, John B., Camden, N. J. Combined radio and phonographic recording and reproducing system. 1,920,628; Aug. 1.
- Browning, John K., assignor to The Heekin Can Company, Cincinnati, Ohio. Can lid stamping mechanism. 1,906,363; May 2.
- Browning, John K., assignor to The Heekin Can Company, Cincinnati, Ohio. Embossing die holder. 1,910,278; May 23.
- Browning, Mariner A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Trigger mechanism. 1,898,291; Feb. 21.
- Browning, Val A., Ogden, Utah. Trigger mechanism. 1,898,000; Feb. 21.
- Brownlee, Delmar T., Indianapolis, Ind. Automatic shifting bushing. 1,940,345; Dec. 19.
- Brownlee, Delmar T., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Driving axle construction. 1,910,319; May 23.
- Brownlee, Delmar T., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Overrunning spring clutch. 1,934,790; Nov. 14.
- Brownlee, Harold J., Cedar Rapids, Iowa, assignor to Quaker Oats Company, Chicago, Ill. Manufacturing furfural. 1,919,877; July 25.
- Brownlee, Harold J., Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Manufacturing furfural. 1,919,878; July 25.
- Brownlee, Kenneth H., Evanston, Ill. Ventilator for vehicle bodies. 1,923,294; Aug. 22.
- Brownlee, Roy H., Pittsburgh, Pa. Producing carbon black. 1,909,163; May 16.
- Brownlee, Roy H., Pittsburgh, Pa. Thermal type carbon black. 1,920,352; Aug. 1.
- Brownlee, Roy H., Pittsburgh, Pa. Production of carbon black. 1,925,130; Sept. 5.

- Brownlee, Roy H., Pittsburgh, Pa. Carbon black producer. 1,925,131; Sept. 5.
- Brownlow, David B. (See Johnson, L. B. and Brownlow.)
- Brownsdon, Henry W., Moseley, Birmingham, England, assignor to Imperial Chemical Industries Limited. Shotgun cartridge wad. 1,908,314; May 9.
- Brownsdon, Henry W., Moseley, Birmingham, W. R. Nimmo, Bushey Heath, and G. P. Pollitt, Millbank, London, England, assignors to Imperial Chemical Industries Limited. Shotgun cartridge. 1,896,051; Jan. 31.
- Brownstein, Benjamin, Ellwood City, Pa. Producing tubular ingots. 1,912,965; June 6.
- Brownstein, Benjamin, Ellwood City, Pa. Apparatus for producing tubular ingots. 1,912,966; June 6.
- Brownstein, Henry J., Chicago, Ill. Deodorant holder. 1,916,357; July 4.
- Brownstein, Louis, Brooklyn, assignor to Monopulse Telephone Corporation, New York, N. Y. One-wire electrical selecting apparatus. 1,900,095; Mar. 7.
- Brownstein, Sarah. (See Wetherall, Lucian F., assignor.)
- Browser, S. F., & Company. (See Renfrew, Paul B., assignor.)
- Brubach, Theodore M. (See Hibner, D. E., Jr., and Brubach.)
- Brubaker, Henry J. and J. B., San Dimas, assignors, by mesne assignments, to Kunkel Manufacturing Company, Ltd., Los Angeles, Calif. Weight-grading machine. 1,935,075; Nov. 14.
- Brubaker, Jacob E., Lancaster, Pa. Toy pistol. 1,895,407; Jan. 24.
- Brubaker, Jacob E., assignor to The Hubley Manufacturing Co., Lancaster, Pa. Toy vehicle. 1,895,968; Jan. 31.
- Brubaker, John B. (See Brubaker, Henry J. and J. B.)
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 1,932,688; Oct. 31.
- Brubaker, Omer E. (See Hoisington, G. C., and Brubaker.)
- Brubaker, Peter. (See Steinhour, John E.)
- Brubaker, Wesley, Savannah, Ohio. Ice cream dispenser. 1,930,037; Oct. 10.
- Bruce, Albert W., Ottumwa, Iowa. Ventilating and heating system and method. 1,933,541; Nov. 7.
- Bruce, Alfred W., New York, N. Y. Stay bolt construction. 1,893,017; Jan. 3.
- Bruce, Alfred W., New York, N. Y. Locomotive valve mechanism. 1,913,360; June 13.
- Bruce, E. L., Company. (See Gray, Milton, assignor.)
- Bruce, E. L., Company. (See Livezey, William F., assignor.)
- Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive antenna system. 1,899,410; Feb. 28.
- Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 1,905,792; Apr. 25.
- Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 1,910,147; May 23.
- Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiver circuit. 1,913,428; June 13.
- Bruce, Edmond, Red Bank, and H. T. Friis, Rumson, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio direction finder. 1,916,358; July 4.
- Bruce, Emmitt T., et al. (See Thomas, Jack L., assignor.)
- Bruce-Macbeth Engine Company, The. (See Allen, Harry L., assignor.)
- Bruce, Thomas J., Wichita, Kans. Piston ring milling machine. 1,900,755; Mar. 7.
- Bruce, William M., Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Silicate gel manufacture. 1,928,123; Sept. 26.
- Bruce, William McA., assignor to The Permutit Company, New York, N. Y. Making zeolites. 1,906,202; Apr. 25.
- Bruce, William McA., assignor to The Permutit Company, New York, N. Y. Manufacture of water-softening zeolites. 1,906,203; Apr. 25.
- Bruch, Heinrich, Siegen, Germany. Closet for sick beds. 1,918,896; July 18.
- Brüche, Ernst. (See Mayer, E., and Brüche.)
- Brüche, Ernst, Danzig, Free city of Danzig, assignor to General Electric Company. Apparatus for measuring magnetic fields. 1,895,373; Jan. 24.
- Brück, Stephan, Berlin, Germany. Gripping device. 1,912,251; May 30.
- Bruck, Walter, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Halogenated anthraquinonecarbidones and making same. 1,903,891; Apr. 18.
- Brückel, Waldemar, Berlin, Germany, assignor to General Electric Company. Supervisory control system. 1,913,187; June 6.
- Brückel, Waldemar, Berlin, and R. Köberich, Berlin-Tegel, Germany, assignors to General Electric Company. Supervisory system. 1,913,188; June 6.
- Brucker, Henry, Maplewood, assignor to American Aluminum Ware Co., Newark, N. J. Pouring spout and container. 1,934,695; Nov. 14.
- Bruckmann, Heinrich. (See Radermacher, August, and Bruckmann.)
- Bruckmann, Peter C., W. R. Hager, and J. C. Griffith, St. Louis, Mo., assignors, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y. Driving mechanism. 1,933,413; Oct. 31.
- Bruckner, Nicholas. (See De Nagy, Bela, assignor.)
- Bruckner, Robert E., Hastings upon Hudson, assignor to Doherty Research Company, New York, N. Y. Fuel feeding system for Otto engines. 1,897,967; Feb. 14.
- Bruckner, Robert E., Easton, Pa., assignor to Doherty Research Company, New York, N. Y. Three-cylinder tandem engine. 1,900,858; Mar. 7.
- Brucks, Arthur C., assignor to Hopeck Manufacturing Company, New York, N. Y. Washable toilet puff. 1,935,500; Nov. 14.
- Bruder, Emil A., Los Angeles, Calif. Body exercising apparatus. 1,904,039; Apr. 18.
- Bruder, Lawrence. (See Allsworth, T. W., Abbott and Bruder.)
- Brudie, Bernard B., Grantwood, N. J. Multiple electric outlet structure. 1,938,372; Dec. 5.
- Brudney, Harry, New York, N. Y. Protective device for packages of cigarettes. 1,917,427; July 11.
- Bruenger, Zeno A., Boise, Idaho. Metered-kerf piston. 1,911,163; May 23.
- Bruel, Edward N., Brooklyn, N. Y. Toe pad. 1,930,413; Oct. 10.
- Bruening, Francis J. (See Weed, Fred E., assignor.)
- Bruenshaber, Martin W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 1,915,150; June 20.
- Bruenshaber, Martin W., Chicago, Ill., assignor to Goss Printing Press Company. Stereotyping process and mechanism. 1,937,493; Nov. 28.
- Bruenshaber, Martin W., Chicago, Ill., assignor to Goss Printing Press Company. Stereotyping process and mechanism. 1,937,494; Nov. 28.
- Bruenshaber, Martin W., River Forest, assignor to The Goss Printing Press Co., Chicago, Ill. Printing press. 1,923,910; Aug. 22.
- Bruenshaber, Martin W., River Forest, and H. Lang, La Grange, assignors to The Goss Printing Press Co., Chicago, Ill. Printing press. 1,906,364; May 2.
- Bruger, Charles W., Union City, N. J. Lock for the covers of rotating tanks. 1,933,240; Oct. 31.
- Brüggmann, William F., Chicago, Ill. Printer's register hook. 1,903,804; Apr. 18.
- Bruhn, Bruno, Essen, Germany. Cement and producing the same. 1,910,675; May 23.
- Bruhn, Bruno, New York, N. Y. Making cement from fluid slag. 1,910,676; May 23.
- Bruijnes, Johannes. (See Zecher, Gustav, and Bruijnes.)
- Bruijnes, Johannes, and J. P. M. Mutsaers, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Luminous tube sign. 1,914,074; June 13.
- Brunner, Amiel. (See Bachelder, W. H., and Brummer.)
- Brump, Herbert L. (See Gaubert, J. Q., Brump, and Forsythe.)
- Brump, Herbert L., assignor to General Motors Radio Corporation, Dayton, Ohio. Tuning mechanism. 1,912,757; June 6.
- Brump, Herbert L., F. O., and F. E. Gray, assignors to General Motors Radio Corporation, Dayton, Ohio. Automatic phonograph. 1,902,158; Mar. 21.
- Brun, Albert, Paris, France. Safety device for locks. 1,900,794; Mar. 7.
- Brunk, Richard, Berlin-Charlottenburg, A. Kreutzer and W. Boeck, Emmerich-on-the-Rhine, assignors to the Firm Deutsche Gasolin Aktiengesellschaft, Berlin-Charlottenburg, Germany. Working up naphthenic acid soap-containing oily residues. 1,938,513; Dec. 5.
- Brundage, James W. (See Cassley, W. J., and Brundage.)
- Brundage, James W., assignor, by mesne assignments, to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. Re18,808; Apr. 25.
- Brundage, James W., assignor to The Summit Mold & Machine Company, Akron, Ohio. Molding press. 1,895,603; Jan. 31.
- Brundage, James W., assignor to The Summit Mold & Machine Company, Akron, Ohio. Molding press. 1,895,604; Jan. 31.
- Brundage, Seth W. (See Miller, Charles F., assignor.)
- Brundage, Seth W. (See Miller, C., and Brundage.)
- Bruneau, Kate S., Big Sioux Township, Union County, S. Dak. Sanitary toothpick container. 1,927,021; Sept. 19.
- Brunner, Adolf, assignor to the Firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Indicator apparatus for multicylinder engines. 1,928,809; Oct. 3.
- Brungardt, Alphonse O., Scituate, F. H. Morehead, Brookline, and J. W. Morrissey, Medford, Mass. Portable pipe cutter. 1,902,616; Mar. 21.
- Brunhüner, Georg, assignor to E. G. Bek, Pfofzheim, Germany. Soldering. 1,904,616; Apr. 18.
- Bruni, Giuseppe, and T. G. Levi, assignors to Società Italiana Pirelli, Milan, Italy. Vulcanization of rubber. 1,892,719; Jan. 3.
- Bruning, Clarence A., Colfax, Wash. Separable floral rack. 1,919,824; July 25.
- Bruning, Clarence A., Colfax, Wash. Portable supporting rack. 1,928,217; Sept. 26.
- Bruning, William G., Omaha, Nebr. Lock for gasoline tanks. 1,897,185; Feb. 14.
- Bruning, William L., New York, N. Y., assignor to Brown & Bigelow, St. Paul, Minn. Deck of playing cards. Des. 89,034; Jan. 17.

- Brunle, Jacob, Brooklyn, and A. Weggenman, Scarsdale, N. Y. Concrete floor construction and mold therefor. 1,925,229; Sept. 5.
- Brunner, Albert, assignor to Wagner Electric Corporation, St. Louis, Mo. Hose fitting. 1,901,143; Mar. 14.
- Brunner, Albert H., assignor to Schumacher Wall Board Corporation, Los Angeles, Calif. Material handling system. 1,913,533; June 13.
- Brunck, Arnold, and H. Greune, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. W-halogen-methyl derivatives of aromatic hydrocarbons and preparing the same. 1,910,462; May 23.
- Brunner, August G., Plauen, Germany. Bearing support. 1,920,546; Aug. 1.
- Brunner, Ernst. (See Straub, F. and Brunner.)
- Brunner, Felix, Modling, near Vienna, Austria. Filling device for pastry matter. 1,909,454; May 16.
- Brunner, Harold E., Larchmont, N. Y., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Mounting crank-shaft bearing. 1,939,618; Dec. 12.
- Brunner, John, Chicago, Ill. Heat treatment of steel rails. 1,894,551; Jan. 17.
- Brunner, John, Chicago, Ill. Heat treatment of rails. 1,896,572; Feb. 7.
- Brunner, John, Chicago, Ill. Rail joint. 1,900,975; Mar. 14.
- Brunner, John, Chicago, Ill. Heat treatment of steel rails. 1,925,029; Aug. 29.
- Brunner, John, Chicago, Ill. Heat treatment of steel rails. 1,929,346; Oct. 3.
- Brunner, Joseph, Yonkers, N. Y. Cigarette package. 1,912,967; June 6.
- Brunner, Lewis K., Hulmeville, Pa. Engine starter. 1,897,923; Feb. 14.
- Brunner Manufacturing Company. (See Pendergast, Maurice H., assignor.)
- Brunner, Walter. (See Steiger, N., and Brunner.)
- B'uno, Americus D. (See Mascetti, F. E., and Bruno.)
- Bruno, Mariano, Brooklyn, N. Y. Signal indicating system. 1,896,218; Feb. 7.
- Bruns, Mrs. Heinrich, et al. (See Rau, Fritz, assignor.)
- Bruns, Robert F., Sarpy County, Nebr. Fluid fuel burners. 1,920,460; Aug. 1.
- Brunski, John, Kansas City, Kans. Sectional fixture. 1,907,495; May 9.
- Brunson, Earl S., Elwood, Ind. Lamp chimney forming machine. 1,935,541; Nov. 14.
- Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft. (See Ewald, Harry, assignor.)
- Brunsviga Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft. (See Haase, Richard, assignor.)
- Brunsviga-Maschinenwerke Grimme Natalis & Co., Aktiengesellschaft Braunschweig. (See Hoffmeister, Hermann, assignor.)
- Brunsviga-Maschinenwerke Grimme, Natalis & Co. Aktiengesellschaft. (See Koch, Otto, assignor.)
- Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft. (See Wernecke, Otto, assignor.)
- Brunswick-Balke-Collender Company. (See Hansen, Peter, assignor.)
- Brunswick-Balke-Collender Company, The. (See Johnson, Frederick J., assignor.)
- Brunswick-Balke-Collender Company, The. (See Matteson, Jesse O., assignor.)
- Brunswick, Jules, Paris, France. Cellular cushion tire of rubber for vehicle wheels. 1,928,524; Sept. 26.
- Brunswig, Marguerite, Los Angeles, Calif. Dial for timepieces. Des. 89,434; Mar. 14.
- Brunton, William B., Winnipeg, Manitoba, Canada. Vending machine. 1,918,737; July 18.
- Bruntsch, Carl G., Portland, Oreg., assignor to Schmidt Lithograph Company, San Francisco, Calif. Fruit box liner. 1,894,531; Jan. 17.
- Brus, Emile P. (See Strang, J. J., and Brus.)
- Brus, Emile P., and J. J. Strang, Kansas City, Mo. Device for cooling condenser water. 1,933,703; Nov. 7.
- Brush, Alanson P., Detroit, Mich. Internal combustion engine. 1,915,977; June 27.
- Brush Development Company, The. (See Kjellgren, Bengt, assignor.)
- Brush, John G. (See Davis, C. F., and Brush.)
- Brush Laboratories Company, The. (See Sawyer, Charles B., assignor.)
- Brushaway Products, Incorporated. (See Evans, George V., assignor.)
- Brunson, Herman A., Germantown, Pa., assignor to The Resinous Products & Chemical Co. Inc. Esters derived from petroleum hydrocarbons and producing same. 1,896,608; Feb. 7.
- Brunson, Herman A., Germantown, assignor to Resinous Products and Chemical Co. Inc., Philadelphia, Pa. Alkoxyacetic acids. 1,920,137; July 25.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Coating composition containing a siccativ. 1,920,160; July 25.
- Brunson, Herman A., Germantown, assignor to Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Drier and drying oil composition. 1,933,520; Oct. 31.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Resin from phenols and aroylbenzoic acids. 1,934,032; Nov. 7.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Compound of the aroyl-o-benzoic acid series. 1,934,033; Nov. 7.
- Brunson, Herman A., Germantown, assignor to The Resinous Products & Chemical Company, Inc., Philadelphia, Pa. Oil-soluble basic salts of aroylbenzoic acids. 1,939,621; Dec. 12.
- Brunson, Herman A., Germantown, assignor to Rohm & Haas Company, Philadelphia, Pa. Accelerating oil drying and siccativ therefor. 1,939,622; Dec. 12.
- Brunson, Herman A., Philadelphia, Pa. Drier for oil. 1,927,867; Sept. 26.
- Brunson, Herman A., Philadelphia, Pa., assignor to The Resinous Products & Chemical Co. Inc. Salts of ketonic acids derived from petroleum hydrocarbons and preparing same. 1,894,460; Jan. 17.
- Brunson, Herman A., Philadelphia, Pa., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Organic solvents and plasticizer. 1,909,092; May 16.
- Brunson, Herman A., assignor to Rohm & Haas Company, Philadelphia, Pa. Quick drying oil and producing same. 1,933,521; Oct. 31.
- Brunson, Herman A., J. D. Robinson, and O. Stein, assignors to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Amylbenzoic acid and preparing same. 1,930,449; Oct. 10.
- Brussolo, Vito A., Pilares de Nacozari, Mexico, assignor to Phelps Dodge Corporation, Morenci, Ariz. Midget mechanical shovel. 1,915,485; June 27.
- Brust, Alexander. (See Frenkel, E. W., and Brust.)
- Brutsche, Earl J., Battle Creek, Mich. Burial vault mold. 1,897,603; Feb. 14.
- Bryan, Artis C., Syracuse, N. Y. Dual rear axle drive for auto trucks. 1,927,276; Sept. 19.
- Bryan, Charles F., North Plainfield, N. J. Kite. 1,914,822; June 20.
- Bryan, Ernest E. (See Turner, W. A., Walls, and Bryan.)
- Bryan, Hamilton V., U. S. Navy. Toothbrush. 1,901,866; Mar. 21.
- Bryan, Joseph M., and B. Smartt, Indianapolis, Ind.; said Smartt assignor to said Bryan. Self-lubricating bearing. 1,894,082; Jan. 10.
- Bryan, Joseph M., and B. Smartt, Indianapolis Ind.; said Smartt assignor to said Bryan. Combined dust guard and oil seal. 1,913,104; June 6.
- Bryan, Lyle W., Kansas City, Mo. Rim construction. 1,936,823; Nov. 28.
- Bryan, Noel T., Bermondsey, assignor to The Associated London Flour Millers Limited, London, England. Treatment of wheat and flour. 1,912,472; June 6.
- Bryan, Thomas E., Fort Worth, Tex. Fluid well valve. 1,927,081; Sept. 19.
- Bryan, Wade S., et al. (See Bridge, William D., assignor.)
- Bryans, William A. (See Williams, Harry S., assignor.)
- Bryant, Arthur P., assignor to Clinton Corn Syrup Refining Company, Clinton, Iowa. Making starch. 1,937,543; Dec. 5.
- Bryant, Blanche B., administratrix. (See Bryant, William L.)
- Bryant, C. L., Corporation. (See Bryant, Charles L., assignor.)
- Bryant, Calvin H. (See Johnson, C. B., and Bryant.)
- Bryant, Carrel C., Morristown, N. J. Mulching product and producing and using the same. 1,931,248; Oct. 17.
- Bryant, Charles L., assignor to C. L. Bryant Corporation, Cleveland, Ohio. Control device for heaters. 1,935,237; Nov. 14.
- Bryant Chucking Grinder Company. (See Bryant, William L., assignor.)
- Bryant, David Y., Sarnia, Ontario, Canada. Mill for pulverizing and the like. 1,903,166; Mar. 28.
- Bryant Electric Company, The. (See Cunningham, Roy H., assignor.)
- Bryant Electric Company, The. (See Goodridge, Gilbert W., assignor.)
- Bryant Electric Company. (See Webster, Benjamin C., assignor.)
- Bryant, Frank H., Terre Haute, Ind. Combination drain and pipe coupling. 1,940,742; Dec. 26.
- Bryant, Frank L., assignor, by mesne assignments, to Celulfoam Corporation, Chicago, Ill. Padding material. 1,909,521; May 16.
- Bryant, Frank L., assignor, by mesne assignments, to Celulfoam Corporation, Chicago, Ill. Drying apparatus for layers of fibrous materials. 1,929,090; Oct. 3.
- Bryant, Fred L. (See Chappelow, E. G., and Bryant.)
- Bryant Heater Company, The. (See Stark, Willet E., assignor.)
- Bryant, James A., St. Charles, Ill. Railroad track dresser. 1,915,919; June 27.
- Bryant, Jerrus M., Philadelphia, Pa., assignor to Link-Belt Company. Control device. 1,922,352; Aug. 15.
- Bryant, Julian K., Draut, assignor to T. C. Entwistle Company, Lowell, Mass. Traverse-motion for winding machines and the like. 1,918,587; July 18.
- Bryant, Ozo N., Moores, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid pressure responsive diaphragm. 1,937,314; Nov. 28.
- Bryant Paper Company. (See Clements, William B., assignor.)
- Bryant Paper Company. (See Clements, W. B., and Burggraf, assignors.)

- Bryant, Roy B., Dallas, Tex. Automatic sound reproducing apparatus. 1,918,588; July 18.
- Bryant Self-Adjusting Brakes, Inc. See Bryant, William H., assignor.)
- Bryant, William H., North Little Rock, Ark., assignor to Bryant Self-Adjusting Brakes, Inc. Slack adjuster. 1,908,515; May 9.
- Bryant, William L., deceased, B. B. Bryant, administratrix, assignor to Bryant Chucking Grinder Company, Springfield, Vt. Gauge. 1,912,618; June 6.
- Bryant, William L., deceased, B. B. Bryant, administratrix, assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine or the like. 1,920,290; Aug. 1.
- Bryars, Worth M., Merced, Calif. Line safety device for typographical machines. 1,918,376; July 18.
- Bryce, James W., Bloomfield, N. J., assignor to Dayton Scale Company, Dayton, Ohio. Lock for weighing scales. 1,896,283; Feb. 7.
- Bryce, James W., Bloomfield, N. J., assignor to Dayton Scale Company, Dayton, Ohio. Printing attachment for scales. 1,896,284; Feb. 7.
- Bryce, James W., Bloomfield, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y. Tabulating machine. 1,896,538; Feb. 7.
- Bryce, James W., Bloomfield, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y. Controlling device for record-controlled machines. 1,902,013; Mar. 21.
- Bryce, James W., Bloomfield, N. J., assignor to International Time Recording Company, Endicott, N. Y. Synchronizing clock control system. 1,908,112; May 9.
- Bryce, James W., Bloomfield, N. J., assignor to The Tabulating Machine Company. Group indicating system. 1,916,961; July 4.
- Bryce, James W., Bloomfield, N. J., assignor to Dayton Scale Company, Dayton, Ohio. Scale. 1,916,962; July 4.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 1,926,890; Sept. 12.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism for accounting machines. 1,926,891; Sept. 12.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing mechanism. 1,926,892; Sept. 12.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Electric transfer for tabulating machines. 1,926,893; Sept. 12.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Synchronized clock system and secondary clock therefor. 1,929,237; Oct. 3.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting machine. 1,930,262; Oct. 10.
- Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Split automatic control system for tabulators. 1,933,308; Oct. 31.
- Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Zero printing tabulator. 1,933,309; Oct. 31.
- Brygger, Harold E. (See Freimund, H., and Brygger.)
- Brykowitz, John, Wetaskiwin, Alberta, Canada. Automobile direction indicator. 1,895,123; Jan. 24.
- Bryner, Fred. (See Britton, E. C., and Bryner.)
- Brynolfsson, Sigfus, San Francisco, Calif. Fireplace damper. 1,939,537; Dec. 12.
- Bryson, Frank, public administrator. (See von Astholz, M., and Concha.)
- Bryson, Tandy A., Troy, assignor to Tolhurst Machine Works, Inc., New York, N. Y. Aperiodic mounting for centrifugal extractors. 1,933,310; Oct. 31.
- Bryson, William H., Savannah, Ga. Envelope flap moistener and sealing device. 1,910,677; May 23.
- Brzezicki, John K., assignor of one-half to M. Herbert, Moon Run, Pa. Combined tobacco box and cigarette paper holder. 1,904,777; Apr. 18.
- Bubb, Harry A., Monroe, La., assignor to Home Food Company, Inc. Insulated container. 1,937,263; Nov. 28.
- Bubien, Stanley, Kenosha, Wis. Shelf support. 1,916,202; July 4.
- Buc, Hyum E., Roselle, N. J., assignor to Standard Oil Development Company. Purifying higher alcohols. 1,911,798; May 30.
- Buc, Hyum E., Roselle, N. J., assignor to Standard Oil Development Company. Production of valuable derivatives from olefins. 1,939,384; Dec. 12.
- Buchan, Hugh G., Philadelphia, Pa. Mechanism for shifting sheets. 1,905,437; Apr. 25.
- Buchan, Hugh G., Philadelphia, Pa. Directory holder. 1,911,799; May 30.
- Buchan, Hugh G., Philadelphia, Pa. Expansive binder. 1,911,800; May 30.
- Buchan, Hugh G., Philadelphia, Pa. Lock binder. 1,911,801; May 30.
- Buchan, Hugh G., assignor to Buchan Telephone Records Company, Philadelphia, Pa. Pamphlet binding back. 1,893,727; Jan. 10.
- Buchan Telephone Records Company. (See Buchan, Hugh G., assignor.)
- Buchanan, Ferdinand C., assignor to A. A. Kramer, Kansas City, Mo. Double shell tank vehicles. 1,908,684; May 16.
- Buchanan, Frank, assignor to Crouse-Hinds Company, Syracuse, N. Y. Dash illuminating headlight. 1,917,292; July 11.
- Buchanan, Guy H., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Solvent. 1,926,510; Sept. 12.
- Buchanan, Guy H., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Ester solvent and composition. 1,926,511; Sept. 12.
- Buchanan, Guy H., Westfield, N. J., and W. Moore, Chappaqua, assignors to American Cyanamid Company, New York, N. Y. Seed disinfection. 1,939,951; Dec. 19.
- Buchanan, Isaac W. P., Lebanon, Tenn. Compression spray gun. Re18,813; May 2.
- Buchanan, John C. (See Blood, H. E., Buchanan, and Mapson.)
- Buchanan, John C., and E. F. Hubacker, assignors to Norge Corporation, Detroit, Mich. Rotary compressor. 1,913,657; June 13.
- Buchanan, John C., and E. F. Hubacker, assignors to Norge Corporation, Detroit, Mich. Discharge valve. 1,931,017; Oct. 17.
- Buchanan, John H., Ames, Iowa, assignor to American Bottlers of Carbonated Beverages, Washington, D. C. Method of titration for determining the caustic strength of alkaline solutions. 1,912,473; June 6.
- Buchanan, John R., and T. M. Cray, Ottawa, Ontario, Canada. Method and apparatus for joining woven wire fabric. 1,908,402; May 9.
- Buchanan, John R., and T. M. Cray, Ottawa, Ontario, Canada. Wire cloth or fabric. 1,909,914; May 16.
- Buchanan, John R., and T. M. Cray, Ottawa, Ontario, Canada. Joining the ends of wire cloth or fabric. 1,909,915; May 16.
- Buchanan, Michael K., Ocean View, Va. Ice cube pan lifter. 1,893,535; Jan. 10.
- Buchanan, Michael K., and A. G. Horton, Norfolk, Va. Refrigerating pan. Re18,819; May 2.
- Buchanan, Michael K., and A. G. Horton, Norfolk, Va. Ice cube pan. 1,912,065; May 30.
- Buchanan, Michael K., and A. G. Horton, Ocean View, Va. Ice cube pan. 1,932,689; Oct. 31.
- Buchanan, Stephen N., Elizabeth, N. J. Cable connector. 1,904,617; Apr. 18.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 1,897,186; Feb. 14.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 1,899,309; Feb. 28.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Fixture support. 1,916,412; July 4.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Safety lamp. 1,921,069; Aug. 8.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Ground fitting. 1,922,077; Aug. 15.
- Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Floor box. 1,928,198; Sept. 26.
- Buchanan, Stephen N., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Ground wire coupler. 1,900,329; Mar. 7.
- Buchanan, William E., assignor to Appleton Wire Works, Inc., Appleton, Wis. Producing seams in wire fabrics. 1,895,605; Jan. 31.
- Buchanan, William E., assignor to Appleton Wire Works, Inc., Appleton, Wis. Weaving Fourdrinier wires. 1,897,232; Feb. 14.
- Buchel, Jules, assignor of one-half to the Estate of C. Louche, one-twentieth to L. H. Rayner, and one-twentieth to J. F. Dupuy, New Orleans, La. Refrigerating device. 1,903,437; Apr. 11.
- Buchet, Conrad R., assignor to Adjusto Equipment Company, Los Angeles, Calif. Car lift and greasing device. 1,908,635; May 16.
- Buchet, Conrad R., Long Beach, assignor of one-fourth to W. G. Lacy, one-fourth to W. P. Lacy, and one-fourth to C. F. Chambers, Los Angeles, Calif. Visible flusher. 1,926,512; Sept. 12.
- Buchhold, Theodor, Mannheim-Neustheim, Germany, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Control system. 1,911,178; May 30.
- Buchhold, Theodor, Mannheim-Neustheim, and E. Fleischhammer, Mannheim, Germany, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Tap changing system. 1,914,907; June 20.
- Buchholtz, Herbert, Dortmund, assignor to the firm of Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Making high-grade borehole casings. 1,931,717; Oct. 24.
- Buchholz, Max, Cassel, Germany. Protecting electrical apparatus. 1,936,707; Nov. 28.

- Buchholz, Max E., assignor to The Bright Star Battery Company, Hoboken, N. J. Vest pocket type flash light. 1,895,913; Jan. 31.
- Buchholz, Theodor, Berlin-Dahlem, Germany, assignor to American G E O Company, New York, N. Y. Making metallic railway sleepers. 1,936,824; Nov. 28.
- Buchi, Alfred, Winterthur, Switzerland. Internal combustion engine. 1,893,127; Jan. 3.
- Büchi, Alfred, Winterthur, Switzerland. Internal combustion engine. 1,895,588; Jan. 31.
- Buchi, Alfred, Winterthur, Switzerland. Turbo blower aggregate for internal combustion engines. 1,906,132; Apr. 25.
- Büchi, Alfred, Winterthur, Switzerland. Internal combustion engine having exhaust turbines and compressors. 1,910,279; May 23.
- Buchi, Alfred, Winterthur, Switzerland. Exhaust turbo-charged, double-acting internal combustion engine. 1,921,906; Aug. 8.
- Buchi, Alfred, Winterthur, Switzerland. Exhaust turbo blower for internal combustion engines. 1,921,907; Aug. 8.
- Buchi, Alfred, Winterthur, Switzerland. Double acting internal combustion engine. 1,938,737; Dec. 12.
- Buchli, Jacob, Winterthur, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Flexible coupling. 1,934,113; Nov. 7.
- Büchner, Carl, assignor of one-half to Papyrus A. G., Mannheim-Waldorf, Germany. Apparatus for sorting transparent or translucent papers, film foils, and the like. 1,900,633; Mar. 7.
- Buchner, George J., Bethlehem, Pa., assignor to Bethlehem Steel Company. Manufacturing return ends. 1,933,241; Oct. 31.
- Buchner, Max, Hanover-Kleefeld, Germany. Decomposition of complex hydrofluoric salts. 1,896,697; Feb. 7.
- Buchner, Max, Hanover-Kleefeld, Germany. Producing salts of hydrofluosilicic acid. 1,899,607; Feb. 28.
- Buchner, Max, Hanover-Kleefeld, Germany. Producing pure aluminum combinations adapted for the production of aluminum. 1,914,768; June 20.
- Buchner, Max, Hannover-Kleefeld, Germany. Apparatus for the decomposition of complex hydrofluoric salts. 1,918,377; July 18.
- Buchner, Max, Hanover-Kleefeld, and F. Gewecke, Wunstorf, near Hanover, Germany. Producing aluminium sulphate. 1,916,603; July 4.
- Buck, Arthur W., assignor to Buck X-Ray Company, St. Louis, Mo. Holder for dental X-ray films. 1,906,223; May 2.
- Buck, Charles M., Brooklyn, N. Y. Pulverized fuel feeder. 1,893,857; Jan. 10.
- Buck, Charles M., Brooklyn, N. Y. Combustion of coal. 1,925,132; Sept. 5.
- Buck, Everett S., assignor, by mesne assignments, to The Edwards Manufacturing Company, Cincinnati, Ohio. Automatic valve. 1,919,413; July 25.
- Buck, Frank L. Freeport, N. Y. Rubber stamp construction. 1,920,058; July 25.
- Buck, George B., Moline, Ill. Fender and body straightening tool. 1,893,196; Jan. 3.
- Buck, George B., Moline, Ill. Fender and body straightening tool. 1,927,304; Sept. 19.
- Buck, Russell E., Kalamazoo, Mich., assignor to Sterling Automotive Products Corporation, Buffalo, N. Y. Tire valve. 1,935,938; Nov. 21.
- Buckeye Aluminum Company, The. (See Porter, Kirk E., assignor.)
- Buckeye Blower Company. (See Ewald, Warren, assignor.)
- Buckeye Blower Company, The. (See Harnett, Lewis D., assignor.)
- Buckeye Incubator Manufacturing Company. (See Hart, Thomas H., assignor.)
- Buckeye Incubator Manufacturing Company, The. (See Sturgis, La Verne C., assignor.)
- Buckeye Iron and Brass Works. (See Rike, Frederick F., assignor.)
- Buckeye Iron and Brass Works. (See Trace, Russell A., assignor.)
- Buckeye Jack Manufacturing Company, The. (See Clark, Harold W., assignor.)
- Buckeye Portable Tool Company, The. (See Price, W. W., and Ripsch, assignors.)
- Buckeye Steel Castings Company, The. (See Johnson, G. T., and Hansen, assignors.)
- Buckeye Steel Castings Company, The. (See Johnson, G. T., and Stertzbach, assignors.)
- Buckeye Steel Castings Company, The. (See Murphy, George M., assignor.)
- Buckeye Steel Castings Company, The. (See Orr, Claude L., assignor.)
- Buckeye Steel Castings Company, The. (See Ott, Percy W., assignor.)
- Buckeye Steel Castings Company, The. (See Speck, W. C., and Barker, assignors.)
- Buckeye Steel Castings Company, The. (See Whitridge, John C., assignor.)
- Buckeye Steel Castings Company, The. (See Wolfe, Harry H., assignor.)
- Buckeye Traction Ditcher Company, The. (See George, Charles L., assignor.)
- Buckeye Twist Drill Company, The. (See Rodman, C. J., and Dunmire, assignors.)
- Buckhout, Halsey L., Rochester, N. Y. Syringe. 1,925,230; Sept. 5.
- Bücking, Hans J., Alsfeld, Germany. Sewing machine. 1,910,200; May 23.
- Buckingham, Alfred O., New Rochelle, assignor to Cluett, Peabody & Co., Troy, N. Y. Garment board. 1,905,793; Apr. 25.
- Buckingham, Lewis Y., Washington, D. C. Awning frame. 1,928,366; Sept. 26.
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Tuning fork temperature compensation and frequency adjustment. 1,912,343; May 30.
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Tuning fork drive. 1,913,331; June 6.
- Buckius, Albert O., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Roller bearing journal box. 1,924,270; Aug. 29.
- Buckius, Albert O., assignor to National Malleable & Steel Castings Company, Cleveland, Ohio. Journal box lid. 1,938,315; Dec. 5.
- Buckius, Albert O., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 1,940,204; Dec. 19.
- Buckland, Charles F. (See Petherbridge, C. E., and Buckland.)
- Buckle, Horace L. T., Iver Heath, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Magazine talking machine. 1,935,140; Nov. 14.
- Buckle, Horace L. T., Buckinghamshire, and H. A. Thompson, Ealing, London, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Talking machine. 1,923,558; Aug. 22.
- Bucklen, Herbert E. (See Dienner, John A., assignor.)
- Buckler, Charles H., Camden, N. J. Game playing club. 1,918,179; July 11.
- Buckley, John J., Chester, Pa. Device for rotary cutting and the like. 1,916,253; July 4.
- Buckley, John J., Boston, Mass., assignor to Firebar Corporation, Cleveland, Ohio. Furnace grate construction. 1,912,886; June 6.
- Buckley, John P., Washington, D. C. Aircraft signaling. 1,894,019; Jan. 10.
- Buckley, John P., Washington, D. C. Toy. 1,903,805; Apr. 18.
- Buckley, John P., Washington, D. C. Airway system. 1,906,736; May 2.
- Buckley, Leo J., Binghamton, N. Y. Combination table. 1,903,026; Mar. 28.
- Buckley, Leo J., Binghamton, N. Y. Diaphonic sound producer. 1,913,262; June 6.
- Buckley, Matthew J., Wauwatosa, Wis. Tensioning device for ironing machines. 1,914,908; June 20.
- Buckley, Oliver E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,896,767; Feb. 7.
- Buckley, Oliver E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine signaling cable. 1,903,975; Apr. 18.
- Buckley, Oliver E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable loading coil. 1,924,106; Aug. 29.
- Buckley, Orin J., et al. (See Crane, Hubert R., assignor.)
- Buckley, William, Chicago, Ill. Adjustable centrifugal pump. 1,896,219; Feb. 7.
- Buckminster, Ira C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last positioning and clamping mechanism. 1,938,578; Dec. 12.
- Buckminster, Ira C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon lasts. 1,938,689; Dec. 12.
- Buckner, John L., and J. C. Ward, Paris, Ky. Football. 1,931,429; Oct. 17.
- Buckner, Orello S., Westboro, Mass. Apparatus and making abrasive tools. 1,930,788; Oct. 17.
- Buckner, William A., Fresno, Calif. Slow-speed rotation facilitator for sprinkler heads. 1,910,678; May 23.
- Buckner, William A., Fresno, Calif. Sprinkler. 1,917,632; July 11.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing axle. 1,906,529; May 2.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Blank for making axle reinforcements. 1,906,530; May 2.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. End member for tubular axles. 1,906,531; May 2.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 1,910,148; May 23.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Securing means for split axle housings and the like. 1,913,744; June 13.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Journal box and cover. 1,913,745; June 13.
- Bucyrus-Erie Company. (See Barr, Rowland W., assignor.)
- Bucyrus-Erie Company. (See Ferris, Walter, assignor.)

- Bucyrus-Erie Company. (See Fykse, Mitchell L., assignor.)
- Bucyrus-Erie Company. (See Fykse, M. L., and Bauer, assignors.)
- Bucyrus-Erie Company. (See Keese, Matthew F., assignor.)
- Bucyrus-Erie Company. (See Stevens, Paul S., assignor.)
- Buck X-Graph Company. (See Buck, Arthur W., assignor.)
- Bucy, Edmond H., Waukegan, assignor to Brevolite Lacquer Co., North Chicago, Ill. Dispersing pigments in cellulose ester solutions and products obtained thereby. 1,911,104; May 23.
- Bucyrus-Erie Company. (See Fykse, Mitchell L., assignor.)
- Bucyrus-Erie Company. (See Lehman, Werner, assignor.)
- Bucyrus-Erie Company. (See Lehman, W., and Fykse, assignors.)
- Bucyrus-Erie Company. (See Poor, Frederic H., assignor.)
- Bucyrus-Monighan Company. (See Tunison, John L., assignor.)
- Bud Radio Inc. (See Haas, Max L., assignor.)
- Buda Company, The. (See Jenkins, James W., assignor.)
- Budd, Anthony G., and H. Barton, West Moors, England. Mechanical appliance for removing feathers, stubs, and down from fowls, game-birds, ducks, geese, or the like. 1,925,625; Sept. 5.
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Leonard, L. H., and Whitesell, Jr., assignors.)
- Budd, Edward G., Manufacturing Company. (See Mungen, Theodore, assignor.)
- Budd, Edward G., Manufacturing Company. (See Paugh, James J., assignor.)
- Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
- Budd, Edw. G., Mfg. Company. (See Reed, George H., assignor.)
- Budd, Edward G., Manufacturing Company. (See Smith, Leonard, assignor.)
- Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
- Budd, Edward G., Manufacturing Company. (See Trautvetter, George, assignor.)
- Budd, Edward G., Manufacturing Company. (See Walmsley, George, assignor.)
- Budd Wheel Company. (See Davenport, Talmon A., assignor.)
- Budd Wheel Company. (See Eksbergian, Carolus L., assignor.)
- Budd Wheel Company. (See Eksbergian, C. L., and Kelley, assignors.)
- Budd Wheel Company. (See Eksbergian, C. L., and Weightman, assignors.)
- Budd Wheel Company. (See Farr, Warren H., assignor.)
- Budd Wheel Company. (See Hanson, Arthur F., assignor.)
- Budd Wheel Company. (See Hughes, James W., assignor.)
- Budd Wheel Company. (See Hunt, J. Harold, assignor.)
- Budd Wheel Company. (See Kelley, G. L., and Budd, assignors.)
- Budd Wheel Company. (See Otte, Otho M., assignor.)
- Budd Wheel Company. (See Ragsdale, Earl J. W., assignor.)
- Budd Wheel Company. (See Rosenberg, Ralph H., assignor.)
- Budd Wheel Company. (See Smith, Reuben S., assignor.)
- Budd Wheel Company. (See Tarbox, John P., assignor.)
- Budd Wheel Company. (See Temple, Robert B., assignor.)
- Budd Wheel Company. (See Wiles, Charles L., assignor.)
- Budde, Carrie L., Chicago, Ill. Surgical instrument. 1,908,403; May 9.
- Buddle, George T., assignor of twenty-five per cent to J. J. Sturm, and twenty-five per cent to M. N. Sturm, Chicago, Ill. Fishhook device. 1,928,367; Sept. 26.
- Buddle, George T., assignor of twenty-five per cent to J. J. Sturm and twenty-five per cent to M. N. Sturm, Chicago, Ill. Fishhook. 1,939,291; Dec. 12.
- Buddy "L" Mfg. Co. (See Anderson, Otto J., assignor.)
- Budenbom, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective circuit for superheterodyne radioreceivers. 1,896,065; Feb. 7.
- Budiloff, Nicolai. (See Jenny, A., Siebeneicher, and Budiloff.)
- Budiloff, Nicolai. (See Jenny, A., and Budiloff.)
- Budke, Carl, Mayfield, Ky. Continuous pressure filter. 1,917,696; July 11.
- Budlong, Arthur L., Hartford, Conn. Radio signaling system. 1,909,805; May 16.
- Budlong, Robert Davol, assignor to Hanson Scale Company, Chicago, Ill. Scale. Des. 89,843; May 9.
- Budlong, Robert D., assignor to United Autographic Register Co., Chicago, Ill. Autographic register. Des. 90,573; Aug. 29.
- Budlong, Robert Davol, assignor of one-half to James H. Rook, Chicago, Ill. Combination bathroom unit. Des. 90,279; July 11.
- Budnik, John. (See Skrlac, P., and Budnik.)
- Buedinger, William A., and S. G. Ryam, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Gas cell material. 1,907,496; May 9.
- Buehler, Fred, and J. G. Eagleson, assignors to Williams and Harvey Nurseries Co., Kansas City, Mo. Tree moving apparatus. 1,906,532; May 2.
- Buehler, Leon, jr., assignor to Frick Company, Waynesboro, Pa. Can filler. 1,899,134; Feb. 28.
- Buehler, Leon, jr., assignor to Frick Company, Waynesboro, Pa. Unloader for compressors. 1,910,000; May 23.
- Buehler, Leon, jr., assignor to Frick Company, Waynesboro, Pa. Unloader for compressors. 1,911,105; May 23.
- Buehler, Leon, jr., assignor to Frick Company, Waynesboro, Pa. Refrigerating machine. 1,937,809; Dec. 5.
- Buehring, William J., Chicago, Ill. Soldering and annealing. 1,914,881; June 20.
- Buell Combustion (Foreign) Limited. (See Blythe, George E. K., assignor.)
- Buell, Edward J. (See Lindsay, H., and Buell.)
- Buell, Edward J., Niagara Falls, N. Y., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Fourdrinier belt. 1,930,336; Oct. 10.
- Buelow, George. (See Buelow, Henry W. and G.)
- Buelow, Henry W., Royal Oak, and G. Buelow, Detroit, Mich. Structural element. 1,900,541; Mar. 7.
- Buenger, Clarence O., assignor to Hills-McCanna Company, Chicago, Ill. Tank car outlet valve. 1,899,938; Mar. 7.
- Buenger, Edward F., assignor to Wilson-Jones Company, Chicago, Ill. Chain post binder. 1,918,451; July 13.
- Buenger, Frederick L., Chicago, Ill. Vacuum pump. 1,897,547; Feb. 14.
- Bueno, Humberto L., Astoria, N. Y. Treating natural and artificial silk and agents therefor. 1,927,022; Sept. 19.
- Buerger, Arthur A. (See Dorst, J., and Weltz, assignors.)
- Buerger, Leo, New York, N. Y. Cystoscope and the like. 1,901,731; Mar. 14.
- Buerosse, Alfred E., Wauwatosa, Wis. Lock. 1,937,627; Dec. 5.
- Bueschel, Andrew E., Chicago, Ill. Carton. 1,940,292; Dec. 19.
- Buescher, Lawrence F., and R. A. Wilcox, Chicago, Ill. Collapsible hat. 1,926,430; Sept. 12.
- Buetefisch, Heinrich. (See Schneider, C., and Buetefisch.)
- Buettell, Samuel E., and J. J. Gruenfeld, assignors to Cross Parking Systems, Inc., Chicago, Ill. Vehicle storage system. 1,937,189; Nov. 28.
- Buettner, Raymond J., and R. A. Found, West Allis, Wis., J. M. Muntner, Chicago, and J. J. Neitz, Naperville, Ill., and Frank C. Zanzig, Milwaukee, Wis., assignors to Dudley Lock Corporation, Chicago, Ill. Self-closing combination lock. 1,902,214; Mar. 21.
- Bufa Laboratories. (See Falk, Matthew J., assignor.)
- Buff, Carl T. (See Hahn, C., and Buff.)
- Buff, Carl T., Berlin-Spandau, Germany, assignor, by mesne assignments, to International Precipitation Company, Los Angeles, Calif. Treatment of gases. 1,905,993; Apr. 25.
- Buff, Edward G. (See Kelley, G. L., and Budd.)
- Buff, Frank L., Wichita, Kans. Stoker. 1,906,247; May 2.
- Buffalo Brake Beam Company. (See Clouser, William W., assignor.)
- Buffalo Brake Beam Company. (See Crone, Seth A., assignor.)
- Buffalo Electric Furnace Corporation. (See Scott, Donald M., assignor.)
- Buffalo Electric Furnace Corporation. (See Wiles, Sydney T., assignor.)
- Buffalo Electro-Chemical Co. et al. (See Boedecker, F., and Seemann, assignors.)
- Buffalo Electro Chemical Co. Inc. (See Kauffmann, Hans, assignor.)
- Buffalo Forge Company. (See Yates, Arthur T., assignor.)
- Buffalo Foundry and Machine Co. (See Hinchliffe, Alfred W., assignor.)
- Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)
- Buffalo Foundry and Machine Co. (See Miles, H. D., and Montgomery, assignors.)
- Buffalo Jewelry Case Co. Inc. (See Sundee, John R., assignor.)
- Buffalo Pressed Steel Company. (See Haas, L. L., and Starkweather, assignors.)
- Buffalo Pressed Steel Company. (See MacKenzie, R. J., and Haas, assignors.)
- Buffalo Pumps Incorporated. (See Klosson, Michael M., assignor.)
- Buffalo Steam Pump Company. (See Klosson, Michael M., assignor.)
- Buffalo Wire Works Co. (See Scheeler, Charles A., assignor.)
- Buffelen, John, Tacoma, Wash. Cabinet ironing board. 1,909,093; May 16.
- Buffington, Harry E. (See Smith, H. E., and Buffington.)
- Buffington, Malcolm, Roselle Park, assignor to Lea Fabrics, Inc., Newark, N. J. Making a laminated fabric. 1,924,635; Aug. 29.
- Buford, William J. (See Spampinato, Anthony M., assignor.)
- Buzbee & Niles Company. (See King, Rufus, assignor.)
- Bugg, Kenly C., assignor to Ozark Novelty Company, Farmington, Mo. Coin control and selecting mechanism. 1,934,403; Nov. 7.

- Bugge, Vernon M., assignor to The Teletalk Corporation, Bridgeport, Conn. Means of communication. 1,936,900; Nov. 28.
- Buhler, Frank. (See Buhler, Philip, assignor.)
- Buhler, Philip, assignor of one-half to F. Buhler, New York, N. Y. Reel for motion picture machines. 1,924,977; Aug. 29.
- Buhr, Joseph F., assignor to Buhr Machine Tool Company, Ann Arbor, Mich. Collet means. 1,934,910; Nov. 14.
- Buhr Machine Tool Company. (See Buhr, Joseph F.)
- Buhr, Victor, Larchmont, N. Y. Refrigerating apparatus. 1,930,414; Oct. 10.
- Buhr, Victor, Larchmont, assignor to Equity Construction Company, New York, N. Y. Pipe hanger for hardening rooms. 1,939,538; Dec. 12.
- Buhrke, Alfred E., and A. F. Heeter, Chicago, Ill., assignors to R. H. Buhrke Company. Golf club. 1,916,963; July 4.
- Buhrke, R. H., Company. (See Buhrke, A. E., and Heeter, assignors.)
- Buhrke, R. H., Company. (See Heeter, Allen F., assignor.)
- Buhrle, Paul, Bronx, assignor to United Metal Goods Mfg. Co., Inc., Brooklyn, N. Y. Clock case. Des. 88,856; Jan. 3.
- Buhrle, Paul, Bronx, assignor to United Metal Goods Mfg. Co., Inc., Brooklyn, N. Y. Clock case or similar article. Des. 89,030; Jan. 10.
- Buhrle, Paul, Bronx, assignor to United Metal Goods Mfg. Co., Inc., Brooklyn, N. Y. Combined telephone support, clock case, and lamp. Des. 89,166; Feb. 7.
- Buhrle, Paul, Bronx, assignor to United Metal Goods Mfg. Co., Inc., Brooklyn, N. Y. Combined clock case and lamp. Des. 89,422; Mar. 7.
- Buiders Iron Foundry. (See Dolbey, H. S., and Smith, assignors.)
- Buists, Lyman O., Toronto, Ontario, Canada. Device for manufacturing liquid containers. 1,929,770; Oct. 10.
- Buivid, Michel D., Stratford, Conn. Advertising device. 1,899,792; Feb. 28.
- Bulaich, John M., Watsonville, Calif. Slicing mechanism. 1,898,338; Feb. 21.
- Bulbrook, Harry M. (See Hogan, F. W., and Bulbrook.)
- Bulger, Michael B., assignor to F. H. Quandt, Beaver Dam, Wis. Auto snow shovel. 1,930,000; Oct. 10.
- Bulgin, William J., assignor to Heenan & Froude Limited, Worcester, England. Refuse destructor. 1,940,293; Dec. 19.
- Bulkeley, Claude A., assignor to Niagara Blower Company, Buffalo, N. Y. Ventilating apparatus. 1,909,164; May 16.
- Bulkeley, Claude A., assignor to Niagara Blower Company, Buffalo, N. Y. Air conditioning system. 1,919,197; July 25.
- Bull, Arthur A., assignor to Handy Governor Corporation, Detroit, Mich. Governor control. 1,924,228; Aug. 29.
- Bull, Arthur A., assignor to Handy Governor Corporation, Detroit, Mich. Governor. 1,927,973; Sept. 26.
- Bull, Arthur A., and W. A. Wood, assignors to Handy Governor Corporation, Detroit, Mich. Windshield wiper. 1,921,070; Aug. 8.
- Bull, Charles S., Colton, Calif. Gauge for low temperature fluids. 1,902,276; Mar. 21.
- Bull, Eugene, Los Angeles, Calif. Strapping device. 1,910,745; May 23.
- Bull, Harry, and L. Johnson, assignors of one-third to John H. Aitchison, Sheffield, England. Electrode or rod for welding. 1,912,968; June 6.
- Bull, Johan A., Horten, Norway. Torpedo for launching from a flying machine. 1,923,612; Aug. 22.
- Bull, Werner H. (See Scheel, J. E., Bull, and von Frey-dorf.)
- Bull, William R. (See Simpson, C. E., and Bull.)
- Bullard Company, The. (See Appelberg, G. R., and Bullard, assignors.)
- Bullard Company, The. (See Bullard, Edward C., assignor.)
- Bullard Company, The. (See Conley, Kurt H., assignor.)
- Bullard Company, The. (See Dunn, Thomas E., assignor.)
- Bullard Company, The. (See Dunn, T. E., Lake, and Youd, assignors.)
- Bullard Company, The. (See Fink, C. G., and Wilber, assignors.)
- Bullard, Dudley B. (See Appelberg, G. R., and Bullard.)
- Bullard, Edward C., Southport, Conn., assignor to The Bullard Company. Metal working. 1,899,608; Feb. 28.
- Bullard, Edward W., assignor to Pacific Safety Equipment Company, San Francisco, Calif. Safety headgear. 1,911,348; May 30.
- Bullard, Henry C., Houston, Tex. Vehicle wheel. 1,919,683; July 25.
- Bullard, W. R., et al. (See Malone, Adolph W., assignor.)
- Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
- Bulldog Electric Products Company. (See Frank, H. J. L., Messing, and Harper, assignors.)
- Bull Dog Electric Products Company. (See Messing, Joseph, assignor.)
- Bullen, Victor E., et al. (See Deubel, Joseph, assignor.)
- Bulleri, Giuseppe, San Francisco, Calif. Locking mechanism. 1,915,353; June 27.
- Bullerjahn, Adolph D., Minneapolis, Minn. Drying and cooling apparatus. 1,928,004; Sept. 26.
- Bullimore, William R., London, England. Thermionic valve. 1,922,926; Aug. 15.
- Bullinger, Frederic H., Bronxville, N. Y., assignor to Ward Leonard Electric Company. Resistance device. 1,932,923; Oct. 31.
- Bullington Engine Heads. (See Bullington, Frank A., assignor.)
- Bullington, Frank A., assignor to Bullington Engine Heads, Kansas City, Mo. Multiple ignition cylinder head. 1,897,233; Feb. 14.
- Bullington, Frank A., assignor to Bullington Engine Heads, Kansas City, Mo. Antidetonation combustion chamber. 1,897,234; Feb. 14.
- Bullington, Frank A., assignor to Bullington Engine Heads, Kansas City, Mo. Superpressure overhead valve engine. 1,922,353; Aug. 15.
- Bullis, Fred J., Chicago, Ill., assignor to Auto Specialties Manufacturing Company, San Francisco, Calif. Jack. 1,893,728; Jan. 10.
- Bullis, Vera M., Winchester, N. H. Mop. 1,924,978; Aug. 29.
- Bullock, Arthur R., assignor of one-half to W. J. McNamara and one-half to David J. Brophy, Lakewood, Ohio. Overspeed drive release mechanism. 1,910,320; May 23.
- Bullock, Earl, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Furnace jacket. Des. 90,474; Aug. 15.
- Bullock, Fred J., assignor to Papee Machine Company, Shortsville, N. Y. Feeding mechanism for roughage grinders, ensilage cutters and the like. 1,940,531; Dec. 19.
- Bullough, Maynard, Ogden, Utah. Fish rod ferrule. 1,893,396; Jan. 3.
- Bulows, Richard J., assignor to The Gear Grinding Company Limited, Handsworth, Birmingham, England. Gear wheel grinding machine. 1,899,793; Feb. 28.
- Bulls Eye Road Marker Company. (See Woolums, W. H., and Ambrose, assignors.)
- Bullwinkler, John T., Brooklyn, assignor to The Phosphate Mining Co., New York, N. Y. Mining and treatment of phosphate-rock. 1,901,221; Mar. 14.
- Bullwinkler, John T., Brooklyn, assignor to The Phosphate Mining Co., New York, N. Y. Treatment of phosphate rock. 1,901,222; Mar. 14.
- Bulman, E. O., Manufacturing Company. (See Bulman, Elvah O., assignor.)
- Bulman, Elvah O., assignor to E. O. Bulman Manufacturing Company, Grand Rapids, Mich. Shelving appliance. 1,897,187; Feb. 14.
- Bulova, Arde, assignor to Bulova Watch Company, New York, N. Y. Seal for gems. 1,902,830; Mar. 28.
- Bulova Watch Company. (See Bulova, Arde, assignor.)
- Bülöw, August, Stettin, Germany. Steering gears for motor vehicles. 1,895,751; Jan. 31.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,482; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,483; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,484; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,485; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,486; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,487; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,488; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Coffee pot or similar article. Des. 89,489; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,490; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,491; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,492; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,493; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,494; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,495; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,496; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,497; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,498; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,499; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,500; Mar. 21.
- Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 89,501; Mar. 21.
- Bumann, Joseph E., White Lake, Wis. Playhouse. 1,936,571; Nov. 28.
- Bumpass, Stewart R., Dallas, Tex. Windshield washer and wiper. 1,932,615; Oct. 31.
- Bumpus, Amos F., Prescott, Ariz. Surveying instrument. 1,922,791; Aug. 15.

- Bunbury, Hugh M., Prestwich, J. S. H. Davies, Crump-sall, and W. J. S. Naunton, Prestwich, England, assignors to Imperial Chemical Industries Limited. Treating rubber and the improved age resisting rubber produced thereby. 1,923,911; Aug. 22.
- Bunce, Earl H., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Reducing zinciferous materials. 1,896,221; Feb. 7.
- Bunce, Earl H., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Coking of agglomerates. 1,929,408; Oct. 10.
- Bunce, Earl H., and H. M. Haslam, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 1,895,878; Jan. 31.
- Bunce, Earl H., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 1,914,482; June 20.
- Bunce, Earl H., C. J. Lentz, and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 1,914,483; June 20.
- Bunce, Earl H., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 1,914,484; June 20.
- Bunce, Earl H., and A. O. Ashman, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Metallurgical furnace. 1,922,274; Aug. 15.
- Bunce, Earl H., and C. J. Lentz, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Treatment of metalliferous material. 1,926,032; Sept. 12.
- Bunce, Earl H., and P. M. Ginder, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc furnace. 1,928,245; July 18.
- Bundsen, Adolf E., Palo Alto, assignor to Richard T. Bundsen, San Francisco, Calif. Attachment for rock drill tools. 1,921,341; Aug. 8.
- Bundsen, Richard T. (See Bundsen, Adolf E., assignor.)
- Bundy, Grace E., et al., executors. (See Bundy, Harry W.)
- Bundy, Harry W., assignor, by mesne assignments, to Bundy Tubing Company, Detroit, Mich. Apparatus for and method of making finned tubing. 1,896,350; Feb. 7.
- Bundy, Harry W., assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 1,925,231; Sept. 5.
- Bundy, Harry W., deceased, by G. E. Bundy, Detroit, C. Wright, jr., Grosse Pointe Farms, and Detroit Trust Company, executors, assignors to The Bundy Tubing Company, Detroit, Mich. Tube. 1,930,191; Oct. 10.
- Bundy Incubator Company. (See Stover, Frank E., assignor.)
- Bundy, Ora. (See Pierce, James M., assignor.)
- Bundy Tubing Company. (See Bundy, Harry W., assignor.)
- Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
- Bungay, George W., Plainfield, N. J., assignor, by mesne assignments, to Household Field Corporation, New York, N. Y. Vacuum cup. 1,918,686; July 18.
- Bungay, George W., Plainfield, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Connecting a collapsible cellophane tube to a metallic dispensing terminal. 1,921,024; Aug. 8.
- Bunge, Ralph W. (See Patitz, G. J., and Bunge.)
- Bunger, Howard P. (See Howell, C. H., and Bunger.)
- Bunker, Dinsmore L., Auburn, Maine, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,923,189; Aug. 22.
- Bunker, Frank S., Colpton, assignor to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Drift measuring and recording apparatus. 1,928,644; Oct. 3.
- Bunker, Herbert H., Jersey City, N. J. Floor slab. 1,929,478; Oct. 10.
- Bunker, Royce S., assignor to W. & J. Knox Net and Twine Company, Baltimore, Md. Tennis net. 1,896,835; Feb. 7.
- Bunker, Royce S., assignor to W. & J. Knox Net and Twine Company, Baltimore, Md. Tennis net. 1,899,011; Feb. 28.
- Bunnell, Earl C., Stratford, Conn. Pouch. 1,898,171; Feb. 21.
- Bunnell, Earl C., Stratford, and L. W. Barnes, Trumbull, Conn., assignors to Q-Tips, Inc., New York, N. Y. Apparatus for manufacturing medical swabs. 1,921,604; Aug. 8.
- Bunsen Oil Burner Corporation, The. (See Barhoff, Fred W. and F. W., jr., assignors.)
- Bunting Brass & Bronze Company, The. (See Yager, George F., assignor.)
- Bunting Brass & Bronze Company, The. (See Yager, G. F., and Heath, assignors.)
- Bunting, J. R., Company. (See Goldberg, Edward S., assignor.)
- Bunting, Norman E., Ottawa, Kans. Combine harvester construction. 1,926,709; Sept. 12.
- Buntschu, Edouard G. (See Buntschu, Edouard G. and I. C.)
- Buntschu, Edouard G. and I. C., Paris, France. Adjustable stand. 1,913,790; June 13.
- Bunze, Karl L. (See Smith, E. E., and Bunze.)
- Buono, Julius and M., Brooklyn, N. Y. Sewing machine. 1,926,644; Sept. 12.
- Buono, Julius and M., Brooklyn, N. Y. Stitched fabric article. 1,926,761; Sept. 12.
- Buono, Mario. (See Buono, J. and M.)
- Buquor, John A., Sarasota, Fla. Filter. 1,909,655; May 16.
- Buquor, John A., Sarasota, Fla. Water washer. 1,909,656; May 16.
- Bur, Philip W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Flexible apron loop drier. 1,931,430; Oct. 17.
- Burak, Mendel, Berlin-Weissenensee, Germany. Producing solvents and emulsifying agents. 1,938,804; Dec. 12.
- Burbank, Davis E., administrator. (See Burbank, Louis S.)
- Burbank, Elizabeth W., executrix. (See Burbank, Luther.)
- Burbank, Louis S., deceased, by D. E. Burbank, administrator, Worcester, Mass., assignor, by mesne assignments, to The Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Manufacture of bolts, screws, and the like. 1,921,654; Aug. 8.
- Burbank, Louis S., deceased, by D. E. Burbank, administrator, Worcester, Mass., assignor, by mesne assignments, to Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Machine for finishing the heads of bolts, screws, and the like. 1,921,655; Aug. 8.
- Burbank, Louis S., by D. E. Burbank, administrator, Worcester, Mass., assignor, by mesne assignments, to The Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Cut-off and transfer mechanism. 1,929,865; Oct. 10.
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. Pl. Pt. 65; May 16.
- Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. Pl. Pt. 66; May 16.
- Burch, Clarence P., Louisville, Ky. Plow. 1,892,978; Jan. 3.
- Burch Corporation, The. (See Ross, Lester T., assignor.)
- Burch, Elwood S., assignor to Round Oak Furnace Company, Dowagiac, Mich. Furnace. Des. 89,872; May 16.
- Burch, Elwood S., assignor to Round Oak Furnace Company, Dowagiac, Mich. Gas heater. 1,932,242; Oct. 24.
- Burch, Fred, Milford, assignor to Van Dresser Specialty Corporation, Detroit, Mich. Cushion construction. 1,907,732; May 9.
- Burch, Fred, Milford, Mich. Cushion construction. 1,924,022; Aug. 22.
- Burch, Leslie F., Los Angeles, Calif. Hairpin. 1,893,514; Jan. 10.
- Burchett, George W. (See Riesz, R. R., and Burchett.)
- Burchett, George W., Peekskill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial larynx. 1,901,433; Mar. 14.
- Burck, Carl F., Buffalo, N. Y. Transfer safety device. 1,899,849; Feb. 28.
- Burcke, William, Robertson, Mo., assignor of one-half to John A. Nugen, Auburn, Ind. Lawn mower. 1,935,013; Nov. 14.
- Burckhardt, August H., Russell, Minn. Revolving fish lure. 1,920,676; Aug. 1.
- Burd, Gorman C., Adrian, Mich., assignor to American Cable Company, Inc. Tubular casing. 1,896,285; Feb. 7.
- Burd, Gorman C., and O. Bratz, Adrian, Mich., assignors to American Cable Company, Inc. Spring coiling device. 1,908,884; May 16.
- Burd High Compression Ring Company. (See Bates, Albert H., assignor.)
- Burd High Compression Ring Company. (See Haegg, Rudolph A., assignor.)
- Burda, John L. (See Palmer, R. C., Burda, and Oliver.)
- Burden, Oscar R., Wichita Falls, Tex., assignor to The Texas Company, New York, N. Y. Testing apparatus. 1,921,986; Aug. 8.
- Burdett, Clarence F., Ford City, and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for cutting glass sheets. 1,930,582; Oct. 17.
- Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Rotary hopper for filling replenishing looms. 1,897,417; Feb. 14.
- Burdick, Charles L., London, England. Hydrometric apparatus. 1,932,012; Oct. 24.
- Burdick Corporation, The. (See Anderson, Carl H., assignor.)
- Burdick Corporation, The. (See Anderson, Fritz A., assignor.)
- Burdick Corporation, The. (See Crosley, George E., assignor.)
- Burdick Corporation, The. (See Torrissi, Samuel S., assignor.)
- Burdick, Earl S., Milwaukee, and C. R. Thomson, assignors to Klosterman Inc., Portland, Ore. Water drive for washing machines. 1,935,014; Nov. 14.
- Burdick, Earl S., Milwaukee, and C. R. Thomson, Portland, assignors to Klosterman Inc., Portland, Ore. Electric washing machine. 1,937,684; Dec. 5.
- Burdick, Earl S., Milwaukee, and C. R. Thomson, Portland, assignors to Klosterman Inc., Portland, Ore. Door-check. 1,937,685; Dec. 5.
- Burdick, Frank, assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,941,245; Dec. 26.
- Burdick, Ralph V., Albany, N. Y. Making metal boxes. 1,904,778; Apr. 18.
- Burdick, Wayne E. (See Leohr, L. K., and Burdick.)
- Burdick, William F., Omaha, Nebr. Plowing tool for paint removal. 1,927,202; Sept. 19.

- Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,908,624; May 9.
- Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,911,427; May 30.
- Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,911,428; May 30.
- Burford, James C., Winston-Salem, N. C. Lubricator. 1,893,536; Jan. 10.
- Burford, James C., assignor of one-fourth to T. H. Davis and one-fourth to A. P. Hunley, Winston-Salem, N. C. Automatic feed water control. 1,915,013; June 20.
- Burford, Justus F. M., Bronxville, N. Y. Type of pottery to grow plants indoors or outdoors. 1,928,810; Oct. 3.
- Burge, Clara A., Castlewood, S. Dak. Kitchen utensil. 1,936,961; Nov. 28.
- Burge, Zachariah B., Roanoke, Va. Combined fence and gate. Des. 89,254; Feb. 14.
- Burgener, John A., Hinsdale, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,919,317; July 25.
- Burgener, John A., Hinsdale, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,922,879; Aug. 15.
- Burger, Clarence W., Cherrydale, Va. Educational appliance. 1,920,291; Aug. 1.
- Burger, Edwin. (See Pfau, Walter, assignor.)
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Dual wheel. 1,901,629; Mar. 14.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel for motor vehicles. 1,923,811; Aug. 22.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Spider for metal wheels. 1,935,765; Nov. 21.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Metal wheel. 1,939,952; Dec. 19.
- Burger, George M., Detroit, Mich. Horseshoe. 1,910,746; May 23.
- Burger, John D., Rye, N. Y. Tobacco pipe. Des. 90,232; July 4.
- Burger, Martin, Morris, Ill. Egg carton. 1,915,151; June 20.
- Burger, Martin, Morris, Ill. Collapsible egg carton. 1,936,186; Nov. 21.
- Burger, Michael. (See Deckel, H., and Burger.)
- Burgess, Albert F., H. L. Blaisdell, and W. H. Campbell, Melrose Highlands, Mass. Demountable power take-off. 1,896,067; Feb. 7.
- Burgess, Alvin E. (See Ploeger, C. E., Burgess, and Kuenzli.)
- Burgess Battery Company. (See Helfrecht, Aaron J., as assignor.)
- Burgess Battery Company. (See Hoffman, William H., assignor.)
- Burgess Battery Company. (See Hoffman, W. H., and Mix.)
- Burgess Battery Company. (See Schulte, Walter B., assignor.)
- Burgess Battery Company. (See Schulte, W. B., and Zook, assignors.)
- Burgess Battery Company. (See Stone, George, assignor.)
- Burgess Battery Co. (See Storey, Oliver W., assignor.)
- Burgess Battery Co. (See Zimmerman, James G., assignor.)
- Burgess Battery Company. (See Zook, John S., assignor.)
- Burgess, Benjamin R., Glendale, Calif. Producing a fumigating agent. 1,918,589; July 18.
- Burgess, C. F., Laboratories, Inc. (See Hartsock, Guy M., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Jack, William A., 3d., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Kliefoth, Max H., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Schorger, Arlie W., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Shoemaker, Milton J., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Slidell, Kemper, assignor.)
- Burgess, C. F., Laboratories, Inc. (See Storey, O. W., and Silver, assignors.)
- Burgess, C. F., Laboratories, Inc. (See Sullivan, Jerome J., assignor.)
- Burgess, C. F., Laboratories, Inc. (See Viljoen, Jan A., assignor.)
- Burgess, Charles P., Bethesda, Md. Aircraft. 1,925,133; Sept. 5.
- Burgess, Clyde, Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Handling metallic sheets. 1,895,310; Jan. 24.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Paving block and paving. 1,912,429; June 6.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Metallic floor grid. 1,914,107; June 13.
- Burgess, Edward W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pipe storage apparatus. 1,940,242; Dec. 19.
- Burgess, Frank W., Cook, Nebr. Tractor wheel lug cleaner. 1,895,147; Jan. 24.
- Burgess, Lothian M. (See Stoddard, W. B., Geiger, and Burgess.)
- Burgess, Louis, New York, N. Y. Concentrating beryllium oxide occurring in materials containing beryllium silicate or silicates. 1,905,340; Apr. 25.
- Burgess, Louis, New York, N. Y. Arc furnace for reducing oxides with carbon under pressure. 1,923,076; Aug. 22.
- Burgess, Louis, New York, N. Y. Manufacture of beryllium and beryllium alloys. 1,924,151; Aug. 29.
- Burgess, Louis, New York, N. Y. Making beryllium and light alloys thereof. 1,937,509; Dec. 5.
- Burgess, Walter K., Urbana, Ill. Vehicle wheel. 1,906,737; May 2.
- Burgess, Walter S., and E. K. Golley, Benton Harbor, Mich. Destroying insects with pyrethrum. 1,926,579; Sept. 12.
- Burggraf, George P. (See Clements, W. B., and Burggraf.)
- Burgin, William J., Long Beach, Calif. Antileak construction for walls. 1,909,657; May 16.
- Burgman, Carl I., St. Louis, Mo. Automobile body and top. 1,940,444; Dec. 19.
- Burgman, Glen H., assignor to G. J. Liebiech Company, Chicago, Ill. Diaphragm and composition of matter for forming the same. 1,911,802; May 30.
- Burgman, Glen H., assignor to G. J. Liebiech Co., Chicago, Ill. Wrinkle finish varnish. 1,934,034; Nov. 7.
- Burgoynne, George W., Green Bay, Wis. Power operated hoist. 1,897,383; Feb. 14.
- Burgstahler, Carl, Chicago, Ill. Shoe. Des. 90,190; June 27.
- Burgstaller, Franz B., Boston, Mass. Folio. 1,906,311; May 2.
- Burhans, William G., Kingston, N. Y. Lubricating oil clarifier. 1,910,747; May 23.
- Burhenne, Henri, assignor to Davis & Furber Machine Company, North Andover, Mass. Tape condenser. 1,893,050; Jan. 3.
- Burk, George W., Chicago, Ill. Machine for and processing laminated glass. 1,910,748; May 23.
- Burk High Compression Ring Company. (See Bates, Albert H., assignor.)
- Burk, Michael F., Swampscott, assignor to T. T. Greenwood, Boston, Mass. Building construction. 1,904,404; Apr. 18.
- Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Improving cracked petroleum distillates. 1,906,044; Apr. 25.
- Burk, Robert E., assignor to Standard Oil Company, Cleveland, Ohio. Treating cracked distillates. 1,919,825; July 25.
- Burk, Robert E., Cleveland, and E. B. McConnell, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for altering the boiling points of hydrocarbons. 1,917,357; July 11.
- Burk, William H., Valley Forge, Pa. Pew end or the like. Des. 89,873; May 16.
- Burke, Alfred, assignor to The Parchlite Corporation, New York, N. Y. Lamp shade. 1,894,302; Jan. 17.
- Burke, Arthur R., assignor of one-half to O. Longo, Rochester, Minn. Toy clock. 1,893,882; Jan. 10.
- Burke, Charles F., Monterey Park, Calif. Mattress. 1,914,661; June 20.
- Burke, David F., Manchester-by-the-Sea, Mass. Sound transmitting device. 1,928,309; Sept. 26.
- Burke, Edmund, Portland, Me., assignor to Brown Company, Berlin, N. H. Fuse cut-out. 1,901,894; Mar. 21.
- Burke, Edmund, Portland, Me., assignor to Brown Company, Berlin, N. H. Conduit for subway cables. 1,905,794; Apr. 25.
- Burke Electric Company. (See Burke, James, assignor.)
- Burke, Francis X., New York, N. Y. Refrigerating device. 1,939,334; Dec. 12.
- Burke, George W., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for decomposing ammonia. 1,915,120; June 20.
- Burke, Gladys D., Chicago, Ill. Coiffure shield. 1,934,404; Nov. 7.
- Burke, Hubert H., Chicago, Ill., assignor to The Package Box Company. Box construction. 1,922,354; Aug. 15.
- Burke, James, Erie, Pa., assignor to Burke Electric Company. Air circulating device. 1,906,533; May 2.
- Burke, James P., Newark, N. J., assignor of twenty per cent to J. MacIntosh, Norristown, Pa., twenty per cent to K. W. Macksey, and ten per cent to S. I. Howell, Montclair, N. J. Internal combustion engine. 1,902,831; Mar. 28.
- Burke, James P., Wayne, N. J., assignor to Kept-Kapt, Inc., Knoxville, Tenn. Collapsible dispenser. 1,905,994; Apr. 25.
- Burke, James P., Wayne, N. J., assignor to Kept-Kapt, Inc., Knoxville, Tenn. Closure. 1,908,113; May 9.
- Burke, James P., Wayne, N. J., assignor to Kept-Kapt, Inc., Knoxville, Tenn. Container and closure therefor. 1,910,378; May 23.
- Burke, James P., assignor to Mack Molding Co., Wayne, N. J. Hollow article. 1,925,030; Aug. 29.

- Burke, James P., Wayne, N. J., assignor to Auto-Mold, Inc., Knoxville, Tenn. Nonrefillable device. 1,938,063; Dec. 5.
- Burke, James P., Wayne, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle closure. 1,938,373; Dec. 5.
- Burke, John J. Quincy, and A. T. Morrison, South Braintree, assignors to S. H. Couch Company, Inc., Quincy, Mass. Telephone. 1,936,245; Nov. 21.
- Burke, Lawrence J., assignor to Poster Products, Inc., Chicago, Ill. Game. 1,922,229; Aug. 15.
- Burke, Leon, et al. (See Selverstone, Agnes S., assignor.)
- Burke, Paul, assignor to Northwest Engineering Corporation, Green Bay, Wis. Dragline bucket. 1,908,686; May 16.
- Burke, Paul, and B. E. Blanchard, assignors to Northwest Engineering Corporation, Green Bay, Wis. Dragline Bucket attachment. 1,908,687; May 16.
- Burke, Ralph H., Evanston, and A. J. Forscher, Chicago, Ill. Taking soil tests. 1,919,461; July 25.
- Burke, Richard W., Coplay, Pa. Kiln lining. 1,920,677; Aug. 1.
- Burke, Robert F., Phoenixville, Pa. Self contained training and exercising oar. 1,916,714; July 4.
- Burke, Stephen P., Morgantown, W. Va., assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace. 1,899,926; Mar. 7.
- Burke, Stephen P., Elizabeth, N. J., assignor to Surface Combustion Corporation, Toledo, Ohio. Firing reheating furnaces. 1,900,223; Mar. 7.
- Burke, Stephen P., New York, N. Y., assignor to General Atlas Chemical Company, Dover, Del. Carbon black process and apparatus. 1,902,797; Mar. 21.
- Burke, Stephen P., Plainfield, N. J., and M. R. Bhagwat, Brooklyn, assignors to Combustion Utilities Corporation, New York, N. Y. Making synthetic resins. 1,911,745; May 30.
- Burke, Stephen P., Plainfield, and C. F. Fryling, Metuchen, N. J., assignors to Doherty Research Company, New York, N. Y. Selective oxidation of hydrocarbons. 1,911,746; May 30.
- Burke, William E., Trona, Calif., assignor to American Potash and Chemical Corporation, New York, N. Y. Crystallization apparatus. 1,906,534; May 2.
- Burket, Elias G., Altoona, Pa. Billboard construction. 1,901,282; Mar. 14.
- Burket, Russell C., Pottsville, Pa. Crack filler. 1,924,636; Aug. 29.
- Burkett, Frank, and E. Taylor, Astoria, N. Y. Beer pipe cleaning apparatus. 1,931,527; Oct. 24.
- Burkett, Laura. (See Burkett, Lewis, assignor.)
- Burkett, Lewis E., Elgin, Ill., assignor to Laura Burkett. Dishwashing nozzle. 1,910,235; May 23.
- Burkey, John L., Hazelton, Kans. Animal yoke. 1,933,786; Nov. 7.
- Burkhardt, Myron J. (See Marshall, E. C., and Burkhardt.)
- Burkhardt, Emil, Stuttgart, assignor to the Firm: Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Pile. 1,931,249; Oct. 17.
- Burkhardt, George R. (See Breed, C. W., and Burkhardt.)
- Burkhardt, Jacob R. (See Powell, J. W., and Burkhardt.)
- Burkhardt, Otto, Flint, assignor to General Motors Corporation, Detroit, Mich. Zero lash valve lifter. 1,916,191; July 4.
- Burkholder, John D., assignor to Automatic Devices, Inc., Harrisonburg, Va. Automatic tire gauge. 1,904,823; Apr. 18.
- Burkholder, John D., Harrisonburg, Va., assignor to Therm-A-Mode, Inc., Orange, N. J. Therapeutic appliance. 1,921,343; Aug. 8.
- Burkholder, John H., Ashland, Ohio, assignor, by mesne assignments, to Elite Manufacturing Company. Vehicle jack. 1,906,365; May 2.
- Burkle, Philip J., assignor to C. G. Conn, Ltd., Elkhart, Ind. Wind musical instrument. 1,905,141; Apr. 25.
- Burkle, Robert, North Bergen, N. J. Instantaneous room heater. 1,911,747; May 30.
- Burkle, Robert, North Bergen, N. J., assignor of one-half to R. Merrifield, New York, N. Y. Thermostat. 1,924,540; Aug. 29.
- Burkle, Robert, North Bergen, N. J., assignor of one-half to Richard Merrifield, New York, N. Y. Valve operator for automatic dishwashing and drying machine. 1,939,802; Dec. 19.
- Burkle, Robert R., Woodcliff, N. J., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,893,223; Jan. 3.
- Burlet, Berthe. (See Mallevat, F. Veuve.)
- Burley, Emmett, Zanesville, Ohio. Bird bath. 1,895,702; Jan. 31.
- Burmah Oil Company Limited, The. (See Allan, Hugh L., assignor.)
- Burman, Frank V., St. Paul, Minn. Impeller for blowers. 1,892,930; Jan. 3.
- Burmeister, Charles H. (See Hutchinson, Ralph E., assignor.)
- Burmeister, Hans, Berlin, Germany, assignor to Pyrene-Minninax Corporation. Apparatus for the production of foam generating liquids or fire foam. 1,907,733; May 9.
- Burmeister, Joachim H. G., Hamburg, Germany. Joint for pipes and the like. 1,940,074; Dec. 19.
- Burmist, John G., assignor to V. I. Zolov, Philadelphia, Pa. Well drilling apparatus. 1,938,690; Dec. 12.
- Burnell, William E., Penn Yan, N. Y. Sliding back for cameras. 1,933,839; Nov. 7.
- Burnelli Aircraft, Ltd. (See Burnelli, Vincent J., assignor.)
- Burnelli, Vincent J., New York, N. Y., assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Dover, Del. Airplane. Re18,990; Nov. 7.
- Burnelli, Vincent J., New York, N. Y., assignor to Burnelli Aircraft, Ltd., Dover, Del. Transport airplane. Des. 90,613; Sept. 5.
- Burnelli, Vincent J., New York, N. Y., assignor to Burnelli Aircraft, Ltd., Dover, Del. Airplane. Des. 90,614; Sept. 5.
- Burnelli, Vincent J., New York, N. Y., assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Dover, Del. Amphibian aircraft. 1,916,413; July 4.
- Burnelli, Vincent J., New York, N. Y., assignor to the Upper-Burnelli Corporation. Aircraft. 1,917,428; July 11.
- Burnelli, Vincent J., New York, N. Y., assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Dover, Del. Aircraft. 1,918,687; July 18.
- Burnelli, Vincent J., New York, N. Y., assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Dover, Del. Aircraft. 1,918,688; July 18.
- Burnelli, Vincent J., New York, N. Y., assignor, by mesne assignments, to Burnelli Aircraft, Ltd., Dover, Del. Amphibian aircraft. 1,930,922; Oct. 17.
- Burner, James A., assignor to Air Systems Incorporated, Minneapolis, Minn. Process and apparatus for producing dehydrated products. 1,905,263; Apr. 25.
- Burner, William L., Columbus, Ohio, assignor to Western Wheeled Scrap Company, Aurora, Ill. Dump car. 1,935,974; Nov. 21.
- Burnes, Frederick W. (See Whitehead, R. H., Miner, and Burnes.)
- Burnes, Henry A., assignor of forty-eight one-hundredths to J. F. Murphy, Boston, Mass. Fish filleting machine. 1,908,283; May 9.
- Burnet, Joseph H., Newark, N. J. Container for golf balls and tees. 1,919,198; July 25.
- Burnett, Charles S., Presidio, San Francisco, Calif. Pop-pet valve control. 1,894,663; Jan. 17.
- Burnett, Clarence H., Crothersville, Ind. Cigar and cigarette holder. 1,893,269; Jan. 3.
- Burnett, Richard W., Chicago, Ill. Slack adjuster for railway car brakes. 1,898,028; Feb. 21.
- Burnett, Richard W., Chicago, Ill. Mounting railway car hand brakes. 1,902,812; Mar. 28.
- Burnett, Richard W., Chicago, Ill. Side hand brake for railway cars. 1,905,213; Apr. 25.
- Burnett, Richard W., Chicago, Ill. Railway car hand brake. 1,911,056; May 23.
- Burnett, Richard W., Chicago, Ill. Winding drum for railway car hand brakes. 1,911,057; May 23.
- Burnett, Richard W., Chicago, Ill. Holding and releasing mechanism for hand brakes. 1,939,953; Dec. 19.
- Burnett, Ullin A. (See Powell, Floyd J., assignor.)
- Burney, Charles D., Westminster, England. Motor road vehicle. 1,903,693; Apr. 11.
- Burney, Charles D., Westminster, England. Motor road vehicle. 1,903,694; Apr. 11.
- Burnham, Alfred H., Jr., Columbus, Ohio, assignor to Locke Insulator Corporation, Baltimore, Md. Galvanizing apparatus and method. 1,907,383; May 2.
- Burnham Chemical Company. (See Burnham, George B., assignor.)
- Burnham Chemical Company. (See Robson, Homer L., assignor.)
- Burnham Chemical Company. (See Woodward, Henry T., assignor.)
- Burnham, Edwin C., jr., Yonkers, N. Y. Time table. 1,918,631; July 18.
- Burnham, Elmer C., Scotia, and R. N. Slinger, Schenectady, N. Y., assignors to General Electric Company. Protective system. 1,911,055; May 23.
- Burnham, George A., Saugus, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Circuit interrupter. 1,901,363; Mar. 14.
- Burnham, George A., Saugus, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Electric switch. 1,912,176; May 30.
- Burnham, George A., Saugus, Mass., assignor to Condit Electrical Manufacturing Corporation. Electric switch and closing and opening means therefor. 1,913,378; July 18.
- Burnham, George B., Reno, Nev. Apparatus for obtaining sodium chloride. 1,892,760; Jan. 8.
- Burnham, George B., Berkeley, assignor to Burnham Chemical Company, Westend, Calif. Obtaining a double salt from a single salt. 1,899,310; Feb. 28.
- Burnham, Joseph L., Schenectady, N. Y., assignor to General Electric Company. Double brush holder. 1,936,422; Nov. 21.
- Burnham, Laurence H. (See Glidden, A. A., Knowland, and Burnham.)
- Burnham, Walter E. (See Rawdon, H., and Burnham.)
- Burhans, Thomas D. (See Simpson, H. A., and Burhans.)
- Burnheimer, Charles W. (See Recen, Henry A., assignor.)
- Burnish, Howard J. (See Eaton, G. M., and Burnish.)
- Burnish, Howard J., Sewickley, assignor to Spang, Chalfont & Co., Inc., Pittsburgh, Pa. Tube handling apparatus. 1,926,261; Sept. 12.

- Burnish, Howard J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrically butt welding sheet metal pipe. 1,930,263; Oct. 10.
- Burns, Archibald, M. (See Friendly, H. M., and Burns.)
- Burns, Arthur R. (See O'Neill, F., jr., and Burns.)
- Burns, Bruce, Los Angeles, Calif., assignor to Hughes Development Company, Ltd. Prime-mover differential. 1,909,041; May 16.
- Burns, Bruce, Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Wheel suspension means. 1,932,445; Oct. 31.
- Burns, Bruce, and H. B. Lewis, Los Angeles, and R. M. Otis, Alhambra, Calif. Burner plate. 1,896,286; Feb. 7.
- Burns, Bruce, and H. B. Lewis, Los Angeles, Calif., assignors to Hughes Tool Company, Houston, Tex. Boiler water control. 1,905,142; Apr. 25.
- Burns, Bruce, and C. E. Fitch, assignors, by mesne assignments, to Hughes Industries Co., Ltd., Los Angeles, Calif. Film coloring machine. 1,927,886; Sept. 26.
- Burns, Edward J., Fall River, assignor to S. B. Condit, Boston, Mass. Fuse plug or the like. 1,895,914; Jan. 31.
- Burns, Erwin. (See Baash, L. F., Burns, and Garrard.)
- Burns, Erwin. (See Wickersham, H. P., and Burns.)
- Burns, Frank J., Youngstown, Ohio. Manipulating mechanism. 1,928,811; Oct. 3.
- Burns, Frank J., Youngstown, Ohio. Plug bar for seamless tube mills. 1,931,571; Oct. 24.
- Burns, Frank W., East Braintree, Mass. Cigarette extinguisher. 1,908,890; May 16.
- Burns, Fred J., Saginaw, Mich., assignor to Columbia Mills, Inc., New York, N. Y. Intermediate support for Venetian blind tilt rails. 1,894,216; Jan. 10.
- Burns, Fred J., assignor to The Columbia Mills, Incorporated, Saginaw, Mich. Anchor bracket. 1,894,730; Jan. 17.
- Burns, Fred J., assignor to The Columbia Mills, Inc., Saginaw, Mich. Blind tilting mechanism. 1,899,180; Feb. 28.
- Burns, Fred J., assignor to Columbia Mills, Incorporated, Saginaw, Mich. Venetian blind. 1,905,979; Apr. 25.
- Burns, Fred J., assignor to The Columbia Mills, Saginaw, Mich. Shade roller. 1,905,980; Apr. 25.
- Burns, Fred J., assignor to The Columbia Mills, Incorporated, Saginaw, Mich. Skylight blind. 1,934,696; Nov. 14.
- Burns, George W., Covelo, Calif. Dispensing device. 1,894,977; Jan. 24.
- Burns, Harley E., Chicago, Ill. Production of screw threaded nuts and the like. 1,910,086; May 23.
- Burns, Howard, Pittsburgh, Pa., assignor to Fort Pitt Bedding Company. Rolling mill. 1,913,361; June 13.
- Burns, James, Elsas, Ontario, Canada. Tobacco pipe case. 1,934,115; Nov. 7.
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company. Priming mixture. 1,895,752; Jan. 31.
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,900,157; Mar. 7.
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,905,795; Apr. 25.
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,905,796; Apr. 25.
- Burns, James E., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Priming mixture. 1,928,780; Oct. 3.
- Burns, John J., Toronto, Ohio. Molding machine. 1,935,076; Nov. 14.
- Burns, Joseph F., Los Angeles, Calif. Device for computing spherical triangles. 1,895,606; Jan. 31.
- Burns, Milfred, deceased, by Sarah L. Burns, administratrix, assignor of one-half to Peter Tettelbach, Rochester, N. Y. Photographic camera. 1,931,890; Oct. 24.
- Burns, Milton P. (See Kelly, W. J., and Burns.)
- Burns, Peter E., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Convenience outlet for canopies. 1,905,341; Apr. 25.
- Burns, Ralph, Brooklyn, N. Y. Foot brake attachment. 1,906,366; May 2.
- Burns, Robert, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulating material. 1,911,803; May 30.
- Burns, Robert R. (See Trotter, Arthur H., assignor.)
- Burns, Robert M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treating wood and preventing corrosion of cables. 1,896,478; Feb. 7.
- Burns, Robert M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making concrete. 1,903,976; Apr. 18.
- Burns, Robert M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrodeposition of alloys. 1,920,964; Aug. 8.
- Burns, Sarah L., administratrix. (See Burns, Milfred B.)
- Burns, Walter W. (See Eaton, William S., assignor.)
- Burns, Wilfred E., Burlingame, Calif. Ear spinning tool. 1,907,038; May 2.
- Burns, Wilfred E., Burlingame, Calif., assignor to M. J. B. Company. Forming tearing strips in can bodies. 1,929,771; Oct. 10.
- Burns, William A., Grand Rapids, Mich. Vehicle body. 1,917,824; July 11.
- Burnside, George B., Broomhill, Glasgow, Scotland. Apparatus for preventing condensation on the inside surface of a show case window. 1,922,927; Aug. 15.
- Burnstad Grading Machine Company Limited. (See Burnstad, Sigurd H., assignor.)
- Burnstad, Sigurd H., Obaton, assignor to Burnstad Grading Machine Company Limited, Edmonton, Alberta, Canada. Road grading and ditching machine. 1,897,235; Feb. 14.
- Burpee Can Sealer Company. (See Burpee, Frank W., assignor.)
- Burpee, Frank W., Wilmette, assignor to Burpee Can Sealer Company, Chicago, Ill. Cover clamp for pressure cooking vessels. 1,901,699; Mar. 14.
- Burr, Augustus, Oaklynn, N. J. Pipe holder. 1,904,779; Apr. 18.
- Burr, Earl A. See Owens, M. H., and Burr.)
- Burr, Gordon A., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. High-voltage bushing device. 1,902,617; Mar. 21.
- Burr, Karl. (See Schweitzer, H., and Burr.)
- Burr, Karl. (See Schweitzer, H., Hentrich, and Burr, assignors.)
- Burr, Lauren R., Joliet, Ill. Rotary rake. 1,939,385; Dec. 12.
- Burr, William H., San Francisco, Calif. Electric finger nail file and buffer. 1,892,867; Jan. 3.
- Burr, William J., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Material for bearings, knife edges, and the like. 1,914,990; June 20.
- Burrell, Benjamin S., East Chicago, Ind. Screener equipped pipe line. 1,903,774; Apr. 18.
- Burrell, Charles D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Storage rack. 1,921,656; Aug. 8.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Hydraulic operating system for machine tools. 1,909,165; May 16.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Hydraulic operating system for machine tools. 1,909,166; May 16.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Hydraulically operated machine tool. 1,914,400; June 20.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Control for hydraulic operating systems. 1,936,446; Nov. 21.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Control for hydraulic operating systems. 1,936,447; Nov. 21.
- Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Hydraulic operating system for machine tools. 1,939,102; Dec. 12.
- Burrell, Edward P., and G. W. Drake, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Control for machine tools. 1,908,885; May 16.
- Burrell, George R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Method of and apparatus for treating rubber. 1,930,736; Oct. 17.
- Burrell, Harold P., Nutley, N. J., assignor to MacArthur Concrete Pile Corporation, New York, N. Y. Composite pile. 1,893,515; Jan. 10.
- Burrell, Logan, and H. West, Los Angeles, assignors to Shell Oil Company, San Francisco, Calif. Method of and apparatus for determining deviation in drilling wells. 1,926,327; Sept. 12.
- Burrell, Matthew M. L., Milheim, Pa. Egg beater. 1,918,738; July 18.
- Burrell, William C., Kankakee, assignor of one-half to Robert R. Robertson, Chicago Heights, Ill. Dowel bar device. 1,894,395; Jan. 17.
- Burri, Samuel L., New York, N. Y. Device for forming cigarettes. 1,920,955; Aug. 8.
- Burrill, Lennard C., H. Bocler, and N. M. Hunter, assignors to The Optimum Davit Company Limited, Wallsend-upon-Tyne, England. Crane structure. 1,893,157; Jan. 3.
- Burrington, Thelro E. (See Irish, C. G., and Burrington and Thomas.)
- Burroughs Adding Machine Company. (See Bentzel, Frank D., assignor.)
- Burroughs Adding Machine Company. (See Bindschedler, Theodore S., assignor.)
- Burroughs Adding Machine Company. (See Bower, Raymond G., assignor.)
- Burroughs Adding Machine Company. (See Butler, Thomas M., assignor.)
- Burroughs Adding Machine Company. (See Horton, Allen A., assignor.)
- Burroughs Adding Machine Company. (See Lafferty, Arthur R., assignor.)
- Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
- Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
- Burroughs Adding Machine Company. (See Raczy, Ernest, assignor.)
- Burroughs Adding Machine Company. (See Rowland, Dwight P., assignor.)
- Burroughs Adding Machine Company. (See Summerlee, Joseph A., assignor.)

- Burroughs, Charles R., San Francisco, Calif. Transmission. 1,938,997; Dec. 12.
- Burroughs, Eastman A., assignor to T. D. Huff, Chicago, Ill. Refrigerating apparatus. 1,938,316; Dec. 5.
- Burroughs, Edgar H., Scarsdale, assignor to Ambursen Construction Company, Inc., New York, N. Y. Dam. 1,902,353; Mar. 21.
- Burroughs, Edgar H., Scarsdale, assignor to Ambursen Construction Company, Inc., New York, N. Y. Dam. 1,906,535; May 2.
- Burroughs, Edgar H., Scarsdale, assignor to Ambursen Construction Company, Inc., New York, N. Y. Dam. 1,906,536; May 2.
- Burroughs, Edgar H., Scarsdale, and C. V. Davis, Mount Vernon, assignors to Ambursen Construction Company, Inc., New York, N. Y. Dam. 1,933,092; Oct. 31.
- Burroughs, Joseph H., New Rochelle, N. Y. Bridle strap or tape. 1,940,532; Dec. 19.
- Burroughs, Karl, Watertown, Mass. Separating substances from solutions thereof. 1,916,825; July 4.
- Burrow, Lawrence B., et al. (See Bracken, William A., assignor.)
- Burrows, Ernest E., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Height measuring attachment. 1,892,720; Jan. 3.
- Burrows, H. Halvor. (See Hillis, David R., assignor.)
- Burrows, Mabel, executrix. (See Burrows, Robert W.)
- Burrows, Robert J., Buchanan, assignor to Clark Tractor Company, Battle Creek, Mich. Automobile lift truck. 1,936,708; Nov. 28.
- Burrows, Robert W., deceased; Mabel Burrows, executrix, assignor to W. K. Jaquith, Petaluma, Calif. Packing pad. 1,918,246; July 18.
- Bursell, Everett J., Spokane, Wash. Toy doll house. 1,935,542; Nov. 14.
- Burson, Harrison S., Rocky River, Ohio. Key container. 1,911,261; May 30.
- Burstyn, Walther, and W. Tausig, Berlin, Germany, assignors to Radio Patents Corporation, New York, N. Y. Direct coupled amplifier. 1,923,254; Aug. 22.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Valve assembly for floating and cementing devices. 1,906,312; May 2.
- Burt, F. N., Company. (See Carle, Harold, assignor.)
- Burt, F. N., Company, Ltd. (See Breux, Alexander H., assignor.)
- Burt, Harold A., St. Albans, N. Y., assignor to Mergenthaler Linotype Company. Knife wiper. 1,902,424; Mar. 21.
- Burt, Harold A., Saint Albans, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 1,928,716; Oct. 3.
- Burt, Henry J., jr., Wheaton, assignor to The Wallall Company, Chicago, Ill. Apparatus for handling comminuted material. 1,898,759; Feb. 21.
- Burt, Robert C., Pasadena, Calif. Nonvibratory support of record table. 1,917,633; July 11.
- Burt, Robert C., Pasadena, Calif. Sound producer for talking motion pictures. 1,938,805; Dec. 12.
- Burt, Robert C., Pasadena, Calif. Sound recording and reproducing system. 1,940,937; Dec. 26.
- Burnett, Everett R., San Marino, Calif. Transmission mechanism. 1,901,283; Mar. 14.
- Burnett, Everett R., Pasadena, Calif. Transmission mechanism. 1,902,618; Mar. 21.
- Burnett, Robert, assignor to Pipe & Joint Improvement Co., Inc., Mount Vernon, N. Y. Joint for concrete and similar pipe. 1,940,579; Dec. 19.
- Burton, Albert E. (See Leech, W. J. B., Hay, Hollings, and Burton.)
- Burton, Albert M. (See Whalley, W. H., and Burton.)
- Burton, Charles S. (See Edwards, W. A., and Burton.)
- Burton, Charles S. (See Juergensen, Ernest F., assignor.)
- Burton-Dixie Corporation. (See Pearce, Charles F., jr., assignor.)
- Burton-Dixie Corporation. (See Perlesz, Hugo, assignor.)
- Burton-Dixie Corporation. (See Riemer, F., and Dobie, assignors.)
- Burton-Dixie Corporation. (See Vinar, Washington, assignor.)
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 1,904,618; Apr. 18.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power amplifier. 1,917,015; July 4.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit for reducing interference. 1,917,016; July 4.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changer system. 1,917,921; July 11.
- Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable signaling system. 1,921,022; Aug. 8.
- Burton, Everett T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave transmission system. 1,936,153; Nov. 21.
- Burton, Franz S., Kansas City, Mo. Truss. 1,918,590; July 18.
- Burton, Harry H., Webster, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for weft replenishing looms. 1,895,781; Jan. 31.
- Burton, Henry, Gardena, Calif. Selective system. 1,901,867; Mar. 21.
- Burton, Henry E., assignor to M. P. Moller, Inc., Hagerstown, Md. Organ valve. 1,898,240; Feb. 21.
- Burton, Henry E., assignor, by mesne assignments, to The W. H. Reisner Manufacturing Company, Hagerstown, Md. Electromagnetic organ valve. 1,907,176; May 2.
- Burton, Henry E., assignor to M. P. Moller, Inc., Hagerstown, Md. Organ valve. 1,912,253; May 30.
- Burton, Kells H., and H. Kramer, Tulsa, Okla., assignors, by mesne assignments, to The Philip Carey Manufacturing Company. Pipe wrapping machine. 1,899,850; Feb. 28.
- Burton, Leo R. H., and V. E. Cook, Rome, N. Y. Machine for arranging elongated articles lengthwise in rows and conveying the articles lengthwise of the rows. 1,915,121; June 20.
- Burton, Leo R. H., and V. E. Cook, Rome, N. Y. String bean cutter. 1,919,770; July 25.
- Burton, Robert N. (See Hynan, Arthur C., assignor.)
- Burton, Roy, Salem, Oreg. Marker. 1,894,155; Jan. 10.
- Burton, Shirley. (See Kestell, T. A., and Burton.)
- Burton, Stanley H., Detroit, Mich. Doorlock. 1,903,284; Apr. 4.
- Burton, Stuart M., Burnham, England. Heat exchanger. 1,902,320; Mar. 21.
- Burton, Warren D., Oak Park, assignor to Combustioneer, Inc., Cicero, Ill. Mechanical stoker. 1,905,342; Apr. 25.
- Burton, Warren D., Oak Park, assignor to Combustioneer, Inc., Cicero, Ill. Mechanical stoker. 1,914,485; June 20.
- Burton, Warren D., Oak Park, assignor to Combustioneer, Inc., Cicero, Ill. Mechanical stoker. 1,914,486; June 20.
- Burton, Warren D., assignor to Combustioneer, Inc., Goshen, Ind. Power transmission mechanism. 1,920,956; Aug. 8.
- Burvenick, Benjamin, assignor to Lalance & Grosjean Manufacturing Company, Woodhaven, N. Y. Nipple attaching means and method. 1,896,028 Jan. 31.
- Burwell, Arthur W., Niagara Falls, assignor to Alex Chemical Corporation, New York, N. Y. Penetrating oil composition. 1,895,374; Jan. 24.
- Busby, Daniel, Seattle, Wash. Bookholder. 1,928,926; Oct. 3.
- Busby, Junius E., Jackson, assignor of one-half to T. A. Gabbard, Oakland, Ky. Device for handling railway rails. 1,919,090; July 18.
- Busch, August E., Gladstone, Mich. Adjustable spring hinge. 1,926,431; Sept. 12.
- Busch, Charles H., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Lee rail for beds. 1,915,774; June 27.
- Busch, Frank E. L., Erie, Pa. Antiknock fuel. 1,903,255; Mar. 28.
- Buschbaum, Fred, St. Louis, Mo. Exhaust operated heater. 1,920,059; July 25.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter. 1,909,751; May 16.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose, Telegraphie m. b. H., Berlin, Germany. Arrangement for valve transmitters. 1,914,593; June 20.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tube transmitter circuit arrangement. 1,917,697; July 11.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency multiplication. 1,925,520; Sept. 5.
- Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 1,926,082; Sept. 12.
- Buschman, Abraham L., New York, N. Y. Christmas tree lighting set package. 1,899,666; Feb. 28.
- Buschman, Sol L., New York, and A. G. Hopkins, Queens county, assignors to Metal Package Corporation, New York, N. Y. Container ring and cover. 1,939,335; Dec. 12.
- Büsdorf, Johann, and F. Löflund, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Substituted amino-diphenylamine. 1,900,426; Mar. 7.
- Busekist, Frederic F., Berkeley, Calif. Saw handle. 1,933,093; Oct. 31.
- Bush, A. G. (See Criner, Harry J., assignor.)
- Bush, Albert A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Interchangeable matrix mold. 1,899,258; Feb. 28.
- Bush, I. Russell, et al., administrators. (See Pearce, James W.)
- Bush, Leroy F., Edwardsville, Kans. Radio clock. 1,905,214; Apr. 25.
- Bush, Lester C., Columbus, Ohio. Automobile robe or blanket. 1,901,223; Mar. 14.
- Bush, Paine L., and W. R. King, Dallas, Tex. Bookmarker and filing card. 1,921,213; Aug. 8.
- Bush, Philip M. (See Hart, T. S., and Bush.)
- Bush, Thomas F. (See Skrainka, R. N., and Bush.)
- Bush, Thomas G., jr., Chattanooga, Tenn. Arbor for pipe casting molds. 1,899,228; Feb. 28.
- Bush, Vannevar, Belmont, Mass. Apparatus for establishing an artificial datum. 1,912,353; June 6.

- Bush, Vannevar, Belmont, assignor to Raytheon, Inc., Cambridge, Mass. Signaling system. 1,897,236; Feb. 14.
- Bush, Vannevar, West Medford, assignor to Raytheon Inc., Cambridge, Mass. Rectifying apparatus. 1,908,316; May 9.
- Bush, Vannevar, West Medford, Mass. Cable. 1,939,875; Dec. 19.
- Bush, Vannevar, Medford, assignor to Raytheon, Inc., Cambridge, Mass. Electron discharge device. 1,925,800; Sept. 5.
- Bush, Wade H., University City, Mo. Electrical fixture. Des. 90,017; May 30.
- Bushbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for radio circuits. 1,899,939; Mar. 7.
- Bushey, Francis S., Brooklyn, N. Y. Welded construction. 1,901,800; Mar. 14.
- Bushman, Frank, assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 1,907,510; May 9.
- Bushnell, Byron E., Tampa, Fla., assignor to Ingalls Iron Works Co. Reinforced wall structure. 1,911,058; May 23.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Automatic train control system. 1,926,864; Sept. 12.
- Bushnell, Charles S., and E. H. Branson, assignors to General Railway Signal Company, Rochester, N. Y. Rubber insulated coil and making the same. 1,926,865; Sept. 12.
- Bushnell, James E., North Plainfield, and J. C. Lukachovic, assignors to Ransome Concrete Machinery Company, Plainfield, N. J. Concrete mixing and distributing apparatus. Re18,764; Mar. 14.
- Bushnell, James E., North Plainfield, and G. W. Cronk, East Orange, assignors to Ransome Concrete Machinery Company, Plainfield, N. J. Cable winding means for loading skips. 1,908,953; May 16.
- Bushnell, Porter K., Berkeley, Calif. Egg beater. 1,921,342; Aug. 8.
- Bushong, Harry F., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Transmission. 1,900,096; Mar. 7.
- Busignies, Henri G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Direction finding. 1,940,902; Dec. 26.
- Buss, Bernhard G., Golden, Ill. Locking catch. 1,901,021; Mar. 14.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam suspension. 1,894,263; Jan. 17.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support bracket. 1,902,215; Mar. 21.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck construction. 1,905,680; Apr. 25.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck structure. 1,929,620; Oct. 10.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support. 1,929,621; Oct. 10.
- Busse, Edwin G., and H. W. Ekholm, assignors to Chicago Railway Equipment Company, Chicago, Ill. Safety guard for brake rods. 1,900,224; Mar. 7.
- Busse, Ernst, Dresden-Loschwitz, assignors to Zeiss Iko Aktiengesellschaft, Dresden, Germany. Oculograph. 1,939,434; Dec. 12.
- Busse, Warren F., Akron, Ohio, assignor of The B. F. Goodrich Company, New York, N. Y. Fibrous rubber product and producing the same. 1,909,455; May 16.
- Bussey, Everett E., Brooklyn, N. Y., assignor to Bussey Fuel Gasifier Corp., Philadelphia, Pa. Oil gas generator. 1,896,220; Feb. 7.
- Bussey Fuel Gasifier Corp. (See Bussey, Everett E., assignor.)
- Bussinger, Selma B., San Leandro, Calif. Piston ring compressor. 1,901,224; Mar. 14.
- Bustamante, Cesar, New York, assignor to D. Stern, Brooklyn, N. Y. Vending machine. 1,899,667; Feb. 28.
- Bustanoby, Damaris, Teaneck, N. J. Combined serving tray and game board. Des. 89,120; Jan. 31.
- Bustinduy, Moises, and J. A. Bergareche, Elbar, Spain. Automatic fastening apparatus which tautens, fastens, and cuts the wire in one sole operation. 1,929,347; Oct. 3.
- Buswell, George A. (See Bentley, P. A., Manger, Walnwright, and Buswell.)
- Butcher, Seth, Andover, and C. J. Wilder, Lawrence, Mass., assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Moisture extracting apparatus. 1,908,284; May 9.
- Butcher, William L., Newton, Mass. Waxing appliance. 1,931,686; Oct. 24.
- Butefish, Clinton C., Los Angeles, Calif. Rumble seat top. 1,921,308; Aug. 8.
- Butler, Albert M., and R. C. Lane, Danvers, Mass., assignors, by mesne assignments, to Electric Lamp Patents Company, Incorporated, New York, N. Y. Reclaiming electric lamps and bulbs. 1,920,528; Aug. 1.
- Butler, Andy O., Hot Springs, N. Mex. Battery hanger. 1,934,588; Nov. 7.
- Butler, Benjamin J., Somerville, Mass., assignor, by mesne assignments, to General Electric Company. Roll capacitor. 1,938,806; Dec. 12.
- Butler, Bertinus, Minneapolis, Minn. Hospital serving cabinet. 1,928,327; Sept. 26.
- Butler, Chalmers M., Hartsville, S. C., assignor of one-third to H. A. Edwards, Cedartown, Ga., and one-third to Sonoco Products Company, Hartsville, S. C. Cloth board. 1,910,589; May 23.
- Butler, Charles A., Okmulgee, Okla. Pneumatically actuated pumping system. 1,937,423; Nov. 28.
- Butler, Clinton C. (See Thompson, A. R., and Butler.)
- Butler, Clinton C., Pomona, assignor to Food Machinery Corporation, San Jose, Calif. Box dumping machine. 1,913,746; June 13.
- Butler, Clyde G., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Grease gun. Des. 91,053; Nov. 21, 1933.
- Butler, Clyde G., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Conduit coupling and lubricant flow control device. 1,897,660; Feb. 14.
- Butler, Clyde G., Cincinnati, Ohio, assignor, by mesne assignments, to Russell J. Gray, Minneapolis, Minn. Lubricating system. 1,917,238; July 11.
- Butler, Clyde G., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Grease gun. 1,938,891; Dec. 12.
- Butler, Comfort S., Chicago, Ill. Chemical test kit. 1,910,236; May 23.
- Butler, Cora A., Chicago, Ill. Face steamer. 1,937,316; Nov. 28.
- Butler, Francis D., special administrator. (See Holt, G. J., Hocking, Matson, and Knickerbocker.)
- Butler, George V., assignor of one-fourth to Jason E. Treat, Laverne, Mich. Mirror attachment. 1,933,964; Nov. 7.
- Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Film cut-out. 1,915,973; June 27.
- Butler, Henry R., East Orange, N. J., and C. J. Young, Ardmore, Pa., assignors to General Electric Company. Picture transmission. 1,902,486; Mar. 21.
- Butler, Henry W., New York, N. Y., assignor, by mesne assignments, to Fuller Lehigh Company. Steam boiler. 1,916,254; July 4.
- Butler, James D., Baltimore, Md., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphites. 1,937,944; Dec. 5.
- Butler, James M., Blaney, S. C. Poison spreader. 1,896,882; Feb. 7.
- Butler, Jay H., Newark, Ohio. Delivery truck control. 1,903,977; Apr. 18.
- Butler, John D., Washington, D. C. Razor blade sharpener. 1,900,158; Mar. 7.
- Butler, John H., Berkshire township, Delaware County, Ohio. Lawn sprinkler. 1,901,225; Mar. 14.
- Butler, John L., Huntington, W. Va. Game. 1,933,159; Oct. 31.
- Butler-Kuhn Corporation. (See Kuhn, George, assignor.)
- Butler Manufacturing Company. (See Norquist, Victor C., assignor.)
- Butler Manufacturing Company. (See Norquist, V. C., and Treanor, assignors.)
- Butler, Melvin D., et al. (See Irwin, David L., assignor.)
- Butler, Robert S., Los Angeles, Calif., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Pump. 1,922,196; Aug. 15.
- Butler, Robert W. (See Kulicke, F. W., Butler, and Moore.)
- Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 1,914,401; June 20.
- Butler, William H., Monrovia, Calif. Collapsible camp table and cover structure. 1,903,209; Mar. 28.
- Butow, Douglas L., Evanston, Ill. Mounting plate for outlet boxes. 1,921,151; Aug. 8.
- Butt, Herbert G., Winthrop, Mass. Clamp. 1,916,556; July 4.
- Butte, Paul C., assignor to J. B. Strauss, San Francisco, Calif. Braking mechanism for yielding highway barriers. 1,896,389; Feb. 7.
- Butterfield, Charles, Norwood, assignor to Harold W. Nichols, Cincinnati, Ohio. Liner. 1,900,897; Mar. 14.
- Butterfield, Fred, & Co. (See Wolf, J., Kiel, and Kahrmann, assignors.)
- Butterfield, Louis B., Hillside, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for measuring electrical quantities. 1,914,108; June 13.
- Butterfield, Louis B., Hillside, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 1,931,054; Oct. 17.
- Butterfield, Vernon J., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Heating system for automotive vehicles. 1,896,068; Feb. 7.
- Butterfield, Vernon J., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Heating apparatus for automotive vehicles. 1,901,082; Mar. 14.
- Butterick, Naason Z., Miami Beach, Calif. Wardrobe suitcase. 1,913,021; June 6.
- Butterman, Arthur, New York, N. Y. Article holder. 1,938,414; Dec. 5.
- Butterworth, Carl E. (See Schwab, J. W., and Butterworth.)
- Butterworth, H. W., & Sons Company. (See Butterworth, Harry W., Jr., assignor.)

- Butterworth, H. W., & Sons Company. (See Butterworth, H. W., Jr., and Bell, assignors.)
- Butterworth, Harry W., Jr., assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Cloth clamp. 1,909,806; May 16.
- Butterworth, Harry W., Jr., Philadelphia, and W. E. H. Bell, Glenside, assignors to H. W. Butterworth & Sons Company, Philadelphia, Pa. Apparatus for fluid treating or dyeing yarns. 1,911,305; May 30.
- Butterworth, Joseph M., et al. (See Butterworth, Samuel D., assignor.)
- Butterworth, Samuel D., Detroit, Mich., assignor to J. M. Butterworth, Detroit, Mich., and C. P. Gable, Gable, S. C. Clamping and means therefor. 1,897,548; Feb. 14.
- Butterworth, Samuel D., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 1,934,165; Nov. 7.
- Butterworth, Samuel D., Detroit, Mich., assignor, by mesne assignments, The Worth Company. Car loading device. 1,934,697; Nov. 14.
- Butterworth, William J., Tutbury, assignor to Qualcast Limited, Derby, England. Washing machine. 1,900,795; Mar. 7.
- Buttfield, William J., North Plainfield, assignor to The Vulcan Retinning Company, Sewaren, N. J. Manufacture of stannic chloride. 1,897,360; Feb. 14.
- Buttlicaz, Eugene, Corcelles, Switzerland, assignor to Morris Bikoff, New York, N. Y. Electric clock movement. 1,933,842; Nov. 7.
- Buttner-Werke A.-G. (See Zikesch, Herbert, assignor.)
- Buttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Faucet. 1,930,461; Oct. 17.
- Buttner, William C., assignor to The Bastian-Blessing Company, Chicago, Ill. Liquid dispenser. 1,938,892; Dec. 12.
- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Starting apparatus for electric discharge devices. 1,930,083; Oct. 10.
- Buttolph, Leroy J., Grantwood, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Starting apparatus for electric discharge devices. 1,930,084; Oct. 10.
- Buttontless Tire Cover Company, The. (See George, Edgar E., assignor.)
- Buttress, George A., Los Angeles, assignor of three-eighths to J. A. Buttress, Pasadena, three-eighths to H. J. Hillegas, Alhambra, and one-fourth to A. C. Chance, Los Angeles, Calif. Combination gardening tool. 1,908,506; May 9.
- Buttress, Joseph A., et al. (See Buttress, George A., assignor.)
- Buttress, Joseph A., South Pasadena, Calif., assignor of one-half to George Parker, Jackson, Miss. Exterior gripping device. 1,902,216; Mar. 21.
- Buttrick, William M., New York, N. Y., assignor to Celluloid Corporation. Convertible display case. 1,899,012; Feb. 28.
- Butts, Arthur C., New York, N. Y., and N. Perry, Dayton, Ohio; said Perry assignor to said Butts. Surgeon's scrubbing brush. 1,911,547; May 30.
- Butts, Edmund R., Esmond, N. Dak. Ear horn. 1,914,734; June 20.
- Butts, George W., Wynnewood, Pa., assignor to Pennsylvania Railroad Company. Container for stacked articles. 1,894,664; Jan. 17.
- Butts, George W., Wynnewood, Pa., assignor to Pennsylvania Railroad Company. Lifting grab. 1,895,649; Jan. 31.
- Butts, George W., Wynnewood, Pa., assignor to Pennsylvania Railroad Company. Assembling and transporting stacked articles. 1,900,756; Mar. 7.
- Butts, George W., Wynnewood, Pa., assignor to Pennsylvania Railroad Company. Container for transporting stacked articles. 1,936,825; Nov. 28.
- Butts, George W., Wynnewood, Pa., and A. C. Stewart, South Euclid, Ohio, said Butts assignor to Pennsylvania Railroad Company. Transportation container. 1,926,432; Sept. 12.
- Butts, George W., Wynnewood, Pa., and C. H. Williamson, Cleveland, Ohio, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Container. 1,936,826; Nov. 28.
- Butts, Harold A., Fort Madison, Iowa. Automatic railroad crossing gate. 1,914,359; June 20.
- Butts, Leonard C., Spokane, Wash. Time indicator. 1,920,838; Aug. 1.
- Butusov, Emil P., Hollywood, assignor of one-half to D. Lewy, Chicago, Ill. Elevator signaling system. Rel. 8,709; Jan. 10.
- Butz, Charles H., assignor to The Denver Fire Clay Company, Denver, Colo. Gas burner. 1,907,734; May 9.
- Butz, Clarence, Muscatine, Iowa. Ham press. 1,935,015; Nov. 14.
- Butzbach, Otto, Chicago, Ill. Tumbler construction. 1,913,151; June 6.
- Butzer, Eugene, Basel, Switzerland, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,894,343; Jan. 17.
- Butzler, Edward W. (See Donaldson, R. R., and Butzler.)
- Butzler, Edward W., Bellevue, assignor to John M. Hopwood, Dormont, Pa. Apparatus for feeding treating chemicals to boilers. 1,934,791; Nov. 14.
- Buvinger, George A., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,911,012; May 23.
- Bux, Julius R., Philadelphia, Pa. Fastening shoulder straps onto slide buckles. 1,936,496; Nov. 21.
- Buxbaum, Edwin C. (See Lee, H. R., and Buxbaum.)
- Buxton, Herman A., Cleveland Heights, Ohio, assignor to The Chase Bag Company, New York, N. Y. Bag filling apparatus. 1,900,907; Mar. 14.
- Buxton, Incorporated. (See Buxton, Warner R., assignor.)
- Buxton, Incorporated. (See Howe, Carleton H., assignor.)
- Buxton, Incorporated. (See Richards, Helen L., assignor.)
- Buxton, Paul W., Hudson, N. H., assignor to Wheeler Reflector Company, Boston, Mass. Suspending porcelain insulators. 1,939,760; Dec. 19.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. Des. 90,475; Aug. 15.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. Des. 90,833; Oct. 10.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 1,893,397; Jan. 3.
- Buxton, Warner R., Longmeadow, Mass. Pass case. 1,895,782; Jan. 31.
- Buxton, Warner R., Longmeadow, Mass. Loose leaf binder. 1,896,573; Feb. 7.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 1,904,353; Apr. 18.
- Buxton, Warner R., Longmeadow, Mass. Loose leaf binder. 1,909,807; May 16.
- Buxton, Warner R., Longmeadow, Mass. Loose leaf binder. 1,909,808; May 16.
- Buxton, Warner R., Longmeadow, Mass. Bill fold. 1,909,809; May 16.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 1,920,060; July 25.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 1,924,910; Aug. 29.
- Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 1,939,761; Dec. 19.
- Buxton, Warner R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key case. 1,904,354; Apr. 18.
- Buxton, Warner R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Key case. 1,922,755; Aug. 15.
- Byers, Henry D., Emmett, Idaho. Metal shears. 1,919,710; July 25.
- Byusch, Heinrich. (See Krantz, H., and Buysch.)
- Buzard, Otto L. See (Price, Albert H., assignor.)
- Buzzard, Raleigh B., Washington, D. C. Sheet of paper. Des. 89,481; Mar. 21.
- Buzzelli, Julius C., Beverly, N. J., assignor to Radio Corporation of America, Inc. Marking records. 1,906,248; May 2.
- Byam, Seward G. (See Buedinger, W. A., and Byam.)
- Byars, Alga E. (See Byars, Edgar and A. E.)
- Byars, Edgar W., Goshen, Ind. Wringer mop. 1,922,658; Aug. 15.
- Byars, Edgar W. and A. E., Goshen, Ind. Mop. 1,922,657; Aug. 15.
- Byboth, Carl J., Rushford, Minn. Humidifier. 1,897,298; Feb. 14.
- Bye, Mortimer. (See Larson, W. P., and Bye.)
- Byer, Henry E., Bronxville, N. Y. Condenser. 1,929,403; Oct. 10.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 1,903,438; Apr. 11.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Power press control. 1,904,676; Apr. 18.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press mechanism. 1,916,655; July 4.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 1,919,771; July 25.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 1,920,547; Aug. 1.
- Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Shaft bearing. 1,922,355; Aug. 15.
- Byerley, Josiah H., Los Angeles, Calif. Envelope sealer. 1,925,653; Sept. 5.
- Byers, A. M., Company. (See Wille, Fredrik H., assignor.)
- Byers, John, et al. (See Watson, Claude G., assignor.)
- Byers, Robert, Hancock, Md. Lidding tool. 1,938,807; Dec. 12.
- Byfield, Ernest L., assignor to College Inn Food Products Company, Chicago, Ill. Dispensing container. Des. 89,601; Apr. 11.
- Byington, James A., Orlando, Fla. Packing box press. 1,894,156; Jan. 10.
- Byk-Guldenwerke Chemische Fabrik Aktiengesellschaft. (See Mengele, Hans, assignor.)
- Bynum, Hugh R., Memphis, Tenn. Orthopedic device. 1,926,033; Sept. 12.
- Byrd, Alva B., Sikeston, Mo. Wear plate for rubber heels. 1,930,874; Oct. 17.
- Byrd, J. L., et al. (See Patterson, Augustus M., assignor.)
- Byrd, J. W., et al. (See Patterson, Augustus M., assignor.)

- Byrd, Raleigh A., Alamo, Tenn. Cultivator attachment. 1,911,349; May 30.
- Byrkit, Rollin J., Jr., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenating abietic acid ester. 1,901,630; Mar. 14.
- Byrne, James R., and D. J. MacIntosh, Liverpool, Nova Scotia, Canada. Automatic crossing gate. 1,894,940; Jan. 24.
- Byrne, Lillian. (See De Lukacsevics, Charles, assignor.)
- Byrne Manufacturing Company, The. (See Runser, F. J., and Blabo, assignors.)
- Byrne, William J., Indianapolis, Ind. Revolvable hull washing machine. 1,917,358; July 11.
- Byrne, William J., Indianapolis, Ind. Washing machine. 1,928,479; Sept. 26.
- Byrne, William J., Indianapolis, Ind. Hat-ironing machine. 1,929,805; Oct. 10.
- Byrnes, Clarence P. (See Stable, Erik G., assignor.)
- Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)
- Byrnes, James H., assignor to Electron Lights, Inc., San Francisco, Calif. Luminous tube. 1,898,615; Feb. 21.
- Byrnes, Townsend & Potter. (See Crouse, George B., assignor.)
- Byron, Hagar B., assignor of one-half to F. Kalmbach, New York, N. Y. Motion picture film. 1,896,836; Feb. 7.
- Byron Jackson Co. (See Hollander, Aladar, assignor.)
- Byron Jackson Co. (See Smith, Nelson K., assignor.)
- Byron Jackson Company. (See Smith, N. K., and Hertel, assignors.)
- Byron Jackson Co. (See Sorensen, Sam, assignor.)
- Byron, Jerome P., Lynn, and A. R. Ridderstrom, Nahant, Mass., assignors, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Folding machine and method. 1,899,077; Feb. 28.
- Byron, Thomas H., Elizabethton, and R. H. Carter, Johnson City, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Apparatus for filament treatment. 1,896,609; Feb. 7.
- Bysshe, Ernest T. and R. R. Finn, assignors to Jones & Lamson Machine Company, Springfield, Vt. Holding chasers. 1,924,735; Aug. 29.
- Bystricky, Joseph, assignor to Alemite Corporation, Chicago, Ill. Pump for lubricating apparatus. 1,924,707; Aug. 29.
- Bystrom, Israel, Ashland, Wis. Closet bowl ventilator. 1,940,163; Dec. 19.
- C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
- C-O-Two Fire Equipment Company. (See Allen, S. E., and Wiswell, assignors.)
- C-O-Two Fire Equipment Company. (See Wiswell, Ozro N., assignor.)
- C. P. T. Development Company. (See Andrews, C. W., and Rogers, assignors.)
- C. R. C. Air Cleaner Co. (See Cartmell, John, assignor.)
- C-S Engineering Company. (See Coffin, Joel S., Jr., assignor.)
- C-S Engineering Company. (See Schellens, Christopher A., assignor.)
- C-S Engineering Company. (See Schellens, Eugene L., assignor.)
- C-S Engineering Company. (See Schellens, Eugene L. and C. A., assignors.)
- C. T. Electric Company. (See Twombly, Willard O., assignor.)
- C and W Wire Container Company, The. (See Cook, Jay W., assignor.)
- Cabad Corporation of America. (See Karlin, Nathan A., assignor.)
- Cabana, Luis, assignor to Liquid Veneer Corporation, Buffalo, N. Y. Handle connection. 1,932,099; Oct. 24. "Cabin Crafts." (See Smith, Lawrence P., assignor.)
- Cabot, Godfrey L., Inc. (See Amon, Fred H., assignor.)
- Cabot, Samuel, Jamaica Plain, assignor to Polygon Products Company, Boston, Mass. Lubricating compound. 1,935,588; Nov. 14.
- Cabot, Walter K., Montclair, N. J., assignor to American Can Company, New York, N. Y. Electrical control for can making machinery. 1,916,255; July 4.
- Caddy, Elizabeth. (See Caddy, Sydney C. and E.)
- Caddy, Sydney C. and E., Worthing, England. Light reflecting lamp. 1,940,580; Dec. 19.
- Cade, Arthur K., and H. O. Halvorson, Minneapolis, Minn. Germicidal and detergent substances. 1,901,434; Mar. 14.
- Cade, John E., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor wheel bearing. 1,909,569; May 16.
- Cadgene, Ernest, Englewood Cliffs, N. J. Fabric and treating the same. 1,924,677; Aug. 29.
- Cadieux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Telephone system and apparatus. 1,905,215; Apr. 25.
- Cadieux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Electric terminal connector. 1,914,109; June 13.
- Cadieux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Gas lamp construction. 1,922,524; Aug. 15.
- Cadieux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Gas lamp. 1,932,509; Oct. 31.
- Cadieux, Joseph O., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Household lighting unit. 1,938,555; Dec. 5.
- Cadmus, Kenneth S. (See Bond, D. S., and Cadmus.)
- Cadwell-Baird Iron Wks. (See Cadwell, Ralph K., assignor.)
- Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Method of and apparatus for electric welding. 1,911,059; May 23.
- Cadwell, Harold W. (See Harris, C. C., and Cadwell, assignors.)
- Cadwell, Ralph K., Glendale, assignor to Cadwell-Baird Iron Wks., Los Angeles, Calif. Static brake tester. 1,922,659; Aug. 15.
- Cadwell, Ralph K., Glendale, and W. H. Winheim, Los Angeles, assignors to John Bean Mfg. Co., San Jose, Calif. Vehicle undercarriage testing and adjusting device. 1,908,317; May 9.
- Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treating rubber and product obtained thereby. 1,905,797; Apr. 25.
- Cadwell, Sidney M., Leonia, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Mercapto aryl thiazoles and making them. 1,905,798; Apr. 25.
- Cadwell, William H., assignor to The Beaton & Cadwell Manufacturing Company, New Britain, Conn. Vacuum radiator valve. 1,910,237; May 23.
- Cady, Charles K., Sioux City, Iowa. Lumber rack. 1,919,271; July 25.
- Cady, Jane D., Newton, Mass. Cover for boxes, cartons, or the like. Des. 90,868; Oct. 17.
- Cady, Sherman W. (See Benjamin, B. R., and Cady.)
- Cady, Sherman W., Canton, Ill., assignor to International Harvester Company. Tractor cultivator. 1,899,940; Mar. 7.
- Cady, Sherman W., Canton, Ill., assignor to International Harvester Company. Power lift mechanism for tractors. 1,911,306; May 30.
- Cady, Sherman W., and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Tractor cultivator. 1,936,749; Nov. 28.
- Caesar, George V., New York, N. Y., assignor to Stein, Hall & Company, Inc. Adhesive and making same. 1,904,619; Apr. 18.
- Cesar, John, and S. Eggleston, St. Paul, assignors to Standard Conveyor Company, North St. Paul, Minn. Endless chain elevator and conveyor. 1,931,141; Oct. 17.
- Cage, James, Valley Stream, N. Y. Automatic scenic display apparatus. 1,910,213; May 23.
- Caggiano, Anthony, Springfield, Mass. Template for splitting leather soles. 1,904,405; Apr. 18.
- Cahill, Charles T., Boston, Mass. Mold. 1,905,897; Apr. 25.
- Cahill, Edward H., assignor to Brock & Weymouth, Incorporated, Philadelphia, Pa. Making maps. 1,910,425; May 23.
- Cahill, Edward H., assignor to Brock & Weymouth, Incorporated, Philadelphia, Pa. Apparatus for correcting tilted photographs. 1,911,142; May 23.
- Caboon, Ernest L., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Condenser. 1,894,753; Jan. 17.
- Caille Motor Company. (See Smith, Theodore L., assignor.)
- Caillet, Robert. (See Mutrux, M., and Caillet.)
- Cain, Carl C., Pleasantville, N. J. Internal combustion engine. 1,940,533; Dec. 19.
- Cain, Edward H., South Euclid, Ohio. Testing apparatus. 1,922,792; Aug. 15.
- Cain, John R., Washington, D. C., assignor to The Richardson Company, Lockland, Ohio. Electrolytic process of producing ductile iron. 1,912,430; June 6.
- Cain, John R., Washington, D. C., and S. W. Yates, Cincinnati, assignors to The Richardson Company, Lockland, Ohio. Iron sulphide material and making the same. 1,904,915; Apr. 18.
- Cain, John W., Chicago, Ill. Window wiper. 1,903,439; Apr. 11.
- Cain, Julius W., Dallas, Tex. Barbecue oven. 1,896,192; Feb. 7.
- Cain, William, sr., Newburg, W. Va. Automobile parking machine. 1,932,446; Oct. 31.
- Cain, William E. (See Gotthardt, H. R., and Cain.)
- Calne, Charles H., assignor to Brown & Calne (Chicago Division), of Tung-Sol Lamp Works, Inc., Chicago, Ill. Oil impregnated condenser. 1,934,966; Nov. 14.
- Caisson Contracting Company. (See Hart, Linton, and Fletcher, assignors.)
- Caisson Contracting Company. (See Powell, Charles L., assignor.)
- Caisson Contracting Company. (See Powell, C. L., and Smith, assignors.)
- Calbeck, John H., Joplin, Mo. Electrolytic process for the recovery of lead from waste materials. 1,911,604; May 30.
- Calco Chemical Company. (See Battegay, Martin, assignor.)
- Calco Chemical Company, The. (See Beardsley, Alling P., assignor.)
- Calco Chemical Company, The. (See Beardsley, A. P., and Laury, assignors.)

- Calco Chemical Company. (See Berry, G. A., Linville, and Beardsley, assignors.)
- Calco Chemical Company, The. (See Jacobson, Bernard H., assignor.)
- Calco Chemical Company, The. (See Merz, August, assignor.)
- Calcott, William S., Penns Grove, N. J., and A. S. Carter, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur chloride reaction product. 1,896,157; Feb. 7.
- Calcott, William S., Penns Grove, N. J., A. S. Carter, Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Protecting articles from corrosion. 1,896,158; Feb. 7.
- Calcott, William S., Penns Grove, N. J., and A. S. Carter, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenating acetylene polymers. 1,896,159; Feb. 7.
- Calcott, William S., Penns Grove, N. J., and A. S. Carter, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenation process and products produced thereby. 1,896,160; Feb. 7.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., and O. M. Hayden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounding rubber. 1,899,554; Feb. 28.
- Calcott, William S., Penns Grove, F. B. Downing, Carneys Point, and D. H. Powers, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic rubber and its manufacture. 1,903,500; Apr. 11.
- Calcott, William S., Penns Grove, N. J., A. S. Carter, Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of hydrocarbons. 1,903,501; Apr. 11.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of oils, fatty acids, fatty esters, fatty acids, fatty acid salts, and related compounds. 1,913,367; June 13.
- Calcott, William S., and W. A. Douglass, Penns Grove, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of oils, fatty acids, fatty esters, fatty acids, fatty acid salts, and related compounds. 1,913,368; June 13.
- Calcott, William S., Penns Grove, N. J., J. A. Nieuwland, Notre Dame, South Bend, Ind., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of copper from spent reaction masses. 1,915,152; June 20.
- Calcott, William S., Penns Grove, N. J., A. S. Carter, Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of mono-vinyl-acetylene. 1,920,242; Aug. 1.
- Calcott, William S., Penns Grove, and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acetylene polymers and making same. 1,924,979; Aug. 29.
- Calcott, William S., Penns Grove, N. J., and H. V. Bricka, Springfield, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rendering fibrous material impervious to tetra alkyl lead. 1,933,704; Nov. 7.
- Calcott, William S., Penns Grove, N. J., and H. W. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Gum inhibitor for hydrocarbons. 1,939,659; Dec. 19.
- Calcott, William S., Penns Grove, N. J., and I. E. Lee, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Gum inhibitor for gasoline. 1,940,445; Dec. 19.
- Caldemeyer, Daniel H., Evansville, Ind. Adjustable back for davenport beds. 1,907,177; May 2.
- Calderwood, John M., Salt Lake City, Utah. Drilling apparatus. 1,921,503; Aug. 8.
- Caldwell, Charles H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. Des. 89,121; Jan. 31.
- Caldwell, Edw. F., & Co. Inc. (See Tucker, Spencer J., assignor.)
- Caldwell, Edwin, New York, N. Y. Smoking pipe. 1,940,075; Dec. 19.
- Caldwell Experimental Corporation. (See Caldwell, Henry C., assignor.)
- Caldwell, Frank W., Dayton, Ohio, assignor, by mesne assignments, to Hamilton Standard Propeller Company, Propeller. 1,893,612; Jan. 10.
- Caldwell, George W., Philadelphia, Pa. Combination ash receiver and beverage container support. 1,915,214; June 20.
- Caldwell, Henry C., assignor to Caldwell Experimental Corporation, Buffalo, N. Y. Heater. 1,921,152; Aug. 8.
- Caldwell, Howard B., Morrison, Va. Bassinet. Des. 90,696; Sept. 19.
- Caldwell, Hugh M., et al. (See Thompson, H. J., and Sulak, assignors.)
- Caldwell, James R. and M. L., Norton, Mass. Dustpan. 1,908,730; May 16.
- Caldwell, John W., St. Albans, W. Va. Combined gum massager and tooth brusher. 1,914,240; June 13.
- Caldwell, Lyle, assignor, by mesne assignments, to California First National Bank of Long Beach, Long Beach, Calif. Neutralization. 1,921,116; Aug. 8.
- Caldwell, Madeleine L. (See Caldwell, J. R. and M. L.)
- Caldwell, Paul, Quincy, assignor to Moorman Manufacturing Company, Chicago, Ill. Mineral feed. 1,902,832; Mar. 28.
- Caldwell, William J., assignor to The National Air Control Co. Inc., Kansas City, Mo. Radiator. 1,893,270; Jan. 3.
- Caley, Ephraim, assignor to Durametallic Corporation, Kalamazoo, Mich. Packing ring and method of making. 1,914,632; June 20.
- Calhoun, Clinton L., Salina, Kans. Gas burner. 1,912,254; May 30.
- Calhoun, Willis A., Mascot, Tenn. Flexible belt fastener. 1,895,969; Jan. 31.
- California Canning Machinery Company. (See Wilcox, George, assignor.)
- California Cap Company. (See Hammond, John A., assignor.)
- California Cedar Products Company. (See Sylva, John J., assignor.)
- California Chemical Corporation. (See Seaton, Max Y., assignor.)
- California Consolidated Water Company. (See Infield, Jack F., assignor.)
- California Consolidated Water Company. (See Wolfe, Richard C., assignor.)
- California Corrugated Culvert Co. (See Force, Harold W., assignor.)
- California Corrugated Culvert Co. (See Norton, Albert C., assignor.)
- California First National Bank of Long Beach. (See Caldwell, Lyle, assignor.)
- California Fruit Growers Exchange. (See Finley, J. A., and Wilson, assignors.)
- California Fruit Growers Exchange. (See Wilson, C. P., and Finley, assignors.)
- California Ink Company Inc., The. (See Harrison, W. F., and Batchelder, assignors.)
- California Packing Corporation. (See Ash, Charles S., assignor.)
- California Packing Corporation. (See Campbell, Henry A., assignor.)
- California Packing Corporation. (See Eddington, William R., assignor.)
- California Packing Corporation. (See Kent, E. A., Bava, and Youman, assignors.)
- California Packing Corporation. (See Youman, Burt C., assignor.)
- California Portland Cement Company. (See Dahl, L. A., and Hanna, assignors.)
- California Spray-Chemical Corporation. (See Volck, William H., assignor.)
- Caliss, Paul C., Philadelphia, Pa. Adjustable standard. 1,939,251; Dec. 12.
- Calivas, George J., Alabama City, Ala. Cigarette package. 1,897,549; Feb. 14.
- Calkins, Addison N., assignor to Electric Wheel Company, Quincy, Ill. Tree and plant digging implement. 1,909,752; May 16.
- Calkins, Claude C., Spokane, Wash. Seed treating machine. 1,897,361; Feb. 14.
- Calkins, Claude C., Spokane, Wash. Rotary weeder. 1,910,881; May 23.
- Calkins, Elmer E. (See Miller, L. M., Greene, Miller, and Calkins.)
- Calkins, Frederic A., Waterbury, Conn., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Splash guard for automobile rear fenders. Re18,867; June 13.
- Calkins, Lloyd E., Joliet, Ill., assignor to The Ruberoid Co., Bound Brook, N. J. Manufacture of cement products. 1,931,018; Oct. 17.
- Calkins, Ramond M. (See Swank, James W., assignor.)
- Calkins, William G., assignor to Chrysler Corporation, Detroit, Mich. Metallic material. 1,927,626; Sept. 19.
- Calkins, William G., assignor to Chrysler Corporation, Detroit, Mich. Die. 1,940,294; Dec. 19.
- Calkins, William G., and M. L. Carpentier, assignors to Chrysler Corporation, Detroit, Mich. Manufacturing bearings. 1,896,939; Feb. 7.
- Calkins, William G., and C. A. Tea, assignors to Chrysler Corporation, Detroit, Mich. Leaf spring. 1,927,627; Sept. 19.
- Call, Lloyd L., Glen Ellyn, assignor to General Electric X-Ray Corporation, Chicago, Ill. Electrotherapeutic apparatus. 1,908,688; May 16.
- Call, Reginald L., assignor to The Charles Parker Company, Meriden, Conn. Fixture support. 1,893,729; Jan. 10.
- Callaghan, George H., et al. (See Fricker, Carl J., assignor.)
- Callaghan, Richard, Kansas City, Mo. Safety zone guard. 1,940,994; Dec. 26.
- Callahan, James P., San Francisco, Calif. Side windshield attaching construction. 1,940,995; Dec. 26.
- Callahan, John F., assignor of two-fifths to V. J. Jacques, one-tenth to L. R. Bowles and one-tenth to W. S. Callahan, Los Angeles, Calif. Briquetting machine. 1,912,690; June 6.
- Callahan, Michael J., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reducing the solution viscosity of cellulose. 1,904,406; Apr. 18.

- Callahan, Oscar L., assignor of one-fourth to George I. Cotter, West Frankfort, Ill. Pneumatic hand tool. 1,940,388; Dec. 19.
- Callahan, William F. (See Janson, G. W., and Callahan.)
- Callahan, William S., et al. (See Callahan, John F., assignor.)
- Callan, William H., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Clutch mechanism. 1,913,046; June 6.
- Callard & Bowser, Limited. (See Hudson, Paul G., assignor.)
- Callaway, Clarence R., Honesdale, Pa., assignor to Gurney Elevator Company, Inc., New York, N. Y. Elevator control system. 1,928,752; Oct. 3.
- Calleja, John, Corona, N. Y. Multiple cutter plane. 1,911,179; May 30.
- Callejo, Modesto, Bronx, N. Y. Lavatory fixture. 1,935,201; Nov. 14.
- Callender's Cable and Construction Company Limited. (See Hill, Harry, assignor.)
- Callender's Cable and Construction Company Limited. (See Hunter, P. V., Watson, and Brazier, assignors.)
- Callis, Conral C. (See Kratz, E. J., and Callis.)
- Callis, Conral C., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Solder. 1,926,853; Sept. 12.
- Callis, Conral C., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Solder. 1,926,854; Sept. 12.
- Callison, Abner F., New York, N. Y. Automatic leveling device for vehicles. 1,896,883; Feb. 7.
- Callow, Olaf C. (See Whitcomb, A. J., Rice, and Callow.)
- Calloway, Russell T., Glen Ellyn, Ill., assignor to Electrical Engineers Equipment Company. Electrical terminal device. 1,930,305; Oct. 10.
- Calloy Limited. (See Kirsebom, Gustaf N., assignor.)
- Callens, Albert, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Eddy current electric motor. 1,925,626; Sept. 5.
- Callen, Jürgen, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of halogen alcohols. 1,903,587; Apr. 11.
- CalorOil Burner Corporation. (See Kinsman, Gordon, assignor.)
- Caltabiano, Gaetano, Wallington, assignor to Andrew Foulds, jr., Passaic, N. J. Cigarette and cigar holder. 1,909,486; May 16.
- Calton, Robert G., Nashville, Tenn., assignor to Tennessee Enamel Manufacturing Co. Refrigerator. 1,916,165; June 27.
- Calton, Robert G., assignor to Tennessee Enamel Manufacturing Co., Nashville, Tenn. Refrigerator. 1,916,166; June 27.
- Calumet Refining Company. (See Jester, M. B., and Smith, assignors.)
- Calumet Steel Company. (See Carrel, Frank G., assignor.)
- Calumet Steel Company. (See Johnson, Edward, assignor.)
- Calvert, Burnell M., Terre Haute, Ind. Automobile door. Des. 89,435; Mar. 14.
- Calvert, Francis V., Madison, Me., assignor to General Electric Company. Oil-filled high tension cable. 1,902,487; Mar. 21.
- Calvert, Glen M., Grosse Pointe, Mich., assignor to Micro-matic Bone Corporation. Abrasive stone holder. 1,908,218; May 9.
- Calvert, John F., Huntington, Ind. Casement window holder. 1,893,128; Jan. 3.
- Calvert, Robert. (See Van Schaack, R. H., jr., and Calvert.)
- Calvert, Robert, Wilmette, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Denatured alcohol composition. 1,919,145; July 18.
- Calvert, Ward S., assignor to The Refinite Company, Omaha, Nebr. Regenerating zeolites. 1,937,034; Nov. 28.
- Calvert, William C., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Printer's blanket. 1,918,517; July 18.
- Calwis Industries, Ltd. (See Orkin, Samuel, assignor.)
- Cam Syndicate Limited. (See Hillery-Collings, Charles E., assignor.)
- Cambio Products Limited. (See Mapson, L. W., MacCurdy, and Nolan, assignors.)
- Cambridge Instrument Company. (See Apthorpe, William H., assignor.)
- Cambridge Instrument Company, The. (See Kruse, Ralph H., assignor.)
- Cambridge Rubber Co. (See Joy, Walter, assignor.)
- Cambridge, Walter R., Fort Bidwell, Calif. Helicopter device. 1,903,440; Apr. 11.
- Cambron, Adrien, Montreal, Quebec, Canada, assignor, by mesne assignments, to The Roessler & Hasslacher Chemical Company. Accelerator for the vulcanization of rubber. 1,911,263; May 30.
- Cambron, Adrien, Perth Amboy, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Accelerator for the vulcanization of rubber. 1,915,979; June 27.
- Canco Scale Corporation. (See Robinson, Andrew M., assignor.)
- Camel Company. (See Beauchamp, Wilfred A., assignor.)
- Camel Company. (See Conrad, D. E., and Baldwin, assignors.)
- Camel Company. (See Eklind, C. E., and Tobin, assignors.)
- Camel Company. (See Fehr, E. J., Lute, and Tobin, assignors.)
- Camel Company. (See Herter, Frederick J., assignor.)
- Camel Company. (See Kwake, Joseph A., assignor.)
- Camel Company. (See Lute, Carl, assignor.)
- Camel Company. (See Madland, Gabriel, assignor.)
- Camel Company. (See Madland, Thorvald, assignor.)
- Camel Company. (See Nystrom, Karl F., assignor.)
- Camel Company. (See Tobin, Kenneth J., assignor.)
- Camel Company. (See Tobin, K. J., and Beauchamp, assignors.)
- Camel Company. (See Tobin, K. J., and Darrow, assignors.)
- Camel Company. (See Tobin, K. J., and Wasberg, assignors.)
- Camera-Projectors Limited. (See Hillery-Collings, Charles E., assignor.)
- Camerino, Ernest and W. R., New York, N. Y. Oil burner. Des. 89,745; May 2.
- Camerino, William R. (See Camerino, Ernest and W. R.)
- Cameron, Alexander S., assignor to W. J. Cameron, Chicago, Ill. Optical instrument. 1,899,135; Feb. 28.
- Cameron Can Machinery Co. (See Cameron, William, assignor.)
- Cameron, Hugh J. (See Jackson, E. H., and Cameron.)
- Cameron, Hugh M., Woodhaven, assignor of one-half to Edward A. Judge, New York, N. Y., and one-half to J. E. Seeder, Bloomfield, N. J. Scale. 1,903,955; Apr. 18.
- Cameron, Hugh M., Woodhaven, N. Y., assignor, by mesne assignments, to Seeder-Kohlbusch, Inc., Jersey City, N. J. Low type even balance counter scale. 1,905,898; Apr. 25.
- Cameron, James A., Oak Park, Ill. Phonograph. 1,922,231; Aug. 15.
- Cameron, James A., assignor to Cameron Machine Company, Brooklyn, N. Y. Ejecting and delivery device for winding machines. 1,918,016; July 11.
- Cameron, James A., assignor to Cameron Machine Company, Brooklyn, N. Y. Splicing. 1,931,953; Oct. 24.
- Cameron, John A., Madawaska, Ontario, Canada. Internal-combustion engine. 1,931,788; Oct. 24.
- Cameron, John F., Seattle, Wash. Wrench. 1,917,293; July 11.
- Cameron, Lewis O., assignor to L. O. Cameron, Washington, D. C. Air deflector. 1,917,093; July 4.
- Cameron, Louise W. (See Cameron, Lewis O., assignor.)
- Cameron Machine Company. (See Cameron, James A., assignor.)
- Cameron Machine Company. (See Johnstone, Robert McC., assignor.)
- Cameron, Verne L., Escondido, Calif. Fender straightening tool. 1,911,674; May 30.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Can necking mechanism. 1,912,821; June 6.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Can making machine. 1,917,359; July 11.
- Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Blank feeding mechanism. 1,935,391; Nov. 14.
- Cameron, William J. (See Cameron, Alexander S., assignor.)
- Cameron, William J. (See Grothe, Arthur A., assignor.)
- Cameron, William J., Chicago, Ill. Illuminated telescope for instruments. 1,896,861; Feb. 7.
- Cameron, William J., Chicago, Ill. Blade holder for tongue depressors. 1,908,010; May 9.
- Cameron, William J., Chicago, Ill. Mounting device for instruments. 1,934,693; Nov. 14.
- Cameron, William M., New York, N. Y., and C. M. Croft, Cumberland, Md., assignors to Celanese Corporation of America. Delustering knit fabric and product thereof. 1,937,544; Dec. 5.
- Camerota, Louis A., Burlington, N. J., assignor to W. Wood, Philadelphia, Pa. Method and apparatus for blasting pipe. 1,897,951; Feb. 14.
- Camerota, Louis A., Burlington, N. J., assignor to Walter Wood, Philadelphia, Pa. Chuck for centrifugal casting machines. 1,902,301; Mar. 21.
- Camerota, Louis A., Burlington, N. J., assignor to Walter Wood, Philadelphia, Pa. Flask handling apparatus. 1,911,106; May 23.
- Camerota, Louis A., Burlington, N. J., assignor to Walter Wood, Philadelphia, Pa. Mold disintegrating station. 1,912,361; June 6.
- Camerota, Louis A., Burlington, N. J., assignor to Walter Wood, Philadelphia, Pa. Conveyor for cylindrical objects. 1,919,199; July 25.
- Camerota, Louis A., Burlington, N. J., assignor to W. Wood, Philadelphia, Pa. Stuffing box for blow pipes. 1,926,034; Sept. 12.
- Camerota, Louis A., Burlington, N. J., assignor to Walter Wood, Philadelphia, Pa. Centrifugal casting apparatus. 1,936,376; Nov. 21.
- Camescasse, Pierre, Paris, France, assignor to The Magnesium Production Co., Ltd., London, England. Anode for fused bath electrolysis. 1,941,387; Dec. 26.

- Camille, Dreyfus, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Discharge printing and fabric produced thereby. 1,905,347; Apr. 25.
- Camilli, Guglielmo. (See Blume, L. F., and Camilli.)
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Camera. 1,934,484; Nov. 7.
- Caminez, Harold. (See White, J. A., and Caminez.)
- Cammann, Oswald, Jr., Newton, Mass. Dishwashing machine. 1,928,683; Oct. 3.
- Cammen, Leon, New York, N. Y. Printing telegraph. 1,935,016; Nov. 14.
- Cammen, Leon, assignor to P. Davie, New York, N. Y. Collapsible mandrel. 1,929,673; Oct. 10.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Railway brake. 1,906,367; May 2.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Railway brake operating mechanism. 1,928,878; Oct. 3.
- Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Automatic slack adjuster. 1,933,094; Oct. 31.
- Camp, S. H., & Company. (See Le May, Ariel M., assignor.)
- Camp, William M., North Providence, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated. Textile tape package. 1,915,815; June 27.
- Campbell, A. S. Company, The. (See Campbell, Alphonso S., assignor.)
- Campbell, A. S. Company. (See Kubler, Frederick J., assignor.)
- Campbell, Allan, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,900,159; Mar. 7.
- Campbell, Alphonso S., Winchester, assignor to A. S. Campbell Company, East Boston, Mass. License plate frame. 1,936,287; Nov. 21.
- Campbell, Alvin R., San Francisco, Calif. Heel pulley block holding device. 1,899,555; Feb. 28.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging gondola car. 1,892,868; Jan. 3.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Hopper car construction. 1,912,619; June 6.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway hopper car construction. 1,912,620; June 6.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway hopper car. 1,913,869; June 13.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car door. 1,916,557; July 4.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Car door. 1,916,558; July 4.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Side door for railway cars. 1,916,559; July 4.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging car. 1,916,560; July 4.
- Campbell, Arthur J., assignor to B. S. Hertz, New York, N. Y. Producing relief effects. 1,915,515; June 27.
- Campbell, Arthur W., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,902,115; Mar. 21.
- Campbell, Brice M., Dallas, Tex. Garment measuring device. 1,912,691; June 6.
- Campbell, Calvin, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Gate latch. 1,929,479; Oct. 10.
- Campbell, Calvin, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Gate latch. 1,939,954; Dec. 19.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,900,043; Mar. 7.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake valve housing. 1,903,441; Apr. 11.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Automotive brake system. 1,903,978; Apr. 18.
- Campbell, Charles A., Watertown, N. Y., assignor to New York Air Brake Company. Back-up valve for air brake systems. 1,912,566; June 6.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,912,567; June 6.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,913,474; June 13.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,916,299; July 4.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,918,632; July 18.
- Campbell, Charles A., assignor to The New York Air Brake Company, Watertown, N. Y. Air brake. 1,928,091; Sept. 26.
- Campbell, Charles A., assignor to The New York Air Brake Company, Watertown, N. Y. Air brake. 1,928,092; Sept. 26.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,929,575; Oct. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Bow-spring mounting for the slide valves of triple valves. 1,929,576; Oct. 10.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 1,936,827; Nov. 28.
- Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Brake pipe vent valve. 1,938,738; Dec. 12.
- Campbell, Charles C., jr. (See Campbell, Charles C., assignor.)
- Campbell, Charles C., assignor to C. C. Campbell, jr., Lockport, N. Y. Making lubricating means for leaf springs. 1,926,834; Sept. 12.
- Campbell, Charles D., Springdale, Ark. Side dressing machine. 1,894,157; Jan. 10.
- Campbell, Charles H., Kent, Ohio. Glue product and preparing the same. 1,940,486; Dec. 19.
- Campbell, Clinton L. (See Field, C., and Campbell.)
- Campbell, Donald. (See Laboon, J. F., and Barns, assignors.)
- Campbell, Donald F., London, England, assignor to Ajax Electric Company, Inc., Philadelphia, Pa. Supporting resistor coils in electric furnaces. 1,924,079; Aug. 22.
- Campbell, Donald J., Muskegon Heights, Mich. Tire. 1,903,405; Apr. 4.
- Campbell, Donald J., Muskegon Heights, Mich. Brake drum. 1,927,305; Sept. 19.
- Campbell, Donald J., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Centrifugal casting machine. 1,917,872; July 11.
- Campbell, Donald J., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Composite brake drum. 1,927,306; Sept. 19.
- Campbell, Duncan. (See Fraser, J., and Campbell.)
- Campbell, Edmund D., University City, and W. F. Dietrichson, Webster Groves, Mo. Refrigerator. 1,917,873; July 11.
- Campbell, Edmund D., University City, and W. F. Dietrichson, Webster Groves, Mo., assignors to American Car and Foundry Securities Corporation, Wilmington, Del. Refrigerator. 1,937,545; Dec. 5.
- Campbell, Edmund D., University City, and W. H. Herdlein, St. Louis, Mo., assignors to American Car and Foundry Company, New York, N. Y. Air conditioning system. 1,937,546; Dec. 5.
- Campbell, Edward D., assignor to Eli Lilly and Company, Indianapolis, Ind. Liver extract. 1,914,338; June 13.
- Campbell, Eugene R., La Grange, assignor to Rand, McNally & Company, Chicago, Ill. Display-sheet-supporting structure. 1,919,830; July 25.
- Campbell, Furman N. (See Gregg, F. M., Campbell, and Myatt.)
- Campbell, George H. (See Smith, J. C., and Campbell.)
- Campbell, Grant, Short Hills, N. J. Liquid level regulation. 1,907,735; May 9.
- Campbell, Grant, Short Hills, N. J. Valve. 1,925,301; Sept. 5.
- Campbell, Guy O., West Grinstead, Horsham, England. Ash tray. 1,902,014; Mar. 21.
- Campbell, Harry E., assignor to Campbell Metal Window Corporation, Baltimore, Md. Central hinged window. 1,908,285; May 9.
- Campbell, Henry A., San Jose, assignor to California Packing Corporation, San Francisco, Calif. Box lining machine. 1,940,743; Dec. 26.
- Campbell, Herbert F., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Replaceable tooth for crusher rolls and other crushing elements. 1,939,660; Dec. 19.
- Campbell, Ira A. (See Knight, Charlotte S., assignor.)
- Campbell, James. (See Stewart, A. C., and Campbell.)
- Campbell, James W. (See Phelps, A. W., and Campbell.)
- Campbell, James W., Salem, Va. Merchandising carton. 1,920,353; Aug. 1.
- Campbell, Joe, assignor of one-half to J. F. Boenner, Oakland, Calif. Electric welding appliance. 1,931,250; Oct. 17.
- Campbell, John. (See Pickering, C. H., and Campbell.)
- Campbell, John D., assignor to Jay-Dee Manufacturing Co., Ltd., Tustin, Calif. Tong chain splicer. 1,938,415; Dec. 5.
- Campbell, John F., and J. D. Thomson, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Pneumatic tire building chuck. 1,923,705; Aug. 22.
- Campbell, John G., and L. A., Kansas City, Mo. Garment hanger. 1,900,908; Mar. 14.
- Campbell, John R., Harrison, N. J. Curbing. 1,927,388; Sept. 19.
- Campbell, Julian A., Long Beach, Calif. Separator. 1,926,262; Sept. 12.
- Campbell, Lawrence A. (See Campbell, J. G. and L. A.)
- Campbell, Leon J., Buchanan, Mich., assignor to Hand's Constant Mesh Transmission Company, Chicago, Ill. Clutch mechanism. 1,902,990; Mar. 28.
- Campbell, Leon W., Atlanta, Ga., assignor to J. B. Sedberry Inc., Utica, N. Y. Mill. 1,915,920; June 27.
- Campbell, Leslie J., Omaha, assignor of one-half to Frederick H. Freeman, Bellevue, Nebr. Lumber display rack. 1,914,241; June 13.

- Campbell, Lorn, jr., Lakewood, Ohio. Process and apparatus for removing protuberances from metal. 1,917,750; July 11.
- Campbell, Lorn, jr., Lakewood, Ohio. Blowpipe. 1,920,965; Aug. 8.
- Campbell, Lorn, jr., Cleveland, Ohio. Land vehicle steering gear. 1,925,712; Sept. 5.
- Campbell, Lottie, administratrix. (See Campbell, Orton C., assignor.)
- Campbell, Louis J., New York, and L. H. Ford and H. G. Rogers, assignors to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute apparatus. 1,899,668; Feb. 28.
- Campbell, Lucette L., New York, N. Y. Woman's tennis cap. Des. 90,101; June 13.
- Campbell, Malcolm D., Detroit, Mich. Optical perimeter. 1,903,502; Apr. 11.
- Campbell, Max E., Los Angeles, Calif., assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Waterproof construction material. 1,894,754; Jan. 17.
- Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
- Campbell, Murry M. (See Hohmann, Anna F. and P. F., and Campbell.)
- Campbell, Norman R., Watford, assignor to The General Electric Company Limited, London, England. Manufacture of photo-electric cathodes. 1,904,895; Apr. 18.
- Campbell, Orton G., deceased, by Lottie Campbell, administratrix, Dallas, Tex. Braille type. 1,931,840; Oct. 24.
- Campbell, Ralph A., (See Bamber, R. F., and Campbell.)
- Campbell, Robert H., Upper Edmonton, London, England. Fire extinguisher. 1,915,182; June 20.
- Campbell, Rodney B. (See Herbsman, A. M., and Campbell.)
- Campbell, Samuel J., Green Bay, Wis. Feeder for blank sheets. 1,940,487; Dec. 19.
- Campbell, Samuel J., assignor of one-half to Hudson-Sharp Machine Company, Green Bay, Wis. Paper folding, winding, and cutting, and mechanism therefor. 1,905,899; Apr. 25.
- Campbell, Samuel J., assignor to Hudson-Sharp Machine Company, Green Bay, Wis. Folded paper towel. 1,911,548; May 30.
- Campbell, Samuel M., Rock Island, Ill. Vending machine. 1,933,137; Oct. 31.
- Campbell, Sterling H., and F. K. Habenicht, assignors to Western Railway Equipment Company, St. Louis, Mo. Forming bolts. 1,896,837; Feb. 7.
- Campbell, Sterling H., F. K. Habenicht, and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Journal bearing for railway cars. 1,918,379; July 18.
- Campbell, Sumner E., Long Beach, Calif. Decolorizing hydrocarbon material. 1,907,318; May 2.
- Campbell, Sumner E., Long Beach, Calif. Decolorizing hydrocarbon distillates. 1,938,094; Dec. 5.
- Campbell, Vergil W., assignor of one-half to V. J. Huffman, Hutchinson, Kans. Swiveled electrical connection. 1,931,600; Oct. 24.
- Campbell, Vernon W., Nashua, N. H. Wall fixture. 1,934,911; Nov. 14.
- Campbell, Wallace H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Method of and apparatus for building pneumatic tire casings. 1,918,320; July 18.
- Campbell, Walter H., Springfield, and W. C. Ellsworth and C. J. Madsen, Chicopee Falls, Mass., assignors to Westinghouse Electric and Manufacturing Company. Built-up condenser plate. 1,905,264; Apr. 25.
- Campbell, Willard, assignor of four-tenths to S. Fouts and one-tenth to R. M. Fouts, Los Angeles, Calif. Device for handling boats and other loads. 1,913,830; June 13.
- Campbell, William B., Nashville, Tenn. Flush-tank lever. 1,902,758; Mar. 21.
- Campbell, William H. (See Burgess, A. F., Blaisdell, and Campbell.)
- Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 1,923,860; Aug. 22.
- Campbell, William S. (See Dugan, F. F., and Campbell.)
- Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
- Campbell, Wyant & Cannon Foundry Company. (See Goldberg, Mark J., assignor.)
- Campi, Bortolo G. (See Scotti, A., Anelotti, and Campi.)
- Camporini, Enea, Chicago, Ill. Bait bucket. 1,897,571; Feb. 14.
- Camps, Harold E. J., London, England. Hull structure of ships and the like. 1,895,879; Jan. 31.
- Camps, Juan P., Sabadell, Spain. Automatic weft replenishing and weft cutting device for looms for weaving. 1,916,359; July 4.
- Campus, Cesare C., Santa Monica, Calif. Siphon jet flushing nozzle, water closet, flushing valve, and bidet combination. 1,928,717; Oct. 3.
- Can, R. C., Company. (See Rutkowski; Walter L., assignor.)
- Canada Valve & Hydrant Company, The. (See Brodsky, Gregory, assignor.)
- Canaday, Miron S., Rochester, Minn., assignor to Reld, Murdoch & Co., Chicago, Ill. Crate for use in retorts. 1,926,799; Sept. 12.
- Canadian Electro Products Company, Limited. (See Blaikie, K. G., and Morrison, assignors.)
- Canadian Research Corporation, The. (See Beaubien, P. D., Schneider, and Dupont, assignors.)
- Canary, James D. (See Hill, Walter M., assignor.)
- Canary, James D., Denver, Colo. Grinding mill. 1,927,277; Sept. 19.
- Canavan, Edward J. (See Moses, F. G., and Canavan, assignors.)
- Candee, Louis H. (See Stewart, A. L., Candee and Carlsen.)
- Candee, Allan H., assignor to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 1,922,756; Aug. 15.
- Candee, Allan H., assignor to Gleason Works, Rochester, N. Y. Producing gears. 1,922,757; Aug. 15.
- Candee, Allan H., and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 1,937,628; Dec. 5.
- Cando Corporation, The. (See Schuh, Charles F., assignor.)
- Candor, Edward R., Montclair, N. J., assignor to The Texas Company, New York, N. Y. Dispensing apparatus. 1,897,299; Feb. 14.
- Candor, Edward R., Montclair, N. J., assignor to The Texas Company, New York, N. Y. Dispensing device. 1,934,225; Nov. 7.
- Candor, Edward R., Montclair, N. J., assignor to The Texas Company, New York, N. Y. Lubricator. 1,936,377; Nov. 21.
- Candor, Robert R., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,899,013; Feb. 28.
- Candor, Robert R., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,904,991; Apr. 25.
- Candor, Robert R., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigeration. 1,934,166; Nov. 7.
- Cane, Gordon F., assignor, by mesne assignments, to Thorn Thompson, San Francisco, Calif. Mounting means for foldable roll-about beds. 1,899,851; Feb. 28.
- Cane, Gordon F., assignor, by mesne assignments, to T. Thompson, San Francisco, Calif. Counterbalancing means for foldable beds. 1,902,619; Mar. 21.
- Cane, Gordon F., assignor, by mesne assignments, to Thorn Thompson, San Francisco, Calif. Bedspring. 1,933,843; Nov. 7.
- Canedy, John D., assignor to Maxwell Steel Vault Company, Oneida, N. Y. Lid-lock for burial caskets. 1,909,753; May 16.
- Canedy, John D., assignor to Maxwell Steel Vault Co., Oneida, N. Y. Handle attachment for sheet metal burial cases. 1,934,035; Nov. 7.
- Canedy, John D., assignor to Maxwell Steel Vault Company, Oneida, N. Y. Burial vault. 1,934,036; Nov. 7.
- Canepa, Christopher, Bronx, N. Y. Clock case. Des. 89,122; Jan. 31.
- Canfield, Allen. (See Connell, M. A., jr., Kelley, and Canfield.)
- Canfield, George W., deceased, Menlo Park, Calif., Anglo-California Trust Company, executor. Fluid-operated pump for wells. 1,929,674; Oct. 10.
- Canfield, Howard M., Detroit, Mich. Dishwashing machine. 1,927,917; Sept. 26.
- Canfield, Kendall E., Jackson Heights, N. Y. Method and mechanism for agitating concrete. 1,934,116; Nov. 7.
- Canfield, Kendall E., New York, N. Y. Handling and transporting freight. 1,921,605; Aug. 8.
- Canfield, Leo D., assignor to Superior Felt & Bedding Company, Chicago, Ill. Mattress. 1,903,619; Apr. 11.
- Canfield Rubber Company. (See Goebel, George, assignor.)
- Canham, Elizabeth G., et al. (See Anderson, Mabel V., assignor.)
- Canino, Joseph, Denver, Colo. Mop holder. 1,934,342; Nov. 7.
- Cannady, Daniel, Edenton, N. C., assignor to H. W. Kulp and M. C. Dellinger, Lancaster, Pa. Tool for extracting king-pins. 1,908,318; May 9.
- Cannard, William H., Green Bay, Wis. Method of and apparatus for making reinforced sheets. 1,934,589; Nov. 7.
- Canning, Alexander H., Unionville, Ontario, Canada. Stooking machine. 1,908,507; May 9.
- Cannon, Guy. (See Heath, S. B., Cannon, and Barstow.)
- Cannon, Harry B., Bradford, Pa. Signal and trouble-finder. 1,904,300; Apr. 18.
- Cannon, Hugh H., assignor to Cannon-Prutzman Treating Processes, Ltd., Los Angeles, Calif. Neutralizing and sweetening gasoline. 1,924,911; Aug. 29.
- Cannon, Hugh H., assignor to Cannon-Prutzman Treating Processes, Ltd., Los Angeles, Calif. Sweetening a petroleum. 1,926,226; Sept. 12.
- Cannon, Hugh H., Los Angeles, Calif., and W. W. Gary, Jersey City, N. J., assignors, by mesne assignments, to Cannon-Prutzman Treating Processes, Ltd., Los Angeles, Calif. Reagent for sweetening petroleum. 1,907,150; May 2.
- Cannon, John W., Plainfield, N. J. Apparatus for burning oil. 1,933,044; Oct. 31.
- Cannon, Phillip D., Philadelphia, Pa., assignor to Johns-Manville Corporation, New York, N. Y. Art of and apparatus for making textile yarns. 1,908,472; May 9.
- Cannon-Prutzman Treating Processes, Ltd. (See Cannon, Hugh H., assignor.)

- Cannon-Prutzman Treating Processes, Ltd. (See Cannon, H. H., and Gary, assignors.)
- Cannon, Roy F., Houston, Tex. Game table. Des. 90,102; June 13.
- Canon, Edward H., McKeesport, Pa. Athletic vestment. 1,939,386; Dec. 12.
- Canon, Frank A., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Chemical apparatus. 1,929,624; Oct. 10.
- Canon, Frank A., New Brunswick, N. J., assignor to Acetol Products Incorporated, New York, N. Y. Glass substitute. 1,933,616; Nov. 7.
- Cansdale, Charles H. (See Scheibli, J. A., and Cansdale.)
- Cansdale, John H., Rugby, England, assignor to General Electric Company. Control system. 1,930,338; Oct. 10.
- Cantacuzene, Servan G., Paris, France. Pressure gauge automatically correcting the temperature. 1,894,366; Jan. 17.
- Cantalupo, Pasquale. (See Lupo, Giacomo, assignor.)
- Canté, Cornelius, Frankfort-on-the-Main, Germany. Electrical heater for circulating water. 1,908,114; May 9.
- Canteen Service Co. (See Hauser, Kenneth D., assignor.)
- Canter, Vernon C., assignor to B. W. Vinson, Tulsa, Okla. Air filter. 1,934,619; Nov. 7.
- Canti, Ronald G., and J. C. Robinson, London, England. Air filter for sterilizers. 1,939,103; Dec. 12.
- Cantine, Holley R., assignor to The Tissue Company. Saugerties, N. Y. Receptacle mat. 1,930,415; Oct. 10.
- Canton, William T., Cartwright, Manitoba, Canada. Weeding attachment to plow. 1,895,375; Jan. 24.
- Canton, Allen A., New York, N. Y. Temperature regulator. 1,939,539; Dec. 12.
- Canton Stamping & Enameling Company, The. (See Bebb, Harry T., assignor.)
- Cantwell, Joseph M., Albany, N. Y. Motor driven blower unit. 1,921,153; Aug. 8.
- Canty, Bert C. (See Linville, D. B., and Canty.)
- Canulette, Frank N., assignor to Canulette Ship Building Co. Inc., Slidell, La. Cushioned crank pin. 1,922,275; Aug. 15.
- Canulette Ship Building Co. Inc. (See Canulette, Frank N., assignor.)
- Capdet, Henri, Toulouse, France. Apparatus for forming sine tracks. 1,903,027; Mar. 28.
- Cape, Arthur T., and K. B. Bowman, Massillon, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Preservation of metallurgical furnace bottoms. 1,894,755; Jan. 17.
- Cape, William H., Cumberland Mills, Me., assignor to S. D. Warren Company, Boston, Mass. Paper making apparatus. 1,902,798; Mar. 21.
- Capelhart Corporation, The. (See Collison, E. E., and Knox, assignors.)
- Capelhart Corporation, The. (See Collison, E. E., and Laner, assignors.)
- Capelhart Corporation, The. (See Darwin, Joseph A., assignor.)
- Capelhart Corporation, The. (See Erbe, Ralph R., assignor.)
- Capelhart Corporation, The. (See Mitchell, John R., assignor.)
- Capelhart Corporation, The. (See Small, Thomas W., assignor.)
- Capelis Safety Airplane Corporation, Limited. (See Younger, John E., assignor.)
- Capell, Carl F., and E. H. Pendleton, assignors to Pencap Corporation, Santa Monica, Calif. Electrical current controlling mechanism. 1,903,285; Apr. 4.
- Capell, William H., Hampton, Va. Aircraft machine gun installation. 1,907,342; May 2.
- Capellman, Hubert J., sr., South Chicago, Ill. Glass grinding and polishing machine. 1,930,383; Oct. 10.
- Capital Heel Lining Company. (See Sadler, Max, assignor.)
- Capital Machine Company. (See Koss, Louis F., jr., assignor.)
- Caplan, Moses, Boston, Mass. Pocket for pot holder. Des. 89,627; Apr. 18.
- Caplan, Moses, Boston, Mass. Container for pot holder. Des. 89,847; May 9.
- Caplan, Samuel, Detroit, Mich. Electrically heated puff iron. 1,928,927; Oct. 3.
- Caplan, Samuel, Detroit, Mich. Electric steam boiler. 1,932,447; Oct. 31.
- Caplan, Solomon, Brooklyn, assignor to Combustion Utilities Corporation, New York, N. Y. Manufacture of low boiling tar acids. 1,904,269; Apr. 18.
- Caplan, Solomon, Brooklyn, assignor to Combustion Utilities Corporation, New York, N. Y. Production of synthetic resins. 1,907,497; May 9.
- Capolupo, Vincent, East Boston, Mass. Trimming attachment. 1,931,103; Oct. 17.
- Cappa, Giulio C., assignor of one-half to Società Anonima Automobili Ansaldo, Turin, Italy. Air-cooled internal combustion engine. 1,903,979; Apr. 18.
- Cappa, Giulio C., assignor of one-half to Società Anonima Automobili Ansaldo, Turin, Italy. Oil cooling arrangement for air cooled internal combustion engines. 1,904,407; Apr. 18.
- Capper, Arthur, trustee. (See Poirot, Eugene M., assignor.)
- Capps, Frank L., Milford, Conn. Radio receiving apparatus. 1,905,216; Apr. 25.
- Capps, Frank L., Milford, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Wire stylus and feeding same. 1,902,057; Mar. 21.
- Cappuccio, Frank, Oakland, Calif. Bathtub. 1,929,480; Oct. 10.
- Capré, Alfred, Aigle, Switzerland. Electromagnetic opening of doors from a distance. 1,935,017; Nov. 14.
- Caprio, Amerigo. (See Walsh, J. F., and Caprio.)
- Caprio, Amerigo F. (See Walsh, J. F., Smith, and Caprio.)
- Caprio, Amerigo F. (See Walsh, J. F., Stevens, Flynn, Caprio, and Alcorn.)
- Caprio, Amerigo F., and W. Bowker, Newark, N. J., assignors to Celluloid Corporation. Printing composition. 1,931,485; Oct. 24.
- Capshaw, Clyde C., Dallas, Tex. Windshield attachment. 1,895,970; Jan. 31.
- Capshaw, Clyde C., Dallas, Tex. Paper box. 1,912,822; June 6.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Color cinematography. 1,897,837; Feb. 14.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color process. 1,905,438; Apr. 25.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Sound and picture record film. 1,912,758; June 6.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film printing. 1,917,360; July 11.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Obtaining images of two different contrasts on a single film with a single development. 1,930,141; Oct. 10.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for making color motion pictures. 1,933,787; Nov. 7.
- Capstan Glass Company. (See Dreyfuss, Henry, assignor.)
- Capstan Glass Company. (See McNamara, William L., assignor.)
- Capstan Glass Company. (See Piazzoli, Theodore J., assignor.)
- Caputo, James V., Girard, Ohio. Electrode. 1,910,882; May 23.
- Caputo, James V., Girard, Ohio. Pipe finishing method and apparatus. 1,919,684; July 25.
- Caputo, James V., Girard, Ohio. Frequency control system for electric welders. 1,933,045; Oct. 31.
- Caradine Hat Company. (See Witteoff, Edward, assignor.)
- Carbide & Carbon Chemicals Corporation. (See Clapsadle, Leo J., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Cox, Henry L., assignor.)
- Carbide & Carbon Chemicals Corporation. (See Cox, H. L., and Greer, assignors.)
- Carbide & Carbon Chemical Corporation. (See Davidson, Joseph G., assignor.)
- Carbide & Carbon Chemicals Corporation. (See Groff, Frazier, assignor.)
- Carbide & Carbon Chemicals Corporation. (See Martin, T. C., and Meyer, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Perkins, Granville A.)
- Carbide and Carbon Chemicals Corporation. (See Reid, Ernest W., assignor.)
- Carbide & Carbon Chemicals Corporation. (See Reid, E. W., and Lewis, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Robertson, Foster, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Shriver, Leland C., assignor.)
- Carbide & Carbon Chem. Corp. (See Toussaint, Walter J., assignor.)
- Carbide & Carbon Chemicals Corporation. (See Young, C. O., and Law, assignors.)
- Carbide & Carbon Chemical Corporation. (See Young, C. O., and Reid, assignors.)
- Carboloy Company, Inc. (See Longwell, James R., assignor.)
- Carbon Monoxide Eliminator Corporation. (See Frazer, J. C. W., and Kassel, assignor.)
- Carbonated Lime Processes Limited. (See Harrison, Arthur H., assignor.)
- Carbonated Lime Processes Limited. (See Harrison, Charles H. and A. H., assignors.)
- Carbondale Machine Co., The. (See Baer, Alvin H., assignor.)
- Carbondale Machine Company. (See Torrance, Henry, assignor.)
- Carbonel, Mariano E., Philadelphia, Pa. Whipper and dispenser. 1,913,189; June 6.
- Carbonfix, Société à Responsabilité Limitée. (See Marek, John I., assignor.)
- Carbo-Oxygen Company. (See Austin, Francis S., assignor.)
- Carborundum Company, The. (See Benner, R. C., Walker, and Soley, assignors.)
- Carborundum Company, The. (See Benner, R. C., Walker, and Wooddell, assignors.)
- Carborundum Company, The. (See Chormann, George W., assignor.)
- Carborundum Company, The. (See Cowie, Harry J., assignor.)
- Carborundum Company, The. (See Forse, E. B., and Geiger, assignors.)

- Carborundum Company, The. (See Hutchins, Otis, assignor.)
- Carborundum Company, The. (See Martin, Harry C., assignor.)
- Carborundum Company, The. (See Newcomb, Edward R., assignor.)
- Carborundum Company, The. (See Nicholson, Kenneth C., assignor.)
- Carborundum Company, The. (See Tone, Frank J., assignor.)
- Carborundum Company, The. (See Tone, F. J., and Hartmann, assignors.)
- Carborundum Company, The. (See Wills, Herbert J., assignor.)
- Carborundum Company, The. (See Wooddell, Charles E., assignor.)
- Carbun, Harold G., and D. F. Lanphier, Genesee, Idaho. Hog finger. 1,932,724; Oct. 31.
- Carburetor Control Company. (See Hess, Harry W., assignor.)
- Card, Charles S., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Forging insulator caps. 1,898,574; Feb. 21.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine for joining fabrics. 1,893,577; Jan. 10.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming mechanism for sewing machines. 1,894,978; Jan. 24.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming mechanism for sewing machines. 1,928,587; Sept. 28.
- Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming mechanism for sewing machines. 1,932,953; Oct. 31.
- Card, Jerome T., and W. C. Holbrook, assignors to Masonite Corporation, Chicago, Ill. Refrigerator construction. 1,933,242; Oct. 31.
- Card, John L., Baltimore, Md., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment press. 1,929,305; Oct. 3.
- Card, John L., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Hat lubricating machine. 1,900,634; Mar. 7.
- Card, John L., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment press. 1,936,288; Nov. 21.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole cementing machine. 1,899,941; Mar. 7.
- Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole roughing machine. 1,939,661; Dec. 19.
- Cardarelli, Eugene J. (See Brooks, B. F., and Cardarelli.)
- Cardarelli, Victor A., Quincy, Mass. Writing pad holder. 1,892,721; Jan. 3.
- Cardel Company, The. (See Dolan, David J., assignor.)
- Cardinal Machine Co. Inc. (See Cardinale, Salvatore, assignor.)
- Cardinal Products, Inc. (See Berthold, Richard E., assignor.)
- Cardinale, Salvatore, Copiague, assignor to Cardinal Machine Co. Inc., New York, N. Y. Machine for affixing frames to bags or purses. 1,920,780; Aug. 1.
- Cardon, Henry, Hillsdale, N. J. Shell lamp. 1,902,991; Mar. 28.
- Cardwell, T. P., et al. (See Jenkins, Wardie J., assignor.)
- Cardwell Westinghouse Company. (See Sproul, Donald F., assignor.)
- Cardwell Westinghouse Company. (See Wildin, George W., assignor.)
- Caretta, Ettore, Turin, Italy. Liquid level indicator. 1,925,747; Sept. 5.
- Carew, Herman, assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Support for stacked articles. 1,922,122; Aug. 15.
- Carew, Herman, assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Paper cup. 1,940,045; Dec. 19.
- Carew, Paul T., Orange, N. J. Prayer card. Des. 88,857; Jan. 3.
- Carey, Arthur G. (See Millet, J. B., McCarthy, and Carey.)
- Carey Brick Company. (See Shelhamer, Lester W., assignor.)
- Carey, Luniel J., Eaton Park, Fla. Separating minerals. 1,893,578; Jan. 10.
- Carey, John, New York, N. Y. Punctureproof tire. 1,923,661; Aug. 22.
- Carey-McFall Company. (See Stuber, Walter J., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Burton, K. H., and Kramer, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Moeller, William J., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Pater, Carl J., assignor.)
- Carey, Philip, Manufacturing Company. (See Small, Horatio L., assignor.)
- Carey Salt Company. (See Kershner, George, assignor.)
- Car-Kra Corporation. (See Fast, August C., assignor.)
- Carl, Alfred. (See Zerweck, W., Schütz, Carl, and Rosenbach.)
- Carl, James W., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,914,075; June 13.
- Carlberg, August E., Worcester, Mass. Adjustable wrench 1,924,023; Aug. 22.
- Carle, Harold, Buffalo, N. Y., assignor to F. N. Burt Company Limited, Toronto, Ontario, Canada. Machine for making paper boxes. 1,915,921; June 27.
- Carleton, Charles D., Cleveland, and A. R. Willard, East Cleveland, assignors to Willard Storage Battery Company, Cleveland, Ohio. Battery plate feeder. 1,915,402; June 27.
- Carleton, Emile J. (See Morin, G. G., and Carleton.)
- Carleton, Robert A., Brooklyn, assignor to National Electric Heating Co., Inc., New York, N. Y. Electric fluid heating apparatus. 1,905,439; Apr. 25.
- Carley, Clarence J. (See Lessig, C., and Carley.)
- Carley, Leonard R., Watertown, Conn. Button. Des. 90,152; June 20.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. Des. 89,167; Feb. 7.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. Des. 89,625; Apr. 18.
- Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Process for finishing or ornamenting metal buttons and the like. 1,915,717; June 27.
- Carley, Leonard R., Watertown, R. B. Scott, Waterbury, Conn., and H. L. Allen, New York, N. Y. Switch. 1,923,613; Aug. 22.
- Carlile, Frank S., Abington, Pa. Battery testing stand. Des. 90,018; May 30.
- Carlin Comforts, Inc. (See May, Walter H., assignor.)
- Carlin, James C., Norristown, assignor to Lee Rubber and Tire Corporation, Conshohocken, Pa. Making inner tubes. 1,905,365; Apr. 25.
- Carlin, James C., Norristown, assignor to Lee Rubber and Tire Corporation, Conshohocken, Pa. Machine for cutting rubber stock. 1,905,366; Apr. 25.
- Carlin, Joseph C., Nashville, Tenn., and C. A. Hochwalt, Dayton, Ohio, assignors to Tennessee Products Corporation, Nashville, Tenn. Prepared resin from wood distillation products. 1,911,489; May 30.
- Carling Tool & Machine Co., The. (See Parsons, Ernest, assignor.)
- Carling Tool & Machine Company. (See Snelson, S. L., and Gale, assignors.)
- Carlisle, Charles J., Coldwater, Mich. Automobile wardrobe. 1,927,735; Sept. 19.
- Carlisle, George L., Kenova, W. Va., assignor to Delta Star Electric Company, Chicago, Ill. High tension switch. 1,922,276; Aug. 15.
- Carlisle, Maurice E., Ben Avon, Pa., assignor to Pittsburgh Plate Glass Company. Glass grinding apparatus. 1,928,005; Sept. 26.
- Carlisle, Paul J., Niagara Falls, N. Y., assignor, by mesne assignments, to The Roessler & Hasslacher Chemical Company. Calcium cyanide. 1,909,042; May 16.
- Carlisle, Paul J., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Manufacture of chloroform. 1,915,354; June 27.
- Carlisle, Paul J., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Treatment of formamide. 1,934,485; Nov. 7.
- Carlisle, Paul J., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Chlorination of methyl chloride. 1,939,292; Dec. 12.
- Carlisle, Paul J., and R. P. Ward, Niagara Falls, assignors to The Roessler & Hasslacher Chemical Company, New York, N. Y. Vapor recovery. 1,905,900; Apr. 25.
- Carlisle, Paul J., and C. Dangelmajer, Niagara Falls, assignors, by mesne assignments, to The Roessler & Hasslacher Chemical Company, New York, N. Y. Evolution of hydrocyanic acid from calcium cyanide. 1,908,319; May 9.
- Carlisle, Richard W., Oaklyn, N. J., and R. W. Nye, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Diaphragms. 1,901,631; Mar. 14.
- Carlisle, William B., et al. (See Colley, George F., assignor.)
- Carloti, Charles, St. Servais-Namur, Belgium. Controlling apparatus for pneumatic tools and the like. 1,913,916; June 13.
- Carlsen, Dudley N., Fresno, Calif. Container. 1,916,037; June 27.
- Carlsen, Leonard O. (See Candee, A. H., and Carlsen.)
- Carlsen, Leonard O. (See Stewart, A. L., Candee and Carlsen.)
- Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Gear cutting machine. 1,925,726; Sept. 5.
- Carlsen, Paul J. (See McKay, H. J., and Carlsen.)
- Carlson, Alex, Spring Valley, N. Y. Combination table and dressing cabinet. 1,938,514; Dec. 5.
- Carlson, Anthony E., Los Angeles, Calif. Well reaming device. 1,893,224; Jan. 3.
- Carlson, Anthony E., Los Angeles, Calif. Adjustable locking tubing tong. 1,921,281; Aug. 8.

- Carlson, Anthony E., Los Angeles, Calif. Rotary bit. 1,938,246; Dec. 5.
- Carlson, Bert G. (See Narvesen, F. C., and Carlson.)
- Carlson, Bert G., Elmhurst, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic pilot for dirigible craft. 1,918,082; July 11.
- Carlson, Bertrand E., Naperville, and J. Studer, St. Charles, Ill. Metal shingle. 1,940,243; Dec. 19.
- Carlson, Carl A., Spokane, Wash. Bottle carrier. 1,913,230; June 6.
- Carlson, Carl J., Chicago, Ill. Antiskid device for vehicles. 1,909,609; May 16.
- Carlson, Carl T., Erie, Pa. Heat exchange apparatus. 1,921,806; Aug. 8.
- Carlson, Carl T., assignor to Erie City Iron Works, Erie, Pa. Steam generator. 1,906,838; May 2.
- Carlson, Charles S., Dumont, N. J. Attachment for printing presses. 1,894,850; Jan. 17.
- Carlson, Charles T., assignor to The Republic Stamping and Enameling Company, Canton, Ohio. Enameled sheet metal cooking receptacle. 1,933,890; Nov. 7.
- Carlson, Chicago, Ill. Curtain stretcher clamp.
- Carlson, Clarence G. (See Wyville, L. J., and Carlson.)
- Carlson, Clarence G., assignor to Chicago Curtain Stretcher. 1,935,310; Nov. 14.
- Carlson, Conrad, Brooklyn, N. Y. Hoisting apparatus. 1,931,978; Oct. 24.
- Carlson, David A., assignor to Art Metal Construction Company, Jamestown, N. Y. Insulated cabinet or receptacle. 1,916,752; July 4.
- Carlson, David E., Chicago, Ill. Motor suspension. 1,917,094; July 4.
- Carlson, Edwin G., East Providence, assignor to A. C. R. Speidel, doing business as Speidel Brothers, Providence, R. I. Adjustable bracelet structure. 1,893,271; Jan. 3.
- Carlson, Edwin G., Riverside, assignor to Speidel Chain Co., Providence, R. I. Chain connecting link. 1,901,345; Mar. 14.
- Carlson, Edwin G., Riverside, assignor to Speidel Chain Co., Providence, R. I. Extension device. 1,905,681; Apr. 25.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Clock case. Des. 89,168; Feb. 7.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Clock. Des. 91,054; Nov. 21.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Wrist watch and the like. 1,905,682; Apr. 25.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Mount for clocks and other instruments. 1,910,149; May 23.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Automatic alarm clock. 1,910,983; May 23.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Clock or the like case. 1,939,762; Dec. 19.
- Carlson, Elof L., assignor to The E. Ingraham Company, Bristol, Conn. Watch and similar timepiece. 1,939,763; Dec. 19.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 89,436; Mar. 14.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 91,055; Nov. 21.
- Carlson, Eric S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 91,056; Nov. 21.
- Carlson, Ernest J., Reading, Pa. Adjustable milk bottle holder for cribs and the like. 1,900,691; Mar. 7.
- Carlson, Frank P., Astoria, N. Y. Printing press. 1,901,284; Mar. 14.
- Carlson, Frederick E., assignor to Landers, Frary & Clark, New Britain, Conn. Weighing scale. 1,932,616; Oct. 31.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Bracket for outlet boxes. 1,893,357; Jan. 3.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Outlet box. 1,895,915; Jan. 31.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Wiring device. 1,900,542; Mar. 7.
- Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Outlet box. 1,902,488; Mar. 21.
- Carlson, Gorham G., Minneapolis, Minn. Window ventilator. 1,917,186; July 4.
- Carlson, Gosta R., Raritan, N. J. Illuminating device for hydrometers and the like. 1,924,024; Aug. 22.
- Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Doorcheck. 1,931,178; Oct. 17.
- Carlson, Gustav W., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Four-wheel drive. 1,928,684; Oct. 3.
- Carlson, Guy W., Van Dyke, Mich. Screen. 1,897,418; Feb. 14.
- Carlson, Harold S., Arlington, N. J. Trouble light. 1,933,965; Nov. 7.
- Carlson, Harry, Chicago, Ill. Scale. 1,893,858; Jan. 10.
- Carlson, Helge E., Saugus, Mass., assignor to General Electric Company. Edgewise winding machine for stator cores. 1,920,154; July 25.
- Carlson, Henry S. (See Edison, T. A., jr., and Carlson.)
- Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Scrap bunch feed. 1,926,227; Sept. 12.
- Carlson, Hjalmar G., Shrewsbury, Mass. Hand rake. 1,909,754; May 16.
- Carlson, Johan A., assignor to L. F. Pratt, Ashland, Mass. Printing machine. 1,931,284; Oct. 17.
- Carlson, John F. (See Howard, C. P., and Carlson.)
- Carlson, John I. W., Scottsdale, Pa. Lock. 1,898,241; Feb. 21.
- Carlson, John W., Chicago, Ill. Golf stroke counter. 1,912,032; May 30.
- Carlson, John W., assignor to Hedmen Manufacturing Company, Chicago, Ill. Check writer. 1,898,030; Feb. 21.
- Carlson, John W., assignor of one-half to H. R. Hedman, Chicago, Ill. Counter. 1,929,622; Oct. 10.
- Carlson, Joseph, Detroit, Mich. Fishing pole. 1,920,966; Aug. 8.
- Carlson, Oscar, Brooklyn, N. Y. Skylight. 1,898,813; Feb. 21.
- Carlson, Oscar, assignor to Reel-Mop Corporation, Minneapolis, Minn. Mop. 1,937,141; Nov. 28.
- Carlson, Oscar A., West Lawn, assignor to D. P. Harris Manufacturing Co., Reading, Pa. Roller skate wheel. 1,895,093; Jan. 24.
- Carlson, Oscar F. (See Paule, William L., and Carlson.)
- Carlson, Oscar F., assignor of one-half to Oscar F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Boiler feed control. 1,934,486; Nov. 7.
- Carlson, Oscar F., Company, et al. (See Carlson, Oscar F., assignor.)
- Carlson, Philip E. (See Ulrich, Carl J., assignor.)
- Carlson, Ralph G., assignor to Crane Co., Chicago, Ill. Externally suspended gland stud. 1,903,028; Mar. 28.
- Carlson, Samuel E., Alhambra, Calif. Battery terminal clamp. 1,920,548; Aug. 1.
- Carlson, Wendell L., Haddonfield, and R. S. Holmes, Haddon Heights, N. J., assignors to General Electric Company. Signal limiting device. 1,917,095; July 4.
- Carlson, Wendell La V., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Thermionic tube amplifier. 1,910,239; May 23.
- Carlsson, Johan, Landskrona, Sweden. Dumping car. 1,921,558; Aug. 8.
- Carlstedt, Fredrik, Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Corporation. Vacuum cleaner. 1,940,244; Dec. 19.
- Carlstedt, Gust A., and H. A. De Land, Edmonds, Wash. Display cabinet. 1,913,231; June 6.
- Carlstedt, Ragnar, Stockholm, Sweden. Hydraulic regulator. 1,911,748; May 30.
- Carlström, Bengt, assignor to Aktiebolaget Facit, Atvidaberg, Sweden. Calculating machine. 1,927,771; Sept. 19.
- Carlton Products. (See Snedaker, Earl R., assignor.)
- Carman & Co. Inc. (See Milburn, Berry, assignor.)
- Carman, Glenn B., et al. (See Appel, Daniel, assignor.)
- Carman, James H., and R. M. Curphey, Kansas City, Mo. Snap mechanism. 1,895,650; Jan. 31.
- Carmer, Dana M., Philadelphia, Pa. Stocking. 1,898,001; Feb. 21.
- Carmer, Dana M., Philadelphia, Pa. Knitted hosiery. 1,921,908; Aug. 8.
- Carmichael, David M., Maplewood, N. J., assignor to The Atlantic Lithographic & Printing Company, New York, N. Y. Display stand. 1,894,902; Jan. 17.
- Carmichael, Duncan, Philadelphia, Pa. Cutting jacquard cards. 1,927,918; Sept. 26.
- Carmichael, William A., Hamden, and F. H. Hart, assignors to C. Cowles and Company, New Haven, Conn. Soap-in lock. 1,896,509; Feb. 7.
- Carmichel, W. L., et al. (See Morris, Pratt C., assignor.)
- Carmiggelt, Bernard. (See Richter, O., and Carmiggelt.)
- Carmillet, Charles, Paris, France. Load lifting and discharging apparatus. 1,914,711; June 20.
- Carmin, Joseph, Philadelphia, Pa. Deterging radiators. 1,908,954; May 16.
- Carmin, Joseph, Philadelphia, Pa. Apparatus for deterging radiators. 1,908,955; May 16.
- Carmine, Benjamin C., Cambridge, Md. Apparatus for cleaning waste pipes. 1,938,064; Dec. 5.
- Carmody, Stephen J., Bellingham, Wash. Cooperative cold and hot-water bib cock. 1,929,054; Oct. 3.
- Carnahan, Glen C., assignor to James B. Clow & Sons, Chicago, Ill. Radiator. 1,900,909; Mar. 14.
- Carnation Company. (See Brooks, William H., assignor.)
- Carnegie, Herbert S. (See Wilson, J. C., and Carnegie.)
- Carnegie Steel Company. (See Conover, Hugh B., assignor.)
- Carnell, Joseph, Washington, D. C. Permanent waving apparatus. 1,923,527; Aug. 22.
- Carnes Artificial Limb Company. (See Carnes, William T., assignor.)
- Carnes, Robert E., Greenville, S. C. Heating system. 1,893,648; Jan. 10.
- Carnes, Samuel J. (See Janis, Soovia, assignor.)
- Carnes, Samuel J., Camden, Ark. Fish bowl. Des. 90,646; Sept. 12.
- Carnes, Samuel J., Camden, Ark. Fish bowl. Des. 90,647; Sept. 12.

- Carnes, William T., assignor to Carnes Artificial Limb Company, Kansas City, Mo. Artificial leg. 1,937,870; Dec. 5.
- Carney, Ephraim L., Murfreesboro, Tenn. Tank cap. 1,903,892; Apr. 18.
- Carnie-Goudie Manufacturing Co., The. (See Goudie, Charles R., assignor.)
- Caro Cloth Corporation. (See Walsh, Patrick H., assignor.)
- Caro, Nikodem, Berlin-Dahlem, A. R. Frank, Berlin-Halensee, R. Wendlandt, and T. Fischer, Plesteritz, near Wittenberg, Germany. Refrigeration. 1,899,259; Feb. 28.
- Caro, Nikodem, Berlin-Dahlem, A. R. Frank, Berlin-Halensee and Hans-Heinrich Franck, Berlin-Charlottenburg, Germany. Preparing cyanamid. 1,922,230; Aug. 15.
- Caro, Nikodem, Berlin-Dahlem, A. R. Frank, Berlin-Halensee, and W. Siebert, R. Wendlandt, and T. Fischer, Plesteritz, Germany. Producing concentrated nitric acid. 1,939,162; Dec. 12.
- Carol Supplies, Inc. (See Bailey, Clarence R., assignor.)
- Carolus, Peter J., St. Joseph, Mo. Lawn mower. 1,899,181; Feb. 28.
- Carolyn Laundry. (See Vita, Charles S., assignor.)
- Caron Corporation. (See Bergaud, Félicie E. A. W., assignor.)
- Caron, Louis G., Washington, D. C. Artificial limb. 1,914,882; June 20.
- Caroselli, Bernard, New York, N. Y. Doorcheck. 1,910,883; May 23.
- Carothers, John N., Anniston, Ala., assignor to Swann Research, Incorporated. Producing diaryl hydrocarbons. 1,907,498; May 9.
- Carothers, John N., Anniston, Ala., assignor to Swann Research, Incorporated. Making a fertilizer. 1,913,791; June 13.
- Carothers, Robert M., and L. W. Thompson, Schenectady, N. Y., assignors to General Electric Company. Regulating system. 1,896,862; Feb. 7.
- Carothers, Wallace H., Fairville, Pa., and J. W. Hill, and F. J. L. Van Natta, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing fermentation glycerol. 1,936,497; Nov. 21.
- Carpe, Allen, New York, N. Y., and F. A. Leibe, Dunellen, N. J., assignors to American Telephone and Telegraph Company. Concentric conductor system. 1,900,976; Mar. 14.
- Carpenter, Albert S. (See Twiss, D. F., Neale, and Carpenter.)
- Carpenter, Arthur W., assignor to United Research Corporation, New York, N. Y. Light sensitive cell. 1,940,245; Dec. 19.
- Carpenter, Carroll E., Western Springs, assignor, by mesne assignments, to United States Gypsum Company, Chicago, Ill. Insulating or wall board product. 1,920,496; Aug. 1.
- Carpenter, Charles E., Chicago, Ill. Doughnut machine and the like. 1,902,058; Mar. 21.
- Carpenter, Charles E., Chicago, Ill. Doughnut machine and the like. 1,909,570; May 16.
- Carpenter, David, Cherryville, N. C. Auxiliary tread for tractors. 1,900,910; Mar. 14.
- Carpenter, David E., assignor to Westinghouse Electric & Manufacturing Company, Springfield, Mass. Edgewood core. 1,920,354; Aug. 1.
- Carpenter, E. W., Manufacturing Company, The. (See Carpenter, Edward W., assignor.)
- Carpenter, E. W., Manufacturing Company, The. (See Carpenter, E. W., La Reau, and Kellogg, assignors.)
- Carpenter, E. W., Manufacturing Company, The. (See Kellogg, H. M., and Ahlbin, assignors.)
- Carpenter, Edward W., Fairfield, assignor to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Making shears. 1,900,413; Mar. 7.
- Carpenter, Edward W., Fairfield, assignor to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Shrub protector. 1,901,700; Mar. 14.
- Carpenter, Edward W., Fairfield, assignor to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Knife sharpener. 1,919,772; July 25.
- Carpenter, Edward W., Fairfield, C. La Reau, Bridgeport, and H. M. Kellogg, Stratford, assignors to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Shade holder. 1,902,947; Mar. 28.
- Carpenter, Elkan B., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Motor compressor mounting. 1,911,804; May 30.
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Corporation, Cleveland, Ohio. Mechanism for driving reels. 1,920,967; Aug. 8.
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Corporation, Cleveland, Ohio. Electric control for motion picture projectors. 1,920,968; Aug. 8.
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Corporation, Cleveland, Ohio. Mechanical movement. 1,920,969; Aug. 8.
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Corporation, Cleveland, Ohio. Cooling means for motion picture projectors. 1,921,214; Aug. 8.
- Carpenter, Ernest S., Cleveland Heights, assignor to The Augustus-Carpenter Corporation, Cleveland, Ohio. Motion picture projector. 1,921,215; Aug. 8.
- Carpenter, Gilbert B., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids. 1,924,763; Aug. 29.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acids. 1,924,766; Aug. 29.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acids. 1,924,767; Aug. 29.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acids. 1,924,768; Aug. 29.
- Carpenter, Gilbert B., Bellemoor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of carboxylic acids. 1,924,769; Aug. 29.
- Carpenter, Gilbert B., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 1,940,674; Dec. 26.
- Carpenter, Grant, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical tachometer. 1,907,343; May 2.
- Carpenter, Guy L. (See McClenny, R. W., and Carpenter.)
- Carpenter, Hezekiah, Denver, Colo. Egg marker and dater. 1,929,304; Oct. 3.
- Carpenter-Hiatt Sales Company, The. (See Hiatt, Enos E., assignor.)
- Carpenter, Howard H., Pasadena, Calif. Refrigerating device. 1,895,971; Jan. 31.
- Carpenter, James W., assignor to The McKay Company, Pittsburgh, Pa. Magazine rack. Des. 89,626; Apr. 18.
- Carpenter, L. E., & Co., Inc. (See Hutchman, James E., assignor.)
- Carpenter, Leroy R., Manheim, Pa. Extracting cow's milk by vacuum. 1,915,516; June 27.
- Carpenter, Louis L. (See Lemon, D. C., and Carpenter.)
- Carpenter, Lynn A. (See Heritage, C. C., Schafer, and Carpenter.)
- Carpenter, Martin R., Chicago, Ill. Ice rink structure. 1,917,634; July 11.
- Carpenter, Oliver K., New Cumberland, W. Va., assignor to The Duraloy Company, Pittsburgh, Pa. Conveyor for furnaces. 1,923,772; Aug. 22.
- Carpenter, Oliver K., New Cumberland, W. Va., assignor to The Duraloy Company, Pittsburgh, Pa. Furnace conveyor shaft. 1,923,773; Aug. 22.
- Carpenter, Ose F., Brightwood, Va. Corner brace for coops and crates. 1,915,215; June 20.
- Carpenter, Paul, Chicago, Ill. Plug valve. 1,923,295; Aug. 22.
- Carpenter, Ruben P., Waverly Hills, Ky. Retinoscope. 1,927,111; Sept. 19.
- Carpenter, Rupert E. H., Croydon, and R. Stansfield, Teddington, England. Apparatus for analysis and measurement of noise and other sounds. 1,907,415; May 2.
- Carpenter, Thomas E. (See West, F. R., and Carpenter.)
- Carpenter, Thomas E., Detroit, Mich., assignor, by mesne assignments, of two-thirds to I. L. Rice, jr., New York, N. Y., and one-third to S. C. Barnes, Detroit, Mich. Apparatus for controlling the flow of refrigerant in refrigerating apparatus. 1,919,500; July 25.
- Carpenter, Webster I., Norfolk, Va. Fluid temperature maintainer. 1,905,343; Apr. 25.
- Carpenter, Webster I., Norfolk, Va. Discharge mechanism for fluid under high pressure. 1,924,637; Aug. 29.
- Carpenter, William C., San Francisco, Calif. Producing carbonized fuel briquettes. 1,908,689; May 16.
- Carpenter, William W. S., Oak Park, assignor to Sanford Manufacturing Co., Chicago, Ill. Mucilage spreader. 1,921,248; Aug. 8.
- Carpentier, Melbourne L. (See Breer, C., and Carpentier.)
- Carpentier, Melbourne L. (See Calkins, W. G., and Carpentier.)
- Carpentier, Romeo J., assignor of twenty-seven and forty one-hundredths to E. De Linge, Rhinelander, Wis. Toothbrush. 1,928,328; Sept. 26.
- Carpentier, Constantine, New Haven, Conn. Arch supporting heel. 1,911,675; May 30.
- Carpos, Joseph, Bridgeport, Conn. Collapsible table. 1,940,117; Dec. 19.
- Carr, Celeta L. (See Carr, Edward G., assignor.)
- Carr, Charles E., and E. E. Schwarz, Cleveland, Ohio. Metal keg. 1,915,183; June 20.
- Carr, Edward G., assignor to Celeta L. Carr, Chicago, Ill. Subgrad scraping machine. 1,897,790; Feb. 14.
- Carr, Frank R., Nashville, Tenn. Hub and brake drum assembly for vehicle wheels. 1,922,568; Aug. 15.
- Carr, George J., San Francisco, Calif. Casing puller and pulling a casing. 1,929,055; Oct. 3.
- Carr, George R. (See Everett, Claud H., assignor.)
- Carr, Helen S., Guardian. (See Carr, William C., jr.)
- Carr, James D., Detroit, Mich., assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Electric light strip. 1,905,143; Apr. 25.
- Carr, John, deceased, Cleveland, Ohio; George H. Forrier, executor. Carburation apparatus. 1,894,607; Jan. 17.
- Carr, John A. (See Steuer, O. A., and Carr.)
- Carr, John D., Humble, Tex. Drill. 1,940,996; Dec. 26.
- Carr, John O., assignor to Teletype Corporation, Chicago, Ill. Remote control system. 1,917,294; July 11.
- Carr, Kenneth W., Oak Park, assignor to Ditto, Inc., Chicago, Ill. Stencil paper. 1,894,731; Jan. 17.

- Carr, Kenneth W., Oak Park, assignor to Ditto Incorporated, Chicago, Ill. Stencil paper. 1,916,203; July 4.
- Carr-Lowrey Glass Co. (See Aiken, George W., assignor.)
- Carr-Lowrey Glass Co. (See Diffenderfer, John K. E., assignor.)
- Carr-Lowrey Glass Company. (See Garwood, Charles B., assignor.)
- Carr-Lowrey Glass Co. (See Patterson, Robert, assignor.)
- Carr, Moses F., Lexington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener. 1,896,044; Jan. 31.
- Carr, Moses F., Lexington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable fastening member and installation thereof. 1,906,448; May 2.
- Carr, Moses F., Lexington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener installation. 1,917,825; July 11.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener slide socket. 1,923,050; Aug. 15.
- Carr, Moses F., Lexington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable fastener installation. 1,928,588; Sept. 26.
- Carr, Moses F., Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Swivel. 1,936,378; Nov. 21.
- Carr, Raymond L., Boston, Mass. Closure wall construction. 1,909,167; May 16.
- Carr, Raymond L., Boston, Mass. Convertible body. 1,909,168; May 16.
- Carr, Raymond L., Boston, Mass. Vehicle body. 1,909,169; May 16.
- Carr, Raymond L., Boston, Mass. Vehicle body. 1,913,583; June 13.
- Carr, Raymond L., Boston, Mass. Vehicle body. 1,923,077; Aug. 22.
- Carr, Raymond L., Boston, Mass. Vehicle body. 1,931,572; Oct. 24.
- Carr, Raymond L., Boston, Mass. Vehicle control arrangement. 1,929,409; Oct. 10.
- Carr, Richard H., and C. B. Watson, assignors to The Pure Oil Company, Chicago, Ill. Distilling retort for solid fuels. 1,910,238; May 23.
- Carr, William C., sr. (See Carr, William C., jr., assignor.)
- Carr, William C., jr., Richmond, Va., Helen S. Carr, guardian, assignor to William C. Carr, sr. Glare screen. 1,920,185; Aug. 1.
- Carr, William V., Charlestown, Mass. Bathing belt. 1,920,061; July 25.
- Carrabher, Owen J., Yonkers, N. Y. Testing device for lead bends or the like. 1,909,251; May 16.
- Carraway, Thomas W., Chicago, Ill., assignor to General Fire Extinguisher Company, Providence, R. I. Thermostatically controlled valve. 1,905,683; Apr. 25.
- Carrel, Frank G., Western Springs, assignor, by mesne assignments, to Calumet Steel Company, Chicago, Ill. Fence post puller. 1,916,463; July 4.
- Carrel, Frank G., Western Springs, assignor, by mesne assignments, to Calumet Steel Company, Chicago, Ill. Fence construction. 1,924,834; Aug. 29.
- Carreras, Ricardo S., Barcelona, Spain. Treatment of complex cobaltic ores. 1,928,340; Sept. 26.
- Carrie, James, assignor to F. W. Preston, Butler, Pa. Wire netting for wire glass. 1,914,007; June 13.
- Carrier Corporation. (See Carter, William D., assignor.)
- Carrier Engineering Company Limited. (See Robertson, Kenneth J. R., assignor.)
- Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
- Carrier Engineering Corporation. (See Le Grand, Joseph M., assignor.)
- Carrier Engineering Corporation. (See Lewis, Leo L., assignor.)
- Carrier Engineering Corporation. (See Stacey, A. E., jr., Lewis and Smith, assignors.)
- Carrier Engineering Corporation. (See Schmidt, George G., assignor.)
- Carrier, George B., Hudson, assignor to Firestone Footwear Company, Boston, Mass. Bathing sandal. Des. 90,697; Sept. 19.
- Carrier Research Corporation. (See Carrier, W. H., and Lea, assignors.)
- Carrier Research Corporation. (See French, Donald, assignor.)
- Carrier Research Corporation. (See Koch, Arthur L., assignor.)
- Carrier Research Corporation. (See Lewis, A. T., and French, assignors.)
- Carrier Research Corporation. (See Lewis, Thornton, assignor.)
- Carrier Research Corporation. (See Marshall, Henry H., assignor.)
- Carrier, Willis H., Essex Fells, assignor to Carrier Engineering Corporation, Newark, N. J. Sealing and thrust balancing means. 1,903,210; Mar. 28.
- Carrier, Willis H., Essex Fells, N. J., and E. S. Lea, Morrisville, Pa., assignors, by mesne assignments, to Carrier Research Corporation, Newark, N. J. Heat exchange device and making the same. 1,898,713; Feb. 21.
- Carrigan, Ray, Ensley, Ala. Blast furnace hot blast stove. 1,915,880; June 27.
- Carroll, Alexander W. (See Alexander, H. H., and Carroll.)
- Carroll, Cecil J., Stelton, assignor to Nixon Nitration Works, Nixon, N. J. Manufacturing celluloid tubing. 1,930,995; Oct. 17.
- Carroll, Elbert H., West Boylston, Mass. Container for wrenches and the like. 1,916,918; July 4.
- Carroll, Ellsworth W., San Francisco, assignor to Kalif Corporation, Emeryville, Calif. Bearing brushing press. 1,937,810; Dec. 5.
- Carroll, Emil J., Cincinnati, Ohio. Continuous pressing machine. 1,896,479; Feb. 7.
- Carroll, Francis J., New Bedford, Mass. Printing roller. 1,906,738; May 2.
- Carroll, Fred M. (See Ogsbury, J. S., and Carroll.)
- Carroll, Fred M., Yonkers, assignor to The Tabulating Machine Company, Endicott, N. Y. Printing mechanism for tabulating machines. 1,909,571; May 16.
- Carroll, Fred M., Yonkers, assignor to The Tabulating Machine Company, Endicott, N. Y. Printing mechanism. 1,916,964; July 4.
- Carroll, Fred M., Yonkers, assignor to The Tabulating Machine Company, Endicott, N. Y. Printing mechanism for accounting machines. 1,921,453; Aug. 8.
- Carroll, Fred M., Yonkers, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Split automatic control system. 1,939,040; Dec. 12.
- Carroll, Hezekiah W., jr., assignor to Autographic Register Company, Hoboken, N. J. Manifold machine. 1,938,317; Dec. 5.
- Carroll, John, and M. L. Hunker, assignors to The Reaves Manufacturing Company, Dover, Ohio. Galvanizing machine. 1,925,134; Sept. 5.
- Carroll, John J., Norfolk, Va. Automatic attachment or holder for fire extinguishers. 1,936,007; Nov. 21.
- Carroll, John R., Urbana, Ill. Rigging tool. 1,911,429; May 30.
- Carroll, Joseph, and I. Levy, Brooklyn, N. Y. Motor reversing mechanism. 1,936,572; Nov. 28.
- Carroll, Joseph E., St. Louis, and F. H. Le Compte, St. Louis County, assignors of one-fifth to Raymond B. Carroll, Mexico, Mo. Automatic liquid temperature control and apparatus for carrying same into effect. 1,930,789; Oct. 17.
- Carroll, Joseph W., assignor to P. Carroll & Sons, Philadelphia, Pa. Water heater. 1,921,807; Aug. 8.
- Carroll, Monroe W., assignor to W. M. Carroll, Beaumont, Tex. Hydraulic operating mechanism. 1,897,002; Feb. 7.
- Carroll, P., & Sons. (See Carroll, Joseph W., assignor.)
- Carroll, Raymond B. (See Carroll, J. E., and Le Compte, assignors.)
- Carroll, Stewart J. (See Smith, H. B., and Carroll.)
- Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulosic composition of matter containing paraldehyde. 1,899,078; Feb. 28.
- Carroll, Thomas E. (See Keeler, William W., assignor.)
- Carroll, William M. (See Carroll, Monroe W., assignor.)
- Carroll, William M., Dayton, assignor to A. Davis, jr., Cincinnati, Ohio. Recording device for liquid dispensing apparatus. 1,940,656; Dec. 19.
- Carrom Company. (See Beiger, John W., assignor.)
- Carrom Company, The. (See Beiger, John W., assignor.)
- Carruthers, Frederick B., assignor of one half to W. H. Large, San Francisco, Calif. Portable glass cutting and dressing machine. 1,906,739; May 2.
- Carruthers, John G. (See Melcher, Harry G., assignor.)
- Carse, Orlando M., Maple Heights, Ohio. Apron for car dumpers. 1,905,367; Apr. 25.
- Carson, Benjamin R., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Turntable drive. 1,899,669; Feb. 28.
- Carson, Francis L., assignor to The Pacific Lumber Company, San Francisco, Calif. Artificial board and producing same. 1,912,511; June 6.
- Carson, Frank, Detroit, Mich. Refrigerator buffet. Des. 90,103; June 13.
- Carson, Frederic L., and W. Bowermaster, San Antonio, Tex. Grease gun. 1,922,277; Aug. 15.
- Carson, Marshall M., Norman, Okla. Calking and glazing gun. 1,929,306; Oct. 3.
- Carson, Oswald B., Greenburg, N. Y. Spectacles. 1,904,852; Apr. 18.
- Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Display stand. 1,937,142; Nov. 28.
- Carson Pirie Scott & Company. (See Gottstein, Lewis, assignor.)
- Carson, William W., jr., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Pressure controlled valve. 1,917,698; July 11.
- Carson, William W., jr., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Thermostatic device. 1,936,324; Nov. 21.
- Carson, William W., jr., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 1,936,325; Nov. 21.
- Carson, William W., jr., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Air conditioning apparatus. 1,936,326; Nov. 21.
- Carstensen, William A., Winthrop, Mass. Device for preventing collapse of nursing nipples. 1,918,633; July 18.
- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Road grader. 1,922,880; Aug. 15.

- Carswell, Firman L., and O. W. Schmidt, Kansas City, Mo. Culvert. 1,928,480; Sept. 26.
- Carswell, Thomas S., Kirkwood, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Plastic and resinous compositions of matter and making same. 1,924,396; Aug. 29.
- Carswell, Thomas S., E. T. Stehly, and N. J. G. Alozerij, assignors to Monsanto Chemical Works, St. Louis, Mo. Producing esters. 1,905,144; Apr. 25.
- Carswell, Thomas S., and W. Gump, assignors, by mesne assignments, to Monsanto Chemical Company. N-substituted aryl-sulphonamides and producing same. 1,916,604; July 4.
- Cartelli, Joseph, Hartford, Conn. Collision preventing system. 1,936,618; Nov. 28.
- Carter, Albert S. (See Calcott, W. S., and Carter.)
- Carter, Albert S. (See Calcott, W. S., Carter, and Downing.)
- Carter, Albert S. (See Downing, F. B., Carter, and Hut-ton.)
- Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrating vinyl acetylene. 1,896,161; Feb. 7.
- Carter, Albert S., Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer of vinyl acetylene and producing the same. 1,896,162; Feb. 7.
- Carter, Alick L., assignor to G. P. Carter, Buffalo, N. Y. Pump. 1,925,788; Sept. 5.
- Carter, Alva J., assignor to Carter Radio Company, Chicago, Ill. Switch. 1,893,613; Jan. 10.
- Carter, Andrew G., Grand Rapids, Mich. Band-saw guide. 1,929,806; Oct. 10.
- Carter, Andrew G., assignor to The Carter Products Company, Inc., Grand Rapids, Mich. Apparatus for manufacturing band saw wheel tires and the like. 1,898,031; Feb. 21.
- Carter, Andrew G., assignor to Carter Products Company, Inc., Grand Rapids, Mich. Apparatus for forming tires. 1,914,487; June 20.
- Carter, Arthur, assignor of one-half to J. Lees, Birmingham, England. Retarding or pressure controlling device. 1,897,462; Feb. 14.
- Carter, Arthur F., and M. J. Hynes, Chicago, and J. C. Cronin, Oak Park, Ill., assignors to Arco Vacuum Corporation, New York, N. Y. Squeegee machine. 1,905,440; Apr. 25.
- Carter, August J., and M. S. Duke, assignors to Carter Brothers, Inc., Chattanooga, Tenn. Tufted rug. 1,936,347; Nov. 21.
- Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Cleaning contact material. 1,936,154; Nov. 21.
- Carter Brothers, Inc. (See Carter, A. J., and Duke, assignors.)
- Carter, Byron B., Hinsdale, Ill. Dry pipe valve for automatic sprinkler systems. 1,911,107; May 23.
- Carter Carburetor Corporation. (See Ericson, George R., assignor.)
- Carter Carburetor Corporation. (See Henning, Otto, assignor.)
- Carter Carburetor Corporation. (See Kommer, F. A., and Henning, assignors.)
- Carter, Charles, Hunts Cross, Liverpool, assignor to Imperial Chemical Industries Limited, London, England. Manufacture of bleaching powder. 1,925,627; Sept. 5.
- Carter, Daniel G., and G. G. Highland Park, Mich. Device for cleaning waste and drain pipes. 1,900,275; Mar. 7.
- Carter, Douglas S., Scarsdale, assignor to The Superheater Company, New York, N. Y. Superheater with temperature control. 1,941,246; Dec. 26.
- Carter, Emmett F., Laurelton, assignor to United Research Corporation, Long Island City, N. Y. Amplifier system and method. 1,915,645; June 27.
- Carter, Frank H., assignor to Lucinda Carter, Taft, Calif. Locking device. 1,915,014; June 20.
- Carter, Fred A., et al. (See Sperling, Oscar, assignor.)
- Carter, Fred M., Concord, N. H. Portable insulated building. 1,913,066; June 6.
- Carter, George F. (See Foothorap, H. A., Bolton, and Carter.)
- Carter, George U., Orange, Calif. Tube paste dispenser. 1,916,944; July 4.
- Carter, Grace P. (See Carter, Alick L., assignor.)
- Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Ore. Hopper for stokers. 1,928,962; Oct. 3.
- Carter, Haskell C., and M. C. Richardson, assignor to Iron Fireman Manufacturing Company, Portland, Ore. Over-lapping screw ash remover. 1,933,656; Nov. 7.
- Carter, Herbert F., Roselle Park, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Heating system. 1,920,186; Aug. 1.
- Carter, Guy G. (See Carter, Daniel G. and G. G.)
- Carter, Henry C., Dearborn, Mich. Steel for guitars and the like. 1,909,456; May 16.
- Carter, Herbert F., Roselle Park, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for preparing and handling molten materials. 1,904,853; Apr. 18.
- Carter, Horace J., Brenford, assignor to Bond Manufacturing Corporation, Wilmington, Del. Automatic machine for making bottle caps. 1,940,581; Dec. 19.
- Carter, James P., and G. R. McAlpine, Oklahoma City, Okla. Hydraulic air jet. 1,936,246; Nov. 21.
- Carter, John F., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun. Des. 89,678; Apr. 25.
- Carter, John F., assignor to The Aro Equipment Corporation, Bryan, Ohio. Power unit for individual lubricant guns. 1,918,833; July 18.
- Carter, Leslie F. (See Sperry, E. A., jr., and Carter.)
- Carter, Lucinda. (See Carter, Frank H., assignor.)
- Carter, Nathan A., Memphis, Tenn. Trailer body. 1,922,027; Aug. 15.
- Carter, Pauline F., Brookline, Mass. Clothes drier. 1,900,796; Mar. 7.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electric circuit. 1,909,610; May 16.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Rotatable antenna system. 1,918,180; July 11.
- Carter, Philip S., Stony Brook, and J. L. Finch, Rocky Point, N. Y., assignors to Radio Corporation of America. Measuring electrical energy. 1,897,237; Feb. 14.
- Carter Products Company. (See Carter, Andrew G., assignor.)
- Carter Radio Company. (See Carter, Alva J., assignor.)
- Carter, Ralph H. (See Byron, T. H., and Carter.)
- Carter, Ralph H. (See Currie, J. N., and Carter.)
- Carter, Ralph H. (See Elssner, R., and Carter.)
- Carter, Ralph H. (See Gollong, R. J., and Carter.)
- Carter, Ralph H. (See Oppenlaender, O. O., and Carter.)
- Carter, Ralph H., Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Flanged spool and holder therefor. 1,901,226; Mar. 14.
- Carter, Ralph H., Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Spool holder. 1,918,518; July 18.
- Carter, Ralph H., Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Stroke changing mechanism. 1,927,307; Sept. 19.
- Carter, Raymond S., and H. G. Dick, assignors to The Good-year Tire & Rubber Company, Akron, Ohio. Manufacturing belts. 1,924,083; Aug. 22.
- Carter, Robert O. (See Sandeman, E. K., and Carter.)
- Carter, Russell, Washington, D. C. Cracking and distilling fuels. 1,903,749; Apr. 11.
- Carter, Russell, Washington, D. C. Heating unit for hydrogenous and carbonaceous values recovery. 1,915,567; June 27.
- Carter, Russell S., Hewlett, N. Y. Fountain pen. 1,893,579; Jan. 10.
- Carter, Russell S., Hewlett, N. Y. Spring suspension. 1,911,490; May 30.
- Carter, Samuel C., Los Angeles, Calif. Vehicle drive. 1,897,944; Feb. 14.
- Carter, Samuel C., Los Angeles, Calif. Transmission. 1,905,145; Apr. 25.
- Carter, William C., Flint, Mich. Carburetor. 1,896,390; Feb. 7.
- Carter, William C., Flint, Mich. Switch for electric circuits. 1,933,046; Oct. 31.
- Carter, William D., Caldwell, N. J., assignor to Airite Corporation, New York, N. Y. Humidifier. 1,892,694; Jan. 3.
- Carter, William D., Caldwell, assignor to Carrier Corporation, Newark, N. J. Fluid pumping and mixing device. 1,906,740; May 2.
- Carter, William K. (See Ringel, C., and Carter, assignors.)
- Carter, William T., Chicago, Ill. Automobile servicing machine. 1,903,905; Apr. 18.
- Carteret, Paul A., Neuilly-sur-Seine, France. Suspension spring. 1,902,394; Mar. 21.
- Cartier, Societe Anonyme. (See Desouches, Gerard, assignor.)
- Cartier, Societe Anonyme. (See Lenfant, Louis, assignor.)
- Cartier, Societe Anonyme. (See Vidal, Andre, assignor.)
- Cartmell, John, assignor to C. R. C. Air Cleaner Co., Spokane, Wash. Air cleaner device. 1,914,681; June 20.
- Carton, Arthur, et al. (See Carton, Lee C., assignor.)
- Carton, Lee C., Detroit, assignor to A. Carton, J. H. Henderson, J. E. Montgomery, and E. Trimble, Toronto, and T. Watson, Woodstock, Ontario, Canada. Cement block molding machine. 1,905,619; Apr. 25.
- Cartoning Machinery Corporation. (See Hohl, George I., assignor.)
- Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Screw thread device. 1,937,547; Dec. 5.
- Cartwell, John, Spokane, Wash. Air cleaner. 1,926,433; Sept. 12.
- Cartwright, Dale P., Rochester, N. Y. Freezing preventing means for liquid containers. 1,916,038; June 27.
- Caruzzi, Achille, and C. Paoloni, Brescia, Italy. Manufacture of chloride of lime. 1,910,001; May 23.
- Caruso, Louis. (See Cowen, J. L., and Caruso.)
- Caruso, Louis, Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Socket for toy locomotive headlights. 1,932,510; Oct. 31.
- Caruso, Mario, Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Electromagnetically operated track switch for toy railroads. 1,919,272; July 25.
- Caruso, Rocco, Brooklyn, N. Y. Shoe dauber. 1,910,984; May 23.

- Caruso, Santi T., Ardmore, Pa. Cord attaching device for curtain and portiere traversers. 1,898,938; Feb. 21.
- Carvalho, Leslie R. N., assignor to The Closure Service Company, Toledo, Ohio. Cap for jars. 1,912,969; June 6.
- Carver Cotton Gin Company. (See McLean, Robert W.)
- Carver, Donald C., Charleston, W. Va. Automatic gas valve. 1,941,163; Dec. 26.
- Carver, Edgar M., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft bearing. 1,931,055; Oct. 17.
- Carver, Vern E., assignor of one-fourth to V. E. Ruth, of one-fourth to L. W. Shanessy, and one-fourth to L. H. Triplett, Chicago, Ill. Spring lubricating tool. 1,915,269; June 27.
- Carveth, Hector E., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Black finishing metal articles. 1,937,629; Dec. 5.
- Carvin, George M., Mount Lebanon Township, Allegheny County, Pa., assignors to The Koppers Company of Delaware. Gas purification. 1,932,812; Oct. 31.
- Cary, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Cary Products Company. (See McFaul, Joseph H., assignor.)
- Casablancas, Fernando, Sabadell, Spain. Drawing mechanism for textile rovings. 1,917,699; July 11.
- Casablancas, Fernando, Sabadell, Spain. Condensing or reducing device for textile slivers. 1,926,475; Sept. 12.
- Casani, Santos, London, England. Liquid depth regulator for baths, tanks, and the like. 1,920,062; July 25.
- Cascadden, Earle S., Lapel, Ind. Jig-saw puzzle blank. Des. 90,798; Oct. 3.
- Cascadden, Earle S., Lapel, Ind. Jig-saw puzzle blank. Des. 90,799; Oct. 3.
- Cascadden, Earle S., Lapel, Ind. Jig-saw puzzle blank. Des. 90,800; Oct. 3.
- Cascadden, Earle S., Lapel, Ind. Jig-saw puzzle blank. Des. 91,130; Dec. 5.
- Case, Charles Z., London, England, assignor to Eastman Kodak Company, Rochester, N. Y. Film spool for roll-holding cameras. 1,921,559; Aug. 8.
- Case, Charles Z., London, England, assignor to Eastman Kodak Company, Rochester, N. Y. Film spool for roll-film cameras. 1,921,560; Aug. 8.
- Case, Charles Z., London, England, and P. R. Ord, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 1,933,788; Nov. 7.
- Case, Ethel C., Brooklyn, and H. C. Henderson, East Moriches, N. Y. Protective cover for bedpans and similar articles. 1,918,083; July 11.
- Case, Francis M., Cleveland, Ohio, assignor to The Hoover Company. Suction cleaner. 1,895,507; Jan. 31.
- Case, Francis M., assignor, by mesne assignments, to The Cinderella Washing Machine Company, Cleveland, Ohio. Washing machine. 1,927,433; Sept. 19.
- Case, Frank E., Erie, Pa., assignor to General Electric Company. Constant level lubricating device for bearings. 1,905,799; Apr. 25.
- Case, George B., Brooklyn, and P. J. Salmon, St. Albans, assignors to The Industrial Home for the Blind, Brooklyn, N. Y. Article-retaining container. 1,913,105; June 6.
- Case, J. I., Company. (See Boda, Joseph E., assignor.)
- Case, J. I., Company. (See Brown, James S., assignor.)
- Case, J. I., Company. (See Ceraldson, Gerald, assignor.)
- Case, J. I., Company. (See Clausen, Leon R., assignor.)
- Case, J. I., Company. (See Crawford, John F., assignor.)
- Case, J. I., Company. (See Geraldson, Gerald, assignor.)
- Case, J. I., Company. (See Hendricks, Simeon B., assignor.)
- Case, J. I., Company. (See Huddle, Edwin F., assignor.)
- Case, J. I., Company. (See Krause, Norman R., assignor.)
- Case, J. I., Company. (See MacGregor, Wallace F., assignor.)
- Case, J. I., Company. (See MacGregor, W. F., and Krause, assignors.)
- Case, J. I., Company. (See MacGregor, Wallace F., and Richardson, assignors.)
- Case, J. I., Company. (See Rutter, Alvah E., assignor.)
- Case, J. I., Company. (See Traphagen, Harry R., assignor.)
- Case, John J., Bound Brook, assignor to John Waldron Corporation, New Brunswick, N. J. Paper and textile machinery. 1,925,949; Sept. 5.
- Case, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Floor covering. 1,925,302; Sept. 5.
- Case, Philip S., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Production of coatings. 1,909,252; May 16.
- Case Research Laboratory, Inc. (See Case, T. W., and Couch, assignors.)
- Case Research Laboratory, Inc. (See Case, Theodore W., assignor.)
- Case, Theodore W., assignor to Case Research Laboratory, Incorporated, Auburn, N. Y. Sound picture apparatus. 1,896,682; Feb. 7.
- Case, Theodore W., assignor to Case Research Laboratory, Inc., Auburn, N. Y. Glow lamp. 1,923,051; Aug. 15.
- Case, Theodore W., assignor to Case Research Laboratory Inc., Auburn, N. Y. Photo-electric tube and producing the same. 1,935,939; Nov. 21.
- Case, Theodore W., assignor to Case Research Laboratory, Inc., Auburn, N. Y. Condenser light. 1,935,940; Nov. 21.
- Case, Theodore W., and F. L. Couch, assignors to Case Research Laboratory, Inc., Auburn, N. Y. Treating trees and the product thereof. 1,941,431; Dec. 26.
- Case, William. (See Brady, C. V., and Case.)
- Casein Manufacturing Company of America, The. (See Bradshaw, Lawrence, assignor.)
- Casein Manufacturing Company of America, Inc., The. (See Dunham, Henry V., assignor.)
- Casey, Edward R., Brockton, Mass. Shoe. Des. 89,123; Jan. 31.
- Casey, Frank E., Chicago, Ill., assignor to National Pneumatic Company, New York, N. Y. Fuel tank filling and protecting device. 1,911,987; May 30.
- Casey, Howard T., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,922,018; Aug. 8.
- Casey, Karl W., Casey, Wash. Brooder. 1,936,978; Nov. 28.
- Casey, Thomas W., Fairlawn, Ohio. Bathing cap. 1,931,486; Oct. 24.
- Casey, William F. (See Pullen, R. S., Casey, and Thomas.)
- Casgrain, Wilfred V. (See Black, Nolan S., assignor.)
- Casgrain, Wilfred V. (See Black, N. S., and Casgrain.)
- Cash, A. W., Company. (See Temple, Paul C., assignor.)
- Cash, A. W., Company. (See Terry, Charles M., assignor.)
- Cash, Arthur L., Marine City, Mich. Control mechanism for motor vehicles. 1,919,930; July 25.
- Cash, Gentry, assignor to Standard Oil Company, Whiting, Ind. Converting high boiling hydrocarbon oils into lower boiling hydrocarbon oils. 1,896,728; Feb. 7.
- Cash, J. and J., Incorporated. (See Bardos, Stephen, assignor.)
- Cash Protector Company, The. (See Bell, Ernest E., assignor.)
- Casingena, Joseph, New York, and L. Lipkowitz, Brooklyn, N. Y. Electric plug. 1,926,936; Sept. 12.
- Casler, Herman, Canastota, N. Y. Lathe chuck. 1,909,658; May 16.
- Caspari, Rudolph, Uerdingen-Niederrhein, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Manufacture of chromium oxide and chromium hydroxide. 1,893,761; Jan. 10.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,910,240; May 23.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,926,800; Sept. 12.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Drag link. 1,929,807; Oct. 10.
- Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Oscillatory joint. 1,921,102; Oct. 17.
- Casper, Caroline, Boston, Mass. Back hair confiner. 1,919,318; July 25.
- Casper, Louis, Richmond Hill, N. Y. Loading vehicle. 1,920,243; Aug. 1.
- Casper, Louis H., et al. (See Manvell, Edwin H., assignor.)
- Casperson, John L., Pasadena, Calif. Combined tractor and soil pulverizer. 1,930,507; Oct. 17.
- Cass, John L., Garden City, and B. Kreuzer, Rockaway Park, N. Y., assignors to Radio Corporation of America. Moving picture screen. 1,898,995; Feb. 28.
- Cass, Max L., assignor of four-tenths to T. Gutmann, Pasadena, Calif. Mop. 1,920,355; Aug. 1.
- Cassedy, William F., jr. (See Coe, E. R. C., and Cassedy.)
- Cassedy, William F., jr. (See Coe, E. R. C., and Cassedy, jr.)
- Cassedy, William F., jr., Millburn, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Step-by-step transmitter. 1,895,094; Jan. 24.
- Cassedy, William F., jr., Millburn, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Relay mounting. 1,940,844; Dec. 26.
- Cassegrain, Pierre A. G., Rennes, France. Process and apparatus for edging cardboard articles and similar objects. 1,929,137; Oct. 3.
- Cassell, John A., assignor to The Sunterbach Company, Adrian, Mich. Article case. 1,899,311; Feb. 23.
- Cassell, William L., Kansas City, Mo., assignor to American Blower Corporation, Detroit, Mich. Heating, ventilating, and air conditioning. 1,895,444; Jan. 31.
- Cassidy, Perry R. (See Lucke, C. E., and Cassidy.)
- Cassidy, Perry R., Short Hills, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Cross drum boiler. 1,940,786; Dec. 26.
- Cassidy, Philip J., assignor to A. P. Dorsey, Poughkeepsie, N. Y. Electric outlet molding. 1,929,547; Oct. 10.
- Cassidy, Samuel M. (See Garcia, J. A., and Cassidy.)
- Cassin, Patrick. (See Belsey, S., and Cassin.)
- Cassini, Louis, Columbus, Ohio. Crayon sharpener. 1,920,957; Aug. 8.
- Cassity, Isaac N., Topeka, Kans. Reflecting bioscope attachment for optical instruments. 1,930,306; Oct. 10.
- Cassley, William J., and J. W. Brundage, assignors to The Summit Mold and Machine Company, Akron, Ohio. Tire repair vulcanizer. 1,925,993; Sept. 5.

- Casswell, Richard H., deceased, Portland, Oreg.; Julia H. Birkenbeul, administratrix. Identification system. 1,893,225; Jan. 3.
- Castellano, Gennaro and O. Esposito, New York, N. Y. Waterproof cigarette case. Des. 90,476; Aug. 15.
- Caster, John E. (See Hopkins, C. W., and Caster.)
- Casterline, David M., assignor to Wayne Company. Fort Wayne, Ind. Expansion chamber. 1,923,912; Aug. 22.
- Castiaux, Victor, Bobigny, France. Device for undulation of hair. 1,906,898; May 2.
- Castle, A. M., & Co. (See Castle, Alfred C., assignor.)
- Castle, Alfred C., Lake Forest, Ill., assignor to A. M. Castle & Co. Welding electrode. 1,902,948; Mar. 28.
- Castle, Alfred C., Lake Forest, Ill., assignor to A. M. Castle & Co. Welding electrode. 1,936,348; Nov. 21.
- Castle, Alfred C., Lake Forest, Ill., assignor to A. M. Castle & Co. Material for coating welding rods. 1,936,349; Nov. 21.
- Castle, John H., assignor to Wilmot Castle Company, Rochester, N. Y. Water filler for sterilizers. 1,909,336; May 16.
- Castle, Wilmot V., assignor to Wilmot Castle Co., Rochester, N. Y. Sterilizing apparatus. 1,902,687; Mar. 21.
- Castlen, Robert C., assignor to Palm Beach Garment Company, West Palm Beach, Fla. Waist band construction. 1,902,116; Mar. 21.
- Castner, Willis H., Cornwall, Pa., assignor to Bethlehem Steel Company. Fastening device. 1,927,389; Sept. 19.
- Casto, Lloyd V., Detroit, Mich., and G. von Webern, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Apparatus for decorating inside surfaces of frames and the like. 1,908,011; May 9.
- Caston, Johnnye L., assignor to The Sterling Company, Chicago, Ill. Dress. Des. 89,115; Jan. 24.
- Caston, Johnnye L., assignor to The Sterling Company, Chicago, Ill. Dress. Des. 90,434; Aug. 8.
- Caston, Mary L., assignor to The Sterling Company, Chicago, Ill. Dress. Des. 91,131; Dec. 5.
- Castricone, John A. (See Peter, E. C., and Castricone.)
- Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass., John B. Pierce and Charles A. Dana, receivers. Method of and machine for testing materials. 1,923,296; Aug. 22.
- Castro, Manuel, Canton, Ohio. Cargo handling apparatus for aircraft and the like. 1,935,077; Nov. 14.
- Castro, Manuel N., Mexico City, Mexico. Mechanical system. 1,929,307; Oct. 3.
- Castro, Rudolph. (See Dunn, Edward W., assignor.)
- Caswell, Arthur E., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,923,662; Aug. 22.
- Caswell, Geo. W., Co. (See Quinn, Joseph F., assignor.)
- Cataldi, Vasco, Hammond, Ind. Rotary fountain. 1,939,803; Dec. 19.
- Catalin Corporation of America. (See Pantke, Oskar, assignor.)
- Cataline, Benton, Flint, Mich., assignor, by mesne assignments, to Kelsey-Hayes Wheel Corporation. Wheel balancing. 1,917,575; July 11.
- Cataline, Benton, Flint, assignor to General Motors Corporation, Detroit, Mich. Self-locking nut. 1,929,808; Oct. 10.
- Catalyst Research Corporation. (See Bennett, Owen G., assignor.)
- Catalyst Research Corporation. (See Bennett, O. G., and Jackson, assignors.)
- Catalyst Research Corporation. (See Bennett, O. G., assignor, and Frazer.)
- Catalyst Research Corporation. (See Bennett, O. G., and Frazer, assignors.)
- Catalytic Process Corporation. (See Clark, Cyril B., assignor.)
- Catarau, Jules, Seattle, Wash. Fish-bait adjusting device. 1,902,217; Mar. 21.
- Catarau, Jules, Seattle, Wash. Artificial trolling and angling bait. 1,913,362; June 13.
- Catarau, Jules, Seattle, Wash. Fish lure. 1,921,657; Aug. 8.
- Catarau, Jules, Seattle, Wash. Life preserver. 1,921,658; Aug. 8.
- Catarau, Jules, Seattle, Wash. Life preserver. 1,921,659; Aug. 8.
- Catarau, Jules W., Seattle, Wash. Artificial bait. 1,903,256; Mar. 28.
- Cataudella, Alfred S., Bridgeport, Conn. Brake band signaling device. 1,902,759; Mar. 21.
- Cate, Malcolm S., Waltham, Mass., assignor, by mesne assignments, to Hood Rubber Company, Inc., Wilmington, Del. Heel trimming machine. 1,899,747; Feb. 28.
- Caterpillar Tractor Co. (See Apel, George, assignor.)
- Caterpillar Tractor Co. (See Braasch, August D., assignor.)
- Caterpillar Tractor Co. (See Patterson, Elmer, assignor.)
- Caterpillar Tractor Co. (See Radford, William H., assignor.)
- Caterpillar Tractor Co. (See Smith, Horatio W., assignor.)
- Caterpillar Tractor Co. (See Thoen, Lowell H., assignor.)
- Caterpillar Tractor Co. (See Wickersham, Elmer E., assignor.)
- Cathard, Harry E., Independence, Mo. Carpet stretcher. 1,929,837; Oct. 10.
- Cathart, Robert M., Kew Gardens, N. Y. Spray gun. 1,929,348; Oct. 3.
- Catland, Alfred C. (See Howard, J. H., and Catland.)
- Catlett, Charles, Staunton, Va. Window frame. 1,913,067; June 6.
- Catlow, James N. (See Dworsky, Abraham S., assignor.)
- Cato, Harry P., Valley, Nebr. Computing machine. 1,913,068; June 6.
- Cato, Lawrence F., and W. B. Repert, assignors of one-third to C. W. Luce, Dunkirk, N. Y. Jar. 1,941,337; Dec. 26.
- Caton, William D., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Record strip control for writing machines. 1,939,202; Dec. 12.
- Cattaneo, Charles, South Norwalk, Conn. Proportional divider. 1,901,801; Mar. 14.
- Cattaneo, Charles, South Norwalk, Conn. Pointing device for stone carvers. 1,920,839; Aug. 1.
- Cattaneo, Giuseppe, Hilversum, Netherlands, assignor to Edeleanu Gesellschaft, m. b. H. Recovery of SO₂ used in oil refining. 1,913,658; June 13.
- Cattell, Grace B., Portsmouth, Ohio. Garter. 1,912,970; June 6.
- Catterall, William H., Lebanon, Pa., assignor to Bethlehem Steel Company. Automatic guide adjuster. 1,911,549; May 30.
- Caudill, Granvil, Wheelwright, Ky. Raising and lowering device. 1,932,303; Oct. 24.
- Caulfield, Jacob S. (See Woock, H. J., Peterson, and Caulfield.)
- Caughey, Edward, Norwich, Conn. Roofing nail. 1,940,534; Dec. 19.
- Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 1,899,556; Feb. 28.
- Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Power plant. 1,920,781; Aug. 1.
- Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Hydraulic control system. 1,922,881; Aug. 15.
- Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 1,931,104; Oct. 17.
- Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Regulating mechanism for prime movers. 1,933,311; Oct. 31.
- Causan, Nemorin L. (See Bethenod, J. F. J., and Causan.)
- Causan, Nemorin L., Suresnes, France. Highlight aeroplanes. 1,926,968; Sept. 12.
- Causebrook, Henry F. (See Howe, W. S., and Causebrook.)
- Causey, Otis A., Crows Landing, Calif. Insert-plug lock. 1,928,879; Oct. 3.
- Cautley, John R., assignor to Bendix Brake Company, South Bend, Ind. Making brake drums. 1,911,430; May 30.
- Cautley, John R., and F. C. Frank, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,899,609; Feb. 28.
- Cavanagh, Gerald F. (See Marbach, E. R., and Cavanagh.)
- Cavanagh, Gerald F., Cleveland, and E. M. Winegar, Willoughby, assignors to The Ohio Rubber Company, Cleveland, Ohio. Bead strip rolling machine. 1,908,690; May 16.
- Cavanagh, Gerald F., Cleveland, and A. B. Schultz, Willoughby, assignors to The Ohio Rubber Company, Cleveland, Ohio. Making floor coverings. 1,939,293; Dec. 12.
- Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel. 1,901,144; Mar. 14.
- Cavanagh, John F., assignor to Michael Romano, Providence, R. I. Steering gear stabilizer. 1,916,167; June 27.
- Cavanagh, John F., assignor to William W. Potter, Pawtucket, R. I. Apparatus for manufacturing rubber tire tubes. 1,922,471; Aug. 15.
- Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Stapling machine casing. Des. 91,185; Dec. 19.
- Cavanagh, John F., Framingham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Blacking machine. 1,932,395; Oct. 31.
- Cavano, John P., and G. Vondickas, Cleveland, Ohio. Serving and washing tray. 1,904,969; Apr. 18.
- Cave, Channing M., Jr., New Orleans, La. Pressure control device. 1,922,928; Aug. 15.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Brush making machine. 1,897,968; Feb. 14.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Mop making machine. 1,911,550; May 30.
- Cavin, Helen A. S. (See Session, Willet A., assignor.)
- Cavins, Omar A., Taft, Calif. Bailor. 1,917,211; July 4.
- Cavins, Omar A., Glendale, assignor to Standard Oil Company of California, San Francisco, Calif. Magnetic orienter for well core barrels. 1,935,078; Nov. 14.
- Cawley, Aloysius J., Pittston, Pa. Irrigation apparatus. 1,911,431; May 30.
- Cawley, Aloysius J., Pittston, Pa. Television apparatus. 1,925,039; Aug. 29.
- Cawood, Clarence A., assignor to The Electric Railway Equipment Company, Cincinnati, Ohio. Trolley wire hanger. 1,932,725; Oct. 31.

- Cawood, Richard L., East Liverpool, Ohio. Apparatus for producing various kinds of pottery. 1,900,797; Mar. 7.
- Cawthon, James L., jr. (See Mitchell, H. A., and Cawthon.)
- Caywood, Ernest W., Bartlesville, Okla. Propeller. 1,927,919; Sept. 26.
- Cazzadori, Vittorio, Rivarolo Canavese, Aosta, Italy. Hand twisting machine. 1,918,740; July 18.
- Ceaton, Henry A., London, assignor of one-half to J. W. Munro, Knowle, Warwickshire, England. Fire extinguisher. 1,926,762; Sept. 12.
- Ceccarini, Olindo O., Beverly Hills, assignor to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Optical system for photographic purposes. 1,938,808; Dec. 12.
- Cecil, Warwick & Cecil. (See Beall, Cecil C., assignor.)
- Cecil, William, New York, N. Y. Pipe rack. 1,903,410; Apr. 4.
- Cedar Rapids Engineering Company. (See Dunn, Allen I., assignor.)
- Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutting shuttle. 1,924,179; Aug. 29.
- Cederstrom, Harold A., assignor, by mesne assignments, to The Rosco Manufacturing Company, Minneapolis, Minn. Spraying and distributing means. 1,909,755; May 16.
- Cefalu, Andrew. (See Cefalu, Salvatore and A.)
- Cefalu, Salvatore and A., Brooklyn, N. Y. Permanent wave device. 1,896,940; Feb. 7.
- Cegler, Carl. (See Schorno, Albert, assignor.)
- Cekorich, Nick J., Cokeburg, Pa. Jar tongs or hook. 1,913,263; June 6.
- Celander, Philip A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Stone construction. 1,892,761; Jan. 3.
- Celanese Corporation of America. (See Bader, Walter, assignor.)
- Celanese Corporation of America. (See Bader, W., and Stimson, assignors.)
- Celanese Corporation of America. (See Beran, Charles F., assignor.)
- Celanese Corporation of America. (See Bower, Joshua, assignor.)
- Celanese Corporation of America. (See Briggs, J. F., and Roberts, assignors.)
- Celanese Corporation of America. (See Cameron, W. M., and Croft, assignors.)
- Celanese Corporation of America. (See Cope, Ernest C., assignor.)
- Celanese Corporation of America. (See Cope, E. C., and Kinsella, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Hill, assignors.)
- Celanese Corporation of America. (See Dickie, W. A., and Sower, assignors.)
- Celanese Corporation of America. (See Dort, Robert G., assignor.)
- Celanese Corporation of America. (See Dreyfus, Camille, assignor.)
- Celanese Corporation of America. (See Dreyfus, C., and Haney, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., Martin, and Lee, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Miles, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Platt, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Rivat, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., Whitehead, and Kuhl, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Bader, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Dickie, and Taylor, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Ellis, Ockman, and Olpin, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Haney, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., and Taylor, assignor.)
- Celanese Corporation of America. (See Dreyfus, H., Kinsella, Bower and Taylor, assignors.)
- Celanese Corporation of America. (See Ellis, George H., assignor.)
- Celanese Corporation of America. (See Ellis, G. H., and Miller, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Mosby, and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Ockman, and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., and Olpin, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Olpin, and Kirk, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Olpin, and Miller, assignors.)
- Celanese Corporation of America. (See Ellis, G. H., Olpin, and Storey, assignors.)
- Celanese Corporation of America. (See Ewing, H., and Roberts, assignors.)
- Celanese Corporation of America. (See Fulton, Stephen M., assignor.)
- Celanese Corporation of America. (See Green, S. J., and Widdowson, assignors.)
- Celanese Corporation of America. (See Hale, F. C., and Kimpton, assignors.)
- Celanese Corporation of America. (See Hall, Archibald J., assignor.)
- Celanese Corporation of America. (See Howorth, Harmon, assignor.)
- Celanese Corporation of America. (See Martin, H. E., and Elder, assignors.)
- Celanese Corporation of America. (See Martin, H. E., Elder, and Rogers, assignors.)
- Celanese Corporation of America. (See Mellor, A., and McLellan, assignors.)
- Celanese Corporation of America. (See Miles, George W., assignor.)
- Celanese Corporation of America. (See Mosby, D. H., Olpin, and Ellis, assignors.)
- Celanese Corporation of America. (See Moss, William H., assignor.)
- Celanese Corporation of America. (See Moss, W. H., and White, assignors.)
- Celanese Corporation of America. (See Oxley, Horace F., assignor.)
- Celanese Corporation of America. (See Oxley, H. F., and Croombridge, assignors.)
- Celanese Corporation of America. (See Oxley, H. F., and Fallows, assignors.)
- Celanese Corporation of America. (See Payne, R. W., and Roberts, assignors.)
- Celanese Corporation of America. (See Plant, John H. G., assignor.)
- Celanese Corporation of America. (See Platt, Herbert, assignor.)
- Celanese Corporation of America. (See Platt, H., and Croft, assignors.)
- Celanese Corporation of America. (See Pool, William, assignor.)
- Celanese Corporation of America. (See Riley, Reginald H. J., assignor.)
- Celanese Corporation of America. (See Rivat, George, assignor.)
- Celanese Corporation of America. (See Roberts, Robert P., assignor.)
- Celanese Corporation of America. (See Roberts, R. P., Dean, and Gregory, assignors.)
- Celanese Corporation of America. (See Schneider, George, assignor.)
- Celanese Corporation of America. (See Seymour, George W., assignor.)
- Celanese Corporation of America. (See Taylor, William I., assignor.)
- Celanese Corporation of America. (See Tidmus, Allan H., assignor.)
- Celanese Corporation of America. (See Tidmus, A. H., and Reeson, assignors.)
- Celanese Corporation of America. (See Welch, S. A., Guyler, Ashby, and Boaler, assignors.)
- Celanese Corporation of America. (See Whitehead, William, assignor.)
- Celaya, Genaro, Los Angeles, Calif. Dish washing machine. 1,899,495; Feb. 28.
- Celite Corporation. (See Cummins, Arthur B., assignor.)
- Cellvis, Inc. (See Wilson, William C., assignor.)
- Celulfoam Corporation. (See Bryant, Frank L., assignor.)
- Cellular Clay Corporation. (See Husain, T., and Bole, assignors.)
- Celulo Company, The. (See Milkey, Lester E., assignor.)
- Celuloid Corporation. (See Andersen, B., and Lyng, assignors.)
- Celuloid Corporation. (See Buttrick, William M., assignor.)
- Celuloid Corporation. (See Caprio, A. F., and Bowker, assignors.)
- Celuloid Corporation. (See Petersen, Arthur E., assignor.)
- Celuloid Corporation. (See Walsh, James F., assignor.)
- Celuloid Corporation. (See Walsh, J. F., and Anderson, assignors.)
- Celuloid Corporation. (See Walsh, J. F., and Caprio, assignors.)
- Celuloid Corporation. (See Walsh, J. F., Smith, and Caprio, assignors.)
- Celuloid Corporation. (See Walsh, J. F., Stevens, Flynn, Caprio, and Alcorn, assignors.)
- Celuloid Corporation. (See Walsh, J. F., and Ximenez, assignors.)
- Celluloids Limited. (See Nixon, Thomas M., assignor.)
- Celotex Company, The. (See Lathrop, E. C., and Irvine, assignors.)
- Celotex Company, The. (See Muench, Carl G., assignor.)
- Celotex Company, The. (See Munroe, Treadway B., assignor.)
- Celotex Company, The. (See Munroe, T. B., and Lathrop, assignors.)
- Celotex Company, The. (See Munroe, T. B., and Waterfall, assignors.)
- Cement Gun Company. (See Lerich, W., and Beasley, assignors.)

- Cement-Gun Company. (See Stewart, E. P., and Frost, assignors.)
- Cement Gun Company. (See Talbot, Lyman R., assignor.)
- Cement Process Corporation. (See Blank, Alton J., assignor.)
- Cemented Tungsten Tool Company. (See Birgbauer, Conrad F., assignor.)
- Centeno V., Melchor, New York, N. Y. Television apparatus. Re18,761; Mar. 7.
- Centra-Handels Industrie A.-G. (See Negel, Günther, assignor.)
- Centra-Handels & Industrie A.-G. (See Schmaljohann, Paul, assignor.)
- Central Commercial Company. (See Severy, Victor H., assignor.)
- Central Engineering & Sales Company. (See Uhrl, William C., jr., assignor.)
- Central Foundry Company. (See Saine, L. W., and Hansen, assignors.)
- Central Metallic Casket Company. (See Raap, Peter H., assignor.)
- Central Mine Equipment Co. (See Bascom, C. P., and Kluge, assignors.)
- Central Mine Equipment Company. (See Ormsby, E., and Bascom, assignors.)
- Central Mine Equipment Co. (See Rassieur, B. F., and Bascom, assignors.)
- Central Ohio Steel Products Company, The. (See Bisantz, Fred, assignor.)
- Central Ohio Steel Products Company, The. (See Tracht, Robert F., assignor.)
- Central Radio Laboratories. (See Stockle, Edwin R., assignor.)
- Central Republic Bank and Trust Company, Executor, et al. (See Friendly, Herbert N.)
- Central Republic Bank and Trust Company of Illinois et al., executors. (See Friendly, H. M., and Burns.)
- Central Scientific Company. (See Harrington, Ertle L., assignor.)
- Central Scientific Company. (See Klopsteg, Paul E., assignor.)
- Central Scientific Company. (See Stannard, Winfield H., assignor.)
- Central Scientific Company. (See Stone, Guy A., assignor.)
- Central Screw Company. (See Kellogg, Harry F., assignor.)
- Central Trust Company. (See Friendly, Herbert N., assignor.)
- Central Trust Company of Illinois et al., executors. (See Friendly, Herbert M., assignor.)
- Central Waxed Paper Company. (See Donnelley, Robert B., assignor.)
- Centrifx Corporation. (See Hawley, Charles G., assignor.)
- Centrifugal Engineering and Patents Corporation. (See Knopp, Gumal, assignor.)
- Centrifugal Engineering and Patents Corporation. (See Lindberg, Sven C., assignor.)
- Centrifugal Engineering and Patents Corporation. (See Lindequist, Charles J., assignor.)
- Centrifugal Machine Company. (See Snyder, Clay M., assignor.)
- Century Machine Company, The. (See Wright, F. H., and Lewis, assignors.)
- Century Stove & Manufacturing Company. (See Waterman, Fred W., jr.)
- Century Zinc Company, The. (See Davis, S. H., Anderson, Smith, and Hanley, assignors.)
- Ceramic Machinery Company, The. (See Yingling, Frank E., assignor.)
- Cerf, Barry, trustee. (See Hedeon, A., and Holifer.)
- Cerro de Pasco Copper Corporation. (See Harper, T. E., jr., and Reinberg, assignors.)
- Certain-teed Products Corporation. (See Codwise, Philip W., assignor.)
- Certain-teed Products Corporation. (See Doyon, Eugene T., assignor.)
- Certain-teed Products Corporation. (See Otis, Edward C., assignor.)
- Certain-Teed Products Corporation. (See Speer, Alexander S., assignor.)
- Certified Leathers, Inc. (See Prouty, Millins W., assignor.)
- Cesario, Mary, Kenosha, Wis. Mop wringer. 1,902,688; Mar. 21.
- Československa Zbrojovka Akciová Společnost v Brně. (See Marek, Anton, assignor.)
- Československa Zbrojovka Akciová Společnost v Brně. (See Podrábský, Antonín, assignor.)
- Chadborn, Frederic C., Newburgh, N. Y. Heat-controlling apparatus. 1,941,388; Dec. 26.
- Chadbourne, William C. (See Beardsley, B., Chadbourne, and Smith.)
- Chadeloid Chemical Company. (See Bradley, Theodore F., assignor.)
- Chadeloid Chemical Company. (See Root, Frank B., assignor.)
- Chadwick, Everett D., Winchester, assignor to Gillette Safety Razor Company, Boston, Mass. Blade receptacle. 1,908,115; May 9.
- Chadwick, George, Lewiston Heights, N. Y. Machine for making reinforced sheet materials. 1,914,801; June 20.
- Chadwick, Lee S., Shaker Heights, Ohio. Safety razor. 1,934,257; Nov. 7.
- Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Temperature control means for refrigeration compartments. 1,899,852; Feb. 28.
- Chadwick, Lee S., Shaker Heights Village, and M. Resek, Cleveland Heights, assignors to perfection Stove Company, Cleveland, Ohio. Generator-absorber for intermittent absorption refrigerators. 1,898,616; Feb. 21.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and J. A. Dahlstrom, Bay Village, assignors to Perfection Stove Company, Cleveland, Ohio. Rotary oil burner. 1,911,264; May 30.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and W. G. Midnight, assignors to Perfection Stove Company, Cleveland, Ohio. Gas burning appliance for absorption refrigerators. 1,917,751; July 11.
- Chadwick, Lee S., Shaker Heights Village, M. Resek, Cleveland Heights, and C. T. Sorensen, Lakewood, assignors to Perfection Stove Company, Cleveland, Ohio. Milk cooler. 1,940,621; Dec. 19.
- Chaffee, Emory L., Cambridge, Mass., assignor to D. W. Salisbury, Madison, N. J. Electrical system and method. 1,928,963; Oct. 3.
- Chaffee, Stewart W., New York, N. Y. Imitation inlaid design and built-up wood finish. 1,934,792; Nov. 14.
- Chain Belt Company. (See Ball, Charles F., assignor.)
- Chain Belt Company. (See Ball, C. F., and Miller, assignors.)
- Chain Belt Company. (See Bleyer, Lloyd G., assignor.)
- Chain Belt Company. (See Lindow, Rudolph F., assignor.)
- Chain Belt Company. (See Longenecker, Charles I., assignor.)
- Chain Belt Company. (See Merwin, John C., assignor.)
- Chain Belt Company. (See Miller, Arthur E., assignor.)
- Chain Belt Company. (See Pampel, Frederick A., assignor.)
- Chain Belt Company. (See Shafer, Samuel, jr., assignor.)
- Chain Belt Company. (See Steindorf, Robert T., assignor.)
- Chain Belt Company. (See Viall, George K., assignor.)
- Chain Products Company, The. (See Wilcox, Howard, assignor.)
- Chain Store Products Corporation. (See Hermsdorf, Walter H., assignor.)
- Chalfant Can Company. (See Feagles, R. L., and Penrod, assignors.)
- Chalk, Maurice. (See Chalk, Roy, assignor.)
- Chalk, Roy, assignor of one-half to M. Chalk, New York, N. Y. Amusement device. Des. 89,035; Jan. 17.
- Chalker, Albert R. (See Lower, N. M., Chalker, and Bailey.)
- Chalker, Albert R. (See Lower, N. M., Kusebauch, and Chalker, assignors.)
- Challenge Company. (See Lund, John A., assignor.)
- Challenge Machinery Company. (See Barney, Freeman, assignor.)
- Challenge Machinery Company. (See Lee, J. E., and Barney, assignors.)
- Challenge Machinery Company. (See Lee, J. E., Barney, and Beatty, assignors.)
- Chalmers, Alexander. (See Marino, S., and Chalmers.)
- Chalmers, Isabel, Portland, Oreg. Sanitary drain for beds. 1,916,039; June 27.
- Chalmers, John W. (See Molins, W. E., and Chalmers.)
- Chalmers, John W., Deptford, London, England. Packing machinery. 1,938,482; Dec. 5.
- Chalon, Otto T., New York, N. Y. Paper-press belt. 1,925,917; Sept. 5.
- Chalupa, Joseph C., Berwyn, Ill. Safety window air adjuster. 1,899,853; Feb. 28.
- Chamberlain, Albert H., and T. H. Chamberlain, assignors to The New Haven Clock Company, New Haven, Conn. Sound-deadening attaching device. 1,935,202; Nov. 14.
- Chamberlain, Alfred J., Milwaukee, Wis. Closure for containers. 1,901,581; Mar. 14.
- Chamberlain, Alfred J., Milwaukee, Wis. Dispensing container. 1,903,442; Apr. 11.
- Chamberlain, Alfred J., Milwaukee, Wis. Plural compartment receptacle. 1,912,692; June 6.
- Chamberlain, Alice. (See Purcell, Jane W., assignor.)
- Chamberlain, Clark W., East Lansing, Mich. Interferometer. 1,901,632; Mar. 14.
- Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
- Chamberlain, Frederic W., assignor to The Warren Featherbone Co., Three Oaks, Mich. Narrow fabric package. 1,928,617; Oct. 3.
- Chamberlain, George L., Chicago, Ill. Electrical connection. 1,897,630; Feb. 14.
- Chamberlain, George L., Chicago, Ill. Electrical connecting device. 1,914,360; June 20.
- Chamberlain, Harold B., assignor to Tuco Products Corporation, New York, N. Y. Flooring. 1,922,472; Aug. 15.
- Chamberlain, James R., assignor to The Fafnir Bearing Company, New Britain, Conn. Spring shackle. 1,920,000; July 25.
- Chamberlain, John W., Akron, Ohio. Dry cleaning machine. 1,893,398; Jan. 3.
- Chamberlain, Leonard C. (See Grebe, J. J., Boundy, and Chamberlain.)
- Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Recovering iodine from natural waters and the like. 1,897,031; Feb. 14.

- Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Extracting iodine from natural waters and the like. 1,922,693; Aug. 15.
- Chamberlain, Martin T., assignor of one-half to J. C. Lawrence, Mobile, Ala. Keying members on shafts. 1,922,929; Aug. 15.
- Chamberlain, Rufus N., Chicago, Ill., assignor, by mesne assignments, to Gould Storage Battery Corporation, Depew, N. Y. Making nonreactive lead powder. 1,910,280; May 23.
- Chamberlain, Samuel H., Jr., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Synchronized clock system and secondary clock therefor. 1,931,019; Oct. 17.
- Chamberlain, Thomas H. (See Chamberlain, Albert H. and T. H.)
- Chamberlain, Thomas H., assignor to The New Haven Clock Company, New Haven, Conn. Torsion-spring for clocks watches, etc. 1,931,251; Oct. 17.
- Chamberlin, Cecil C., Chagrin Falls, Ohio. Snap dragon. Pl. Pt. 68; June 20.
- Chamberlin, Forest, Painesville, Ohio. Automatic stoker. 1,936,962; Nov. 28.
- Chamberlin, John W., Akron, Ohio. Method and apparatus for cleaning. 1,917,096; July 4.
- Chamberlin Metal Weatherstrip Co. (See Bredin, Lewis L., assignor.)
- Chamberlin Metal Weather Strip Company. (See Julien, Louis F., assignor.)
- Chamberlin, Willie R. (See Loehr, C. E., MacNab, and Chamberlin.)
- Chambers, Berin, Quinlan Company. (See Cooper, Earl E., assignor.)
- Chambers Brothers Company. (See King, Howard K., assignor.)
- Chambers, Charles I., Tacoma, Wash., assignor to Heisler Locomotive Works, Erie, Pa. Geared truck. 1,933,160; Oct. 31.
- Chambers, Clindarf F., et al. (See Buchet, Conrad R., assignor.)
- Chambers, Dudley E. (See Snyder, W. B., and Chambers.)
- Chambers, Henry L., St. Louis, Mo. Sash lock. 1,937,548; Dec. 5.
- Chambers, Howard M., assignor to Marvel Carburetor Company, Flint, Mich. Heat controlling means for charge forming devices. 1,918,380; July 18.
- Chambers, Ira L., assignor of one-half to G. E. Failing, Enid, Okla. Fluid motor. 1,921,023; Aug. 8.
- Chambers, Isaac M., Altoona, Pa. Trailer vehicle. 1,923,255; Aug. 22.
- Chambers, James H. (See Krum, H., Preall, and Chambers.)
- Chambers, John C., Bridgeport, Conn., assignor to Addressograph Company, Wilmington, Del. Safety device. 1,920,001; July 25.
- Chambers, John H., Belfast, Northern Ireland. Change-speed gearing. 1,935,018; Nov. 14.
- Chambers, John T., New Orleans, La. Apparatus for constructing levees and the like. 1,923,913; Aug. 22.
- Chambers, Raymond, Queens Village, N. Y. Shade protector. 1,911,749; May 30.
- Chambers, Samuel H. (See Denne, M. T., Thwaites, and Chambers.)
- Champion Valve Manufacturing Company, The. (See Malcolm, Vincent T., assignor.)
- Champion Carburetor, a Trust. (See Huber, Horace H.)
- Champion, Carleton C., Jr., Washington, D. C. Internal combustion engine. 1,898,163; Feb. 7.
- Champion Coated Paper Company, The. (See Bradner, Donald B., assignor.)
- Champion Coated Paper Company, The. (See Knapp, Theodore E., Jr., assignor.)
- Champion Coated Paper Company, The. (See Walker, Harold W., assignor.)
- Champion Corporation. (See Farquhar, John B., assignor.)
- Champion Fibre Company, The. (See Miller, Clarence B., assignor.)
- Champion Fiber Company, The. (See Murdock, Harold R., assignor.)
- Champion Pneumatic Machinery Co. (See Rayfield, Frederick J., assignor.)
- Champion Shoe Machinery Company. (See Dobyne, Stevenson A., assignor.)
- Champion Spark Plug Company. (See Rohde, Otto C., assignor.)
- Champion Spring Company, The. (See Ianzy, Frank L., assignor.)
- Champion, William T. (See Reiher, Paul F., assignor.)
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Electrical compensating arrangement. 1,921,728; Aug. 8.
- Champlin, Philip T., Little Valley, N. Y. Knife rack. 1,937,424; Nov. 28.
- Champlin, Tint, Little Valley, N. Y. Fishing knife. 1,898,422; Feb. 21.
- Champness, Edward L., Corbridge, England. Above-water torpedo armament for surface warships. 1,907,499; May 9.
- Champney, Hubert H. (See Botts, H. W., and Champney.)
- Champney, Hubert H., Succasunna, N. J., assignor to Hercules Powder Company, Wilmington, Del. Explosive. 1,924,912; Aug. 28.
- Champney, Ralph P., Dearborn, assignor to Mitchell & Smith, Incorporated, Detroit, Mich. Producing cork board. 1,917,361; July 11.
- Chance, Albert B., Centralia, Mo. Earth anchor. 1,940,938; Dec. 26.
- Chance, Alvin C., et al. (See Buttress, George A., assignor.)
- Chance Brothers and Co. Limited. (See Forster, Alfred L., assignor.)
- Chance Brothers and Co. Limited. (See Spink, Johann H. A., assignor.)
- Chance, Florence H., executor, et al. (See Chance, Thomas M.)
- Chance, Sammie E., Union Mills, Ind. Harrow. 1,913,069; June 6.
- Chance, Thomas M., Merion, Pa. Valve gear for coal washers and concentrators and operating same. 1,894,020; Jan. 10.
- Chance, Thomas M., deceased, Wynnewood, Florence H. Chance and Provident Trust Company, Philadelphia, Pa. Apparatus for agitating fluid masses and separating materials. 1,937,190; Nov. 28.
- Chandeysson, Pierre I., St. Louis, Mo. Pneumatically operated contactor. 1,896,164; Feb. 7.
- Chandeysson, Pierre I., St. Louis, Mo. Dynamo-electric machine. 1,915,153; June 20.
- Chandeysson, Pierre I., St. Louis, Mo. Homopolar generator. 1,916,256; July 4.
- Chandeysson, Pierre I., St. Louis, Mo. Dynamo electric machine. 1,922,028; Aug. 15.
- Chandler, Austin S., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Capping table. 1,903,980; Apr. 18.
- Chandler, Charles S. (See Jewell, Roy G., assignor.)
- Chandler, Edward F., Brooklyn, N. Y. Remote control system. 1,898,242; Feb. 21.
- Chandler, Frank J., Toledo, Ohio. Perforating machine. 1,931,979; Oct. 24.
- Chandler, Harry A. (See Chandler, Philip L., assignor.)
- Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Insulated casing. 1,895,022; Jan. 24.
- Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Wire connector. 1,912,177; May 30.
- Chandler, Milford G., Flint, Mich. Fuel-feeding means for internal-combustion engines. 1,925,173; Sept. 5.
- Chandler, Milton E. (See Mock, F. C., and Chandler, assignors.)
- Chandler, Milton E., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,924,595; Aug. 29.
- Chandler, Milton E., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,364; Oct. 31.
- Chandler, Milton E., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,935,350; Nov. 14.
- Chandler, Milton E., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,935,351; Nov. 14.
- Chandler, Milton E., and D. Cole, assignors to Bendix Stromberg Carburetor Company, Chicago, Ill. Carburetor air control. 1,933,365; Oct. 31.
- Chandler, Natchett, assignor of one-half to G. M. Easley, Dallas, Tex. Fire extinguishing sprinkler system. 1,939,764; Dec. 19.
- Chandler, Philip L., Thurston, Nebr., assignor of one-half to H. A. Chandler, Sioux City, Iowa. Jar cover. 1,925,789; Sept. 5.
- Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
- Chandler & Price Company, The. (See Reichart, William M., assignor.)
- Chandler & Price Company, The. (See Tyler, Ralph S., assignor.)
- Chandler, Robert W., assignor to Graton & Knight Company, Worcester, Mass. Oil seal. 1,905,800; Apr. 25.
- Chandler, Robert W., assignor to Graton & Knight Company, Worcester, Mass. Treating leather. 1,930,158; Oct. 10.
- Chandler, Wallace L., East Lansing, Mich., assignor to Merck & Co., Inc., Rahway, N. J. Iodine composition. 1,925,135; Sept. 5.
- Chandonia, Elmer H., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Multiple bake pan. 1,901,022; Mar. 14.
- Chandonia, Elmer H., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Baking equipment. 1,935,941; Nov. 21.
- Chaney, Franklin V., Boston, Mass., assignor to Dust Guards, Inc. Dust guard. 1,893,516; Jan. 10.
- Chaney, Jonathan O., North Hollywood, Calif. Top rack for automobiles. 1,894,083; Jan. 10.
- Chaney, Newcomb K., Lakewood, Ohio, assignor to National Carbon Co., Inc. Treatment of alimentary products. 1,894,158; Jan. 10.
- Channon, Henry C. (See Smith, W. S., Garnett, and Channon.)
- Chanock, Theodore, Chicago, and E. Freyer, Oak Park, Ill. Lighting fixture. 1,936,933; Nov. 28.
- Chantemerle, Joseph L., New York, assignor, by mesne assignments, to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Gyrocompass transmission system. 1,917,017; July 4.

- Chantler, William, Minneapolis, Minn. Charcoal heater. 1,893,358; Jan. 3.
- Chapin, Charles H., Chicago, Ill. Shock absorber. 1,904,040; Apr. 18.
- Chapin, Edward K., Glen Ellyn, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Comminuted shortening. 1,928,781; Oct. 3.
- Chapin, Fenton G., East St. Louis, Ill., assignor to one-tenth to W. A. Thum, St. Louis, Mo. Flow controlled switch. 1,905,146; Apr. 25.
- Chapin, Harrison L. (See Folmer, W. F., and Chapin.)
- Chapin, Herbert L., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lip turning machine. 1,900,044; Mar. 7.
- Chapin, Herbert L., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,918,321; July 18.
- Chaplin, Merle P., Waterville, assignor, by mesne assignments, to Fidelity Trust Company, Portland, Maine. Pulp molding machines. 1,920,292; Aug. 1.
- Chaplin, Merle P., Waterville, assignor, by mesne assignments, to Fidelity Trust Company, Portland, Maine, trustee. Molded pulp article. 1,929,944; Oct. 10.
- Chaplin, Merle P., and W. E. Parsons, Waterville, assignors, by mesne assignments, to Fidelity Trust Company, Portland, Maine, trustee. Molded pulp article. 1,929,945; Oct. 10.
- Chapman, Arthur B., and A. H. Vadnais, assignors to Double A Alarm Company, Inc., Oshkosh, Wis. Protective system. 1,920,742; Aug. 1.
- Chapman, Arthur G., Butler, N. J., assignor to American Telephone and Telegraph Company. System of signaling circuits in a multi-conductor cable. 1,931,601; Oct. 24.
- Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electrical heater. 1,905,801; Apr. 25.
- Chapman, Charles H., Scotia, N. Y., assignor to General Electric Company. Electrical heater for thermal relays. 1,919,975; July 25.
- Chapman, Cloyd M., Douglaston, N. Y. Structural unit and making same. 1,897,238; Feb. 14.
- Chapman, Edwin, Catsauqua, assignor to Fuller Lehigh Company, Fullerton, Pa. Drill jig. 1,916,414; July 4.
- Chapman Electric Neutralizer Company. (See Chapman, William H., assignor.)
- Chapman, Ernest, Manchester, England, assignor to Imperial Chemical Industries Limited. Indophenols and sulphur dyestuffs therefrom. 1,919,773; July 25.
- Chapman, Everett, Cleveland Heights, Ohio. Homopolar electric generator, distributor, and method of application. 1,905,147; Apr. 25.
- Chapman, Frank D., Berlin, Wis. Heat treating edible substances. 1,901,083; Mar. 14.
- Chapman, Frank D., Berlin, Wis. Treating material. 1,901,084; Mar. 14.
- Chapman, Frank D., Berlin, Wis. Removing silk from corn. 1,908,219; May 9.
- Chapman, Frank D., Berlin, Wis. Hydraulic conveyer. 1,908,220; May 9.
- Chapman, Frank D., Berlin, Wis. Exhaust box. 1,910,241; May 23.
- Chapman, Frank D., Berlin, Wis. Peeling fruit. 1,910,749; May 23.
- Chapman, Frank D., Berlin, Wis. Quality grader. 1,911,013; May 23.
- Chapman, Frank D., Berlin, Wis. Cooker and cooler. 1,919,185; July 25.
- Chapman, Frank D., Berlin, Wis. Liquid dispensing machine. 1,922,356; Aug. 15.
- Chapman, Frank D., Berlin, Wis. Heat treating substances. 1,923,421; Aug. 22.
- Chapman, Frank D., Berlin, Wis. Can cooling and transferring mechanism. 1,924,271; Aug. 29.
- Chapman, Frank L., Rochester, N. Y. Turnstile. 1,920,958; Aug. 8.
- Chapman, Howard D. (See Barnes, G. L., and Chapman.)
- Chapman, John W. (See Melley, J. J., and Chapman.)
- Chapman, Leo M., Chicago, Ill. Street sign frame for lamp posts. Des. 89,036; Jan. 17.
- Chapman, Lyman B., assignor to Scovill Manufacturing Company, Waterbury, Conn. Detachable snap fastener for articles to be laundered. 1,904,122; Apr. 18.
- Chapman, Paul F., Boston, Mass. Clothes washing machine. 1,897,239; Feb. 14.
- Chapman, Penrose E., St. Louis, Mo. Testing instrument and regulator. 1,902,542; Mar. 21.
- Chapman, Penrose E., St. Louis, Mo., and C. L. Chittenden, New York, N. Y.; said Chittenden assignor to said Chapman. Growler type testing device. 1,924,913; Aug. 29.
- Chapman, Ralph W., assignor to T. M. Chapman's Sons Co., Oldtown, Maine. Electrical therapeutic apparatus. 1,925,370; Sept. 5.
- Chapman, Roy McK., Erwin, Tenn. Inflatable cleaning and dyeing last for shoes. 1,893,795; Jan. 10.
- Chapman Valve Manufacturing Company, The. (See Malcolm, Vincent T., assignor.)
- Chapman, Verni J. (See Thompson, L. B., and Chapman.)
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Arc welding. 1,932,263; Oct. 24.
- Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Arc welding. 1,932,924; Oct. 31.
- Chapman, Verni J., and R. M. Stephens, Schenectady, N. Y., assignors to General Electric Company. Arc welding. 1,931,129; Oct. 17.
- Chapman, Wilfred H., Stechford, Birmingham, and D. W. Pounder, Moseley, Birmingham, England, assignors to Dunlop Rubber Company, Limited. Manufacturing rubber goods. 1,941,200; Dec. 26.
- Chapman, William B. (See Parish, Erwin J., assignor.)
- Chapman, William B., Jackson Heights, N. Y. Gasification apparatus. 1,918,739; July 18.
- Chapman, William C., Chicago, Ill. Curtain, portière, and drape structure. 1,926,328; Sept. 12.
- Chapman, William C., Chicago, Ill. Tie back for drapes, curtains, and the like. 1,927,061; Sept. 19.
- Chapman, William H., Oakland, Calif. Motor vehicle headlamp. Re18,879; June 27.
- Chapman, William H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 1,893,837; Jan. 10.
- Chapman, William H., assignor to Chapman Electric Neutralizer Company, Portland, Me. Method of and apparatus for neutralizing static electricity. 1,914,110; June 13.
- Chapman, William J., Virginia, Minn. Reversible and quick-changing runner and shoe. 1,904,201; Apr. 18.
- Chapman's, T. M., Sons Co. (See Chapman, Ralph W., assignor.)
- Chapot, Joseph V., Hillside, and R. E. Porter, Newark, assignors to National Oil Products Company, Harrison, N. J. Tanning process. 1,908,116; May 9.
- Chappel Brothers, Inc. (See Meyer, Arthur E., assignor.)
- Chappell, Eugene L., Pittsburgh, Pa., assignor to National Tube Company. Low-soluble cement. 1,916,157; June 27.
- Chappell, Francis R. (See Christiansen, W. G., and Chappell.)
- Chappell, Marvin L. (See Black, J. C., and Chappell.)
- Chappell, Marvin L. (See Halloran, R. A., and Chappell.)
- Chappell, Marvin L., Watson, and E. F. Baker, Long Beach, Calif. Disposing of refinery wastes. 1,929,675; Oct. 10.
- Chappell, Ralph R., Richmond, Va., and R. J. Streb, assignors to Julien P. Friez & Sons, Inc., Baltimore, Md. Indicating angular motion. 1,937,630; Dec. 5.
- Chappell, Reginald J., Brooklyn, N. Y. Game appliance. 1,900,798; Mar. 7.
- Chappelow, Earl G., and F. L. Bryant, Greeley, Colo. Cultivator blade. 1,908,404; May 9.
- Chapple, Charles E. (See Porter, R. B., and Chapple.)
- Charavay, Frederick, Piqua, Ohio, assignor, by mesne assignments, of one-half to Hartzell Industries, Inc., Wilmington, Del. Motor support. 1,909,611; May 16.
- Charavay, Frederick, assignor of one-half to Hartzell Industries, Inc., Piqua, Ohio. Adjustable pitch propeller. 1,924,349; Aug. 29.
- Charbenau, Clarence A., Mount Clemens, Mich. Bookmarker. 1,894,941; Jan. 24.
- Charbonneau, Albert W., Boston, Mass. Antislip sheet product. 1,914,402; June 20.
- Charch, William H., Buffalo, assignor to Du Pont Rayon Company, New York, N. Y. Treating textile threads. 1,902,833; Mar. 28.
- Charch, William H., Buffalo, and J. E. Snyder, Kenmore, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Adhesive. 1,929,013; Oct. 3.
- Chardin, Alphonse J., administrator. (See Gobereau, R. R., and Majole.)
- Charette, Odilon, Fitchburg, Mass. Ice skate. 1,904,270; Apr. 18.
- Charles, Hubert N., Abingdon-on-Thames, England. Vehicle brake. 1,910,590; May 23.
- Charles, Mabel R., San Diego, Calif. Lamp. 1,893,730; Jan. 10.
- Charles, Maurice, Courbevoie, France. Hydraulic power-transmitting system. 1,931,952; Oct. 24.
- Charles, Walter J. (See White, H. J., and Charles.)
- Charleston Dry Dock and Machine Company et al. (See Smith, Richard F., assignor.)
- Charlesworth, Ira L., Newton, Iowa. Tractor cultivator. 1,902,689; Mar. 21.
- Charlesworth, Stanton I., Cleveland Heights, and Arch W. Harris, Cleveland, Ohio. Distillation apparatus. 1,933,414; Oct. 31.
- Charley, Walter G. (See Falkner, R. S., and Charley.)
- Charlin, André M. B., Paris, France. Needle securing device for talking machines. 1,904,408; Apr. 18.
- Charlot, René J. G., assignor to Thibaud Gibbs & Cie., Paris, France. Shaving soap case. 1,899,557; Feb. 28.
- Charlotte Chemical Laboratories, Inc. (See Raffloer, Emil, assignor.)
- Charlton, Ernest E., Schenectady, N. Y., assignor to General Electric Company. Photo-electric tube. 1,927,792; Sept. 19.
- Charlton, Ernest E., Schenectady, N. Y., assignor to General Electric Company. Electron discharge device. 1,938,374; Dec. 5.
- Charlton, George, assignor to Rich Tool Company, Detroit, Mich. Making tappets. 1,898,814; Feb. 21.
- Charlton, Malcolm. (See Henke, C. O., and Charlton.)

- Charlton, Richard C., Philadelphia, assignor to Henry Disston & Sons, Incorporated, Tacony, Pa. Floor scraper. 1,910,087; May 23.
- Charman, Walter M. (See Hushour, Perry D., assignor.)
- Charman, Walter M., Youngstown, Ohio. Hot top. 1,921,729; Aug. 8.
- Charman, Walter M., Cleveland Heights, Ohio. Lining for hot tops. 1,921,730; Aug. 8.
- Charman, Walter M., Cleveland Heights, Ohio. Hot top. 1,921,732; Aug. 8.
- Charman, Walter M., Cleveland Heights, and H. J. Darlington, Youngstown, Ohio, said Darlington assignor to said Charman. Hot top. 1,921,731; Aug. 8.
- Charmette, Inc. (See Steeg, W. F., and Orwig, assignors.)
- Charnaux Patent Corser Company Limited, The. (See Greig, Jeanne E., assignor.)
- Charnin, Hyman, New York, N. Y. Booth for restaurants. Des. 89,334; Feb. 28.
- Charpentier, Jean P. G. M. L., St. Cloud, France. Airplane constituted by a three-element wing. 1,893,129; Jan. 3.
- Charpiot, John B., jr., Houston, Tex. Tong. 1,895,445; Jan. 31.
- Charrier, Henri, assignor to Societe Anonyme Appareils et Evaporateurs Kestner, Lille, France. Apparatus for distilling water. 1,910,281; May 23.
- Charron, Roy C., and W. E. Swift, Worcester, assignors to United States Envelope Company, Springfield, Mass. Treatment of glassine paper. 1,938,133; Dec. 5.
- Charter Drive, Inc. (See Charter, James A., assignor.)
- Charter, Edward G., Highland Park, assignor to Copeland Products, Inc., Mount Clemens, Mich. Extensible shelf. 1,925,371; Sept. 5.
- Charter, James A., assignor to Charter Drive, Inc., Chicago, Ill. Starter for engines. 1,920,187; Aug. 1.
- Chartrand, John B., Cleveland, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Lighting fixture. 1,900,330; Mar. 7.
- Charvet, Gustave, assignor to Société des Etablissements Krauss-Optique et Mécanique de Précision, Paris, France. Mechanism for angular adjustment of gun sights. 1,939,540; Dec. 12.
- Chase Bag Company, The. (See Buxton, Herman A., assignor.)
- Chase Candy Company. (See Chase, Charles C., assignor.)
- Chase, Charles A., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Submarine cable anchorage. 1,904,271; Apr. 18.
- Chase, Charles C., assignor to Chase Candy Company, St. Joseph, Mo. Special package. 1,902,760; Mar. 21.
- Chase, Clyde H., et al. (See Nichols, Horace E., assignor.)
- Chase Companies, The. (See Cornell, Edward S., jr., assignor.)
- Chase Companies, The. (See Crampton, Donald K., assignor.)
- Chase Companies, The. (See Guild, Lurette, assignor.)
- Chase Companies, The. (See Mitchell, August, assignor.)
- Chase Companies. (See Reher, Fred W., assignor.)
- Chase Companies, The. (See Spring, Fred L. V., assignor.)
- Chase Companies, The. (See Zinno, Frank D., assignor.)
- Chase Companies, Incorporated, The. (See Coe, John S., assignor.)
- Chase Companies, Incorporated, The. (See Cornell, Edward S., jr., assignor.)
- Chase Companies, Incorporated, The. (See Gerth, Ruth L., assignor.)
- Chase Companies, Incorporated, The. (See Hansen, Charles C., assignor.)
- Chase Companies, Incorporated, The. (See Mitchell, August, assignor.)
- Chase Companies Incorporated, The. (See Pope, Elton A., assignor.)
- Chase Companies, Incorporated, The. (See Reichenbach, Howard E., assignor.)
- Chase Companies, Incorporated. (See von Nessen, Walter, assignor.)
- Chase, Curtis D., Boston, Mass., assignor to Chase Rights Corporation, Philadelphia, Pa. Printing of films. 1,902,277; Mar. 21.
- Chase, Curtis D., Boston, Mass., assignor to Chase Rights Corporation, Philadelphia, Pa. 1,902,278; Mar. 21.
- Chase, Delmar D., Scotia, N. Y., assignor to General Electric Company. System of distribution. 1,894,084; Jan. 10.
- Chase, Edwin R., Sacramento, Calif. Toy. 1,914,076; June 13.
- Chase, Emery H., Addison, N. Y. Violin. 1,918,084; July 11.
- Chase, Ernest L., trustee. (See Morse, L. H., and Smith, assignors.)
- Chase Foundry & Mfg. Co., The. (See Chase, Sherwood M., assignor.)
- Chase, Frederic L., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,911,432; May 30.
- Chase, Frederic L., and S. V. Cook, assignors to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,912,066; May 30.
- Chase, George B., Pocatello, Idaho. Combination table. 1,923,969; Aug. 22.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,898,996; Feb. 28.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,936,046; Nov. 21.
- Chase, Henry A., and H. R. Titus, assignors to Brown Company, Berlin, N. H. Composite web and making the same. 1,921,504; Aug. 8.
- Chase, Horace S., New York, N. Y. Control device. 1,923,968; Aug. 22.
- Chase, Leland H., Little Neck, assignor to Holmes Electric Protective Company, New York, N. Y. Signaling system. 1,919,007; July 18.
- Chase, Philip H., Bala-Cynwyd, Pa. Cable. 1,922,907; Aug. 15.
- Chase, Philip M., Brookline, Mass. Check protector. 1,936,783; Nov. 28.
- Chase Rights Corporation. (See Chase, Curtis D., assignor.)
- Chase-Shawmut Company, The. (See Conant, Franklin N., assignor.)
- Chase, Sherwood M., assignor to The Chase Foundry & Mfg. Co., Columbus, Ohio. Caster. 1,896,698; Feb. 7.
- Chase, Theron P. (See Ramsaur, W. R., and Chase.)
- Chase, Theron P., assignor to General Motors Research Corporation, Detroit, Mich. Cross shaft bracket. 1,906,368; May 2.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for vacuum cleaners. 1,920,002; July 25.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Furniture glider. 1,930,223; Oct. 10.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Air conditioning device for vacuum cleaners. 1,931,884; Oct. 24.
- Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Friction collar for sewing machine spool-pins. 1,933,502; Oct. 31.
- Chassey, Lezime C., New Bedford, Mass. Bleeder valve lock and release. 1,895,783; Jan. 31.
- Chater, William, Denver, Colo. Stabilizing device. 1,899,079; Feb. 28.
- Chatfield, Victor M., assignor to Sun Oil Company, Philadelphia, Pa. Absolute pressure recording device. 1,922,882; Aug. 15.
- Chatham Specialty Corporation. (See Kohn, Koby, assignor.)
- Chatillon, John, & Sons. (See Domina, James H., assignor.)
- Chatillon, John, & Sons. (See Reis, Leonard W., assignor.)
- "Châtillon," Società Anonima Italiana per la Seta Artificiale. (See Lautenberg, Anatolio, assignor.)
- "Châtillon," Società Anonima Italiana per la Seta Artificiale. (See Maximoff, Alexander T., assignor.)
- Chatterton, Ernest E. (See Vigers, R. W., and Chatterton.)
- Chatin, Robert C. (See Bafgley, Laurie C., assignor.)
- Chauveau, Louis L. E., assignor to Société Française Radio-Electrique, Paris, France. Automatic radioelectric standby device. 1,932,925; Oct. 31.
- Chauveau, Louis L. E., assignor to Compagnie Generale de Telegraphie Sans Fil, Paris, France. Alarm selector apparatus. 1,934,912; Nov. 14.
- Chauvet, Oliver D., North Bergen, N. J. Direction indicating safety light. 1,898,655; Feb. 21.
- Chauvin, André A., Paris, France. Index card. 1,895,784; Jan. 31.
- Chauvin, Charles B., St. Louis, Mo. Making frozen confections. 1,935,735; Nov. 21.
- Chauvot, René A., Paris, France. Sliding and pivoting wristlet watch. 1,930,416; Oct. 10.
- Chavanne, Jean L., Paris, France. Heat interchanging apparatus and process. 1,920,122; July 25.
- Chavanne, Louis, Paris, France. Solid fuel distilling apparatus. 1,924,980; Aug. 29.
- Chavez, Genaro. (See Rodriguez, R., and Chavez.)
- Cheater, Charles, Winnipeg, Manitoba, Canada. Ventilator. 1,914,682; June 20.
- Cheatham Electric Switching Device Company. (See Richterkessing, Frank H., assignor.)
- Chebota, Leo P., Beacon, assignor to The Texas Company, New York, N. Y. Motor fuel. 1,913,370; June 13.
- Checker Cab Manufacturing Corporation. (See Brownwell, James L., assignor.)
- Checker Cab Manufacturing Corporation. (See Kuenzel, S. H. Hunter, assignor.)
- Cheetham, Hugh S., Chislehurst, and G. Helps, Kenton, England. Steam boiler. 1,907,736; May 9.
- Cheln, J., & Company. (See Hoffman, Samuel, assignor.)
- Chelazz, Mirko, and D. Frulli, Genoa, Italy. Fountain pen. 1,893,130; Jan. 3.
- Chelsea Fibre Mills. (See Brewster, Nehemiah H., assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, Ingenuin, assignor.)
- Chemical Construction Corporation. (See Hechenbleikner, I., and Spangler, assignors.)
- Chemical Construction Corporation. (See Hechenbleikner, I., and Titlestad, assignors.)
- Chemical Construction Corporation. (See Spangler, Samuel F., assignor.)

- Chemical Construction Corporation. (See Titlestad, N., and Spangler, assignors.)
- Chemical Development Co. (See Spohn, John H., jr., assignor.)
- Chemical Engineering Corporation. (See Jones, Louis C., assignor.)
- Chemical Engineering Corporation. (See Richardson, Ralph S., assignor.)
- Chemical Foundation Incorporated, The. (See Osterberg, Arnold E., assignor.)
- Chemical Foundation Incorporated, The. (See Sutton, Leon E., assignor.)
- Chemical Holding Corporation. (See Richter, William F., assignor.)
- Chemical Holding Corporation. (See Richter, W. F., and McCreary, assignors.)
- Chemical Industry in Basle. (See Hartmann, M., and Isler, assignors.)
- Chemical Machinery Corporation. (See Field, Crosby, assignor.)
- Chemical & Pigment Co. (See Johnstone, James D., assignor.)
- Chemical Treatment Company. (See Fink, Colin G., assignor.)
- Chemical Treatment Company. (See Fink, C. G., and Eash, assignors.)
- Chemical Works, Formerly Sandoz. (See Kartaschoff, Valentin, assignor.)
- Chemical Works formerly Sandoz. (See Knecht, O., and Wirth, assignors.)
- Chemical Works formerly Sandoz. (See Kreis, Walter, assignor.)
- Chemical Works Formerly Sandoz. (See Leeman, H., and Kartaschoff, assignors.)
- "Chemical Works formerly Sandoz." (See Leemann, H., and Wehrli, assignors.)
- Chemical Works formerly Sandoz. (See Rheiner, Alfred, assignor.)
- Chemical Works formerly Sandoz. (See Rheiner, A., and Link, assignors.)
- Chemical Works formerly Sandoz. (See Stoll, A., and Rothlin, assignors.)
- "Chemical Works Formerly Sandoz." (See von Allmen, Samuel, assignor.)
- Chemical Works formerly Sandoz, the Firm of. (See Peter, Albin, assignor.)
- Chemieprodukte G. m. b. H. (See Schade, Paul F., assignor.)
- Chemipulp Process, Inc. (See Braun, C. E., and Lundberg, assignors.)
- Chemipulp Process, Incorporated. (See Dunbar, Thomas L., assignor.)
- Chemisch-Pharmazeutische Aktiengesellschaft Bad Homburg. (See Abelmann, Arthur, assignor.)
- Chemische Fabrik Grunau, Landschoff & Meyer Aktiengesellschaft. (See Kirchner, Walter, assignor.)
- Chemische Fabrik Joh. A. Benckiser G. m. b. H. (See Draibach, Fritz, assignor.)
- Chemische Fabrik Kalk G. m. b. H. (See Oehme, Hermann, assignor.)
- Chemische Fabrik Kalk Gesellschaft mit beschränkter Haftung. (See Oehme, Hermann, assignor.)
- Chemische Fabrik Kalk Gesellschaft mit beschränkter Haftung. (See Oehme, H., and Herrmuth, assignors.)
- Chemische Fabrik Pott & Co. (See Muller, Robert, assignor.)
- Chemische Fabrik Pott & Company, Kommandit Gesellschaft. (See Pospiech, Friedrich, assignor.)
- Chemische Fabrik von Heyden, A. G. (See Mirau, Hans, assignor.)
- Chemische Fabrik von Heyden, A. G. (See Rittler, Willy, assignor.)
- Chemische Fabrik von Heyden A. G. (See Von Hoessle, Carl H., assignor.)
- Chemische Fabrik von Heyden, A. G. (See Zellmann, Rudolf, assignor.)
- Chemische Industries Van Hasselt. (See van Hasselt, Johan F. B., assignor.)
- Chemische Werke vorm. H. & E. Albert, the Firm. (See Mändlen, H. and Huber, assignors.)
- Chemnitz Strickmaschinen-Fabrik. (See Stenglein, Oswald, assignor.)
- Chemung Engineering Corporation. (See Crooks, Earl G., assignor.)
- Chenault, Colby B., Oklahoma City, Okla. Spring bed. 1,938,277; Dec. 5.
- Chenault, Roy L., assignor, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Timing mechanism. 1,920,003; July 25.
- Cheney, Allan, Melrose, assignor to The Cheney Company, Winchester, Mass. Metal flashing. 1,939,619; Dec. 12.
- Cheney Brothers. (See Black, Julia, assignor.)
- Cheney Brothers. (See Brodsky, Michel, assignor.)
- Cheney Brothers. (See George, Robert, assignor.)
- Cheney Brothers. (See Mouton, Paul, assignor.)
- Cheney Brothers. (See Ruddell, Richard, assignor.)
- Cheney Brothers. (See Schey, Robert, assignor.)
- Cheney, Charles W., Birmingham, England. Press tool for fixing attaché case locks and similar fastenings. 1,893,493; Jan. 10.
- Cheney, Charles W., Birmingham, England. Hasp fastening for suit and attaché cases and the like. 1,920,356; Aug. 1.
- Cheney Company, The. (See Cheney, Allan, assignor.)
- Cheney Company, The. (See Earley, Charles A., assignor.)
- Cheney, Guy A. (See Neu, W. L., and Cheney.)
- Cheney, John F., West Palm Beach, Fla. Sealing and dispensing device for oil drums and the like. 1,894,732; Jan. 17.
- Cheney, Moses E., assignor to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Radiator cap. 1,921,909; Aug. 8.
- Cheney, Sarah E., Los Angeles, Calif. Packing frame for automobile trunks and suitcases. 1,901,895; Mar. 21.
- Chenoweth, Jesse W., assignor of one-half to E. M. Hicks, Lebanon, Ind. Equalizing chassis. 1,893,695; Jan. 10.
- Cherneck, Leonard, Port Ludlow, Wash. Toy windmill. Des. 90,358; July 25.
- Cherniak, Meyer B., New York, N. Y. Lighting fixture globe. Des. 89,274; Feb. 14.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 90,698; Sept. 19.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 90,801; Oct. 3.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 91,008; Nov. 14.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 91,009; Nov. 14.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monogram or the like. Des. 91,010; Nov. 14.
- Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or the like. Des. 91,057; Nov. 21.
- Chernow, Michael, Brooklyn, N. Y. Monogram. 1,932,304; Oct. 24.
- Cherry, Billy W., Centerville, Tenn. Air extractor. 1,910,088; May 23.
- Cherry-Burrell Corporation. (See Boileau, Arthur H., assignor.)
- Cherry-Burrell Corporation. (See Feldmeier, H., and Wightman, assignors.)
- Cherry-Burrell Corporation. (See Feldmeier, H., Wightman, and Steves, assignors.)
- Cherry-Burrell Corporation. (See Miner, Ralph K., assignor.)
- Cherry-Burrell Corporation. (See Neely, Raymond J., assignor.)
- Cherry-Burrell Corporation. (See Wightman, R. J., and Feldmeier, assignors.)
- Cherry, Carl W., Carmel, Calif. Locking means for electric lights. 1,932,132; Oct. 24.
- Cherry, Charles K., Little Rock, Ark. Sanitary cup. 1,937,402; Nov. 28.
- Cherry, George L., La Grange, Ill. assignor to Western Electric Company, Incorporated. 1,931,860; Oct. 24.
- Cherry, George L., La Grange, Ill. assignor to Western Electric Company, Incorporated. New York, N. Y. Apparatus for sheathing cores. 1,939,000; Dec. 12.
- Cherry, Lester A., Kenmore, C. N. Fuller, Tonawanda, and A. H. Lane, Buffalo, assignors to H. W. Hilliard Co. Inc., Buffalo, N. Y. Machine for affixing opening threads to envelopes. 1,923,914; Aug. 22.
- Cherry, Oscar A., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Molded gear. 1,896,070; Feb. 7.
- Cherry, Oscar A., and F. Kurath, assignors to Economy Fuse & Manufacturing Company, Chicago, Ill. Reaction product of rosin, aromatic amines, and furfural. 1,894,580; Jan. 17.
- Cherry, Oscar A., and F. Kurath, assignors to Economy Fuse and Manufacturing Company, Chicago, Ill. Composition of matter and producing same. 1,896,069; Feb. 7.
- Cheru, Marcelo. (See Frias, P. J., Jones, and Cheru.)
- Chervenka, George R. (See Albach, F., and Chervenka.)
- Chesebrough Manufacturing Co., Consolidated. (See Ball, George E. and P. B., assignors.)
- Cheslev, Albert L., Richmond, Va., assignor to The American Tobacco Company, New York, N. Y. Treating tobacco. 1,926,035; Sept. 12.
- Cheslev, Almond L., deceased, by L. P. Chesley and First and Merchants National Bank, Richmond, Va., executors, assignor to The American Tobacco Company, New York, N. Y. Apparatus for treating tobacco. 1,926,036; Sept. 12.
- Chesley, Lucy P., et al., executors. (See Chesley, Almond L.)
- Chesley, Walter R., Somerville, assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Splash guard holder for vehicle fenders. 1,900,225; Mar. 7.
- Chesney, Robert M., Warren, Ohio, assignor, by mesne assignments, to United States Gypsum Company, Chicago, Ill. Rotary cutter for making expanded metal. 1,927,783; Sept. 19.
- Chesnut, Frank T., Yardley, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Protective device for induction furnaces. 1,922,029; Aug. 15.
- Chesnut, Frank T., Trenton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Apparatus for interrupting alternating power circuits. 1,925,994; Sept. 5.
- Chesnut, Frank T., Trenton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Method and mechanism for removing reactances. 1,931,644; Oct. 24.
- Chesnut, William C., assignor to Hartmann Trunk Company, Racine, Wis. Luggage carrier handle. 1,909,392; May 16.

- Chesnutt, Edwin H., deceased, Houston, Tex.; Mrs. P. Chesnutt, administratrix, assignor of forty-nine per cent to G. B. Chesnutt, R. E. Chesnutt, and J. A. Chesnutt, Harris County, Tex. Automatic signal device. 1,918,231; July 11.
- Chesnutt, G. B., et al. (See Chesnutt, Edwin H., assignor.)
- Chesnutt, J. A., et al. (See Chesnutt, Edwin H., assignor.)
- Chesnutt, Pearl, administratrix. (See Chesnutt, Edwin H.)
- Chesnutt, R. E., et al. (See Chesnutt, Edwin H., assignor.)
- Chesny, Heinz H., Los Angeles, Calif. Low apparent density sodium carbonate. 1,921,505; Aug. 8.
- Chessin, Alexander, New York, N. Y. Ground speedometer. 1,933,493; Oct. 31.
- Chester, Alden P., assignor to Globe American Corporation, Kokomo, Ind. Cooking range. Des. 90,019; May 30.
- Chester, Frank R., assignor to Chesterfield Control Company, New York, N. Y. Table. 1,907,242; May 2.
- Chester, George H., Richmond Heights, Mo. Template. 1,917,239; July 11.
- Chester, Thomas, Pittsburgh, Pa. Air conditioning. 1,913,659; June 13.
- Chester County Mushroom Laboratories et al. (See Retew, Granville R., assignor.)
- Chesterfield Control Company. (See Chester, Frank R., assignor.)
- Chestnut, Robert, Grantwood, assignor to Aluminum Screw Machine Products Company, Edgewater, N. J. Hair-curling device. 1,905,148; Apr. 25.
- Chevalier, John M., Seattle, Wash. Guy-line clamp. 1,920,970; Aug. 8.
- Chevalier, La Rue B., Iola, Kans. Flexible top container. 1,911,988; May 30.
- Chevassus, Gustave, San Francisco, Calif. Device for melting wax disks. 1,920,629; Aug. 1.
- Cheviron, Julian J., Detroit, Mich. Hot air furnace construction. 1,919,008; July 18.
- Chevrolet, Louis, Baltimore, Md., and R. J. Parrish, Indianapolis, Ind., assignors, by mesne assignments, to The Glenn L. Martin Co., Baltimore, Md. Aviation engine. 1,906,045; Apr. 25.
- Chew, Albert B., Philadelphia, Pa. Variable speed alternating current motor. 1,919,774; July 25.
- Chiba, Kamekichi, Vancouver, British Columbia, Canada. Direction indicator. 1,933,891; Nov. 7.
- Chicago Automatic Conveyor Co. (See Shaw, Arthur L., assignor.)
- Chicago Belting Company. (See Ball, Edward H., assignor.)
- Chicago Bridge & Iron Company. (See Bailey, Otterbein A., assignor.)
- Chicago Bridge & Iron Company. (See Boardman, Harry C., assignor.)
- Chicago Bridge & Iron Company. (See Day, Clayton L., assignor.)
- Chicago Bridge & Iron Company. (See Garske, Walter, assignor.)
- Chicago Bridge & Iron Company. (See Griffin, Alvah M., assignor.)
- Chicago, Bridge & Iron Company. (See Horton, George T., assignor.)
- Chicago Bridge & Iron Company. (See Larson, Donald E., assignor.)
- Chicago Bridge & Iron Company. (See Michaels, Ernest E., assignor.)
- Chicago Bridge and Iron Company. (See Williams, Djalma D., assignor.)
- Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)
- Chicago Carton Company. (See Johnson, Edward W., assignor.)
- Chicago Carton Company. (See Richardson, Ralph R., assignor.)
- Chicago-Cleveland Car Roofing Company. (See Mattingley, Edward H., assignor.)
- Chicago-Cleveland Car Roofing Company. (See Swanson, Earl R., assignor.)
- Chicago-Cleveland Car Roofing Company. (See Swanson, E. R., and Markel, assignors.)
- Chicago Curtain Stretcher Company. (See Carlson, Clarence G., assignor.)
- Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
- Chicago Electric Manufacturing Co. (See Gough, James J., assignor.)
- Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
- Chicago Faucet Company, The. (See Brown, Albert C. and E. E., assignors.)
- Chicago Flexible Shaft Company. (See Browning, George, assignor.)
- Chicago Flexible Shaft Company. (See Fukal, Alfred F., assignor.)
- Chicago Flexible Shaft Company. (See Jeppsson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See Lynch, John W., assignor.)
- Chicago Flexible Shaft Company. (See McArdle, Michael W., assignor.)
- Chicago Flexible Shaft Company. (See McArdle, M. W., and Jeppsson, assignors.)
- Chicago Forging & Manufacturing Company. (See Falk, Frank A., assignor.)
- Chicago Forging & Manufacturing Co. (See Mears, Norton A., assignor.)
- Chicago Forging & Manufacturing Co. (See Mears, N. A., and Hynes, assignors.)
- Chicago Forging & Manufacturing Co. (See Mears, N. A., and Perron, assignors.)
- Chicago Glass Novelty Corporation. (See Boyce, J., and Hancock, assignors.)
- Chicago Glass Novelty Corporation. (See Boyce, J. and R., assignors.)
- Chicago Gymnasium Equipment Company. (See Gross, Elmer J., assignor.)
- Chicago Hardware Foundry Company. (See Kupski, Joseph, assignor.)
- Chicago Lock Company. (See Shinn, Lyle B., assignor.)
- Chicago Lock Company. (See Shinn, William C., assignor.)
- Chicago Metal Mfg. Co. (See Hauf, George F., assignor.)
- Chicago Mill and Lumber Company. (See Watkins, James R., assignor.)
- Chicago Mill and Lumber Corporation. (See Mizener, Logan A., assignor.)
- Chicago Pneumatic Tool Company. (See Callan, William H., assignor.)
- Chicago Pneumatic Tool Company. (See Coates, Charles B., assignor.)
- Chicago Pneumatic Tool Company. (See Collins, Lester L., assignor.)
- Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)
- Chicago Pneumatic Tool Company. (See Estler, Harry S., assignor.)
- Chicago Pneumatic Tool Company. (See Harcourt, George T., assignor.)
- Chicago Pneumatic Tool Company. (See Nell, Gustave M., assignor.)
- Chicago Pneumatic Tool Company. (See Nell, G. M., and Stevens, assignors.)
- Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)
- Chicago Pneumatic Tool Company. (See Scott, George, assignor.)
- Chicago Pneumatic Tool Company. (See Stevens, Edward W., assignor.)
- Chicago Pneumatic Tool Company. (See Terrill, Franklin E., assignor.)
- Chicago Pneumatic Tool Company. (See Wasson, Harry C., assignor.)
- Chicago Pneumatic Tool Company. (See Wernberg, Neils E., assignor.)
- Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
- Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
- Chicago Railway Equipment Company. (See Busse, E. G., and Ekholm, assignors.)
- Chicago Railway Equipment Company. (See Ekholm, Herbert W., assignor.)
- Chicago Railway Equipment Company. (See Garrard, James G., assignor.)
- Chicago Railway Equipment Company. (See Le Beau, Ernest A., assignor.)
- Chicago Rawhide Manufacturing Company. (See Gardner, Allen F., assignor.)
- Chicago Roller Skate Company. (See Ware, Robert R., assignor.)
- Chicago Telephone Supply Company. (See Schellenger, Newton C., assignor.)
- Chicago Transformer Corporation. (See Helgason, Arni, assignor.)
- Chicago Upholsterers Supply Company. (See Taylor, George E., assignor.)
- Chichester, Marcus B. (See Molins, W. E., Ruau, Dearsley, and Chichester.)
- Chick, Walter G., et al. (See Drinker, P., and Shaw, assignors.)
- Chicksan Oil Tool Company. (See Osborne, Herbert, assignor.)
- Chierotti, Joseph, Los Angeles, Calif. Belt and buckle. 1,895,148; Jan. 24.
- Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Axle bearing and oil closure. 1,908,956; May 16.
- Chifey, Edward, South Harrow, England, assignor to Victor Talking Machine Company. Talking machine. 1,907,500; May 9.
- Chiffriermaschinen Aktiengesellschaft. (See Korn, Willi, assignor.)
- Chizer, Siegmund, Berlin, Germany, assignor to G. Z. M. Patentverwertung Aktiengesellschaft, Glarus, Switzerland. Machine for sorting, counting, and packing coins. 1,925,521; Sept. 5.
- Chizer, Siegmund, Berlin, Germany, assignor to G. Z. M. Patentverwertung Aktiengesellschaft, Glarus, Switzerland. Machine for sorting, counting, and packing coins. 1,925,522; Sept. 5.
- Chiguracos, Pota. (See Lewnes, William, assignor.)
- Chiksan Oil Tool Company. (See Ellingsen, Frank, assignor.)

- Chiksan Oil Tool Company. (See Hamer, Leland S., assignor.)
- Chilcote, Joseph M. (See Robinson, J. F., Chilcote, and Haupt.)
- Child, Lachlan W., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Bearing. 1,936,379; Nov. 21.
- Child, Lachlan W., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Heater. 1,937,811; Dec. 5.
- Child, Stanton M., Brooklyn, N. Y. Caster. 1,933,095; Oct. 31.
- Child, Stanton M., Brooklyn, N. Y. Foot rest. 1,933,096; Oct. 31.
- Childers, Earl C., assignor to John K. Thompson, Kansas City, Mo. Shore. 1,917,826; July 11.
- Childress, William C. (See Novy, A. F., and Childress.)
- Childs, Harry E., assignor to Atlas Press Company, Kalamazoo, Mich. Headlight testing device. 1,919,200; July 25.
- Childs, Lorene W. (See Childs, Wesley M., assignor.)
- Childs, Wesley M., assignor to L. W. Childs, Eldorado, Kans. Biter. 1,895,972; Jan. 31.
- Childs, William A., Brighton, England. Electrolytic electricity meter. 1,931,954; Oct. 24.
- Childs, William L., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,921,216; Aug. 8.
- Childs, William L., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,933,892; Nov. 7.
- Chiles, George S. (See Dreibuss, H. C., and Chiles.)
- Chiles, Howard M., Champaign, assignor to Pyro-Pack Products Co., Chicago, Ill. Water soluble di-iodo-hydroxy-mercury fluorescein. 1,893,226; Jan. 3.
- Chillemi, Antonio, Washington, D. C. Lock. 1,919,091; July 18.
- Chillingworth, Rudolph, Brooklyn, N. Y. Aircraft and screw propeller therefor. 1,897,463; Feb. 14.
- Chilton, William T., assignor to Ralston Purina Company, St. Louis, Mo. Poultry feeder. 1,907,039; May 2.
- Chilton Pen Company, The. (See Krause, Henry, assignor.)
- Chilton Pen Company, The. (See Sypher, Milford G., assignor.)
- Chilton, Ralph H., assignor to The Inland Manufacturing Company, Dayton, Ohio. Freezing tray. 1,907,502; May 9.
- Chilton, Ralph H., assignor to The Inland Manufacturing Company, Dayton, Ohio. Freezing tray. 1,907,503; May 9.
- Chilton, Ralph H., assignor to The Inland Manufacturing Company, Dayton, Ohio. Steering mechanism for automobiles. 1,918,520; July 18.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Universal joint. 1,896,133; Feb. 7.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Uppercu Corporation. Variable pitch propeller. 1,907,504; May 9.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Engine starter. 1,921,344; Aug. 8.
- Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Universal joint. 1,933,494; Oct. 31.
- Chilton, Roland, Ridgewood, assignor to Wright Aeronautical Corporation, Paterson, N. J. Engine cowling. 1,896,222; Feb. 7.
- Chilton, Roland, Ridgewood, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,900,799; Mar. 7.
- Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Engine cowling. 1,908,820; May 16.
- Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Air cooled engine cylinder. 1,910,591; May 23.
- Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Cooling of spark plugs and the like. 1,914,940; June 20.
- Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Piston. 1,926,329; Sept. 12.
- Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Engine cowling. 1,933,966; Nov. 7.
- Chinell, Harry, J. E. Johnson, T. Olsen, and D. A. Farrell, assignors to J. F. Jelke Company, Chicago, Ill. Inserting filled envelopes in cartons. 1,907,396; May 2.
- Chinnock, James E. (See Goodell, F. H., and Chinnock.)
- Chipman, Andrew L. (See Chipman, Harry E., assignor.)
- Chipman Chemical Company, Inc. (See Chipman, Ralph N., assignor.)
- Chipman Chemical Company. (See Webster, Byron P., assignor.)
- Chipman, Harry E., Springfield, Mass., assignor to A. L. Chipman, New York, N. Y. Making records for reproducing sounds. 1,912,887; June 6.
- Chipman, John S., Easton, Pa., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 1,932,573; Oct. 31.
- Chipman Knitting Mills. (See Beacham, Edwin B., assignor.)
- Chipman Knitting Mills. (See Haytock, Benjamin, jr., assignor.)
- Chipman, Ralph N., assignor to Chipman Chemical Company, Inc., Bound Brook, N. J. Pulverulent herbicide and dusting method. 1,914,969; June 20.
- Chipman, Ralph N., assignor to Chipman Chemical Company, Inc., Bound Brook, N. J. Zinc chlorate weed killer. 1,924,107; Aug. 29.
- Chipman, Ralph N., Bound Brook, assignor to Chipman Chemical Company, Inc., Middlesex, N. J. Nonalkaline chlorate weed killer. 1,925,628; Sept. 5.
- Chireix, Henri, Paris, France. Filter-amplifier combination. 1,924,397; Aug. 29.
- Chireix, Henri, and H. Goudet, Paris, France. High-speed printing telegraph. 1,893,158; Jan. 3.
- Chireix, Henri, and H. Goudet, assignors to Compagnie Generale de Telegraphie Sans Fil, Paris, France. High-speed multiple telegraphy. 1,893,159; Jan. 3.
- Chiritescu, Steve. (See Stampfi, L. T., and Chiritescu.)
- Chisholm, Benjamin H., assignor to A C Spark Plug Company, Flint, Mich. Calibrating means for oil gauges. 1,922,618; Aug. 15.
- Chisholm, Charles F., Staten Island, N. Y. Fluid pressure apparatus. 1,927,487; Sept. 19.
- Chisholm, Clifton, Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Printing apparatus. 1,905,344; Apr. 25.
- Chisholm, Clifton, Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Changeable printing form. 1,909,176; May 16.
- Chisholm, Clifton C., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Index tab. 1,933,579; Dec. 12.
- Chisholm, Eugene, Los Angeles, Calif. Display cabinet. 1,912,344; May 30.
- Chisholm, George F., San Diego, Calif. Adjustable and collapsible wheel chock. 1,894,439; Jan. 17.
- Chisholm, Harry L., Jr. (See Nutt, A., Leak, and Chisholm.)
- Chisholm, Lester B., Providence, R. I. Rubber thread and making the same. 1,894,461; Jan. 17.
- Chisholm-Moore Hoist Corporation. (See Stahl, Frank E., assignor.)
- Chisholm-Ryder Co. (See John, Chaucer G., assignor.)
- Chisling, Elliott L., New York, N. Y. Doorstop. 1,929,623; Oct. 10.
- Chism, Walter, Collingswood, N. J., assignor to R. Hetherington, Sharon Hill, Pa. Thermostatic control device. 1,925,686; Sept. 5.
- Chitester, Robert S., Brookville, Pa. Tube for pneumatic tires. 1,925,031; Aug. 29.
- Chittenden, Charles L. (See Chapman, P. E., and Chittenden.)
- Chittick, Martin B., assignor to The Pure Oil Company, Chicago, Ill. Tubular oil converter. 1,910,242; May 23.
- Chittum, Elbert C., Catonsville, Md. Display card. 1,902,992; Mar. 28.
- Chittum, Joseph F., assignor to Purdue Research Foundation, La Fayette, Ind. Electroplating aluminum, etc., on copper, etc. 1,927,772; Sept. 19.
- Chittum, Joseph F., assignor to Purdue Research Foundation, La Fayette, Ind. Electroplating chromium, etc., on iron, etc. 1,927,773; Sept. 19.
- Chlost, Anton, assignor to Garton Toy Company, Sheboygan, Wis. Wheel toy. 1,916,879; July 4.
- Choate, Roy E., Cedar Rapids, Iowa. Hydraulic hoist. 1,892,829; Jan. 3.
- Choate, Roy E., Cedar Rapids, Iowa. Draft appliance. 1,893,983; Jan. 10.
- Choate, Roy E., Cedar Rapids, Iowa. Dump wagon. 1,925,654; Sept. 5.
- Chobert, Jacques, St.-Etienne, Loire, France. Tensioning device for wires, cords, or metal rods. 1,923,812; Aug. 22.
- Chobert, Jacques F. G., St.-Etienne, France. Adjustable turnbuckle. 1,903,695; Apr. 11.
- Chobert, Jacques F. G., St.-Etienne, France. Making adjustable spanners. 1,916,605; July 4.
- Chomik, Charles, Linnton, Oreg. Cradle. 1,910,089; May 23.
- Chong, Jue L. (See Chong, Look L., J. L., and S. L.)
- Chong, Jue L. (See Miller, T. S., and Chong, L. L., J. L., and S. L.)
- Chong, Look L. (See Miller, T. S., and Chong, L. L., J. L., and S. L.)
- Chong, Look L., J. L., and S. L., Isleton, Calif. Rotary cutter. 1,896,391; Feb. 7.
- Chong, Sam L. (See Chong, Look L., J. L., and S. L.)
- Chong, Sam L. (See Miller, T. S., and Chong, L. L., J. L., and S. L.)
- Chorlton, Alan E. L., London, England. Vehicle substructure. 1,922,197; Aug. 15.
- Chorlton, Frank O. L., Bury, England. Vacuum sealing machine for bottles, jars, cans, and the like. 1,934,258; Nov. 7.
- Chormann, George W., assignor to The Carborundum Company, Niagara Falls, N. Y. Fluted rub brick. 1,931,718; Oct. 24.
- Chornoby, Harry. (See Todoruk, W., and Chornoby.)
- Chott, Edward L., Chicago, Ill. Dental apparatus. 1,907,286; May 2.
- Chott, Edward L., Chicago, Ill. Dental brush. 1,918,521; July 18.
- Chouinard, Michel, Montreal, and J. P. Paradis, Longueuil, Quebec, Canada, said Paradis assignor to said Chouinard. Hose nozzle. 1,920,840; Aug. 1.

- Chretien, Georges, St-Cloud, assignor to Societe Technique d'Optique et de Photographie S. T. O. P., St-Ouen, Seine, France. Anamorphoser apparatus for cinematography in colors and in relief. 1,897,752; Feb. 14.
- Chrétien, Henri, Saint-Cloud, France. Apparatus for printing synthetic films. 1,894,264; Jan. 17.
- Chrétien, Henri, Saint-Cloud, France. Apparatus for printing synthetic anamorphosed films. 1,894,265; Jan. 17.
- Chrisman, Charles S. (See Battin, W. I., and Chrisman.)
- Chrisman, Charles S., West Chester, assignor to The U. G. I. Contracting Company, Philadelphia, Pa. Apparatus for making carbureted water gas. 1,898,575; Feb. 21.
- Chrisman, Horace, Pittsburgh, and E. M. Kreidler, Wilkensburg, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Liquid meter. 1,895,023; Jan. 24.
- Chrisman, Horace, and H. G. Weymouth, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Meter by-pass controlling means. 1,906,133; Apr. 25.
- Christ, Henry K., Allentown, Pa. Combined floor jack and clamp. 1,918,017; July 11.
- Christ, Henry K., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Instruction card holder. 1,935,737; Nov. 21.
- Christ, Veil. (See Mistasu, M. M., and Christ.)
- Christen, C. E. (See Christen, Victor H., assignor.)
- Christen, Marcel, Woodside, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,023; Jan. 10.
- Christen, Marcel, Woodside, assignor to Cohn Hall Marx Co., New York, N. Y. Textile fabric or similar article. Des. 90,395; Aug. 1.
- Christen, Marcel, Woodside, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,396; Aug. 1.
- Christen, Marcel, Woodside, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,435; Aug. 8.
- Christen, Marcel, Woodside, assignor to Cohn-Hall-Marxlo, New York, N. Y. Textile fabric or similar article. Des. 90,648; Sept. 12.
- Christen, Marcel, New York, N. Y., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric. Des. 90,359; July 25.
- Christen, Victor H., Detroit, Mich. Collapsible tube. 1,934,699; Nov. 14.
- Christen, Victor H., Detroit, Mich., assignor to C. E. Christen, Toledo, Ohio. Windshield wiper. 1,915,775; June 27.
- Christensen, Albert B. (See Daley, J. H., and Christensen.)
- Christensen, Alfred C., assignor to National Engineering Company, Chicago, Ill. Sand aerating device. 1,926,083; Sept. 12.
- Christensen, Alfred H. L., assignor to O. H. Dräger, Lubbeck, Germany. Respiration apparatus. 1,938,483; Dec. 5.
- Christensen, Carl T. (See Bales, James E., and Christensen.)
- Christensen, Carl T. (See Bales, J. E., Christensen, Hallberg, and Adler.)
- Christensen, Christen. (See Schmidt, Erwin J., assignor.)
- Christensen, Christen, assignor to Electrical Engineers Equipment Company, Chicago, Ill. Disconnecting switch. 1,913,106; June 6.
- Christensen, Christen, Maywood, Ill., and E. G. Steinmayer, Milwaukee, Wis., assignors to Electrical Engineers Equipment Company, Melrose Park, Ill. Switch. 1,935,111; Nov. 14.
- Christensen, Harry, and G. W. Rock, Oakland, Calif. Wheel gauging device. 1,927,488; Sept. 19.
- Christensen, Holger O. (See Welling, Johannes S., assignor.)
- Christensen, Howard, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephony. 1,909,810; May 16.
- Christensen, Leo M. (See Legg, D. A., and Christensen.)
- Christensen, Leo M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Fermentation of cellulosic materials. 1,911,172; May 23.
- Christensen, Niels A., Cleveland, Ohio. Compressor apparatus. 1,909,043; May 16.
- Christensen, Niels A., Cleveland, Ohio. Compressor drive apparatus. 1,917,429; July 11.
- Christensen, Niels C., Salt Lake City, Utah. Apparatus for separating oxygen and nitrogen in air. 1,929,349; Oct. 3.
- Christensen, Niels C., Salt Lake City, Utah. Method and apparatus for compressing gases. 1,929,350; Oct. 3.
- Christensen, Niels C., Salt Lake City, Utah. Treating zinc ores. 1,937,631; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating zinc ores. 1,937,632; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating zinc ores. 1,937,633; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating zinc ores. 1,937,634; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating lead sulphide ores. 1,937,635; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating lead-zinc sulphide ores. 1,937,636; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating lead sulphide ores. 1,937,637; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Treating zinc ores. 1,937,638; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Making zinc sulphide pigment. 1,937,639; Dec. 5.
- Christensen, Niels C., Salt Lake City, Utah. Separation of gases. 1,939,104; Dec. 12.
- Christensen, Peter C., East Orange, N. J. Composition and the production thereof. 1,901,145; Mar. 14.
- Christensen, Reinhard H. V., Copenhagen, and R. S. Dahl, Gentofte, Denmark. Apparatus for pouring melted metal under pressure. 1,913,071; June 6.
- Christensen, Sabinus, Atlantic City, N. J. Safety device for aircraft. 1,910,379; May 23.
- Christenson, Albert J. (See Sundling, Fritz R., assignor.)
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,939,662; Dec. 19.
- Christenson, John L., assignor of one-half to Earl M. Boughtin and C. Wagenius, Edmonton, Alberta, Canada. Automatic door, window, or gate operating device. 1,900,009; Mar. 7.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 1,900,911; Mar. 14.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Electromagnetic switch. 1,900,912; Mar. 14.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Electromagnetic switch. 1,903,211; Mar. 28.
- Christian, David A., assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 1,922,232; Aug. 15.
- Christian, David A., and E. W. Palmer, assignors to Siemens Brothers & Company, Limited, London, England. Telephone system. 1,899,014; Feb. 28.
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,898,423; Feb. 21.
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism for internal combustion engines. 1,901,285; Mar. 14.
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,904,202; Apr. 18.
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting system for internal combustion engines. 1,920,782; Aug. 1.
- Christian, Frank T., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter controlling mechanism. 1,936,619; Nov. 28.
- Christian, John, Milwaukee, Wis. Storm sash holder and lock. 1,925,831; Sept. 5.
- Christian, John C., Forrest City, Ark. Pumping system. 1,926,801; Sept. 12.
- Christian, Joseph A., Maywood, Ill. Handle device. 1,929,772; Oct. 10.
- Christian, Raymond A., assignor to The National Cash Register Company, Dayton, Ohio. Combined adding machine and typewriter. 1,939,804; Dec. 19.
- Christiance Harry C., Compton, Ill. Hay unloading apparatus. 1,902,761; Mar. 21.
- Christiance, Harry C., Compton, Ill. Corn harvester. 1,911,491; May 30.
- Christiani, August F., Red Lodge, Mont. Dispensing device. 1,906,899; May 2.
- Christiansen, Christian, Swampscott, assignor to Rotary Machine Company, Lynn, Mass. Folding machine. 1,907,243; May 2.
- Christiansen, Ejnar, Birmingham, England. Intermittently delivering jam, custard, or other material in predetermined quantities. 1,923,188; Aug. 22.
- Christiansen, Heinrich, Pinneberg, Germany. Device for pushing vehicles. 1,913,792; June 13.
- Christiansen, John, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Articulated car. 1,894,665; Jan. 17.
- Christiansen, Paul C., Copenhagen, Denmark. Device for pressing articles. Re18,721; Jan. 24.
- Christiansen, Walter G. (See Harris, S. E., and Christiansen.)
- Christiansen, Walter G., Bloomfield, N. J., and A. E. Jurist, assignors to E. R. Squibb & Sons, New York, N. Y. Amidopyrin borate in combination with acetone and preparation thereof. 1,894,666; Jan. 17.
- Christiansen, Walter G., Bloomfield, N. J., W. S. Jones, Brooklyn, and E. Moness, New York, assignors to E. R. Squibb & Sons, New York, N. Y. Obtaining vitamin concentrates from fats. 1,897,039; Feb. 14.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, Lynbrook, assignors to E. R. Squibb & Sons, New York, N. Y. Dialkyl resorcinols. 1,897,188; Feb. 14.
- Christiansen, Walter G., Bloomfield, N. J., and A. E. Jurist, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Antipyretic compositions containing amidopyrin. 1,898,002; Feb. 21.
- Christiansen, Walter G., Glen Ridge, and W. A. Lott, Newark, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Amyl cresols and preparation thereof. 1,922,153; Aug. 15.
- Christiansen, Walter G., Bloomfield, and F. R. Chappell, Passaic, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Packaging of edible oils. 1,924,708; Aug. 29.

- Christiansen, Walter G., Bloomfield, and W. S. Jones, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Alkyl ortho-cresol. 1,930,923; Oct. 17.
- Christiansen, Walter G., Glen Ridge, N. J., and S. E. Harris, assignors to E. R. Squibb & Sons, Brooklyn, N. Y. Diresorcin isatin. 1,940,660; Dec. 26.
- Christianson, Carl O., Merriman, Nebr., assignor to Cold-Drinks Company. Liquid dispenser. 1,906,839; May 2.
- Christianson, David A., Atlanta, Ga., assignor, by mesne assignments, to The Ad-Bag Sales Corporation. Bag. Des. 89,679; Apr. 25.
- Christianson, Oscar, Minneapolis, Minn. Safety razor. 1,930,583; Oct. 17.
- Christie, Howard E., and K. W. Couse, Bronx, N. Y. Indicator for the cooling system of automobiles. 1,935,563; Nov. 14.
- Christie, Howard E., and K. W. Couse, Bronx, N. Y. Hydrometer float. 1,935,564; Nov. 14.
- Christie, John, assignor to Eastman Kodak Company, Rochester, N. Y. Self-erecting front camera. 1,939,203; Dec. 12.
- Christie, John, Sunderland, and D. F. Amer, Jarrow, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. High voltage electric switch gear. 1,903,956; Apr. 18.
- Christie, Neil, Larder Lake, Ontario, Canada. Rotary engine. 1,900,898; Mar. 14.
- Christie, Robert A., Glenside, Pa. Spoon of paper or like material. 1,907,737; May 9.
- Christie, Walter G., Denver, Colo., assignor to Will Ross, Inc., Milwaukee, Wis. Support. 1,906,369; May 2.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission mechanism. 1,901,712; Mar. 14.
- Christman, John M., assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Painting instrument. 1,906,878; May 2.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Striping instrument. 1,906,879; May 2.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Striping instrument. 1,907,738; May 9.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Milling machine. 1,919,290; July 25.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Striping instrument. 1,924,273; Aug. 29.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Painting device. 1,934,405; Nov. 7.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber. 1,938,568; Dec. 12.
- Christman, John M., and A. L. Kline, assignors to Packard Motor Car Company, Detroit, Mich. Striping machine. 1,915,646; June 27.
- Christman, Peter J. (See Lyon, R. F., and Christman.)
- Christman, Peter J., Green Bay, Wis. Power transmission. 1,922,660; Aug. 15.
- Christmann, Friedrich. (See Pier, M., and Christmann.)
- Christmann, Ludwig J., Jersey City, N. J., assignor to American Cyanamid Company, New York, N. Y. Salts of organic di-thiophosphates. 1,893,018; Jan. 3.
- Christmann, Ludwig J., Jersey City, and S. A. Falconer, Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Flotation of oxides. 1,894,344; Jan. 17.
- Christmann, Ludwig J., Jersey City, and D. W. Jayne, jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Mothproofing. 1,915,922; June 27.
- Christmas, Burton, Pittsburgh, Pa. Cushion support. 1,921,561; Aug. 8.
- Christmas, John K. (See Knox, H. A., and Christmas.)
- Christopher, Arthur J., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced inductance device. 1,896,480; Feb. 7.
- Christopher, Arthur J., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductive device. 1,897,040; Feb. 14.
- Christopher Candy Company. (See Beaudry, Alfred, assignor.)
- Christopher, Edward F., and F. L. De Beukelaer, assignors to Swift & Company, Chicago, Ill. Glue product and preparing the same. 1,895,446; Jan. 31.
- Christopher, Edward F., and F. L. De Beukelaer, assignors to Swift & Company, Chicago, Ill. Glue preparation and product. 1,895,447; Jan. 31.
- Christopher, Frank E., Morgantown, W. Va. Air spring and cushion. 1,903,775; Apr. 18.
- Christopherson, Alfred C., assignor to Hacker Manufacturing Co., Chicago, Ill. Apparatus for marking objects. 1,906,876; May 2.
- Christopherson, Knute, Minneapolis, Minn., assignor to The L. S. Starrett Company, Athol, Mass. Micrometer depth gauge. 1,922,758; Aug. 15.
- Christopherson, William G., Grosse Pointe Park, assignor to Morgan & Wright, Detroit, Mich. Connector and attaching the same. 1,926,263; Sept. 12.
- Christopherson, William G., Grosse Pointe Park, assignor to Morgan & Wright, Detroit, Mich. Making connectors. 1,933,705; Nov. 7.
- Christy, Allen H., assignor of forty per cent, to G. W. Thompson, Wood River, Ill. Battery terminal connector. 1,939,105; Dec. 12.
- Christy, Anker L. (See Harnsberger, A. E., and Christy.)
- Christy Elmer W., Cincinnati, Ohio. Display rail and hook. 1,930,965; Oct. 17.
- Christy, George C., Chicago, Ill. Lubricating device for locomotive journal boxes. 1,927,333; Sept. 19.
- Chromium Corporation of America. (See Granger, Edson R., assignor.)
- Chromy, Ben J., Hopkins, Minn. Radio receiving system. 1,940,661; Dec. 26.
- Chromy, Ben J., Hopkins, Minn., assignor to Wired Radio, Inc., New York, N. Y. Light modulating device. 1,894,942; Jan. 24.
- Chromy, Ben J., Hopkins, Minn., assignor to Wired Radio, Inc., New York, N. Y. Electrical transformer. 1,899,670; Feb. 28.
- Chromy, Ben J., Hopkins, Minn., assignor to Wired Radio, Inc., New York, N. Y. Electrical control system. 1,906,046; Apr. 25.
- Chrysler Corporation. (See Ball, F. O., Couture, and Cousino, assignors.)
- Chrysler Corporation. (See Breer, C., and Carpentier, assignors.)
- Chrysler Corporation. (See Calkins, William G., assignor.)
- Chrysler Corporation. (See Calkins, W. G., and Carpentier, assignors.)
- Chrysler Corporation. (See Calkins, W. G., and Tea, assignors.)
- Chrysler Corporation. (See Cochrane, Walter S., assignor.)
- Chrysler Corporation. (See Drude, Charles H., assignor.)
- Chrysler Corporation. (See Franzen, Tore, assignor.)
- Chrysler Corporation. (See Griffith, Raymond C., assignor.)
- Chrysler Corporation. (See Hadley, Newton F., assignor.)
- Chrysler Corporation. (See Hann, William E., assignor.)
- Chrysler Corporation. (See Herreshoff, Alexander G., assignor.)
- Chrysler Corporation. (See Hughes, James W., assignor.)
- Chrysler Corporation. (See Humphrey, C. L., and Lee, assignors.)
- Chrysler Corporation. (See Kapitke, A. T., and Bauroth, assignors.)
- Chrysler Corporation. (See Kent, P. J., and McKechnie, assignors.)
- Chrysler Corporation. (See Kincaid, Russell M., assignor.)
- Chrysler Corporation. (See King, Harold A., assignor.)
- Chrysler Corporation. (See Lamborn, F. J., and Ruppel, assignors.)
- Chrysler Corporation. (See Lee, Roger K., assignor.)
- Chrysler Corporation. (See Marker, Charles E., assignor.)
- Chrysler Corporation. (See Miller, C. W., and Goode, assignors.)
- Chrysler Corporation. (See Miller, Clarence R., assignor.)
- Chrysler Corporation. (See Lee, Roger K., assignor.)
- Chrysler Corporation. (See McCall, Charles D., assignor.)
- Chrysler Corporation. (See Mulhern, William A., assignor.)
- Chrysler Corporation. (See Pfeiffer, Karl, assignor.)
- Chrysler Corporation. (See Pfeiffer, K., and Drude, assignors.)
- Chrysler Corporation. (See Redford, Carlyle, assignor.)
- Chrysler Corporation. (See Sailer, John W., assignor.)
- Chrysler Corporation. (See Sanders, Rufus C., assignor.)
- Chrysler Corporation. (See Sanders, R. C., and Humphrey, assignors.)
- Chrysler Corporation. (See Shay, Edgar, assignor.)
- Chrysler Corporation. (See Sinclair, A. J., and Sailer, assignors.)
- Chrysler Corporation. (See Smith, Adelbert R., assignor.)
- Chrysler Corporation. (See Steensen, Bernard, assignor.)
- Chrysler Corporation. (See Tea, Clark A., assignor.)
- Chrysler Corporation. (See Thomas, Ulysses L., assignor.)
- Chrysler Corporation. (See Wallace, David A., assignor.)
- Chrysler Corporation. (See White, Jay E., assignor.)
- Chrysler Corporation. (See Woolson, Harry T., assignor.)
- Chrysler Corporation, et al. (See Zimmerli, W. F., and Havenhill, assignors.)
- Chryst, William A., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Double acting shock absorber. 1,895,339; Feb. 21.
- Chryst, William A., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber valve. 1,905,149; Apr. 25.
- Chryst, William G., Philadelphia, Pa. Hack saw machine. 1,936,047; Nov. 21.
- Chrystal, Joan O. (See Piercey, Maurice W., assignor.)
- Chrzescinski, Otto. (See Nawiasky, F., and Chrzescinski.)
- Chubb, Lewis W., Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Vernier motor. 1,894,979; Jan. 24.
- Chubb, Lewis W., Edgewood, Pa., assignor to Westinghouse Electric and Manufacturing Company. Photographic sound recording. 1,896,768; Feb. 7.
- Chubb Rowland N., Los Angeles, Calif. Sign and producing the same. 1,935,657; Nov. 7.
- Chuchry, Alex, et al. (See Dobrády, Béla, assignor.)
- Chuck, William B., New York, N. Y. Amusement device. 1,933,706; Nov. 7.

Chufar, Frank, and S. A. Halpny, Wheeling W. Va. Automobile headlight mechanism. 1,927,308; Sept. 19.

Chulstrom, John M., Elmhurst, assignor to The Western Union Telegraph Company, New York, N. Y. Pneumatic conveyor relay or terminal. 1,923,052; Aug. 15.

Church, Arthur E., Portland, Oreg. Lifting type of valve tool. 1,928,218; Sept. 26.

Church, Arthur E., Portland, Oreg. Compression type valve tool. 1,928,219; Sept. 26.

Church, Arthur W., et al., executors. (See Pushee, George D.)

Church, C. F., Mfg. Co. (See Guild, Lurelle, assignor.)

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Heavy duty automobile construction. 1,900,484; Mar. 7.

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 1,906,537; May 2.

Church, Harold D., assignor to The White Company, Cleveland, Ohio. Lubricating system for an internal combustion engine. 1,906,538; May 2.

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Transmission. 1,916,855; July 4.

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Spring connection for vehicles. 1,921,562; Aug. 8.

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Motor vehicle. 1,921,660; Aug. 8.

Church, Harold D., assignor to The White Motor Company, Cleveland, Ohio. Transmission. 1,928,782; Oct. 3.

Church, Harold D., Cleveland Heights, assignor to The White Motor Company, Cleveland, Ohio. Oiling mechanism. 1,939,765; Dec. 19.

Church, Harold D., and F. Jehle, assignors to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 1,894,667; Jan. 17.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Union. 1,898,617; Feb. 21.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding fitting. 1,900,485; Mar. 7.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Pipe coupler. 1,919,319; July 25.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Forming threaded bushings. 1,919,826; July 25.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Pipe coupler. 1,927,390; Sept. 19.

Church, Lewis H., Roselle, assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,904,409; Apr. 18.

Church, Lloyd E., Whittenburg, Tex., assignor to Phillips Petroleum Company, Bartlesville, Okla. Integrating orifice meters. 1,912,512; June 6.

Church, Louis K., deceased, Seattle, Wash.; R. H. Church, executrix. Striker plate. 1,917,240; July 11.

Church, Mary E., Belmont, Mass. Vision shield. 1,906,539; May 2.

Church, Mary S., Ellington, Mo. Smoke consumer. 1,925,303; Sept. 5.

Church, Roberta H., executrix. (See Church, Louis K.)

Church, Maynard D., assignor to Moore Steam Turbine Corporation, Wellsville, N. Y. Method and apparatus for controlling the heating of a fluid. 1,932,574; Oct. 31.

Church, Walter L., Houston, Tex. Blow-out preventer. 1,908,221; May 9.

Church, Walter L., assignor of one-half to Texas Iron Works Sales Corporation, Houston, Tex. Setting tool. 1,912,823; June 6.

Churcher, William B., assignor to The Glenn L. Martin Company, Baltimore, Md. Electric switch. 1,918,798; July 18.

Churchill, Alfred, and G. Haworth, assignors to Foot Appliances (Buxton) Limited, Buxton, England. Foot arch support. 1,934,591; Nov. 7.

Churchill Cabinet Company. (See Faber, Guy S., assignor.)

Churchill, Harry V. (See Blough, E., and Churchill, assignors.)

Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)

Churchill Machine Tool Company Limited. (See Mawer, Llywelyn, assignor.)

Churchward, Alexander, South Orange, assignor to Wilson Welder & Metals Company, Inc., Hoboken, N. J. Welding generator. 1,910,825; May 23.

Chute, Stanley J. (See Jacobs, G. T., Chute, and Forbes.)

Chute, Stanley J. (See Jacobs, G. T., Chute, and Krieg.)

Chutter, George A., Birmingham, Ala., assignor to General Electric Company. Regulating system. 1,940,295; Dec. 19.

Ciampa, Maria, London, England. Device for extracting juices from fruits. 1,941,164; Dec. 26.

Ciba Products Corporation. (See Haller, P., and Kapeler, assignors.)

Cibulas, Stephen E., Bridgeport, Conn. Turret or window construction. 1,905,802; Apr. 25.

Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Radiocabinet. Des. 89,628; Apr. 18.

Cimins, John B., Easton, Pa. Rotary engine. 1,933,415; Oct. 31.

Cincerla Washing Machine Company, The. (See Barker, Percy E., assignor.)

Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)

Cincinnati Advertising Products Company, The. (See Mattman, Gustave F., assignor.)

Cincinnati Advertising Products Company, The. (See Wing, George A., assignor.)

Cincinnati Ball Crank Company, The. (See Bell, William D., assignor.)

Cincinnati Ball Crank Company, The. (See Butler, Clyde G., assignor.)

Cincinnati Ball Crank Company, The. (See Harris, Cleo, assignor.)

Cincinnati Ball Crank Co., The. (See Munday, Richard B., assignor.)

Cincinnati Bickford Tool Company. (See Klausmeyer, David C., assignor.)

Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)

Cincinnati Car Corporation, The. (See Warhus, Oliver F., assignor.)

Cincinnati Galvanizing Company. (See Schott, George M., assignor.)

Cincinnati Galvanizing Company, The. (See Schott, Louis, assignor.)

Cincinnati Grinders Incorporated. (See Addison, Tom, assignor.)

Cincinnati Grinders Incorporated. (See Binns, George W., assignor.)

Cincinnati Grinders Incorporated. (See Booth, Clement, assignor.)

Cincinnati Grinders Incorporated. (See Cole, Raymond A., assignor.)

Cincinnati Grinders Incorporated. (See Einstein, S., and Haas, assignors.)

Cincinnati Grinders Incorporated. (See Ernst, Hans, assignor.)

Cincinnati Grinders Incorporated. (See Fritschi, Hans, assignor.)

Cincinnati Grinders Incorporated. (See Haas, Frederick S., assignor.)

Cincinnati Grinders Incorporated. (See Haas, F. S., and Booth, assignors.)

Cincinnati Grinders Incorporated. (See Haas, F. S., and Fritschi, assignors.)

Cincinnati Grinders Incorporated. (See Holmes, Harold W., assignor.)

Cincinnati Grinders Incorporated. (See Hopkins, Cecil W., assignor.)

Cincinnati Grinders Incorporated. (See Hopkins, C. W., and Caster, assignors.)

Cincinnati Grinders Incorporated. (See Hunt, Charles G., assignor.)

Cincinnati Grinders Incorporated. (See Kearns, Bernard A., assignor.)

Cincinnati Grinders Incorporated. (See Schulte, Clifford L., assignor.)

Cincinnati Grinders Incorporated. (See Strom, Andrew, assignor.)

Cincinnati Grinders Incorporated. (See Tegarden, Herbert K., assignor.)

Cincinnati Milling Machine Company, The. (See Archea, Walter D., assignor.)

Cincinnati Milling Machine Company, The. (See Averill, William D., assignor.)

Cincinnati Milling Machine Company, The. (See Blood, Louis H., assignor.)

Cincinnati Milling Machine Company, The. (See Blood, L. H., and Goodrich, assignors.)

Cincinnati Milling Machine Company, The. (See De Haas, M., and Sassen, assignors.)

Cincinnati Milling Machine Company. (See Einstein, S., and Nenninger, assignors.)

Cincinnati Milling Machine Company, The. (See Ernst, Hans, assignor.)

Cincinnati Milling Machine Company, The. (See Ernst, H., and Isler, assignors.)

Cincinnati Milling Machine Company, The. (See Ernst, H., and Martelotti, assignors.)

Cincinnati Milling Machine Company, The. (See Ernst, H., and Nenninger, assignors.)

Cincinnati Milling Machine Company, The. (See Hassman, Fred A., assignor.)

Cincinnati Milling Machine Company, The. (See Isler, Herman R., assignor.)

Cincinnati Milling Machine Company, The. (See Mehlohope, Lincoln E., assignor.)

Cincinnati Milling Machine Company, The. (See Muller, Wolfgang C., assignor.)

Cincinnati Milling Machine Company, The. (See Nenninger, Lester F., assignor.)

Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Archea, assignors.)

Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Hassman, assignors.)

Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Roehm, assignors.)

Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Romaine, assignors.)

Cincinnati Milling Machine Company, The. (See Nenninger, L. F., and Sassen, assignors.)

- Cincinnati Milling Machine Company, The. (See Pope, Howard L., assignor.)
- Cincinnati Milling Machine Company, The. (See Roehm, Erwin G., assignor.)
- Cincinnati Milling Machine Company, The. (See Romaine, Millard, assignor.)
- Cincinnati Milling Machine Company, The. (See Romaine, M., and Archea, assignors.)
- Cincinnati Milling Machine Company, The. (See Sassen, Bernard, assignor.)
- Cincinnati Milling Machine Company, The. (See Vancil, Edgar D., assignor.)
- Cincinnati Rubber Manufacturing Company, The. (See Joseph, John F., assignor.)
- Cincinnati Shaper Company. (See Hazelton, Robert T., assignor.)
- Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
- Cincinnati Tool Company, The. (See Harland, Albert T., assignor.)
- Cinderella Washing Machine Company, The. (See Barker, Percy E., assignor.)
- Cinderella Washing Machine Company, The. (See Case, Francis M., assignor.)
- Cinema Development Company. (See Walker, Walter D.)
- Cinema Patents Company. (See Mutscher, August E., assignor.)
- Cinnamond, Bessie M. (See Cinnamond, Joseph M., assignor.)
- Cinnamond, Joseph M., San Francisco, assignor to Bessie M. Cinnamond, Oakland, Calif. Sleeper. 1,911,433; May 30.
- Cinq-Mars, Legendre, San Francisco, Calif. Furnace. 1,913,584; June 13.
- Cipko, Joseph, New York, N. Y. Wire shaping machine. 1,900,160; Mar. 7.
- Cipitelli, Cesare, assignor to the Firm Voigt & Haefner A. G., Frankfurt-on-the-Main, Germany. Contact device. 1,900,977; Mar. 14.
- Cipriano, Philip. (See Sonetto, J., Cipriano, and Vercio.)
- Cipullo, Anthony H., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,901,551; Mar. 14.
- Ciravolo, Charles, Brooklyn, assignor to Columbia Needle Guard Corporation. Needle guard for sewing machines. 1,939,620; Dec. 12.
- Circle A Products Corporation. (See Oberdorfer, H. D., and True, assignors.)
- Circle F Mfg. Co. (See Petersen, Carl M., assignor.)
- Cirman, Frank, Rochester, N. Y. Antiskid device. 1,927,779; Sept. 19.
- Cislo, Casimir L., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 90,750; Sept. 26.
- Citizens National Bank, et al., executors. (See Evans, L. M., and Graham.)
- City Auto Stamping Company, The. (See Whitlock, George E., assignor.)
- City Machine & Tool Company, The. (See Ireland, George E., assignor.)
- City Machine & Tool Works, The. (See Mullen, T. J., and Powell.)
- City of Jacksonville, Fla. (See Mickler, Raymond Y., assignor.)
- City Refrigerator Company. (See Millar, J. F., and Hornung, assignors.)
- Clade, Robert. (See Black, A. R., and Clade.)
- Clæson, Jonas G., Hallstahammar, Sweden. Bar notching apparatus, especially for manufacturing hexagonal nuts. 1,912,971; June 6.
- Claff, C. Lloyd, administrator. (See Claff, Mark B.)
- Claff, Clarence L., Randolph, Mass. Paper box and making the same. 1,917,496; July 11.
- Claff, Mark B., deceased, by C. Lloyd Claff, administrator, Randolph, Mass. Paper box. 1,910,002; May 23.
- Clafin, Alan A., Winchester, Mass., assignor to Niacet Chemicals Corporation. Mordanting assistant and using the same. 1,911,307; May 30.
- Clafin, Harry C., Cleveland, Ohio, assignor to Beryllium Development Corporation, New York, N. Y. Recovery of metallic oxides from ores. 1,929,014; Oct. 3.
- Clafin Products Incorporated. (See Clafin, William B., jr., assignor.)
- Clafin, William B., jr., assignor to Clafin Products Incorporated, New Canaan, Conn. Trouser hanger. 1,899,942; Mar. 7.
- Clamer, George F., Collegeville, Pa. Automatic damper regulator. 1,926,513; Sept. 12.
- Clamer, Guillian H., Atlantic City, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Electric induction furnace and operating it. 1,939,623; Dec. 12.
- Clamer, Guillian H., Atlantic City, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Electric induction furnace method. 1,940,622; Dec. 19.
- Clampet, William V., et al. (See Mortimer, Samuel E.)
- Clan Engineering Patents Limited, The. (See Cross, A., and Brown, assignors.)
- Clancy, Leo V. (See Croce, Alphonse U., assignor.)
- Claney, Patricia, San Diego, Calif. Corrective brassière. 1,937,008; Nov. 28.
- Clapp, Albert L., Danvers, Mass. Manufacture of fibrous articles. 1,900,427; Mar. 7.
- Clapp, Albert L., Danvers, Mass. Cooking utensil. 1,941,145; Dec. 26.
- Clapp, E. H., Rubber Company. (See Sleeper, Myron O., assignor.)
- Clapp, George A., et al. (See Sleeper, Myron O., assignor.)
- Clapp, Kenneth S., and T. H. Eickhoff, Cleveland, Ohio. Lubricator pump. 1,898,815; Feb. 21.
- Clapp, Kenneth S., and T. H. Eickhoff, Cleveland, Ohio. Apparatus and method for handling fluent materials. 1,908,117; May 9.
- Clapp, Lawrence R., Woodbury, and G. W. James, Oxford, Conn., assignors, by mesne assignments, to Rolling Process, Inc., New York, N. Y. Rolling metals. 1,936,582; Nov. 28.
- Clapp, Lawrence R., Woodbury, and G. W. James, Oxford, Conn., assignors, by mesne assignments, to Rolling Process, Inc., New York, N. Y. Cold rolling metals. 1,936,583; Nov. 28.
- Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Compressor controlling mechanism. 1,914,594; June 20.
- Clapp, Lewis J., Claremont, N. H., assignor to Sullivan Machinery Company. Compressor mechanism. 1,918,247; July 18.
- Clapp, Otis, & Son, Inc. (See Stacy, John E., assignor.)
- Clapp, William H., Pasadena, Calif. Oil well pumping apparatus. 1,909,659; May 16.
- Clapper, John S., assignor to Toro Manufacturing Company, Minneapolis, Minn. Lawn mower wheel. 1,930,835; Oct. 17.
- Clapper, John S., Minneapolis, Minn., and J. Ross, La Porte, Ind., assignors, by mesne assignments, to Allis-Chalmers Manufacturing Company. Tractor. 1,914,683; June 20.
- Clapsadle, Leo J., Buffalo, N. Y., assignor to Carbide & Carbon Chemicals Corporation. Foam prevention agent. 1,899,610; Feb. 28.
- Clapson, William J., and J. R. Sheppard, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Accelerating the vulcanization of rubber and product thereof. 1,926,740; Sept. 12.
- Clarge Fan Company. (See Downs, Sewell H., assignor.)
- Clarin, Georg F., Stockholm, Sweden. Cork-pulling machine. 1,938,484; Dec. 5.
- Clarin Mfg. Co. (See Hambrook, G. W., and Clarin, assignors.)
- Clarin, Werner E. (See Hambrook, G. W., and Clarin.)
- Clarin, Werner E., Chicago, Ill. Folding chair. 1,900,486; Mar. 7.
- Clark, Allan J., and W. H. Todd, Lead, S. Dak. Apparatus for the recovery of gold. 1,894,159; Jan. 10.
- Clark, Andrew B., assignor of one-half to Judge R. Luke, Thomasville, Ga. Sewing machine attachment. 1,924,981; Aug. 29.
- Clark, Arthur M., Norton-on-Tees, assignor to Imperial Chemical Industries, Limited, London, England. Collection of sulphur from gases or vapors. 1,905,901; Apr. 25.
- Clark, Arthur M., Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Recovery of sulphur dioxide from gases. 1,908,731; May 16.
- Clark, Barbara, Boston, Mass. Tunnel toy. 1,917,018; July 4.
- Clark Box Company, The. (See Merritt, Charles H., assignor.)
- Clark Brothers Chewing Gum Company. (See Critchfield, James W., assignor.)
- Clark Bros. Co. (See Clark, C. P., and Björnsson, assignors.)
- Clark, Byron S., assignor, by mesne assignments, to Benedict Stone Products Company, Chicago, Ill. Leveling and troweling device for concrete. 1,926,193; Sept. 12.
- Clark, Carl W., Bethesda, assignor of one-fourth to C. L. Ayers, St. Clairsville, and one-fourth to S. T. Vaughn, Bethesda, Ohio. Piston ring. 1,904,410; Apr. 18.
- Clark, Charles, Plattsmouth, Nebr. Railroad tractor tie spacer. 1,925,304; Sept. 5.
- Clark, Charles A., Mill Shoals, Ill. Track lubrication. 1,915,216; June 20.
- Clark, Charles E., West Hartford, Conn. Heat exchange device. 1,920,357; Aug. 1.
- Clark, Charles G. (See Beardslee, A. C., and Clark.)
- Clark, Charles H., New York, N. Y. Flexible coupling. 1,921,910; Aug. 8.
- Clark, Charles P., Olean, and C. A. Björnsson, Wellsville, N. Y., assignors to Clark Bros. Co., Olean, N. Y. Double acting internal combustion engine. 1,904,854; Apr. 18.
- Clark, Curtis L., Eddy, Tex. Game. 1,917,700; July 11.
- Clark-Cutler-McDermott Company. (See McDermott, Thomas S., assignor.)
- Clark, Cyril B., Scarsdale, assignor to Catalytic Process Corporation, New York, N. Y. Manufacture of sulphuric acid. 1,896,287; Feb. 7.
- Clark, Cyril B., Scarsdale, assignor to General Chemical Company, New York, N. Y. Roasting sulphide ores. 1,912,621; June 6.
- Clark, Cyril B., Scarsdale, assignor to Catalytic Process Corporation, New York, N. Y. Making contact sulphuric acid. 1,915,270; June 27.
- Clark, Cyril B., Scarsdale, assignor to Catalytic Process Corporation, New York, N. Y. Making contact sulphuric acid. 1,923,256; Aug. 22.
- Clark, David B., Oxford, Mass., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Apparatus for testing dielectric strength of fluid. 1,926,084; Sept. 12.

- Clark, David B., Lebanon, Ind., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Oil testing apparatus. 1,937,744; Dec. 5.
- Clark, David W. (See Henne, A. H., and Clark.)
- Clark, David W., Montreal, Quebec, Canada, assignor to John A. Roebling's Sons Company, Trenton, N. J. Wire rope and strand preforming device. 1,894,756; Jan. 17.
- Clark, Dolph M., Portland, Oreg. Liquid dispensing apparatus. 1,896,134; Feb. 7.
- Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Thermostatic switch. 1,899,671; Feb. 28.
- Clark, Edgar H., Richmond Hill, N. Y. Translating and recording device. 1,913,831; June 13.
- Clark, Edgar M., Greenwich, Conn., assignor to Standard-I. G. Company. Method and apparatus for hydrogenation and distillation. 1,902,015; Mar. 21.
- Clark, Edgar M., New York, N. Y., assignor to Standard-I. G. Company. Treatment of petroleum. 1,933,047; Oct. 31.
- Clark, Edgar M., assignor to Standard-I. G. Company. Greenwich, Conn. Destructive hydrogenation of hydrocarbon oil to form improved lubricants. 1,934,037; Nov. 7.
- Clark, Edward A., Salline, Mich. Folding game table. 1,901,732; Mar. 14.
- Clark, Edward E. (See Fenton, R. M., and Clark.)
- Clark, Ebert G., Melrose, Mass. Sealing device. 1,911,060; May 23.
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark Equipment Company. (See Clark, Eugene B., assignor.)
- Clark Equipment Company. (See Lapsley, Robert, assignor.)
- Clark Equipment Company. (See Mogford, E. C., and Spatta, assignors.)
- Clark Equipment Company. (See Spatta, George, assignor.)
- Clark, Ernest, Abington, assignor to Abington Textile Machinery Works, Boston, Mass. Pneumatic stripper for carding engines. 1,905,265; Apr. 25.
- Clark, Ernest E., Kansas City, Mo. Inkstand. 1,899,182; Feb. 28.
- Clark, Ernest W., Schenectady, N. Y., assignor to General Electric Company. Wire drawing machine. 1,905,803; Apr. 25.
- Clark, Eugene B., assignor to Clark Equipment Company. Buchanan, Mich. Axle. 1,895,311; Jan. 24.
- Clark, Eugene B., assignor to Clark Equipment Company, Buchanan, Mich. Making axle housings. 1,905,150; Apr. 25.
- Clark, Eugene F., Damariscotta, Me., assignor to Marshall Field Mills Corporation, Philadelphia, Pa. Tuft yarn frame for looms for weaving tufted pile fabric. 1,901,435; Mar. 14.
- Clark, Eugene F., Damariscotta, Me., assignor to Marshall Field Mills Corporation, Philadelphia, Pa. Machine for treating pile fabrics. 1,908,957; May 16.
- Clark, Frank G., assignor to St. Paul Hydraulic Hoist Company, St. Paul, Minn. Hoist for tilting dump bodies. 1,932,690; Oct. 31.
- Clark, Frank J., Battle Creek, Mich. Fire extinguisher. 1,912,759; June 6.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Treating aluminum. Re18,833; May 16.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 1,895,376; Jan. 24.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Insulating composition. 1,902,489; Mar. 21.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric material for electrical devices. 1,931,373; Oct. 17.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric materials for electrical devices. 1,931,455; Oct. 17.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid composition and electrical apparatus containing same. 1,935,595; Nov. 14.
- Clark, Frank W., assignor to Sanford Mills, Sanford, Maine. Carpet joint and uniting strip therefor. 1,917,430; July 11.
- Clark, Fred, Gladewater, Tex. Drilling bit. 1,914,735; June 20.
- Clark, Frederick J., Buffalo, N. Y., assignor to Steam Pressing Iron Company, Chicago, Ill. Pressing iron. 1,905,804; Apr. 25.
- Clark, Frederick J., assignor, by direct and mesne assignments, of one-half to Eastman Machine Company, Buffalo, N. Y., and one-half to The Wolf Machine Company, Cincinnati, Ohio. Cutting machine. 1,921,249; Aug. 8.
- Clark, George A., Elwood, Nebr. Pessary. 1,896,071; Feb. 7.
- Clark, George D., Sharpsville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid-flow indicator. 1,899,672; Feb. 28.
- Clark, George D., Sharpsville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Indicating device. 1,911,350; May 30.
- Clark, George E., assignor to The George P. Clark Company, Windsor Locks, Conn. Fastening means for securing the ends of a length of material to a reel. 1,901,949; Mar. 21.
- Clark, George F. (See Stanley, H. H. V., and Clark.)
- Clark, George F., West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic stopping device for talking machines. 1,905,151; Apr. 25.
- Clark, George F., West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Repeating device for talking machines. 1,926,580; Sept. 12.
- Clark, George H., Bend, Oreg., assignor to Air Reduction Company, Incorporated, New York, N. Y. Saw welding clamp. 1,930,642; Oct. 17.
- Clark, George H., and J. I. Deters, assignors to The Formica Insulation Company, Cincinnati, Ohio. Securing a bearing within a pulley. 1,903,776; Apr. 18.
- Clark, George M., Lynn, Mass. Method of and mechanism for treating stereotype matrices. 1,935,352; Nov. 14.
- Clark, George P., Company, The. (See Clark, George E., assignor.)
- Clark, George W., assignor to E. H. Broadwell, receiver of the Westfield Manufacturing Company, Westfield, Mass. Bicycle frame or the like. Des. 90,104; June 13.
- Clark, Harold W. (See Hoskins, William, assignor.)
- Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Sales book and holder. 1,913,190; June 6.
- Clark, Harold W., assignor to The Buckeye Jack Manufacturing Company, Alliance, Ohio. Lifting jack. 1,926,711; Sept. 12.
- Clark, Harold W., assignor to The Buckeye Jack Manufacturing Company, Alliance, Ohio. Lifting jack. 1,926,712; Sept. 12.
- Clark, Harry A., Detroit, Mich. Necktie construction. 1,900,800; Mar. 7.
- Clark, Harry O., Philadelphia, Pa. Brake mechanism controlled by steering means. 1,894,160; Jan. 10.
- Clark, Henry A. M., assignor to Columbia Graphophone Company, Limited, London, England. Electric sound recorder. 1,928,169; Sept. 26.
- Clarke, Henry B., Garden City, N. Y., assignor to Lubrication Control Corporation, Chicago, Ill. Lubricating system. 1,906,540; May 2.
- Clark, Henry F., New Kensington, assignor to American Window Glass Company, Pittsburgh, Pa. Glass drawing apparatus. 1,901,896; Mar. 21.
- Clark, Homer J., Des Moines, Iowa. Portable mill. 1,910,519; May 23.
- Clark, Horace N., Bridgewater Township, Somerset County, N. J., assignor to Refractory and Engineering Corporation, New York, N. Y. Insulating concrete. 1,920,358; Aug. 1.
- Clark, J. L., Manufacturing Co. (See Mills, Wallace C., assignor.)
- Clark, J. R. Co., The. (See Kalgren, John E., assignor.)
- Clark, Jeddiah B., assignor to Indiana Glass Company, Dunkirk, Ind. Jar. Des. 89,437; Mar. 14.
- Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Suspender adjusting device. 1,908,405; May 9.
- Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Slide loop. 1,920,549; Aug. 1.
- Clark, John M., Detroit, Mich., and I. D. Ford, Roseland, Ontario, Canada, assignors to Universal Button Fastening and Button Company, Detroit, Mich. Buttons and their manufacture. 1,920,497; Aug. 1.
- Clark, John O., St. Louis, Mo., assignor, by mesne assignments, to American Manganese Steel Company. Excavating tooth base with laterally interlocked points. 1,917,431; July 11.
- Clark, John O'F., University City, Mo., assignor to American Manganese Steel Company, Chicago Heights, Ill. Sectional heat resisting metallic surface. 1,932,243; Oct. 24.
- Clark, John W., New York, N. Y. Paper wrapper for expansible materials. 1,920,841; Aug. 1.
- Clark, Joseph G., and C. A. Masterman, Westminster, England. Flexible tubing. 1,928,992; Oct. 3.
- Clark, Joseph S., Baltimore, Md. Holding and squeezing mechanism for paste tubes. 1,927,278; Sept. 19.
- Clark, Lancaster P., jr., South Norwalk, Conn. Electrical plug device. 1,926,228; Sept. 12.
- Clark, Lee H., Haverford, assignor to The Sharples Specialty Company, Philadelphia, Pa. Filter. 1,905,806; Apr. 25.
- Clark, Lee H., Ardmore, assignor to The Sharples Specialty Company, Philadelphia, Pa. Manufacture of malt extract. 1,920,461; Aug. 1.
- Clark, Leroy V. (See Spaeth, C. P., and Clark.)
- Clark, Leslie M., and H. M. Spittle, Northwich, assignors to Imperial Chemical Industries, Limited, London, England. Sodium aluminate. 1,931,374; Oct. 17.
- Clark, Leverett M., assignor to Waugh Equipment Company, Depew, N. Y. Draft gear. 1,940,446; Dec. 19.
- Clark Loose Leaf Manufacturing Company. (See Kemp, John B., assignor.)
- Clark, Louis F., and C. L. Wallfred, Shorewood, assignors to A. O. Smith Corporation, Milwaukee, Wis. Ore treating machine. 1,940,246; Dec. 19.

- Clark, Major T., Elmsford, N. Y. Circular grip pliers. 1,910,750; May 23.
- Clark, Malcolm S., Warren, Oh'io. Making automobile chassis. 1,911,061; May 23.
- Clark Manufacturing Company, The. (See Strong, Leslie P., assignor.)
- Clark, Martha W., Barrington, Ill. Infant garment. 1,926,194; Sept. 12.
- Clark, Melville, Syracuse, N. Y. Tone amplifier. 1,896,683; Feb. 7.
- Clark, Meredith, Hempstead, Long Island, N. Y. Amusement device. 1,928,281; Sept. 26.
- Clark, Percy R., Ploesti, Rumania. Wire rope or cable making machine. 1,924,772; Aug. 29.
- Clark, Peter. (See Weidhaas, G. A., Clark and Harding, assignors.)
- Clark, Peter, New York, N. Y. Stage. 1,922,525; Aug. 15.
- Clark, Ralph O., Memphis, Tenn. Photograph mounting. 1,917,922; July 11.
- Clark, Raymond L., assignor, by mesne assignments, to Armorite Equipment Incorporated, Rochester, N. Y. Stupefying gas distributor. 1,924,025; Aug. 22.
- Clark, Raymond L., assignor, by mesne assignments, to Armorite Equipment Incorporated, Rochester, N. Y. Institutional bed. 1,924,026; Aug. 22.
- Clark, Raymond P., assignor to Clark Stek-O Corporation, Rochester, N. Y. Fruit packer. 1,919,414; July 25.
- Clark, Robert C., and A. E. Hahn, San Francisco, Calif. Attachment for interchangeable handles. 1,937,549; Dec. 5.
- Clark, Sheldon. (See Vaile, Pembroke, A., assignor.)
- Clark Stek-O Corporation. (See Clark, Raymond P., assignor.)
- Clark, Stewart H., Union City, Ind. Gasket. 1,893,399; Jan. 3.
- Clark, Stewart H., Union City, Ind. Gasket. 1,912,255; May 30.
- Clark, Stuart B., Riverton, assignor to United States Pipe & Foundry Company, Burlington, N. J. Casting pipes. 1,897,631; Feb. 14.
- Clark, Stuart B., Riverton, assignor to United States Pipe & Foundry Company, Burlington, N. J. Centrifugal pipe casting apparatus. 1,899,383; Feb. 28.
- Clark, Theodore E., Redford, assignor to General Motors Corporation, Detroit, Mich. Measuring devices. 1,903,090; Mar. 28.
- Clark, Thomas B. (See Sweeney, O. R., and Clark.)
- Clark, Thomas B., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Water softening system and means for controlling operation thereof. 1,903,957; Apr. 18.
- Clark, Thomas B., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Water softener. 1,903,958; Apr. 18.
- Clark, Thomas H., Marion, Ohio. Burial vault. 1,924,027; Aug. 22.
- Clark, Thomas N., Dock Island, Ill. Device for handling automobile wheels and tires. 1,892,979; Jan. 3.
- Clark Tractor Company. (See Burrows, Robert J., assignor.)
- Clark Tractor Company. (See Contois, Ely J., assignor.)
- Clark Tractor Company. (See Williams, Alfred O., assignor.)
- Clark Tractor Company. (See Yeakel, Walter C., assignor.)
- Clark, W. G., et al., executors. (See Weston, Edward B., assignor.)
- Clark, Wallace S., Schenectady, N. Y., assignor to General Electric Company. Electric cable system. 1,933,312; Oct. 31.
- Clark, Wallace S., Schenectady, N. Y., assignor to General Electric Company. Cable system. 1,933,313; Oct. 31.
- Clark, Walter J., assignor to Coe Laboratories Inc., Chicago, Ill. Investment vibrator. 1,918,018; July 11.
- Clark, Warner, et al. (See McCarty, Madison P., assignor.)
- Clark, Will A., St. Louis, Mo. Liquid dispenser. 1,933,893; Nov. 7.
- Clark, Will M., South Orange, N. J. Self-starting cream remover. 1,915,403; June 27.
- Clark, Willard F., Chicago, Ill. Radiator cap ornament. Des. 89,502; Mar. 21.
- Clark, William T., Boston, Mass. Rain and sun shield for vehicles. 1,900,097; Mar. 7.
- Clark, William T., Milwaukee, Wis. Renewable link cartridge fuse. 1,907,739; May 9.
- Clark, William T., Milwaukee, Wis. Renewable link cartridge fuse. 1,907,740; May 9.
- Clark, William T., Philadelphia, Pa. Glare shield. 1,931,020; Oct. 17.
- Clarke, Alex A., Chicago, Ill., assignor to T. B. Bennett, Muskegon, Mich., and himself jointly. Wood surfacing machine. 1,900,331; Mar. 7.
- Clarke, Alex A., Chicago, Ill., assignor to T. B. Bennett, Muskegon, Mich., and himself jointly. Motor driven hand tool. 1,932,511; Oct. 31.
- Clarke, Axel A., and J. Wilkiewicz, Chicago, Ill., assignors, by direct and mesne assignments, to said Clarke and T. B. Bennett, Muskegon, Mich. Electric motor. 1,910,321; May 23.
- Clarke, Allen W., Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Buffer mechanism for car doors. 1,894,668; Jan. 17.
- Clarke, Allen W., Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Container car. 1,937,550; Dec. 5.
- Clarke, Allen W., Berwick, Pa., assignor to American Car Foundry Company, New York, N. Y. Ball frame for shaker chutes. 1,917,923; July 11.
- Clarke Chapman & Company. (See Woodeson, William A., assignor.)
- Clarke, Charles J., Kingsburg, Calif. Fishing rod. 1,897,889; Feb. 14.
- Clarke, Clem S. (See Ourieff, Paul, assignor.)
- Clarke, Douglas C. (See Duell, C. H., Brisbane, and Clarke.)
- Clarke, Edward J., Charing Cross, England, assignor, by mesne assignments, to American Murex Corporation, New York, N. Y. Electrode for electric arc welding or soldering. 1,893,160; Jan. 3.
- Clarke, Eugene C., Chambersburg, assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Flash roasting unit. 1,929,308; Oct. 3.
- Clarke, Frank. (See Anson, Edwin G., assignor.)
- Clarke, Frank, St. Louis, Mo., assignor to Pittsburgh Plate Glass Company. Ornamental glass. 1,916,753; July 4.
- Clarke, Hans T., New York, and D. F. Othmer, assignors to Eastman Kodak Company, Rochester, N. Y. Dehydrating aqueous acetic acid with trichlorethylene. 1,908,508; May 9.
- Clarke, Hans T., New York, and C. E. Waring, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose ester composition. 1,930,142; Oct. 10.
- Clarke, Harold E., West Somerville, Mass. Foot measurer. 1,926,581; Sept. 12.
- Clarke, Harry R., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,901,898; Mar. 21.
- Clarke, Henry J. (See Phillips, H. R., and Clarke.)
- Clarke, Ira M., assignor to The New Martinsville Glass Mfg. Co., New Martinsville, W. Va. Tumbler or similar article. Des. 90,869; Oct. 17.
- Clarke, James H., and W. R., Cleveland, Ohio. Sprinkler head. 1,912,067; May 30.
- Clarke, John A., jr., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic control system. 1,909,044; May 16.
- Clarke, John L., Lachine, Quebec, Canada, assignor to American Telephone and Telegraph Company. Preventing bias in telegraph systems. 1,937,640; Dec. 5.
- Clarke, John S., jr., assignor to Pix Theatres Inc., New York, N. Y. Theater. Des. 90,751; Sept. 26.
- Clarke, Philip S. (See Merrill, D. R., and Clarke.)
- Clarke, Phillips H. (See Johnson, H. P., and Clarke.)
- Clarke, Walter R., assignor to The Vulcan Radiator Company, Hartford, Conn. Heat transfer unit. 1,916,656; July 4.
- Clarke, Walter W., and J. J. Borusky, Two Rivers, Wis. Calculating cheese cutter. 1,926,195; Sept. 12.
- Clarke, William B. (See Clarke, James H. and W. R.)
- Clarkin, John P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator door. 1,910,822; May 23.
- Clarkson, Bradley E., assignor to Atlas Bolt & Screw Company, Cleveland, Ohio. Cable connecting and sealing means. 1,918,381; July 18.
- Clarkson, John L., Nashville, Ill. Power loader. 1,904,355; Apr. 18.
- Clarkson, Richard G. (See Downing, F. B., and Clarkson.)
- Clarkson, Russell, Deptford, London, England. Packing machinery. 1,903,959; Apr. 18.
- Clarkson Thimble Tube Boiler Company, Limited, The. (See Fountain, Howard J., assignor.)
- Clarkson, Thomas, Wilmington, Del. Burner control system. 1,923,614; Aug. 22.
- Clary, Guy C. (See Malvern, E. N., Clary, and Jones.)
- Clary, Jan P. (See Brown, Hazel P., assignor.)
- Clary, Jan P. (See Gustafson, Edwin P., assignor.)
- Clary, Jan P. (See Haley, John W., assignor.)
- Clasen, Claus J. W., Davenport, assignor to The Bettendorf Company, Bettendorf, Iowa. Railway truck. 1,907,505; May 9.
- Clauberg, Herman P., Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism. 1,937,510; Dec. 5.
- Claude, Georges. (See Boucherot, P., and Claude.)
- Claude, Georges, Boulogne sur Seine, France, assignor to Claude Neon Lights, Inc., New York, N. Y. Luminescent tube. 1,903,492; Apr. 11.
- Claude Neon Electrical Products Corporation. (See Erickson, Ellis O., assignor.)
- Claude Neon Electrical Products Corporation. (See Harris, R. C., and Ellis, assignors.)
- Claude Neon Lights, Inc. (See Claude, Georges, assignor.)
- Claudiel, Charles H., assignor to Societe Anonyme la Co-operation Agricole & Industrielle, Vauxhautes, France. Carburetor. 1,895,785; Jan. 31.
- Claudiel, Charles H., assignor to Societe Anonyme la Co-operation Agricole & Industrielle, Vauxhautes, France. Carburetor. 1,934,940; Nov. 14.
- Claud-Mantle, Arthur. (See Moore, R. G., and Claud-Mantle.)

- Claus, Clyde E., Brooklyn, N. Y., assignor to Doehler Die-Casing Co. Casting die. 1,909,253; May 16.
- Claus, Emil A. (See Schlegel, J. W., and Claus.)
- Claus, Philip S., Detroit, Mich. Engine starting device. 1,899,229; Feb. 28.
- Claus, Walter, and E. Schmidt, assignors to Zellstoff-fabrik Waldhof, Mannheim-Waldhof, Germany. Separating cellulose or the like from treating liquid. 1,924,483; Aug. 29.
- Clausen, Arthur W., San Mateo, Calif. Muting device. 1,926,969; Sept. 12.
- Clausen, Harold C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,931,142; Oct. 17.
- Clausen, Leon R., assignor to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 1,930,643; Oct. 17.
- Clauser, Celeste H., administratrix. (See Eacock, C., and Clauser.)
- Clauser, Claude H. (See Eacock, C. J., and Clauser.)
- Clausen, Jurgen. See Rostock, O., and Clausen.)
- Clavel, Rene, Basel, Switzerland. Weighting natural silk. 1,920,063; July 25.
- Clavel, René, Basel, Switzerland. Loading artificial silk containing fabrics. 1,923,189; Aug. 22.
- Clavey, Edward A., Park Ridge, assignor to E. W. A. Rowles Co., Chicago, Ill. Eraser. 1,933,366; Oct. 31.
- Clavier, André G. (See Darbord, R. H., and Clavier.)
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Shield for leads from micro-ray tubes. 1,928,408; Sept. 26.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Microray wavemeter. 1,929,878; Oct. 10.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Direction finding system with microrays. 1,931,980; Oct. 24.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Conical adapter for microray transmission lines. 1,932,448; Oct. 31.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Microray transmission line. 1,937,745; Dec. 5.
- Clavier, André G., Glen Ridge, assignor to International Communications Laboratories, Inc., Newark, N. J. Microray vacuum tube. 1,938,065; Dec. 5.
- Clawson, Monroe S., Upper Montclair, N. J. Intermediate pouring unit. 1,924,638; Aug. 29.
- Clawson, Walter H., Norristown, Pa. Grate bar fastener. 1,910,985; May 23.
- Clay Equipment Corporation. (See Clay, Joseph B., assignor.)
- Clay Equipment Corporation. (See Clay, J. B., and Wilson, assignors.)
- Clay, Joseph B., Cedar Falls, Iowa. Ventilator. 1,913,974; June 13.
- Clay, Joseph B., assignor to Clay Equipment Corporation, Cedar Falls, Iowa. Combination ventilator and smoke pipe. 1,893,272; Jan. 3.
- Clay, Joseph B., Cedar Heights, and L. R. Wilson, Waterloo, assignors to Clay Equipment Corporation, Cedar Falls, Iowa. Window device. 1,899,943; Mar. 7.
- Clay, Noble S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Molded article. 1,912,931; June 6.
- Clay Reduction Company. (See Svendsen, Svend S., assignor.)
- Claybourn, L. W., and C. C. Sweet, Milwaukee, Wis. Method and means for preventing smutting. 1,933,161; Oct. 31.
- Claybourn, Leslie W., assignor to Claybourn Process Corporation, Milwaukee, Wis. Multicolor printing press. 1,919,462; July 25.
- Claybourn Process Corporation. (See Claybourn, Leslie W., assignor.)
- Claybourn Process Corporation. (See Dennis, William C., assignor.)
- Claycraft Mining & Brick Company, The. (See Tefft, Charles F., assignor.)
- Claypool, Wallace L., assignor to Westco-Chippewa Pump Company, Davenport, Iowa. Rotary pump. 1,909,756; May 16.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine looper mechanism. 1,907,040; May 2.
- Clayton, Andrew B., Union, assignor to Singer Manufacturing Company, Elizabeth, N. J. Throw-out looper mechanism for sewing machines. 1,915,923; June 27.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine feeding mechanism. 1,927,489; Sept. 19.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,934,259; Nov. 7.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper mechanism for sewing machines. 1,940,389; Dec. 19.
- Clayton Aniline Company, the Firm. (See Robinson, Rona, assignor.)
- Clayton, Bert A., Kewanee, Ill. Oil burner. 1,903,858; Apr. 18.
- Clayton, Joseph, New York, N. Y. Winding mechanism. 1,904,411; Apr. 18.
- Clayton & Lambert Manufacturing Company. (See Ironside, J., and Overly, assignors.)
- Clayton and Lambert Manufacturing Company. (See Lambert, Charles F., assignor.)
- Clayton, Martin M., Baden, Pa., assignor to National Electric Products Corporation, New York, N. Y. Elbow fitting for electrical systems. 1,901,897; Mar. 21.
- Clayton, Martin M., assignor to National Electric Products Corporation, Baden, Pa. Electrical take-off connection. 1,936,081; Nov. 21.
- Clayton, William F., Huntsville, assignor of one-third to W. E. James, Cullman, and one-third to N. E. James, Birmingham, Ala. Automatic thin place preventer. 1,930,001; Oct. 10.
- Claytor, Edward M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,909,094; May 16.
- Clear, Victor P., Valhalla, N. Y. Machine for making resistance elements. 1,936,934; Nov. 28.
- Cleaver, William F., Montreal, Quebec, Canada. Electromagnetic gear. 1,913,371; June 13.
- Cleaves, William S., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 1,911,805; May 30.
- Clegg, Dolph O., Bellefontaine, Ohio. Generator regulator for automotive vehicles. 1,917,097; July 4.
- Clem, Benjamin H., assignor of forty-nine per cent to J. A. Flaig & Son, New Madison, Ohio. Oscillatory incubator. 1,917,576; July 11.
- Clem, Elmer, Baytown, Tex. Spring wheel. 1,895,539; Jan. 31.
- Clem, Everett W., assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Paper drier. 1,908,406; May 9.
- Clemence, Elliott, Millburn, N. J., assignor, by mesne assignments, to The Monowatt Electric Corporation, Bridgeport, Conn. Current tap. 1,927,681; Sept. 19.
- Clemence, Elliott, Millburn, N. J., assignor, by mesne assignments, to The Monowatt Electric Corporation, Bridgeport, Conn. Lamp socket cluster. 1,936,423; Nov. 21.
- Clemence, Le Roy W. (See Raiziss, G. W., and Clemence, assignors.)
- Clemence, Norman, New York, N. Y., assignor to Scott Paper Company, Chester, Pa. Towel or similar article. Des. 89,169; Feb. 7.
- Clemencon, Claude, Claire-on-the-Rhone, France. Manufacturing crepes with threads of cellulose acetate artificial silk. 1,904,123; Apr. 18.
- Clemens, Clarence F., and A. H. Kemper, Dayton, Ohio. Vehicle spring. 1,909,610; May 16.
- Clemens, John A., Providence, R. I., assignor to Davol Rubber Company. Foldable container and blank therefor. 1,923,065; Aug. 22.
- Clement, Charles G., assignor to High-Way-Trailer Company, Edgerton, Wis. Tandem axle. 1,913,698; June 13.
- Clement, George A., Mount Vernon, N. Y. Multifocal lens and making same. 1,911,806; May 30.
- Clement, Hans, assignor to General Optical Company, Inc., New York, N. Y. Device for measuring pupillary distance. 1,935,175; Nov. 14.
- Clement, Ivan C., Greenwood, assignor to Submarine Signal Company, Boston, Mass. Sound receiving apparatus. 1,906,446; May 2.
- Clement, Lewis M., Mountain Lakes, assignor to Brandes Laboratories, Incorporated, Newark, N. J. Radioreceiver for conveyances. 1,915,290; June 27.
- Clement, Lewis M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,937,108; Nov. 28.
- Clement, Martin W., Haverford, R. L. Kleins, Philadelphia, and J. W. Rowland, Paoli, Pa. Railway clearance indicator. 1,936,828; Nov. 28.
- Clementi, Antonio, Vienna, Austria, assignor to the Firm Actiengesellschaft C. P. Goerz Optische Anstalt Actiova spolnocnost K. P. Goerz opticky ustav, Bratislava, Czechoslovakia. Apparatus for adjusting aircraft for a predetermined course. 1,920,959; Aug. 8.
- Clementi, Antonio, and I. Pechan, Vienna, Austria, assignors to Actiengesellschaft C. P. Goerz Optische Anstalt Actiova. Spolnocnost K. P. Goerz Opticky Ustav, Bratislava, Czechoslovakia. Aliming telescope. 1,913,793; June 13.
- Clements, Arthur L., Chicago, Ill., assignor to Dry-Zero Corporation, Wilmington, Del. Material-handling apparatus. 1,899,260; Feb. 28.
- Clements, Everett G. (See Kidd, Rollo J., assignor.)
- Clements Mfg. Co. (See Clements, William J., assignor.)
- Clements, William B., assignor to Bryant Paper Company, Kalamazoo, Mich. Driver for dandy-rolls. 1,911,434; May 30.
- Clements, William B. and G. P. Burggraf, assignors to Bryant Paper Company, Kalamazoo, Mich. Screen for paper stock and the like. 1,919,201; July 25.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Vacuum cleaner. 1,900,692; Mar. 7.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Vacuum cleaner. 1,926,370; Sept. 12.
- Clements, William J., River Forest, assignor to Clements Mfg. Co., Chicago, Ill. Vacuum cleaner. 1,918,519; July 18.

- Clemmensen, Erik, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of phenyl esters of phosphoric acid. 1,931,056; Oct. 17.
- Clemmensen, Erik, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of phenyl esters of phosphoric acid. 1,931,058; Oct. 17.
- Clemmensen, Erik, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Purification of aryl esters of phosphoric acid. 1,931,059; Oct. 17.
- Clemmensen, Erik, and R. M. Miller, St. Louis, Mo., assignors, by mesne assignments, to Monsanto Chemical Company. Refining phenols. 1,931,057; Oct. 17.
- Clemons, Herbert D., Sturgis, Mich., assignor to Scovill Manufacturing Company, Waterbury, Conn. Ball-cock. 1,901,633; Mar. 14.
- Clemons, Ralph W., Chicago, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,908,625; May 9.
- Clemons, Ralph W., Chicago, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Reel. 1,924,541; Aug. 29.
- Clemons, Dale R., Riverside, Ill., assignor to Western Electric Company, Inc., New York, N. Y. Electromagnetic device. 1,897,604; Feb. 14.
- Clemons, Dale R., Riverside, and W. R. Neumann, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyor system. 1,929,913; Oct. 10.
- Clemson Brothers, Inc. (See Clemson, Richard D., assignor.)
- Clemson, Richard D., assignor to Clemson Brothers, Inc., Middletown, N. Y. Saw set. 1,913,534; June 13.
- Clerc, Reinhard. (See Schoeller, W., Jordan, and Clerc.)
- Cleveland Automatic Machine Company, The. (See Brophy, John P., assignor.)
- Cleveland Automatic Machine Company, The. (See Ruppel, Harry W., assignor.)
- Cleveland Chain & Manufacturing Company, The. (See Dick, LeRoy I., assignor.)
- Cleveland, Clarence R., Homewood, assignor to Standard Oil Company, Chicago, Ill. Insect repellent. 1,911,551; May 30.
- Cleveland Cloth Mill Company. (See Craig, William P., assignor.)
- Cleveland Crane & Engineering Company, The. (See Bennington, Earl T., assignor.)
- Cleveland Crane & Engineering Company, The. (See Wehr, William G., assignor.)
- Cleveland Fare Box et al. (See Main, Andrew, assignor.)
- Cleveland Fare Box and Four-Way Lock Co. (See Main, Andrew, assignor.)
- Cleveland Folding Machine Company, The. (See Tufts, L. R., and Olson, assignors.)
- Cleveland Formgrader Company, The. (See Tullis, Jasper G., assignor.)
- Cleveland Graphite Bronze Company, The. (See Keruish, Edward P., assignor.)
- Cleveland Graphite Bronze Company, The. (See Klocke, William H., assignor.)
- Cleveland Graphite Bronze Company, The. (See Six, Walter J., assignor.)
- Cleveland Graphite Bronze Company, The. (See Stockfleth, Berger, assignor.)
- Cleveland Heater Company, The. (See Doen, Loran F., assignor.)
- Cleveland Liner & Manufacturing Company, The. (See Phillips, Ross S., assignor.)
- Cleveland Patents, Incorporated. (See Hickok, Robert D., assignor.)
- Cleveland Pneumatic Tool Company, The. (See De Mooy, John, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Gruss, Raymond L., assignor.)
- Cleveland Punch & Shear Works Company, The. (See Pardee, Robert J., assignor.)
- Cleveland Quarries Company, The. (See Owens, M. H., and Burr, assignors.)
- Cleveland Railway Supply Company, The. (See Neeson, William H., assignor.)
- Cleveland, Robert D. (See Ison, R. E., and Cleveland.)
- Cleveland, Robert D., assignor to Taylor Instrument Companies, Rochester, N. Y. Controlling mechanism. 1,916,300; July 4.
- Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
- Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
- Cleveland Rock Drill Company, The. (See Greve, Louis W., assignor.)
- Cleveland Rock Drill Company, The. (See Renfer, John E., assignor.)
- Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
- Cleveland Shock Absorber Company, The. (See Mallory, Bonnie L., assignor.)
- Cleveland Steel Barrel Company, The. (See Courtright, Harry F., assignor.)
- Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
- Cleveland Trust Company, The. (See Jardine, Frank, assignor.)
- Cleveland Trust Company, The, et al., executors. (See Netzel, Richard J., assignor.)
- Cleveland Trust Company, The, Trustee. (See Moore, George L., assignor.)
- Cleveland Twist Drill Company, The. (See Emmons, Joseph V., assignor.)
- Cleveland Twist Drill Company. (See Griffiths, Thomas F., assignor.)
- Cleveland Universal Jig Company, The. (See Batterman, E. F., and Verderber, assignors.)
- Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)
- Cleveland Welding Company, The. (See Kranz, H. W., Bound, and Fenzel, assignors.)
- Cleveland Welding Company. (See Kranz, H. W., Holden, and Uber, assignors.)
- Cleveland Welding Company, The. (See Kranz, H. W., and Mueller, assignors.)
- Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
- Cleveland Wire Spring Co., The. (See Sjolander, John L., assignor.)
- Cleveland Worm and Gear Company, The. (See Acker, George H., assignor.)
- Cleveland Wreath & Spray Company. (See Daum, Carrie O., assignor.)
- Cleveland Wrought Products Company, The. (See Kramer, Carl E., assignor.)
- Clevenger, Galen H., Brookline, Mass., assignor to United States Smelting, Refining & Mining Company, Portland, Me. Pipe closure. 1,898,714; Feb. 21.
- Clewell, John H., Arlington, N. J., assignor to Du Pont Viscoloid Company, Wilmington, Del. Safety glass. 1,915,048; June 20.
- Clewett, Clarence E. (See Mason, Edward, assignor.)
- Clickner, Earle D. (See Russell, S. G., and Clickner.)
- Cliddon, Gordon H. (See Ames, A., Jr., and Gliddon.)
- Cliffe, Albert W., Lansdowne, Ontario, Canada. Shock absorber for seats. 1,926,763; Sept. 12.
- Clifford, Albert M., Stow, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Age resistor. 1,894,230; Jan. 10.
- Clifford, Albert M., Stow, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Antioxidant. 1,894,231; Jan. 10.
- Clifford, Albert M., Stow, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Age retarder. 1,923,706; Aug. 22.
- Clifford, Albert M., Stow, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Antioxidant. 1,923,707; Aug. 22.
- Clifford, Albert M., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Preparing di-naphthyl amines. 1,913,332; June 6.
- Clifford, Albert M., Stow, and W. M. Lauter, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Age retarders. 1,906,314; May 2.
- Clifford, Dell G., Chicago, Ill. Concrete laying machine. 1,897,605; Feb. 14.
- Clifford, James J. (See Rubin, S. H., and Clifford.)
- Clifford Manufacturing Co. (See Clifford, Walter B., assignor.)
- Clifford, Roger W., Schenectady, N. Y. Crosshead. 1,911,807; May 30.
- Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Packless valve. 1,906,313; May 2.
- Clifton & Baird Limited. (See Syme, James, assignor.)
- Clifton, Gilbert M., Perry, Iowa. Pliers. 1,915,404; June 27.
- Clifton Manufacturing Company. (See Harper, Samuel R., assignor.)
- Climax Engineering Company, The. (See Alexander, R. L., and McCallum, assignors.)
- Climax Engineering Company, The. (See Mallory, Edward E., assignor.)
- Climax Engineering Company. (See Waters, H. H., and Gagg, assignors.)
- Climax Motorenwerke und Schiffswerft Linz A. G. (See Mandler, Eugen, assignor.)
- Clime, Albert H. (See Denton, E. C. H., and Clime.)
- Climer, Herschel, Vega, Tex. Grain separator. 1,907,344; May 2.
- Clime, Allan J. (See Strand, Lody M., assignor.)
- Clime, Edward, Omaha, Nebr. Cooling system. 1,926,970; Sept. 12.
- Clime, Robert W., San Jose, Calif. Boiler cleaner. 1,933,138; Oct. 31.
- Clingenstein, Heinrich. (See Kalischer, G., Honold, Clingenstein and Dobmaier.)
- Clingenstein, Heinrich. (See Wiedemann, K., and Clingenstein.)
- Clingenstein, Heinrich. (See Zervas, P., and Clingenstein.)
- Clingenstein, Heinrich, Cologne, and K. Dobmaier, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble monoazo dyestuffs. 1,917,432; July 11.
- Clingenstein, Heinrich, Cologne-on-the-Rhine, and K. Wiedemann, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing chromium. 1,925,434; Sept. 5.
- Clingenstein, Heinrich, Cologne, and K. Dobmaier, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble diazodyestuffs. 1,940,662; Dec. 26.

- Clinical Supplies, Incorporated. (See Ziegler, Charles E., assignor.)
- Clink, Ira, Freman, Wash. Tool box. 1,933,894; Nov. 7.
- Clinton, Charles H., Hinsdale, and P. F. Theobald and R. H. Stitt, assignors to United States Gypsum Company, Chicago, Ill. Mineral wool and method of and apparatus for granulating same. 1,905,152; Apr. 25.
- Clinton Corn Syrup Refining Company. (See Bryant, Arthur P., assignor.)
- Clinton Corn Syrup Refining Company. (See Pattillo, Donald K., assignor.)
- Clinton Corn Syrup Refining Company. (See Pattillo, D. K., Corson, and Thompson, assignors.)
- Clinton Motors Corporation. (See Hoffmann, Edward A., assignor.)
- Clipper Belt Lacer Company. (See Diamond, James K., assignor.)
- Clipsham, Kenneth M. (See Jackson, M. B., and Clipsham.)
- Clocker, Archie, and G. F. MacFarlane, Wilkes-Barre, Pa. Lubricating and guiding means for spinning mechanisms. 1,931,431; Oct. 17.
- Cloer, Venus U. (See Sims, W. F., and Cloer.)
- Cloette & Muller. (See Schleich, Friedrich, assignor.)
- Cloke, Thomas H., Park Ridge, Ill. Direction indicator switch. 1,912,824; June 6.
- Clokey, Allison A., Rutherford, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Increasing visibility of stock quotation boards. 1,898,760; Feb. 21.
- Clokey, Allison A., Rutherford, assignor to International Communications Laboratories, Inc., Newark, N. J. Step-by-step transmitter. 1,898,761; Feb. 21.
- Clokey, Allison A., Rutherford, assignor to International Communications Laboratories, Inc., Newark, N. J. Selecting system using a single magnet. 1,898,762; Feb. 21.
- Clokey, Allison A., Rutherford, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Call box register circuit. 1,920,153; July 25.
- Clokey, Allison A., Rutherford, N. J., and M. H. Woodward, Springfield, N. Y., assignors to International Communications Laboratories, Inc., Newark, N. J. Telegraph system. 1,927,699; Sept. 19.
- Cloos, Wilmot D., South Orange, assignor, by mesne assignments, to Edison Cement Corporation, West Orange, N. J. Apparatus for delivery pulverized material. 1,917,827; July 11.
- Close, Ford C., New York, N. Y. Compositing pyroxylin. 1,916,880; July 4.
- Close, Ford C., New York, N. Y. Shoe making. 1,924,835; Aug. 29.
- Close, Lowell B. (See Huber, W. I., and Close.)
- Closure Service Company, The. (See Carvalho, Leslie R. N., assignor.)
- Clothier, Henry W., Newcastle-upon-Tyne, B. H. Leeson, Tynemouth, and H. Leben, Harrow, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Protective arrangements for sectionalized electric power circuits. 1,919,092; July 18.
- Cloud, Edgar B., Hood River, Oreg., assignor, by mesne assignments, to Archie R. McCrady, South Bend, Ind. Confection. 1,933,367; Oct. 31.
- Cloud, Raymond T., Chicago, Ill., assignor, by mesne assignments, to General Theatres Equipment, Inc., New York, N. Y. Ionic bombardment light source. 1,898,032; Feb. 21.
- Cloud, Raymond T., Chicago, Ill., assignor, by mesne assignments, to General Theatres Equipment, Inc., New York, N. Y. Producing high frequency light variations. 1,905,153; Apr. 25.
- Cloud, Raymond T., Chicago, Ill., assignor of one-half to E. M. Zelony, New York, N. Y. Electric amplifier. 1,907,741; May 9.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Lubricant pump. 1,897,300; Feb. 14.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Delivery mechanism for nut tappers. 1,901,146; Mar. 14.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Lubricant cooler. 1,904,412; Apr. 18.
- Clouse, William L., assignor to The National Machinery Co., Tiffin, Ohio. Forging machine. 1,905,620; Apr. 25.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Nut guide for tapping machines. 1,910,090; May 23.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Gauge for cold headers and the like. 1,921,845; Aug. 8.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Producing blanks for roll threaded bolts and the like. 1,929,184; Oct. 3.
- Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Rotatable transfer for metal-working machines. 1,932,396; Oct. 31.
- Clouser, Charles A. (See Eyer, Frank A., assignor.)
- Clouser, William W., Hackensack, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Beamless brake mechanism for railway cars. 1,939,106; Dec. 12.
- Clouth, Franz, Rheinische Gummiwarenfabrik Aktiengesellschaft. (See Böckmann, Gustav, assignor.)
- Clover Leaf Manufacturing Co. (See Bennett, Rexford P., assignor.)
- Clow, James B., & Sons. (See Carnahan, Glen C., assignor.)
- Clow, James B. & Sons. (See Dally, Eugene V., assignor.)
- Cluchey, George L., Flint, Mich. Heating apparatus. 1,914,077; June 13.
- Cluett, Peabody & Co. (See Buckingham, Alfred O., assignor.)
- Cluett, Peabody & Co. (See Fallor, James, assignor.)
- Cluett, Peabody & Co. (See Flannery, Vaughan, assignor.)
- Cluett, Peabody & Co., Inc. (See Kennedy, Richard O., assignor.)
- Cluett, Peabody & Co. (See McAuley, Samuel J., assignor.)
- Cluett, Peabody & Co., Inc. (See Almond, Lester L., Herrington, and Matthews, assignors.)
- Cluff, William R., New York, N. Y. Game board. Des. 89,438; Mar. 14.
- Clum Manufacturing Company. (See Sinner, Emil, assignor.)
- Clum Manufacturing Company. (See Snell, James C., assignor.)
- Clum Manufacturing Company. (See Winning, Robert K., assignor.)
- Clussman, Clinton G., San Diego, Calif. Garage door opening device. 1,931,404; Oct. 17.
- Clute, Donald. (See Ferris, J. P., Clute, and Wiedmann.)
- Clute, Donald, and L. Sterling, Detroit, Mich., assignors to The Oilgear Company, Milwaukee, Wis. Drilling machine. 1,911,138; May 23.
- Clutter, Carl J. (See House, C. M., and Clutter.)
- Clutts, Joshua K., Detroit, Mich. Blast furnace and charging same. 1,938,580; Dec. 12.
- Clyde, Annie. (See Mael, Earl E., assignor.)
- Clyde Iron Works. (See Berbey, Ola L., assignor.)
- Clymer, Dewey. (See West, E. E., and Clymer.)
- Clyne, Robert G. (See Olin, Franklin W. and J. M., and Clyne.)
- Coady, James W., Halifax, Nova Scotia, Canada. Lubricating means for journal bearings. 1,906,840; May 2.
- Coakley, William E. (See Wilcox, H. C., and Coakley.)
- Coakson, Douglas, et al. (See Milam, Oran A., assignor.)
- Coal and Chemical, Ltd. (See Ramage, Alexander S., assignor.)
- Coalescence Products Company. (See Osborn, W. H., and Stout, assignors.)
- Coalsion, Douglas. (See Taylor, James Y., assignor.)
- Coast Insulating Company. (See Smith, Herbert C., assignor.)
- Coated Paper Products Company, The. (See Gluck, Alva F., assignor.)
- Coated Paper Products Company, The. (See Gluck, Fred C., assignor.)
- Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Duplex equalizing apparatus. 1,901,436; Mar. 14.
- Coates, Herbert J., Birmingham, assignor to The General Electric Company Limited, London, England. Electric motor control system. 1,936,448; Nov. 21.
- Coates, James W. (See Keating, J. H., and Coates.)
- Coates, Paul N., St. Paul, Minn. Golf scoring device. 1,914,078; June 13.
- Coats, George S., Visalia, Calif. Packless turbine pump shaft. 1,905,368; Apr. 25.
- Coats, J. & P. (Rhode Island) Incorporated. (See Camp, William M., assignor.)
- Coats, J. & P. (Rhode Island) Incorporated. (See MacColl, Kenneth D., assignor.)
- Coats, J. & P. (Rhode Island) Incorporated. (See Ogden, Alfred, assignor.)
- Cobb, Arthur T., assignor to Exeter Brass Works, Exeter, N. H. Flush valve. 1,895,786; Jan. 31.
- Cobb, Augustus H. (See Cobb, Wilder E., assignor.)
- Cobb, Leland D., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing and seal therefor. 1,902,620; Mar. 21.
- Cobb, Richard H., Cleveland, Ohio. Waste heat power apparatus for internal combustion engines. 1,915,594; June 27.
- Cobb, Robert T., South Elmhurst, assignor to New York Eskimo Pie Corporation, Brooklyn, N. Y. Machine for making frozen confections. 1,936,584; Nov. 28.
- Cobb, Thomas S., Fort Lauderdale, Fla. Mattress. 1,900,801; Mar. 7.
- Cobb, Wilder E., assignor of one-half to A. H. Cobb, Salisbury, N. C. Razor blade sharpener. 1,909,661; May 16.
- Cobbs, Ansalem O., Des Moines, Iowa. Visible certificate holder. 1,910,751; May 23.
- Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Producing divergent wall slots in metal. 1,909,660; May 16.
- Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Apparatus for cutting slots in pipe. 1,912,362; June 6.
- Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Drawing temper in cutting slots. 1,917,497; July 11.
- Coberly, Clarence J., Los Angeles, and E. S. Crossdale, Glendale, assignors to Kobe, Inc., Huntington Park, Calif. Sand blast machine. 1,912,760; June 6.

- Coberly, Clarence J., Los Angeles, and E. S. Croasdale, Glendale, assignors to Kobe, Inc., Huntington Park, Calif. Pipe-cleaning machine. 1,927,391; Sept. 19.
- Coberly, Clarence J., and E. S. Croasdale, assignors to Kobe, Inc., Huntington Park, Calif. Magnetic brake. 1,929,914; Oct. 10.
- Coble, Earl W. (See Williams, F. M., and Coble.)
- Coble, Ernest L. and S. L., Alliance, Ohio. Disposing of garbage. 1,898,243; Feb. 21.
- Coble, Sallie L. (See Coble, Ernest and S. L.)
- Coburn, Albert J., assignor to Delco-Remy Corporation, Anderson, Ind. Retainer clip. 1,907,506; May 9.
- Coburn Trolley Track Manufacturing Company. (See Ballard, Harry E., assignor.)
- Coca, John A., Jeannette, Pa. Wall surfacing or facing unit. 1,912,972; June 6.
- Coca-Cola Company, The. (See Worthington, Everett, assignor.)
- Cochin, Solomon, assignor of one-third to S. N. Kagan and one-third to M. Cutler, Detroit, Mich. Watch mechanism. 1,926,713; Sept. 12.
- Cochrane Corporation. (See Drescher, Austin C., assignor.)
- Cochran, Lee, Anderson, S. C. Burial vault. 1,899,312; Feb. 28.
- Cochran, Ralf S., assignor to Surface Combustion Corporation, Toledo, Ohio. Conveyor for furnaces. 1,900,428; Mar. 7.
- Cochrane, Charles H., New York, N. Y. Combined ink drying and neutralizing device. 1,900,543; Mar. 7.
- Cochrane Corporation. (See Rohlin, Victor A., assignor.)
- Cochrane, Fred W., Los Angeles, assignor to T. D. Heyl, Walnut Park, Calif. Safety razor blade sharpening machine. 1,927,392; Sept. 19.
- Cochrane, John D., Jr., assignor to The Formica Insulation Company, Cincinnati, Ohio. Decorated laminated product and producing same. 1,904,718; Apr. 18.
- Cochrane, Robert L., Chicago, Ill., assignor to The National Lock Washer Company, Newark, N. J. Tool handle securing means. 1,914,802; June 20.
- Cochrane, Walter S., assignor to Chrysler Corporation, Detroit, Mich. Lubrication system. 1,931,060; Oct. 17.
- Cockill, Henry F., and Sons Limited. (See Hartley, William W., assignor.)
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Stroboscope. 1,904,124; Apr. 18.
- Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Photo-electric relay apparatus. 1,939,435; Dec. 12.
- Cockrill, Lawrence M., and H. D. Couch, Yakima, Wash. Automatic packing stand. 1,894,851; Jan. 17.
- Cockrill, Leonard O. (See Morris, D. C., and Cockrill.)
- Cocks, Edgar, Los Angeles, Calif. Concealed bed. 1,918,085; July 11.
- Cocks, George W., New York, N. Y. Bottle washer and sterilizer. 1,940,076; Dec. 19.
- Cocks, Harry J., assignor to Metal Products Company, Des Moines, Iowa. Accelerator foot pedal. 1,920,550; Aug. 1.
- Cocozella, Albert. (See Cocozella, Anthony, Jr., and A.)
- Cocozella, Anthony, Jr., Revere, and A. Cocozella, Lynn, Mass., assignors to United Shoe Machinery Corporation. Paterson, N. J. Apparatus for finishing boots and shoes. 1,912,825; June 6.
- Coda, Christopher F., Detroit, Mich. Machine for serrating tubes and the like. 1,923,477; Aug. 22.
- Coda, Christopher F., Detroit, Mich., assignor to The Murray Corporation of America. Machinery for handling chassis frames. 1,923,663; Aug. 22.
- Coddington, Harry W., Roanoke, Va. Control valve for low water alarms. 1,900,379; Mar. 7.
- Codier, Oscar. (See Edwards, C. R., and Codier.)
- Codish, Abraham, Brooklyn, N. Y. Fastening footwear welts. 1,894,440; Jan. 17.
- Codling, Allen B., Seattle, Wash. Electric broiler. 1,903,324; Apr. 4.
- Codwise, Philip W., Kenmore, N. Y., assignor, by mesne assignments, to Certain-teed Products Corporation. Sizing fibrous material. 1,937,317; Nov. 28.
- Cody, Clifford S., Sharon Hill, Pa., assignor to Westinghouse Electric & Manufacturing Company. Combustion apparatus. 1,923,528; Aug. 22.
- Cody, Martin M. (See Payne, F. E., Cody, and Howland, assignors.)
- Cody, Martin M., assignor to Crane Packing Company, Chicago, Ill. Metallic packing and making the same. 1,919,463; July 25.
- Coe, Eric R. C., Summit, and W. F. Cassidy, Jr., Milburn, N. J., assignors to International Communications Laboratories, Incorporated, New York, N. Y. Dotter attachment. 1,915,291; June 27.
- Coe, Eric R. C., Summit, and W. F. Cassidy, Jr., Milburn, assignors to International Communications Laboratories, Inc., Newark, N. J. Circuit interrupter. 1,923,708; Aug. 22.
- Coe, George B., Waterbury, Conn., assignor, by mesne assignments, to Tube Reducing Corporation, Wilmington, Del. Apparatus for reducing metal stock. 1,894,232; Jan. 10.
- Coe, George B., Waterbury, Conn., assignor, by mesne assignments, to Tube Reducing Corporation, Wilmington, Del. Apparatus for working metal. 1,907,041; May 2.
- Coe, George B., Waterbury, Conn., assignor, by mesne assignments, to Tube Reducing Corporation, Wilmington, Del. Method of and apparatus for working metal. 1,933,314; Oct. 31.
- Coe, George B., Montclair, N. J., assignor, by mesne assignments, to Tube Reducing Corporation, Wilmington, Del. Rod coupling. 1,901,286; Mar. 14.
- Coe, Harrison S., Palo Alto, Calif. Pulp control apparatus and method. 1,908,691; May 16.
- Coe, Harrison S., Palo Alto, Calif. Separating apparatus and method. 1,934,406; Nov. 7.
- Coe, Harrison S., Milwaukie, Oreg., assignor to Merco Centrifugal Separator Co., Ltd., San Francisco, Calif. Centrifuge apparatus. 1,927,822; Sept. 26.
- Coe, James R., assignor to The American Brass Company, Waterbury, Conn. Rolling mill. 1,895,607; Jan. 31.
- Coe, James R., assignor to The American Brass Company, Waterbury, Conn. Worktable. 1,913,975; June 13.
- Coe, James R., assignor to The American Brass Company, Waterbury, Conn. Rolling mill. 1,919,202; July 25.
- Coe, James R., assignor to The American Brass Company, Conn. Method and mill for rolling metal. 1,925,896; Sept. 5.
- Coe, James R., assignor to The American Brass Company, Waterbury, Conn. Furnace for and method of continuously annealing strip metal. 1,928,409; Sept. 26.
- Coe, John P., Yonkers, N. Y., assignor to Morgan & Wright, Detroit, Mich. Vehicle tire and making same. 1,940,077; Dec. 19.
- Coe, John S., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Notching-guide for tubes, etc. 1,913,924; June 27.
- Coe, John S., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Method and blank for producing pipe fittings. 1,938,809; Dec. 12.
- Coe, Kathleen, Springfield, Mass., assignor to Westfield River Paper Company, Inc., Russell, Mass. Embossed transparent paper or similar material. Des. 91,186; Dec. 19.
- Coe Laboratories, Inc. (See Clark, Walter J., assignor.)
- Coe Laboratories, Inc. (See Rice, William S., assignor.)
- Coen, Claude C., deceased, Culver, Oreg.; Maggie L. Coen, administratrix. Curtain fixture. 1,917,828; July 11.
- Coen, Maggie L., administratrix. (See Coen, Claude C., assignor.)
- Coey, Stewart C., East Orange, N. J. Cyclonic cooling tower. 1,929,410; Oct. 10.
- Coey, Stewart C., East Orange, N. J. Cooling tower. 1,929,411; Oct. 10.
- Coffed, Earl J., Lancaster, and John Berent, Lockport, N. Y. Saw horse or trestle. 1,935,871; Nov. 21.
- Coffee, Bassett M., Jersey City, N. J., assignor, by mesne assignments, to Simplex Equipment Company, Inc., New York, N. Y. System of electrical distribution. 1,923,709; Aug. 22.
- Coffee, Bassett M., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Belt fastening construction and making belt connections. 1,938,375; Dec. 5.
- Coffey, Barton H., Elizabeth, N. J., assignor to The Cooling Tower Co. Inc., New York, N. Y. Device for cooling water. Re19,014; Dec. 5.
- Coffey, George E., deceased, R. S. Coffey, administrator, assignor of one-half to J. T. Miller, Blowing Rock, N. C. Vehicle-carried jack. 1,928,368; Sept. 26.
- Coffey, John B., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Edge-finishing machine. 1,926,037; Sept. 12.
- Coffey, Joseph M., Schenectady, assignor to Mica Insulator Company, New York, N. Y. Continuous mica board making machine. 1,906,541; May 2.
- Coffey, Oscar L., assignor to Whiting Corporation, Harvey, Ill. Locomotive spotter. 1,936,750; Nov. 28.
- Coffey, Ralph S., administrator. (See Coffey, George E.)
- Coffey, W. H. (See Kuhn, Herman L., assignor.)
- Coffield, James L., Dayton, Ohio. Fire extinguisher. 1,939,336; Dec. 12.
- Coffin, Bart J., Alameda, Calif. Revolving lamp shade. 1,928,329; Sept. 26.
- Coffin, David D., Camden, N. J., assignor to General Electric Company. Transformer fault detector. 1,901,701; Mar. 14.
- Coffin, George F., Easton, Pa., and D. Focht, Belvidere, N. J., assignors to The Old Bangor Slate Company, Easton, Pa. Package for sheet material. 1,929,161; Oct. 3.
- Coffin, Joel S., Jr., assignor to C-S Engineering Company, Englewood, N. J. Centrifugal pump. 1,909,095; May 16.
- Coffin, Joel S., Jr., assignor to C-S Engineering Company, Englewood, N. J. Locomotive feed water systems. 1,924,272; Aug. 29.
- Coffin, John E., Maplewood, assignor to Electric Arc Cutting & Welding Co., Newark, N. J. Controller for electrical circuits. 1,932,449; Oct. 31.
- Coffin, John R., West Medford, and A. T. Tigges, assignors to Barostat Company, Boston, Mass. Fluid pressure responsive device. 1,910,322; May 23.
- Coffing, Frederick W., Perrysville, Ind. Method of and apparatus for line pole replacement. 1,932,768; Oct. 31.
- Coffing, Frederick W., Danville, Ill. Automatic reverse ratcheting hoist. 1,937,331; Nov. 28.
- Coffing, Frederick W., Danville, Ill. Line marker. 1,940,447; Dec. 19.

- Coffman, Joe W., Jackson Heights, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Motion picture film. 1,903,981; Apr. 18.
- Coffman, John R., assignor to The Columbus Valve Manufacturing Corporation, Columbus, Ohio. Valve structure. 1,905,684; Apr. 25.
- Coffman, John R., Columbus, assignor to J. J. Klise, Wooster, Ohio. Valve structure. 1,910,947; May 23.
- Coffron, John B., Detroit, Mich. Automobile doorlock. 1,908,958; May 16.
- Coffrin, Austin E., Green Bay, Wis. Folded napkin. 1,895,973; Jan. 31.
- Coffrin, Austin E., Green Bay, Wis. Smoothing stock on Fourdrinier wire. 1,904,780; Apr. 18.
- Coffrin, Austin E., Green Bay, Wis. Apparatus and process for making paper. 1,917,098; July 4.
- Coghlin, James T., assignor to The Noble & Wood Machine Company, Hoosick Falls, N. Y. Safety device. 1,921,217; Aug. 8.
- Coghlan, Thomas G., Elizabeth, N. J. Ash disposal system. 1,914,991; June 20.
- Coghlan, Thomas G., Elizabeth, N. J. Cooling means for soot blower apparatus. 1,939,387; Dec. 12.
- Coghlan, Thomas G., Elizabeth, and E. A. Johnsen, deceased, Mountain Lakes, N. J.; S. A. Johnsen, executrix. Furnace. 1,898,479; Feb. 21.
- Coghlin, B. J., Company Limited. (See McConkey, T. C., and Picard, assignors.)
- Cogsdill Manufacturing Company. (See Cogsdill, Stuart A., assignor.)
- Cogsdill, Stuart A., assignor to Cogsdill Manufacturing Company, Detroit, Mich. Processing tool. 1,917,925; July 11.
- Cogsdill, Stuart A., assignor to Cogsdill Manufacturing Company, Detroit, Mich. Cleaning device for golf balls or the like. 1,920,064; July 25.
- Cogsdill, Stuart A., assignor to Cogsdill Manufacturing Company, Detroit, Mich. Device for cleaning golf balls or the like. 1,920,960; Aug. 8.
- Cogswell, Alexander Gordon, Chipping Sodbury, England. Machine for affixing stamps, labels, and the like. 1,919,415; July 25.
- Cogswell, Leander A., assignor to Lacene Manufacturing Company, Manchester, N. H. Grading and evening machine. 1,920,842; Aug. 1.
- Cohan, Morris J., Brooklyn, N. Y. Spot welding. 1,900,161; Mar. 7.
- Cohan, Morris J., Brooklyn, assignor to Reliance Specialties Manufacturing Co., Inc., New York, N. Y. Partition slab. 1,939,624; Dec. 12.
- Cohen, Abraham, Schenectady, N. Y., assignor to General Electric Company. Cementing composition. 1,935,434; Nov. 14.
- Cohen, Ben, Chicago, Ill. Outer garment for children. 1,938,515; Dec. 5.
- Cohen, Benjamin, Brooklyn, N. Y. Foundation for animal head and body. 1,900,487; Mar. 7.
- Cohen, Earl. (See Gloring, Charles, assignor.)
- Cohen, Edward S. (See Reilly, T. A., and Cohen.)
- Cohen, Harry, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. Des. 90,397; Aug. 1.
- Cohen, Harry, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. Des. 90,398; Aug. 1.
- Cohen, Irwin H., et al. (See Thomson, George R., assignor.)
- Cohen, Isaac, Johannesburg, Transvaal, Union of South Africa. Convertible settee. 1,919,009; July 18.
- Cohen, Jacob A., New York, N. Y. Automatic safety device for cloth cutting machines. 1,915,049; June 20.
- Cohen, James S., Cape Town, Union of South Africa. Closure for bottles and other containers. 1,932,333; Oct. 24.
- Cohen, Jesse S., Brooklyn, assignor, by mesne assignments, to F. H. Frazier, New York, N. Y. Method and apparatus for the formation of hollow articles. 1,908,732; May 16.
- Cohen, Joseph H. (See Copeland, Francis C., assignor.)
- Cohen, Joseph H., Bridgeport, Conn. Fender apron. Des. 89,680; Apr. 25.
- Cohen, Joseph H., Bridgeport, Conn. Ash receiver. 1,923,529; Aug. 22.
- Cohen, Louis, Duisburg, Germany. Insulating and packing pipe connections by inclosure. 1,931,814; Oct. 24.
- Cohen, Louis, Washington, D. C. Radiosignaling. 1,932,397; Oct. 31.
- Cohen, Louis M. (See Teitel, Albert and C., assignors.)
- Cohen, Monte. (See French, B. V. K., and Cohen.)
- Cohen, Morris E., New York, N. Y., assignor of one-half to The L. H. Bandeau Co. Hat lining. 1,928,618; Oct. 3.
- Cohen, Oscar, New York, N. Y. Applicator. 1,896,941; Feb. 7.
- Cohen, Otto J., Great Neck, assignor to Marie Kay, Ltd., New York, N. Y. Cabinet. Des. 90,969; Nov. 7.
- Cohen, Ralph, assignor to Perfection Steel Body Company, Galion, Ohio. Burial vault. 1,898,939; Feb. 21.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 1,895,540; Jan. 31.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 1,911,989; May 30.
- Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Mounting for rotor plates of multiple variable condensers. 1,939,876; Dec. 19.
- Cohen, Sol D., assignor to Paper Novelty Manufacturing Co., New York, N. Y. Reflector for incandescent electric lamps. 1,939,388; Dec. 12.
- Cohen, Solomon, Leavenworth, Kans. Spring mattress. 1,900,802; Mar. 7.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,124; Jan. 31.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,125; Jan. 31.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,148; Jan. 31.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,170; Feb. 7.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,477; Aug. 15.
- Cohen, William, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,870; Oct. 17.
- Cohen-Venezian, Carlo, Turin, Italy. Vehicle for carrying aircraft parts and other loads. 1,893,227; Jan. 3.
- Cohen-Venezian, Carlo, Turin, Italy. Tail-supporting truck for aeroplanes. 1,902,834; Mar. 28.
- Cohen-Venezian, Carlo, Turin, Italy. Sectionable truck. 1,928,369; Sept. 26.
- Cobill, Thomas W. (See Stark, Alexander D., assignor.)
- Cohn, Abraham, St. Louis, Mo. Shoe and making same. 1,898,033; Feb. 21.
- Cohn, Alfred, Berlin-Charlottenburg, and F. Dausinger, Berlin-Treptow, Germany, assignors to General Electric Company. Thermal responsive device. 1,899,558; Feb. 28.
- Cohn, Benno, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making closures. 1,921,808; Aug. 8.
- Cohn Hall Marx Co. (See Christen, Marcel, assignors.)
- Cohn Hall Marx Co. (See Cusson, Sylvain, assignor.)
- Cohn, Harry, Brooklyn, N. Y. Store front. Des. 90,020; May 30.
- Cohn, Jack, New York, N. Y. Audiphone ear drum protector for bathers. Des. 89,947; May 23.
- Cohn, Leonard B. (See Gragg, F. E., and Cohn.)
- Cohn, Max M. (See Johnston, Clarence L., assignor.)
- Cohn, Ralph F., Dixon, Ill. Treating nonferrous metals and alloys. 1,925,687; Sept. 5.
- Cohn, Ralph F., Dixon, Ill. Refining nonferrous alloys. 1,925,688; Sept. 5.
- Cohn, Ralph F., assignor to Reynolds Wire Co., Dixon, Ill. Applying metal lubricants. 1,925,305; Sept. 5.
- Cohn & Rosenberger, Inc. (See Katz, Adolph, assignor.)
- Cohn & Rosenberger, Inc. (See Placco, Oscar, assignor.)
- Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Method of and apparatus for treating tubular textile fabric. 1,893,197; Jan. 3.
- Coll, Grover C. (See Wheelbarger, A. S., and Coll.)
- Coll, Grover C., assignor to Ohmer Fare Register Company, Dayton, Ohio. Interlocking mechanism. 1,905,807; Apr. 25.
- Coin, George W., Manhattan, Kans. Air refrigerating device. 1,903,777; Apr. 18.
- Coiner, Charles Toucey, Mechanicsville, Pa. Placard or similar article. Des. 90,793½; Sept. 26.
- Coins, Thomas F., Henryetta, Okla. Fastener. 1,939,541; Dec. 12.
- Colaizzi, John, Pittsburgh, Pa. Kitchen utensil. 1,933,470; Oct. 31.
- Colas Roads Inc. (See Gabriel, Leonard G., assignor.)
- Colbert, Charles C. (See Warnke, Carl J., assignor.)
- Colbert, Charles C., and G. E. Preston, assignors to American Coating Mills, Elkhart, Ind. Paper coating method and apparatus. 1,903,325; Apr. 4.
- Colbert, Clarence L., Elizabeth, N. J., assignor to Fiske & Company Inc., Boston, Mass. Ceramic ware treating method and apparatus. 1,917,924; July 11.
- Colbie, Gus L., Brooklyn, assignor to Hudson Electrical Heating Corporation, New York, N. Y. Steam generator. 1,927,023; Sept. 19.
- Colbie, Gus L., Brooklyn, assignor to Hudson Electrical Heating Corporation, New York, N. Y. Water tube steam generator. 1,928,446; Sept. 26.
- Colborne Manufacturing Company. (See Smith, Dennis W., assignor.)
- Colburn, Lloyd, Coopersville, Mich. Airplane wing. 1,918,897; July 18.
- Colby, Allan B., Providence, R. I. Vacuum tube. 1,916,204; July 4.
- Colby, Allan B., assignor of one-half to E. E. Weller, Providence, R. I. Tassel. 1,896,060; Jan. 31.
- Colby, Clyde W., East Cleveland, Ohio. Fan. 1,921,218; Aug. 8.
- Colby, Edward A., Maplewood, N. J., assignor to Baker & Company, Inc., Newark, N. J. Method of and apparatus for making pertused sheets. 1,938,318; Dec. 5.
- Colca, Antonio, Centerville, Utah. Cultivator. 1,930,850; Oct. 17.

- Colcord, Frank F., New York, N. Y., and J. J. Mulligan, East Chicago, Ind., assignors to United States Smelting, Refining & Mining Company, Portland, Maine. Treating drosses. 1,931,235; Oct. 17.
- Cold Control Corporation. (See Aylsworth, George A., assignor.)
- Cold-Drinks Company. (See Christianson, Carl O., assignor.)
- Cold Metal Process Company, The. (See Steckel, Abram P., assignor.)
- Cold White Light Inc., The. (See DeLamprecht, Rodolph, assignor.)
- Coldwell, Frank T., Alplaus, N. Y., assignor to General Electric Company. Regulating system. 1,915,050; June 20.
- Coldwell, Joseph, Fall River, Mass. Loom shuttle. 1,905,266; Apr. 25.
- Cole, Alfred R., and B. T., assignors to Wildt and Company Limited, Leicester, England. Circular knitting machine. 1,912,474; June 6.
- Cole, Arthur T. and H. L., Chicago, Ill. Oil burning stove. 1,927,434; Sept. 19.
- Cole, Austin A., Cambridge, Mass. Mold for meat patties. 1,892,779; Jan. 3.
- Cole, Bernard T. (See Cole, Alfred R. and B. T.)
- Cole, Cawthern C., Whittier, Calif. Oil well recording inclinometer. 1,916,801; July 4.
- Cole, Clarence, et al. (See Oster, C. B., and Rainey, assignors.)
- Cole, Clarence H., Washington, D. C., assignor to Engineering Appliance Corporation, Baltimore, Md. Fuse. 1,927,334; Sept. 19.
- Cole, Clarence H., Washington, D. C., assignor to Engineering Appliance Corporation, Baltimore, Md. Cartridge fuse. 1,927,335; Sept. 19.
- Cole, Clarence H., Washington, D. C., assignor to Engineering Appliance Corporation, Baltimore, Md. Cartridge fuse. 1,927,336; Sept. 19.
- Cole, Clifford E., Birmingham, Ala., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Dishwashing attachment. 1,917,829; July 11.
- Cole, Dale S. (See Leece, B. M., and Cole.)
- Cole, David, El Paso, Tex. Continuous filtration. 1,895,276; Jan. 24.
- Cole, Don. (See Chandler, M. E., and Cole.)
- Cole, Don, Evanston, Ill., and L. E. Bogue; said Bogue assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,368; Oct. 31.
- Cole, Edward J., assignor, by mesne assignments, to Helen M. Cole, Peekskill, N. Y. Producing self-locking nuts. 1,905,621; Apr. 25.
- Cole, Elisha W., Charlotte, N. C. Guano distributor. 1,936,105; Nov. 21.
- Cole, Elmer K., assignor to Wej-Lock Manufacturing Company, Winterset, Iowa. Earth anchor. 1,898,340; Feb. 21.
- Cole, Eugene M., Charlotte, N. C. Steering apparatus for wheeled frames. 1,915,816; June 27.
- Cole, Eugene M., Charlotte, N. C. Guano distributor. 1,926,993; Sept. 12.
- Cole, Floyd. (See Briggs, R. W. and Cole.)
- Cole, Fred B., assignor to The Rotary Printing Company, Norwalk, Ohio. Manifolding apparatus. 1,906,542; May 2.
- Cole, Fred B., assignor to The Rotary Printing Company, Norwalk, Ohio. Method and apparatus for making manifold forms. 1,938,447; Dec. 5.
- Cole, George H., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Lamp globe. Des. 91,100; Nov. 28.
- Cole, Gerard M., assignor to N. Goldman, Chicago, Ill. Multiple fuse. 1,939,663; Dec. 19.
- Cole, Gilbert S. (See Cole, William A. and G. S.)
- Cole, Harry C., Philadelphia, Pa. Measuring the rate of discharge of liquid. 1,911,351; May 30.
- Cole, Harry H., Eagle River, assignor of three-fourths to A. H. Meyer, Oshkosh, Wis. Automatic camera. 1,932,691; Oct. 31.
- Cole, Helen M. (See Cole, Edward J., assignor.)
- Cole, Howard W., Pittsburgh, Pa. Container for collapsible tubes. 1,927,112; Sept. 19.
- Cole, Hugh L. (See Cole, Arthur T. and H. L.)
- Cole, Ira E., Montclair, N. J., D. T. May, Port Washington, and A. A. Weller, Ridgewood, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hand welding machine. 1,897,606; Feb. 14.
- Cole, J. Rex, et al. (See Scott, Albert B., assignor.)
- Cole, John E. (See Daudt, H. W., and Cole.)
- Cole Nursery Company, The. (See Cole, William A. and G. S.)
- Cole, Ray, assignor to The Solvay Process Company, Solvay, N. Y. Recovery of ammonium chloride from solution. 1,913,372; June 13.
- Cole, Raymond A., Worcester, Mass., assignor, by mesne assignments, to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Centerless grinding machine. 1,896,481; Feb. 7.
- Cole, Raymond A., and A. G. Belden, assignors to Norton Company, Worcester, Mass. Grinding machine. 1,911,552; May 30.
- Cole, Raymond A., and A. G. Belden, assignors to Norton Company, Worcester, Mass. Machine for precision grinding. 1,911,553; May 30.
- Cole, Raymond W., Cranford, N. J., assignor to Cordley & Hayes, New York, N. Y. Dispenser. Des. 89,842; May 9.
- Cole, Rex, Inc. (See Salto, Aage B., assignor.)
- Cole, Robert M., Bryn Athyn, Pa., assignor to American Dyewood Company, New York, N. Y. Preparing carbon and product thereof. 1,905,686; Apr. 25.
- Cole, Ruth, administratrix. (See Cole, William A. and G. S.)
- Cole, Sandford S., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Solid fuel. 1,924,180; Aug. 29.
- Cole Service Plan, Inc. (See Hasselkus, William, assignor.)
- Cole, William, Bristol, assignor to The Baron Cigarette Machinery Company Limited, London, England. Cutting-off mechanism in cigarette making and similar machines, wherein the rod or the like is moving continuously in a lengthwise direction. 1,897,301; Feb. 14.
- Cole, William, Bristol, England, assignor to The Baron Cigarette Machinery Company Limited, London, England. Cutting-off mechanism in cigarette making and similar machines. 1,928,481; Sept. 26.
- Cole, William A., and G. S. Cole, deceased, by R. Cole, administratrix, assignors to The Cole Nursery Company, Painesville, Ohio. Apparatus for root pruning and tree digging. 1,938,952; Dec. 12.
- Colella, Guy. (See Slice, Henry W., assignor.)
- Coleman, Bert, and S. J. Hendershott, assignors to Ever-Ready Coal Burner Company, Detroit, Mich. Furnace stoker. 1,925,790; Sept. 5.
- Coleman, Clarence E., Buffalo, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Sheet cutting machine. 1,907,742; May 9.
- Coleman, Clarence E., Buffalo, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Method and apparatus for producing a sheet of film of regenerated cellulose. 1,910,521; May 23.
- Coleman, Clyde, Passaic, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Vulcanization of rubber. 1,901,582; Mar. 14.
- Coleman, Earl M., assignor of forty-five per cent to W. H. Doughty, Kiefer, Okla. Vanity case. 1,909,457; May 16.
- Coleman, Gerald H. (See Grether, E. F., and Coleman.)
- Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. Preparation of ethylidene chloride. 1,900,276; Mar. 7.
- Coleman, Howard D. (See Stewart, Duncan J., assignor.)
- Coleman, James D., jr. (See Malm, C. J., and Coleman.)
- Coleman, James E., Allensville, Ky. Harrow tooth. 1,897,550; Feb. 14.
- Coleman, John B., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmitting systems. 1,920,296; Aug. 1.
- Coleman, John P., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical coupling device. 1,900,913; Mar. 14.
- Coleman, John W. B., Round Lake, N. Y. Sewing machine attachment. 1,934,343; Nov. 7.
- Coleman, Lewis A., Portsmouth, Va. Chassis support. 1,933,162; Oct. 31.
- Coleman, Richard L., and L. J. Weinstein, Hartford, Conn., deceased, D. S. Dugan and R. L. Coleman, executors, assignors of seventy-five per cent to R. L. Coleman and twenty-five per cent to D. S. Dugan. Investment. 1,932,202; Oct. 24.
- Coleman, Roy E., Meriden, Conn. Acoustic device. 1,893,796; Jan. 10.
- Coleman, Spencer A., Concord, assignor to C. G. Sargent's Sons Corporation, Granitville, Mass. Apron conveyer. 1,922,908; Aug. 15.
- Coleman, Stewart P., Houston, Tex., assignor to Standard Oil Development Company. Cracking process. 1,933,048; Oct. 31.
- Coleman, Sydney G., and F. B. Hicks, Streator, Ill. Hedge trimming device. 1,897,924; Feb. 14.
- Coleman, Thomas E., assignor to Madison-Kipp Corporation, Madison, Wis. Flow restrictor. 1,923,047; Sept. 26.
- Colen, Bernard D. (See Strongson, Herman L., assignor.)
- Coles, Wilfred G., assignor to Madison-Kipp Corporation, Madison, Wis. Sight feed indicator. 1,910,752; May 23.
- Coles, Wilfred G., assignor to Madison-Kipp Corporation, Madison, Wis. Lubricator. 1,934,344; Nov. 7.
- Coletta, Nicholas, Elmira, N. Y. Shoemaker's tool. 1,921,506; Aug. 8.
- Colf, Edwin W., Glen Ellyn, assignor to Armour and Company of Delaware, Chicago, Ill. Heat treatment of garnet abrasive. Re18,730; Feb. 7.
- Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)
- Colgate-Palmolive-Peet Company, et al. (See Lamont, Dallas R., assignor.)
- Colicchio, Nicola. (See Rossi, D., and Colicchio.)
- Collina, William, assignor to Scovill Manufacturing Company, Waterbury, Conn. Uniting materials. 1,918,958; July 18.
- Colledge, Thomas P. (See Bishop, W. H., and Colledge.)
- College Inn Food Products Company. (See Byfield, Ernest L., assignor.)
- Collet, Mark W., Philadelphia, Pa. Automatic parachute pack releaser. 1,893,818; Jan. 10.
- Colley, George F., assignor of one-third to W. B. Carlisle and one-third to T. J. Landenwich, Louisville, Ky. Battery carrier. 1,927,920; Sept. 26.

Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Wheel chock. 1,893,580; Jan. 10.

Collier Advertising Service, Inc. (See Giles, Harvey, assignor.)

Collier, Wyatt, Coffeyville, Kans. Ash tray. 1,910,091; May 23.

Collignon, William C., Chicago, Ill. Foldable table. 1,911,750; May 30.

Collingbourne, Albert B., Elgin, Ill. String holder. Des. 89,629; Apr. 18.

Collingbourne, Albert B., Elgin, Ill. Sewing box. Des. 90,105; June 13.

Collingham, Robert H., Rugby, England, assignor to General Electric Company. Ship propulsion system. 1,895,377; Jan. 24.

Collings, Frederick C. (See Hicks, R. M., Leroy, and Collings.)

Collings, Thomas G. (See Long, J. W., and Collings.)

Collings, William R., and D. L. Gibb, assignors to The Dow Chemical Company, Midland, Mich. Apparatus for producing a composite reinforced sheet. 1,923,710; Aug. 22.

Collins & Aikman Corporation. (See Costello, Joseph P., assignor.)

Collins & Aikman Corporation. (See Erkes, Joseph, assignor.)

Collins, Berry, Birmingham, Ala., assignor to Sun Bath Company. Collapsible sun bath apparatus. 1,917,498; July 11.

Collins, Charles W., Seattle, Wash. Brake mechanism. 1,911,352; May 30.

Collins, Daniel, Dorchester, Mass. Shoe cleat. 1,926,434; Sept. 12.

Collins, Edward H. (See Atchley, John A. and R. E., and Collins.)

Collins, Edward W., Detroit, Mich., assignor, by mesne assignments, to Delco-Remy Corporation, Anderson, Ind. Coil positioning machine. 1,905,154; Apr. 25.

Collins, Edward W., Detroit, Mich., assignor, by mesne assignments, to Delco-Remy Corporation, Anderson, Ind. Coil winding machine. 1,931,061; Oct. 17.

Collins, Ernest V., Jr., Brooklyn, assignor to Delaware, Lackawanna & Western Coal Company, New York, N. Y. Coloring coal. 1,911,808; May 30.

Collins, George G., Sharon Center, assignor of one-half to W. H. Parry, Akron, Ohio. Tube press. 1,935,872; Nov. 21.

Collins, Harry V. (See Judd, I. H., and Collins.)

Collins, Howard W., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Framework for air filters. 1,898,424; Feb. 21.

Collins, James, Columbus, Ohio. Lead pipe ferrule. 1,932,882; Oct. 31.

Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Lathe. 1,909,522; May 16.

Collins, John E., Alton, Ill., assignor to Owens-Illinois Glass Company. Machine for making glass stoppers and the like. 1,904,977; Apr. 18.

Collins, John G. (See Kaw, H., and Collins.)

Collins, Joseph L. (See Robinson, P., and Collins.)

Collins, Joseph P., Bakersfield, Calif. Apparatus for extinguishing oil and gas well fires. 1,938,009; Dec. 5.

Collins, Julius A., Augusta, Ga. Cigarette and cigar holder. 1,915,405; June 27.

Collins, Justine. (See Lamb, Edith L. N., assignor.)

Collins, Justus. (See Anderson, Rosemond T., assignor.)

Collins-Kilmer Corporation. (See Kilmer, Frederick M., Jr., assignor.)

Collins, Lester L., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Automatic regulator for compressors. 1,896,790; Feb. 7.

Collins, Lester L., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Control apparatus for valves. 1,941,247; Dec. 26.

Collins Loom Works. (See Hildebrandt, L. H., and Schwartz, assignors.)

Collins, Margaret, Bayonne, N. J. Baby garment. 1,929,015; Oct. 3.

Collins, Neil R., Redwood City, assignor to Federal Telegraph Company, San Francisco, Calif. Radio device. 1,899,136; Feb. 28.

Collins, Raymond R., Newton, Mass., assignor to The Lumsum Company. Apparatus for promoting liquid-vapor or liquid-gas contact. 1,938,247; Dec. 5.

Collins Supply and Equipment Company. (See Munson, Willard T., assignor.)

Collins, Warren E., Jr., et al. (See Drinker, P., and Shaw, assignors.)

Collins, William A., Brooklyn, N. Y., assignor, by mesne assignments, to Moto Meter Gauge & Equipment Corporation, Toledo, Ohio. Temperature indicator. 1,893,400; Jan. 3.

Collins, William D. (See McComb, H. G., and Collins.)

Collins, William D., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Water cooler. 1,907,743; May 9.

Collins, William D., and C. E. Ploeger, Evansville, Ind., assignors to Servel Inc., New York, N. Y. Shelf clamp. 1,914,823; June 20.

Collins, William H. (See Eudaly, Collins, and Vollmer.)

Collins, William O., Wellsville, Kans. Electrically heated toy. 1,896,663; Feb. 7.

Collis Company, The. (See Bouda, Bohumil, assignor.)

Collison, Edward E., and A. L. Knox, assignors to The Capehart Corporation, Fort Wayne, Ind. Automatic phonograph. 1,931,487; Oct. 24.

Collison, Edward E., and P. U. Lannerd, assignors to The Capehart Corporation, Fort Wayne, Ind. Automatic phonograph. 1,938,810; Dec. 12.

Collison, William J., Bakersfield, Calif. Down draft plumber's furnace. 1,919,093; July 18.

Collison, William J., Bakersfield, Calif. Flushing device. 1,933,416; Oct. 3.

Collyer, Julius P., Old Greenwich, Conn. Telephone dial actuator. 1,904,413; Apr. 18.

Collyear, John R. (See Baxenden, T. G., and Collyear.)

Colman, Howard D. (See Anderson, Gotfried T., assignor.)

Colman, Howard D. (See Colman, Duncan J., assignor.)

Colman, Howard D. (See Cummings, Preston W., assignor.)

Colman, Howard D. (See Stewart, Duncan J., assignor.)

Colman, Howard D., Rockford, Ill. Gate operating mechanism. 1,913,976; June 13.

Colman, Howard D., Rockford, Ill. Temperature regulating system. 1,921,154; Aug. 8.

Colman, Howard D., and D. J. Stewart, Rockford, Ill.; said Stewart assignor to said Colman. Electric valve operator. 1,903,229; Mar. 28.

Colman, Howard D., and D. J. Stewart, Rockford, Ill.; said Stewart assignor to said Colman. Electric control unit. 1,903,231; Mar. 28.

Colman, Shirley T., Dunkirk, N. Y., assignor of one-half to The Philip Carey Manufacturing Company. Facilitating the growth of trees and shrubs. 1,931,602; Oct. 24.

Colomb, Henri, Tavannes, Switzerland. Attaching means for timepiece dials. 1,911,308; May 30.

Colombo, Carlo A., assignor to Soc. Ital. Transfers Albini, S. I. T. A., Milan, Italy. Printing transfers. 1,900,635; Mar. 7.

Colonial Bead Company Inc. (See Wittenberg, Robert, assignor.)

Colonial Broach Company. (See Halborg, Carl J., assignor.)

Colonial Broach Company. (See Halborg, C. J., and Nilsson, assignors.)

Colonial Broach Company. (See Hart, William A., assignor.)

Colonial Radio Corporation. (See Loewy, Raymond G. F., assignor.)

Colonial Scale Company. (See Barnard, Arthur W., assignor.)

Colonial Tool Company. (See Halborg, Carl J., assignor.)

Colonial Trust Company, executors. (See Kirk, Henry C.)

Colonial Trust Company, et al., executors. (See Summey, David L., assignor.)

Colonnese, Vittorino, Rome, Italy. Float structure. 1,892,746; Jan. 3.

Colorado Fuel and Iron Company, The. (See Aurelius, Thomas, assignor.)

Colorado Fuel and Iron Company. (See Bailey, William H., assignor.)

Colorado Fuel and Iron Company, The. (See Campbell, Calvin, assignor.)

Colorado Fuel & Iron Company, The. (See Macdonald, Charles H., assignor.)

Colorado Fuel and Iron Company, The. (See Miller, R. M., Schenler, and Stout, assignors.)

Colorado Fuel and Iron Company, The. (See Stuart, Kenneth B., assignor.)

Colorado Fuel & Iron Company, The. (See Teetor, Ralph J., assignor.)

Colorado Fuel and Iron Company, The. (See Thompson, George S., assignor.)

Colosimo, Joseph, New Westminster, British Columbia, Canada. Electric heating device. 1,939,252; Dec. 12.

Colour Photographs (British & Foreign) Limited. (See Spencer, Douglas A., assignor.)

Colourgravure Limited. (See Hillman, Albert G., assignor.)

Colprovia Roads, Inc. (See Ebberts, Alfred R., assignor.)

Colquhoun, Peter M. (See Hult, J. A., and Colquhoun.)

Colson Company, The. (See Pehrsson, Sven J., assignor.)

Colson Company, The. (See Roe, De Forest, assignor.)

Colston, Robert. (See Jones, R. C., and Colston.)

Colt, J. B., Company. (See Boley, Roy A., assignor.)

Colt, Samuel S., Orange, N. J. Retaining means for concrete pouring forms. 1,937,109; Nov. 28.

Coltharp, James, Blue Mountain, Miss. Implement hitch for cultivators. 1,930,893; Oct. 17.

Colton, James H., Berkeley, Calif., assignor to Pacific Portland Cement Company, Consolidated. Manufacturing Portland cement. 1,893,696; Jan. 10.

Colt's Patent Fire Arms Manufacturing Co. (See Conner, Benjamin F., assignor.)

Colt's Patent Fire Arms Manufacturing Co. (See Donovan, Arthur F., assignor.)

Colt's Patent Fire Arms Manufacturing Co. (See Moore, Frederick T., assignor.)

Colt's Patent Fire Arms Manufacturing Co. (See Webb, George, assignor.)

Columbia Appliance Corporation. (See Gans, John, assignor.)

Columbia Axle Company, The. (See Harper, George W., assignor.)

- Columbia Axle Company, The. (See Ragan, Frederick H., assignor.)
- Columbia Axle Company, The. (See Weaver, Elverton W., assignor.)
- Columbia Axle Company, The. (See Wood, Clarence G., assignor.)
- Columbia Burner Company, The. (See Hall, Ernest A., assignor.)
- Columbia Engineering and Management Corporation. (See Legg, Buell B., assignor.)
- Columbia Engineering & Management Corporation. (See Odell, William W., assignor.)
- Columbia Engineering and Management Corporation. (See Reid, Ebenezer E., assignor.)
- Columbia Engineering & Management Corporation. (See Rosenthal, Henry, assignor.)
- Columbia Envelope Company. (See Rife, William H., assignor.)
- Columbia, Felix B., Kansas City, Mo. Spinning top. Des. 90,699; Sept. 19.
- Columbia Graphophone Company. (See Clark, Henry A. M., assignor.)
- Columbia Mills, Inc. (See Burns, Fred J., assignor.)
- Columbia Mills, Inc., The. (See Zingg, William W., assignor.)
- Columbia Narrow Fabric Company. See Gobeille, Alfred A., assignor.)
- Columbia Needle Guard Corporation. (See Ciravolo, Charles, assignor.)
- Columbia Oil and Gasoline Corporation. (See Parks, Ralph N., assignor.)
- Columbia Phonograph Company. (See Agate, C. S., and Thora, assignors.)
- Columbia Phonograph Company. (See Capps, Frank I., assignor.)
- Columbia Phonograph Company. (See Friebeus, Reginald T., assignor.)
- Columbia Phonograph Company. (See Hinckley, Marcus C., assignor.)
- Columbia Phonograph Company. (See Massey, Augustine H., assignor.)
- Columbia Phonograph Company. (See Mitchell, Frank A., assignor.)
- Columbia Phonograph Company. (See Somner, William, assignor.)
- Columbia Phonograph Company. (See Williams, William E., assignor.)
- Columbia Phonograph Company. (See Youhouse, Joseph, assignor.)
- Columbia Phonograph Company, Inc. (See Thompson, John, assignor.)
- Columbia Valve Manufacturing Corporation. (See Coffman, John R., assignor.)
- Columbian Enameling & Stamping Co. (See Nelson, Andrew W., assignor.)
- Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
- Columbian Rope Company. (See Dodge, Milo C., assignor.)
- Columbian Rope Company. (See Metcalf, Harold G., assignor.)
- Columbian Rope Company. (See Metcalf, H. G., and Bowen, assignors.)
- Columbus Auto Brass Company. (See Donley, Harold B., assignor.)
- Columbus Auto Parts Company. (See Flumerfelt, William A., assignor.)
- Columbus Coated Fabrics Corporation. (See Willcox, Roderick H., assignor.)
- Columbus Dental Manufacturing Company, The. (See Evans, David E., assignor.)
- Columbus Dental Manufacturing Company, The. (See Gillespie, Robert H., assignor.)
- Columbus McKinnon Chain Corporation. (See Cotesworth, A., and Robins, assignors.)
- Columbus McKinnon Chain Corporation, The. (See Stahl, Frank E., assignor.)
- Columbus Metal Products, Inc. (See Donley, Harold B., assignor.)
- Columbus Metal Products Inc. (See Yerges, Howard F., assignor.)
- Columbus Metal Tire Cover Company. (See Krebs, Carl C., assignor.)
- Columnar Heat, Incorporated. (See Kimball, D. D., and Cucci, assignors.)
- Colvin, Charles H., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Instrument cover-glass. 1,910,092; May 23.
- Colvin, Charles H., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Navigation calculator. 1,910,093; May 23.
- Colvin, Charles H., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Rate of climb instruments. 1,929,091; Oct. 3.
- Colvin, Charles H., and A. Urfer, Brooklyn, assignors to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Indicating instrument. 1,935,736; Nov. 21.
- Colvin, Isaac E., assignor to Metal-Glass Products Co., Belding, Mich. Container. 1,919,501; July 25.
- Colvin, Lawrence L., Louisville, Ky. Flush tank valve. 1,925,748; Sept. 5.
- Colvin, Nolan D. (See Coultas, W. J., and Colvin.)
- Colvin, Nolan D., assignor to Deere & Company, Moline, Ill. Corn harvester. 1,908,118; May 9.
- Colvin, Robert H., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Water softener valve. 1,910,753; May 23.
- Colvin, Ruel, Washington, D. C. High-frequency amplifier system. 1,933,707; Nov. 7.
- Colwell, Archie T., Cleveland Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Exhaust valve seat insert. 1,911,173; May 23.
- Comas Cigarette Machine Company. (See Brandt, William A., assignor.)
- Comas Cigarette Machine Company. (See Pasley, Thomas E., assignor.)
- Comas Cigarette Machine Company, et al. (See Weisner, Robert L., assignor.)
- Combie & Co. Inc. (See Megroz, Georges, assignor.)
- Combination Selector Company. (See Rainey, Paul M., assignor.)
- Combined Metals Reduction Company. (See Bradford, James H., assignor.)
- Combs, Joseph S. (See Amick, K. E., and Combs.)
- Combustion Fuel Oil Burner Company. (See Rogers, H. S., and Raddatz, assignors.)
- Combustion Machinery Company. (See Cronin, Arthur D., assignor.)
- Combustion Utilities Corporation. (See Burke, S. P., and Bhagwat, assignors.)
- Combustion Utilities Corporation. (See Caplan, Solomon, assignor.)
- Combustion Utilities Corporation. (See Johnson, Alfred, assignor.)
- Combustion Utilities Corporation. (See Klees, Albert L., assignor.)
- Combustion Utilities Corporation. (See Loebell, Henry O., assignor.)
- Combustion Utilities Corporation. (See Schumann, Theodor E. W., assignor.)
- Combustion Utilities Corporation. (See Wright, Carl J., assignor.)
- Combustioneer, Inc. (See Burton, Warren D., assignor.)
- Comer, William T., assignor to Crystal Carbonic Laboratory, Atlanta, Ga. Apparatus for and process of freezing comestibles. 1,940,164; Dec. 19.
- Comerford, Joseph S. (See Hall, J. H., and Comerford.)
- Comi, Pierino E., Boston, Mass., assignor, by mesne assignments, to J. D. Basson, Brooklyn, N. Y. Motion picture projector attachment. 1,928,661; Oct. 3.
- Comings, Henry E. (See Gregory, E. E., and Comings.)
- Comisky, William, Prospect Park, assignor to United Reed and Harness Company, Paterson, N. J. Shuttle. 1,936,226; Nov. 21.
- Comley, Wilbur N., Westdeford, N. J. Folding box. 1,935,019; Nov. 14.
- Commerce Guardian Bank, The, trustee. (See Hallerberg, Theodore W., assignor.)
- Commerce Guardian Bank, The, Trustee. (See Williams, F. M., and Coble, assignors.)
- Commerce Guardian Bank of Toledo, The. (See Williams, F. M., and Coble, assignors.)
- Commerce Guardian Trust & Savings Bank, The, trustee. (See Replogle, Daniel B., assignor.)
- Commercial Investment Trust Incorporated. (See Malocay, Francis X., assignor.)
- Commercial Iron Works of Los Angeles. (See Muff, Oliver W., assignor.)
- Commercial Iron Works of Los Angeles. (See Rupp, Carl A., assignor.)
- Commercial Patents Development Company. (See Black, Russell, assignor.)
- Commercial Savings Bank & Trust Company. (See Mermer, Stephan P., assignor.)
- Commercial Shearing and Stamping Company, The. (See Cushman, Charles B., assignor.)
- Commercial Shearing and Stamping Company, The. (See Galanot, Camille P., assignor.)
- Commercial Shearing & Stamping Company, The. (See Proctor, Robert V., assignor.)
- Commercial Shearing and Stamping Company, The. (See Stephens, William T., assignor.)
- Commercial Solvents Corporation. (See Bogin, C., and Kelly, assignors.)
- Commercial Solvents Corporation. (See Christensen, Leo M., assignor.)
- Commercial Solvents Corporation. (See Goebel, Max, assignor.)
- Commercial Solvents Corporation. (See Kelly, V., and Bogin, assignors.)
- Commercial Solvents Corporation. (See Krichma, Ignace J., assignor.)
- Commercial Solvents Corporation. (See Krichma, I. J., and Bloomer, assignors.)
- Commercial Solvents Corporation. (See Legg, David A., assignor.)
- Commercial Solvents Corporation. (See Legg, D. A., and Christensen, assignors.)
- Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)
- Commercial Solvents Corporation. (See Martin, J., and Krichma, assignors.)
- Commercial Solvents Corporation. (See Stiles, Hugh R., assignor.)
- Commercial Solvents Corporation. (See Stiles, H. R., and Wilson, assignors.)
- Commercial Solvents Corporation. (See Swallen, L. C., and Martin, assignors.)

- Commercial Solvents Corporation. (See Wilson, Perry W., assignor.)
- Communication Patents Inc. (See Nicolson, Alexander M., assignor.)
- Comp Shoe Machinery Corporation. (See Card, William C., jr., assignor.)
- Compagnie de Produits Chimiques et Electrometallurgiques Alais. (See Hulin, Paul L., assignor.)
- Compagnie de Produits Chimiques et Electro-Metallurgiques Alais, Froges et Camarque. (See Gadeau, Robert A., assignor.)
- Compagnie des Forges et Acieries de la Marine et d'Homecourt. (See Granat, Elie, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Chauveau, Louis L. E., assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Chireix, H., and Goudet, assignors.)
- Compagnie Generale de Telegraphie Sans Fil. (See Nicolas, Paul, assignor.)
- Compagnie Generale de Telegraphie Sans Fil. (See Villem, R., and Aubert.)
- Compagnie Industrielle Franco-Africaine. (See Mercier, Pierre E., assignor.)
- Compagnie Internationale des Freins Automatique Société Anonyme. (See Merchie, Charles, assignor.)
- Compagnie Nationale de Matieres Colorantes & Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann. (See Sack, Ernest A., assignor.)
- Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz. (See Barthelemy, René, assignor.)
- Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz. (See Barthelemy, R., and Le Duc, assignors.)
- Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz. (See Dubusc, R., and Iliovici, assignors.)
- Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz. (See Loubet, Henri R., assignor.)
- Compagnie Technique des Pétroles. (See Schaeffer, J. A., and Pfersch, assignors.)
- Compagnies Reunies des Glaces & Verres Speciaux du Nord de la France. (See Despret, Georges E., assignor.)
- Compania Salitrera Anglo-Chilena. (See Gleason, George H., assignor.)
- Complete Calculator Company. (See Golber, Hyman, assignor.)
- Compso Shoe Machinery Corporation. (See Bresnahan, William H., assignor.)
- Compso Shoe Machinery Corporation. (See Card, William C., jr., assignor.)
- Compso Shoe Machinery Corporation. (See Holland, F., and Damon, assignors.)
- Compso Shoe Machinery Corporation. (See Weiss, Arthur J., assignor.)
- Compound and Pyrono Door Co. (See Will, James A., assignor.)
- Compton, Charles A., Menlo Park, Calif. Filter. 1,927,228; Sept. 19.
- Compton, Charles A., Menlo Park, Calif. Oil filter for automobiles and the like. 1,927,229; Sept. 19.
- Compton, Harry L., assignor to American Dairy Supply Company, Washington, D. C. Attachment for serving bottle caps of varying thickness. 1,925,950; Sept. 5.
- Compton, Harry L., assignor to American Dairy Supply Company, Washington, D. C. Bottle capping machine feeding attachment. 1,925,951; Sept. 5.
- Compton, Harry L., assignor to American Dairy Supply Company, Washington, D. C. Bottle centering and capping machine. 1,935,141; Nov. 14.
- Compton, O. W. (See Murrow, William R., assignor.)
- Compton, Walter H., assignor of one-half to S. Darling, Fort Madison, Iowa, and one-half to Frank Grandinetti, Chicago, Ill. Automatic card printing and vending machine. 1,928,928; Oct. 3.
- Comstock, Alphonso S., Evanston, Ill. Heating system. 1,931,719; Oct. 24.
- Comstock, Daniel F., Brookline, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Heat exchange method and apparatus. 1,892,869; Jan. 3.
- Comstock, Daniel F., assignor to Comstock & Wescott, Inc., Boston, Mass. Fluid system. 1,892,870; Jan. 3.
- Comstock, Daniel F., Boston, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Vacuum insulation. 1,898,172; Feb. 21.
- Comstock, Daniel F., Boston, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Vacuum insulation. 1,898,977; Feb. 21.
- Comstock, Daniel F., Boston, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Absorption system. 1,924,914; Aug. 29.
- Comstock, Francis M., et al. (See Knight, Clarence F., assignor.)
- Comstock, Gregory J., Edgewood, assignor to Firth-Sterling Steel Company, McKeesport, Pa. Making hard metal compositions. 1,910,884; May 23.
- Comstock & Wescott, Inc. (See Comstock, Daniel F., assignor.)
- Comstock & Wescott, Inc. (See Mancib, Alvin S., assignor.)
- Comstock & Wescott, Inc. (See Whitney, Lyman F., assignor.)
- Conant, David J., Memphis, Tenn. Well reamer. 1,900,226; Mar. 7.
- Conant, David J., Memphis, Tenn., assignor to Westinghouse Electric & Manufacturing Company. Engine cooling system. 1,930,508; Oct. 17.
- Conant, David J., Swissvale, and L. C. Frank, Turtle Creek, Pa., assignors to Westinghouse Electric and Manufacturing Company. Low temperature engine-protecting device. 1,932,064; Oct. 24.
- Conant, Franklin N., assignor to The Chase-Shawmut Company, Newburyport, Mass. Renewable electric fuse and making it. 1,919,273; July 25.
- Conant, Franklin N., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse. 1,919,274; July 25.
- Conant, Lawrence W., assignor to Ko-Rect Posture Chair Company, High Point, N. C. Posture regulating chair. 1,922,418; Aug. 15.
- Conant, Leon B., Wellesley, Mass. Vulcanizing rubber to leather. 1,934,038; Nov. 7.
- Conant, Ray W., assignor to H. D. Brown, Los Angeles, Calif. Apparatus and making composition shingles. 1,913,475; June 13.
- Conard, Frederick D., Philadelphia, Pa. Grate. 1,939,877; Dec. 19.
- Conard, Frederick U., Rockford, Ill. Differential drive mechanism. 1,934,039; Nov. 7.
- Conarroe, Shelton H., Lawrence, Ind., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,906,841; May 2.
- Conarroe, Shelton H., Lawrence, Ind., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,906,842; May 2.
- Concha, Thomas. (See von Astholz, M., and Concha.)
- Concrete Construction Accessories Co. (See Copestake, William G., assignor.)
- Concrete Silo Company. (See Brassert, W., and Gladville, assignors.)
- Concrete-Wood Floor Clip Company. (See Wolfson, Samuel J., assignor.)
- Condé, Loie. (See Mueller, F. H., and Condé.)
- Condello, Salvatore. (See Moorehouse, John H., assignor.)
- Condenser Corporation of America. (See Danziger, Harold I., assignor.)
- Condit Electrical Manufacturing Company. (See Jansson, Gustav E., assignor.)
- Condit Electrical Manufacturing Corporation. (See Ainsworth, Chester D., assignor.)
- Condit Electrical Manufacturing Corporation. (See Burnham, George A., assignor.)
- Condit Electrical Manufacturing Corporation. (See Edsall, William S., assignor.)
- Condit Electrical Manufacturing Corporation. (See Jansson, Gustav E., assignor.)
- Condit Electrical Manufacturing Corporation. (See Kelle, Arthur C., assignor.)
- Condit Electrical Manufacturing Corporation. (See Macneil, Frederick H., assignor.)
- Condit Electrical Manufacturing Corporation. (See O'Keefe, George W., assignor.)
- Condit Electrical Manufacturing Corporation. (See Pinkham, Henry P., assignor.)
- Condit Electrical Manufacturing Corporation. (See Wood, Joseph D., assignor.)
- Condit, Sears B. (See Burns, Edward J., assignor.)
- Conditionaire Company. (See Johnson, Willard M., assignor.)
- Condon, Edward T., New York, N. Y. Directional sign for motor vehicles. Des. 88,858; Jan. 3.
- Condon, Joseph P., Omaha, Nebr. Combined window guard and screen. 1,902,949; Mar. 28.
- Condon, Robert S., assignor to Gleason Works, Rochester, N. Y. Gear testing machine. 1,911,435; May 30.
- Condor Company. (See Foster, Walter F., assignor.)
- Condron, Mark M., Memphis, Tenn. Drag-head for dredging machines. 1,939,389; Dec. 12.
- Cone, Carroll, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for forming sheet glass. 1,895,916; Jan. 31.
- Cone, Carroll, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for the manufacture of sheet glass. 1,904,978; Apr. 18.
- Cone, Carroll, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Fluid cooled roll. 1,937,382; Nov. 28.
- Cone, Charles N. (See Dike, T. W., and Cone.)
- Cone, Charles N. (See Eilersten, L. W., Cone, Davidson Laucks, and Banks.)
- Cone, Frank L., Windsor, Vt. Machine tool with chip-removing means. 1,912,622; June 6.
- Cone, Frank L., Windsor, Vt. Multiple spindle automatic lathe. 1,934,620; Nov. 7.
- Cone, Ralph R., Glen Ellyn, assignor to William H. A. Martens, Maywood, Ill. Apparatus for use in bowling. 1,911,436; May 30.
- Coné, Samuel H., Wilmington, Del., assignor to The Tannin Corporation. Making mahogany stain. 1,925,749; Sept. 5.
- Conekin, George M., Philadelphia, Pa. Auxiliary heater for steam boilers. 1,935,142; Nov. 14.
- Coney, David M. and Z. T., San Francisco, Calif. Toothbrush. 1,924,152; Aug. 29.
- Coney, James D., Detroit, Mich. Machine for making garment hangers. 1,906,741; May 2.
- Coney, Joseph J. (See Hiller, S., and Coney.)
- Coney, Richard H., et al. (See Roberts, Lee B., assignor.)

- Coney, Zachary T. (See Coney, D. M. and Z. T.)
- Conforti, Matthew, New York, and R. Malerba, Brooklyn, N. Y. Cigarette ejector and lighter. 1,906,134; Apr. 25.
- Conger, Jonathan D., and A. Hitz, Clarkston, Wash., assignors of one-fourth to O. D. Shook, Lewiston, Idaho, and one-fourth to J. R. Adkison, Clarkston, Wash. Hydraulic brake. 1,932,334; Oct. 24.
- Conger, Kenyon B., jr. (See Sersen, Fred J., assignor.)
- Congoleum-Nairn, Inc. (See Bonney, R. D., and Egge, assignors.)
- Conkey, C. R. (See Nemas, Frank L., assignor.)
- Conkie, Waldo J., assignor to F. R. Wright, Denver, Colo. Song film, using said film and manufacturing the same. 1,930,552; Oct. 17.
- Conklin, David L., Independence, assignor of one-third to F. O. True, Kansas City, Mo. Display grease chart. 1,904,356; Apr. 18.
- Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Piezo-electric crystal holder. 1,908,320; May 9.
- Conklin, John E., Brooklyn, N. Y. Rubber faucet connection. 1,939,204; Dec. 12.
- Conklin Pen Company, The. (See Bassett, Gerald L., assignor.)
- Conklin Pen Company, The. (See Bienenstein, Andreas, assignor.)
- Conklin, Roscoe D., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Compressible mat electric treadle. 1,915,292; June 27.
- Conkling, Lester J., Edgewood, Md. Fast burning type candle. Re1,938; Sept. 5.
- Conkling, Lester J., Edgewood, Md. Fast burning type candle. 1,895,149; Jan. 24.
- Conley, Arthur W., Shaker Heights, Ohio. Air conditioning and circulating device. 1,894,085; Jan. 10.
- Conley, Charles C. (See Scott, H. B., and Conley.)
- Conley, Earle F., Spiritwood, N. Dak. Pneumatic lift. 1,931,815; Oct. 24.
- Conley, Hugh A., Lynwood, Calif., assignor to Conley Plastering Machine Company, Incorporated, Bisbee, Ariz. Plastering machine. 1,895,608; Jan. 31.
- Conley, Hugh A., Lynwood, assignor to Conley Plastering Machine Company, Inc., Compton, Calif. Applying plaster materials. 1,918,799; July 18.
- Conley, Kurt H., Bridgeport, Conn., assignor to The Bullard Company. Controlling gear shifting mechanism. 1,938,319; Dec. 5.
- Conley Plastering Machine Company, Inc. (See Conley, Hugh A., assignor.)
- Conley, Ray A., Los Angeles, and C. Jordan, Culver City, Calif. Device for controlling the wetness of steam. 1,923,422; Aug. 22.
- Conlin, Frederick, New York, N. Y. Electroplating and compositions for use therein. 1,894,669; Jan. 17.
- Conlin, Frederick, New York, N. Y. Electrocleaning. 1,894,670; Jan. 17.
- Conlin, Frederick, New York, N. Y. Process and apparatus for electroplating. 1,898,618; Feb. 21.
- Conlin, Frederick, New York, N. Y. Brush for electrolytic use and electrodes therefor. 1,908,222; May 9.
- Conlon, Bartholomew J., assignor to The Conlon Manufacturing Company, Bridgeport, Conn. Rivet drilling machine. 1,902,762; Mar. 21.
- Conlon Corporation. (See Janda, Rudolph W., assignor.)
- Conlon Manufacturing Company, The. (See Conlon, Bartholomew, J., assignor.)
- Conlon, Thomas A. (See Goebert, E. C., and Conlon.)
- Conn, C. G., Ltd. (See Burkle, Philip J., assignor.)
- Conn, C. G., Ltd. (See Dausman, Willard P., assignor.)
- Conn, C. G., Ltd. (See Greenleaf, Leland B., assignor.)
- Conn, C. G., Ltd. (See Loomis, Allen, assignor.)
- Conn, C. G., Ltd. (See Neptune, Frederick W., assignor.)
- Conn, Joseph C., Boonton, N. J. Indicator device. 1,901,346; Mar. 14.
- Conn, Joseph C., Boonton, N. J. Film feeding apparatus. 1,927,062; Sept. 19.
- Conn, Joseph C., Boonton, N. J. Film splicing apparatus. 1,927,063; Sept. 19.
- Conn, Robert W., Edgewood, R. I., assignor to Westinghouse Lamp Company. Automatic electrode mounting machine. 1,920,630; Aug. 1.
- Conn, Robert W., Vauxhall, N. J., assignor to Westinghouse Electric & Manufacturing Company. Traffic control system. 1,939,436; Dec. 12.
- Conn, Wallace T., Washington, D. C., assignor to the Government of the United States. Extracting oil and moisture from "fish press cake." 1,903,503; Apr. 11.
- Conn, William G., Woodbury, N. J., assignor to Vacuum Oil Company, Inc., New York, N. Y. Feed and discharge mechanism. 1,935,614; Nov. 21.
- Connaway, Cass, Albany, N. Y. Memorandum device. Des. 91,233; Dec. 26.
- Connecticut Paper Products Company. (See Ericson, Joseph E., assignor.)
- Connecticut Telephone & Electric Corporation. (See Brogger, Ivar W., assignor.)
- Connecticut Telephone & Electric Corporation. (See Cadioux, Joseph O., assignor.)
- Connecticut Telephone & Electric Corporation. (See Hillard, Thomas W. N., assignor.)
- Connell, Edwin L., assignor to Van Dorn Electric Tool Company, Towson, Md. Collet. 1,917,752; July 11.
- Connell, George A. (See Cramer, T. M., and Connell.)
- Connell, Martin F., Holliston, Mass. Nonskid attachment for automobiles. 1,908,692; May 16.
- Connell, Melvin A., jr., S. Kelley, and A. Canfield, Saginaw, Mich. Contact bridge for intercept blocks. 1,913,871; June 13.
- Connell, Sidney, Washington, D. C., assignor of eighty-two per cent to W. H. Grund and E. H. Spindler, trustees. Timing device for controlling telephone or other circuits. 1,921,733; Aug. 8.
- Connell, Sidney S., Washington, D. C., assignor of 82 per cent to W. H. Grund and E. H. Spindler, trustees. Circuit maker and breaker. 1,926,611; Sept. 12.
- Connolly, Donald S., Wooster, and T. J. Hahn, Canton, assignors to Wooster Products Inc., Wooster, Ohio. Making cast products. 1,920,244; Aug. 1.
- Connolly, Donald S., Wooster, and T. J. Hahn, Canton, assignors to Wooster Products Inc., Wooster, Ohio. Cast product embodying material of low specific gravity. 1,934,592; Nov. 7.
- Connolly, Katherine I. (See Hanson, Anton M., assignor.)
- Connolly, Lawrence E., Cleveland Heights, Ohio, assignor, by mesne assignments, to Foster Wheeler Corporation, New York, N. Y. Water tube boiler. 1,901,899; Mar. 21.
- Connolly, Pearce H., Columbia, Ga. Playground unit. 1,914,555; June 20.
- Conner, Ashby P., deceased, and R. L. Jaspersen, South Bend, Ind.; St. Joseph Loan and Trust Co., administrator. Reformation of metal wheels. 1,940,247; Dec. 19.
- Conner, Benjamin F., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Bottle cap. Des. 89,874; May 16.
- Conner, Benjamin F., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure. 1,910,913; May 23.
- Conner, Benjamin F., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Molding. 1,935,942; Nov. 21.
- Conner, Benjamin F., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Insert for vacuum tube bases. 1,935,943; Nov. 21.
- Conner, Edward A., Bridgeport, Conn., assignor, by mesne assignments, to American Cable Company, Inc., New York, N. Y. Stranding. 1,906,543; May 2.
- Conner, Edward A., Stratford, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine razor. 1,892,931; Jan. 3.
- Conner, Edward A., Stratford, and C. G. Johnson, Bridgeport, Conn., assignors to American Cable Company, Inc. Brake. 1,940,845; Dec. 26.
- Conner, Glenn G., Rockford, Ill. Plant eradicator. 1,909,613; May 16.
- Conner, James E. (See McLavy, R. B., and Conner.)
- Conner, Leland C., Orangeville, Pa. Hand truck. 1,921,661; Aug. 8.
- Connors, Herbert A., Lexington, assignor to Swift & Anderson, Inc., Boston, Mass. Magnifying and illuminating device. 1,909,662; May 16.
- Connorsville Blower Company, Inc., The. (See Houghton, Carl R., assignor.)
- Connery, Alder F. (See Woodward, M. H., and Connery.)
- Connery, Alder F., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Cable code printer. 1,910,823; May 23.
- Connery, Alder F., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Synchronizing system. 1,910,824; May 23.
- Connery, Alder F., Brooklyn, assignor to International Communications Laboratories, Inc., New York, N. Y. Printing telegraph exchange system. 1,911,809; May 30.
- Connery, Alder F., Brooklyn, assignor to International Communications Laboratories, Inc., New York, N. Y. Regenerative repeater. 1,915,517; June 27.
- Connery, Alder F., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Synchronizing system. 1,915,518; June 27.
- Connery, Alder F., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Telegraph correction system. 1,929,879; Oct. 10.
- Connery, Alder F., and M. H. Woodward, Brooklyn, assignors to International Communications Laboratories, Inc., New York, N. Y. Cable code printer. 1,895,095; Jan. 24.
- Connolly, Arthur G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,934,967; Nov. 14.
- Connolly, Arthur G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,934,968; Nov. 14.
- Connolly, Arthur G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,938,998; Dec. 12.
- Connolly, Daniel J., Edmonton, Alberta, Canada. Device for waving and curling hair. 1,931,645; Dec. 24.
- Connolly, Gerald C. (See Miller, E. B., and Connolly.)
- Connolly, Gerald C., assignor to The Silica Gel Corporation, Baltimore, Md. Refining hydrocarbon. 1,909,811; May 16.
- Connolly, Gerald C., assignor to The Silica Gel Corporation, Baltimore, Md. Making gels. 1,935,176; Nov. 14.
- Connolly, Gerald C., assignor to The Silica Gel Corporation, Baltimore, Md. Making gels. 1,935,178; Nov. 14.

- Connolly, Gerald C., and E. B. Miller, assignors to The Silica Gel Corporation, Baltimore, Md. Making gels. 1,900,859; Mar. 7.
- Connolly, Gerald C., and J. A. Pierce, assignors to The Silica Gel Corporation, Baltimore, Md. Preparing catalytic masses. 1,935,177; Nov. 14.
- Connolly, James E., Baltimore, Md. Manufacturing safety razor blades. 1,916,416; July 4.
- Connor, Anthony W., Tampa, Fla. Multiple core venting machine. 1,925,479; Sept. 5.
- Connor, Eugene F., Seattle, Wash. Display rack. 1,931,403; Oct. 17.
- Connor, James F., Cleveland, Ohio. Brush. 1,919,010; July 18.
- Connor, James F., Cleveland, Ohio. Brush. 1,919,011; July 18.
- Connor, James G., assignor to The Animated Roboquin Display Company, Kansas City, Kans. Mechanical figure. 1,903,371; Apr. 4.
- Connor, John H., Newton, Mass. Machine for operating upon hides, skins, leather, and other similar pieces of work. 1,938,278; Dec. 5.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Home Corporation. Removing dust while machining cylinders. 1,934,226; Nov. 7.
- Connor, Kirke W., Detroit, Mich., assignor to Micromatic Home Corporation. Honing tool and fixture. 1,939,205; Dec. 12.
- Connor, Roger L., assignor to The McBee Company, Athens, Ohio. Manifold bill book. 1,938,448; Dec. 5.
- Connors, Alford A., North Hollywood, Calif. Game apparatus. 1,906,900; May 2.
- Connors, Frederick P., Detroit, Mich. Adjustable belt pulley. 1,897,720; Feb. 14.
- Connors, George H., (See Allen, E. H., and Connors.)
- Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Automatic coupling mechanism for vehicles. 1,926,264; Sept. 12.
- Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Automatic brake coupling. 1,931,752; Oct. 24.
- Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Coupling mechanism for vehicles. 1,935,112; Nov. 14.
- Connors, George H., and F. C. Stiff, assignors to Highway Trailer Company, Edgerton, Wis. Automatic semitrailer. 1,921,250; Aug. 8.
- Connors, William J., San Jose, Calif. Toilet ventilator. 1,915,776; June 27.
- Conolly, Henry, Company. (See Warner, William F., jr., assignor.)
- Conover Company, The. (See Hilpert, W. S., and Stoddard, assignors.)
- Conover Company, The. (See Stoddard, Edgar S., assignor.)
- Conover Company, The. (See Watt, Elihu D., assignor.)
- Conover, Courtney, assignor to Monsanto Chemical Works, St. Louis, Mo. Purification of maleic acid. 1,914,556; June 20.
- Conover, Courtney, assignor, by mesne assignments, to Monsanto Chemical Company. Refining crude phthalic anhydride. 1,916,657; July 4.
- Conover, Courtney, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of benzoic acid. 1,937,383; Nov. 28.
- Conover, Elizabeth A., (See Hitz, Henry B., assignor.)
- Conover, Harvey, Evanston, Ill. Animated pictures. 1,925,136; Sept. 5.
- Conover, Hugh B., Steubenville, Ohio, assignor to Carnegie Steel Company. Apparatus for wetting skip car charges. 1,933,417; Oct. 31.
- Conoyer, George J., assignor to Dennison Manufacturing Company, Framingham, Mass. Shield. 1,912,178; May 30.
- Conquest, Victor, G. Redemske, and E. L. Lalumier, assignors to Armour and Company, Chicago, Ill. Meat banger. 1,936,380; Nov. 21.
- Conrad, David E., Eldon, Iowa, and V. V. Baldwin, Omaha, Nebr., assignors to Camel Company, Chicago, Ill. Automobile box car door post. 1,914,194; June 13.
- Conrad, Frank. (See Aalborg, C., and Conrad.)
- Conrad, Frank, Pittsburgh, Pa. Electric clock. 1,911,062; May 23.
- Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control device. 1,934,524; Nov. 7.
- Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmission system. 1,939,042; Dec. 12.
- Conrad, Nicholas J., Winnetka, assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 1,924,484; Aug. 29.
- Conrad, William T., Lawndale, Calif. Automobile tire valve. 1,917,499; July 11.
- Conrader, Rudolph, deceased, by Sophia Conrader and A. L. C. Seitz, executrices, Erie, Pa. Pressure responsive device. 1,927,153; Sept. 19.
- Conrader, Sophia, et al., executrices. (See Conrader, Rudolph.)
- Conradty, Ottmar, Nuremberg, Germany. Arc lamp. 1,908,321; May 9.
- Conradty, Ottmar, Nuremberg, Germany. Condensing apparatus. 1,932,954; Oct. 31.
- Conran, William F., Brooklyn, N. Y. Standpipe system. 1,928,006; Sept. 26.
- Conrath, George A., Chicago, Ill., assignor of one-half to C. S. Denman. Pulverized fuel system. 1,898,341; Feb. 21.
- Conroy, James, et al. (See McCullough, Samuel A., assignor.)
- Conroy, Marcus F., assignor to Luzerne Motor Company, Luzerne, Pa. Etching process and composition for use therein. 1,903,778; Apr. 18.
- Conroy, Martin J., Chicago, Ill. Perforated retainer plate construction for fire brick walls. 1,921,346; Aug. 8.
- Consaël, Jean Marie. (See Servanton, J., and Consaël.)
- Consistometer Corporation. (See Peck, Lawrence W., assignor.)
- Consistometer Corporation. (See Stephens, Elton S., assignor.)
- Consolazio, Anthony, Watertown, Mass. Flowerpot holder. 1,930,673; Oct. 17.
- Consolidated Advertising Corp'n Ltd. (See Hyde, William C., assignor.)
- Consolidated Ashcroft Hancock Company. (See Allen, Chauncey D., assignor.)
- Consolidated Ashcroft Hancock Company. (See Beck, Rudolf, assignor.)
- Consolidated Ashcroft Hancock Company. (See Heise, Otto W., assignor.)
- Consolidated Ashcroft Hancock Company. (See Hopkins, Frank H., assignor.)
- Consolidated Ashcroft Hancock Company. (See Sylvander, R. C., and Beck, assignors.)
- Consolidated Automatic Merchandising Corporation. (See Robinson, Andrew M., assignor.)
- Consolidated Car-Heating Company. (See Hammond, William S., assignor.)
- Consolidated Car-Heating Company. (See Hyatt, Louis C., assignor.)
- Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)
- Consolidated Car-Heating Company. (See Oakley, G. E., and Hyatt, assignors.)
- Consolidated Car Heating Company. (See Parsons, Robert J., assignor.)
- Consolidated Connector Patent Corporation. (See Barber, Martin A., assignor.)
- Consolidated Connector Patent Corporation. (See Brill, Joseph M., assignor.)
- Consolidated Connector Patent Corporation. (See Brill, J. M., and Barber.)
- Consolidated Expanded Metal Companies, The. (See Herbst, Thomas R., Jr., assignor.)
- Consolidated Gas Company of New York, The. See Lundt, E. C. and Bertl, assignors.)
- Consolidated Iron-Steel Manufacturing Company, The. (See Luff, Lawrence W., assignor.)
- Consolidated Iron-Steel Manufacturing Company of 1932, The. (See Luton, John, assignor.)
- Consolidated Laundries Corporation. (See Jones, Joseph S., assignor.)
- Consolidated Mining and Smelting Company of Canada, Limited, The. (See Hannay, W. H., and Lee, assignors.)
- Consolidated Mining and Smelting Company of Canada, Limited. (See McCallum, A. L., Sutherland, and Thompson, assignors.)
- Consolidated Packaging Machinery Corp. (See Cundall, Robert N., assignor.)
- Consolidated Paper Company. (See Schroeder, Arthur C., assignor.)
- Consolidated Patentees Corporation. (See Epstein, Albert A., assignor.)
- Consolidated Safety Pin Company. (See Hagel, Albert, assignor.)
- Consolidated Signal Company. (See Mericka, C. O., and Loser, assignors.)
- Consolidated Signal Company. (See Taylor, E. H., Seifert, Mericka, Loser, Behnke, and Somervell, assignors.)
- Consolidated Steel Corporation. (See Kinnard, Luther J., assignor.)
- Consolidated Wire & Associated Corporations. (See Mann, Paul L., assignor.)
- Consortium fuer Elektrochemische Industrie, G. m. b. H. (See Hermann, W. O., and Deutsch.)
- Consortium fuer Elektrochemische Industrie. (See Herrmann, W. O., and Baum, assignors.)
- Consortium fuer Elektrochemische Industrie. (See Herrmann, W. O., and Haehnel, assignors.)
- Consortium fuer Elektrochemische Industrie G. m. b. H. (See Eibner, A., Herrmann, Haehnel, and Miller, assignors.)
- Consortium fuer Elektrochemische Industrie, G. m. b. H. (See Herrmann, W. O., and Baum, assignors.)
- Constable, Charles E., assignor to The National Marking Machine Company, Cincinnati, Ohio. Truck lift. 1,893,273; Jan. 3.
- Constable, Charles E., and H. F. Kunold, Cincinnati, Ohio. Mechanical assorting device. 1,905,217; Apr. 25.
- Constensoux, Robert, assignor to Georges Bariquand, Paris, France. Multiple carburetor. 1,895,279; Jan. 24.
- Construction Materials Patents, Inc. (See Siegfried, Clarence E., assignor.)
- Contact Filtration Company. (See Fuller, Ira K., assignor.)
- Container Corporation of America. (See Barker, Charles P., assignor.)
- Container Corporation of America. (See Halladay, John F., assignor.)

- Container Corporation of America. (See Keller, Ira C., assignor.)
- Container Corporation of America. (See Potter, Dale B., assignor.)
- Container Corporation of America. (See Potter, Earl C., assignor.)
- Container Corporation of America. (See Walter, Harrison B., assignor.)
- Conti, Eugene, Mount Vernon, assignor to Alexander Herz, New Rochelle, N. Y. Tube forming machine. 1,917,187; July 4.
- Conti, Eugene, Mount Vernon, assignor to A. Herz, New Rochelle, N. Y. Tube forming machine. 1,925,791; Sept. 5.
- Conti, Eugene, Mount Vernon, assignor to Alexander Herz, New Rochelle, N. Y. Tube forming machine. 1,938,095; Dec. 5.
- Conti, Eugene, Mount Vernon, assignor to Alexander Herz, New Rochelle, N. Y. Tube forming machine. 1,938,096; Dec. 5.
- Continental Aircraft Engine Company. (See Insley, Robert, assignor.)
- Continental Aircraft Engine Company. (See Niven, Archie M., assignor.)
- Continental Aircraft Engine Company. (See Waddell, William, assignor.)
- Continental Automobile Company. (See Dietrich, Raymond H., assignor.)
- Continental Baking Company. (See Bleier, William D., assignor.)
- Continental Can Company. (See Anderson, Ernst D., assignor.)
- Continental Can Company. (See Aulbach, Charles J., assignor.)
- Continental Can Company. (See Coyle, John, assignor.)
- Continental Can Company, Inc. (See Engelman, Joseph J., assignor.)
- Continental Can Company. (See Fink, H. A., and Schmidt, assignors.)
- Continental Can Company. (See Greiner, George J., assignor.)
- Continental Can Company. (See Hansen, Chris, assignor.)
- Continental Can Company. (See Hodgson, William W., assignor.)
- Continental Can Company. (See Householder, Harvey E., assignor.)
- Continental Can Company. (See Kratz, Henry, assignor.)
- Continental Can Company. (See Kronquest, Alfred L., assignor.)
- Continental Can Company. (See Kronquest, A. L., and Searle, assignors.)
- Continental Can Company. (See Kronquest, A. L., and Sedwick, assignors.)
- Continental Can Company. (See Lange, Charles, assignor.)
- Continental Can Company. (See McDonald, Charles D., assignor.)
- Continental Can Company. (See McKee, John A., assignor.)
- Continental Can Company. (See McKinnis, Ronald B., assignor.)
- Continental Can Company. (See Meyer, William H., assignor.)
- Continental Can Company. (See Plumb, Walter G., assignor.)
- Continental Can Company. (See Prah, Frederick A., assignor.)
- Continental Can Company. (See Prah, F. A., and O'Brien, assignors.)
- Continental Can Company. (See Punte, William F., assignor.)
- Continental Can Company. (See Punte, W. F., and Aulbach, assignors.)
- Continental Can Company. (See Ross, Robert B., assignor.)
- Continental Can Company. (See Troyer, N., and Pearson, assignors.)
- Continental Can Company. (See Wilhelm, Walter V., assignor.)
- Continental Carbon, Inc. (See Benkelman, Glen F., assignor.)
- Continental Car-Na-Var Corporation. (See Dulin, John L., assignor.)
- Continental Diamond Fibre Company. (See Frederick, Louis T., assignor.)
- Continental-Diamond Fibre Company. (See Hollingworth, D. W., and Tarr, assignors.)
- Continental Diamond Fibre Company. (See Howard, L. L., and Haroldson, assignors.)
- Continental Diamond Fibre Company. (See Richards, B. H. F., and Haroldson, assignors.)
- Continental-Diamond Fibre Company. (See Swallow, Gerald, assignor.)
- Continental Distilling Corporation. (See Kessler, Frank T., assignor.)
- Continental-Divco Company. (See Bacon, George M., assignor.)
- Continental Divco Company. (See Maurer, E. R., and Ferguson, assignors.)
- Continental-Divco Company. (See Nicol, John, assignor.)
- Continental Gln Company. (See Deems, Frank E., assignor.)
- Continental Gln Company. (See Elliott, Thomas, assignor.)
- Continental Illinois Bank and Trust Company, The. (See Hoof, Addison C., assignor.)
- Continental Motors Corporation. (See Bachle, Carl F., assignor.)
- Continental Motors Corporation. (See Fink, James O., assignor.)
- Continental Motors Corporation. (See Jacoby, Enos R., assignor.)
- Continental Motors Corporation. (See Kalb, Lewis P., assignor.)
- Continental Motors Corporation. (See Kreis, Oscar C., assignor.)
- Continental Motors Corporation. (See Meyer, Andre J., assignor.)
- Continental Motors Corporation. (See Niven, Archie M., assignor.)
- Continental Motors Corporation. (See Tatter, John W., assignor.)
- Continental Motors Corporation. (See Taylor, Edward S. and C. F., assignors.)
- Continental Motors Corporation. (See Timian, Harold H., assignor.)
- Continental Motors Corporation. (See Vincent, Edward T., assignor.)
- Continental Oil Company. (See Bennett, Edwin O., assignor.)
- Continental Oil Company. (See Davis, L. L., and Atkinson, assignors.)
- Continental Oil Company. (See Davis, L. L., Henriksen, and Allinson, assignors.)
- Continental Oil Company. (See Henriksen, Alfred, assignor.)
- Continental Oil Company. (See Henriksen, A., and Lincoln, assignors.)
- Continental Oil Company. (See Lincoln, Bert H., assignor.)
- Continental Oil Company. (See Lincoln, B. H., and Henriksen, assignors.)
- Continental Oil Company. (See Miller, W., Henriksen, and Zurcher, assignors.)
- Continental Oil Company. (See Moran, Daniel J., assignor.)
- Continental Oil Company. (See Moran, D. J., and Bennett, assignors.)
- Continental Oil Company. (See Porter, Frank, assignor.)
- Continental Oil Company. (See Zurcher, Paul, assignor.)
- Continental Paper and Bag Corporation. (See Lewis, Oscar W., assignor.)
- Continental Paper & Bag Corporation. (See Sheesley, Horace A., assignor.)
- Continental Paper & Bag Corporation. (See Smithwick, Harold, assignor.)
- Continental Rubber Works. (See Henkel, Paul H., assignor.)
- Continental Scale Works. (See Weber, Mathias J., assignor.)
- Continental Steel Corporation. (See Roemer, George R., assignor.)
- Contois, Ely J., Battle Creek, assignor to Clark Tractor Company, Buchanan, Mich. Trailer. 1,895,844; Jan. 31.
- Convertible Door Mfg. Co. (See Merz, O. H., Arndt, and Lange, assignors.)
- Conway, Alfred A., Cincinnati, Ohio. Clutch. 1,924,108; Aug. 29.
- Conway, John J., assignor to The Acme Shear Company, Bridgeport, Conn. Shipping and display cabinet for shears. 1,901,583; Mar. 14.
- Conway, John P. (See O'Sullivan, John J., assignor.)
- Cook, A. D., Inc. (See Magnuson, Roy M., assignor.)
- Cook, A. D., Inc. (See Willers, George E., assignor.)
- Cook, Asa S., Company, The. (See Crosby, R. S., and Newton, assignors.)
- Cook, Asa S., Company, The. (See Crosby, R. S., and Sponsel, assignors.)
- Cook, C. Lee, Manufacturing Company. (See Durham, Fred D., assignor.)
- Cook, Charles C., Baltimore, Md. End ballast tamper. 1,899,944; Mar. 7.
- Cook, Claude R., Asheville, N. C. Weed puller. 1,908,322; May 9.
- Cook, Clyde C., and C. Badger, Columbus, Ohio, assignors to Owens-Illinois Glass Company. Machine for forming hollow glassware. 1,931,375; Oct. 17.
- Cook, Curtiss L., assignor to Syracuse Chilled Plov Company, Inc., Syracuse, N. Y. Agricultural implement. 1,914,992; June 20.
- Cook, Curtiss L., assignor, by mesne assignments, to Syracuse Chilled Plov Company Inc., Syracuse, N. Y. Hitch connection. 1,918,382; July 18.
- Cook, David L., et al. (See Irwin, David L., assignor.)
- Cook, Earle S. (See Lewis, L. V., and Cook.)
- Cook, Earnshaw, Baltimore, and E. L. Anderson, Sparrows Point, Md., assignor to Bethlehem Steel Company. Optical pyrometer. 1,920,293; Aug. 1.
- Cook Electric Company. (See Baker, John S., assignor.)
- Cook Electric Company. (See Persons, Lawrence M., assignor.)
- Cook Electric Company. (See Wilkins, Albert M., assignor.)
- Cook, Ellsworth D., Flushing, N. Y., assignor to General Electric Company. Electrical distribution system. 1,913,191; June 6.
- Cook, Ellsworth D., Flushing, assignor to United Research Corporation, Long Island City, N. Y. Sound reproducing system. 1,928,410; Sept. 26.
- Cook, Ernest H., Edmonton, Alberta, Canada. Covering for container openings. 1,897,890; Feb. 14.

- Cook, Ernest P., Berlin, N. H. Retinometer. 1,917,500; July 11.
- Cook, Eugene F., Kansas City, Mo. Rotary grinding and polishing device. 1,926,835; Sept. 12.
- Cook, Everett J., assignor to The Dura Company, Toledo, Ohio. Doorlatch. 1,904,970; Apr. 18.
- Cook, Everett J., B. S. Floraday, Toledo, Ohio, and D. Miller, Detroit, Mich., assignors to The Dura Company, Toledo, Ohio. Polisher. 1,938,811; Dec. 12.
- Cook, Frank J., assignor to Showcard Machine Co., Chicago, Ill. Showcard printing machine. 1,910,896; May 23.
- Cook, Frank L., South Bend, Ind. Chain pipe wrench. 1,896,699; Feb. 7.
- Cook, Fred A., Rock Island, Ill. Shim. 1,892,932; Jan. 3.
- Cook, George E., New York, N. Y. Mixing device. 1,904,758; Apr. 18.
- Cook, George E., New York, N. Y. Dispensing machine. 1,935,143; Nov. 14.
- Cook, George E., Jackson Heights, N. Y. Vending machine. 1,938,416; Dec. 5.
- Cook, Harmon J., Torrington, Conn. Inclosed switch. 1,918,248; July 18.
- Cook, Harris J., assignor to The Stanley Works, New Britain, Conn. Fastening means for bit brace chucks. 1,915,245; June 20.
- Cook, Henry A., Trumbull, Conn., assignor to General Electric Company. Adjustable insert. 1,913,192; June 6.
- Cook, Herbert R., and E. A. Bohman, assignors to Jefferson Electric Company, Chicago, Ill. Fuse. 1,912,431; June 6.
- Cook, Jay W., assignor to The C and W Wire Container Company, Detroit, Mich. Wire container. 1,936,227; Nov. 21.
- Cook, John E., Estate, Incorporated, The. (See Dante, Joseph J., assignor.)
- Cook, John N. (See Fisher, O. W., Walter, and Cook.)
- Cook, Junius F., Johannesburg, Transvaal, Union of South Africa. Motor vehicle chassis. 1,929,481; Oct. 10.
- Cook, L. D., Milwaukee, Wis. Corn operated amusement device. 1,937,551; Dec. 5.
- Cook, Leighton B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Monitoring system. 1,909,812; May 16.
- Cook, Leon W., Roselle, N. J., assignor to The Texas Company, New York, N. Y. Preparation of chlorhydrins. 1,904,677; Apr. 18.
- Cook, Mark F., and G. T. Breisch, Niagara Falls, N. Y., assignors to Aluminum Company of America, Pittsburgh, Pa. Work handling mechanism. 1,901,702; Mar. 14.
- Cook, Ralph C., Houston, Tex., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,936,289; Nov. 21.
- Cook, Raymond W., Bristol, Conn. Razor. 1,929,162; Oct. 3.
- Cook, Raymond W., Bristol, Conn. Package for razor blades. 1,935,311; Nov. 14.
- Cook, Raymond W., assignor to The Wallace Barnes Company, Bristol, Conn. Supporting device. 1,935,312; Nov. 14.
- Cook, Stanley S. (See Parsons, C. A., Cook, and Douglas.)
- Cook, Stanley V. (See Chase, F. L., and Cook, assignors.)
- Cook, Vernon E. (See Burton, L. R. H., and Cook.)
- Cook, Willard G., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Crane hoist control. 1,916,415; July 4.
- Cook, Willard G., Forest Hills, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,930,509; Oct. 17.
- Cook, Willard G., Forest Hills, and H. D. James, Edgewood, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control apparatus. 1,924,306; Aug. 29.
- Cook, William, New York, and E. S. Lewis, Brooklyn, N. Y. Illumination. 1,931,343; Oct. 17.
- Cook, William J., Clemmons, N. C. Reinforcing corrugated cardboard. 1,914,845; June 20.
- Cook, William N., Battle Creek, Mich. Gas equalizer for internal combustion engines. 1,921,282; Aug. 8.
- Cooke, Alexander H., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Process and apparatus for treating fish. 1,911,810; May 30.
- Cooke, Bee, Davy, W. Va. Mine door. 1,903,384; Apr. 4.
- Cooke, Emblem N. (See Box, J. V., and Cooke.)
- Cooke, George T., South Norwalk, Conn. Cotter pin spreader. 1,911,990; May 30.
- Cooke, Gordon C., Ridgewood, N. J., and R. F. Becht, assignors to The Robert Becht Co., Cincinnati, Ohio. Can varnishing machine. 1,931,252; Oct. 17.
- Cooke, Herbert T. (See Johnson, Ralph L., assignor.)
- Cooke, Leighton B. (See Arnold, H. B., and Cooke.)
- Cooke, Norman. (See Leben, H., and Cooke.)
- Cooke, Troughton & Simms Limited. (See Linn, John D., assignor.)
- Cooley, Earl, Trinidad, Colo. Manufacturing fish lure and fish lure made thereby. 1,922,841; Aug. 15.
- Cooley, Ernest O., Minneapolis, Minn. Combination garden tool. 1,928,347; Sept. 26.
- Cooley, Leslie W., and D. R. Ward, Denver, Colo. Hair drier. 1,899,261; Feb. 28.
- Coolidge, Charles H., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cloth guiding device. 1,919,291; July 25.
- Coolidge, Cole, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal salts of half acid esters of fatty hydroxylated oil and making them. 1,900,693; Mar. 7.
- Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. Electron discharge device. 1,907,507; May 9.
- Coolidge, William D., assignor to General Electric Company, Schenectady, N. Y. Thermionic apparatus. 1,907,508; May 9.
- Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. X-ray tube. 1,917,099; July 4.
- Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device and method of operation. 1,936,424; Nov. 21.
- Cooling & Air Conditioning Corporation, The. (See Fleisher, Walter L., assignor.)
- Cooling, Louis F., Chicago, Ill., and S. F. Cox, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,928,880; Oct. 3.
- Cooling Tower Co. Inc., The. (See Coffey, Barton H., assignor.)
- Coomber, Louis L., Freeport, Ill. Wheel ramp. 1,902,218; Mar. 21.
- Coombes, Hector C., Wollstonecraft, near Sydney, New South Wales, Australia. Tool support. 1,938,739; Dec. 12.
- Coombes, William, Wollaton, England. Traversing or laying threads, filaments, and the like. 1,931,179; Oct. 17.
- Coombs, James A., London, England, assignor to Activated Sludge, Inc., Chicago, Ill. Activated sludge process of sewage and other impure liquid purification. 1,904,916; Apr. 18.
- Coon, Arthur J., Providence, R. I. Sign standard. Des. 90,399; Aug. 1.
- Coon, Chester C., Oakland, Calif. Wire tapping tool. 1,897,464; Feb. 14.
- Coon, Chester C., Oakland, Calif. Vibration dampener removing tool. 1,897,465; Feb. 14.
- Coon, Chester C., Oakland, Calif. Vibration dampener applicator. 1,897,466; Feb. 14.
- Cooney, Frank B., et al. (See Seitz, Wilford, assignor.)
- Cooney, Frank B., assignor to The American Crayon Company, Sandusky, Ohio. Applicator. 1,909,096; May 16.
- Cooney, Frank B., assignor to The American Crayon Company, Sandusky, Ohio. Packing collapsible tube and the like. 1,922,233; Aug. 15.
- Cooper, Albert N., Santa Ana, assignor to Jesse A. Mackey, Placentia, Calif. Two pedal coaster. 1,899,854; Feb. 28.
- Cooper, Alexander T., et al. (See Gillespie, Homer L., assignor.)
- Cooper-Bessemer Corporation. (See Bovard, Charles M., assignor.)
- Cooper-Bessemer Corporation. (See Stamsvik, Alfred L., assignor.)
- Cooper, Clarence E., and H. S. Gilbertson, assignors to Lehigh Navigation Coal Company, Lansford, Pa. Producing light weight aggregates from breaker waste and the like. 1,896,884; Feb. 7.
- Cooper, Claude B., Watertown, Mass. Filing equipment. 1,928,827; Oct. 3.
- Cooper, Claude B., Watertown, Mass. Divider for drawers. 1,931,891; Oct. 24.
- Cooper, Earl E., assignor to Chambers, Bering, Quinlan Company, Decatur, Ill. Protecting cap. 1,900,093; Mar. 7.
- Cooper, Francis W., Montreal, Quebec, Canada, assignor to Stead Rail Anchors Incorporated, Wilmington, Del. Rail anchor. 1,914,684; June 20.
- Cooper, Frederick R., assignor of one-third to T. L. Swoboda, Los Angeles, and one-third to C. Steed, Van Nuys, Calif. Making and applying artificial stone surfaces. 1,931,573; Oct. 24.
- Cooper, George W., et al. (See Hopkins, A., and Thompson, assignors.)
- Cooper, Glenn A. (See Back, R., and Cooper.)
- Cooper, Grover C., Collingswood, N. J., assignor to Union Special Machine Company, Chicago, Ill. Uncurler guide for sewing machines. 1,901,733; Mar. 14.
- Cooper, Grover C., and J. Mann, Philadelphia, Pa., assignors to Union Special Machine Company, Chicago, Ill. Sewing machine for attaching waist bands to body fabrics. 1,932,575; Oct. 31.
- Cooper, Harry, West Medford, Mass., assignor to The Prosperity Company Inc., Syracuse, N. Y. Ironing press and neck band holder. 1,928,753; Oct. 3.
- Cooper, Henry W., West Newton, assignor to New England Mica Co., Waltham, Mass. Manufacture of insulating material. 1,925,137; Sept. 5.
- Cooper, Hugh S., Cleveland, Ohio, assignor to Kemet Laboratories Company, Inc. Alloy and article composed of same. 1,925,978; Sept. 5.
- Cooper, James, Solvay, assignor to Hall & McChesney, Inc., Syracuse, N. Y. Loose leaf binder. 1,896,881; Feb. 7.
- Cooper, James, assignor to Hall & McChesney, Syracuse, N. Y. Embossing leather as applied to backs of loose leaf binders. 1,919,827; July 25.
- Cooper, James, assignor to Hall & McChesney, Syracuse, N. Y. Loose-leaf binder. 1,934,040; Nov. 7.
- Cooper, Jesse E. (See Ruby, W. H., and Cooper.)
- Cooper, Jesse E., assignor to Western Venetian Blind Co., Los Angeles, Calif. Venetian blind bottom rail construction and hanging. 1,898,940; Feb. 21.

- Cooper, Jesse E., assignor to Western Venetian Blind Co., Los Angeles, Calif. Venetian blind top rail tilting device. 1,933,708; Nov. 7.
- Cooper, Jesse E., assignor to Western Venetian Blind Co., Los Angeles, Calif. Venetian blind channel guide fixture. 1,933,709; Nov. 7.
- Cooper, John, De Ridder, La. Indicating the force with which a baseball strikes a target. 1,923,297; Aug. 22.
- Cooper, Joseph, New York, N. Y. Extension table. 1,938,893; Dec. 12.
- Cooper, Morton B., Lansdale, Pa., assignor to Perkins Glue Company. Adhesive and making the same. 1,925,232; Sept. 5.
- Cooper, Nelson D. (See King, G. E., McShane, Cooper, and Harding.)
- Cooper Owen Thermometer Company. (See Nodine, Frederick A., assignor.)
- Cooper, Samuel M., assignor to Gulf Refining Company, Pittsburgh, Pa. Manufacture of drying oils and resins. 1,938,320; Dec. 5.
- Cooper, Sheldon D., assignor to Republic Steel Corporation, Youngstown, Ohio. Apparatus for handling bent metal. 1,919,186; July 25.
- Cooper, Simon, Brooklyn, N. Y. Package for tea bags. 1,940,078; Dec. 19.
- Cooper, Simon, assignor to Cooper Tea Packet Co. Inc., Brooklyn, N. Y. Making tea bags. 1,894,345; Jan. 17.
- Cooper, Simon, assignor to Cooper Tea Packet Co. Inc., Brooklyn, N. Y. Making tea bags. 1,894,346; Jan. 17.
- Cooper Tea Packet Co., Inc. (See Cooper, Simon, assignor.)
- Cooper, Wellesley B., and E. T. Phoenix, Amsterdam, N. Y., assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Reversible tuft pile carpet or rug. 1,901,840; Mar. 14.
- Cooper, William, and W. F. Knapp, Apalachin, N. Y. Nonskid device. 1,905,441; Apr. 25.
- Cooper, William H., Washington, D. C. Hair curler. 1,932,335; Oct. 24.
- Cooper, William H., Washington, D. C. Winding device for use in permanent waving. 1,941,389; Dec. 26.
- Cooper, William L., Kankakee, Ill. Cook stove. 1,903,091 Mar. 28.
- Cooper, William, & Newpews Incorporated. (See Timson, Charles E., assignor.)
- Cooper, William O. (See Craig, E., and Cooper.)
- Coopersmith, Rudolph, St. Louis, Mo. Folding closet bed. 1,896,288; Feb. 7.
- Coopersmith, Rudolph, St. Louis, Mo. Bed davenport. 1,896,289; Feb. 7.
- Cooperstein, Abraham, et al. (See Cooperstein, Irving and A., and Levitt.)
- Cooperstein, Irving and A., Brooklyn, and A. Levitt, New York, N. Y. Candelabrum. Des. 89,423; Mar. 7.
- Coors, Fritz, Jr., Berlin, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Producing motion picture film. 1,905,442; Apr. 25.
- Coors, William F., Tacoma, Wash. Track oiler. 1,905,155; Apr. 25.
- Coot, John M., Elizabeth, N. J. Low level attachment for storage batteries. 1,911,811; May 30.
- Cootz, Frank J., Jr., and G. Seid, Hollywood, Calif. Sound track printing attachment for motion picture printers. 1,901,147; Mar. 14.
- Cope, Ernest C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Bearing and application thereof. 1,904,203; Apr. 18.
- Cope, Ernest C., and E. Kinsella, Spondon, near Derby, England, assignors to Celanese Corporation of America. Bearing and application thereof. 1,905,443; Apr. 25.
- Cope, Frank T., assignor to The Electric Furnace Company, Salem, Ohio. Heat treating container. 1,914,403; June 20.
- Cope, Frank T., A. H. Vaughan, and W. S. Bowling, assignors to The Electric Furnace Company, Salem, Ohio. Rotary heat treating furnace. 1,903,909; Apr. 18.
- Cope, Frank T., and R. C. Oyster, assignors to The Electric Furnace Company, Salem, Ohio. Furnace. 1,919,054; July 18.
- Cope, Frank T., and R. C. Oyster, assignors to The Electric Furnace Company, Salem, Ohio. Belt drive conveyor. 1,930,584; Oct. 17.
- Cope, Frank T., and W. S. Bowling, assignors to The Electric Furnace Company, Salem, Ohio. Counterflow recuperative furnace. 1,938,581; Dec. 12.
- Cope, Maurice, Kingsley, and E. W. Paulson, Hinton, Iowa. Self-closing door. 1,915,595; June 27.
- Copeland, Francis C., San Francisco, Calif., assignor, by mesne assignments, to J. H. Cohen, Bridgeport, Conn. Cigar and cigarette lighter. 1,919,159; July 18.
- Copeland, Frederic L., and R. Rasmussen, assignors to Bates & Rogers Construction Co., Chicago, Ill. Tunnel construction apparatus. 1,927,256; Sept. 19.
- Copeland, Ira, Detroit, Mich., assignor to American Show Case & Manufacturing Company. Beer dispensing bar. Des. 90,360; July 25.
- Copeland Products, Inc. (See Charter, Edward G., assignor.)
- Copeland Products, Inc. (See Muffy, Glenn, assignor.)
- Copeland Products, Inc. (See Replogle, John R., assignor.)
- Copeland Products, Inc. (See West, Frank R., assignor.)
- Copeland, Robert J., Toronto, Ontario, Canada. Loose leaf binder support. 1,929,482; Oct. 10.
- Copeland, Robert J., Toronto, Ontario, Canada. Autograph register. 1,929,483; Oct. 10.
- Copeland & Thompson, Incorporated. (See Thompson, Sidney E., assignor.)
- Copell, Daniel, Atlantic City, N. J. Key holder. 1,903,372; Apr. 4.
- Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
- Copeman Laboratories Company. (See Hathorne, Berkley L., assignor.)
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Method and apparatus for refrigerating. 1,893,228; Jan. 3.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerating apparatus. 1,902,016; Mar. 21.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Cooling unit. 1,912,826; June 6.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Cooling unit construction. 1,912,827; June 6.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Mold construction for reproducing patterns in rubber. 1,913,747; June 13.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Clotheshpin. 1,916,856; July 4.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Closure member and forming and applying. 1,916,857; July 4.
- Cops, Louis G., Bayonne, N. J., assignor to The Best Foods, Inc., New York, N. Y. Preparation of coffee extract. 1,933,049; Oct. 31.
- Cops, Louis G., Bayonne, C. H. Haurand, North Plainfield, and E. Kellogg, East Orange, N. J., assignors to The Best Foods, Inc., New York, N. Y. Soluble coffee. 1,932,769; Oct. 31.
- Copestake, William G., Newark, assignor to Concrete Construction Accessories Co., Irvington, N. J. Concrete form supporting device. 1,913,070; June 6.
- Copland, Charles J., Kansas City, Mo., and W. B. Newkirk, Western Springs, Ill., assignors to International Patents Development Company, Wilmington, Del. Apparatus for purging crystal massecuites. 1,923,881; Oct. 3.
- Coplen, Milo G., Rockville, Md. Garden stake and reel. 1,933,163; Oct. 31.
- Copony, Alfred, Mount Clemens, assignor to Copony Auto Loading Company, Detroit, Mich. Decking device for vehicles. 1,934,841; Nov. 14.
- Copony Auto Loading Company. (See Copony, Alfred, assignor.)
- Copp, Ralph, assignor to Pevely Dairy Company, St. Louis, Mo. Liquid cooler. 1,894,441; Jan. 17.
- Copp, Wayland J., Zion, Ill. Drawing device. 1,934,969; Nov. 14.
- Coppel, Leonard H., Los Angeles, Calif. Traffic warning device. 1,910,791; May 23.
- Copper Deoxidation Corporation. (See Stout, Harry H., assignor.)
- Copperweld Steel Company. (See Antisell, Frank L., assignor.)
- Coppes Bros. & Zook, Inc. (See Houck, John L., assignor.)
- Coppinger, Edward L., Akron, Ohio. Loading method and apparatus. 1,932,955; Oct. 31.
- Coppock, Ira M., assignor to The Variety Manufacturing Company, Dayton, Ohio. Airplane wheel. 1,928,882; Oct. 3.
- Coppus, Frans H. C., assignor to A. M. C. Wechsberg, V. L. Wood, and F. H. C. Coppus, as trustees, Worcester, Mass. Smoke disposal and draft inducing apparatus. 1,904,357; Apr. 18.
- Coppus, Frans H. C., assignor to Anna M. C. Wechsberg, V. L. Wood, and F. H. C. Coppus, trustees, Worcester, Mass. Roundhouse equipment. 1,917,202; July 4.
- Coquette, André, Essonnes, France. Joint fastening. 1,899,313; Feb. 28.
- Coquille, Emile H., Paris, assignor to Societe Anonyme des Usines Chausson, Asnieres, Seine, France. Wheel support. 1,895,024; Jan. 24.
- Coquillette, Frank M. (See Geesey, L. P., Ferguson, and Coquillette.)
- Coradi, Alfred L., Teaneck, assignor to The Schwarzenbach Huber Company, Union City, N. J. Thread guide and traverse bar bracket. 1,912,256; May 30.
- Coradi, Oswald. (See Pulver, Hans, assignor.)
- Coradi, Oswald, Zurich, and W. Leemann, Ruschlikon, near Zurich, Switzerland. Tracing device for instruments such as integrators and the like. 1,900,332; Mar. 7.
- Corah, William, Mansfield, assignor to Simpson, Wright & Lowe, Limited, Sutton-in-Ashfield, England. Straight bar knitting machine. 1,912,257; May 30.
- Coran, Jack J., St. Louis, Mo. Metatarsal arch support. 1,893,697; Jan. 10.
- Corbett, David G. (See Moork, Alfred C., assignor.)
- Corbett, Edward L. (See De Forest, Cresson J., assignor.)
- Corbett, Edwin P., assignor of one fourth to W. D. Bell, Columbus, Ohio. Ice cube pan structure. 1,908,323; May 9.
- Corbett, James, Providence, R. I. Combined drill and countersink or the like and making same. 1,936,498; Nov. 21.
- Corbett, Sewell M., Fort Bragg, N. C. System or apparatus for humidifying air. 1,940,787; Dec. 26.

- Corbett, Sewell M., and L. H. Stanford, U. S. Army, Fort Sam Houston, Tex. Photographic dust count apparatus. 1,897,111; Feb. 14.
- Corbin, Elbert A., jr., Swarthmore, assignor to W. C. Biddle, Lansdowne, Pa. Cushion wheel. 1,939,664; Dec. 19.
- Corbin, Joseph E. (See Aiken, C. B., and Corbin.)
- Corbin, Joseph E., Jackson Heights, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Amplifier. 1,927,082; Sept. 19.
- Corbishley, Charles H., Glen Rock, N. J., assignor to New York French Range Company, New York, N. Y. Range plate. Des. 89,875; May 16.
- Corbishley, Charles H., Glen Rock, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Pulverizing apparatus and the like. 1,899,015; Feb. 28.
- Corbitt, Howard E., assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for producing rectified high voltage electric current. 1,905,629; Apr. 25.
- Corcoran-Brown Lamp Company, The. (See Hyatt, Samuel W., assignor.)
- Corcoran-Brown Lamp Company, The. (See Rohour, Chris W., assignor.)
- Corcoran, Lewis L., Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Automatic control device. 1,894,367; Jan. 17.
- Corcoran, Lewis L., Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Switch mechanism. 1,924,639; Aug. 29.
- Corcoran, Mott X., Valparaiso, Ind. Wall structure. 1,938,215; Dec. 5.
- Cordell, John U., Renton, Wash. Trolling lure. 1,924,350; Aug. 29.
- Cordes, Arthur D., Chicago, Ill. Sound amplifying and conducting mechanism. 1,923,066; Aug. 22.
- Cordes, Edward C., assignor to The Hyde Park Lumber Company, Cincinnati, Ohio. Display rack. 1,918,634; July 18.
- Cordley & Hayes. (See Cole, Raymond W., assignor.)
- Cordova, James, Youngstown, Ohio. Hair clipper. 1,906,901; May 2.
- Cordrey, Almon J., Detroit, Mich., assignor to Zero Ice Corporation. Pressure vessel for solid carbon dioxide. 1,903,167; Mar. 28.
- Cordrey, Almon J., Detroit, Mich., assignor to Zero Ice Corporation. Pressure vessel for solid carbon dioxide. 1,903,168; Mar. 28.
- Cordrey, Almon J., Detroit, Mich., assignor to Zero Ice Corporation. Insulated container for solid carbon dioxide. 1,903,169; Mar. 28.
- Cordrey, Almon J., Detroit, Mich., assignor to Zero Ice Corporation. Solid-CO₂ refrigerating system. 1,903,170; Mar. 28.
- Cordrey, Almon J., Detroit, Mich., assignor to Zero Ice Corporation. Solid CO₂ receptacle. 1,903,171; Mar. 28.
- Cords, Otto, assignor to Felton & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Coil piece for deep sea signaling cables. 1,894,852; Jan. 17.
- Cords, William, San Diego, Calif. Method and apparatus for making packing rings. 1,919,584; July 25.
- Cordt, Hugo, Leipzig, Germany. Calculating machine. 1,910,201; May 23.
- Corduan, Gustave F., assignor to Corduan Manufacturing Company, Chicago, Ill. Table leg lock. 1,912,126; May 30.
- Corduan, Gustave F., assignor to Corduan Manufacturing Company, Chicago, Ill. Table. 1,923,067; Aug. 22.
- Corduan Manufacturing Company. (See Corduan, Gustave F., assignor.)
- Cordy, Ivor, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 89,630; Apr. 18.
- Cordy, Ivor, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Jar. Des. 90,176; June 20.
- Core, Aaron F., Pierre, S. Dak. Window set. 1,914,242; June 13.
- Corega Chemical Company. (See Wilson, Odell, assignor.)
- Corell, Martin. (See Kränzlein, G., Corell, and Diefenbach.)
- Corell, Martin. (See Kränzlein, G., Corell, and Dohle.)
- Corell, Martin. (See Kränzlein, G., Greune, Corell and Vollmann.)
- Corell, Martin, et al. (See Kraenzlein, G., Vollman, and Corell.)
- Corey, Arthur G., McKeesport, Pa. Traction and anti-skid chain. 1,929,238; Oct. 3.
- Corey, Dana D., Seattle, Wash. Differential balancing means. 1,916,715; July 4.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Force feed lubricator. 1,897,791; Feb. 14.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Terminal check valve. 1,914,325; June 13.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Flange oiler. 1,916,826; July 4.
- Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Flange wheel lubricator. 1,934,407; Nov. 7.
- Corey, Flournoy, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Direction-indicating beacon. 1,905,267; Apr. 25.
- Corey, Flournoy, Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company. Altimeter. 1,932,066; Oct. 24.
- Corey, Flournoy, and H. H. Thompson, Wilksburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Direction-indicating beacon. 1,932,065; Oct. 24.
- Corey, Fred W., Tilton, N. H., assignor to The Torrington Company, Torrington, Conn. Making knitting machine latch needles. Re18,963; Oct. 3.
- Corhart Refractories Company. (See Schroeder, Frederic W., assignor.)
- Corke, Ruiof D., Yonkers and Frederik Hansen, White Plains, N. Y. Combination holder and cover for bottles. 1,902,354; Mar. 21.
- Corkill, Frederick W., Los Angeles, Calif., assignor to Pacific Coast Borax Company. Rotary kiln. 1,898,480; Feb. 21.
- Corkran, Ceylon C., San Francisco, Calif. Fluid injecting device. 1,901,085; Mar. 14.
- Corlett, Edwin H., assignor to Fairchild Aerial Surveys, Inc., New York, N. Y. Measuring and computing instrument. 1,900,757; Mar. 7.
- Corlett, Martin L., Bay Village, Ohio. Storage reel. 1,926,836; Sept. 12.
- Corlett, Webster D., Chicago, Ill., assignor to Standard Screw Company, Hartford, Conn. Method of and apparatus for making blanks. 1,911,180; May 30.
- Corlette, Dean H., Chicago, Ill., assignor to The Wood Conversion Company, Cloquet, Minn. Insulation construction. 1,911,605; May 30.
- Cormier, Oliver, Penacook, N. H. Boat. 1,916,093; June 27.
- Corn Products Refining Company. (See Sherman, Robert F., assignor.)
- Cornelius, Benjamin J., assignor to A. D. Galeener, Los Angeles, Calif. Window screen. 1,939,955; Dec. 19.
- Cornelius, Carroll O. (See Heffner, Alfred E., assignor.)
- Cornelius, F. William. (See Walker, Glen J., assignor.)
- Cornelius, Oscar H. (See Goldhagen, H., and Cornelius.)
- Cornelius, Richard T., Minneapolis, Minn. Oil burner. Des. 89,841; May 9.
- Corneliussen, Elias S. (See Alsaker, A., and Corneliussen.)
- Corneliussen, Elias S., (called Cornell.) (See Alsaker, A., and Corneliussen, (called Cornell).)
- Cornell, Arthur W., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Photolithographic plate. 1,912,693; June 6.
- Cornell Bag Corporation. (See Currier, Arthur L., assignor.)
- Cornell Contracting Corporation. (See Kent, Samuel, assignor.)
- Cornell, Edward S., jr., Watertown, Conn. Receptacle for lip sticks. 1,899,748; Feb. 28.
- Cornell, Edward S., jr., Watertown, Conn. Closure cap for receptacles and the like. 1,911,181; May 30.
- Cornell, Edward S., jr., assignor to The Chase Companies, Inc., Waterbury, Conn. Combined check-valve and strainer. 1,897,572; Feb. 14.
- Cornell, Edward S., jr., Watertown, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Branch-fitting for pipes. 1,908,821; May 16.
- Cornell, Edward S., jr., Watertown, Conn., assignor to American Radiator Company, New York, N. Y. Suction-driven prime mover. 1,926,527; Sept. 12.
- Cornell, Edward S., jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Air motor. 1,926,528; Sept. 12.
- Cornell, Edward S., jr., Watertown, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Traffic-marking strip. 1,928,447; Sept. 26.
- Cornell, Edward S., jr., Watertown, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Branch fitting for water tubes and making same. 1,933,710; Nov. 7.
- Cornell, Edward S., jr., Watertown, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Branch fitting for water tubes and the like. 1,933,711; Nov. 7.
- Cornell Electric Manufacturing Co. Inc. (See Blake, O., and Beyer, assignors.)
- Cornell, Fritz G., jr., Mountain Lakes, assignor to Jensen Creamery Machinery Company, Inc., Bloomfield, N. J. Liquid heater and cooler. 1,897,607; Feb. 14.
- Cornell, Fritz G., jr., Mountain Lakes, assignor to Jensen Creamery Machinery Co., Bloomfield, N. J. Surface cooler. 1,912,432; June 6.
- Cornell Iron Works, Inc. (See Cornell, Milton L., assignor.)
- Cornell, John A. (See McCune, George W., assignor.)
- Cornell, Mead, assignor to The Merrill Company, San Francisco, Calif. Metering apparatus. 1,938,621; Dec. 12.
- Cornell, Milton L., assignor to Cornell Iron Works, Inc., New York, N. Y. Door construction. 1,919,635; July 25.
- Cornell, Nathaniel A. (See Leggett, G. R., Lusher, and Cornell.)
- Cornell, Noyce L. (See McChesney, C. S., Reid, and Cornell.)
- Cornell Securities Corporation. (See Cornell, Vernon E., assignor.)

- Cornell Securities Corporation. (See Vick, Alvin C., assignor.)
- Cornell, Ulysses G., Lincoln, Nebr. Film record. 1,894,021; Jan. 10.
- Cornell-Unity, Inc. (See Kaminski, Ludwik, assignor.)
- Cornell University. (See Sharp, Paul F., assignor.)
- Cornell, Vernon E., assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 1,912,179; May 30.
- Cornell, Vernon E., assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 1,912,180; May 30.
- Cornier, George H. C., assignor to Hookless Fastener Company, Birmingham, England. Making slide fasteners. 1,920,138; July 25.
- Cornet, Manuel G., Madrid, Spain. System for preventing the derailment of screw-driven vehicles. 1,900,914; Mar. 14.
- Cornic, Emil, Paris, France. Umbrella. 1,902,395; Mar. 21.
- Cornillac, André. (See Coupeau, M., and Delaville, assignors.)
- Corning Glass Works. (See Bates, Harry C., assignor.)
- Corning Glass Works. (See De Silva, Joseph A., assignor.)
- Corning Glass Works. (See Locke, Fred M. and F. J., assignors.)
- Corning Glass Works. (See Martin, Harold K., assignor.)
- Corning Glass Works. (See Rising, Walter H., assignor.)
- Corning Glass Works. (See Said, William H., assignor.)
- Corning Glass Works. (See Smith, Rowland D., assignor.)
- Corning Glass Works. (See Strait, Donald W., assignor.)
- Corning Glass Works. (See Taylor, William C., assignor.)
- Corning Glass Works. (See Teague, Walter D., assignor.)
- Corning Glass Works. (See Woods, William J., assignor.)
- Cornish, Vernon R. (See Forbregd, G. T., and Cornish.)
- Cornish, William V., Calumet, Mich. Friction roller for cable guides. 1,907,345; May 2.
- Cornu, Maurice, Marcinelle, assignor to Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium. Turbo-alternator. 1,913,264; June 6.
- Cornwell, Arthur L., Wellsville, N. Y. Wheel puller. 1,895,448; Jan. 31.
- Cornwell, Charles O., Los Angeles, Calif. Refrigerator car. 1,929,676; Oct. 10.
- Cornwell, Lionel B. (See Woolf, W. L., and Cornwell.)
- Corombos, George T., Iron Mountain, Mich. Glove. 1,923,298; Aug. 22.
- Coronet Phosphate Company. (See Gooch, S. D., and Kerschbaum, assignors.)
- Corporon, George J., Hooksett, N. H. Table leg brace. 1,902,690; Mar. 21.
- Corporon, George J., Hooksett, N. H. Locking brace for folding table legs. 1,933,164; Oct. 31.
- Corrall, Herbert, Helensburgh, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread tensioning device for sewing machines. 1,907,042; May 2.
- Corrall, Herbert, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 1,936,381; Nov. 21.
- Correll, Landorff M., Youngstown, Ohio. Induction electric pipe welding. 1,937,945; Dec. 5.
- Correll, Martin. (See Kräzlein, G., Corell, Vollmann, and Hausdörfer.)
- Corrigan, Joseph, Boston, Mass. Machine for loading bags and the like. 1,931,130; Oct. 17.
- Corriveau, Aloysius W., West Springfield, Mass. Adjustable spring and axle wedge. 1,901,287; Mar. 14.
- Corry-Brie Manufacturing Company. (See Jewell, William S., assignor.)
- Corsello, Philip, Pittsburgh, Pa. Chewing gum wrapper. 1,928,007; Sept. 26.
- Corset, Lucien A. M., Paris, France. Transmission device. 1,939,766; Dec. 19.
- Corson, George E. (See Pattillo, D. K., Corson, and Thompson.)
- Corson, Harry P., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making nickel sulphate. 1,936,829; Nov. 28.
- Corson, Harry P., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making cadmium sulphate. 1,936,830; Nov. 28.
- Corson, Michael G., Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Alloy. 1,893,984; Jan. 10.
- Corson, Michael G., Jackson Heights, N. Y., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Constant resistivity alloy. 1,896,193; Feb. 7.
- Corson, Ralph, Ashland, N. J. Indicating device. 1,893,198; Jan. 3.
- Cortese, Alejandro. (See Schmidt, Rodolfo B. and C. R., Cortese, and de Frenkel.)
- Corthell, Robert N., Auburn, Maine. Thread cop. 1,938,134; Dec. 5.
- Corticelli Silk Company, The. (See Esselen, Gustavus J., assignor.)
- Cortigiano, Louis M., Waterbury, assignor of one-half to P. D. Hippolitus, Bridgeport, Conn. Automatic jack. 1,894,086; Jan. 10.
- Corts, Gottfried F. A., Gottenborg, Sweden. Flanged wheel for railway vehicles. 1,909,572; May 16.
- Corvin, Mark P., assignor of one-half to R. M. Corvin, Bluefield, W. Va. Tool for repairing the valve seats of faucets and the like. 1,939,767; Dec. 19.
- Corvin, Rush M. (See Corvin, Mark P., assignor.)
- Corwin, Frank R., and L. W. Booton, Forest Hills, assignors to Nichols Copper Company, New York, N. Y. Separating metals. 1,940,448; Dec. 19.
- Cory, Chas., Corporation. (See Jones, Joseph S., assignor.)
- Cory, Chas., Corporation. (See Shoradt, Frederick W. B., assignor.)
- Cory, Russell G., Montclair, and W. M. Cory, Mahwah, N. J. Industrial elevator arrangement. 1,903,092; Mar. 28.
- Cory, Russell G., Montclair, and W. M. Cory, Mahwah, assignors to R. G. & W. M. Cory, Inc., Montclair, N. J. Building structure. 1,930,418; Oct. 10.
- Cory, Walter M. (See Cory, Russell G. and W. M.)
- Coryell, Charles. (See Komarek, G., MacPhail, and Coryell.)
- Coryell, Charles N., Mamaroneck, N. Y. Vanity case. 1,910,522; May 23.
- Coryell, William C., assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Rolling mill. 1,892,933; Jan. 3.
- Coryell, William C., assignor to Republic Steel Corporation, Youngstown, Ohio. Tension control for rolling mills. 1,892,934; Jan. 3.
- Coryell, William C., Youngstown, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Slitter for metal lath. 1,927,542; Sept. 19.
- Coryell, William C., Youngstown, Ohio, assignor, by mesne assignments, to United Engineering and Foundry Company, Pittsburgh, Pa. Metal working. 1,940,939; Dec. 26.
- Cosby, William B., Kansas City, Mo. Engine. 1,911,991; May 30.
- Cosby-Wirth Manifold Book Company. (See Borchardt, Edward C., assignor.)
- Coseboom, Claude W., assignor of one-half to K. White, Los Angeles, Calif. Yielding support for automobile engines. 1,914,079; June 13.
- Cosgrove, Caroline E., administratrix. (See Cosgrove, John W.)
- Cosgrove, Claude. (See Halkyard, C. C. and Cosgrove.)
- Cosgrove, Claude, Middle Park, Melbourne, Victoria, assignor to Hume Steel Limited, Melbourne, Australia. Manufacture of wire mesh and the like for concrete reinforcement and other purposes. 1,915,184; June 20.
- Cosgrove, John W., deceased; C. E. Cosgrove, administratrix, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 1,893,161; Jan. 3.
- Cosgrove, John W., deceased, by C. E. Cosgrove, Medford, Mass., administratrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Support. 1,911,437; May 30.
- Cosgrove, John W., deceased, by C. E. Cosgrove, administratrix, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 1,927,024; Sept. 19.
- Cosgrove, John W., deceased, by C. E. Cosgrove, Medford, Mass., administratrix, assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 1,931,528; Oct. 24.
- Cosmic Arts, Inc. (See Lambert, Arthur, assignor.)
- Cosmopolitan Chemical Co. Inc. (See Schlissel, Morris, assignor.)
- Cosner, Calvin C., Dayton, Ohio. Combined container and Christmas tree holder. 1,931,376; Oct. 17.
- Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Light-weight ceramic talc and making same. 1,925,985; Sept. 5.
- Cossalter, Frank M., Goldbar, Wash. Vehicle bumper. 1,901,227; Mar. 14.
- Cosseboom, Kenneth S., Bangor, Me., assignor to Line Material Company, South Milwaukee, Wis. Transformer hanger. 1,896,740; Feb. 7.
- Cossor, Samuel N. J., Albury, New South Wales, Australia. Tongs. 1,938,485; Dec. 5.
- Cost, William A. (See Wallace, F. D., Cost, and Hartley.)
- Costa, Anthony P., assignor to H. J. Mehre, Athens, Ga. Tackling machine. 1,909,461; May 16.
- Costanzo, Sebastiano, et al. (See Ramondetta, Gaetano, assignor.)
- Costello, Bernard M. (See Taylor, B. S., and Costello.)
- Costello, Joseph P., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Stop motion for looms. 1,902,302; Mar. 21.
- Costello, William F., assignor to The New Britain Machine Company, New Britain, Conn. Wrench set. 1,900,915; Mar. 14.
- Costigan, Laurence A., Philadelphia, Pa. Type binding means. 1,932,336; Oct. 24.
- Costigan, Wesley S., Hillsdale, assignor to Reynolds Spring Company, Jackson, Mich. Spring structure. Re18,860; June 6.
- Cotal, Jean, assignor to Societe d'Exploitation des Brevets Cotal, Paris, France. Clutching and speed-changing device. 1,933,208; Oct. 31.
- Cotchett, Louis M., Brookline, assignor to Textile Patent & Process Co. Incorporated, Boston, Mass. Drafting textile fibers. 1,905,268; Apr. 28.

- Cotchett, Louis M., Brookline, assignor to Textile Patent & Process Co. Incorporated, Boston, Mass. Winding machine. 1,926,710; Sept. 12.
- Coté, Palmira L. (See Coté, Theodore, assignor.)
- Cote, Raymond L., assignor to The Union Lithograph Co., Inc., Los Angeles, Calif. Safety paper. Des. 91,187; Dec. 19.
- Cote, Raymond L., assignor to The Union Lithograph Co., Inc., Los Angeles, Calif. Safety paper. Des. 91,188; Dec. 19.
- Coté, Theodore, Ogdensburg, N. Y., assignor to Palmira L. Coté, Hartford, Conn. Lock. 1,914,080; June 13.
- Cotesworth, Alfred, Kenmore, and E. E. Robins, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hook block for hoists. 1,898,524; Feb. 21.
- Cotnareanu, Ionel, Paris, France. Time switch. 1,929,138; Oct. 3.
- Cottrumpas, Stephanos, Brooklyn, assignor, by mesne assignments, to C. H. Sullivan, Northport, N. Y. Aircraft. 1,901,734; Mar. 14.
- Cott-A-Lap Company, The. (See Pesci, Thomas, assignor.)
- Cott-A-Lap Company, The. (See Prifold, George, assignor.)
- Cotta Transmission Corporation. (See Nelson, Floyd R., assignor.)
- Cotter, George I. (See Callahan, Oscar L., assignor.)
- Cotter, George L., Pittsburgh, assignor to the Westinghouse Air Brake Company, Wilmerding, Pa. Safety car control equipment. 1,927,974; Sept. 26.
- Cotter, William F., assignor to United American Bosch Corporation, Springfield, Mass. Radioreceiver. 1,908,119; May 9.
- Cotterill, Walter, Waterbury, Conn. Manufacture of malleable iron. 1,938,516; Dec. 5.
- Cotterman, Frederick W., assignor of one-half to V. G. Apple, deceased, Dayton, Ohio; H. F. and E. M. Apple, and Gourley Darroch, executors. Automatic freewheeling transmission mechanism. 1,917,501; July 11.
- Cotton, De Nera A., assignor to Delco-Remy Corporation, Anderson, Ind. Diamond setting and making the same. 1,926,330; Sept. 12.
- Cotton Harvester Corporation of America. (See Berry, Hiram N., assignor.)
- Cotton Harvester Corporation of America. (See Wirth, Louis E., assignor.)
- Cotton, William J., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Preparing Stebbins acid. 1,913,748; June 13.
- Cotton, William J., Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Making resorcinol. 1,915,925; June 27.
- Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
- Cottrell, C. B., & Sons Company. (See Cottrell, Calvert B., 3d., assignor.)
- Cottrell, C. B., & Sons Company. (See Greenway, Richard J., assignor.)
- Cottrell, Calvert B., 3d., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 1,904,855; Apr. 18.
- Cottrell, Calvert B., 3d., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and cylinder printing press. 1,904,856; Apr. 18.
- Cottrell, Calvert B., 3d., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet cutter and creaser. 1,907,244; May 2.
- Cottrell, Calvert B., 3d., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Bed and signal printing press. 1,907,245; May 2.
- Cottrell, Calvert B., 3d., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet registering device. 1,941,248; Dec. 26.
- Cottrell, Frederick G., Washington, D. C. Method and apparatus for producing ions. 1,914,883; June 20.
- Cottrell, Frederick G., Washington, D. C., assignor to General Salt Company, Los Angeles, Calif. Separating difficultly soluble constituents from dilute solutions. 1,921,563; Aug. 8.
- Cottrell, Frederick G., Washington, D. C., assignor to General Salt Company, Los Angeles, Calif. Recovery of iodine and/or bromine from solutions containing same. 1,921,564; Aug. 8.
- Cottrell, Roy H., Ogden, Utah. Centrifugal thickener. 1,900,394; Mar. 7.
- CO, Appliance Company. (See Lundy, Thomas F., assignor.)
- CO-2 Appliance Company. (See Mohler, Loring L., assignor.)
- Coty, Inc. (See Botham, Arthur R., assignor.)
- Coty, Inc. (See Tourtois, Fernand R., assignor.)
- Coty, Thomas E., Watertown, N. Y. Bag and forming the same. 1,903,286; Apr. 4.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company, New York, N. Y. Dividing petroleum bottoms. 1,905,156; Apr. 25.
- Coubrough, George B., Long Beach, Calif., assignor, by mesne assignments, to The Lummus Company. Dividing heavy oil mixtures. 1,911,992; May 30.
- Coubrough, George B., Long Beach, Calif., assignor to The Lummus Company. Disilling heavy oils. 1,911,993; May 30.
- Coubrough, Henry, Seattle, Wash. Resilient vehicle suspension. 1,918,452; July 18.
- Couch, Elsie C., guardian. (See McMinn, C. R., Robinson, and Holliday.)
- Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Fabric spreader and feeder for ironing machines. 1,925,582; Sept. 5.
- Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Lot or bundle asserter for ironing machines. 1,928,348; Sept. 26.
- Couch, Forrest J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry lot marker. 1,928,349; Sept. 26.
- Couch, Frank Le G. (See Case, T. W., and Couch.)
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Coupler on pilot beams. 1,921,382; Aug. 8.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,922,016; Aug. 8.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Striking casting. 1,932,813; Oct. 31.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,932,814; Oct. 31.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,934,041; Nov. 7.
- Couch, Glenn F., Rochester, assignor to The Symington Company, New York, N. Y. Journal box. 1,940,623; Dec. 19.
- Couch, Harold D. (See Cockrill, L. M., and Couch.)
- Couch, Henry R., assignor to Eastman Kodak Company, Rochester, N. Y. Tinted sound and picture film and making same. 1,897,838; Feb. 14.
- Couch, Roydon O., Grant, Fla. Low-head rotary pump. 1,893,614; Jan. 10.
- Couch, Roydon O., Grant, and L. B. Eschbach, Melbourne, Fla. Antiskid device for automobiles. 1,923,190; Aug. 22.
- Couch, S. H., Company. (See Burke, J. J., and Morrison, assignors.)
- Couch, S. H., Company, Inc. (See Smiley, Gilbert, assignor.)
- Coughenour, John E., et al. (See Dudick, Victor, assignor.)
- Coughlin, Francis G., assignor of one-half to Joseph W. Packer, Philadelphia, Pa. Sand toy. 1,935,543; Nov. 14.
- Coughly, O. J., et al. (See Jacobi, Arthur W., assignor.)
- Coulapides, Anthony, Brooklyn, N. Y. Cigarette container. 1,906,742; May 2.
- Coulbeaux, Charles G., Levallois-Perret, France. Packing case. 1,924,709; Aug. 29.
- Coulson, Donald C., Chicago, Ill., assignor, by mesne assignments, to Oliver United Filters, Inc., San Francisco, Calif. Apparatus and process for making cement. 1,916,417; July 4.
- Coulson, Harry G., Wallace, Idaho. Liquid feeder. 1,921,347; Aug. 8.
- Coulston, Earl V., Cleveland, Ohio. Accessory for cooking vessels. 1,922,419; Aug. 15.
- Coulston, Earl V., Cleveland, Ohio. Attachment for stoves. 1,922,420; Aug. 15.
- Coults, Wilbur J. (See Paradise, L. A., and Coults.)
- Coults, Wilbur J., and N. D. Colvin, assignors to Deere & Company, Moline, Ill. Corn harvester. 1,916,156; June 27.
- Coults, W. J. (See Paradise, L. A., and Coults.)
- Coults, Wilbur J., assignor to Deere & Company, Moline, Ill. Harvester. 1,935,766; Nov. 21.
- Coults, Wilbur J., assignor to Deere & Company, Moline, Ill. Corn picker. 1,938,954; Dec. 12.
- Coults, Wilbur J., A. W. Swenson, Moline, Ill., and Ricardo Lopez, Montevideo, Uruguay, assignors to Deere & Company, Moline, Ill. Corn harvester. 1,936,661; Nov. 28.
- Coulter, Guy H. (See Arbuckle, S. F., and Coulter.)
- Coulter, Howard S. (See Pierson, L. B., Dawson, and Coulter.)
- Coulter, John H. (See Smith, D. R. C., and Coulter.)
- Coumbopoulos, Stavros, Paris, France. Sound amplifying horn. 1,920,631; Aug. 1.
- Counce, Harlan R., New Rochelle, assignor to Socony-Vacuum Corporation, New York, N. Y. Crank case pit. 1,896,610; Feb. 7.
- Council, Owen, J. W. Beaty, and R. O. Baker, Mission, Tex. Border and panel connecting machine. 1,893,131; Jan. 3.
- Counihan, Frank J., Indiana, Pa. Cable reel. 1,920,843; Aug. 1.
- Countryman, Guy A., Ashland, Ohio. Tool for use in repair work on automobiles. 1,912,475; June 6.
- Countryman, Guy A., Ashland, Ohio. Tool for straightening bent beams. 1,912,828; June 6.
- Couppard, Christian, Paris, France. Dust separator. 1,899,794; Feb. 28.
- Coupeau, Marc, Paris, and M. Delaville St-Maurice, assignors of one-third to A. Cornillac, Paris, France. Apparatus for the removal of alcohol from wine, cider, beer, and other alcoholic products. 1,900,694; Mar. 7.
- Coupeau, Marc G., Paris, and M. Delaville, St-Maurice, assignors of one third to A. Cornillac, Paris, France. Removal of alcohol from wine, cider, beer, and other alcoholic products. 1,908,407; May 9.
- Coupland, Richard C. (See Woody, G. A., and Coupland.)

- Coupland, Richard C., U. S. Army, Norfolk, Va. Shoulder stock for machine guns. 1,909,171; May 16.
- Coupland, Richard C., Norfolk, Va. Automatically deflected gun sight. 1,935,615; Nov. 21.
- Coupleux, Edouard E., Tourcoing, and J. A. M. V. de P. Givelet, Paris, France. Electric organ. 1,905,996; Apr. 25.
- Coupleux, Edouard E., and J. A. Givelet, Lille, France. Electric organ operating by means of electrode valves. 1,911,309; May 30.
- Cour d'Alene Hardware & Foundry Company. (See Haugen, Edward, assignor.)
- Coursey, Fred, Paris, Tex. Circuit maker and breaker. 1,915,406; June 27.
- Coursey, Philip R., Richmond, England, assignor to Radio Patents Corporation, New York, N. Y. Selective circuit. 1,923,354; Aug. 22.
- Court, Benjamin F., Long Beach, Calif. Oil clarifier. 1,893,581; Jan. 10.
- Court, Benjamin F., Long Beach, Calif. Oil rectifier for engines. 1,914,195; June 13.
- Court, Frank T. (See White, C. H., and Court.)
- Court, Frank T., Moline, Ill., assignor to Court Tractor Equipment Company, Independence, Iowa. Tractor-driven cultivator. 1,893,069; Jan. 3.
- Court, Frank T., Moline, Ill., assignor to Court Tractor Equipment Company, Independence, Iowa. Control mechanism for tractor driven implements. 1,929,773; Oct. 10.
- Court, Frank T., Moline, Ill., and E. McCormick, Waterloo, Iowa, assignors to Deere & Company, Moline, Ill. Cultivating implement. 1,915,355; June 27.
- Court, Frank T., assignor to Deere & Company, Moline, Ill. Rod weeder. 1,938,953; Dec. 12.
- Court Tractor Equipment Company. (See Court, Frank T., assignor.)
- Courtaulds Limited. (See Hegan, Horace J., assignor.)
- Courtaulds Limited. (See Hegan, H. J., and Hazeley, assignors.)
- Courtaulds Limited. (See Hegan, H. J., and Taylor, assignors.)
- Courteille, Paul, Vincennes, France. Tight holding nut. 1,912,888; June 6.
- Courthope, Thomas F., Geneseo, assignor to Retsof Mining Company, Retsof, N. Y. Salt dissolving apparatus. 1,928,008; Sept. 26.
- Courtner, W. H., et al. (See Tedford, Julian P., assignor.)
- Courtney, Francis T., Great Neck, N. Y. Spinner for aircraft propellers. 1,927,921; Sept. 26.
- Courtney, Thomas J., Orange, N. J. Stoker grate. 1,897,112; Feb. 14.
- Courtright, Harry F., assignor to The Cleveland Steel Barrel Company, Cleveland, Ohio. Container. 1,910,426; May 23.
- Couse, Kibbey W. (See Christie H. E., and Couse.)
- Couse, Kibbey W., Taos, N. Mex. Producing metallic dies. 1,912,889; June 6.
- Couser, Isaac, Dover, N. H., assignor to Draper Corporation, Hopedale, Mass. Filling detector for looms. 1,932,133; Oct. 24.
- Cousin, Karl. (See Morsbach, K., and Cousin.)
- Cousin, Paul A. J., Loos les Lille, assignor to Etablissements Ernest Arnoult, Société Anonyme, Paris, France. Gas-producer fuel support. 1,938,517; Dec. 5.
- Cousin, Paul A. J., Loos les Lille, assignor to Etablissements Ernest Arnoult, Société Anonyme, Paris, France. Gas producer fuel support. 1,938,518; Dec. 5.
- Cousins, Van M., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube amplifier circuit. 1,904,272; Apr. 18.
- Cousins, Van M., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 1,924,836; Aug. 29.
- Coutant, George E., Decatur, Ill. Buffer stem antirattler means. 1,934,761; Nov. 14.
- Coutant, Jay G., New York, N. Y. Steam generating system. 1,940,663; Dec. 26.
- Coutant, Jay G., New York, N. Y., assignor, by mesne assignments, to E. J. Franklin, Salt Lake City, Utah. Steam generator. 1,918,453; July 18.
- Coutant, Jay G., assignor to Furnace Engineering Company, Inc., New York, N. Y. Furnace. 1,919,203; July 25.
- Coutu, Alfred J., Detroit, Mich. Angular ball swivel union. 1,914,736; June 20.
- Coutu, Alfred J., Detroit, Mich. Fire lighter. 1,936,499; Nov. 21.
- Couture, Allan B. (See Ball, F. O., Couture, and Cousino.)
- Couture, John R., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber coated fabric. 1,936,500; Nov. 21.
- Couwenhoven, Abraham. (See Boveri, T., and Couwenhoven.)
- Couwenhoven, Abraham, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Motor control system. 1,905,808; Apr. 25.
- Covacevich, George A. (See Beebe, Stanley J., assignor.)
- Coventry, William A., Lancaster, assignor to Grey Iron Casting Company, Mount Joy, Pa. Toy. 1,935,353; Nov. 14.
- Cover, Harvey S., South Bend, Ind. Prism telescope. 1,897,608; Feb. 14.
- Covert, Martin B., assignor to Renu Parts Corporation, Holland, Mich. Treating piston rings. 1,893,274; Jan. 3.
- Covey, Clarence F., assignor to McAuley Automatic Trap Company, Pittsburgh, Pa. Steam trap. 1,902,219; Mar. 21.
- Covey, Earl W., Big Moose, N. Y. Making a nonskid tire for vehicle wheels. 1,896,574; Feb. 7.
- Covey, Earl W., Big Moose, N. Y. Tire. 1,930,585; Oct. 17.
- Covey, Howard M., et al. (See Mathers, Harry M., assignor.)
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Hanger for bacon. 1,913,832; June 13.
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Clamp bacon hanger. 1,915,293; June 27.
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Clamp comb hanger. 1,915,294; June 27.
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Bacon hanger. 1,916,464; July 4.
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Skin incisor. 1,928,718; Oct. 3.
- Covey, John E., assignor to Swift and Company, Chicago, Ill. Hanging bacon. 1,935,616; Nov. 21.
- Covone, Matthew, assignor of one-half to E. H. Silver, New Haven, Conn. Clock case. Des. 91,101; Nov. 28.
- Coveyow, Daniel L., Chicago, Ill. Internal combustion engine. 1,918,898; July 18.
- Cowan, Arthur S., Boston, Mass., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Filling replenishing mechanism for double shuttle looms. 1,906,544; May 2.
- Cowan, Clarence P., Montreal, Quebec, Canada, assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Siding shingles. 1,911,014; May 23.
- Cowan, Edward J., Dedham, Mass., assignor, by mesne assignments, to General Electric Company. Variable mica condenser. 1,895,242; Jan. 24.
- Cowan, Glen P. (See Kellogg, Herbert C., assignor.)
- Cowan, Grace A., executrix. (See Kellogg, Herbert C., assignor.)
- Cowan, Harry L., Los Angeles, Calif. Projecting machine. Des. 88,949; Jan. 10.
- Cowan, Lewis L. (See Tilton, Edwin W., assignor.)
- Cowan, Rich W., Comyn, Tex. Electric gauge. 1,927,337; Sept. 19.
- Cowan, Roycel J., assignor to Surface Combustion Corporation, Toledo, Ohio. Preventing oxidation of metals during heat treatment. 1,905,809; Apr. 25.
- Cowan, Roycel J., assignor to Surface Combustion Corporation, Toledo, Ohio. Continuous carburizing process. 1,932,032; Oct. 24.
- Cowan, Roycel J., and O. E. Cullen, assignors to Surface Combustion Corporation, Toledo, Ohio. Low-temperature bright-annealing. 1,905,810; Apr. 25.
- Cowan, Sidney M., Newark, N. J. Adjustable flush tank cover. 1,936,008; Nov. 21.
- Cowardin, Harry A. (See Cowardin, Samuel P. and H. A.)
- Cowardin, Samuel P. and H. A., Richmond, Va. Atomizer. 1,898,763; Feb. 21.
- Cowden, Harry L., Guthrie Center, Iowa. Voucher and check file guide and detachable tab. 1,927,513; Sept. 19.
- Cowen, Joshua L., New York, N. Y., and L. Caruso, Irvington, N. J., assignors to The Lionel Corporation, New York, N. Y. Electrical toy. 1,932,512; Oct. 31.
- Cowen, Robert, and A. D. Jordan, assignors to Appleton Rubber Company, Franklin, Mass. Surfacing material. 1,898,425; Feb. 21.
- Cowgill, Frank M. (See Symons, F. E., and Cowgill.)
- Cowie, Alexander, Salt Lake City, Utah, assignor of one-half to George R. Roberts, Redondo Beach, Calif. Amusement device. 1,898,868; Feb. 21.
- Cowie, Harry J., Niagara Falls, Canada, assignor to The Carborundum Company, Niagara Falls, N. Y. Stone cutting implement. 1,894,087; Jan. 10.
- Cowin, Stuart H., Pittsburgh, and L. J. Hibbard, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Motor control system. 1,922,724; Aug. 15.
- Cowles, C., and Company. (See Carmichael, W. A., and Hart, assignors.)
- Cowles, C., & Company. (See Kaimer, Richard V., assignor.)
- Cowles, Edwin, Short Hills, assignor to Cowles Engineering Corporation, Sewaren, N. J. Apparatus for treating fabrics with a liquid. 1,909,487; May 16.
- Cowles Engineering Corporation. (See Cowles, Edwin, assignor.)
- Cowles, George P., assignor to Waterbury Clock Company, Waterbury, Conn. Electrically-wound clock. 1,895,787; Jan. 31.
- Cowles, Glenn B., assignor to H. B. Smith Company, Westfield, Mass. Grate bar. 1,915,777; June 27.
- Cowles, Henry C., jr. (See Henderson, L. N., Ferris, and Cowles, Jr.)
- Cowles, Irving, Detroit, Mich., assignor to Union Bank of Chicago, Chicago, Ill. Lubricant discharge valve for force feed lubricating systems. 1,897,609; Feb. 14.
- Cowles, Irving, assignor to Union Bank of Chicago, trustee, Chicago, Ill. Force-feed lubrication pump. 1,921,219; Aug. 8.
- Cowles, Percival W., et al. (See Scharff, Joseph H., assignor.)

- Cowlin, Eugene D., Massillon, assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Nonentangling spring washer. 1,927,975; Sept. 26.
- Cowper-Coles, Sherard O., Sunbury-on-Thames, England. Protection of metallic surfaces from corrosion. 1,920,678; Aug. 1.
- Cowper-Coles, Sherard O., Sunbury-on-Thames, assignor to F. C. Metal Processes Limited, London, England. Apparatus for electrodeposition of metals. 1,910,150; May 23.
- Cowperthwait, Arthur D. (See Bennett, M. H., and Cowperthwait.)
- Cowperthwait, Arthur D., assignor to Scovill Manufacturing Company, Waterbury, Conn. Gang condenser. 1,907,097; May 2.
- Cox, Albert F., Warsaw, Ill. Igniter. 1,898,991; Feb. 21.
- Cox, Edwin, assignor to Phosphate Products Corporation, Richmond, Va. Retardation of rancidity in vegetable foodstuffs. 1,938,999; Dec. 12.
- Cox, Edwin R., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Recovery of gasoline from natural gas. 1,937,871; Dec. 5.
- Cox, Frederick J., Tufnell Park, London, England. Gas burner. 1,901,086; Mar. 14.
- Cox, George D., and C. J. Gutberlet, Philadelphia, Pa. Telephone instrument dial. 1,933,315; Oct. 31.
- Cox, Harold C., London, Ontario, Canada. Game. 1,925,918; Sept. 5.
- Cox, Henry L., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Corrosion inhibitor. 1,903,287; Apr. 4.
- Cox, Henry L., South Charleston, and P. S. Greer, Charleston, W. Va., assignors to Carbide & Carbon Chemicals Corporation. Preservation of ethyl ether. 1,903,642; Apr. 11.
- Cox, Irwin W. (See Rieck, Anthony A., assignor.)
- Cox, Jack, Jr., Belton, Tex. Gardening tool. 1,925,952; Sept. 5.
- Cox, Jerome R., Hartford, Conn., assignor to Bendix Aviation Corporation, South Bend, Ind. Method of and apparatus for controlling aircraft. 1,908,408; May 9.
- Cox, John L., Philadelphia, Pa. Steel alloy and making same. 1,939,390; Dec. 12.
- Cox, John L., and B. M. Fine, Philadelphia, Pa. Making windshields for projectiles. 1,908,120; May 9.
- Cox, John R., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Composite piston. 1,905,157; Apr. 25.
- Cox, Lester E., Springfield, Mo. Dispensing apparatus. 1,925,953; Sept. 5.
- Cox, Nostrand and Gunnison. (See Gallagher, Vincent J., assignor.)
- Cox, Samuel F. (See Cooling, L. F., and Cox.)
- Cox, Samuel F. (See Snow, N., and Cox.)
- Cox, Samuel F., Detroit, Mich., and J. H. Robertson, Lock No. 4, Pa., assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,896,575; Feb. 7.
- Cox, Thomas K., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating articles. 1,894,671; Jan. 17.
- Coxhead, Ralph C. (See Trego, Frank H., assignor.)
- Coxhead, Ralph C., New York, N. Y., and C. W. Norton, Bridgeport, Conn. Adding machine ribbon mechanism. 1,923,078; Aug. 22.
- Coxhead, Ralph C., Corporation. (See Fuchs, Charles A., assignor.)
- Coxhead, Ralph C., Corporation. (See Rita, John, assignor.)
- Coxhead, Ralph C., Corporation. (See Trego, Frank H., assignor.)
- Coxon, Fred M., Wilmette, Ill. Chair frame. 1,925,480; Sept. 5.
- Coxon, Thomas, Billingham on Tees, England, assignor to Atmospheric Nitrogen Corporation, Solvay, N. Y. Producing commercial ammonium carbonate. 1,909,757; May 16.
- Coyan, Charles W., Homestead, Pa. Nonskid driving apparatus for automobiles and the like. 1,926,140; Sept. 12.
- Coyle, Frank J., New York, N. Y. Holder for pretzels or the like. Des. 90,478; Aug. 15.
- Coyle, Harold B., San Francisco, Calif. Signaling system. 1,928,093; Sept. 26.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Machine for flanging can bodies. 1,912,258; May 30.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Can body for sanitary cans. 1,912,259; May 30.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Forming metal containers. 1,940,664; Dec. 26.
- Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Crate for can ends. 1,940,665; Dec. 26.
- Coyle, Joseph A., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Axminster loom. 1,912,890; June 6.
- Coyle, Joseph L., London, Ontario, Canada, assignor to Coyle Safety Carton Company, Chicago, Ill. Egg carton. 1,895,974; Jan. 31.
- Coyle, Joseph L., London, Ontario, Canada, assignor to L. Benoit, Chicago, Ill. Carton for eggs and the like. 1,923,774; Aug. 22.
- Coyle, Joseph L., London, Ontario, Canada, assignor to L. Benoit, Chicago, Ill. Filler for eggs and the like. 1,925,792; Sept. 5.
- Coyle, Paul L. (See Witherow, W. P., and Coyle.)
- Coyle, Paul L., Coraopolis, Pa., assignor to Republic Steel Corporation, Youngstown, Ohio. Straightening press. 1,911,108; May 23.
- Coyle, Paul L., Coraopolis, Pa., assignor to Republic Steel Corporation, Youngstown, Ohio. Reworking of die-rolled articles. 1,922,793; Aug. 15.
- Coyle Safety Carton Company. (See Coyle, Joseph L., assignor.)
- Coyne, André, Paris, France. Reenforced and anchored masonry structure. 1,896,810; Feb. 7.
- Coyner, James McK., Madison, Wis. Calf feeding halter. 1,935,144; Nov. 14.
- Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. Des. 89,610; Apr. 18.
- Crabbe, George N., Cresskill, N. J., and S. G. Margles, Brooklyn, assignors to Otis Elevator Company, New York, N. Y. Elevator control system. 1,911,015; May 23.
- Crabbe, Lindsay T., assignor to Phoenix Metal Cap Co., Inc., Chicago, Ill. Jar and closure therefor. 1,900,803; Mar. 7.
- Crabbs, Herbert J., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Disconnecting switch mechanism. 1,899,384; Feb. 28.
- Crabtree, George W., Cleveland Heights, Ohio. Vehicle spring clip. 1,893,229; Jan. 3.
- Crabtree, George W., Cleveland Heights, Ohio. Vehicle spring clip. 1,894,757; Jan. 17.
- Crabtree, George W., Cleveland Heights, Ohio. Cover for leaf springs. 1,917,753; July 11.
- Crabtree, George W., Cleveland Heights, Ohio. Flexible vehicle spring casing. 1,925,862; Sept. 5.
- Crabtree, Ivory H., Oakland, Calif. Automatic signal for motion picture projecting machines. 1,910,243; May 23.
- Crabtree, James, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Continuous film processing machine. 1,921,404; Aug. 8.
- Crabtree, John I., assignor to Eastman Kodak Company, Rochester, N. Y. Fade-in and fade-out for motion picture film sound record. 1,921,963; Aug. 8.
- Crabtree, John I., and C. E. Ives, assignors to Eastman Kodak Company, Rochester, N. Y. Motion picture and sound record film. 1,921,964; Aug. 8.
- Crabtree, John I., Rochester, N. Y., and J. F. Ross, Phillipsburg, N. J., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic developer for use at high temperatures. 1,933,789; Nov. 7.
- Cracker Jack Co. (See Fay, Joseph W., assignor.)
- Craft, Chauncey, and J. A. Mutch, Rochester, N. Y. Mail box. 1,915,980; June 27.
- Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Apparatus for corrugating sheets. 1,936,223; Nov. 21.
- Crafts, Curtis S., Oak Park, Ill., assignor to The Goss Printing Press Co., Chicago, Ill. Printing press. 1,898,034; Feb. 21.
- Crafts, Curtis S., Oak Park, Ill., assignor to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 1,905,687; Apr. 25.
- Crafts, Curtis S., Oak Park, Ill., assignor to Goss Printing Press Company. Web roll supporting mechanism. 1,908,121; May 9.
- Crafts, Curtis S., and C. A. Harless, Oak Park, Ill., assignors to The Goss Printing Press Company, Chicago, Ill. Folding mechanism. 1,895,124; Jan. 24.
- Craftsman Radiator Enclosure Company. (See Greenberg, Meyer, assignor.)
- Cragan, Joseph A. (See Dasenbrock, J., and Cragan.)
- Crago, Alan C., deceased, by Samuel D. Crago, administrator, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,912,932; June 6.
- Crago, Alan C., deceased, Pittsburgh, Pa.; Samuel D. Crago, Pittsburgh, Pa., administrator, assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,916,418; July 4.
- Crago, Arthur, and H. S. Martin, Mulberry, Fla., assignors to Phosphate Recovery Corporation, New York, N. Y. Mineral concentration. 1,912,433; June 6.
- Crago, Arthur, and H. S. Martin, Mulberry, Fla., assignors to Phosphate Recovery Corporation, New York, N. Y. Concentration of phosphate bearing material. 1,912,434; June 6.
- Crago, Claude H., Strathfield, near Sydney, New South Wales, Australia. Grinding mill. 1,911,606; May 30.
- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive latching mechanism. 1,902,490; Mar. 21.
- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Electric regulating system. 1,910,202; May 23.
- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Material handling system. 1,922,883; Aug. 15.

- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Door operating apparatus. 1,929,273; Oct. 3.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway car retarder. 1,905,218; Apr. 25.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric annunciator. 1,913,699; June 13.
- Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Voltage indicating apparatus. 1,918,834; July 18.
- Crago, Samuel D., administrator. (See Crago, Alan C.)
- Craig, Allan D., assignor, by mesne assignments, to Thomas Dalby, Inc., Watertown, Mass. Undergarment. 1,911,676; May 30.
- Craig, Carl F., assignor to Craig Easy-Clean Brush Company, Winter Haven, Fla. Brush. 1,928,929; Oct. 3.
- Craig Easy-Clean Brush Company. (See Craig, Carl F., assignor.)
- Craig, Edward, and W. O. Cooper, Brea, Calif. Drill pipe protector. 1,905,158; Apr. 25.
- Craig, Edward, and W. O. Cooper, Brea, Calif. Drill pipe protector. 1,926,582; Sept. 12.
- Craig, Frank E., assignor of one-fourth to J. W. Lovell, Astoria, Ore. Lifeboat hook. 1,900,227; Mar. 7.
- Craig, Hal, Hollywood, Calif. Radioreceiver. 1,924,485; Aug. 29.
- Craig, Harvey G., Webster Groves, assignor to S. G. Adams Company, St. Louis, Mo. Display receiver. 1,940,205; Dec. 19.
- Craig, John. (See Todd, J., and Craig.)
- Craig, John G., Stoughton, Wis. Tobacco lathe holder. 1,923,664; Aug. 22.
- Craig, Joseph J., Detroit, Mich. Display device. 1,912,513; June 6.
- Craig, Palmer H., Cincinnati, Ohio, assignor to Invox Corporation. Radio receiving system. 1,935,738; Nov. 21.
- Craig, Robert F. (See Hornbuckle, W. P., and Craig.)
- Craig, Robert W., Burbank, Calif., assignor to The National Supply Company, Toledo, Ohio. Drill stem for flush joint drilling apparatus. 1,919,931; July 25.
- Craig, Thomas J. I., assignor to Peter Spence & Sons, Manchester, England. Treatment of leucite and like minerals. 1,914,404; June 20.
- Craig, Thomas W., et al. (See Hatfield, Floyd H., assignor.)
- Craig, William D., Meadville, Pa., assignor to Hookless Fastener Company. Playing ball. 1,900,544; Mar. 7.
- Craig, William E. (See Morgan, A. J., and Craig.)
- Craig, William E., assignor to John A. Roebling's Sons Company, Trenton, N. J. Rope making machine. 1,907,744; May 9.
- Craig, William P., assignor of one-half to Cleveland Cloth Mill Company, Shelby, N. C. Timing device for loom stop mechanism. 1,902,837; Mar. 28.
- Craighead, Charles M. (See Keller, F., and Craighead.)
- Craigmyle, John S., Sparta, Ky. Travelling cultivator. 1,921,283; Aug. 8.
- Craig, John M., Hartford, Conn. Dental instrument. 1,910,592; May 23.
- Craig, John M., Hartford, Conn. Dental apparatus. 1,934,042; Nov. 7.
- Craik, William, Paaulo, Hawaii. Shaft coupling. 1,903,982; Apr. 18.
- Crain, Earl, West Frankfort, Ill. Gas pipe stop. 1,921,809; Aug. 8.
- Crain, Lester D., Los Angeles, and M. J. Hubbard, Inglewood, Calif.; said Hubbard assignor to said Crain. Insufflator. 1,934,793; Nov. 14.
- Cram, Herve G., assignor to Maine Seaboard Paper Company, Bucksport, Maine. Digestion of fibrous material. 1,918,181; July 11.
- Cram, Herve G., assignor to Maine Seaboard Paper Company, Bucksport, Maine. Evacuation of condensate. 1,919,416; July 25.
- Cram, Herve G., assignor to Maine Seaboard Paper Company, Bucksport, Maine. Wood meter. 1,939,590; Dec. 12.
- Cram, Ramon S., assignor to The Wyandott Vault Company, Upper Sandusky, Ohio. Burial vault. Des. 90,970; Nov. 7.
- Cramblett, Paul K., Milwaukee, Wis., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mercury switch. 1,937,746; Dec. 5.
- Cramer, Albert M., assignor to Horn and Hardart Baking Company, Philadelphia, Pa. Vending drum for coin controlled vending machines. 1,905,083; Apr. 25.
- Cramer, Frank B. (See Goodall, H. A. B., and Cramer.)
- Cramer, Ira E., Beaumont, Tex., assignor of one-third to Lucius C. Cramer, Connerville, Ind. Building material composition. 1,915,051; June 20.
- Cramer, Lucius C. (See Cramer, Ira E., assignor.)
- Cramer, Russell E. (See Cramer, Stanley S., and R. E.)
- Cramer, Stanley S., Haddon Heights, and R. E. Cramer, Audubon, N. J. Variable electrostatic condenser. 1,934,842; Nov. 14.
- Cramer, Thomas M., Long Beach, Calif., assignor to Pacific Coast Boxax Company. Extracting borax from ore. 1,940,118; Dec. 19.
- Cramer, Thomas M., Long Beach, and G. A. Connell, Wilmington, Calif., assignors to Pacific Coast Borax Company. Production of boric anhydride as boric acid from colemanite or the like. 1,927,013; Sept. 19.
- Cramer, Thomas M., Long Beach, and G. A. Connell, Wilmington, Calif., assignors to Pacific Coast Borax Company. Production of boric anhydride, as boric acid, from minerals containing both alkali and alkaline earth metals. 1,927,014; Sept. 19.
- Cramer, Walter, Charlottenburg, Germany, assignor to Locke Insulator Corporation, Baltimore, Md. Strain insulator. 1,894,292; Jan. 17.
- Cramer-Van Deventer, Anna P., Chesières, Switzerland. Preserving or protecting substances or objects. Re18,734; Feb. 14.
- Crammond, Earle D., Washington, D. C., and W. A. Hughes, Morristown, N. J., assignors to The Harvel Corporation. Filter material and producing the same. 1,921,309; Aug. 8.
- Crampton, Donald K., Marion, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Copper-base alloys. 1,938,172; Dec. 5.
- Crandall, Harry C. (See Brown, Harold, assignor.)
- Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line and Twine Manufacturing Company. Line carrying reel. 1,896,741; Feb. 7.
- Crandall, William H., Oakland, Calif. Halter. 1,939,107; Dec. 12.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Making wall board. 1,932,956; Oct. 31.
- Crane & Breed Casket Company, The. (See Davoran, Michael F., assignor.)
- Crane, Carl J., Randolph Field, Tex. Shock absorber for vehicles. 1,937,511; Dec. 5.
- Crane, Clyde C. (See Fisher, E. J. P., and Crane.)
- Crane Co. (See Carlson, Ralph G., assignor.)
- Crane Co. (See Flodin, Victor E., assignor.)
- Crane Co. (See Magos, John P., assignor.)
- Crane Co. (See Moe, Lawrence H., assignor.)
- Crane Co. (See Newman, T. P., and Marchand, assignors.)
- Crane Co. (See Olson, Charles A., assignor.)
- Crane Co. (See Olson, C. A., and Magos, assignors.)
- Crane Co. (See Zinkil, R. H., and Stine, assignors.)
- Crane, Edward J., assignor to Mountcastle Knitting Co., Inc., Lexington, N. C. Knitting machine. 1,928,557; Sept. 26.
- Crane, Edward V., Brooklyn, N. Y., assignor to Marquette Tool & Mfg. Company, Chicago, Ill. Metal working press. 1,910,523; May 23.
- Crane, Frank G., Montague, and E. J. Benton, Muskegon, Mich. Paper dispensing package. 1,910,094; May 23.
- Crane, Frank S., Topeka, Kans. Tire guard. Des. 90,802; Oct. 3.
- Crane, Herbert W., Oak Park, Ill. Motor operating switch. 1,916,360; July 4.
- Crane Honey Incorporated. (See Crane, Phillip E., assignor.)
- Crane, Hubert R., assignor of one-sixth to O. J. Buckley, one-sixth to E. H. McKeen, and one-sixth to H. N. Haynes, Los Angeles, Calif. Expanding mandrel. 1,918,522; July 18.
- Crane Packing Company. (See Cody, Martin M., assignor.)
- Crane Packing Company. (See Payne, F. E., Cody, and Howland, assignors.)
- Crane Packing Company, et al. (See Wilkinson, Francis C. W., assignor.)
- Crane Packing Limited, et al. (See Wilkinson, Francis C. W., assignor.)
- Crane, Phillip E., Middlebury, Vt., assignor to Crane Honey Incorporated, Washington, D. C. Food product. 1,911,882; May 30.
- Crane, Theodore D., Council Bluffs, Iowa. Parachute mounting for aeroplanes. 1,900,891; Mar. 7.
- Crane, Theodore D., Council Bluffs, Iowa. Scythe. 1,929,838; Oct. 10.
- Crane, William M., jr. (See Riley, John J., assignor.)
- Cranford, James F., St. Petersburg, Fla. Nozzle. 1,920,245; Aug. 1.
- Cranwill, Thomas J., Olathe, Kans. Silent alarm clock. 1,895,703; Jan. 31.
- Cranwill, Thomas J., Olathe, Kans. Silent alarm clock. 1,938,135; Dec. 5.
- Cranz, James M., Buffalo, N. Y. Sealing means for floating roofs for tanks. 1,893,162; Jan. 3.
- Crapo, George B., Lynbrook, N. Y. Indicating device. 1,921,965; Aug. 8.
- Crapo, John B., Wakefield, N. H. Hot water bottle attachment. 1,894,161; Jan. 10.
- Crar, Cecil R., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,915,407; June 27.
- Crater, Willard DeC., Succasunna, N. J., assignor to Hercules Powder Company, Wilmington, Del. Inulin nitrate and method of producing. 1,922,123; Aug. 15.
- Crause, William, Vauxhall, N. J. Electrician's tool. 1,924,837; Aug. 29.
- Craven, George. (See Hanson, H. H., and Craven.)
- Craven, Thomas C., Dumont, N. J. Closure for locomotive cab windows. 1,905,369; Apr. 25.
- Craver, Augustus E., Brooklyn, assignor to The Barrett Company, New York, N. Y. Production of aromatic aldehydes. 1,904,414; Apr. 18.

- Craver, Augustus E., Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Catalyst and preparing the same. 1,914,557; June 20.
- Craver, Augustus E., Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Catalyst and preparing the same. 1,914,558; June 20.
- Crawford, Allen I. (See Ronci, V. J., and Crawford.)
- Crawford, Cliff R., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 1,913,660; June 13.
- Crawford, Craven H., Scotia, N. Y., and S. C. Hoare, Manchester, Mass., assignors to General Electric Company. Electrical instrument. 1,918,019; July 11.
- Crawford, Earl M., assignor of one-fourth to E. W. Atwood, one-fourth to E. L. Pitmon and one-fourth to H. E. Pierce, Flint, Mich. Apparatus for producing gases by electrolysis. 1,913,429; June 13.
- Crawford, Frederick C. (See Hufferd, G. H., Crawford, and Graham.)
- Crawford, Frederick C., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Copper cooled valve. 1,896,072; Feb. 7.
- Crawford, Frederick C., and G. H. Hufferd, Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Making tie-rod ends. 1,917,502; July 11.
- Crawford, Frederick C., and G. H. Hufferd, Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Axle and making the same. 1,931,105; Oct. 17.
- Crawford, George M., Ingomar, and J. M. London, Butler, Pa. Conveyor. 1,922,198; Aug. 15.
- Crawford, George S., assignor, by mesne assignments, to Pettibone Mulliken Company, Chicago, Ill. Side bearing. 1,906,843; May 2.
- Crawford, Gertrude H., Milliken, Colo. Pastry confection. Des. 89,611; Apr. 18.
- Crawford, James M., assignor to General Motors Corporation, Detroit, Mich. Oil filter arrangement. 1,913,193; June 6.
- Crawford, Jesse O., Houston, Tex. Engine starting device. 1,893,070; Jan. 3.
- Crawford, John. (See Underwood, G. J., and Crawford.)
- Crawford, John F., assignor to J. I. Case Company, Racine, Wis. Furnace. 1,904,781; Apr. 18.
- Crawford, John J., New Glasgow, Nova Scotia, Canada. Extraction of alumina from aluminous materials. 1,938,173; Dec. 5.
- Crawford, John W. C., Cricklewood, and F. G. Willson, Woolwich, London, England, assignors to Monsanto Chemical Works, St. Louis, Mo. Production of hydroxylic compounds. 1,910,679; May 23.
- Crawford McGregor and Canby Company. (See Hampton, William C., assignor.)
- Crawford, McGregor and Canby Company, The. (See Mattern, G. C., Jr., and Duke, assignors.)
- Crawford, Merritt, New York, N. Y. Direct sighting device. 1,935,113; Nov. 14.
- Crawford, Richard A., and F. K. Schoenfeld, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of aqueous dispersions. 1,919,775; July 25.
- Crawford, Samuel W., assignor to National Bearing Metals Corporation, St. Louis, Mo. Journal bearing. 1,908,122; May 9.
- Crawford, Stuart L., Rochester, and W. E. Wegner; said Wegner assignor to Fruit Belt Preserving Company, East Williamson, N. Y. Making and canning apple sauce. 1,910,754; May 23.
- Crawford, Thomas, Bristol, England. Container and shipping package. 1,899,673; Feb. 28.
- Crawford, Wilbur E., Waco, Tex. Shipping jacket for perishable commodities. 1,895,277; Jan. 24.
- Crawford, Wilbur E., Waco, Tex. Shipping container. 1,895,278; Jan. 24.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electric welding. 1,933,967; Nov. 7.
- Crawford, William E., Wauwatosa, and R. C. F. Kurtze, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electric welding. 1,934,408; Nov. 7.
- Crawford, William E., Wauwatosa, and W. F. Heineman, Shorewood, assignors to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electrically welding pipe. 1,934,409; Nov. 7.
- Crawford, William J., Niagara Falls, Ontario, Canada. Control valve for heating systems. 1,929,198; Oct. 3.
- Crawley, Theodore B., West Point, Ky. Front sight for rifles. 1,903,326; Apr. 4.
- Cray, Thomas M. (See Buchanan, J. R., and Cray.)
- Creager, Frederick L., Merchantville, N. J., assignor to Radio Corporation of America. Indicating control means for radio receiving apparatus and the like. 1,938,622; Dec. 12.
- Creagmile, John C., Oakland, Calif. Wheel aligning device. 1,894,532; Jan. 17.
- Creamery Package Mfg. Company, The. (See Hippenmeyer, Irving R., assignor.)
- Creamery Package Mfg. Company, The. (See Wallis, George E., assignor.)
- Creamery Package Mfg. Company, The. (See Williams, George W., assignor.)
- Creasey, Robert E., Christiansburg, Va. Coal washer and separator. 1,937,747; Dec. 5.
- Crecelius, Henry R., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automobile body construction. 1,921,284; Aug. 8.
- Creech, Charles L., Winston-Salem, N. C. Table. 1,932,883; Oct. 31.
- Creecy, David R., sr. (See Creecy, David R., jr., assignor.)
- Creecy, David R., jr., assignor of one-half to David R. Creecy, sr., Richmond, Va. Combined lamp and ash receptacle. 1,931,180; Oct. 17.
- Creed and Company. (See Griffith, Ronald G., assignor.)
- Creed and Company, Limited. (See Creed, F. G., and Salmon, assignors.)
- Creed and Company, Limited. (See Griffith, Ronald G., assignor.)
- Creed and Company, Limited. (See Salmon, Reginald D., assignor.)
- Creed and Company, Limited. (See Salmon, R. D., and Kirk, assignors.)
- Creed and Company, Limited. (See Thompson, Alfred E., assignor.)
- Creed, Frederick G., and R. D. Salmon, assignors to Creed and Company, Limited, Croydon, England. Tape controlled telegraph transmitter. 1,894,980; Jan. 24.
- Creed, George E., London, England, assignor, by mesne assignments, to A. B. Dick Company, Chicago, Ill. Rotary stencil duplicating machine. 1,933,712; Nov. 7.
- Creedon, Michael V., Westfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Conveyor transfer mechanism. 1,928,482; Sept. 26.
- Creel, William H., assignor to Phillips Petroleum Company, Bartlesville, Okla. Cooling and condensing apparatus. 1,908,733; May 16.
- Crellin Machine Company. (See Willard, John M., assignor.)
- Crema Marketing Company, Limited. (See Richards, Laurence S. and E. M., assignors.)
- Creman, William E., Toledo, Ohio. Key bolt or self locking pin. 1,925,174; Sept. 5.
- Cremer, Carl, Copenick-Wendenschloss near Berlin, Germany. Multicore high tension cable. 1,921,606; Aug. 8.
- Cremer, Carl, Copenick-Wendenschloss, near Berlin, and M. Weiselt, Tempelhof, near Berlin, Germany. Oil-filled cable. 1,937,054; Nov. 28.
- Cremer, Frits, Englewood, N. J., assignor to Xetal Corporation, New York, N. Y. Process and apparatus for making rubber or like strip or thread material. 1,893,465; Jan. 3.
- Cremer, George F., Milwaukee, Wis., and R. N. Smith, San Francisco, Calif. Piston ring compressors. 1,916,827; July 4.
- Cremer, Henry, Southgate, Calif. Rear axle steering with front wheel drive. 1,897,551; Feb. 14.
- Cremer, Henry, Southgate, Calif. Front wheel drive for motor vehicles. 1,911,607; May 30.
- Cremer, Henry, Southgate, Calif. Brake for motor vehicles. 1,925,233; Sept. 5.
- Creo-Dipt Company Inc. (See Gosch, Harry E., assignor.)
- Creps, William N. (See Harris, N. C., Creps, and Blakeslee.)
- Creque, Harold S., and D. B. Flower. Fuse clip clamp. 1,941,338; Dec. 26.
- Crescent Specialty Company. (See Kennedy, Andrew, assignor.)
- Crespinel, William T. (See Fairall, H. K., and Crespinel.)
- Crespinel, William T., assignor to Multicolor, Ltd., Los Angeles, Calif. Method and apparatus for placing sound records in color photography. 1,893,698; Jan. 10.
- Crespinel, William T., Los Angeles, Calif., assignor, by mesne assignments, to Hughes Industries Co., Ltd. Gate for multiple films. 1,927,887; Sept. 26.
- Crespinel, William T., and C. W. Prynn, Los Angeles, Calif. Auto light checking means. 1,905,408; Apr. 25.
- Crespinel, William T., and C. W. Prynn, Los Angeles, Calif., assignors, by mesne assignments, to Hughes Industries Co., Ltd. Film coloring machine and coloring film. 1,922,725; Aug. 15.
- Cressey, Edward W., Bay City, Mich. Jar opener. 1,913,535; June 13.
- Cressler, Edward P., Newton, Kans. Angle marking means. 1,917,433; July 11.
- Cretcher, Leonard H. (See Karns, G. M., and Cretcher.)
- Cretors, Charles, Chicago, Ill. Combined melting pot and work stand. 1,935,435; Nov. 14.
- Cretors, Charles, Chicago, Ill. Corn popping apparatus. 1,938,569; Dec. 12.
- Creveling, John L., Tucson, Ariz., assignor, by mesne assignments, to Simplex Equipment Company, Inc., New York, N. Y. Electric system. 1,900,278; Mar. 7.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating means. 1,901,148; Mar. 14.
- Creveling, John L., near Tucson, Ariz. Electric regulator. 1,914,909; June 20.
- Creveling, John L., near Tucson, Ariz. Car lighting system. 1,915,295; June 27.
- Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,132; Dec. 26.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,137; Dec. 26.
- Creveling, John L., Tucson, Ariz., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,139; Dec. 26.

- Creveling, John L., White Plains, assignor, by mesne assignments, to Simplex Equipment Company, Inc., New York, N. Y. Electric regulation. 1,900,277; Mar. 7.
- Creveling, John L., White Plains, N. Y., assignor, by mesne assignments, to The Gould Coupler Company. Electric regulation. 1,908,012; May 9.
- Crew, Owen H., Tulsa, Okla. Box lid support. 1,920,679; Aug. 1.
- Crew, Ralston L., Mills, Calif. Moving picture camera support and manipulator. 1,939,665; Dec. 19.
- Crew, William H., Annapolis, Md. Vacuum tube electrometer. 1,933,136; Dec. 5.
- Crews, Clarence S. (See Maxam, Leonard L., assignor.)
- Cribben & Sexton Company. (See Wilkinson, G. D., and Pellegrin, assignors.)
- Crichton, James V., Philadelphia, Pa. Folding table. 1,905,219; Apr. 25.
- Crichton, Leslie N. (See Evans, R. D., Forescue, Crichton, MacNeill, Griscom, and Wagner.)
- Crichton, Leslie N., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Relay system. 1,924,307; Aug. 29.
- Crick, Owen J., London, England, assignor to Victor Talking Machine Company. Talking machine. 1,907,501; May 9.
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Flexible swab body. 1,898,292; Feb. 21.
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Oil saver. 1,903,093; Mar. 28.
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Disk drill bit. 1,908,693; May 16.
- Crickmer, Charles S., assignor to The Guiberson Corporation, Dallas, Tex. Packer. 1,909,663; May 16.
- Crighton, Peter F. (See Fraser, H. A., and Crighton.)
- Crilly, F. Leo. (See Adams, Arthur H., assignor.)
- Crilly, William P., Los Angeles, Calif. Remote-control system for radio instruments. 1,930,159; Oct. 10.
- Crilly, William P., Los Angeles, Calif. Remote-control system for radio instruments and the like. 1,930,160; Oct. 10.
- Crimmel, Alvie C., Hartford City, Ind. Vessel and track construction for refrigerators. 1,920,359; Aug. 1.
- Crimmel, Alvie C. and H. H., Hartford City, Ind. Combined glass container and cover. Des. 89,681; Apr. 25.
- Crimmel, Alvie C. and H. H., assignors to Sneath Glass Company, Hartford City, Ind. Glass defrosting tray for mechanical refrigerators. 1,915,647; June 27.
- Crimmel, Alvie C. and H. H., Hartford City, Ind. Glass defrosting tray for mechanical refrigerators. 1,915,849; June 27.
- Crimmel, Henry H. (See Crimmel, Alvie C. and H. H.)
- Crimmel, Henry H., Hartford City, Ind. Fruit juice dispenser valve. 1,897,302; Feb. 14.
- Criner, Harry E. (See Criner, Harry J. and H. E.)
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 1,913,047; June 6.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 1,925,481; Sept. 5.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread-slicing machine. 1,934,621; Nov. 7.
- Criner, Harry J., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 1,934,622; Nov. 7.
- Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 1,937,332; Nov. 28.
- Criner, Harry J. and H. E., Davenport, assignors, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Rotary bread slicing machine. 1,937,264; Nov. 28.
- Crisenberry, Benjohn, Detroit, Mich. Gas burner. Des. 91,011; Nov. 14.
- Crisman, Fred W., Richland Center, Wis. Rear view mirror for trucks. 1,921,310; Aug. 8.
- Crisp, Harry A., assignor to The Appleton Coated Paper Company, Appleton, Wis. Paper handling apparatus. 1,934,913; Nov. 14.
- Crisp, Joseph R., West Asheville, N. C. Registering inclinometer. 1,914,081; June 13.
- Crissinger, Alfred D., Greensburg, Pa. Brake for automobiles. 1,928,558; Sept. 26.
- Crisson, George. (See Hamilton, H. S., and Crisson.)
- Crisson, George, East Orange, N. J., assignor to American Telephone and Telegraph Company. Two-way negative resistance repeater. 1,900,045; Mar. 7.
- Crisson, George, East Orange, N. J., assignor to American Telephone and Telegraph Company. Multiway connection for signaling circuits. 1,937,641; Dec. 5.
- Crist, George W., Detroit, Mich. Making spring covers. 1,925,713; Sept. 5.
- Crist, George W., Detroit, Mich. Combination wrench and anvil. 1,925,714; Sept. 5.
- Critchett, James H., Douglaston, N. Y., assignor to Electro Metallurgical Company. Production of alloy surface castings. 1,902,059; Mar. 21.
- Critchfield, James W. (See Mason, Robert L., assignor.)
- Critchfield, James W., assignor to Clark Brothers Chewing Gum Company, Pittsburgh, Pa. Combined coin tray and display rack. Des. 90,871; Oct. 17.
- Critchfield, Robert M., Anderson, Ind., assignor to Delco-Remy Corporation, Dayton, Ohio. Sound signal. 1,935,788; Nov. 21.
- Critchfield, Robert M., and J. W. Lawson, assignors to Delco-Remy Corporation, Anderson, Ind. Windshield cleaner. 1,906,047; Apr. 25.
- Crites, Joe, New York, N. Y., assignor to The Raymond Brothers Impact Pulverizer Co., Chicago, Ill. Planetary ball mill. 1,912,761; June 6.
- Crites, Joe, Evanston, assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Planetary ball mill. 1,912,762; June 6.
- Crites, Wilbur J. (See Knowlton, D. R., and Crites.)
- Crites, Wilbur J., and D. R. Knowlton, assignors to Phillips Petroleum Company, Bartlesville, Okla. Well equipment. 1,917,701; July 11.
- Crittall Manufacturing Co. (See Jorss, Karl F., assignor.)
- Crittenden, Eugene W. (See Turney, William S., assignor.)
- Croasdale, Ernest S. (See Coberly, C. J., and Croasdale.)
- Croasdale, John P., jr. (See Shaw, Anne S., assignor.)
- Croasdale, John P., jr., Berwyn, and J. A. Roberts, Philadelphia, Pa. Planting tool. Des. 89,682; Apr. 25.
- Crobin, Elbert A., jr., Gradyville, assignor of one-half to W. R. Brown, Philadelphia, Pa. Single deck bus with superimposed seats. 1,901,023; Mar. 14.
- Croce, Alphonse U., assignor to Leo V. Clancy, Brockton, Mass. Channeling machine. 1,904,415; Apr. 18.
- Croce, Michele. (See Van Horn, H. M., and Croce, assignors.)
- Croce, Richard D., New York, N. Y. Berry basket. 1,925,482; Sept. 5.
- Crocker, Clarence T., Schenectady, N. Y., assignor to General Electric Company. Compensating mechanism for compasses. 1,925,863; Sept. 5.
- Crocker, Howard E., Malden, and W. W. Harris, Melrose, Mass.; said Harris assignor to said Crocker. Washing machine. 1,893,230; Jan. 3.
- Crocker, Thomas F. (See Saunders, N. H., Lomax, and Crocker.)
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,893,323; Jan. 3.
- Crocker, Thomas F., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,914,361; June 20.
- Crocker-Wheeler Electric Manufacturing Company. (See Edmunds, Howard M., assignor.)
- Crockett, Frank L., East Douglas, assignor to Whitin Machine Works, Whitinsville, Mass. Heilman type corner. 1,922,030; Aug. 15.
- Crockett, James B., Cambridge, Mass. Processing of latex and product of same. 1,936,106; Nov. 21.
- Crockett, James B., Malden, Mass. Preparation of vulcanizable latex. 1,897,189; Feb. 14.
- Crockett, William P., jr. (See Crockett, William P. and W. P., jr.)
- Crockett, William P., Chicago, Ill. Combined cord holder and take-up reel. 1,907,933; May 9.
- Crockett, William P., and W. P. Crockett, jr., assignors to Hospo, Inc., Chicago, Ill. Electric light fixture. 1,907,043; May 2.
- Croco, Carlton W. (See Williams, I., and Croco.)
- Croes, Charles W., Aberdeen, S. Dak. Map holder. 1,930,307; Oct. 10.
- Croessant, George F., Wyomissing, Pa. Extension for socket wrenches. 1,924,089; Aug. 29.
- Crofoot, John B., Mount Prospect, Ill. Stapling machine. 1,939,666; Dec. 19.
- Croft, Cyril M. (See Cameron, W. M., and Croft.)
- Croft, Cyril M. (See Platt, H., and Croft.)
- Croft, Hiram D. (See Perkins, J. L., and Croft.)
- Croker Fire Prevention Corp. (See Lund, Rudolph O., assignor.)
- Crollius, Fred J., and R. W. Stuler, Pittsburgh, Pa., assignor to Stainless Steel Corporation. Stainless steel. 1,924,153; Aug. 29.
- Cromar Company, The. (See Dittmar, Elmer C., assignor.)
- Cromar Co., The. (See Dittmar, Irvin F., assignor.)
- Crompton, Frederick, Central Falls, R. I. Set of playing cards. Des. 91,004; Nov. 7.
- Crompton, George. (See Goddard, Robert H., assignor.)
- Crompton, George, jr., New York, N. Y. Aeroplane. 1,902,813; Mar. 28.
- Crompton & Knowles Loom Works. (See Brouwer, B. W., and Gordon, assignors.)
- Crompton & Knowles Loom Works. (See Burton, Harry H., assignor.)
- Crompton & Knowles Loom Works. (See Cederlund, Albert, assignor.)
- Crompton & Knowles Loom Works. (See Dacey, Edward J., assignor.)
- Crompton & Knowles Loom Works. (See Gargolinski, Anthony D., assignor.)
- Crompton & Knowles Loom Works. (See Gordon, Albert A., assignor.)
- Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
- Crompton & Knowles Loom Works. (See Holmes, E. R., and Payne, assignors.)
- Crompton & Knowles Loom Works. (See Howe, W. C., and Payne, assignors.)
- Crompton & Knowles Loom Works. (See Irons, George A., assignor.)

- Crompton & Knowles Loom Works. (See Irons, George A., Jr., assignor.)
- Crompton & Knowles Loom Works. (See Kerr, Thomas, assignor.)
- Crompton & Knowles Loom Works. (See Lemmis, Thomas, assignor.)
- Crompton & Knowles Loom Works. (See Lindegren, Carl J., assignor.)
- Crompton & Knowles Loom Works. (See Lowe, Walter V., assignor.)
- Crompton & Knowles Loom Works. (See Lundgren, William E., assignor.)
- Crompton & Knowles Loom Works. (See Palmer, Albert, assignor.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crompton & Knowles Loom Works. (See Scherdel, Egid, assignor.)
- Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
- Crompton & Knowles Loom Works. (See Vose, Lewis S., assignor.)
- Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
- Crompton & Knowles Loom Works. (See Wattle, W. M., and Whitten, assignors.)
- Crompton Parkinson Limited. (See Hockley, Harold W., assignor.)
- Crone, Francis G., Buffalo, N. Y. Gas burner. 1,933,790; Nov. 7.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake-shoe key. 1,897,632; Feb. 14.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam adjuster and release device. 1,901,437; Mar. 14.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Safety supporting means for brake beams. 1,918,835; July 18.
- Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Safety supporting means for brake beams. 1,922,526; Aug. 15.
- Cronenberg, Abbey, assignor of one-half to N. Phillips, Toronto, Ontario, Canada. Folding couch. 1,895,541; Jan. 31.
- Cronillac, André. (See Coupeau, M. G., and Delaville, assignors.)
- Cronin, Arthur D., Detroit, Mich., assignor to Combustion Machinery Company, Wilmington, Del. Grate. 1,903,779; Apr. 18.
- Cronin, James C. (See Carter, A. P., Hynes, and Cronin.)
- Cronk, George W. (See Bushnell, J. E., and Cronk.)
- Cronwell, Magnus. (See Ellberg, J., and Cronwell.)
- Crook, Thomas L., Hicksville, Ohio. D-handle for tools. 1,907,287; May 2.
- Crook, William L., Baltimore, Md. Pouring attachment for cans. 1,933,471; Oct. 31.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Core for textile machinery spools. 1,934,167; Nov. 7.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Textile machinery spool and core. 1,934,168; Nov. 7.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Textile machinery spool core. 1,934,169; Nov. 7.
- Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Weighting means for textile machinery spool cores. 1,934,170; Nov. 7.
- Crooks, Ralph K. (See Utne, P., and Crooks.)
- Croom, Guy, Lufkin, Tex., assignor to Lufkin Foundry & Machine Company. Pumping unit with friction clutch. 1,915,519; June 27.
- Croom, Guy, assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Adjustable crank. 1,931,861; Oct. 24.
- Cropp, Archie B. (See Anthony, E., and Cropp.)
- Crosbie, Francis L., Washington, Pa., assignor to Hazel Atlas Glass Company, Wheeling, W. Va. Glass transfer apparatus. 1,909,813; May 16.
- Crosbie, John H., deceased, Pittsburgh, Pa.; V. A. Crosbie, executrix. Resilient support. 1,909,337; May 16.
- Crosbie, Virginia A., executrix. (See Crosbie, John H., assignor.)
- Crosby, Edward W., Whittensburg, Tex., and C. O. V. Fanshier, assignors to Phillips Petroleum Company, Bartlesville, Okla. Flue cutter. 1,907,178; May 2.
- Crosby, Frank B., Seattle, Wash. Illuminated sign. 1,913,585; June 13.
- Crosby, Frank F., Hughesville, Pa. License holder. 1,895,704; Jan. 31.
- Crosby, George W., Woodcliff, N. J., assignor to Bakelite Corporation, New York, N. Y. Rubber vulcanization mold. 1,920,139; July 25.
- Crosby, Harry E., Huntington Park, assignor to Mission Dry Corporation, Ltd., Los Angeles, Calif. Liquid cooler. 1,921,383; Aug. 6.
- Crosby, Reuben S., Hartford, and C. W. Sponsel, Wethersfield, assignors to The Asa S. Cook Company, Hartford, Conn. Screw making machine. 1,902,117; Mar. 21.
- Crosby, Reuben S., and F. E. Newton, assignors to The Asa S. Cook Company, Hartford, Conn. Machine for cutting screw threads. 1,923,423; Aug. 22.
- Crosby, Roy A. (See Nelson, C. C., and Crosby.)
- Crosby, Walter O., Los Angeles, assignor to Francis Walter Guibert, Beverly Hills, Calif. Liquid measuring system. 1,919,828; July 25.
- Croslen, Roy C., Whittier, assignor of one-half to C. J. Perkins, Los Angeles, Calif. Quick acting coupling. 1,893,132; Jan. 3.
- Crosley, George E., assignor to The Burdick Corporation, Milton, Wis. Therapeutic appliance. 1,916,561; July 4.
- Crosley, Powel, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Loud speaker. 1,915,217; June 20.
- Crosley Radio Corporation, The. (See Crosley, Powel, Jr., assignor.)
- Crosley Radio Corporation, The. (See Gray, Walter P., assignor.)
- Crosley Radio Corporation, The. (See Hunter, Theodore A., assignor.)
- Crosley Radio Corporation, The. (See Hunter, T. A., and Rockwell, assignors.)
- Crosley Radio Corporation, The. (See Israel, Dorman D., assignor.)
- Crosley Radio Corporation, The. (See Kaul, John, assignor.)
- Crosley Radio Corporation, The. (See Langley, Ralph H., assignor.)
- Crosley Radio Corporation, The. (See Langley, R. H., and Wacker, assignors.)
- Crosley Radio Corporation, The. (See Money, Roland H., assignor.)
- Crosley Radio Corporation, The. (See Rockwell, Ronald J., assignor.)
- Crosley Radio Corporation, The. (See Rockwell, R. J., and Parkhurst, assignors.)
- Crosley Radio Corporation, The. (See Walker, G. W., and Langley, assignors.)
- Crosley Radio Corporation, The. (See West, Constance L., assignor.)
- Crosman, James H., 3d, Wilmington, N. C. Aircraft. 1,925,091; Sept. 5.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Register. 1,915,296; June 27.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Calculating machine. 1,929,625; Oct. 10.
- Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Register. 1,932,013; Oct. 24.
- Cross, Alexander, and W. F. Brown, assignors to The Clan Engineering Patents Limited, London, England. Ring for pistons of engines, pumps, and the like. 1,930,419; Oct. 10.
- Cross, Claude H., Los Angeles, Calif. Sunbath and outdoor sleeping room. 1,910,463; May 23.
- Cross Development Corporation. (See Petty, Earl, assignor.)
- Cross, Earl F. (See Cross, William A., assignor.)
- Cross, Frank L., Port Washington, N. Y., assignor to Cross Paper Feeder Company, Boston, Mass. Sheet separator for paper feeding machines. 1,904,416; Apr. 18.
- Cross, Fred. (See Muir, A., and Cross.)
- Cross, Grosvenor M., Newton, Mass. Shock absorber. 1,896,539; Feb. 7.
- Cross, Grosvenor M., Belvedere, Calif. Cushioning device. 1,918,322; July 18.
- Cross, Herman J., assignor to Tuttle Register Dust Catcher Company, Louisville, Ky. Dust collector. 1,896,700; Feb. 7.
- Cross, Milton O., Detroit, Mich. Cylinder construction for reciprocating engines. 1,928,411; Sept. 26.
- Cross, Newton. (See Gilliland, Edgar B., assignor.)
- Cross Paper Feeder Company. (See Cross, Frank L., assignor.)
- Cross Parking Systems, Inc. (See Buettel, S. E., and Greunfeld, assignors.)
- Cross, Roy, assignor to Silica Products Company, Kansas City, Mo. Tire puncture preventive. 1,896,611; Feb. 7.
- Cross, Samuel C., West Springfield, assignor to Moore Drop Forging Company, Springfield, Mass. Die for swaging machines. 1,926,141; Sept. 12.
- Cross, Walter M., Kansas City, Mo., assignor to Gasoline Products Company, Inc., Jersey City, N. J. Oil heating furnace. 1,893,731; Jan. 10.
- Cross, Walter M., Kansas City, Mo., assignor to Babcock & Wilcox Co., New York, N. Y. Steam generator. 1,898,078; Feb. 21.
- Cross, Walter M., Kansas City, Mo., assignor to Babcock & Wilcox Co., New York, N. Y. Steam generator. 1,898,079; Feb. 21.
- Cross, Walter M., Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Apparatus for converting petroleum hydrocarbons. 1,916,205; July 4.
- Cross, Walter M., Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Apparatus for treating hydrocarbons. 1,919,320; July 25.
- Cross, Walter M., Kansas City, Mo., assignor to Gasoline Products Company, Inc., New York, N. Y. Cracking petroleum hydrocarbons. 1,920,929; Aug. 1.
- Cross, Walter M., Kansas City, Mo., assignor, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Apparatus for treating hydrocarbons. 1,920,930; Aug. 1.

- Cross, Walter M., Kansas City, Mo., assignor to Babcock & Wilcox Co., New York, N. Y. Heater construction. 1,935,617; Nov. 21.
- Cross, William A., Chicago, assignor to E. F. Cross, Elmhurst, Ill. Gate. 1,908,659; May 9.
- Crossen, George M., Minneapolis, Minn. Valve. 1,898,816; Feb. 21.
- Crossen, George M., Minneapolis, Minn. Steam separator. 1,915,408; June 27.
- Crossen, Robert W., Jr., Plainfield, assignor to Farrell Manufacturing Company, Joliet, Ill. Coupling. 1,922,124; Aug. 15.
- Crossgrove, Robert B., Middlesbrough, England. Device for sharpening safety razor blades. 1,912,763; June 6.
- Crossley, Alfred, Washington, D. C. Frequency and phase indicating system. 1,916,782; July 4.
- Crossley, Alfred, Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Piezo electric crystal system. 1,901,735; Mar. 14.
- Crossley, Alfred, Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Vacuum tube transmitter system. 1,933,968; Nov. 7.
- Crossley, George K. (See Mills, B. M., and Crossley.)
- Crossley, Marlin S., Oklahoma City, Okla. Rotary engine. 1,911,265; May 30.
- Crossley, Norman, Huddersfield, England. Manufacture of yarns or threads. 1,898,941; Feb. 21.
- Crossley Radio Corporation, The. (See Gray, Walter P., assignor.)
- Crossley, Robert G., et al. (See Johnson, Austin C., assignor.)
- Crossley, Royal E., assignor to Crouse-Hinds Company, Syracuse, N. Y. Revolving beacon clutch mechanism. 1,929,016; Oct. 3.
- Crossley, Royal E., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electric lamp construction for viaducts. 1,936,549; Nov. 21.
- Crossman, Archibald K., Oakland, Calif. Nonglare reflector. 1,902,321; Mar. 21.
- Crossman, Harry, Brookline, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. Des. 90,834; Oct. 10.
- Crossman, Harry, Brookline, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. Des. 90,835; Oct. 10.
- Crossman, Harry, Brookline, A. Greenbaum, Beachmont, and M. J. Bernstein, Brookline, assignors to Panther Rubber Manufacturing Company, Stoughton, Mass. Shoe heel. Des. 89,876; May 16.
- Crossman, Harry, Brookline, A. Greenbaum, Beachmont, and M. J. Bernstein, Brookline, assignors to Panther Rubber Manufacturing Company, Stoughton, Mass. Shoe sole. Des. 89,936; May 16.
- Crossman, Theodore C., assignor to The American Brake Company, St. Louis, Mo. Brake rigging. 1,913,625; June 13.
- Crossman, Theodore C., assignor to The American Brake Company, St. Louis, Mo. Brake rigging. 1,914,595; June 20.
- Crowthait, David N., Jr., assignor to C. A. Dunham Company, Marshalltown, Iowa. Exhausting mechanism. 1,893,883; Jan. 10.
- Crowthait, David N., Jr., assignor to C. A. Dunham Company, Marshalltown, Iowa. Bucket trap. 1,930,224; Oct. 10.
- Crotty, James A., et al. (See Henne, A. H., and Clark, assignors.)
- Crouch, Floyd W., McKeesport, Pa., assignor to National Tube Company. Manufacture of butt weld pipe. 1,911,883; May 30.
- Crouch, Harold W., assignor to Eastman Kodak Company, Rochester, N. Y. Detecting leaks in a closed gas system. 1,933,791; Nov. 7.
- Crouch, Rupert J. G. (See Bolas, H., and Crouch.)
- Crouse, George B., Woodcliff, N. J., assignor, by mesne assignments, to Byrnes, Townsend & Potter, Washington, D. C. Eliminating effects of variations in current supplied to audions. 1,918,899; July 18.
- Crouse, George B., New York, N. Y., assignor, by mesne assignments, to Byrnes, Townsend & Potter, Washington, D. C. Electrical filter. 1,920,948; Aug. 1.
- Crouse, George B., New York, N. Y., assignor, by mesne assignments, to Potter, Pierce & Scheffer, Washington, D. C. Filtering electric currents. 1,924,486; Aug. 29.
- Crouse, George B., assignor to Hardwick, Hindle, Inc., Newark, N. J. Resistor. 1,931,981; Oct. 24.
- Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
- Crouse-Hinds Company. (See Buchanan, Frank, assignor.)
- Crouse-Hinds Company. (See Crossley, Royal E., assignor.)
- Crouse-Hinds Company. (See Hardage, Clarence A., assignor.)
- Crouse-Hinds Company. (See Pearson, John T., assignor.)
- Crouse-Hinds Company. (See Phillips, Milton E., assignor.)
- Crouse, Wesley T., St. Louis, Mo. Window-ventilator. 1,892,695; Jan. 3.
- Crouset, Nicolas, Buenos Aires, Argentina. Cabinet for keeping sound records. 1,904,824; Apr. 18.
- Crout, Prescott, Schenectady, N. Y., and C. Stansbury, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control. 1,936,620; Nov. 28.
- Crout, Prescott D., Boston, assignor to Raytheon, Inc., Cambridge, Mass. Electric arc-welding system. 1,928,848; Oct. 3.
- Crowder, Alexander N., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Insulator heating circuit. 1,922,125; Aug. 15.
- Crowder, Alexander N., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Gas cleaning tower. 1,937,265; Nov. 28.
- Crowe, Douglas C., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Automatic and semi-automatic telephone plant. 1,928,849; Oct. 3.
- Crowe, Frederick C., Yakima, Wash. Vending machine. 1,913,917; June 13.
- Crowe, James H., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake drum or member. 1,900,804; Mar. 7.
- Crowe, John M. (See Hansberry, Howard L., assignor.)
- Crowe, John M., Covington, Ky. Shock absorber. 1,932,770; Oct. 31.
- Crowe, Orley J., Detroit, Mich. Filler strip for motor vehicles. 1,907,044; May 2.
- Crowell, Anna W., executrix. (See Crowell, Gilbert L., Jr.)
- Crowell, Clarence W., Beverly Hills, Calif. Glass mix for opaque containers and making the same. 1,899,230; Feb. 28.
- Crowell, Erd V., Los Angeles, Calif. Cement retainer. 1,896,482; Feb. 7.
- Crowell, Erd V., Los Angeles, Calif. Cementing plug. 1,938,955; Dec. 12.
- Crowell, Gilbert L., Jr., deceased, Meriden, Conn., by A. W. Crowell, executrix, Kearney, N. J., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 91,012; Nov. 14.
- Crowell, J. Addison, assignor to James B. Crowell & Son, Walkill, N. Y. System of soft mud brick manufacture and mold therefor. 1,909,523; May 16.
- Crowell, James B., & Son. (See Crowell, J. A., assignor.)
- Crowell, John A., assignor to James B. Crowell & Son, Walkill, N. Y. Brick mold. 1,897,792; Feb. 14.
- Crowell, John A., assignor to James B. Crowell & Son, Walkill, N. Y. Brick mold. 1,898,715; Feb. 21.
- Crowell, Joyce H. (See Rogers, D. G., Ogilvie, and Crowell.)
- Crowell, Joyce H., Buffalo, assignor to National Aniline & Chemical Company, New York, N. Y. Color base and composition containing the same. 1,892,871; Jan. 3.
- Crowell, Joyce H., Pittsburgh, Pa., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Making chlorinated derivatives of indanthrene. 1,931,646; Oct. 24.
- Crowell, Melvin E., Franklin, and T. W. Smith, Indianapolis, assignor to P. C. Reilly, Indianapolis, Ind. Closure for cylinders. 1,933,969; Nov. 7.
- Crowell, Ray O., Rome, assignor to General Cable Corporation, New York, N. Y. Wire stripping apparatus. 1,921,384; Aug. 8.
- Crowell, Russell B., and S. R. Ebe, Agnew, Calif., assignors to American Solvents & Chemical Corporation, New York, N. Y. Utilization of the trimmings obtained from the manufacture of basic magnesium carbonate heat insulating materials. 1,927,602; Sept. 19.
- Crowell, William, et al. (See Brown, Edgar T., assignor.)
- Crowell, William J., Jr. (See Gamble, R. H., and Crowell.)
- Crowell, William J., Jr., Wyncote, Pa. Flow meter and applying it. 1,909,254; May 16.
- Crowells, Edward J., Detroit, Mich., assignor to Edward C. Gritzbaugh. Sand dredging apparatus. 1,940,483; Dec. 19.
- Crowfoot, Arthur, et al. (See Ayer, F., Crowfoot, Hérlivel, and Sorensen.)
- Crowl, Charles A., assignor, by mesne assignments, to S. P. Foltz, New Castle, Pa. Heat exchanger. 1,904,857; Apr. 18.
- Crowl, Ernest S., Mitchell, Kans. Pumping unit. 1,914,008; June 13.
- Crowley, Charley A., Nashville, Tenn. Holder for reknitting fabrics. 1,903,893; Apr. 18.
- Crowley, Henry L., assignor to Henry L. Crowley & Company, Inc., West Orange, N. J. Molding ceramic materials. 1,894,368; Jan. 17.
- Crowley, Henry L., East Orange, assignor to Henry L. Crowley & Company, Inc., West Orange, N. J. Insulating spacer. 1,901,703; Mar. 14.
- Crowley, Henry L., assignor to Henry L. Crowley & Co., Inc., East Orange, N. J. Producing an article of manufacture. 1,904,273; Apr. 18.
- Crowley, Henry L., East Orange, assignor to Henry L. Crowley & Company, Inc., West Orange, N. J. Grinding apparatus. 1,904,274; Apr. 18.
- Crowley, Henry L., East Orange, assignor to Henry L. Crowley & Co., Inc., West Orange, N. J. Electron discharge device. 1,936,048; Nov. 21.
- Crowley, Henry L., & Company. (See Crowley, Henry L., assignor.)
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve mechanism. 1,895,449; Jan. 31.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 1,895,450; Jan. 31.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem and adapter. 1,903,392; Apr. 4.

- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 1,903,395; Apr. 4.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Pressure gauge. 1,915,122; June 20.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Air chuck. 1,918,689; July 18.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem construction. 1,923,775; Aug. 22.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Pressure gauge. 1,923,776; Aug. 22.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Pressure gauge. 1,930,039; Oct. 10.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve. 1,930,040; Oct. 10.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Combined inflating device and pressure gauge. 1,941,249; Dec. 26.
- Crowley, John C., Cleveland Heights, and A. E. Bronson, Shaker Heights, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Steaming apparatus. 1,930,038; Oct. 10.
- Crowley, John C., Cleveland Heights, and A. P. Williamson, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Tire-inflating attachment. 1,930,041; Oct. 10.
- Crowley, John F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and shank piece therefor. 1,913,476; June 13.
- Crowley, Joseph P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing sheet glass. 1,906,249; May 2.
- Crowley, William J., Claymont, Del. Mechanical catcher for rolling mills. 1,925,979; Sept. 5.
- Crown Cork & Seal Company. (See Darling, Frank L., assignor.)
- Crown Cork & Seal Company. (See Huntley, George J., assignor.)
- Crown Cork & Seal Company. (See Kramer, Eric B., assignor.)
- Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
- Crown Cork & Seal Company. (See Parker, Cecil J., assignor.)
- Crown Cork & Seal Company. (See Ross, Hugh M., assignor.)
- Crown Cork & Seal Company, Inc. (See Warth, Albin H., assignor.)
- Crown Lock Company, The. (See Gahagan, Andrew, assignor.)
- Crown Paper Company. (See Bishop, George D., assignor.)
- Crown Stove Works. (See Bright, Jesse L., assignor.)
- Crown Stove Works. (See Rogers, Walter F., assignor.)
- Crowther, Frederick K., New Malden, England. Recording of sounds. 1,902,814; Mar. 28.
- Crowther, George A., Jackson Heights, assignor to International Safety Lock Nut Corporation, New York, N. Y. Wheel mounting. 1,940,675; Dec. 26.
- Crowther, Harry E., and S. W. Hawkins, Cuyaboga Falls, assignor of one-third to Martin H. Behnke, Akron, Ohio. Steam generating system. 1,894,217; Jan. 10.
- Croydon Fabrics. (See Kohut, Alexander, assignor.)
- Croier-Straub, Inc. (See Straub, F. J., Marshall, and Cyphers, assignors.)
- Crucible Steel Company of America. (See Becker, R. C., and Allison, Jr., assignor.)
- Crucible Steel Company of America. (See Liebmman, Alfred J., assignor.)
- Cruikshank, James W., Pittsburgh, Pa., assignor, by mesne assignments, to Pilkington Brothers Limited, Lancashire, England. Polishing glass. 1,893,985; Jan. 10.
- Crum, Bayard M. (See Grobstein, J. J., and Crum.)
- Crum, John M., Johnstown, Pa. Combined automobile trunk and accessory drawer. 1,927,922; Sept. 26.
- Crum, Carlton W., Hazleton, Pa., and F. M. Sanders, Marysville, Mich.; said Crum assignor to Oliver United Filters Inc., San Francisco, Calif.; said Sanders assignor to St. Clair Rubber Company, Marysville, Mich. Method of and apparatus for impregnating and/or surface coating fabrics. 1,939,842; Dec. 19.
- Crume, Marshall E., assignor to Miami Manufacturing Company, Peru, Ind. Door. 1,912,829; June 6.
- Crume, Marshall E., assignor to Miami Manufacturing Company, Peru, Ind. Door. 1,912,830; June 6.
- Crume, William H., Dayton, Ohio, assignor to The William MacGlashan Corporation, Tecumseh, Mich. Making fac concrete products. 1,899,137; Feb. 28.
- Crimp, Sherman, Haynesville, La. Marine propeller. 1,917,503; July 11.
- Crumpacker, James W., Hutchinson, Kans. Drive shaft and pinion assembly puller. 1,901,736; Mar. 14.
- Crumrine, Chester W. (See Thompson, R. G., and Crumrine.)
- Crumrine, Chester W., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,935,436; Nov. 14.
- Crumrine, Chester W., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,936,466; Nov. 21.
- Crundall, Sydney F. W. (See Bailey, F. W., Crundall, and Spence.)
- Cruiser, Victor I., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Container. 1,894,022; Jan. 10.
- Crutchfield, Edward W. (See Austin, D. E., Bissell, and Crutchfield.)
- Crute, Joseph T., assignor of one-half to M. A. Goode, Virgilina, Va. Automatic steam blower. 1,933,658; Nov. 7.
- Cruz, Edward M., Alpine, Calif. Road pavement joint cleaning and finishing tool. 1,899,183; Feb. 28.
- Cruze, Frederick C., Knoxville, Tenn. Closure cap. 1,924,308; Aug. 29.
- Cruze, George R., Danville, Pa. Fastening device for sheet metal structures. 1,893,537; Jan. 10.
- Cruze, George R., Danville, Pa. Fastening device for auto license tags or the like. 1,894,552; Jan. 17.
- Cryer, Albert A., deceased, New York, N. Y.; M. H. Cryer, executrix. Steam trap. 1,897,753; Feb. 14.
- Cryer, Mathilde H., executrix. (See Cryer, Albert A.)
- Crystal Carbonic Laboratory. (See Comer, William T., assignor.)
- Crystal Tissue Company, The. (See Wilson, Joseph C., assignor.)
- Crystler, Frank M., Lansing, Mich., assignor to Jones-Dabney Co. Finishing process. 1,904,417; Apr. 18.
- Csanyi, Henry, New York, N. Y. Metallic coatings and making same. 1,939,667; Dec. 19.
- Csutorás, Edward. (See Gabor, F., Csutorás, and Laszló.)
- Cuban-American Manganese Corporation. (See Weinig, Arthur J., assignor.)
- Cube Steak Machine Company. (See Deckert, Oscar R., assignor.)
- Cucci, Victor J. (See Kimball, D. D., and Cucci.)
- Cuchran, Julius, Chicago, Ill. Bowling game apparatus. 1,919,094; July 18.
- Cuddy, Loftus B., Sewickley, Pa. Safety blade sharpener. 1,935,079; Nov. 14.
- Cuddy, Loftus B., Sewickley, assignor of one-half to K. J. Tener, Pittsburgh, Pa. Safety blade sharpener. 1,908,223; May 9.
- Cudney, Harry J. (See Wiley, W. K., and Cudney.)
- Cudney, Harry J., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Illuminated sign. 1,900,768; Mar. 7.
- Cudney, Harry J., Buffalo, assignor to Flexlume Corporation, Tonawanda, N. Y. Combination metal and electroluminescent tube display character. 1,928,619; Oct. 8.
- Cuff, James H., and J. A. McGreevy, Brooklyn, N. Y. Foldable tray. 1,925,523; Sept. 5.
- Cuffel, Roy O., assignor to C. R. Kayser, Los Angeles, Calif. Extension table. 1,933,316; Oct. 31.
- Culber, Charles A., Northfield, Minn. Electrical generator. 1,893,019; Jan. 3.
- Culbertson, Albert L., deceased, Mount Lebanon, Pa.; L. M. Culbertson and The Union Trust Company of Pittsburgh, executors of said A. L. Culbertson. Heating furnace. 1,912,933; June 6.
- Culbertson, Albert L., Mount Lebanon, Pa. Heating furnace. 1,921,507; Aug. 8.
- Culbertson, Albert L., deceased, Mount Lebanon, Pittsburgh, Pa.; Laverna M. Culbertson and The Union Trust Company of Pittsburgh, executors. Heating furnace. 1,926,714; Sept. 12.
- Culbertson, Albert L., deceased, Mount Lebanon Township, Allegheny County; L. M. Culbertson and The Union Trust Company, Pittsburgh, Pa., executors. Heating furnace. 1,937,812; Dec. 5.
- Culbertson, J. W. (See Goodman, John S., assignor.)
- Culbertson, Laverna M., et al., executors. (See Culbertson, Albert L.)
- Cullen, Daniel G. (See Wahrhaftig, J., and Cullen.)
- Cullen, Daniel G., Detroit, Mich. Package. 1,909,524; May 16.
- Cullen, Edward V., and A. G. A. Schmidt, assignors to Cullen-Friedstedt Company, Chicago, Ill. Derrick. 1,908,959; May 16.
- Cullen, Ernest E., San Diego, Calif. Dish. 1,921,348; Aug. 8.
- Cullen-Friedstedt Company. (See Cullen, E. V., and Schmidt, assignors.)
- Cullen-Friedstedt Company. (See Schmidt, Albert G. A., assignor.)
- Cullen, Harry E. (See Monson, E. G., and Cullen.)
- Cullen, Harry E., and H. O. Ronning, assignors to H. P. Watson, Minneapolis, Minn. Shaft seal. 1,923,915; Aug. 22.
- Cullen, Julien F. (See Spratt, G. W., and Cullen.)
- Cullen, Orville E. (See Cowan, R. J., and Cullen.)
- Cullen, William J., Maplewood, N. J. Roll shaft mounting for inspection reelers and the like. 1,921,405; Aug. 8.
- Culler, William E., Kansas City, Mo. Sluice box. 1,915,086; June 20.
- Cullin, Jasper F., Detroit, Mich., assignor, by mesne assignments, to Delco-Remy Corporation, Anderson, Ind. Electric coil. 1,926,331; Sept. 12.

- Cullin, Jasper F., Detroit, Mich., assignor, by mesne assignments, to Delco-Remy Corporation, Anderson, Ind. Brush rigging for electrical apparatus. 1,935,789; Nov. 21.
- Cullinan, Thomas F., Johnson City, Tenn. Automobile gas tank locking mechanism. 1,932,957; Oct. 31.
- Cullman, Otto, Chicago, Ill. Mounting electrically actuated mechanisms for driving lathes and other machines. 1,920,498; Aug. 1.
- Culman, Carl, Honolulu, Hawaii. Pivot polishing device. 1,915,087; June 20.
- Culmer, Thaddeus W., assignor to Lincoln Oil Refining Company, Robinson, Ill. Purification of petroleum and hydrocarbon compounds. 1,899,314; Feb. 28.
- Culmore, March, Houston, Tex. Ice tray. 1,913,536; June 13.
- Culp, John F., assignor to Ideal Lubricator Company, Philadelphia, Pa. Adjustable valve. 1,918,959; July 18.
- Culshaw, Peter W., Bootle, Cumberland, England, assignor to Sullivan Machinery Company. Sampling bit for bore-hole machinery. 1,926,038; Sept. 12.
- Culver, Charles A., Northfield, Minn. Modulation system. 1,896,742; Feb. 7.
- Culver, Charles A., Northfield, Minn. Oscillation generator. 1,930,458; Oct. 10.
- Culver, Charles A., Northfield, Minn. Modulation system. 1,932,155; Oct. 24.
- Culver, Charles A., Northfield, Minn., assignor to Wired Radio, Inc., New York, N. Y. Picture transmission. 1,898,080; Feb. 21.
- Culver, Charles A., Northfield, Minn., assignor to Wired Radio, Inc., New York, N. Y. Cooling system for vacuum tubes. 1,905,811; Apr. 25.
- Culver, Edward, London, and A. H. Emerson, Finchley, London, assignors to United Kingdom Optical Company, Limited, London, England. Lens. 1,932,100; Oct. 24.
- Culver, Franz R. (See Pearson, H. B., and Culver.)
- Culver, Harry H., Williamsport, Pa. Domestic stoker. 1,931,181; Oct. 17.
- Cumfer, Donald A., Rutherford, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Making prepared shingles. 1,916,095; June 27.
- Cumfer, Donald A., Rutherford, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Apparatus for making prepared shingles. 1,916,096; June 27.
- Cuming, George W., New York, N. Y., assignor to M. A. Cumings & Co. Inc. Machine for treating hat bodies. 1,902,118; Mar. 21.
- Cuming, M. A., & Co. Inc. (See Cuming, George W., assignor.)
- Cumming, Alexander, Jr., assignor to Bristol Nurseries, Inc., Bristol, Conn. Chrysanthemum. Pl. Pt. 58; Mar. 21.
- Cumming, Fergus, et al. (See Barnard, A. W. A., and Adin, assignors.)
- Cumming, Henry W. S., et al. (See Pass, Harry C., assignor.)
- Cummings, Walter W., et al. (See Pass, Henry C., assignor.)
- Cummings, Edmund O., High Point, N. C. Making basic metal sulphates and recovery of metal from waste metallic compounds. 1,901,364; Mar. 14.
- Cummings, Herbert G. (See Cummings, William J. and H. G.)
- Cummings, James D., and M. P. Laurent, Houston, Tex. Tractor attachment. 1,907,934; May 9.
- Cummings, James D., and R. Eichenberg, Houston, Tex.; said Eichenberg assignor to W-K-M. Company, Inc. Tractor attachment. 1,931,221; Oct. 17.
- Cummings, Nephi W., La Jolla, Calif. Gasoline gauge. 1,897,419; Feb. 14.
- Cummings, Nephi W., San Bernardino, Calif. Vacuum or pressure gauge. 1,918,635; July 18.
- Cummings, Oren O., Farmerville, La. Radio cabinet. Des. 90,400; Aug. 1.
- Cummings, Preston W., assignor to H. D. Colman, Rockford, Ill. Power operator. 1,895,880; Jan. 31.
- Cummings, Preston W., assignor to H. D. Colman, Rockford, Ill. Power driven valve operator. 1,933,713; Nov. 7.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for cutting blanks from sheet material. 1,914,405; June 20.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying cement. 1,932,542; Oct. 31.
- Cummings, William H., Cleveland, Ohio. Box blank or similar article. Des. 90,803; Oct. 3.
- Cummings, William J. and H. G., Vancouver, British Columbia, Canada. Roasting furnace. 1,912,973; June 6.
- Cummins, Arthur B., Plainfield, N. J., assignor to Celite Corporation, New York, N. Y. Fractionally separating pulverulent materials. 1,934,410; Nov. 7.
- Cummins, Clessie L., assignor to Oil Engine Development Company, Columbus, Ind. Piston ring. 1,939,163; Dec. 12.
- Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
- Cummins, Thomas K., assignor to Northern Malleable Iron Company, St. Paul, Minn. Cable clamp. 1,936,009; Nov. 21.
- Cummons, Avan B. (See Logan, Everett, assignor.)
- Cunard, Russell S., Everett, Pa. Semaphore. 1,921,349; Aug. 8.
- Cunard Steam Ship Company Limited, The. (See Adam, R. A., Holmes, and Perrins, assignors.)
- Cundall, Robert N., East Hamburg, assignor to Consolidated Packaging Machinery Corp., Buffalo, N. Y. Weighing and filling machine. 1,904,652; Apr. 18.
- Cuneo, John B., San Francisco, Calif. Building construction. 1,907,935; May 9.
- Cunneen, James M., Jersey City, N. J. Safety stop for vehicle lifts. 1,936,107; Nov. 21.
- Cunning, Harry E., Roanoke, Va. Lubricating device. 1,900,429; Mar. 7.
- Cunningham, Allan, Seattle, Wash. Steam cargo hoist. 1,906,947; May 2.
- Cunningham, Arthur B., assignor to Republic Flow Meters Company, Chicago, Ill. Mechanically operated gas analyzer. 1,897,721; Feb. 14.
- Cunningham, Arthur B., assignor to Republic Flow Meters Company, Chicago, Ill. Power transmitting or registering device. 1,930,192; Oct. 10.
- Cunningham, E. T. (See Wise, Roger M., assignor.)
- Cunningham, Fred, et al. (See Brown, Edgar T., assignor.)
- Cunningham, Harry, Warrensburg, N. Y. Birthday cake plate. 1,935,831; Nov. 21.
- Cunningham, Harry G. (See Garbutt, F. E., Cunningham, and Ingran.)
- Cunningham, James, Burlington, N. J. Windshield attachment. 1,930,002; Oct. 10.
- Cunningham, James M., San Pedro, Calif., assignor to The Tabulating Machine Company, Endicott, N. Y. Card handling machine. 1,916,965; July 4.
- Cunningham, James M., assignor to The Tabulating Machine Company, Endicott, N. Y. Gang punch. 1,916,966; July 4.
- Cunningham, James M., Endicott, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine and cycle controller therefor. 1,933,714; Nov. 7.
- Cunningham, James, Son & Company. (See Ferguson, David, assignor.)
- Cunningham, Katherine E., assignor to Associated Apparel Industries, Inc., Chicago, Ill. Foundation garment. 1,899,890; Feb. 28.
- Cunningham, Marion M., assignor to Bendix Brake Company, South Bend, Ind. Brake hook-up. 1,919,187; July 25.
- Cunningham, Marion M., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake drum seal. 1,930,708; Oct. 17.
- Cunningham, Melville B., Fort Worth, Tex. Condiment shaker. 1,906,135; Apr. 25.
- Cunningham, Orin D., assignor to P. C. Reilly, Indianapolis, Ind. Ore flotation and flotation reagent. 1,902,838; Mar. 28.
- Cunningham, Orin D., assignor to P. C. Reilly, Indianapolis, Ind. Froth flotation and material employed to effect the same. 1,902,839; Mar. 28.
- Cunningham, Orin D., Provo, Utah, assignor to P. C. Reilly, Indianapolis, Ind. Froth flotation process. 1,925,750; Sept. 5.
- Cunningham, Roy H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Tool. 1,929,351; Oct. 3.
- Cunningham, Thomas R., Flushing, N. Y., and R. C. Price, Cleveland, Ohio, assignors to Kemet Laboratories Company, Inc. Separation of tantalum from columbium. 1,908,473; May 9.
- Cunnington, George R., assignor, by mesne assignments, to The General Tire & Rubber Company, Akron, Ohio. Method and apparatus for forming wire reinforcing elements. 1,910,323; May 23.
- Cunnington, Herbert F. (See Baker, J. S., and Cunningham.)
- Cuno Engineering Corporation. (See Perkins, Clarence B., assignor.)
- Cuno Engineering Corporation, The. (See Wolfson, Sidney L., assignor.)
- Cuntz, Hermann F., New York, N. Y. Airport. 1,915,297; June 27.
- Cupery, Martin E., Wilmington, Del. Electrolytic reduction of organic nitro compounds. 1,926,837; Sept. 12.
- Cupples Company, Manufacturers. (See Fleischli, J. A., and Gountzman, assignors.)
- Cupples Company, Manufacturers. (See Pfeiffer, Fred B., assignor.)
- Cureton, James G. (See Griffin, J. T., Deane, and Cureton.)
- Curioni, Aldo, Larchmont, assignor, by mesne assignments, to The Gasolair Corporation, New York, N. Y. Vaporizing apparatus. Re19,026; Dec. 12.
- Curle, Charles W., San Francisco, Calif. Combined slug gauge and thickness trimmer. 1,903,528; Apr. 11.
- Curle, Charles W., San Francisco, Calif. Type slug trimming device. 1,910,524; May 23.
- Curlee, William F., Houston, Tex. Electric fuse. 1,938,097; Dec. 5.
- Curley, John J., Brockton, Mass. Vehicle direction indicator. 1,930,193; Oct. 10.

- Curley, Robert S., Lowell, assignor to Saco-Lowell Shops, Newton Upper Falls, Mass. Cotton working method and machine. 1,908,224; May 9.
- Curnen, Bernard V. (See Gray, John W., assignor.)
- Curphey, Ralph M. (See Carmean, J. H., and Curphey.)
- Curran, Francis J., Chicago, Ill. Disinfectant and deodorizer. 1,897,573; Feb. 14.
- Curran, Francis J., Chicago, Ill. Swab for cleaning dishpans, etc. 1,927,868; Sept. 26.
- Curran, Frank M. (See Norris, C. B., Curran, and Van Steenwyk.)
- Curran, John V., Toronto, Ontario, Canada. Film clip. 1,933,659; Nov. 7.
- Curran, Joseph C., Pittsburgh, Pa. Clock illuminating mechanism. 1,938,417; Dec. 5.
- Curran, Roy A., Bayonne, N. J., assignor to Standard Oil Development Company. Method of and apparatus for dividing asphalt. 1,939,391; Dec. 12.
- Curran, Arthur J. (See Seymour, John K., assignor.)
- Currens, James E. C. (See Englebright, A. E., Foret, and Currens.)
- Currens, James E. C., San Anselmo, Calif. Feed mechanism for earth boring apparatus. 1,928,048; Sept. 26.
- Currens, James E. C., San Anselmo, Calif. Grip device for earth boring apparatus. 1,933,209; Oct. 31.
- Currie, Clare H., Webster City, assignor, by mesne assignments, to L. E. Armstrong Realty & Investment Co., Fort Dodge, Iowa. Sewer pipe. Re18,785; Apr. 4.
- Currie, Eugene, Minneapolis, Minn. Sanitary brush. 1,904,917; Apr. 18.
- Currie, Gilbert. (See James, H. D., and Currie.)
- Currie, Gilbert, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Chain guide. 1,907,509; May 9.
- Currie, Gilbert, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Safety device for circuitous elevators. 1,909,045; May 16.
- Currie, Hugh A., Chicago, Ill. Caster. 1,920,004; July 25.
- Currie, James N., J. H. Kane, and A. Finlay, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Producing gluconic acid by fungi. 1,893,819; Jan. 10.
- Currie, James N., and R. H. Carter, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Production of gluconic acid. 1,896,811; Feb. 7.
- Currie, James N., and A. Finlay, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Fermentation. 1,908,225; May 9.
- Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Lamp and adjustable mounting for the same. 1,914,009; June 13.
- Currie, Thomas D., Detroit, Mich. Wrench. 1,895,280; Jan. 24.
- Currie, Thomas D., Detroit, Mich. Vise and the like. 1,895,281; Jan. 24.
- Currier, Arthur, Penacook, assignor to Acme Knitting Machine & Needle Company, Franklin, N. H. Knitting machine needle. 1,928,964; Oct. 3.
- Currier, Arthur L., Ashburnham, Mass., assignor to Cornell Bag Corporation, New York, N. Y. Bag-filling machine. 1,926,802; Sept. 12.
- Currier, Cornelius J., assignor to A. P. Thompson, Salem, Mass. Clip. 1,912,181; May 30.
- Currier, Philip M., Ballston Lake, N. Y., assignor to General Electric Company. Electric valve converting system and excitation apparatus therefor. 1,939,437; Dec. 12.
- Currier, Philip M., Ballston Lake, N. Y., assignor to General Electric Company. Thermostatic control for vapor electric devices. 1,941,339; Dec. 26.
- Currivan, John F., Forest Hills, N. Y., assignor to Good-Ad, Inc. Dial operator. 1,900,916; Mar. 14.
- Curry, Edward J., St. Paul, Minn. Window cleaning device. 1,922,078; Aug. 15.
- Curry, Robert, Louisville, Ky. Oil changing indicator. 1,920,844; Aug. 1.
- Curry, Thomas F., Los Angeles, Calif. Liner for garbage receptacles. 1,917,217; July 11.
- Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)
- Curtin, Leo P., Cranbury, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Production of ferric oxalate. 1,899,674; Feb. 28.
- Curtin, Leo P., Cranbury, N. J. Recovery of lead directly from lead ore in the form of an acetate of lead. 1,916,302; July 4.
- Curtin, Leo P., Cranbury, N. J. Converting roasted lead ores and bag-house dust directly into lead salts. 1,916,303; July 4.
- Curtin, Leo P., Cranbury, N. J. Making zinc meta arsenite. 1,924,065; Aug. 22.
- Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Zino-meta-arsenite. 1,900,162; Mar. 7.
- Curtin, Leo P., Cranbury, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Forming oxalate coatings on iron and steel articles. 1,910,593; May 23.
- Curtin, Leo P., Cranbury, N. J., and B. L. Kline, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Rust proofing iron and steel articles. 1,895,568; Jan. 31.
- Curtin, Leo P., Cranbury, N. J., and B. L. Kline, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Production of protective coatings on iron and steel articles. 1,895,569; Jan. 31.
- Curtin, Leo P., Cranbury, N. J., and W. Thordarson, New York, N. Y.; said Thordarson assignor to said Curtin. Making bromine and iodine. 1,916,094; June 27.
- Curtis, Arthur R., assignor to Superior Carbon Products, Incorporated, Cleveland, Ohio. Method of and machine for binding cables. 1,900,695; Mar. 7.
- Curtis, Austen M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating device. 1,907,745; May 9.
- Curtis, Austen M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric current interrupter. 1,930,264; Oct. 10.
- Curtis, Austen M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Excess voltage protection circuit. 1,937,143; Nov. 28.
- Curtis, Chalmers C., Cuyahoga Falls, Ohio. Refrigerator. 1,921,865; Aug. 8.
- Curtis, Charles C. (See Stacey, George A., assignor.)
- Curtis, Charles G., New York, N. Y. Trunk piston for Diesel engines. 1,921,607; Aug. 8.
- Curtis, Charles G., New York, and B. R. Newton, Jamaica, N. Y. Two cycle internal combustion engine. 1,919,829; July 25.
- Curtis Companies. (See Beil, Forrest F., assignor.)
- Curtis Companies. (See Madsen, Sern, assignor.)
- Curtis Companies Incorporated. (See Madsen, Sern, assignor.)
- Curtis, Edgar H., Framingham Center, assignor to Charles F. Baker & Co., Inc., Boston, Mass. Clenching wire nail. 1,933,317; Oct. 31.
- Curtis, Ernest F. and M. A., Orlando, Fla. Device for supporting animals. 1,912,514; June 6.
- Curtis, Eugene J., et al. (See Madsen, Sern, assignor.)
- Curtis, Frank W., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Cutter grinder. 1,917,504; July 11.
- Curtis, George L., et al. (See Madsen, Sern, assignor.)
- Curtis, George W., Milwaukee, Wis., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing closure. 1,906,545; May 2.
- Curtis, George W., Milwaukee, Wis., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 1,909,525; May 16.
- Curtis, Harry B., Huntington, assignor to The Bridgeport Hardware Manufacturing Corporation, Bridgeport, Conn. Implement handle. Des. 88,859; Jan. 8.
- Curtis Harvesters, Inc. (See Baldwin, Curtis C., assignor.)
- Curtis, Henry E., San Jose, assignor of one-half to J. H. Betts, Long Beach, Calif. Motor vehicle construction. 1,893,324; Jan. 3.
- Curtis, James D., Collingswood, N. J. Spark plug containing an intensifying gap. 1,922,661; Aug. 15.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Sheathing driver. 1,898,984; Feb. 21.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Steel retainer attachment for rock drills. 1,905,981; Apr. 25.
- Curtis, John C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air line oiler. 1,907,045; May 2.
- Curtis, John C., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill blowing device. 1,940,846; Dec. 26.
- Curtis, John D., Pasadena, Calif. Receptacle filling and emptying device. 1,933,165; Oct. 31.
- Curtis, Kathryn B. (See Partrick, M. H., and Curtis.)
- Curtis, Kenneth L., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Method of and apparatus for feeding or pulling tape. 1,908,960; May 16.
- Curtis, L. E., jr., et al. (See Montgomery, William P., assignor.)
- Curtis Manufacturing Company. (See Ackerman, Frank, assignor.)
- Curtis Manufacturing Company. (See Steedman, Edwin H., assignor.)
- Curtis & Marble Machine Company. (See Collidge, Charles H., assignor.)
- Curtis, Martha A. (See Curtis, Ernest F. and M. A.)
- Curtis, Westley F. (See Page, R. M., and Curtis.)
- Curtis, Westley F., Washington, D. C. Harmonic selector circuit for frequency multipliers. 1,930,924; Oct. 17.
- Curtis, Westley F., Washington, D. C. Frequency divider. 1,933,970; Nov. 7.
- Curtis, William H., Peru, Ind. Combined table leg and foot rest. 1,933,210; Oct. 31.
- Curtis, William H., assignor to National Pumps Corporation, Dayton, Ohio. Pump cabinet. Des. 89,386; Mar. 7.
- Curtis, William H., assignor to National Pumps Corporation, Dayton, Ohio. Pressure controlling device for a liquid dispensing apparatus. 1,900,333; Mar. 7.
- Curtiss Aerocar Company. (See Curtiss, Glenn H., assignor.)
- Curtiss Aerocar Company, Inc. (See Cuthell, Chester W., assignor.)
- Curtiss Aerocar Company. (See Parrish, William J., assignor.)
- Curtiss Aerocar Company. (See Robinson, Harold H., assignor.)
- Curtiss Aeroplane & Motor Company. (See Beisel, R. B., and Page, assignors.)

- Curtiss Aeroplane & Motor Company. (See Blanchard, Werner J., assignor.)
- Curtiss Aeroplane & Motor Company. (See Blaylock, Raymond C., assignor.)
- Curtiss Aeroplane & Motor Company. (See Hathorn, Charles E., assignor.)
- Curtiss Aeroplane & Motor Company. (See Henriksen, K., and Payne, assignors.)
- Curtiss Aeroplane & Motor Company. (See Nutt, A., Leak, and Chisholm, jr., assignors.)
- Curtiss Aeroplane & Motor Company. (See Page, George A., jr., assignor.)
- Curtiss Aeroplane & Motor Company. (See Payne, Samuel T., assignor.)
- Curtiss Aeroplane & Motor Company. (See Pearson, Fred A., assignor.)
- Curtiss Aeroplane & Motor Company. (See Trimbach, Clem G., assignor.)
- Curtiss Aeroplane & Motor Company. (See Vaughn, Stanley I., assignor.)
- Curtiss Aeroplane & Motor Company. (See Vinje, Arne F., assignor.)
- Curtiss Aeroplane & Motor Company. (See Wright, T. P., and Osborn, assignors.)
- Curtiss Aeroplane & Motor Company, Inc. (See Wright, Theodore P., assignor.)
- Curtiss, Arthur N., Collingswood, N. J., assignor to Radio Corporation of America. Musical instrument. 1,907,936; May 9.
- Curtiss, Glenn H., Country Club Estates, assignor, by mesne assignments, to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Flexible coupling for vehicular structures. 1,916,967; July 4.
- Curtiss, Glenn H., Country Club Estates, assignor, by mesne assignments, to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Seat. 1,937,055; Nov. 28.
- Curtiss, Nathan A., Ridgewood, N. J., assignor to The Hills Brothers Company, New York, N. Y. Apparatus for pitting fruit. 1,924,678; Aug. 29.
- Curtiss, Nathaniel H., Passaic, N. J., assignor to New York Belting and Packing Company, New York, N. Y. Method and apparatus for stripping hose from mandrels. 1,916,361; July 4.
- Curtiss-Wright Flying Service, Inc. (See Gerhardt, W. F., and Brock, assignors.)
- Cushing, George H., Washington, D. C. Focusing machine. 1,894,733; Jan. 17.
- Cushing, George H., Washington, D. C. Lamp socket. 1,925,435; Sept. 5.
- Cushing, George H., assignor to Cushing Lamp Incorporated, Washington, D. C. Projecting lamp. 1,914,846; June 20.
- Cushing, John H., Los Angeles, Calif. Drill pipe protector. 1,893,020; Jan. 3.
- Cushing Lamp Incorporated. (See Cushing, George H., assignor.)
- Cushman, Arion V. (See Mueller, R. H., and Cushman.)
- Cushman Chuck Company, The. (See Sloan, H. E., and Highberg, assignors.)
- Cushman, H. T., Mfg. Co. (See De Vries, Herman E., assignor.)
- Cushman, Horace C., et al., executors. (See Pushee, George D.)
- Cushman, Ned, Shreveport, La. Flexible vehicle axle. 1,927,230; Sept. 19.
- Cushman, Orville E., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Waterproofing compound and making the same. 1,913,430; June 13.
- Cushman, William M. (See Maves, S. E., and Cushman.)
- Cushwa, Charles B., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Liner plate. 1,914,847; June 20.
- Cusson, Sylvain, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,401; Aug. 1.
- Cusson, Sylvain, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,436; Aug. 8.
- Cusson, Sylvain, assignor to Cohn Hall Marx Co., New York, N. Y. Textile fabric or similar article. Des. 90,479; Aug. 15.
- Custer, Fred, assignor to The De Vilbiss Company, Toledo, Ohio. Pump atomizer. 1,896,701; Feb. 7.
- Custer, Ira R., El Paso, Tex. Flask. 1,921,350; Aug. 8.
- Custer, Levitt L., Dayton, Ohio. Amusement apparatus. 1,909,573; May 16.
- Clüsters, Peter W., M. Gladbach, Germany. Machine for moistening and cooling yarns and fabrics. 1,914,488; June 20.
- Cuthbert, Lawrence F., assignor to The Newell Mfg. Co., Ogdensburg, N. Y. Curtain rod threader. 1,930,996; Oct. 17.
- Cuthbert, Thomas J., assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe making. 1,903,374; Apr. 4.
- Cuthbert, William R. (See Sheaffer, C. R., and Cuthbert.)
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Co., Fort Madison, Iowa. Container. 1,898,342; Feb. 21.
- Cuthbert, William R., assignor to W. A. Sheaffer Pen Co., Fort Madison, Iowa. Fountain pen construction. 1,908,123; May 9.
- Cuthbertson, Robert E. (See Weinig, A. J., and Cuthbertson.)
- Cuthell, Chester W., New York, N. Y., assignor, by mesne assignments, to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Combination cot and reclining chair. 1,937,056; Nov. 28.
- Cuthill, James, Bramhall, assignor to The Oil Well Engineering Company Limited, Stockport, England. Well drilling apparatus. 1,908,734; May 16.
- Cutler, Charles L., Springfield, Mass. Game board. 1,893,732; Jan. 10.
- Cutler, Clifford A., Buffalo, N. Y. Stationery rack. 1,939,108; Dec. 12.
- Cutler, Clifford A., Buffalo, N. Y. Typewriter desk. 1,940,046; Dec. 19.
- Cutler, Clifford A., Buffalo, N. Y. Cabinet construction. 1,940,047; Dec. 19.
- Cutler, Clifford A., Buffalo, N. Y. Adjustable holder for partitions. 1,940,048; Dec. 19.
- Cutler, Denzil A. (See Franklin, C. S., and Cutler.)
- Cutler, Frank G. (See Haswell, A. B., and Cutler.)
- Cutler, Frank W., Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Wiper mechanism for fruit driers. 1,928,993; Oct. 3.
- Cutler-Hammer, Inc. (See Brown, Glendon C., assignor.)
- Cutler-Hammer, Inc. (See Crout, P., and Stansbury, assignors.)
- Cutler-Hammer, Inc. (See Evans, Clarence T., assignor.)
- Cutler-Hammer, Inc. (See Giard, Eugene A., assignor.)
- Cutler-Hammer, Inc. (See Harwood, Paisley B., assignor.)
- Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
- Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
- Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
- Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
- Cutler-Hammer, Inc. (See Kuhn, C. W., and Ryan, assignors.)
- Cutler-Hammer, Inc. (See Kuhn, C. W., and Stevens, assignors.)
- Cutler-Hammer, Inc. (See Laabs, Eric H., assignor.)
- Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
- Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
- Cutler-Hammer, Inc. (See Mortensen, Niels L., assignor.)
- Cutler-Hammer, Inc. (See Perrine, Robert O., assignor.)
- Cutler-Hammer, Inc. (See Pinkerton, Clarence S., assignor.)
- Cutler-Hammer, Inc. (See Schmidt, Edwin X., assignor.)
- Cutler-Hammer, Inc. (See Seeger, Edwin W., assignor.)
- Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
- Cutler-Hammer, Inc. (See Stansbury, C., and Brown, assignors.)
- Cutler-Hammer, Inc. (See Tregoning, William C., assignor.)
- Cutler-Hammer, Inc. (See Winkle, Hallock L., assignor.)
- Cutler, Henry H., deceased, Coral Gables, Fla.; J. Ralph Tatum, executor. Vehicle propulsion and control system. 1,919,181; July 18.
- Cutler, John F., San Francisco, Calif. Can punch. 1,919,711; July 25.
- Cutler, Joseph W., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute. 1,895,069; Jan. 24.
- Cutler, Joseph W., assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail-sorting chute. 1,929,109; Oct. 3.
- Cutler, Leonard W., and C. A. Klein, Enfield, assignors, by mesne assignments, to Goodlass Wall and Lead Industries Limited, London, England. Metal coated material. 1,905,959; Apr. 25.
- Cutler Mail Chute Co. (See Cutler, Joseph W., assignor.)
- Cutler Mail Chute Co. (See Van, Riper, Stanley V., assignor.)
- Cutler, Minnie, et al. (See Cochlin, Solomon, assignor.)
- Cutler, Roger W., Needham, Mass. Roofing and manufacturing same. 1,924,181; Aug. 29.
- Cuttat, Georges, assignor to Société Anonyme des Etablissements Cuttat, Paris, France. Hydraulic pump and motor. 1,906,787; May 2.
- Cutter, George A., Dedham, assignor, by mesne assignments, to Thomson-Gibb Electric Welding Company, Lynn, Mass. Apparatus for electric welding. 1,924,915; Aug. 29.
- Cutting, Clark T. (See Taylor, W. J., and Cutting.)
- Cutting, Clark T., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,938,093; Dec. 5.
- Cutting, Richard H., Cleveland, and E. F. Stukbauer, Cleveland Heights, Ohio; said Cutting assignor to said Stukbauer. Baseball game. 1,896,684; Feb. 7.
- Cycletow Corporation, Ltd. (See Hess, Albert L., assignor.)
- Cypher, Westly R. (See McGrady, J. H., and Cypher.)
- Cyphers, Samuel. (See Straub, F. J., Marshall, and Cyphers.)
- Czajkowski, Ignace, Chicago, Ill. Furnace arch roof and tile for building the same. 1,927,257; Sept. 19.
- Czank, Aranka. (See Szatler, Louis, assignor.)
- Czapek, Emil, and E. Bauer, Bomlitz near Walsrode, Germany. Making hollow bodies from cellulose compounds and the like. 1,913,383; July 13.
- Czapiewski, Frank M., Milwaukee, Wis. Wind indicator for airplane landing fields. 1,902,763; Mar. 21.
- Czech, Henry O., Chicago, Ill. Signaling device for automobiles. 1,908,124; May 9.
- Czechoslovak Company: Actiengesellschaft C. P. Goerz Optische Anstalt Activa Spolecnost K. P. Goerz Opticky Ustav. (See von Hofe, C., and Boykow, assignors.)

- Czczowiczka, Oskar, Vienna, Austria. Machine for sowing seeds. 1,914,848; June 20.
- Czernin, Wolfgang. (See Hütteman, E., and Czernin.)
- Czerweny, Viktor, Waltendorf, near Graz, Austria. Card-board box and the like. 1,895,070; Jan. 24.
- D L P Valve Company, a Trust. (See Lewis, James O., assignor.)
- Dabrasky, August, Washington, D. C. Fuse setting machine. 1,898,081; Feb. 21.
- Dabrasky, August, Washington, D. C. Supplying cartridge belts to a feed mechanism. 1,901,868; Mar. 21.
- Dabrasky, August, Washington, D. C., and G. W. Beatty, Decatur, Ill. Cartridge feed mechanism. 1,903,288; Apr. 4.
- Dacey, Edward J., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 1,906,948; May 2.
- Dachlauer, Karl, and C. Thomsen, Höchst-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Water soluble condensation product and preparing the same. 1,912,260; May 30.
- Dacon, Charles H., and V. Stults, assignors to St. Louis Tire Retreading Machine Company, St. Louis, Mo. Apparatus for retreading tires. 1,894,347; Jan. 17.
- Da Costa, Robert C., Chestnut Hill, assignor to H. H. Eby, Germantown, Philadelphia, Pa. Variable impedance. 1,926,196; Sept. 12.
- Dadd, Frank E., Bedford, assignor of one-half to J. T. Shevlin, London, England. Brake mechanism. 1,898,869; Feb. 21.
- Dade, Reimar, assignor to Lübecker Maschinenbau Gesellschaft, Lübeck, Germany. Barge. 1,917,434; July 11.
- D'Adrian, Alexander L. D. (See Glasgow, R. S., and d'Adrian.)
- Daesen, John R. (See Wemple, L. E., and Daesen.)
- Daft, Lewis. (See Eitniear, Frank, assignor.)
- Da Gama, Vasco, New York, N. Y. Table light or analogous article. Des. 89,075; Jan. 24.
- Daggett, Edward H., Glen Ridge, assignor of one-half to T. H. Brown, Chatham, N. J. Alarm device and operating mechanism. 1,894,581; Jan. 17.
- Daggett, John D., Shafer, Minn. Bird's house. Des. 89,631; Apr. 18.
- Dagley, Fred R., and A. W. Grant, Knoxville, Tenn. Moisture proof connection for ignition systems. 1,910,095; May 23.
- Dahl, Charles, Fernwood, Idaho. Shears. 1,903,257; Mar. 28.
- Dahl, Conrad, Chicago, Ill., assignor to A. T. Green, Philadelphia, Pa. Ash tray. Des. 91,013; Nov. 14.
- Dahl, Conrad, Chicago, Ill., assignor, by mesne assignments, to Kiddie Gym Co. Inc., Newark, N. J. Swing. 1,927,025; Sept. 19.
- Dahl, Henry. (See Lassen, H. C., and Dahl.)
- Dahl, Henry J., Fargo, N. Dak., assignor of one-half to J. M. Dahl, Borup, Minn., and S. N. Dahl, Chicago, Ill. Pop corn machine. 1,937,318; Nov. 28.
- Dahl, James M., et al. (See Dahl, Henry J., assignor.)
- Dahl, Louis A., and W. C. Hanna, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Manufacture of Portland cement. 1,916,716; July 4.
- Dahl, Otto, Berlin-Wilmersdorf, and J. Pfaffenberger, Berlin-Mariendorf, Germany, assignors to General Electric Company. Magnetic core. 1,902,491; Mar. 21.
- Dahl, Richard S. (See Christensen, R. H. V., and Dahl.)
- Dahl, Silas N., et al. (See Dahl, Henry J., assignor.)
- Dahlberg, Arthur O., Lake Worth, Fla., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 1,904,358; Apr. 18.
- Dahlberg, Oscar A., Minneapolis, Minn., assignor to J. Sunnen, Kirkwood, Mo. Refinishing engine cylinders. 1,915,817; June 27.
- Dahlen, Miles A. (See Hitch, E. F., and Dahlen.)
- Dahlgren, Sven A. B., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Separating liquids of different specific gravities. 1,897,240; Feb. 14.
- Dahlin, Carl R., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,911,266; May 30.
- Dahlman, Gustave R. (See Parsons, S. W., and Dahlman.)
- Dahlman, Gustave R., assignor to The Skinner Chuck Company, New Britain, Conn. Air cylinder for chucks. 1,934,411; Nov. 7.
- Dahlman, Verner, New Lenox, Ill., assignor to Independent Air Filter Company, Chicago, Ill. Air filter. 1,925,793; Sept. 5.
- Dahlquist, Reuben A., Chicago, Ill. Game board. Des. 89,387; Mar. 7.
- Dahlstrom, Arvid, assignor of one-third to F. Landberg and one-third to J. P. Seeburg, Chicago, Ill. Automatic phonograph. 1,893,469; Jan. 3.
- Dahlstrom, Arvid, assignor of one-third to J. P. Seeburg and one-third to Frithof Landberg, Chicago, Ill. Prepayment current dispensing device. 1,934,914; Nov. 14.
- Dahlstrom, Frank P., assignor to Morgan Construction Company, Worcester, Mass. Apparatus for handling packed metal stock. 1,931,405; Oct. 17.
- Dahlstrom, John A. (See Chadwick, L. S., Resek, and Dahlstrom.)
- Dahlstrom Metallic Door Company. (See Bloomstran, Hilmer F., assignor.)
- Dahlstrom Metallic Door Company. (See Jacobson, Ludwig G., assignor.)
- Dahlstrom Metallic Door Company. (See Linstrom, Elmer V., assignor.)
- Dahlstrom Metallic Door Company. (See Rose, Edwin L., assignor.)
- Dahlstrom Metallic Door Company. (See Rose, Gustaf A., assignor.)
- Dahmen, Karl, Dusseldorf, Germany. Sound recording and reproducing means. 1,897,722; Feb. 14.
- Dabneke, Harry L., San Francisco, Calif. Auto jack. 1,914,769; June 20.
- Dahrén, Johan A., Gottenborg, Sweden. Driving pile shells. 1,906,136; Apr. 25.
- Daiber, Ernst. (See Renner, A., and Daiber.)
- Dailey, John F., Rochester, N. Y. Combined automatic refrigerator and milk box. 1,923,191; Aug. 22.
- Dailey, Manvel C. (See Randel, W. S., and Dailey.)
- Dailey, Manvel C., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Composition for molding investment inlays. 1,901,052; Mar. 14.
- Dailey, Manvel C., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Dental investment composition. 1,901,053; Mar. 14.
- Dailey, Manvel C., assignor to United States Gypsum Company, Chicago, Ill. Dental model stone composition. 1,901,054; Mar. 14.
- Dailey, Robert W., assignor to La Vall, Inc., Chicago, Ill. Holder for toilet articles. Des. 91,014; Nov. 14.
- Dailey, William O., Portland, Ore. Fireplace guard screen. 1,923,424; Aug. 22.
- Dailey, William O., Portland, Ore. Combination milk can support, opener, and dispensing device. 1,927,258; Sept. 19.
- Daily, Eugene V., Los Angeles, Calif., assignor to James B. Clow & Sons, Chicago, Ill. Radiator. 1,906,949; May 2.
- Daily Mirror Newspapers, Limited. (See Dalton, John W., assignor.)
- Daimler-Benz Aktiengesellschaft. (See Aichele, Gottlob, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Devillers, René J., assignor.)
- Daimler-Benz Aktiengesellschaft. (See Halier, Andreas, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Köhler, Otto, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Roller, Franz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Steinecke, Fritz, assignor.)
- Daimler-Benz Aktiengesellschaft. (See Wagner, Max, assignor.)
- Daimler Company Limited, The. (See Pomeroy, L. H., and Blundell, assignors.)
- Daimler, Karl. (See Steindorf, A., Daimler, and Platz.)
- Daimler, Karl, Frankfurt-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Fire-preventing and fire-extinguishing agent. 1,914,406; June 20.
- Daimler, Karl, and Karl Platz, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing ethionic acid or carbyl sulphate. 1,913,794; June 13.
- Dain, Harrington W., Donna, Tex. Injection valve for a Diesel engine. 1,908,660; May 9.
- Dain Manufacturing Company of Iowa. (See Hurley, James E., assignor.)
- Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)
- Dain Manufacturing Company of Iowa. (See Miller, Paul P., assignor.)
- Dain Manufacturing Company of Iowa. (See Moeschel, Herman, assignor.)
- Dainton, Edgar H. (See Logette, A. I., and Dainton.)
- Dainton, Edgar H. (See Miller, Henry C., assignor.)
- Daisy Manufacturing Company. (See Abrams, Henry J., assignor.)
- Daisy Manufacturing Company. (See Hough, Edward C., assignor.)
- Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
- Dakan, Carl, St. Joseph, assignor of one-third to S. Bernard Bass, Kansas City, and one-third to M. Biederman, St. Joseph, Mo. Aerial connector for radio apparatus. 1,940,997; Dec. 26.
- Dake, Fred L., assignor to The Foote Company, Inc., Nunda, N. Y. Skip boom and skip for concrete pavers. 1,926,142; Sept. 12.
- Dake, Virgil H., Pittsburgh, Pa. Electrical relay. 1,908,961; May 16.
- Dalager, Sophus A., Glenwood, Minn. Power take-off. 1,915,015; June 20.
- Dalby, Thomas, Inc. (See Craig, Allan D., assignor.)
- Dale, Clarence R. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier.)
- Dale, Clayton E., assignor to Mid-States Steel & Wire Co., Crawfordsville, Ind. Wrapped bundle of coiled wire. 1,933,660; Nov. 7.
- Dale, Clayton E., assignor to Mid-States Steel & Wire Co., Crawfordsville, Ind. Wrapping bundle or coil of wire and like articles. 1,933,661; Nov. 7.

- Dale, James E., Milwaukee, Wis. Fair lead. 1,941,250; Dec. 26.
- Dale, Taimar J., Oil City, Pa. Spreading device for dump wagons. 1,937,266; Nov. 28.
- D'Aleo, Frank, Brooklyn, N. Y. Brake applying mechanism. 1,911,223; May 30.
- Daley, Charles A., Hornell, assignor to Air Reduction Company, Incorporated, New York, N. Y. Reforming rail ends. 1,924,838; Aug. 29.
- Daley, Charles A., Hornell, assignor to Air Reduction Company, Incorporated, New York, N. Y. Treating railroad track members. 1,924,846; Aug. 29.
- Daley, Charles A., Hornell, assignor to Air Reduction Company, Incorporated, New York, N. Y. Building up worn track members. 1,933,139; Oct. 31.
- Daley, Jackson H. and A. B. Christensen, Eureka, Calif. Invalid handling appliance for bath tubs. 1,934,117; Nov. 7.
- Daley, James C., assignor to Jefferson Electric Company, Chicago, Ill. Making core laminæ. 1,901,584; Mar. 14.
- Daley, James C., assignor to Jefferson Electric Company, Chicago, Ill. Making core laminations. 1,939,668; Dec. 19.
- Dagliesh, Herbert V., assignor to Research & Development Corporation, Atlanta, Ga. Heat exchange device. 1,899,080; Feb. 28.
- Dalheimer, Walther, Eindhoven, Netherlands, assignor to Radio Corporation of America. Apparatus for mechanically mounting electrodes of thermionic tubes. 1,901,087; Mar. 14.
- Dalheimer, Walther, Eindhoven, Netherlands, assignor to Radio Corporation of America, New York, N. Y. Grid winding machine. 1,933,971; Nov. 7.
- Da-Lite Screen Co. (See Heck, John T., assignor.)
- Dällenbach, Walter, Zurich, Switzerland. Leading-in device for metallic vacuum-discharge containers. 1,901,802; Mar. 14.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Combined reproducing and recording device. 1,902,950; Mar. 28.
- Dal Maso, Joseph, Washington, D. C. Ash tray. Des. 90,574; Aug. 29.
- Dalmer, Otto, and C. Diehl, Darmstadt, Germany. New chlorine derivative and process for making same. 1,894,162; Jan. 10.
- Dalpayrat, Henri F., assignor to Radio Patents Corporation, New York, N. Y. Band-pass filter. 1,897,633; Feb. 14.
- Dal Porto, Charles F., Vallejo, Calif. Signal light switch. 1,894,163; Jan. 10.
- Dalton, Cecil O., Dallas, Tex. Steering gear. 1,938,740; Dec. 12.
- Dalton, Daniel F., assignor to The Shoe Hardware Company, Waterbury, Conn. Slide fastener. 1,938,812; Dec. 12.
- Dalton, Hubert, Rumson, N. J. Dental mirror. 1,909,853; May 16.
- Dalton, John W., Wimbledon, London, assignor to Daily Mirror Newspapers, Limited, London, England. Engraving. 1,933,792; Nov. 7.
- Dalton, William H., Jersey City, N. J. Paper savings bank. 1,913,232; June 6.
- Daly, Christopher M., Bridgeport, Conn. Radioreceiver. 1,922,279; Aug. 15.
- Daly, George F. (See Bryce, J. W., and Daly.)
- Daly, George F. (See Lake, C. D., and Daly.)
- Daly, George F., Johnson City, assignor to The Tabulating Machine Company, Endicott, N. Y. Total taking mechanism. 1,921,454; Aug. 8.
- Daly, George F., Johnson City, and R. E. Page, Binghamton, assignors to The Tabulating Machine Company, Endicott, N. Y. Tabulating machine. 1,896,540; Feb. 7.
- Daly, George F., and R. E. Page, assignors to The Tabulating Machine Company, Endicott, N. Y. Tabulating machine for nondecimal systems. 1,902,017; Mar. 21.
- Daly, Loretta M., Pittsfield, Mass., assignor to General Electric Company. Electrical heating unit. 1,911,063; May 23.
- Daly, John R., Huntington, W. Va. Register mechanism. 1,936,126; Nov. 21.
- Daly, Norman, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,836; Oct. 10.
- Dalzell, Clarence W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Motor control apparatus. 1,930,950; Oct. 17.
- Dalzell, Clarence W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway light signal. 1,940,903; Dec. 26.
- Dam, Henry M., Rosendal, Floral Park, Long Island, N. Y., assignor to Noma Electric Corporation, New York, N. Y. Decorative illuminating unit. Des. 90,526; Aug. 22.
- Daman, Arthur C., Denver, Colo. Thickener. 1,907,746; May 9.
- Daman, Arthur C., Denver, Colo. Laboratory filter. 1,907,749; May 9.
- Daman, Arthur C., Denver, Colo. Conditioner and agitator. 1,921,220; Aug. 8.
- Daman, Arthur C., and W. E. Smith, assignors to The Denver Equipment Co., Denver, Colo. Ore classifier. 1,892,872; Jan. 3.
- Daman, Louis W., Outremont, Montreal, Quebec, Canada. 1,922,421; Aug. 15.
- Damarin, Fred L., Villa Park, and D. A. Harper, assignors to Brown & Caine (Chicago Division) of Tung-Sol Lamp Works Inc., Chicago, Ill. Treating impregnated insulating dielectrics. 1,911,064; May 23.
- Dambacher, Fritz. (See Patch, R. H., and Dambacher.)
- Dame, Charles Vance, Lanark, Ill. Portable electrical apparatus. 1,935,790; Nov. 21.
- Damerell, Mark H., assignor to Wyman-Gordon Company, Worcester, Mass. Twisting machine. 1,909,097; May 16.
- Damerell, Mark H., assignor of two-thirds to A. L. Godwin, Worcester, Mass. Continuous wire cleaning machine. 1,911,751; May 30.
- Damerell, Mark H., assignor to Wyman-Gordon Company, Worcester, Mass. Machine for rolling tubular products. 1,919,686; July 25.
- Damerell, Mark H., assignor to Wyman-Gordon Company, Worcester, Mass. Indicating machine. 1,938,216; Dec. 5.
- D'Amico, Angelo, Stockton, Calif. Electric oven. 1,930,836; Oct. 17.
- D'Amico, Angelo, M. W. Hild, and W. H. Wilcox, Stockton, Calif. Portable electric metal melter. 1,898,481; Feb. 21.
- Damico, Vito, Chicago, Ill. Toy firearm. 1,935,287; Nov. 14.
- Damitz, Frederick M., Irvington, N. J., assignor to The Harvel Corporation. Composition of matter. 1,912,435; June 6.
- Damm, Max, Company. (See Lacher, Samuel, assignor.)
- Damon, Isaac F. (See Holland, F., and Damon.)
- Damon, John C., Boston, Mass., assignor to The American Brass Company, Waterbury, Conn. Machine for making wire cable. 1,899,559; Feb. 28.
- D'Amour, Paul H., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Resonance box. 1,931,885; Oct. 24.
- Dampier, Leon E., San Jose, and R. H. Dampier, San Mateo, Calif. Cabinet shelving. 1,903,334; Apr. 4.
- Dampier, Roly H. (See Dampier, Leon E. and R. H.)
- Damsel, William B., assignor to Victaulic Company of America, New York, N. Y. Pipe coupling. 1,903,029; Mar. 28.
- Damsel, William B., and W. C. Damsel, New York, N. Y. Laminated article. 1,931,922; Oct. 24.
- Damsel, William C. (See Damsel, William B., and W. C.)
- Damsel, William C., Glens Falls, assignor to James H. Hayes, New York, N. Y. Pipe end protector. 1,934,681; Nov. 14.
- Dana, Charles A., et al. (See Hubach, Gustave, assignor.)
- Dana, Charles A., receiver. (See Maynard, Charles E., assignor.)
- Dana, Charles A., et al., receivers. (See Bearman, Harry C., assignor.)
- Dana, Charles A., et al., receivers. (See Castricum, Martin, assignor.)
- Dana, Charles A., et al., receivers. (See Dexter, Albert M., assignor.)
- Dana, Charles A., et al., receivers. (See Soulen, Harry B., assignor.)
- Dana, Charles A., et al., receivers. (See Wikle, George F., assignor.)
- Dana, Drexler, Santa Barbara, and F. A. Morgan, Beverley Hills, Calif. Method and apparatus for drilling oil wells. 1,900,163; Mar. 7.
- Danby Machine Specialties, Inc. (See Besocke, Richard, assignor.)
- Dancer, Ben, Houston, Tex. Burial vault. 1,901,149; Mar. 14.
- D'Ancelet, Jerome H. (See Hirsh, E. M., and D'Ancelet.)
- Dandini, Alessandro O., San Francisco, Calif. Marine vessel. 1,905,345; Apr. 25.
- D'Andrea, Michael, assignor of one-half to R. J. Stieger, St. Paul, Minn. Stencil cabinet. 1,902,220; Mar. 21.
- Daneke, Dietrich. (See Brackett, E. M., and Daneke.)
- Daneke, William, Linden, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil and finishing same. 1,920,005; July 25.
- Daneke, William, Linden, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil and finishing same. 1,920,361; Aug. 1.
- Dangelmajer, Charles. (See Carlisle, P. J., and Dangelmajer.)
- D'Angelo, Louis. (See Master, Thomas A.)
- D'Angelo, Philip, Algonac, Mich. Ash can. 1,905,622; Apr. 25.
- Dangerlite Corporation of America. (See Scott, Ernest E., assignor.)
- Daniel, Charles E., assignor to The American Crayon Company, Sandusky, Ohio. Apparatus for molding pencils and the like. 1,922,527; Aug. 15.
- Daniel, Charles E., assignor to The American Crayon Company, Sandusky, Ohio. Blackboard eraser. 1,934,843; Nov. 14.
- Daniel, John V. (See Mallory, J. L., and Daniel.)
- Daniel, Louis. (See Ricard, A. E., and Daniel.)
- Daniel, Louis, Brooklyn, assignor to B. Blumenthal & Co. Inc., New York, N. Y. Button. Des. 89,296; Feb. 21.
- Daniel, Royal G., Denver, Colo. Vulcanizer. 1,908,950; May 2.
- Daniel, William, assignor to Greenhill & Daniel, Inc., Brooklyn, N. Y. Bathing suit of the one-piece kind. 1,930,644; Oct. 17.

- Danieletto, Carlos M. (See Petroni, J. L., and Daniel-etto.)
- Daniell, Francis H., Glen Iris, Victoria, Australia. Apparatus for seaming containers. 1,908,822; May 16.
- Daniell, Francis H., Glen Iris, Victoria, Australia. Container forming machine. 1,908,823; May 16.
- Daniels, Albert R., Fort Sam Houston, Tex. Loose leaf book binder. 1,910,792; May 23.
- Daniels, C. R., Inc. (See Herdter, George A., assignor.)
- Daniels, Charles E., Atchison, Kans. Apparatus for fitting the ends of piston rings. 1,916,783; July 4.
- Daniels, Claude H., Newton Center, Mass. Shoe. Des. 90,233; July 4.
- Daniels, Claude H., Newton Center, Mass. Shoe. Des. 90,234; July 4.
- Daniels, Claude H., Newton Center, Mass. Shoe. Des. 90,235; July 4.
- Daniels, Claude H., Newton Center, Mass. Jewelled shoe and making same. 1,901,494; Mar. 14.
- Daniels, Claude H., Newton Center, Mass. Manufacturing boots or shoes. 1,919,464; July 25.
- Daniels, Ernest M., assignor to The United States Shoe Corporation, Cincinnati, Ohio. Shoe. Des. 90,615; Sept. 5.
- Daniels, Fred C. T. (See Shimer, W. R., and Daniels.)
- Daniels, John T., Newark, N. J. Electroplating apparatus. 1,936,382; Nov. 21.
- Daniels, Joseph, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Regenerator. 1,908,409; May 9.
- Daniels, Joseph, Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Contrivance for carrying out gas reactions at high temperatures. 1,920,632; Aug. 1.
- Daniels, Lloyd C. (See Jaeger, A. O., and Daniels.)
- Daniels, Lloyd C. (See Jaeger, A. O., Daniels, and West.)
- Daniels, Lloyd C., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Making anthraquinones. 1,895,788; Jan. 31.
- Daniels, Lloyd C., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Preparing zinc phthalate. 1,934,171; Nov. 7.
- Daniels, Rupert S. (See Schmidt, J. H., and Daniels.)
- Daniels, Rupert S., Newark, N. J. assignor to Bakelite Corporation, New York, N. Y. Water repellent abrasive. 1,900,430; Mar. 7.
- Daniels, Samuel. (See Lyon, A. J., and Daniels.)
- Daniels, Samuel, Hardwick, Vt. Furnace. 1,917,702; July 11.
- Daniels, Wilhelm H. (See Lux, E., Daniels, and Kühn.)
- Daniels, William G., Freeport, N. Y. Toy train draft coupling. 1,897,362; Feb. 14.
- Danielson, Daniel B., Milwaukee, Wis. Suspended ceiling hanger. 1,931,574; Oct. 24.
- Danielson, Ernest G., assignor to Gray & Danielson Manufacturing Company, San Francisco, Calif. Variable condenser. 1,908,694; May 16.
- Danielson, Ernest G., San Francisco, Calif. Knob. 1,938,556; Dec. 5.
- Danielson, Karl A., et al. (See Mapson, Robert L., assignor.)
- Danills, Martin E., Goodland, Kans. Strainer unit. 1,928,049; Sept. 26.
- Danks, Alfred C., Cleveland, Ohio. Meter. 1,911,267; May 30.
- Danks, George I. (See Ruffner, Edward W., assignor.)
- Dannell, Arthur G., New York, N. Y. assignor, by mesne assignments, to Wilcox-Rich Corporation, Detroit, Mich. Fabricating composite metal articles. 1,898,426; Feb. 21.
- Dannenbergs, Charles B., and H. Whittaker, Wilmington, Del. Machine for laying off surface contours to scale. 1,920,633; Aug. 1.
- Danner, Edward, Newark, Ohio. Combination smoker's set. Des. 91,132; Dec. 5.
- Danner, Philip S., Point Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Non-defonating fuel. 1,893,021; Jan. 3.
- Dannheiser, Joseph M., assignor to Es-B-Es Co., San Francisco, Calif. Laboratory switchboard system. 1,921,608; Aug. 8.
- Danninger, Felix. (See Hofer, A., and Danninger.)
- D'Annunzio, George, Jersey City, assignor to Shoup-Owens, Inc., Hoboken, N. J. Pasteboard box. 1,904,125; Apr. 18.
- D'Annunzio, Harry C., Rochester, N. Y., assignor, by mesne assignments, to Fashion Park Manufacturing Corporation, Outer knickers. 1,920,634; Aug. 1.
- Dansboe, Harry H., Dallas, Tex., assignor to General Electric Company. Protective device for walking beam pumping rigs. 1,902,492; Mar. 21.
- Dante, Joseph J., Bantam, assignor to The John E. Cook Estate, Incorporated, Torrington, Conn. Electric switch. 1,905,812; Apr. 25.
- Dantsizen, Christian, Schenectady, N. Y., assignor to General Electric Company. Wire making process. 1,902,493; Mar. 21.
- Dantsizen, Christian, Schenectady, N. Y., assignor to General Electric Company. Insulation. 1,904,413; Apr. 18.
- Dantsizen, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating system. 1,920,845; Aug. 1.
- Danuser, Jacob. (See de Montmollin, G., Danuser, Bonhôte, and Johnner.)
- Danzner, Fred P., assignor to Gold Medal Folding Furniture Co., Racine, Wis. Folding chair. 1,935,238; Nov. 14.
- Danziger, Harold I., New York, N. Y., assignor to Condenser Corporation of America, Jersey City, N. J. Electrolytic condenser. 1,908,962; May 16.
- Danziger, Harold I., New York, N. Y. Apparatus for winding coil condensers. 1,940,847; Dec. 26.
- Dap, Jean, Puteaux, France, assignor to Dap-Motor Patent Gesellschaft m. b. H., Cologne-Holweide, Germany. Machine having pistons and cylinders arranged around a circumference. 1,940,049; Dec. 19.
- Dap-Motor Patent Gesellschaft m. b. H. (See Dap, Jean, assignor.)
- Daprato Statuary Company. (See Mariotti, Josef J., assignor.)
- Daprato Statuary Company. (See Riccini, Bruno, assignor.)
- Darbaker, James M., New Castle, Pa., assignor to American Sheet and Tin Plate Company. Sheet feeder. 1,911,884; May 30.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Echelon grating for reflecting ultra short waves. 1,906,546; May 2.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Wave-meter for ultra-short waves. 1,921,117; Aug. 8.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Field strength measurement for ultra-short waves. 1,923,916; Aug. 22.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Transmission system for ultra-short waves. 1,927,393; Sept. 19.
- Darbord, René H., and A. G. Clavier, Paris, France, assignors to International Communications Laboratories, Inc., New York, N. Y. Ultra-short wave relay station. 1,927,394; Sept. 19.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Short wave radio beacon. 1,937,748; Dec. 5.
- Darbord, René H., Paris, France, assignor to International Communications Laboratories, Inc., New York, N. Y. Screen grating for the simultaneous two-directional transmission of ultra-short waves. 1,938,066; Dec. 5.
- Darby, Cornelia, executrix. (See Darby, Edward H.)
- Darby, Edward H., deceased, by C. L. Darby, executrix, Rome, assignor to American Anode, Incorporated, New York, N. Y. Dehydrating rubber deposited from aqueous dispersions. 1,899,016; Feb. 28.
- Darby, Edward H., deceased, by C. L. Darby, executrix, Rome, assignor to American Anode, Incorporated, New York, N. Y. Insulating method and product thereof. 1,939,843; Dec. 19.
- Darby, George M., Westport, Conn., and E. J. Maust, assignors, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Thickener. 1,938,894; Dec. 12.
- Darby, James K., assignor to W. H. Millsbaugh, Sandusky, Ohio. Paper making machinery. 1,931,062; Oct. 17.
- Darby, James K., Dayton, assignor to W. H. Millsbaugh, Sandusky, Ohio. Plant and apparatus for making paper. 1,939,337; Dec. 12.
- Darby, John, Westfield, and L. A. Thatcher, Belleville, assignors to Beauty Utilities, Inc., Newark, N. J. Base for permanent waving machine. Des. 90,971; Nov. 7.
- Darby, John, Westfield, and L. A. Thatcher, Belleville, assignors to Beauty Utilities, Inc., Newark, N. J. Base for a permanent waving machine. Des. 90,972; Nov. 7.
- Darby, Robert F. (See Hedgcock, W. C., and Darby.)
- Darby, Robert F., assignor to American Steel Foundries, Chicago, Ill. Grate. 1,999,945; Mar. 7.
- Darby, Samuel E., Trustee. (See Parker, Richard B., assignor.)
- Darbyshire, Leonard H., assignor to Norge Corporation, Detroit, Mich. Shelf clip. 1,938,217; Dec. 5.
- Darbyson, Walter, Montreal, Quebec, Canada. Airplane. Re18,882; June 27.
- Darbyson, Walter, Montreal, Quebec, Canada. Aeroplane. 1,931,753; Oct. 24.
- Darco Corporation. (See Brandt, Millard, assignor.)
- Darco Corporation. (See Davis, K. G., and Sanders, assignors.)
- Darco Corporation. (See Sanders, Marshall T., assignor.)
- Darco Sales Corporation. (See Herr, Edward H., assignor.)
- Dardelet Threadlock Corporation. (See Hoke, William E., assignor.)
- Dardelet Threadlock Corporation. (See Thomson, Alfred M., assignor.)
- Dardelet Threadlock Corporation. (See Thomson, Robert, assignor.)
- Dare, Samuel T., et al. (See Edwards, James H., assignor.)
- Dare, Samuel T., assignor of one-fourth to M. J. Phillips, one-fourth to J. H. Edwards, and one-fourth to J. C. Popham, New Westminster, British Columbia, Canada. Drink dispensing machine. 1,898,619; Feb. 21.
- Dargis, Christopher C., Atlantic City, N. J. Combination box for electro-pneumatic pipe organs. 1,901,552; Mar. 14.

- Darlenzo, Anthony, Amsterdam, N. Y., assignor to Bigelow-Sanford Co., Inc., Thompsonville, Conn. Filling stop motion for looms. 1,900,545; Mar. 7.
- Darlenzo, Frank, Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Weaving tuft pile fabrics. 1,923,030; Aug. 15.
- Darling, Alan G., Schenectady, N. Y., assignor to General Electric Company. Electrical regulator. 1,920,783; Aug. 1.
- Darling & Company. (See Lowry, Thomas K., assignor.)
- Darling, Elton R., Elgin, assignor to Mariner & Hoskins, Inc., Chicago, Ill. Deinking printed paper. 1,925,372; Sept. 5.
- Darling, Frank L., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal cap or closure for receptacles. 1,937,642; Dec. 5.
- Darling, L. A., Company. (See Sanzenbacher, Donald L., assignor.)
- Darling, Lewis A. (See Graham, H. J., and Darling.)
- Darling, Samuel, et al. (See Compton, Walter H., assignor.)
- Darling, Samuel M., Oak Park, Ill. Discardable dust bag for cleaners. 1,923,299; Aug. 22.
- Darlington, Harry J. (See Charman, W. M., and Darlington.)
- Darlington, Homer T., West Chester, Pa., assignor, by mesne assignments, to Oil Corporation of America. Apparatus for treating hydrocarbon and other gases and oils. 1,893,667; Jan. 10.
- Darlington, Homer T., West Chester, Pa., assignor, by mesne assignments, to Oil Corporation of America. Apparatus for treating hydrocarbons. 1,896,165; Feb. 7.
- Darlington, Homer T., West Chester, Pa., assignor, by mesne assignments, to Oil Corporation of America. Treating hydrocarbons. 1,896,166; Feb. 7.
- Darms, John M. G., Haverford Township, Delaware County, Pa. Gas keeper. 1,922,930; Aug. 15.
- Darnell Corporation, Ltd., The. (See Darnell, William R., assignor.)
- Darnell Corporation, Ltd., The. (See McGrath, Allen G., assignor.)
- Darnell, William R., assignor to The Darnell Corporation, Ltd., Long Beach, Calif. Adjustable wheel caster. 1,895,150; Jan. 24.
- Darnhofer, Egon, Vienna, Austria. Automatic graph reproducing device. 1,928,559; Sept. 26.
- Darqué, Etienne M., Clichy, France. Can opener. 1,921,911; Aug. 8.
- Darr, Milford L., Oakland, Calif. Rotary steam engine. 1,921,662; Aug. 8.
- Darrach, Bradford, jr., New York, assignor to Laminated Shim Co., Inc., Long Island City, N. Y. Shim. 1,933,050; Oct. 31.
- Darrab, Carl W., assignor to Harrison Radiator Corporation, Lockport, N. Y. Car heater. 1,923,355; Aug. 22.
- Darrab, Carl W., and J. R. Holmes, assignors to Harrison Radiator Corporation, Lockport, N. Y. Vehicle heater. 1,923,094; Sept. 26.
- Darrab, William A., Chicago, Ill. Surfacing board and article therefor. 1,892,873; Jan. 3.
- Darrab, William A., Chicago, Ill. Furnace equipment. 1,902,951; Mar. 28.
- Darrab, William A., Chicago, Ill. Treating and utilizing gases and equipment therefor. 1,906,447; May 2.
- Darrab, William A., Chicago, Ill. Making boards and apparatus therefor. 1,907,046; May 2.
- Darrab, William A., Chicago, Ill. Incinerating and equipment therefor. 1,929,880; Oct. 10.
- Darrab, William A., Chicago, Ill. Apparatus and process for heating fluids. 1,929,881; Oct. 10.
- Darroch, Gourley. (See Apple, Vincent G.)
- Darroch, Gourley, et al., executors. (See Apple, Vincent G.)
- Darroch, Gourley, et al., executors. (See Cotterman, Frederick W.)
- Darrow, Frank M., Stockton, Calif. Mechanical system for heating or cooling air. 1,906,370; May 2.
- Darrow, Marius S., St. Louis, Mo., and L. S. Sweeney, Granite City, Ill. Treating Petroleum oils. 1,903,094; Mar. 28.
- Darrow, William W. (See Tobin, K. J., and Darrow.)
- Darrow, Wirt E., Hollis, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 1,931,603; Oct. 24.
- Darsey, Van M., assignor to Metal Finishing Research Corporation, Detroit, Mich. Coating metal with zinc phosphate. 1,926,265; Sept. 12.
- Darsey, Van M., assignor to Metal Finishing Research Corporation, Morenci, Mich. Zinc phosphate material and making same. 1,926,266; Sept. 12.
- Dart, Robert H., Sacramento, Calif. Automobile jack. 1,918,591; July 18.
- Dartmouth College, Trustees of. (See Ames, A., jr., and Gliddon, assignors.)
- Darwin, Joseph A., East Orange, N. J., assignor to The Capehart Corporation, Ft. Wayne, Ind. Automatic record changing phonograph. 1,920,360; Aug. 1.
- Dasenbrook, John, and J. A. Cragan, Poughkeepsie, N. Y. Guard attachment for wringers. 1,911,812; May 30.
- Dasenbrook, Charles H., assignor to Thayer Action Company, Rockford, Ill. Piano action. 1,900,488; Mar. 7.
- Dashevsky, George J., Brooklyn, N. Y. Device for eliminating torsional vibration. 1,918,249; July 18.
- Dasher, Don E., Harrison Township, near Dayton, Montgomery County, assignor to Trupar Manufacturing Company, Dayton, Ohio. Air conditioning pedestal fan. Des. 90,062; June 6.
- Dasher, Don E., Harrison Township, near Dayton, Montgomery County, assignor to Trupar Manufacturing Company, Dayton, Ohio. Air conditioning ceiling fan. Des. 90,063; June 6.
- Dashner, Emery J., Belmont, assignor to J. H. MacAlman, Winchester, Mass. Pressure operated electric switch. 1,912,436; June 6.
- Dashner, Ralph L., Logansport, Ind. Switch. 1,912,068; May 30.
- Dashner, William W., assignor to R-B-M Manufacturing Co., Logansport, Ind. Circuit breaker. 1,899,675; Feb. 28.
- Da Silva, Augusto A., Whitman, Mass. Safety protector for oil burners. 1,897,303; Feb. 14.
- Dath, Charles E., assignor to W. H. Miner, Inc., Chicago, Ill. Door construction. 1,914,559; June 20.
- Dath, Charles E., assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 1,917,874; July 11.
- Dath, Charles E., assignor to W. H. Miner, Inc., Chicago, Ill. Door operating mechanism. 1,925,234; Sept. 5.
- Daub, Edward, assignor to Edna A. Sander, Los Angeles, Calif. True running table slide. 1,898,620; Feb. 21.
- Daub, Ernst, Dortmund, Germany. Heat exchanger. 1,936,293; Nov. 21.
- Daubenspeck, William J., assignor to The Ignition Manufacturing Company, Cleveland, Ohio. Air valve. 1,922,280; Aug. 15.
- Daubmeyer, Dewey C., Detroit, and W. H. Gross, Pleasant Ridge, Mich. Reel. 1,913,477; June 13.
- Daudt, Herbert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkyl halides. 1,920,246; Aug. 1.
- Daudt, Herbert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkyl halides. 1,920,846; Aug. 1.
- Daudt, Herbert W., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat transfer medium. 1,933,166; Oct. 31.
- Daue Surgical Appliance Corp. (See Findley, William M., assignor.)
- Dauer, Louis E., and R. B. North, assignors to Geo. H. Smith Steel Casting Company, Milwaukee, Wis. Trench roller. 1,906,547; May 2.
- Daugherty, Fount F., assignor of one-third to W. H. Scheer, St. Louis, Mo. Coin sorting machine. 1,895,975; Jan. 31.
- Daugherty, John, et al. (See Sprake, Edmund T., assignor.)
- Daughtry, William R., Birmingham, Ala. Sharpening device for safety razor blades. 1,920,847; Aug. 1.
- Daum, Carrie Orr, Bath Township, Summit County, assignor to Cleveland Wreath and Spray Company, Inc., Barberton, Ohio. Wreath structure. 1,920,551; Aug. 1.
- Daum, Charles, New York, N. Y. Food slicer. 1,910,380; May 23.
- Daum, Wilhelm, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Control arrangement for printing telegraph motors. 1,913,431; June 13.
- Dauman, Samuel S., New York, N. Y. Lighting unit or article of analogous nature. Re18,960; Oct. 3.
- Dauman, Samuel S., New York, N. Y. Lighting unit or article of analogous nature. Re90,134; June 13.
- Dauman, Samuel S., New York, N. Y. Indoor lighting fixture. 1,939,956; Dec. 19.
- Daumann, Karl W., assignor to the Firm C. H. F. Müller Aktiengesellschaft, Hamburg, Germany. Thermionic tube. 1,917,703; July 11.
- Dauphinee, George S., Brooklyn, N. Y., assignor to American Air Filter Co. Inc., Louisville, Ky. Apparatus for filtering air. 1,899,017; Feb. 28.
- Dauphinee, George S., Brooklyn, N. Y., assignor to American Air Filter Company, Louisville, Ky. Filter. 1,899,018; Feb. 28.
- Dausinger, F. (See Cohn, A., and Dausinger.)
- Dausman, Willard P., assignor to C. G. Conn, Ltd., Elkhart, Ind. Wind musical instrument. 1,938,321; Dec. 5.
- Daussa, Carlos E., New York, N. Y. Insulator. 1,896,576; Feb. 7.
- Daux, Gaston, Sevran, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure regulator. 1,901,900; Mar. 21.
- Daval Rubber Company. (See Kilcup, Ernest I., assignor.)
- Davenport, Edmund S. (See Bain, E. C., and Davenport.)
- Davenport, John L. (See Pasternack, R., Mead and Davenport.)
- Davenport Machine Tool Co., Inc. (See Davenport, William S., assignor.)
- Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Refrigerating apparatus. 1,896,612; Feb. 7.
- Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Motor-compressor unit. 1,925,556; Sept. 5.
- Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Refrigerating cabinet. 1,937,009; Nov. 28.

- Davenport, Robert E., Lakehurst, N. J. Governing prime movers. 1,936,566; Nov. 21.
- Davenport, Talmon A. (See Eksergian, C. L., and Davenport.)
- Davenport, Talmon A., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Metallic artillery wheel. Des. 90,807; July 18.
- Davenport, William S., assignor to Davenport Machine Tool Co., Inc., Rochester, N. Y. Automatic machine tool. 1,912,515; June 6.
- Davey, Francis A., et al. (See Leach, William W., assignor.)
- Davey, George T. (See Hopkins, R. Z., Fellers, and Davey.)
- Davey, George W., Mahwah, N. J. Furnace construction. 1,897,041; Feb. 14.
- Davey, James G. (See Leach, William W., assignor.)
- Davey, John, et al. (See Leach, William W., assignor.)
- Davey, Mason, Mapua, Nelson, New Zealand. Means for the support, protection and training of fruit and other trees. 1,895,753; Jan. 31.
- Davey, Paul H., Kent, Ohio. Motor driven pumping apparatus. 1,940,940; Dec. 26.
- David, Alexandre A., Montreal, Quebec, Canada. Agitating and disintegrating device. 1,916,192; July 4.
- David, Alfred. (See Murphy, Alice C., assignor.)
- David, Bruce W., Cleveland Heights, Ohio, assignor to The Moonbeam Manufacturing Company. Signal viewing attachment for automobiles. 1,902,322; Mar. 21.
- Davidsmeyer, Orville H., Downer's Grove, and V. M. Augustine, Chicago, Ill., assignors to American Telephone and Telegraph Company. Signaling system. 1,930,609; Oct. 17.
- Davidson, Albert P., Center Conway, N. H. Incubator. 1,930,966-7; Oct. 17.
- Davidson, Alfred, and A. Shepherdson, assignors to British Dyestuffs Corporation Limited, Blackley, Manchester, England. Manufacture of vat dyestuffs and of intermediate products relating thereto. 1,901,288; Mar. 14.
- Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Adjustable bottom for containers. 1,940,848; Dec. 26.
- Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Reclosable carton. 1,940,849; Dec. 26.
- Davidson, Carl N., and L. E. Steiner, Milwaukee, Wis., assignors, by mesne assignments, to Premier-Pabst Corporation. Apparatus for treating cheeses. 1,935,618; Nov. 21.
- Davidson, Charles A., Allentown, assignor of one-fourth to C. Kline, one-fourth to M. Davidson, and one-fourth to E. Lawrence, Shenandoah, Pa. Excavating apparatus. 1,929,397; Oct. 3.
- Davidson, Clarence M., assignor to Pan American Frozen Products, Inc., Miami, Fla. Quick freezing of food products. 1,939,109; Dec. 12.
- Davidson, Clinton, San Francisco, Calif. Carbureting device. 1,905,159; Apr. 25.
- Davidson, Elias E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making weather stripping. 1,939,878; Dec. 19.
- Davidson, Elias E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Window guide channel and making same. 1,939,879; Dec. 19.
- Davidson, Ellsworth L., assignor to Mandell Manufacturing Co., Chicago, Ill. Folding display stand. 1,935,223; Nov. 14.
- Davidson, Enamel Products, Inc. (See Jablin, Abraham A., assignor.)
- Davidson, Frederic A., Bayside, assignor to American Safety Device Co., New York, N. Y. Dirt chute. 1,898,343; Feb. 21.
- Davidson, Glenn. (See Ellertsen, L. W., Cone, Davidson, Laucks, and Banks.)
- Davidson, Harold R., Akron, Ohio. Cigarette dispenser and igniter. 1,917,952; July 11.
- Davidson, John M., Batavia, N. Y., assignor to The Massey-Harris Co., Racine, Wis. Chain drive device. 1,932,771; Oct. 31.
- Davidson, Joseph G., Yonkers, N. Y., assignor to Carbide & Carbon Chemical Corporation. Laminated glass. 1,929,352; Oct. 3.
- Davidson, Le Roy E., assignor to Visual Demonstration System, Inc., Buffalo, N. Y. Optical projection apparatus. 1,893,359; Jan. 3.
- Davidson, Louis, assignor to Mina Kauffman, Philadelphia, Pa. Boiler. 1,908,125; May 9.
- Davidson, Louis R., New York, N. Y. Pneumothorax apparatus. 1,916,658; July 4.
- Davidson Manufacturing Company. (See Davidson, William W., assignor.)
- Davidson, Meyer. (See Altman, David, assignor.)
- Davidson, Milton, et al. (See Davidson, Charles A., assignor.)
- Davidson, Walter C., North Canton, Ohio, assignor to The Hoover Company. Filtering material. 1,901,438; Mar. 14.
- Davidson, William D., assignor to Emeco Derrick & Equipment Company, Los Angeles, Calif. Kelly bushing. 1,899,946; Mar. 7.
- Davidson, William W., Evanston, Ill. Blank conveying apparatus. 1,930,510; Oct. 17.
- Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Company, Madison, Wis. Blank separating and feeding machine. 1,914,849; June 20.
- Davidson, William W., Evanston, assignor to Davidson Manufacturing Company, Chicago, Ill. Blank separating and conveying apparatus. 1,930,511; Oct. 17.
- Davie, Preston. (See Cammen, Leon, assignor.)
- Davies, Charles H., Philadelphia, Pa. Composition socket for artificial legs. 1,907,511; May 9.
- Davies, David R., Didsbury, England, assignor to General Electric Company. Electrical switch gear. 1,894,816; Jan. 17.
- Davies, Emyr C. (See Powell, A. R., and Davies.)
- Davies, Emyr Conwy. (See Powell, A. R., Davies, and Scott.)
- Davies, F. A., et al. (See McCarthy, Madison P., assignor.)
- Davies, Gilbert H., Ebbw Vale, Wales. Rotary coupling for steam and other pressure fluid supply circuits. 1,900,899; Mar. 14.
- Davies, Gwyn O. O., Cle Elum, Wash. Electric bell. 1,937,403; Nov. 28.
- Davies, Henry R., Valley Cottage, N. Y., assignor, by mesne assignments, to The Tillotson Manufacturing Company, Toledo, Ohio. Air cleaner. 1,925,373; Sept. 5.
- Davies, John S. H. (See Bunbury, H. M., Davies, and Naunton.)
- Davies, Leonard J., and H. de B. Knight, Rugby, England, assignors to General Electric Company. Gaseous electric discharge device. 1,935,697; Nov. 21.
- Davies, Maurice C., San Francisco, Calif. Noncorroding battery terminal. 1,938,010; Dec. 5.
- Davies, Norman A. (See Hele-Shaw, H. S., Beacham, and Davies.)
- Davies, Norman A., Radlett, England. Caster. 1,931,469; Oct. 17.
- Davio, Leon, West Springfield, Mass. Magazine binder. 1,918,592; July 18.
- Davis, Albert G., assignor to The Production Foundry Co., Columbiana, Ohio. Bat. 1,895,408; Jan. 24.
- Davis, Albert G., Newton Center, assignor to Gillette Safety Razor Company, Boston, Mass. Display device. 1,897,652; Feb. 14.
- Davis, Albert G., Elizabeth, N. J., assignor, by mesne assignments, to Gasoline Products Company, Inc., Wilmington, Del. Treating petroleum hydrocarbons. 1,922,528; Aug. 15.
- Davis, Albert L., Watertown, assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Pencil ferule. 1,920,680; Aug. 1.
- Davis, Albert L., Watertown, assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Powder can top. 1,940,979; Dec. 19.
- Davis, Alex B., Cincinnati, Ohio, assignor to Monsanto Chemical Works, St. Louis, Mo. Manufacture and purification of parantitriline. 1,903,030; Mar. 28.
- Davis, Alfred J., Minneapolis, Minn. Bottle-washing apparatus. 1,906,548; May 2.
- Davis, Alfred U., Baltimore, Md., assignor to Davis Instrument Manufacturing Company, Incorporated. Anemometer. 1,905,444; Apr. 25.
- Davis, Archibald H., jr., New Castle, and P. Winsborough, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,914,196; June 13.
- Davis, Archibald H., jr., New Castle, and P. Winsborough, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,914,197; June 13.
- Davis, Archibald H., jr., New Castle, and P. Winsborough, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,914,198; June 13.
- Davis, Archibald H., jr., New Castle, and P. Winsborough, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,914,199; June 13.
- Davis, Archibald H., jr., New Castle, and P. Winsborough, assignors to Shaw-Perkins Manufacturing Company, Pittsburgh, Pa. Radiator. 1,914,200; June 13.
- Davis, Archibald H., jr., Buffalo, assignor to National Aniline & Chemical Company Inc., New York, N. Y. Process and apparatus for carbonizing powdered coal. 1,937,552; Dec. 5.
- Davis, Arthur P., assignor to Bludworth, Inc., New York, N. Y. Remote control system. 1,922,759; Aug. 15.
- Davis, Artie L., and J. H. Hawkins, Rector, Ark. Mail box signal. 1,927,736; Sept. 19.
- Davis, Augustine, jr. (See Carroll, William M., assignor.)
- Davis, Augustine, jr. (See Haupt, Walter H., assignor.)
- Davis, Augustine, jr. (See Shield, P. S., and Haupt, assignors.)
- Davis, Augustine, jr., Cincinnati, Ohio. Hydraulically-operated tank valve. Re18,817; May 2.
- Davis, Augustine, jr., Cincinnati, Ohio. Truck tank. 1,935,044; Nov. 14.
- Davis, Benjamin F., Minneapolis, assignor of one-half to W. H. Riedel, St. Paul, Minn. Bottle capping apparatus. 1,931,433; Oct. 17.
- Davis, Benjamin F., Minneapolis, and W. H. Riedel, White Bear Lake, Minn. Bottle capping machine. 1,931,434; Oct. 17.
- Davis, Benjamin F., and W. H. Riedel, St. Paul, Minn. Bottle capping machine. 1,931,435; Oct. 17.
- Davis, Bernard H., Fullerton, Calif. Bridging block for wells. 1,904,275; Apr. 18.
- Davis, Calvin V. (See Burroughs, E. H., and Davis.)

- Davis, Carl J. H., Minneapolis, Minn. Shoe shining cabinet. 1,911,182; May 30.
- Davis, Cecil J., assignor to The Ohio Machine Tool Company, Kenton, Ohio. Metal working machinery. 1,936,383; Nov. 21.
- Davis, Cecil J., assignor to The Ohio Machine Tool Company, Kenton, Ohio. Metal working machinery. 1,936,384; Nov. 21.
- Davis, Charles H., Hawkins, Wis. Attachment for ladders. 1,900,636; Mar. 7.
- Davis, Charles H., jr., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,907,512; May 9.
- Davis, Charles H., jr., assignor to Delco Remy Corporation, Anderson, Ind. Ignition apparatus. 1,907,513; May 9.
- Davis, Charles H., jr., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,907,514; May 9.
- Davis, Charles H., jr., assignor to Delco-Remy Corporation, Anderson, Ind. Engine starting apparatus. 1,924,229; Aug. 29.
- Davis, Charles H., jr., deceased, Anderson, Ind., J. T. Fitzsimmons, administrator, assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,907,516; May 9.
- Davis, Charles H., jr., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,939,433; Dec. 12.
- Davis, Charles H., jr., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,939,439; Dec. 12.
- Davis, Charles H., jr., and H. L. Hartzell, assignors to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,907,515; May 9.
- Davis, Chester L., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Luminous energy control. 1,894,462; Jan. 17.
- Davis, Chester L., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Thermionic tube. 1,906,048; Apr. 25.
- Davis, Chester L., Keokuk, Iowa, assignor to Wired Radio, Inc., New York, N. Y. Television system. 1,896,167; Feb. 7.
- Davis, Chester L., Keokuk, Iowa, assignor to Wired Radio, Inc., New York, N. Y. System for reducing fading effects in broadcast receivers. 1,938,067; Dec. 5.
- Davis, Chester R., Alameda, Calif. Bell striker. 1,940,206; Dec. 19.
- Davis, Clarence R., assignor to Davis Tool & Engineering Company, Detroit, Mich. Automobile license plate holder. 1,903,258; Mar. 28.
- Davis, Clarence S., South Braintree, Mass. Ticket punch. 1,939,669; Dec. 19.
- Davis, Clark W., Swarthmore, Pa., S. L. Handforth, and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentrating nitric acid. 1,922,278; Aug. 15.
- Davis, Clarke F., Short Hills, N. J. Metal edged gypsum lumber. 1,900,805; Mar. 7.
- Davis, Clarke F., Westfield, and E. R. Saunders, Cranford, assignors to Structural Gypsum Corporation, Linden, N. J. Building construction and hanger used therein. 1,896,290; Feb. 7.
- Davis, Clarke F., and J. G. Prush, Westfield, assignors to Structural Gypsum Corporation, Linden, N. J. Composite slab structure. 1,921,235; Aug. 8.
- Davis, Cortland W. (See Engh, W. B., and Davis.)
- Davis, Cortland W., Oak Park, assignor to The Mantle Lamp Company of America, Chicago, Ill. Mantle support. 1,906,316; May 2.
- Davis, Cortland W., Oak Park, and F. F. Becker, assignors to The Mantle Lamp Company of America, Chicago, Ill. Process of and machine for working glass. 1,906,315; May 2.
- Davis, Dean W., Pendleton, assignor to Joseph H. Staley, Columbus, Ind. Mercury tube switch. 1,905,813; Apr. 25.
- Davis, Delancey W. (See Stern, C., Davis, and Gillespie.)
- Davis, Delancey W., Wilkes-Barre, Pa. Rail and flange roller. 1,896,702; Feb. 7.
- Davis, De Lancey W., Sayre, and J. P. Laux, Bethlehem, Pa. Lubricated bearing liner or brass. 1,915,409; June 27.
- Davis, De Lancey W., Hazleton, and J. P. Laux, Bethlehem, Pa. Lubricated bearing liner or brass. 1,935,114; Nov. 14.
- Davis, Durrel H., assignor to Highway Trailer Company, Edgerton, Wis. Fifth wheel construction for tractors and semitrailers. 1,892,797; Jan. 3.
- Davis, Edith A. (See Wegner, Walter E., assignor.)
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Safety pin package and method. 1,911,144; May 23.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Washboard. 1,934,295; Nov. 7.
- Davis, Edwin R., near Seattle, Wash. Buoyant decoy. 1,933,844; Nov. 7.
- Davis, Ellis W. (See Hollingsworth, F. E., and Davis.)
- Davis, Elmer M., Chicago, Ill., assignor, by mesne assignments, to Industrial Patents Corporation. Shipping butter and the like. 1,909,098; May 16.
- Davis, Elmer M., assignor to Swift and Company, Chicago, Ill. Neutralizing butter fat. 1,919,502; July 25.
- Davis, Elmer W., Newton, Mass., assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Follow block. 1,911,554; May 30.
- Davis Emergency Equipment Company. (See Jenness, Leslie G., assignor.)
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Washing apparatus. 1,893,199; Jan. 3.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 1,894,929; Jan. 17.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine. 1,897,241; Feb. 14.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Press with pinion leverage. 1,898,293; Feb. 21.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Ironing press and workholder. 1,899,891; Feb. 28.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 1,902,018; Mar. 21.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Shirt pressing machine with laterally movable head. 1,904,858; Apr. 18.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Automatic pressure adjusting means. 1,907,146; May 2.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Actuating mechanism. 1,910,826; May 23.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Air flow with automatic pressure regulation. 1,917,362; July 11.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Two-operator two-hand control. 1,919,776; July 25.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Pressing machine control lock. 1,923,530; Aug. 22.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Control for power mechanism. 1,929,484; Oct. 10.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Power neck band clamp. 1,934,172; Nov. 7.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 1,936,751; Nov. 28.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 1,939,000; Dec. 12.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Laundry pressing and drying machines. 1,939,043; Dec. 12.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 1,940,641; Dec. 19.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Automatic double buck press. 1,940,642; Dec. 19.
- Davis, Ernest, assignor to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 1,941,201; Dec. 26.
- Davis, Ernest, and A. Kagi, assignors to The Prosperity Company Inc., Syracuse, N. Y. Valve for steaming devices for pressing machines. 1,925,794; Sept. 5.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating system. 1,898,003; Feb. 21.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricant spraying apparatus. 1,899,262; Feb. 28.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,929,774; Oct. 10.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,935,873; Nov. 21.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,935,874; Nov. 21.
- Davis, Ernest W., Oak Park, assignor to Alemite Corporation, Chicago, Ill. Dispensing apparatus. 1,938,174; Dec. 5.
- Davis, Ervy I., and C. E. Pearson, St. Paul, Minn.; said Pearson assignor to said Davis. Automatic heat regulator. 1,940,119; Dec. 19.
- Davis, Eugene H., and W. F. Johnston, Philadelphia, assignors of one-fourth to N. Walker, Somerton, Pa., and one-fourth to J. H. Thompson, Trenton, N. J. Oil pump. 1,904,653; Apr. 18.
- Davis, Eugene H. and W. F. Johnston, Philadelphia, assignors of one-fourth to N. Walker, Somerton, Pa., and one-fourth to J. H. Thompson, Trenton, N. J. Oil pump. 1,909,046; May 16.
- Davis, Francis W., Waltham, Mass. Power steering mechanism. 1,937,470; Nov. 28.
- Davis, Francis W., Waltham, Mass. Power steering gear. 1,937,485; Nov. 28.
- Davis, Frank L., jr., Kenilworth, assignor to The Watson-Stillman Co., Roselle, N. J. Lead extrusion apparatus. 1,904,419; Apr. 18.
- Davis, Frank S., Flossmoor, and H. D. Woodier, assignors to Austin Manufacturing Co., Harvey, Ill. Worm-drive road roller. 1,926,667; Sept. 12.
- Davis, Fred, Saucus, Mass., assignor to General Electric Company. Welded pressure vessel. 1,896,863; Feb. 7.

- Davis, Fred, Saugus, Mass., assignor to General Electric Company. Arc welding apparatus. 1,915,981; June 27.
- Davis & Furber Machine Company. (See Burhenne, Henri, assignor.)
- Davis, Garland H. B., Baton Rouge, La., assignor to Standard Oil Development Company. Lubricating oil and making the same. 1,917,875; July 11.
- Davis, Garland H. B., assignor to Standard Oil Development Company, Baton Rouge, La. Improvement of lubricating oils. 1,934,043; Nov. 7.
- Davis, George E., San Francisco, Calif. Dual rotary kitchen cabinet. 1,929,677; Oct. 10.
- Davis, George H., Newark, N. J. Apparatus for cleaning air and conditioning fuel mixtures. 1,929,017; Oct. 3.
- Davis, George P., assignor of twenty-seven per cent to A. C. Mercier, Hattiesburg, Miss. Window alarm switch. 1,928,247; Sept. 26.
- Davis, George W., Gibson City, assignor of one-half to E. E. Willett, Bloomington, Ill. Washer, spinner, and drier. 1,935,145; Nov. 14.
- Davis, Goodman R., Jr., New York, N. Y. Flower holder. 1,895,609; Jan. 31.
- Davis, Griffith S., Los Angeles, Calif. Punching bag hanger. 1,911,065; May 23.
- Davis, Harlow M., Buffalo, N. Y. Merchandise display rack. Des. 88,950; Jan. 10.
- Davis, Harold G., Denver, Colo. Dishwasher. 1,919,541; July 25.
- Davis, Harold G., Denver, Colo. Impeller for dishwashing machines and the like. 1,934,970; Nov. 14.
- Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Shuttle tension. 1,897,420; Feb. 14.
- Davis, Harry C., Pittsburgh, Pa. Dog leash. 1,924,596; Aug. 29.
- Davis, Henry K. B., Stamford, Conn., assignor of one-half to W. H. Booth, New York, N. Y. Golf ball and making. 1,907,047; May 2.
- Davis, Henry K. B., Holyoke, Mass., assignor to Mavis Machine Corporation, New York, N. Y. Golf club. 1,927,083; Sept. 19.
- Davis Instrument Manufacturing Company, Incorporated. (See Davis, Alfred U., assignor.)
- Davis, Ira M. (See Falk, E. H., and Davis.)
- Davis, James H., assignor to Moraine Products Company, Dayton, Ohio. Making bushings from strip metal. 1,924,230; Aug. 29.
- Davis, Jesse H., Baltimore, Md. Window operating device. 1,909,814; May 16.
- Davis, Jesse H., Baltimore, Md., and S. M. Anderson, Sharon, assignors to B. F. Sturtevant Company, Boston, Mass. Air conditioning method and apparatus. 1,932,513; Oct. 31.
- Davis, John A., Lomita, assignor of one-fourth to F. J. Smallwood and one-fourth to G. Adams, Oakland, and one-fourth to T. Davis, Berkeley, Calif. Internal combustion engine. 1,940,788; Dec. 26.
- Davis, John C., Bowling Green, Ky. Absorbent container. 1,917,953; July 11.
- Davis, John W., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Catalytic process. 1,911,353; May 30.
- Davis, Kenneth, Edensburg, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 1,923,917; Aug. 22.
- Davis, Lawrence, Walpole, Mass. Label. 1,901,495; Mar. 14.
- Davis, Leonard H., Washington, D. C. Ice shield. 1,897,304; Feb. 14.
- Davis, Lewis H., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,924,231; Aug. 29.
- Davis, Lloyd L., A. Henriksen, and J. J. Allison, assignors to Continental Oil Company, Ponca City, Okla. Removal of impurities from crude petroleum. 1,901,228; Mar. 14.
- Davis, Lloyd L., and G. L. Atkinson, assignors to Continental Oil Company, Ponca City, Okla. Treating lubricating oil stocks. 1,927,823; Sept. 26.
- Davis, Manley W., Montreal, Quebec, Canada, and W. C. Johnson, Newark, N. J. Pressure vessel lining. 1,911,608; May 30.
- Davis, Maurice E., Grand Rapids, Mich., assignor of seventy one-hundredths to H. E. Moyses, New York, N. Y., and thirty one-hundredths to A. J. Warsaw, Grand Rapids, Mich. Apparatus for coating material. 1,908,963; May 16.
- Davis, Paul W., and J. M. Booth, Kansas City, Mo. Package holder. 1,899,795; Feb. 28.
- Davis, Philip W., Cambridge, Mass. Refining lead. Re18,930; Aug. 29.
- Davis, Philip W., Cambridge, Mass. Method and apparatus for refining lead. 1,938,582; Dec. 12.
- Davis, Putnam, New York, N. Y. Surface finishing articles made of hydraulic cement mixtures. 1,920,065; July 25.
- Davis, Raymond G., and M. T. Sanders, assignors to Darco Corporation, Wilmington, Del. Process of and apparatus for making activated carbon. 1,923,918; Aug. 22.
- Davis, Raymond H., La Crosse, Wis., dedicated to the free use of the public. Moisture and soil conserving cultivator. 1,907,251; May 2.
- Davis, Raymond S., and W. L. Beauchamp, Indianapolis, Ind., assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Pipe clamp. 1,916,968; July 4.
- Davis, Richard F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,941,251; Dec. 26.
- Davis, Robert E., Fort Payne, Ala. Combination sock and ankle. 1,906,137; Apr. 25.
- Davis, Robert H., London, England. Submarine escape apparatus. 1,899,855; Feb. 28.
- Davis, Robert L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wave transmission system. 1,934,525; Nov. 7.
- Davis, Samuel M., Bellwood, Pa. Window shade and curtain fixture. 1,926,267; Sept. 12.
- Davis, Sidney H., and C. O. Anderson, Baxter Springs, Kans., W. N. Smith, Platteville, Wis., and H. R. Hanley, Rolla, Mo., assignors to The Century Zinc Company. Zinc coated article. 1,902,621; Mar. 21.
- Davis Standard Bread Company. (See Smith, Newell N., assignor.)
- Davis, Thomas A., Windsor, Ontario, Canada. Safety device for heavier-than-air machines. 1,928,560; Sept. 26.
- Davis, Thomas E., Arlington, Mass. Milk and cream dispenser. 1,893,884; Jan. 10.
- Davis, Thomas H., et al. (See Burford, James C., assignor.)
- Davis, Thomas McL., Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Transformer system. 1,907,400; May 2.
- Davis Tool & Engineering Company. (See Davis, Clarence R., assignor.)
- Davis, Tray, et al. (See Davis, John A., assignor.)
- Davis, W. B., & Son. (See Sherlin, Edward C., assignor.)
- Davis, Walter F., Farmingdale, N. Y. Engine. 1,936,350; Nov. 21.
- Davis, Walter F., Farmingdale, N. Y. Cooling system for aeronautical engines. 1,938,537; Dec. 5.
- Davis, Walter K., assignor of one-half to R. J. Pollasch, Chicago, Ill. Toothbrush. 1,908,509; May 9.
- Davis, Walter W., et al. (See Joiner, Sylvester L., assignor.)
- Davis, William C. (See Rossiter, E. C., and Davis.)
- Davis, William C., Los Angeles, Calif. Razor strop. 1,935,080; Nov. 14.
- Davis, William C., and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Wall or ceiling construction. 1,896,769; Feb. 7.
- Davis, William E., Evart, Mich. Spark plug. 1,912,516; June 6.
- Davis, William H. H. (See D'Orleans, Robert, assignor.)
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Casing for a hair waving machine. Des. 89,840; May 9.
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Hair-waving machine. 1,931,253; Oct. 17.
- Davis, William H. H., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving method. 1,936,662; Nov. 28.
- Davis, William T., Huntington Park, Calif. Decarbonizing oil refining apparatus. 1,901,803; Mar. 14.
- Davis, William T., Southgate, and C. E. Rhein, San Francisco, Calif., assignors to The Linde Air Products Company. Removing carbon from tubes. 1,901,804; Mar. 14.
- Davison, Arthur W., Jamestown, N. Y. Edible receptacle. Des. 88,951; Jan. 10.
- Davison Chemical Company, The. (See Miller, E. B., and Connolly, assignors.)
- Davison, Goliat, assignor of one-third to J. Speroulas and one-third to G. Abatgis, St. Louis, Mo. Hanger for fur scarfs and the like. 1,902,622; Mar. 21.
- Davison, Gregory C., Huntington, W. Va. Artillery. 1,934,700; Nov. 14.
- Davison, James W., Whitefield, G. W. Higgs-Walker, Kingswinford, near Dudley, and E. M. Johnson, Brooklands, England, assignors to General Electric Company. Power system more particularly for marine propulsion. 1,934,487; Nov. 7.
- Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Bathroom unit. Des. 90,837; Oct. 10.
- Davison, Delos W., and F. G. Welke, assignors to Shell Development Company, San Francisco, Calif. Process and apparatus for refrigeration with liquefied fuel gas. 1,905,971; Apr. 25.
- Davol Rubber Company. (See Clemens, John A., assignor.)
- Davol Rubber Company. (See Little, Jesse, assignor.)
- Davol Rubber Co. (See Raiche, Paul A., assignor.)
- Davoran, Michael F., assignor to The Crane & Breed Casket Company, Cincinnati, Ohio. Hinge. 1,934,635; Nov. 7.
- Davy, Arthur E., assignor to Hamilton-Wade Company, Brockton, Mass. Stay strip. 1,936,082; Nov. 21.
- Davy, Christopher H., London, England, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,922,662; Aug. 15.
- Davy, Joseph W. (See Meck, Edgar N., assignor.)
- Daw, Albert W., London, England. Rotary internal-combustion engine. 1,928,994; Oct. 3.
- Dawkins, Don G., Huntington Park, Calif. Removable chill ring. 1,901,634; Mar. 14.

- Dawn Motors, Ltd. (See Bowman, Lee M., assignor.)
- Dawson, Albert J., Sewickley, and A. C. Leight, Bellevue, Pa., assignors to The Dravo Contracting Company. Dump scow. 1,941,290; Dec. 26.
- Dawson, Clarence L., Los Angeles, Calif. Coin savings bank. 1,908,126; May 9.
- Dawson, Edwin S. (See Randolph, A., and Dawson.)
- Dawson, Elma N. (See Dawson, James C., assignor.)
- Dawson, Emmett R. (See Pierson, L. B., Dawson, and Coulter.)
- Dawson, George H., Cambridge, Mass., assignor to Wilson-Jones Company, Chicago, Ill. Card holding tray. 1,914,685; June 20.
- Dawson, George H., Cambridge, Mass., E. A. Dunn, Plainfield, N. J., and A. M. Nickerson, jr., Wollaston, assignors to Service Bureau, Inc., Cambridge, Mass. Index. 1,895,651; Jan. 31.
- Dawson, George L., Alton, assignor to Western Cartridge Company, East Alton, Ill. Process and apparatus for electroplating projectiles. 1,916,465; July 4.
- Dawson, James, & Son, Limited. (See Dawson, James, jr., assignor.)
- Dawson, James, jr., assignor to James Dawson & Son Limited, Lincoln, England. Belting suitable for driving machines. 1,929,839; Oct. 10.
- Dawson, James C., Webster Groves, Mo. Loose leaf binder. 1,900,431; Mar. 7.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. Re18,806; Apr. 25.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Ring bookbinder. 1,894,734; Jan. 17.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Check bookbinder. 1,894,735; Jan. 17.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder bar. 1,894,736; Jan. 17.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. 1,896,838; Feb. 7.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. 1,896,839; Feb. 7.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. 1,896,840; Feb. 7.
- Dawson, James C., assignor to Elma N. Dawson, Webster Groves, Mo. Loose leaf binder. 1,897,001; Feb. 7.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder. 1,900,334; Mar. 7.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf post binder. 1,910,324; May 23.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Catalogue binder. 1,913,152; June 6.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose leaf binder mechanism. 1,913,700; June 13.
- Dawson, James C., assignor to Elma N. Dawson, Webster Groves, Mo. Loose leaf binder mechanism. 1,913,701; June 13.
- Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose-leaf binder. 1,927,113; Sept. 19.
- Dawson, James F., Galveston, Tex., assignor to Triple "XXX" Company. Mixing faucet. 1,894,903; Jan. 17.
- Dawson, James F., Galveston, Tex., assignor to Triple "XXX" Company. Carbonating mixing valve. 1,915,718; June 27.
- Dawson, John W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,928,812; Oct. 3.
- Dawson, John W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reciprocating motor. 1,932,033; Oct. 24.
- Dawson, Joseph W. (See Herold, J. L., and Dawson.)
- Dawson, Leo H., Washington, D. C., assignor to the United States Patent Office. Lamp for producing ultra-violet radiation. 1,922,281; Aug. 15.
- Dawson, Leo H., Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Geometrical instrument. 1,921,508; Aug. 8.
- Dawson, Oliver H. (See Edmonds, W. J., and Dawson.)
- Dawson, Thomas C., Bethlehem, Pa., assignor to Bethlehem Steel Company. Welding electrode and producing same. 1,916,206; July 4.
- Dawson, Wilfrid L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuits for photo-electric cells. 1,894,023; Jan. 10.
- Day, A. F., Construction Company. (See Day, Andrew F., assignor.)
- Day, Albert M., East Falls Church, Va., dedicated to the free use of the public. Attachment for traps. 1,940,296; Dec. 19.
- Day, Albert R. (See Regan, G. P., and Day.)
- Day, Andrew F., assignor to A. F. Day Construction Company, Dallas, Tex. Guide for cutting torches. 1,922,529; Aug. 15.
- Day-Erite Reflector Company. (See Biller, David J., assignor.)
- Day-Erite Reflector Company. (See Klingsick, Oswald W., assignor.)
- Day, Charles I. (See Ezy, W. L., Day, and Smart.)
- Day, Charles M. (See McClellan, L. N., Kinzie, Savage, and Day.)
- Day, Charles T., Bradley Beach, N. J. Automatic railway crossing gate. 1,899,496; Feb. 28.
- Day, Clayton L., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Seal for floating roofs. 1,932,398; Oct. 31.
- Day, David E., Los Angeles, Calif. Purifying naphtha stocks. 1,902,221; Mar. 21.
- Day, Dewey D. (See Skinner, L. A., and Day.)
- Day, Fred J., Los Angeles, Calif. Air conditioning means. Re18,755; Feb. 28.
- Day, Fred J., Los Angeles. Precooling refrigerator cars. 1,939,957; Dec. 19.
- Day, George C., West Kennebunk, Me. Game apparatus. 1,926,612; Sept. 12.
- Day, George J., Buffalo, N. Y. Oven thermometers. 1,900,696; Mar. 7.
- Day, Howard D., Providence, R. I., assignor to Roterkleen Manufacturing Company. Golf ball cleaning device. 1,939,880; Dec. 19.
- Day, Howard W., Monessen, Pa. Swimming pool. 1,925,175; Sept. 5.
- Day, J. H. Company, The. (See Kirchhoff, William G., assignor.)
- Day, J. H., Company, The. (See Schiff, Sigmund, assignor.)
- Day, Levi, and W. van Ee, Long Beach, Calif. Tubing cutter. 1,902,355; Mar. 21.
- Day & Night Water Heater Company. (See Berry, W. M., and Wood, assignors.)
- Day, Robert M., assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Rubber bonded asbestos and making. 1,898,985; Feb. 21.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,920,247; Aug. 1.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Refining gasoline-containing distillates. 1,920,248; Aug. 1.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of synthetic resins. 1,933,714; Nov. 7.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of synthetic resins from unsaturated hydrocarbons. 1,933,716; Nov. 7.
- Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 1,937,873; Dec. 5.
- Day, Salisbury M., assignor to General Railway Signal Company, Rochester, N. Y. Flashing light signal. 1,902,799; Mar. 21.
- Day, Wilburn L. (See Behrend, R. H., and Day.)
- Dayenoff, Julio. (See Roskin, M., and Dayenoff.)
- Daynes, Harold A., Cambridge, England. Gas measuring process and apparatus. 1,922,666; Aug. 15.
- Dayton Air Compressor Company, The. (See Gurley, John W., assignor.)
- Dayton, Edmond O., Hillsdale, N. J. Padded ironing and pressing appliance. 1,926,803; Sept. 12.
- Dayton, Edwin R., Asbland, and W. H. Rudolph, Brookline, Mass. Lubricating apparatus. 1,921,118; Aug. 8.
- Dayton Malleable Iron Company, The. (See Langenheilm, Albert H., assignor.)
- Dayton Malleable Iron Company, The. (See Runyan, William B., assignor.)
- Dayton, Oliver J. (See Dayton, Robert P. and O. J.)
- Dayton Paper Novelty Company, The. (See Neumann, Theodore L., assignor.)
- Dayton Pump and Manufacturing Company, The. (See Wolfe, Harley H., assignor.)
- Dayton, Robert P., Ridgeley, and O. J. Dayton, Keyser, W. Va., said Oliver J. Dayton assignor to Land Y Plumbing Co., Pinto, Md. Surgical appliance. 1,940,904; Dec. 26.
- Dayton Roderwald Company, The. (See Roderwald, Rudolf, assignor.)
- Dayton Rubber Manufacturing Company, The. (See Toulmin, Harry A., jr., assignor.)
- Dayton Scale Company. (See Breaden, Carroll E., assignor.)
- Dayton Scale Company. (See Bryce, James W., assignor.)
- Dayton Scale Company. (See Ford, Eugene A., assignor.)
- Dayton Scale Company. (See Fuller, Frederick L., assignor.)
- Dayton Scale Company. (See Gilbert, William N., assignor.)
- Dayton Scale Company. (See Gumprich, William, assignor.)
- Dayton Scale Company. (See Gumprich, W., and Good, assignors.)
- Dayton Scale Company. (See Haskins, Clifford B., assignor.)
- Dayton Scale Company. (See Hopkinson, J., and Kaun, assignors.)
- Dayton Scale Company. (See Reussenzehn, Ernst A., assignor.)
- Dayton Scale Company. (See Schumaker, Leo J., assignor.)
- Dayton Scale Company. (See Smithers, LeRoy S., assignor.)
- Dayton Scale Company. (See Strachan, Thomas H., assignor.)
- Dayton Scale Company. (See Templeton, Samuel M., assignor.)
- Dayton Scale Company. (See Von Pein, E. J., and Shwalter, assignors.)
- Dayton Scale Company. (See Wiley, Raymond D., assignor.)
- Dayton Steel Foundry Company. (See Baker, Harry C., assignor.)
- Dayton Steel Foundry Company, The. (See Walther, George, assignor.)

- Dayton Synthetic Chemicals, Incorporated. (See Thomas, Charles A., assignor.)
- Dayton Toy & Specialty Company, The. (See Blackmore, Charles C., assignor.)
- Dayton Veneer & Lumber Mills. (See James, Oliver M., assignor.)
- Dayton Veneer & Lumber Mills. (See James, Theophilus L., assignor.)
- Dayton Veneer and Lumber Mills. (See Morgan, Walter E., assignor.)
- Dazley, William, Fairfield, assignor to W. F. Smith and C. F. Schmelz, Bridgeport, Conn. Shade roller. 1,920,937; Aug. 1.
- Dazzo, Jerry H., New York, N. Y. Awning outrigging. 1,903,289; Apr. 4.
- Deacon, William T., Richmond Heights, assignor to Metal-foils, Incorporated, St. Louis, Mo. Metal sheathed roof. 1,908,127; May 9.
- Deacon, William T., Richmond Heights, and H. F. Perkins, Clayton, assignors to Metalfoils, Incorporated, St. Louis, Mo. Machine for applying foils to surfaces. 1,912,127; May 30.
- Deacon, William T., Richmond Heights, and H. F. Perkins, Clayton, assignors to Metalfoils, Incorporated, St. Louis, Mo. Machine for lock-seaming sheet metal. 1,912,128; May 30.
- Deagan, J. C., Inc. (See Musser, Clair O., assignor.)
- Deakin, Gerald, New York, N. Y., and L. J. J. Schreiber, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Selector switch suitable for use in telephone systems. 1,900,917; Mar. 14.
- Deal, James A., Marion, Ohio. Hot air distributing apparatus for automobiles. 1,911,438; May 30.
- Deamer, Pierce H., Bergenfield, N. J., and J. Landolt, New York, N. Y. Double deck spring. 1,926,085; Sept. 12.
- Dean, Allan I., Yeadon, assignor to Good Roads Company, Inc., Upper Darby, Pa. Spreading apparatus. 1,919,619; July 25.
- Dean Brothers Co. (See Dean, Stuart, assignor.)
- Dean, Charles A., Bakersfield, Calif. Core drill. 1,896,703; Feb. 7.
- Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heat recovery. 1,894,758; Jan. 17.
- Dean, Ernest P., assignor to Boeing Airplane Company, Seattle, Wash. Hollow rivet setting tool. 1,920,362; Aug. 1.
- Dean, Ernest P., assignor to Boeing Airplane Company, Seattle, Wash. Riveting hollow bodies. 1,935,081; Nov. 14.
- Dean, George E., assignor to C. G. Willett, Grand Rapids, Mich. Road grader. 1,906,549; May 2.
- Dean, George E., assignor to C. G. Willett, Grand Rapids, Mich. Hydraulic lift for scraper blades. 1,909,854; May 16.
- Dean, George E., assignor to Charles G. Willett, Grand Rapids, Mich. Hydraulic scraper. 1,921,221; Aug. 8.
- Dean, George E., assignor to C. G. Willett, Grand Rapids, Mich. Road scraper. 1,925,306; Sept. 5.
- Dean, George E., Walker Township, Kent County, and C. G. Willett, Grand Rapids, Mich.; said Dean assignor to said Willett. Hydraulic pump structure. 1,937,471; Nov. 28.
- Dean, George H., Norwood, R. I. Building construction. 1,934,260; Nov. 7.
- Dean, I. R. (See Roberts, R. P., Dean, and Gregory.)
- Dean, James L., Crystal City, Mo. Bakery product holder. 1,925,176; Sept. 5.
- Dean, James W. and J. H., assignors to Knoxville Fertilizer Co., Knoxville, Tenn. Based ammonium sulphate fertilizer and making the same. 1,918,454; July 18.
- Dean, James W. and J. H., assignors to Knoxville Fertilizer Co., Knoxville, Tenn. Basic phosphate fertilizer and making the same. 1,918,900; July 18.
- Dean, John, San Francisco, Calif. Machine for producing wall board. 1,908,658; May 9.
- Dean, John, assignor to John Oster Manufacturing Company, Racine, Wis. Hair clipper. 1,914,243; June 13.
- Dean, John H. (See Dean, James W. and J. H.)
- Dean, John N. (See Smith, W. S., Garnett, and Dean.)
- Dean, Oscar M., Sioux City, Iowa. Cutting fur. 1,895,025; Jan. 24.
- Dean, Reginald S., Washington, D. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Ferrous alloy. 1,904,859; Apr. 18.
- Dean, Robert A. (See Bechtel, W. D., and Dean.)
- Dean, Stuart, assignor to Dean Brothers Co., Indianapolis, Ind. Pump construction. 1,900,228; Mar. 7.
- Dean, Stuart, assignor to Dean Brothers Co., Indianapolis, Ind. Pump mechanism. 1,920,363; Aug. 1.
- Dean, Thomas I., Buffalo, N. Y. Aerial eliminator. Des. 90,973; Nov. 7.
- Dean, Walter A. (See Kempf, L. W., and Dean.)
- Dean, Walter A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum base alloy containing copper, nickel, and silicon. 1,920,249; Aug. 1.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,838; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,839; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,840; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,841; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,842; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,843; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,844; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,845; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,846; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,847; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,848; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,849; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,850; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,851; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,852; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,853; Oct. 31.
- Dean, Walter A., and L. W. Kempf, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,873; Oct. 31.
- Dean, Walter C., Chevy Chase, Md. Automatic engine control for ships. 1,927,923; Sept. 26.
- Dean, Wilbur J., Kansas City, Mo. Bead forming machine. 1,899,947; Mar. 7.
- Dean, William M., Oyster Bay, N. Y. Ice-cream dipper. 1,923,257; Aug. 22.
- De Andia Yrarrázaval, Jean G., Paris, France. Reloading device. 1,926,613; Sept. 12.
- Deane, Francis, Followfield, England. Reproducing sound from photographic records. 1,907,748; May 9.
- Deane, George A., Catskill, N. Y. Joint clearer. 1,899,231; Feb. 28.
- Deane, Gerard C., Yonkers, N. Y. Combined spool and container. 1,899,796; Feb. 28.
- Deane, John P. (See Griffin, J. T., Deane, and Cureton.)
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Separation of olefines from paraffin hydrocarbons. 1,893,733; Jan. 10.
- Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of alkyl hypophalites. 1,938,175; Dec. 5.
- De Angelis, Frederick, West Orange, N. J., assignor to Metal Textile Corporation. Knitted metallic fabric. 1,905,160; Apr. 25.
- Deans, William, Ridgewood, assignor to Sundh Electric Company, Newark, N. J. Electric switch. 1,897,467; Feb. 14.
- Dearborn, Frank W., assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Gasket-attaching means. 1,920,635; Aug. 1.
- Deardorff, Ralph W., Seattle, Wash., assignor to American Telephone and Telegraph Company. Pilot channel indicating system. 1,895,542; Jan. 31.
- Dearing, Melville C., Palatine, assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Permanently neutral formaldehyde and producing same. 1,925,795; Sept. 5.
- Dearr, Thomas H. (See Brett, Edward L., assignor.)
- Dearsley, George. (See Molins, W. E., Ruau, Dearsley, and Chichester.)
- De Asis, Paul, Burbank, Calif. Dishwashing machine. 1,903,780; Apr. 18.
- Deatherage, George E., Boston, Mass. Window box frame. 1,898,082; Feb. 21.
- Deaton, G. H., & Company. (See Kennedy, Martin F., assignor.)
- Deaver, Cyril M., Terre Haute, Ind. Wire splice. 1,936,869; Nov. 28.
- De Back, William, assignor to Food Machinery Corporation, San Jose, Calif. Clean-out mechanism. 1,906,049; Apr. 25.
- De Back, William, assignor to Food Machinery Corporation, San Jose, Calif. Belt tightening apparatus for fruit sizing machines. 1,914,633; June 20.
- De Bataafsche Petroleum Maatschappij. (See Waterman, Hein I., assignor.)

- De Bats, Jean H. L., East Orange, N. J. Centrifugally cast product. 1,939,768; Dec. 19.
- Debauche, Hubert, Couillet, Belgium. Distillation of lignite. 1,912,974; June 6.
- De Baufre, William L. (See Zouck, G. H., De Baufre.)
- De Beaumarchais, Charles, assignor to Le Matériel Electrique S. W., Paris, France. Recording apparatus. 1,904,719; Apr. 18.
- De Bell, George W., Farmingdale, assignor to the Aviation Patent and Research Corporation, New York, N. Y. Retractable landing gear. 1,894,582; Jan. 17.
- De Bergue's Patents Limited. (See Jackson, Arthur N., assignor.)
- De Beukelaer, Frank L. (See Christopher, E. F., and De Beukelaer.)
- De Biasi, Alfred J., Richmond, Va. Combined holder for pan covers and other culinary articles. 1,928,995; Oct. 3.
- De Bie, Naomi L., Newton Center, Mass. Dishwashing apparatus. 1,908,128; May 9.
- De Boer, Jan H., Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube for the emission of rays. 1,935,699; Nov. 21.
- De Boer, Jan H., W. C. Van Geel, and H. Emmens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Dry rectifier. 1,904,276; Apr. 18.
- De Boer, Jan Hendrik and M. C. Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America. Photo-electric tube. 1,906,448; May 2.
- De Boer, Jan H., and W. C. Van Geel, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electric condenser. 1,925,307; Sept. 5.
- De Boer, Jan H., J. L. H. Jonker, and K. M. van Gessel, Eindhoven, Netherlands, assignors to Radio Corporation of America. Introducing active metal into a vacuum tube. 1,931,647; Oct. 24.
- De Boer, John H., Syracuse, N. Y. Dresser mirror hanger. 1,926,994; Sept. 12.
- De Bothezat, George, New York, N. Y. Ventilating system. 1,903,983; Apr. 18.
- Deboutteville, Marcel D., Neuilly-sur-Seine, France. Weaving and apparatus therefor. 1,910,595; May 23.
- Debrie, André L. V. C., Paris, France. Film feeding device in cinematographic view taking apparatus. 1,895,026; Jan. 24.
- Debrie, André L. V. C., Paris, France. Treating films arranged in strips. 1,907,252; May 2.
- Debrie, André L. V. C., Paris, France. Cinematographic printing machine. 1,907,253; May 2.
- Debrunner, Reginald W., London, England, assignor, by mesne assignments, to T. L. Genter, New York, N. Y. Electric condenser. 1,937,874; Dec. 5.
- De Bruyn, Paul. (See Rheinfelder, Paul, assignor.)
- De Bruyne, Philip C., assignor to Moline Iron Company, St. Charles, Ill. Casting and repairing chain. 1,913,107; June 6.
- Debski, Frank, Brooklyn, N. Y. Chaise longue. Des. 89,126; Jan. 31.
- De Bucci, Romeo A., Providence, R. I. Coat and trouser hanger. 1,903,277; Apr. 18.
- Debuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Rotary furnace. Re18,929; Aug. 29.
- De Burgh, Albert R., Portland, Oreg. Table leaf lifting device. 1,929,056; Oct. 3.
- Debus, Sander, Hastings, Nebr. Bread-slicing machine. 1,940,998; Dec. 26.
- De Camp, Ray. (See Baruch, M., De Camp, and Walker.)
- De Camp, Renan, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulating system. 1,907,517; May 9.
- De Camp, Renan, Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 1,926,838; Sept. 12.
- De Cardy, Otto. (See Beall, O. H., and De Cardy.)
- Decarie Incinerator Corporation. (See Woodman, Joseph C., assignor.)
- De Cew, Judson A., Mount Vernon, assignor to Process Engineers, Inc., New York, N. Y. Hydrating cellulose fibers. 1,917,505; July 11.
- De Cew, Judson A., Mount Vernon, assignor to Process Engineers, Inc., New York, N. Y. Making rosin size. 1,929,577; Oct. 10.
- De Chamberlat, Jean, Trellissac, France. Condensing apparatus. 1,920,681; Aug. 1.
- Dechau, Otto W., Rochester, N. Y. Ophthalmic mounting. 1,907,749; May 9.
- Dechêne, Peter, Berlin, Germany, assignor to The Tabulating Machine Company, Endicott, N. Y. Printing mechanism. 1,902,060; Mar. 21.
- Dechenne, Albert, Seraing, Belgium. Manufacturing steel tires and the like by forging and pressing ingots. 1,896,704; Feb. 7.
- Deck, Howard S., Dover, N. J. Apparatus for melting explosives. 1,903,504; Apr. 11.
- Deckel, Friedrich. (See Deckel, H., and Burger, assignors.)
- Deckel, Hans, Solln, near Munich, and M. Burger, Munich, assignors to F. Deckel, Munich-Ludwigshöhe, Germany. Photographic shutter. 1,941,291; Dec. 26.
- Deckel, Hans, Solln, near Munich, and M. Burger, Munich, assignors to F. Deckel, Munich-Ludwigshöhe, Germany. Photographic shutter. 1,941,292; Dec. 26.
- Decker, Alfred, & Cohn, Inc. (See De Marco, Nicola G., assignor.)
- Decker, Alonzo G., Baltimore County, assignor to The Black & Decker Manufacturing Company, Towson Heights, Md. Portable power hammer. 1,911,813; May 30.
- Decker, Alonzo G., Baltimore County, assignor to The Black & Decker Manufacturing Company, Towson, Md. Portable power driven percussive tool. 1,911,814; May 30.
- Decker, Alonzo G., Baltimore, assignor to The Black & Decker Manufacturing Company, Towson, Md. Spring gib. 1,917,926; July 11.
- Decker, Ammiel F., Pelham, N. Y. Set of game pieces. Des. 90,804; Oct. 3.
- Decker, Byron, Bay Point, and E. Blume, Concord, Calif. Housing for selenium cells. 1,935,698; Nov. 21.
- Decker, Fred M. (See Decker, Rassellas M., assignor.)
- Decker, George, Cleveland, Ohio. Stand for a hair curling apparatus or similar article. Des. 90,974; Nov. 7.
- Decker, George, assignor to The Philad Company, Cleveland, Ohio. Apparatus for hair waving. 1,903,743; Apr. 11.
- Decker, George R., Hamilton, Ohio, assignor of one-half to C. W. Jessup, Richmond, Ind. Induction water heater. 1,923,711; Aug. 22.
- Decker, James W., New York, N. Y. Stock quotation projecting machine. 1,900,010; Mar. 7.
- Decker, James W., New York, N. Y. Stock quotation projecting machine. 1,903,806; Apr. 18.
- Decker, James W., New York, N. Y. Broad tape ticker projecting machine. 1,932,399; Oct. 31.
- Decker, Lemuel B., Kenogami, Quebec, Canada. Process and apparatus in manufacture of wood pulp. 1,908,324; May 9.
- Decker, Lemuel B., Kenogami, Quebec, Canada. Manufacture of wood pulp. 1,915,410; May 27.
- Decker, Lemuel B., Kenogami, Quebec, Canada. Production of wood pulp. 1,921,966; Aug. 8.
- Decker, Rassellas M., assignor of one-half to Fred M. Decker, Anderson, Ind. Pressure regulator. 1,939,881; Dec. 19.
- Decker, Sherwin, K. (See Roberts, G. A., and Decker.)
- Decker, Sherwin K., and G. Roberts, Los Angeles, Calif., assignors to International Business Machines Corporation, New York, N. Y. Accounting means. 1,916,969; July 4.
- Decker, Walter L., New York, N. Y. Heater. 1,919,204; July 25.
- Deckert, Oscar R., Brookline, assignor to Cube Steak Machine Company, Boston, Mass. Implement for cleaning disk knives. 1,899,433; Feb. 28.
- De Clairmont, Adolph, Los Angeles, Calif. Condenser. 1,917,212; July 4.
- De Coninck, Arthur, Brussels-Uccle, Belgium, assignor to Bendix Brake Company, South Bend, Ind. Demountable brake apparatus. 1,935,392; Nov. 14.
- Decorated Metal Manufacturing Company. (See Atwood, George D., assignor.)
- De Coriolis, Ernest G., Toledo, and P. Q. Williams, Ottawa Hills, assignors to Surface Combustion Corporation, Toledo, Ohio. Glass melting apparatus. 1,900,432; Mar. 7.
- De Cou, William, jr. (See Battista, Donald A., assignor.)
- Dedek, Michael, Binghamton, N. Y. Sanitary toothpick dispenser. 1,906,550; May 2.
- Dedrick, Elmer H., and W. R. Appleman, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Multi-speed split phase motor. 1,918,323; July 18.
- Dedicated to the free use of the public. (See Day, Albert M.)
- De Donato, Emile, Differdange, Luxembourg. Ingot tilter. 1,930,420; Oct. 10.
- Dedrick, Frank J., and M. Hider, assignors to Hider Steel Ball Works, Binghamton, N. Y. Making coil springs. 1,906,449; May 2.
- Dee, Thomas J., & Company. (See McMahon, Thomas G., assignor.)
- Deeble, Roy E., Long Beach, Calif. Motor construction. 1,926,371; Sept. 12.
- Deems, Edward M., Forest Hills, N. Y., assignor to Railroad Accessories Corporation, New York, N. Y. Rail bolt. 1,938,563; Dec. 5.
- Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Rock trap. 1,917,954; July 11.
- Deems, Frank E., Birmingham, assignor to Continental Gin Company, Birmingham, Ala. Linter gin drive. 1,921,311; Aug. 8.
- Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Cotton tramper feed mechanism. 1,931,488; Oct. 24.
- Deen, James M., Harlan, Iowa. Luggage carrier. 1,911,677; May 30.
- Deen, James M., Harlan, Iowa, assignor to J. W. Malmquist, Aberdeen, S. Dak. Luggage carrier. 1,893,752; Jan. 10.
- Deepwater Chemical Co. Ltd. (See Girvin, Charles W., assignor.)
- Deere & Company. (See Anderson, Ralph L., assignor.)
- Deere & Company. (See Apel, Albert, assignor.)
- Deere & Company. (See Baker, Hiram L., and M. R., assignors.)
- Deere & Company. (See Beckstrom, Carl V., assignor.)
- Deere & Company. (See Bopf, Edward C., assignor.)

- Deere & Company. (See Brown, Harold, assignor.)
 Deere & Company. (See Brown, Theophilus, assignor.)
 Deere & Company. (See Brown, T., and Murray, assignors.)
 Deere & Company. (See Brown, T., Strandlund, and Silver, assignors.)
 Deere & Company. (See Colvin, Nolan D., assignor.)
 Deere & Company. (See Coultas, Wilbur J., assignor.)
 Deere & Company. (See Coultas, W. J., and Colvin, assignors.)
 Deere & Company. (See Coultas, W. J., Swenson, and Lopez, assignors.)
 Deere & Company. (See Court, Frank T., assignor.)
 Deere & Company. (See Court, F. T., and McCormick, assignors.)
 Deere & Company. (See Dieterich, Arthur B., assignor.)
 Deere & Company. (See Forrest, Londell C., assignor.)
 Deere & Company. (See Frederiksen, Carl J., assignor.)
 Deere & Company. (See Hans, Prentice L., assignor.)
 Deere & Company. (See Hoffman, John E., assignor.)
 Deere & Company. (See Johnson, Christian E., assignor.)
 Deere & Company. (See Johnson, Ellsworth T., assignor.)
 Deere & Company. (See Livesay, Robert C., assignor.)
 Deere & Company. (See Madill, Stanley M., assignor.)
 Deere & Company. (See McKahin, Herbert B., assignor.)
 Deere & Company. (See Metcalf, Edgar E., assignor.)
 Deere & Company. (See Miller, Evans, assignor.)
 Deere & Company. (See Morse, Bruce, assignor.)
 Deere & Company. (See Neighbour, Leonard B., assignor.)
 Deere & Company. (See Paradise, Louis A., assignor.)
 Deere & Company. (See Paradise, L. A., and Coultas, assignors.)
 Deere & Company. (See Paradise, L. A., and Huddle, assignors.)
 Deere & Company. (See Paradise, L. A., and Johnson, assignors.)
 Deere & Company. (See Paul, Talbert W., assignor.)
 Deere & Company. (See Paul, William L., assignor.)
 Deere & Company. (See Paul, W. L., and Carlson, assignors.)
 Deere & Company. (See Silver, Walter H., assignor.)
 Deere & Company. (See Strandlund, Carl G., assignor.)
 Deere & Company. (See Strandlund, C. G., and Madill, assignors.)
 Deere & Company. (See Strandlund, C. G., and Peterson, assignors.)
 Deere & Company. (See Thomann, Frederick A., assignor.)
 Deere & Company. (See White, Charles H., assignor.)
 Deere & Company. (See White, C. H., and Court, assignors.)
 Deere, John, Tractor Company. (See Cade, John E., assignor.)
 Deere, John, Tractor Company. (See Hansen, Merlin, assignor.)
 Deere, John, Tractor Company. (See McCormick, Elmer, assignor.)
 Deere, John, Tractor Company. (See McCray, Harold E., assignor.)
 Deery, William H. (See Smith, E. A., and Deery.)
 De Fay, Joseph, Chicago, Ill. Garment hanger and protector. 1,938,567; Dec. 12.
 Defays, Victor J. J., and P. J. L. Lefebvre, Brussels, Belgium. Clutching device. 1,922,931; Aug. 15.
 De Felice, Romeo, Brooklyn, N. Y. Slip-off bathing suit. 1,935,619; Nov. 21.
 Defenbaugh, Lloyd F. (See Knowlton, D. R., and Defenbaugh.)
 Defenbaugh, Loyd F., Oklahoma City, assignor to Phillips Petroleum Company, Bartlesville, Okla. Indicator for adjustable flow beams. 1,911,885; May 30.
 Defender Automatic Regulator Company. (See Kemp, W., and Osterman, assignors.)
 De Ferranti, Gertrude R. Z., legal representative. (See de Ferranti, Sebastian Z.)
 De Ferranti, Sebastian Z., deceased. Hollinwood, by G. R. Z. de Ferranti, London, England, legal representative, assignor to Ferranti Inc., New York, N. Y. Prepayment electricity meter. 1,902,396; Mar. 21.
 De Ferranti, Sebastian Z., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Making a meter indicator mechanism. 1,913,265; June 6.
 Deffenbaugh, Chester S., Oroville, Calif. Receptacle. 1,938,519; Dec. 5.
 Defiance Manufacturing Corporation. (See Phinney, Edgar E., assignor.)
 Defibaugh, Nathan C. (See Little, D. G., and Defibaugh.)
 Defives, Raymond, assignor to Servo-Frein Dewandre, Société Anonyme, Liege, Belgium. Fluid operated relay brake. 1,912,261; May 30.
 De Flizue, Vladimir, and P. Lavallée, Paris, France. Battery ignition device. 1,923,615; Aug. 22.
 De Florez, Luis, Pomfret, Conn. Remote control. 1,909,815; May 16.
 De Florez, Luis, Pomfret, Conn. Aim perfecting attachment for guns. 1,923,531; Aug. 22.
 De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Gaseous fuel. 1,936,155; Nov. 21.
 De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Gaseous fuel. 1,936,156; Nov. 21.
 De Forest, Alfred V., Southport, Conn. Magnetic testing method and means. 1,906,551; May 2.
 De Forest, Alfred V., Southport, Conn., assignor to American Chain Company, Inc. Method of and apparatus for electromagnetic testing. 1,897,634; Feb. 14.
 De Forest, Alfred V., Southport, Conn., assignor to American Chain Company, Inc. Eliminating internal stresses in wire. 1,899,138; Feb. 28.
 De Forest, Cresson J., Gogota, N. J., assignor of one-half to Edward L. Corbett, New York, N. Y. Machine for washing glasses and other receptacles. 1,921,509; Aug. 8.
 De Forest, Lee, assignor to General Talking Picture Corporation, New York, N. Y. Photographic sound reproducing apparatus. 1,894,024; Jan. 10.
 De Forest, Lee, assignor to DeForest Phonofilm Corporation, New York, N. Y. Luminous discharge device. 1,897,363; Feb. 14.
 De Forest, Lee, assignor to de Forest Phonofilm Corporation, New York, N. Y. Soundproofing picture recording camera. 1,929,626; Oct. 10.
 DeForest, Matthew J., Jackson Heights, assignor, by mesne assignments, to United Research Corporation, Long Island City, N. Y. Electrical attenuator network. 1,892,935; Jan. 3.
 De Forest Phonofilm Corporation. (See de Forest, Lee, assignor.)
 DeForest Radio Company. (See Du Mont, Allen B., assignor.)
 De Forest Radio Company. (See Ruffley, Frederick, assignor.)
 De Forest Radio Company. (See Zimmer, Raymond M., assignor.)
 De Forest Radio Company. (See Zimmer, R. M., and Hawthorne, assignors.)
 DeForest Radio Telephone & Telegraph Company. (See Gowen, Robert G., assignor.)
 De Forest Radio Telephone & Telegraph Co. (See Hunter, Frederick L., jr., assignor.)
 DeFrance, Abel, Paris, France. Apparatus for the prevention of backfiring in internal combustion engines. 1,914,111; June 15.
 De Francesco, John, Springfield, Pa. Light illuminating musical instrument. 1,913,233; June 6.
 De Francisco, Marshall, and A. T. Kurowski, Brooklyn, N. Y. Automatic film developing machine. 1,916,207; July 4.
 De Frees, Nicholas W., Hastings, Minn., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Sprayer construction. 1,920,636; Aug. 1.
 Defreese, Edward. (See Hughes, Jess W., assignor.)
 Defren, George, Newton, Mass. Preparing chocolate. 1,897,242; Feb. 14.
 De Frenkel, Alicia S. (See Schmidt, Rodolfo B., C. R., Cortese, and de Frenkel.)
 De Fries, Henry A., Albany, assignor to Ludlum Steel Company, Watervliet, N. Y. Alloy steel. 1,941,202; Dec. 26.
 De Fries, Henry A., Albany, assignor to Ludlum Steel Company, Watervliet, N. Y. Improving the mechanical workability of high chrome steels. 1,941,203; Dec. 26.
 De Fries, Henry A., Albany, N. Y., and V. O. Homerberg, Belmont, Mass., assignors to Ludlum Steel Company, Watervliet, N. Y. Alloying. 1,927,819; Sept. 26.
 De Fries, Walter, assignor to The William B. Pollock Company, Youngstown, Ohio. Ladle. 1,928,813; Oct. 3.
 De Ganahl, Carl, Greenlawn, assignor to Fleetwings, Inc., Garden City, Long Island, N. Y. Monospar airplane. 1,919,620; July 25.
 De Ganahl, Carl, Greenlawn, and N. O. Robinson, Brooklyn, N. Y., assignors to Fleetwings, Inc. Boat hull and reducing the water friction thereupon. 1,894,256; Jan. 10.
 Degen, Nicklaus, Mason City, Iowa. Surfacing machine. 1,920,364; Aug. 1.
 Degener, Gustave O., San Francisco, Calif., assignor to Royal Typewriter Company, Inc., New York, N. Y. Manifolding device. 1,917,100; July 4.
 Degener, Gustave O., San Francisco, Calif., assignor to Royal Typewriter Company, Inc., New York, N. Y. Manifolding device. 1,917,635; July 11.
 De Gennaro, Gaetan, Paris, France. Articles of jewelry and manufacturing the same. 1,919,095; July 18.
 De George, Nicholas. (See Bergstrom, H. B. Bonfils, De George, and Tuckman.)
 Degginger, Sidney. (See Schmidt, William G., assignor.)
 De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Safety electric switch. 1,916,717; July 4.
 De Giers, Clarence A., Forest Hills, assignor to Richard C. Murphy, New York, N. Y. Liquid level gauge with diaphragm seal. 1,920,971; Aug. 8.
 De Giers, Clarence A., Forest Hills, assignor, by mesne assignments, to R. C. Murphy, New York, N. Y. Making glass windows. 1,925,999; Sept. 5.
 De Giorgi, Achille B., Milan, Italy. Disconnecting switch. 1,918,741; July 18.
 De Give, Henry L., executor. (See de Give, Julius L., assignor.)
 De Give Julius L., deceased, Atlanta, Ga.; Henry L. de Give, executor. Mail bag. 1,902,764; Mar. 21.
 Degl, Karel, Prague, Czechoslovakia. Securing synchronism in sound films. 1,919,585; July 25.
 De Gloria, John J., San Leandro, Calif. Robbery proof cashier's window. 1,916,828; July 4.

- Dehn Corporation. (See Hough, Arthur, assignor.)
- De Golyer, Anthony G., Brooklyn, N. Y. Material for making tools. 1,913,373; June 13.
- De Golyer, Anthony G., New York, N. Y. Producing and refining tungsten steel. 1,913,833; June 13.
- De Golyer, Roy E., Houston, Tex. Nut cracker. 1,922,884; Aug. 15.
- De Goyer, John A., Oak Park, Ill. Matrix. 1,922,031; Aug. 15.
- De Groot, Oliver, assignor to The Tannewitz Works, Grand Rapids, Mich. Brake device for band saws. 1,927,203; Sept. 19.
- De Groot, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 1,919,932; July 25.
- De Groot, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 1,919,933; July 25.
- De Groot, Willem, and E. H. Reerink, Eindhoven, Netherlands, assignors, by mesne assignments, to General Electric Company. Electric discharge tube. 1,905,688; Apr. 25.
- De Groot, Willem, and J. G. W. Mulder, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric arc discharge tube. 1,910,755; May 23.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Increasing the output of oil wells. 1,922,154; Aug. 15.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Process for breaking petroleum emulsions. 1,938,323; Dec. 5.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,395; Dec. 19.
- De Groote, Melvin, St. Louis, assignor to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,396; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Flooding process for recovering oil from sand beds. 1,894,759; Jan. 17.
- De Groote, Melvin, St. Louis, L. T. Monson, Maplewood, and A. F. Wirtel, assignors, by mesne assignments, to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,897,574; Feb. 14.
- De Groote, Melvin, St. Louis, L. T. Monson, Maplewood, and A. F. Wirtel, assignors, by mesne assignments, to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,897,575; Feb. 14.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,908,129; May 9.
- De Groote, Melvin, St. Louis, and B. Keiser, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,908,130; May 9.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,910,680; May 23.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,913,538; June 13.
- De Groote, Melvin, St. Louis, B. Keiser, and A. F. Wirtel, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,926,715; Sept. 12.
- De Groote, Melvin, St. Louis, Mo., and L. T. Monson, Los Angeles, Calif., assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,938,322; Dec. 5.
- De Groote, Melvin, St. Louis, Mo., and L. T. Monson, Los Angeles, Calif., assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,390; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,391; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,392; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,393; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,394; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,397; Dec. 19.
- De Groote, Melvin, St. Louis, and A. F. Wirtel, Richmond Heights, assignors to Tretolite Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,940,398; Dec. 19.
- Degulde, Camille, Enghien, France, assignor to International Industrial and Chemical Company, Ltd., Montreal, Canada. Manufacture of alkali metal carbonate. 1,919,832; July 25.
- De Haas, Max, and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,901,295; Mar. 14.
- De Hart, Ellis J., Saginaw, Mich. Mirror. Des. 90,236; July 4.
- De Hart, Ellis J., Saginaw, Mich. Mirror. Des. 90,932; Oct. 24.
- Dehart, Everett E., Omaha, Nebr. Oil burner retort. 1,899,315; Feb. 28.
- De Hart, William A., Teaneck, N. J. Paint spray. 1,929,882; Oct. 10.
- De Haven, Hugh, New York, N. Y. Kite. 1,908,325; May 9.
- Dehle, Otto T., assignor to Multi-Hydro Washing Machine Company, Boston, Mass. Washing machine. 1,897,953; Feb. 14.
- Dehler, Franz, New York, N. Y. Pile wire spoon holder for two edge cutting blades. 1,917,019; July 4.
- Dehn, Joseph W., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector testing system. 1,926,894; Sept. 12.
- Dehn, William C., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Fuel igniting. 1,922,667; Aug. 15.
- De Hoff, Hugh C. (See Brown, D. F., and De Hoff.)
- Dehuff, Walter F., Glen Rock, Pa. Greasing brush. 1,899,316; Feb. 28.
- DeHydro Company, The. (See Fuchs, Fritz E., assignor.)
- Dehydro Company, The. (See Kaplan, Philip, assignor.)
- Deibel, Christopher W., Youngstown, Ohio. Game device. 1,897,884; Feb. 14.
- Deibel, Cyril P., Lakewood, Ohio. Dry cell. 1,898,344; Feb. 21.
- Deibel, Cyril P., Lakewood, Ohio. Dry cell battery and seal therefor. 1,925,374; Sept. 5.
- Deichsel, Stanislaus. (See Kropp, W., and Deichsel.)
- Deisch, Noel, Washington, D. C. Apparatus for correcting variable condensers. 1,896,885; Feb. 7.
- Deisch, Noel, Washington, D. C. Condenser. 1,896,942; Feb. 7.
- Deisch, Noel, Washington, D. C. Light relay. 1,913,795; June 13.
- Deisch, Noel, Washington, D. C. Electromechanical oscillator. 1,941,445; Dec. 26.
- Deisch, Noel, Washington, D. C., assignor of one-half to T. E. Stone, Jr., New York, N. Y. Adjustable cam mechanism. 1,917,435; July 11.
- Deisch, Noel J. (See Baumgarten, E., Gosnell, and Deisch.)
- Deister Concentrator Company. (See Scott, Chester A., assignor.)
- Deister, Emil, assignor to Deister Machine Company, Fort Wayne, Ind. Vibrating screen. 1,920,972; Aug. 8.
- Deister Machine Company. (See Deister, Emil, assignor.)
- Deitchman, Hyman, Chicago, Ill. Preservative compound and producing the same. 1,937,813; Dec. 5.
- Deitsch, Carl E., Marion, Ohio. Safety cut-out switch. 1,902,765; Mar. 21.
- Deitz, Charles F., assignor to V. N. Adams, Miami, Fla. Tomato coring and peeling machine. 1,923,712; Aug. 22.
- Deitz, John G., Tulsa, Okla. Door mount for accessory equipment of motor vehicles. 1,905,623; Apr. 25.
- Deitz, Louis S., jr., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for removing a covering from a core. 1,929,916; Oct. 10.
- Deitz, Louis S., jr., Hinsdale, and R. Schmidt, jr., Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Method and apparatus for removing a covering from a core. 1,929,915; Oct. 10.
- De Jarnette, Major B., Nebraska City, Nebr. Coaxial disk spectrum selector. 1,907,750; May 9.
- De Jesús-Angeles, Benjamin, San Francisco, Calif. Tube closing device. 1,893,401; Jan. 3.
- De Jong, Frans H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Arrangement for amplifying alternating voltage variations. 1,922,794; Aug. 15.
- De Jubasz, Kalman J., State College, Pa. Knife edge bearing. 1,928,930; Oct. 3.
- De Jur, Harry, assignor to De Jur-Amsco Corporation, New York, N. Y. Friction reduction or vernier drive mechanism. 1,928,310; Sept. 26.
- De Jur-Amsco Corporation. (See De Jur, Harry, assignor.)
- Dekker, Corneli, Oakglen, Ill. Onion set planter. 1,926,476; Sept. 12.
- Deknatel, J. A., & Son, Inc. (See Neifert, Raymond E., assignor.)
- Dekome, Arthur E., Cleveland, Ohio. Roller skate. 1,933,972; Nov. 7.
- De la Cierva, Juan, London, England, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative wings. 1,894,673; Jan. 17.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Sustaining rotor constructions for aircraft. 1,897,042; Feb. 14.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative sustaining blades. 1,910,520; May 23.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative sustaining blades. 1,911,183; May 30.
- De la Cierva, Juan, Madrid, Spain, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative sustaining blades. 1,936,752; Nov. 28.

- De Lackner, Frederick J., Whitestone, N. Y. Die for forming paper cups. 1,935,832; Nov. 21.
- De la Croix, Joseph R., New York, N. Y. Sound recording and reproducing system. 1,928,850; Oct. 3.
- Delafon, Jean M. J., Samoreau-sur-Seine, France. Machine for perforating slow emulsion films while they are being shown on the screen. 1,904,301; Apr. 18.
- Delage & Cie. (See Eimer, Ernest, assignor.)
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,911,439; May 30.
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,050; Sept. 26.
- Delahaye, Walter H., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,936,870; Nov. 28.
- De Lamar, Roland D. (See Murnane, W. F., and De Lamar.)
- De Lamar, Rudolph E., New York, N. Y., assignor to Henry S. Germond, Bayonne, N. J. Storage rack. 1,921,222; Aug. 8.
- De La Mare, Thomas, Salt Lake City, Utah. Constructing and maintaining crude oil conductors. 1,900,978; Mar. 14.
- De La Mare, Thomas, Salt Lake City, Utah. System for constructing pipe. 1,910,594; May 23.
- Delamare, Rudolf D., Toronto, Ontario, Canada. Blower unit. 1,923,079; Aug. 22.
- De Lamprecht, Rodolph, Vancouver, British Columbia, Canada, assignor to The Cold White Light Inc., Seattle, Wash. Producing white luminous tubes of electrified neon gas. 1,931,529; Oct. 24.
- De Lancey, Warren H. (See Logan, J. A., and De Lancey.)
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing system. 1,904,302; Apr. 18.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 1,913,626; June 13.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Air separator. 1,920,066; July 25.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid-dispensing pump. 1,935,544; Nov. 14.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Gas and liquid separator. 1,941,390; Dec. 26.
- De Land, Harry A. (See Calstedt, G. A., and De Land.)
- De Land, John Del Rca, Pico, Calif. Orchard protective system. 1,902,119; Mar. 21.
- De Land, Walter E., Milwaukee, Wis., assignor to Drying Systems, Inc., Chicago, Ill. Stretching clamp. 1,910,003; May 23.
- Delaney, Ada W., Estate of (See Delaney, John H., assignor.)
- Delaney, John H., deceased, Los Angeles, Calif., Union Bank & Trust Co. of Los Angeles, administrator, assignor to estate of Ada W. Delaney, deceased. Acoustic material. 1,906,138; Apr. 25.
- De Laney, Wallace W., assignor to The Seamless Rubber Company, Inc., New Haven, Conn. Heating pad or similar article. Des. 89,612; Apr. 18.
- De Laney, Wallace W., assignor to The Seamless Rubber Company, New Haven, Conn. Method of and apparatus for treating sheet rubber. 1,921,455; Aug. 8.
- De Laney, Wallace W., assignor to The Seamless Rubber Company Incorporated, New Haven, Conn. Sheet rubber product. 1,921,456; Aug. 8.
- Délando, Eduardo, Santiago, Chile. Automatic brake. 1,937,686; Dec. 5.
- Delano, Frederic A., Washington, D. C. Corrugated transparent material. 1,922,952; Aug. 15.
- Delany, Albanus G., Alabama City, Ala., assignor to Gulf States Steel Company. Piling machine. 1,935,767; Nov. 21.
- De Lapotterie, Otto H., assignor to Roy H. Smith, Kent, Ohio. Threading nut blanks. 1,912,517; June 6.
- De La Quintana, Raul O., Buenos Aires, Argentina. Automatic braking device for phonographs and the like. 1,901,553; Mar. 14.
- De La Roche, Hans R. S., Bremen, Germany. Producing plastic masses petrifying after the setting. 1,922,473; Aug. 15.
- De la Roza, Joaquin J., Jr., Tuinucu, Cuba. Producing alpha cellulose. 1,918,250; July 13.
- De la Roza, Joaquin, J., sr., Tuinucu, Cuba. Manufacturing cellulose. 1,931,575; Oct. 24.
- Delattre-Seguy, Jean, assignor to Universal Oil Products Company, Chicago, Ill. Treating oil. 1,897,593; Feb. 14.
- Delattre-Seguy, Jean, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oil. 1,929,795; Oct. 10.
- Delattre-Seguy, Jean, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 1,939,281; Dec. 12.
- Delattre-Seguy, Jean, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,939,282; Dec. 12.
- DeLaval Separator Company, The. (See Bergner, Nore E., assignor.)
- De Laval Separator Company, The. (See Bernström, Seth F., assignor.)
- De Laval Separator Company. (See Dahlgren, Sven A. B., assignor.)
- De Laval Separator Company, The. (See Flowers, Alan E., assignor.)
- De Laval Separator Company, The. (See Fröding, Olaf E., assignor.)
- De Laval Separator Company, The. (See Gilmore, Vincent J., assignor.)
- De Laval Separator Company, The. (See Haggood, Cyrus H., assignor.)
- DeLaval Separator Company, The. (See Hulbert, John L., assignor.)
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- De Laval Separator Company, The. (See Stigen, Alf L., assignor.)
- De Laval Separator Company, The. (See Stoddard, George C., assignor.)
- DeLaval Separator Company, The. (See Strezynski, George J., assignor.)
- De Laval Separator Company, The. (See Walker, Robert G., assignor.)
- De Laval Steam Turbine Company. (See Anderson, Johan E., assignor.)
- De Laval Steam Turbine Company. (See Kennedy, Frank W., assignor.)
- De Laval Steam Turbine Company. (See Peterson, Arvid, assignor.)
- De Laval Steam Turbine Company. (See Waller, Carl R., assignor.)
- Delaval-Crow, Thomas C., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing mounting. 1,923,777; Aug. 22.
- Delaval-Crow, Thomas C., assignor to The New Departure Manufacturing Company, Bristol, Conn. Lubricant retainer for axles and the like. 1,930,586; Oct. 17.
- Delaville, Maurice. (See Coupeau, M., and Delaville.)
- De Laille, Maurice. (See Coupeau, M. G., and Delaville.)
- Delaware Chemical Engineering Company. (See Nagelvoort, Adriaan, assignor.)
- Delaware, Lackawanna & Western Coal Company. (See Collins, Ernest V., jr., assignor.)
- Delaware Rayon Company et al. (See Barnes, Joseph H., assignor.)
- Delay, Eugene, Saint-Ouen, France, assignor to Badertscher Vakuumbremse A. G., Zurich, Switzerland. Brake for power vehicles. 1,925,864; Sept. 5.
- Delchef, Georges, Brussels, Belgium. Apparatus for the transmission at a distance of graphics. 1,929,485; Oct. 10.
- Delco-Light Company. (See Kettering, C. F., and Marvel.)
- Delco-Light Company. (See Lee, Ralph L., assignor.)
- Delco-Light Company. (See Warner, Clarence, assignor.)
- Delco-Light Company. (See Wells, William C., assignor.)
- Delco-Light Company. (See Wendt, Wesley E., assignor.)
- Delco Products Corporation. (See Anson, Jerome I., assignor.)
- Delco Products Corporation. (See Aseltine, Fred E., assignor.)
- Delco Products Corporation. (See Aseltine, F. E., Kindl, Teeter, assignors.)
- Delco Products Corporation. (See Aseltine, F. E., Teeter, Kindl, and Funston, assignors.)
- Delco Products Corporation. (See Bates, Ralph I., assignor.)
- Delco Products Corporation. (See Chryst, William A., assignor.)
- Delco Products Corporation. (See Davis, Lewis H., assignor.)
- Delco Products Corporation. (See Dybvig, Henry G., assignor.)
- Delco Products Corporation. (See Funston, Frederick D., assignor.)
- Delco-Products Corporation. (See Hageman, Gilbert H., assignor.)
- Delco Products Corporation. (See Kindl, C. H., and Bradford, assignors.)
- Delco Products Corporation. (See Koehly, Paul, assignor.)
- Delco Products Corporation. (See Mathews, Verner P., assignor.)
- Delco Products Corporation. (See Olley, Maurice, assignor.)
- Delco Products Corporation. (See Parker, Guy E., assignor.)
- Delco Products Corporation. (See Parsons, Jay C., assignor.)
- Delco Products Corporation. (See Riedel, Walter W., assignor.)
- Delco Products Corporation. (See Rossman, Edwin F., assignor.)
- Delco Products Corporation. (See Rossman, E. F., and Elsey, assignors.)
- Delco Products Corporation. (See Teeter, Wilford H., assignor.)
- Delco-Remy Corporation. (See Arthur, James L., assignor.)
- Delco-Remy Corporation. (See Bertsche, Ralph, jr., assignor.)
- Delco-Remy Corporation. (See Coburn, Albert J., assignor.)
- Delco-Remy Corporation. (See Collins, Edward W., assignor.)
- Delco-Remy Corporation. (See Cotton, De Nera A., assignor.)

- Delco-Remy Corporation. (See Critchfield, Robert M., assignor.)
- Delco-Remy Corporation. (See Critchfield, R. M., and Lawson, assignors.)
- Delco-Remy Corporation. (See Cullin, Jasper F., assignor.)
- Delco-Remy Corporation. (See Davis, Charles H., jr., assignor.)
- Delco-Remy Corporation. (See Davis, C. H., and Hartzell, assignors.)
- Delco-Remy Corporation. (See Dyer, John B., assignor.)
- Delco-Remy Corporation. (See Fitzsimmons, John T., assignor.)
- Delco-Remy Corporation. (See Hardman, F. J., and Spruegel, assignors.)
- Delco-Remy Corporation. (See Hiday, John B., assignor.)
- Delco-Remy Corporation. (See Kaegi, Edward A., assignor.)
- Delco-Remy Corporation. (See Kelly, John M., assignor.)
- Delco-Remy Corporation. (See Lewellen, Albert R., assignor.)
- Delco-Remy Corporation. (See Nichols, Charles A., assignor.)
- Delco-Remy Corporation. (See Nichols, C. A., and Phelps, assignors.)
- Delco-Remy Corporation. (See Norviel, Harry E., assignor.)
- Delco-Remy Corporation. (See Norviel, H. E., and Ecoff, assignors.)
- Delco-Remy Corporation. (See Norviel, H. E., and Hartzell, assignors.)
- Delco-Remy Corporation. (See Parker, Leslie O., assignor.)
- Delco-Remy Corporation. (See Perkins, Laurence M., assignor.)
- Delco-Remy Corporation. (See Phelps, A. W., and Campbell, assignors.)
- Delco-Remy Corporation. (See Phelps, A. W., and Kaegi, assignors.)
- Delco-Remy Corporation. (See Poole, Lora E., assignor.)
- Delco-Remy Corporation. (See Prescott, Frank H., assignor.)
- Delco-Remy Corporation. (See Prescott, F. H., and Arthur, assignors.)
- Delco-Remy Corporation. (See Riedel, Walter W., assignor.)
- Delco-Remy Corporation. (See Schwarze, H., and Perkins, assignors.)
- Delco-Remy Corporation. (See Shippy, Leo C., assignor.)
- Delco-Remy Corporation. (See Swayze, Clare S., assignor.)
- Delco-Remy Corporation. (See Wheelchel, Rupert C., assignor.)
- Delcroix, Pierre. (See Thiriet, A., and Delcroix.)
- De Leeuw, Adolph L., Plainfield, N. J. Drilling machine. 1,934,044; Nov. 7.
- De Leo, Nickolas. Troy, N. Y. Lens for automobile head lamps. Des. 90,237; July 4.
- Deléry, Edna F. (See Deléry, Eugene F., assignor.)
- Deléry, Eugene F., deceased, New Orleans, La.; assigned by Decree of Distribution to Mrs. E. F. Deléry. Fluid control valve. 1,904,204; Apr. 18.
- DeLesseppe, Ferdinand, Paris, France. Machine for the printing of positive bichromate films. 1,937,814; Dec. 5.
- Delf, George A., St. Louis, Mo. Brake drum truing machine. 1,925,177; Sept. 5.
- Del Homme, Daniel L. (See Harrington, G. G., and Del Homme, assignors.)
- Del'Homme, Daniel L., Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Drill. 1,895,610; Jan. 31.
- Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil. 1,929,969; Oct. 10.
- Deli, Frank C., and F. D. Woods, assignors to Autopoint Company, Chicago, Ill. Pencil. 1,913,661; June 13.
- Deli, Frank C., and W. D. Groseclose, assignors to Autopoint Company, Chicago, Ill. Pencil. 1,913,662; June 13.
- Deli, Frank C., W. D. Groseclose, and W. F. Foth, assignors to Autopoint Company, Chicago, Ill. Mechanical pencil. 1,923,300; Aug. 22.
- Deline, Irving A., Denver, Colo. Carton for baby chicks. 1,917,506; July 11.
- Deline, Irving A., Denver, Colo. Knockdown display rack. 1,919,687; July 25.
- Deline, Irving A., Denver, Colo. Box construction. 1,922,571; Aug. 15.
- De Lisle, Frank A. (See Boynton, A. J., and De Lisle.)
- De Lisle, Harold L., Chicago, Ill. Container for relatively large sheets. 1,924,109; Aug. 29.
- De Liso, Vincent, Astoria, assignor to Palter-De Liso Inc., New York, N. Y. Shoe and making same. 1,924,542; Aug. 29.
- Dell, Frank P., and W. Freeman, Philadelphia, Pa. Piano. 1,922,530; Aug. 15.
- Della Riccia, Angelo, Brussels, Belgium. System for automatically controlling the speed of electric motors. 1,926,668; Sept. 12.
- Dellenbaugh, Frederick S., jr., Brookline, Mass. Apparatus for obtaining direct current from alternating current. 1,929,057; Oct. 3.
- Deller, Anthony W., et al. (See Kahn, Samuel, assignor.)
- Deller, Maria, Golders Green, London, England, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Surgical hosiery. 1,913,108; June 6.
- Dellert, Louis, Brooklyn, N. Y. Nested chair. 1,911,224; May 30.
- Dellert, Louis, Brooklyn, N. Y. Nestable chair. 1,941,340; Dec. 26.
- Delles, William J., Schenectady, N. Y., assignor to General Electric Company. Manufacturing blade ring structures. 1,901,704; Mar. 14.
- Delling, Paul R., Haddon Heights, N. J. Steam generation. 1,893,133; Jan. 3.
- Delling, Paul R., Haddonfield, N. J., and H. W. Lindemann, Gary, Ind.; said Lindemann assignor to said Delling. Boiler. 1,937,553; Dec. 5.
- Dellinger, Martin C., et al. (See Cannady, Daniel, assignor.)
- Dellinger, Martin C. (See Kulp, H. W., and Dellinger.)
- Dellove, Robert, Paris, France. Manufacturing reinforced glass sheets. 1,934,682; Nov. 14.
- Del Mar, Harry, New York, N. Y. Radiator. 1,920,365; Aug. 1.
- Del Mar, William A., Greenwich, Conn., assignor to Habirshaw Cable & Wire Corporation, New York, N. Y. Method of and apparatus for improving the electrical properties of cables. 1,892,663; Jan. 3.
- Del Mar, William A., Greenwich, Conn., assignor to Habirshaw Cable and Wire Corporation, New York, N. Y. Shielded rubber insulated cable. 1,922,726; Aug. 15.
- Del Monico, Alphonse, New York, N. Y. Bottle or the like. Des. 91,167; Dec. 12.
- De Loach, Bert H., et al. (See Foss, Leland L., assignor.)
- De Loach, Douglas D., Jacksonville, Fla. Semiautomatic oil pressure control clutch. 1,913,268; June 6.
- De Loe, Oliver P. (See Simkins, H. D., and De Loe.)
- De Long, Frank E., Washingtonville, Pa. Bottle stopper. 1,911,354; May 30.
- De Long, Frank E., Washingtonville, Pa. Hairpin. 1,930,469; Oct. 17.
- De Long, Frank E., Washingtonville, Pa. Garment fastening device. 1,933,586; Nov. 7.
- De Long Hook and Eye Company, The. (See O'Brien, James A., assignor.)
- De Long, James. (See Maintz, Wilhelm, assignor.)
- De Long, Robert B., Cleveland, Ohio. Applying a metal stripe to a vehicle body. 1,908,226; May 9.
- De Long, Robert B., Cleveland, Ohio. Metal stripe. 1,928,883; Oct. 3.
- De Lore, Casper P., Clayton, assignor to National Pigments & Chemical Company, St. Louis, Mo. Dressing barytes ore. 1,930,709; Oct. 17.
- De Lotto, John. (See Murray, S. G., and De Lotto.)
- Delpech, Gaston, Nemours, assignor to The Societe "Quartz & Silice", Paris, France. Apparatus for the drawing of tubular articles. 1,894,853; Jan. 17.
- Del Plaine, Parker H., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Bleaching tanner's wool. 1,912,345; May 30.
- Delplanque, Edmond, Paris, France. Carburetor nozzle. 1,925,583; Sept. 5.
- Delray Corporation. (See Pleretti, George, assignor.)
- Del Riccio, Lorenzo, assignor to Paramount Publix Corporation, New York, N. Y. Mechanism for the automatic focusing of cameras. 1,925,524; Sept. 5.
- Del Sonno, Michael R., New York, N. Y. Tuning device. 1,912,263; May 30.
- Delta Electric Company. (See Wiley, L. M., and Wharton, assignors.)
- Delta Manufacturing Company. (See Tate, James, assignor.)
- Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
- Delta & Fine Land Company of Mississippi. (See Harris, Thomas H., assignor.)
- Delta Star Electric Company, The. (See Alsaker, Alfred, assignor.)
- Delta Star Electric Company, The. (See Alsaker, A., and Corneliusen, assignors.)
- Delta-Star Electric Company, The. (See Alsaker, A., and Corneliusen (called Cornell).)
- Delta Star Electric Company, The. (See Alsaker, A., Hampton, and Kerner, assignors.)
- Delta-Star Electric Company. (See Alsaker, A., and Holmes, assignors.)
- Delta-Star Electric Company, The. (See Alsaker, A., and Nordhem, assignors.)
- Delta Star Electric Company. (See Carlisle, George L., assignor.)
- Delta-Star Electric Company, The. (See Otte, Emil C., assignor.)
- Delta Star Electric Company, The. (See Rah, Joseph, assignor.)
- Delta Star Electric Company. (See Rah, Joseph C., assignor.)
- Delta-Star Electric Company. (See Sumpter, John E., assignor.)
- Delta-Star Electric Company. (See Sumpter, J. E., and Alsaker, assignors.)
- Delta Star Electric Company. (See Thompson, E. J., and Markese, assignors.)
- Delta-Star Electric Company. (See Van Rosen, Hugo, assignor.)
- Del-Turco, Cosimo R., assignor of one-half to the French Society Legendre Vin & Guetet, Paris, France. Preparing esters of high gravity from castor oil. 1,936,831; Nov. 28.
- De Luca, Pasquale, Pittstown, Pa. Support for accordions. 1,895,705; Jan. 31.

- De Lukacsevics, Charles, assignor to Lillian Byrne, Detroit, Mich. Friction element. 1,899,239; Feb. 28.
- Del Valle y Desvervigne, Andreas, Habana, Cuba. Signaling device for vehicles. 1,894,737; Jan. 17.
- Del Vecchio, Ambrogio, Hawthorne, N. Y. Collapsible tent and frame. 1,900,335; Mar. 7.
- Demag Aktiengesellschaft. (See Heetkamp, Heinrich, assignor.)
- Demag Aktiengesellschaft. (See Wilsing, Paul, assignor.)
- Demag Aktiengesellschaft. (See Wissmann, Kurt, assignor.)
- Demant, Jules E., Cuise-Lamotte, assignor to Bozel-Maletra Societe Industrielle de Produits Chimiques, Paris, France. Manufacture of dichromates. 1,924,710; Aug. 29.
- Demant, Jules E., Cuise-Lamotte, assignor to Bozel-Maletra Societe Industrielle de Produits Chimiques, Paris, France. Manufacture of alkaline dichromates. 1,935,082; Nov. 14.
- De Marchi, Arturo, Minneapolis, Minn. Terrazzo grinder. 1,936,449; Nov. 21.
- De Marchi, Mario, Biella, Italy. Syringe for hypodermic medical injections. 1,934,046; Nov. 7.
- De Marco, Louis, assignor of fifteen per cent to P. A. Secor, Cleveland, Ohio. Carburetor. 1,922,569; Aug. 15.
- De Marco, Nicola G., assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Coat belt. 1,919,503; July 25.
- Demaree, Harry S., Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,907,642; May 9.
- Demaree, Harry S., Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,907,643; May 9.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 1,898,118; Feb. 21.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Selective signaling system. 1,908,326; May 9.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 1,914,407; June 20.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Control apparatus for radioreceivers. 1,931,604; Oct. 24.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Multiplex signaling system. 1,934,685; Nov. 14.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Gas-filled discharge tube. 1,938,741; Dec. 12.
- Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Gas-filled discharge tube. 1,938,742; Dec. 12.
- Demarest, William G., Plainfield, N. J. Building block and wall construction. 1,896,770; Feb. 7.
- De Mattia, Barthold, Passaic, N. J. Vulcanizing apparatus. 1,893,762; Jan. 10.
- De Mattia, Barthold, Passaic, N. J. Vulcanizing press. 1,909,574; May 16.
- De Mattia, Barthold, Passaic, N. J., assignor to The Goodyear Tire & Rubber Company. Tire shaping and air bag inserting machine. 1,897,690; Feb. 14.
- De Mattia, Peter, Passaic, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Tire vulcanizing apparatus. 1,925,995; Sept. 5.
- De Mattia, Peter, Passaic, N. J., assignor, by mesne assignments, to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 1,939,670; Dec. 19.
- De Mattia, Peter, Passaic, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 1,940,582; Dec. 19.
- De May, Ray. (See Ostria, J., and De May.)
- Demcak, Andrew, assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Furniture leg or similar article. Des. 90,064; June 6.
- De Mees, Jean B., Berchem-Antwerp, Belgium. Apparatus for raising liquids. 1,895,027; Jan. 24.
- De Ment, Olive M., Decatur, Ill. Lingerie strap holder. 1,900,979; Mar. 14.
- De Merolis, Joseph, and A. Di Lizio, Philadelphia, Pa. Illuminated shoe. 1,933,243; Oct. 31.
- De Mers, Clayton D., assignor to Taylor Instrument Companies, Rochester, N. Y. System of wood pulp digester control. 1,911,145; May 23.
- De Mers, Clayton D., and R. E. Olson, assignors to Taylor Instrument Companies, Rochester, N. Y. Regulating system. 1,936,049; Nov. 21.
- Demers, Isale J. B., St. Paul, Minn. Cream cooler. 1,906,450; May 2.
- Demers, Isale J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Strainer. 1,918,836; July 18.
- Demers, Isale J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Constructing strainer supports. 1,937,486; Nov. 28.
- Demers, Leo J. (See Griffith, D. W., and Beattie, assignors.)
- Demers, Octave F., Bristol, Conn. Can opener. 1,903,984; Apr. 18.
- De Meulenaere, Marcel, Coq-sur-Mer, Belgium. Window shutter. 1,940,583; Dec. 19.
- Deming Company, The. (See Randolph, A., and Dawson, assignors.)
- Deming, William L., Salem, Ohio. Game board. Des. 90,752; Sept. 26.
- Demint, James H., assignor to The Ridgely Trimmer Company, Springfield, Ohio. Hinge for table extension leaves. 1,906,552; May 2.
- Demka, Robert, and R. Knapp, Buffalo, N. Y. Pressure filling machine. 1,898,004; Feb. 21.
- Demkier, Lester A., and D. L. Meyers, assignors to The Adams Company, Dubuque, Iowa. Change speed gear box. 1,917,507; July 11.
- De Moe Engineering Laboratories, Inc., The. (See McKnight, R. R., and Webber, assignors.)
- De Monge, Gerard, Brussels, Belgium, assignor to Fabrica Italiana Magneti Marelli, Societa Anonima, Milan, Italy. Power transmission mechanism. 1,900,165; Mar. 7.
- De Monge, Gerard, Brussels, Belgium, assignor to Fabrica Italiana Magneti Marelli, Societa Anonima, Milan, Italy. Chamber of variable volume. 1,902,323; Mar. 21.
- De Monge, Gerard, Brussels, Belgium, assignor to Fabrica Italiana Magneti Marelli, Societa Anonima, Milan, Italy. System for transmitting movement. 1,902,356; Mar. 21.
- De Montmollin, Guillaume, J. Danuser, G. Bonhôte, and H. Johner, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Unsulphonated diacylated diamines and making same. 1,899,856; Feb. 28.
- De Moos, Charles, Fort Lee, assignor to Pathe Exchange, Inc., Bound Brook, N. J. Automatic synchronizing mechanism for film printing machines. 1,916,919; July 4.
- De Mooy, John, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Throttle valve. 1,923,919; Aug. 22.
- Demori, Gay. (See Newschaffer, R., and Demori.)
- Dempsey, Arthur E., Jr., Council Bluffs, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Compressor valve. 1,938,218; Dec. 5.
- Dempsey, Edwin A., Towson, Md. Motor vehicle brake. 1,939,605; Dec. 12.
- Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Mold for cylinder packing. 1,910,525; May 23.
- Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Mold for flat packing. 1,910,526; May 23.
- Dempsey, William T., Philadelphia, Pa. Bookmark. 1,894,533; Jan. 17.
- Dempster, Charles B., and W. Elliott, assignors to Dempster Mill Manufacturing Company, Beatrice, Nebr. Furrow seeding machine. 1,897,421; Feb. 14.
- Dempster, Charles B., and H. M. Loeber, assignors to Dempster Mill Manufacturing Company, Beatrice, Nebr. Road maintainer. 1,934,488; Nov. 7.
- Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Welding apparatus. 1,919,978; July 25.
- Dempster Mill Manufacturing Company. (See Dempster, Charles B., and Elliott, assignors.)
- Dempster Mill Manufacturing Company. (See Dempster, C. B., and Loeber, assignors.)
- Dempster Mill Manufacturing Company. (See Elliott, William, assignor.)
- Dempster Mill Manufacturing Company. (See Loeber, H. M., and Elliott, assignors.)
- De Muth, Eugene. (See Siemann, Henry M., assignor.)
- De Nagy, Bela, assignor of thirty-eight and one-fourth per cent to N. M. Molnar, New York, and twenty-two and one-half per cent to N. Bruckner, Astoria, N. Y. Brushing and polishing machine. Des. 90,308; July 18.
- Dendler, Ralph E., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Draft and buffing mechanism for mine cars. 1,917,876; July 11.
- Denels, Robert, New York, N. Y. Latching means for cigarette cases or the like. 1,926,839; Sept. 12.
- De Neu, Dickie, Grundy County, Iowa. Hog-ringing tool. 1,931,576; Oct. 24.
- De Niederhäusern, Georges, assignor to the Firm Durand & Huguenin S. A., Basel, Switzerland. Production of fast dyes with ester-salts of leuco vat-dyestuffs. 1,917,101; July 4.
- Deninson, Jacob Z. A., New York, N. Y. Vehicle. 1,928,412; Sept. 26.
- De Nio, Edgar, Woodford, N. Y. Scraping and cleaning implement. 1,902,766; Mar. 21.
- Denisoff, Alexander J., Ardley, N. Y., assignor to The Diamond Match Company, Baltimore, Md. Match and ash tray or similar article. Des. 88,860; Jan. 3.
- Denison, Arthur C. (See Fuller, C. M., and Denison.)
- Denham, Elmer, Sacramento, Calif. Combination seat, table, and canopy-stand. 1,933,959; Oct. 31.
- Denk, Ralph G., Peru, Ind. Pressure relief valve. 1,926,373; Sept. 12.
- Denk, Ralph G., Peru, Ind. Combined filter and check valve. 1,927,582; Sept. 19.
- Denman, Catherine E. (See Denman, George E. and C. E.)
- Denman, Charles S. (See Conrath, George A., assignor.)
- Denman, George E. and C. E., Oakland, Calif. Gaseous fuel mixer. 1,937,875; Dec. 5.
- Denman, Elmer, Sacramento, Calif. Canopy support. 1,932,958; Oct. 31.
- Denmead, John W. (See Palmer, T. A., and Denmead.)
- Denmire, Harold A., assignor to The General Tire & Rubber Company, Akron, Ohio. Vulcanizing apparatus. 1,931,923; Oct. 24.

- Denmire, Harold A., assignor to The General Tire & Rubber Company, Akron, Ohio. Bead flipper machine. 1,931,924; Oct. 24.
- Denne, Mark T., G. C. Thwaites and S. H. Chambers, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Evening and grading machine. 1,937,815; Dec. 5.
- Dennedy, James H., Springfield, Mass., assignor to Rotorite Corporation, Chicago, Ill. Sealed coupling. 1,894,943; Jan. 24.
- Dennett, Forrest B., Lynn, Mass. Last. 1,933,098; Oct. 31.
- Denney, Courtlandt F., assignor to Foster Wheeler Corporation, New York, N. Y. Oil fractionating. 1,899,081; Feb. 28.
- Denney, Jacob F., Fort Recovery, Ohio. Calculating device. 1,913,140; June 6.
- Denney, Shelby H. (See Denney, Willard H. and S. H.)
- Denney, Willard H. and S. H., Troy, Ohio. Article handling device. 1,907,347; May 2.
- Denning, Paul S., Joliet, Ill. Apparatus for coloring and drying roofing granules. 1,931,754; Oct. 24.
- Denning, Paul S., assignor to F. E. Schundler, Joliet, Ill. Coloring granular and other material. 1,898,345; Feb. 21.
- Denning, Paul S., assignor to F. E. Schundler, Joliet, Ill. Coating for walls of asphalt containers. 1,916,970; July 4.
- Denning, Paul S., assignor to F. E. Schundler, Joliet, Ill. High temperature cement. 1,916,971; July 4.
- Dennis, Alfred A., Grand Rapids, Mich. Veneer joining machine. 1,903,373; Apr. 4.
- Dennis, Alfred A., Grand Rapids, Mich. Tape gluing machine. 1,913,022; June 6.
- Dennis, Charles H., Jackson, Mich., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rake. 1,904,860; Apr. 18.
- Dennis, Edwin L., Reserve, La. Automatic fluid pressure control. 1,914,082; June 13.
- Dennis, Elmer A. (See Dennis, John W., and E. A.)
- Dennis, John R., Providence, R. I., assignor to International Braid Company, Wick. 1,936,663; Nov. 28.
- Dennis, John W. (See Sibson, W. W., and Dennis.)
- Dennis, John W., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Form for drying hosiery and the like. 1,906,553; May 2.
- Dennis, John W. and E. A., Erick, Okla. Antifreeze mixture for motor vehicle radiators. 1,896,291; Feb. 7.
- Dennis, Laurence S., Los Angeles, Calif. Anchor plug. 1,930,470; Oct. 17.
- Dennis, William C., assignor to Claybourn Process Corporation, Milwaukee, Wis. Safety device for pressure systems. 1,900,229; Mar. 7.
- Dennis, William J., Chicago, Ill. Guides for window screen sashes. 1,911,752; May 30.
- Dennison, Brook J., Tarentum, Pa., assignor to Duplate Corporation. Acid grooving safety glass. 1,930,587; Oct. 17.
- Dennison, Lawrence I., Brookfield, and C. F. Dreyer, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 1,894,025; Jan. 10.
- Dennison Manufacturing Company. (See Conoyer, George J., assignor.)
- Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
- Dennison Manufacturing Company. (See Morse, Andrew D., assignor.)
- Denniston, Adolph L., Chicago, Ill., assignor, by mesne assignments, to Stromberg Electric Company. Clock mechanism. 1,908,964; May 16.
- Denny, Mark E., assignor to The Barkelew Electric Manufacturing Company, Middletown, Ohio. School traffic gate. 1,933,244; Oct. 31.
- Den Outer, Marius, The Hague, Netherlands. Shorthand typewriting or stenographic machine. 1,899,232; Feb. 28.
- Dénoyel, Marguerite, Venissieux, near Lyon, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. Pl. Pt. 62; May 2.
- Denoyer, Levinus P., Kenilworth, Ill. Globe-mounting means. 1,894,854; Jan. 17.
- Denoyer, Levinus P., Chicago, Ill. Globe-mounting means. 1,916,097; June 27.
- Denslow, Albert C., New York, assignor to Staten Island Shipbuilding Co., Staten Island, N. Y. Beverage cooling apparatus. 1,917,927; July 11.
- Denslow, Albert C., New York, assignor to Staten Island Shipbuilding Co., Staten Island, N. Y. Refrigerating system. 1,930,225; Oct. 10.
- Denstädt, Friedrich. (See Denstädt, Hermann and F., and Welchert.)
- Denstädt, Hermann and F., and M. Welchert, Neubrandenburg, Germany. Machine for setting rows of plants deeper. 1,906,139; Apr. 25.
- Dent Hardware Company, The. (See Schrader, Thomas O., assignor.)
- Dent, Harry M., Buffalo, N. Y., assignor to General Plastics, Inc. Making phenolic condensation products. 1,894,088; Jan. 10.
- Dent, Harry M., Buffalo, assignor to General Plastics, Inc., North Tonawanda, N. Y. Composite article and bonding with resin solutions. 1,917,020; July 4.
- Dent, John, National Military Home, Los Angeles County, Calif. Loom rewarping attachment, automatic warp tension plate and sectional guide. 1,916,362; July 4.
- Dent, Leonard M. E., and A. MacKenzie, London, England. Golf bag. 1,939,488; Dec. 12.
- Dental Plastics Company. (See Harrison, Laurence E., assignor.)
- Dentists' Supply Company of New York, The. (See Green, Arthur W., assignor.)
- Denton, Edward C. H., Newton Center, and A. H. Clime, Brookline, Mass. Advertising novelty. Des. 90,872; Oct. 17.
- Denton, Geoffrey P., Rickmansworth, England. Producing Expanded rubber material. 1,905,269; Apr. 25.
- Denton, Geoffrey P., Rickmansworth, England. Buoyant life preserver. 1,931,406; Oct. 17.
- Denton, Joseph A., Milwaukee, Wis. Movable lumber stacker. 1,918,800; July 18.
- Denver Equipment Co., The. (See Daman, A. C., and Smith, assignors.)
- Denver Equipment Company, et al. (See Garrett, Alva, assignor.)
- Denver Equipment Company et al. (See Liva, James, assignor.)
- Denver Fire-Clay Company, The. (See Butz, Charles H., assignor.)
- Denwitt, I. (See Dunlea, John M., assignor.)
- Denzer, Ludwig, Hamburg, Germany. Type pad for typewriters. 1,900,046; Mar. 7.
- Denzler, Arthur H., Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,913,432; June 13.
- Denzler, Arthur H., Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,936,187; Nov. 21.
- De Ong, Elmer R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Insecticide. 1,917,754; July 11.
- De Orlow, Stephen, Lansing, Mich. Liquid level indicator. 1,900,433; Mar. 7.
- De Orlow, Stephen, Lansing, Mich. Liquid level indicator. 1,911,555; May 30.
- De Orlow, Stephen, East Lansing, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Hood fastener. 1,905,220; Apr. 25.
- De Orlow, Stephen, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 1,905,814; Apr. 25.
- De Orlow, Stephen, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 1,905,815; Apr. 25.
- De Paemelaere, Arthur, Gardena, Calif. Time controlled switch. 1,933,717; Nov. 7.
- De Palo, Vincent, Brooklyn, N. Y. Dough product. Des. 91,058; Nov. 21.
- De Pape, Ferdinand, Ucle, assignor to la Soudure Electrique Autogene Societe Anonyme, Brussels, Belgium. Saline coatings and making the same. 1,898,427; Feb. 21.
- De Pape, Ferdinand, assignor to La Soudure Electrique Autogene, Sté Ame, Brussels, Belgium. Process for the manufacture of fusible electrodes for electric arc welding of aluminium and the like having a saline coating. 1,911,886; May 30.
- De Pape, Ferdinand, assignor to La Soudure Electrique Autogene, Sté Ame, Brussels, Belgium. Manufacturing saline coatings for the electric arc welding of aluminium silicon alloys and the like. 1,936,010; Nov. 21.
- Depasse, Henri, Neuilly-sur-Seine, France. Shaving brush having a reservoir for the soap. 1,906,140; Apr. 25.
- Depew, Charles. (See Ronci, V. L., and Depew.)
- Depew, Charles, Oakland, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Support for filament assemblies. 1,927,084; Sept. 19.
- Depew, Harlan A. (See Stutz, G. F. A., and Depew.)
- De Philipps, Joseph, New York, N. Y. Fountain brush. 1,905,960; Apr. 25.
- De Philipps, Joseph, New York, N. Y. Reservoir applicator. 1,921,912; Aug. 8.
- Deppe, William P. (See Musso, Alfred, assignor.)
- De Pree, Lee. (See Stewart, L. C., and De Pree.)
- Depriest, Lafayette O., et al. (See Sprague, Joseph J., and E. W., assignors.)
- De Rabot, John L., Philadelphia, Pa. Motor mount. 1,894,904; Jan. 17.
- De Raef Corporation. (See Fear, Ernest D., assignor.)
- Derby, Ira H., assignor to P. C. Reilly, Indianapolis, Ind. Electrothermic process of treating high resistance material. 1,899,233; Feb. 28.
- Derby, Ira H., assignor to P. C. Reilly, Indianapolis, Ind. Distilling fluent materials and producing coke. 1,900,047; Mar. 7.
- Derby, Ira H., assignor to P. C. Reilly, Indianapolis, Ind. Heat insulation material. 1,923,420; Aug. 22.
- Derby, John H., Scarsdale, N. Y. Thermostatic device. 1,938,583; Dec. 12.
- Derby, Norman L., Long Island City, N. Y. Joining layers of sheet metal. 1,940,850; Dec. 26.
- Derby, P. Company. (See Travers, Lewis C., assignor.)
- De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Switch for radio phonograph sets. 1,905,689; Apr. 25.
- De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Molding machine for pulp. 1,894,089; Jan. 10.

- De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Drying apparatus. 1,915,648; June 27.
- De Regnauld de Bellescize, Henri J. J. M., Neuilly-sur-Seine, France. Signal receiving system. 1,922,282; Aug. 15.
- De Regnauld de Bellescize, Henri J. J. M., Neuilly, France. Electric relay. 1,925,954; Sept. 5.
- De Remer, J. G., Research Corporation. (See Warner, Lawrence E., assignor.)
- Dereser, Richard. (See Herz, R., Albrecht, and Dereser.)
- De Riccio, Eduardo R., Berlin, Germany. Electric heating and cooking appliance. 1,904,205; Apr. 18.
- De Ridder, Ernst, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Apparatus for producing shaped sections of uniform thickness from sheet metal strips. 1,909,930; May 23.
- De Ridder, Ernst, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Welding metal articles. 1,936,083; Nov. 21.
- De Ridder, Ernst, and H. Altwick, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Alloy. 1,905,445; Apr. 25.
- De Right, Elon J. (See Olson, C. S., and De Right.)
- Dering, Henry, executor. (See Levy, S. I., and Millar.)
- Dering, Henry O., Staines, assignor to Superfine Chemicals Limited, London, England. Manufacture of crystalline materials. 1,922,283; Aug. 15.
- Deringer, Frederick E. (See Deringer, John P. and F. E.)
- Deringer, John P., New York, and F. E. Deringer, Sherrill, N. Y. Strap wrench. 1,911,815; May 30.
- Derman, Harry, Laurelton, Long Island, N. Y. Built-up container. 1,935,099; Oct. 31.
- De Rome, Andre H., Quebec City, Quebec, Canada. Apparatus for brine freezing and icing or glazing edibles. 1,922,795; Aug. 15.
- De Rougé, Charles R. A. M., Vousses Par Mercues, France. Stabilizing device for aircraft. 1,919,831; July 25.
- Derr, Ralph B. (See Callis, C. C., and Derr.)
- Derry, Gardner C., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Heat exchange apparatus. 1,894,026; Jan. 10.
- Derry, Jasper, Medford, assignor to Andrew Tarkelsen, Newton Center, Mass. Machine for wrapping tire beads. 1,935,239; Nov. 14.
- Dersen, Heinrich, St. Tonis, near Krefeld, assignor to the Firm Maschinenfabrik Carl Zangs, Aktiengesellschaft, Krefeld, Germany. Machine for winding disk coils. 1,941,391; Dec. 26.
- Dershem, James A., Orchard, Colo. Wheeled scraper. 1,933,662; Nov. 7.
- Dershem, James A., Orchard, Colo. Leveler. 1,933,663; Nov. 7.
- Derst, Edward J., Savannah, Ga. Package for frosted cakes. 1,927,435; Sept. 19.
- De Ryss, Emil, Scarsdale, N. Y. Spurious coin detector and ejector. 1,896,392; Feb. 7.
- De Ryss, Emil, Scarsdale, N. Y. Change making or token vending machine. 1,934,489; Nov. 7.
- De Saettone, Mitilde I. O., Buenos Aires, Argentina. Valve system for closing bottles, flasks, or like receptacles. 1,927,774; Sept. 19.
- Désagnat, Gaston, Paris, France. Process and product for lining walls and other surfaces. 1,930,740; Oct. 17.
- De Salardi, Albert B., Wilkinsburg, Pa., assignor to Mackintosh-Hemphill Company. Flying shear and control system therefor. 1,913,153; June 6.
- De Saugy, Humbert F., Paris, France. Method and device for cooling gases by contact with a liquid. 1,920,682; Aug. 1.
- De Saussure Equipment Company. (See De Saussure, William P., Jr., assignor.)
- De Saussure, William P., Jr., Englewood, N. J., assignor to De Saussure Equipment Company, West New York, N. J. Table. 1,899,082; Feb. 28.
- De Saussure, William P., Jr., Englewood, assignor to De Saussure Equipment Company, West New York, N. J. Coat rack. 1,911,109; May 23.
- De Saussure, William P., Jr., Englewood, assignor to De Saussure Equipment Company, West New York, N. J. Folding table. 1,930,741; Oct. 17.
- De Saussure, William P., Jr., Englewood, assignor to De Saussure Equipment Company, West New York, N. J. Table. 1,930,742; Oct. 17.
- De Saussure, William P., Jr., Englewood, assignor to De Saussure Equipment Company, West New York, N. J. Hat and coat rack. 1,940,584; Dec. 19.
- Desautels, Charles H., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Cutter for extruding machines. 1,900,434; Mar. 7.
- Desautels, Charles H., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire building method. 1,900,435; Mar. 7.
- De Schebeko, Alex, Chicago, Ill. Tool. 1,915,154; June 20.
- Deschênes, Alfred, Cap-A-L'Aigle, Quebec, Canada. Safety device for submarine boats. 1,926,229; Sept. 12.
- Desenberg, Josef, Cologne, Germany. Machine for grinding and polishing optical lenses, spectacle glasses, and the like. 1,906,050; Apr. 25.
- Deseniss, Max. (See Beckmann, W., Deseniss, and Nielsen.)
- De Shano, Ray J., Wyandotte, Mich. Automatic safety brake. 1,922,570; Aug. 15.
- De Sherbinin, Eric M., Merion, Pa., V. E. Pearson, Buffalo, N. Y., and E. H. Ingram, Philadelphia, Pa., assignors, by mesne assignments, to H. K. de Sherbinin. Nut threading machine with straight shank tap. 1,912,764; June 6.
- De Sherbinin, Helen K. (See de Sherbinin, E. M., Pearson, and Ingram, assignors.)
- De Sherbinin, Helen K. (See Ingram, E. H., and Pearson, assignors.)
- De Sherbinin, William N., Hastings-upon-Hudson, N. Y. Adjustable supporting mechanism for lamps. 1,893,071; Jan. 8.
- De Sherbinin, William N., Hastings-upon-Hudson, N. Y. Lamp shade supporting device. 1,903,985; Apr. 18.
- Design Laboratories, Incorporated. (See Favreau, Walter, assignor.)
- De Silva, Joseph A., assignor to Corning Glass Works, Corning, N. Y. Manufacture of drawn glass. 1,920,366; Aug. 1.
- De Silva, Roberto, San Antonio, Tex., assignor to Little Bear Specialties Company. Toy. 1,923,019; Aug. 15.
- De Sino, Martin, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Producing hydrogen and carbon monoxide. 1,899,184; Feb. 28.
- Desimone, Anthony J. (See Koretzky, H., Horowitz, and Desimone.)
- Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Hoboken, N. J. Flash light. Des. 90,527; Aug. 22.
- Deslauriers Column Mould Co. (See Quick, George L., assignor.)
- Desmarais, Joseph V., New Bedford, Mass. Window construction. 1,893,763; Jan. 10.
- Desmond, John J., Hubbard Woods, Ill., assignor to Line Material Company, South Milwaukee, Wis. Gang operated switch. 1,903,095; Mar. 28.
- Desnoyers, Emery G., West Springfield, and H. E. Nims, Springfield, assignors to The Fiberloid Corporation, Indian Orchard, Mass. Making decorated tubular objects. 1,934,047; Nov. 7.
- Desouches, Gerard, assignor to Cartier, Societe Anonyme, Paris, France. Lock clasp for jewels and similar articles. 1,926,804; Sept. 12.
- Desoutter Brothers Limited. (See Desoutter, Charles, assignor.)
- Desoutter, Charles, assignor to Desoutter Brothers Limited, London, England. Artificial limb. 1,911,440; May 30.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric snap switch. Des. 89,683; Apr. 25.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric convenience outlet. Des. 89,684; Apr. 25.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric push button. Des. 89,877; May 16.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric pilot light fixture. Des. 90,021; May 30.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Card holder. 1,930,610; Oct. 17.
- Despatis, Roch. (See Pfeiffer, Solomon, assignor.)
- Despret, Georges P., Paris, assignor to Compagnies Reunies des Glaces & Verres Speciaux du Nord de la France, Boussois-sur-Sambre, Nord, France. Gilding plates used in rolling machines and pouring tables for manufacturing plate glass and the like. 1,933,167; Oct. 31.
- Des Roches, Philip W., Detroit, Mich. Compression type refrigeration system. 1,892,874; Jan. 3.
- Des Rosiers, John B., Providence, R. I. Controlling means for vehicle wheel brakes. 1,904,359; Apr. 18.
- Dessau, Einar, Copenhagen, Denmark. Producing and reproducing films for the reproduction of picture films in combination with sound films (Talking films). 1,924,110; Aug. 29.
- Dessel, Sylvan C., Livingston, Calif., assignor to International Harvester Company. Mower. 1,923,921; Aug. 22.
- Desselmann, Walter H., St. Louis, Mo. Window seat. 1,936,501; Nov. 21.
- Dessureau, Joseph T. (See Flanders, A. M., and Dessureau.)
- De Staebler, Herbert, Webster Groves, Mo. Hide stretcher. 1,911,556; May 30.
- D'Este, John N., Milo, M., and W. R. Tower, Newton, assignors to Jiffy Pad & Excelsior, Inc., Boston, Mass. Heat-insulated paper bag and making the same. 1,899,892; Feb. 28.
- Destel, Richard M. (See Drake, Alfred E., assignor.)
- Destel, Richard M. (See Drake, A. E., and Destel.)
- De Stubner, Emile, New York, N. Y. Colored soluble cellulose and making same. 1,914,489; June 20.
- Detachable Bit Corporation of America. (See Rea, Walter C., assignor.)
- De Tar, Donald R., Collingswood, N. J., assignor to General Electric Company. Instrument control element. Re18,815; May 2.
- Deters, John L. (See Clark, G. H., and Deters.)
- Dethier, Joseph, Brussels, Belgium. Regulator for winding on installations. 1,903,588; Apr. 11.
- Det Norske Aktieselskab for Elektrokemisk Industrie. (See Grolée, Jean, assignor.)
- Detroit Power Die Company. (See Purdy, Emmett G., assignor.)

- Detroit Dental Manufacturing Company. (See Kerr, Robert M., assignor.)
- Detroit Edison Company, The. (See James, Robert F., assignor.)
- Detroit Edison Company, The. (See Walker, James H., assignor.)
- Detroit Gasket & Mfg. Co. (See Balfe, George T., assignor.)
- Detroit Gear & Machine Company. (See Blood, H. E., Buchanan, and Mapson, assignors.)
- Detroit Gear & Machine Company. (See Kilpela, Ano E., assignor.)
- Detroit Harvester Company. (See Horste, Joseph E., assignor.)
- Detroit Hume Pipe Co. (See Lytell, B. L., and Robinson, assignors.)
- Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
- Detroit Lubricator Company. (See Eggleston, L. W., and Dillman, assignors.)
- Detroit Lubricator Company. (See Weber, Walter H., assignor.)
- Detroit Metal Specialty Corporation. (See Walter, Herbert, assignor.)
- Detroit Michigan Stove Company. (See Maul, Henry C., assignor.)
- Detroit and Security Trust Company et al., executors. (See Horton, Allen A.)
- Detroit and Security Trust Co., executor. (See Johnson, Chester F.)
- Detroit Show Case Company. (See McDonald, Angus N., assignor.)
- Detroit Steel Products Company. (See Barclay, Gustaf I., assignor.)
- Detroit Steel Products Company. (See Frazier, Kenneth S., assignor.)
- Detroit Steel Products Company. (See Kelly, Clyde W., assignor.)
- Detroit Steel Products Company. (See Randall, William C., assignor.)
- Detroit Steel Products Company. (See Robinson, Claude A., assignor.)
- Detroit Steel Products Company. (See Rockhoff, Bert E., assignor.)
- Detroit Stoker Company. (See Beers, Royce L., assignor.)
- Detroit Trust Company. (See Fehr, Roy B., assignor.)
- Detroit Trust Company. (See Finn, Edward D., assignor.)
- Detroit Trust Company (by change of name). (See Johnson, Chester F.)
- Detroit Trust Company. (See Page, Alfred C., assignor.)
- Detroit Trust Company, et al., executors. (See Bundy, Harry W.)
- Detroit Trust Company et al., executors. (See Horton, Allen A.)
- Detroit Vapor Stove Company. (See Sherman, Alvin G., assignor.)
- Dettelbach, Samuel E., et al. (See Jaworowski, Joseph F., assignor.)
- Dettelbach, Edward E., Los Angeles, Calif. Foot arch support. 1,940,941; Dec. 26.
- Dettenborn, Paul, Berlin-Steglitz, Germany, assignor to General Electric Company. Elastic fluid power plant. 1,915,052; June 20.
- Detting, Joseph J., assignor to The General Tire & Rubber Company, Akron, Ohio. Repairing tire casings. 1,899,676; Feb. 28.
- Dettwyler, William, Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparing pyranthrone. 1,931,021; Oct. 17.
- Detweiler, Abraham L., Fulton, Mo. Form puller. 1,907,048; May 2.
- Detwiler, William F., Tarentum, Pa., assignor to Allegheny Steel Company. Treatment of silicon steel. 1,912,129; May 30.
- Deubel, Joseph, Clifton, assignor of seven and one-half one-hundredths to J. Schofield, seven and one-half one-hundredths to T. Smith, five one-hundredths to A. T. Smith, Midland Park, and ten one-hundredths to V. E. Bullen, Paterson, N. J. Rotary pump. 1,936,467; Nov. 21.
- Deubener, Walter H. (See Fischer, Howard L., assignor.)
- Deucher, Eugene G., Cleveland, assignor to The Universal Crane Company, Lorain, Ohio. Crane frame. 1,919,360; July 25.
- Deucher, Joseph O. (See Van Zale, G., Young, Deucher, R. E. and J. O.)
- Deucher, Roy E. (See Van Zale, G., Young, Deucher, R. E. and J. O.)
- Deuser, Robert, and A. Thewalt, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric and Manufacturing Company. Alternating current relay. 1,934,526; Nov. 7.
- Deuta-Werke vorm. Deutsche Tachometerwerke G. m. b. H. (See Keller, Fritz, assignor.)
- Deutman, Frank R., St. Louis, Mo., assignor to Swann Research, Inc. Free flowing monocalcium phosphate. 1,913,796; June 13.
- Deutsch-Atlantische Telegraphengesellschaft. (See Smith, W. S., Garnett, and Randall, assignors.)
- Deutsch, Fritz, Memphis, Tenn. Oil ring for pistons. 1,894,672; Jan. 17.
- Deutsch, Fritz, Memphis, Tenn., assignor, by mesne assignments, to Sparta Foundry Company, Sparta, Mich. Drive roll for ring splitting machines. 1,908,695; May 16.
- Deutsch Gold-und Silber-Scheideanstalt vormals Roessler. (See Roka, Koloman, assignor.)
- Deutsch, Hans. (See Herrmann, W. O., and Deutsch.)
- Deutsch, Hans, assignor to the Firm Alex Friedmann, Vienna, Austria. Preheater or economizer for locomotives. 1,903,696; Apr. 11.
- Deutsch, Hans, assignor to Firm: Alex Friedmann, Vienna, Austria. Boiler feed apparatus with exhaust steam preheater. 1,903,697; Apr. 11.
- Deutsch, Leo, Beaver, Pa. Apparatus for cleaning containers. 1,899,019; Feb. 28.
- Deutsch, Leonhard, Vienna, Austria. Coupling device for keyboards. 1,902,840; Mar. 28.
- Deutsch, Michael J., St. Paul, Minn. Automobile jack. 1,927,561; Sept. 19.
- Deutsch, Morris, Detroit, Mich., assignor to Swift and Company, Chicago, Ill. Branding device. 1,919,688; July 25.
- Deutsch, Simon, assignor to The Electric Sprayit Company, South Bend, Ind. Spraying device. 1,899,749; Feb. 28.
- Deutsch, Walther, Frankfurt-on-the-Main, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitating apparatus. 1,931,436; Oct. 17.
- Deutsch, William, Detroit, Mich. Demountable shaving brush. 1,911,557; May 30.
- Deutsche Edeltahlwerke Aktiengesellschaft. (See Fetkenheuer, Bruno, assignor.)
- Deutsche Gasluhllicht-Auer-Gesellschaft m. b. H. (See Kindermann, Erich, assignor.)
- Deutsche Gasluhllicht-Auer-Gesellschaft m. b. H. (See Neumann, Oskar, assignor.)
- Deutsche Gasluhllicht-Auer-Gesellschaft m. b. H. (See Wolf, M., and Riehl, assignors.)
- Deutsche Gasolin Aktiengesellschaft. (See Brunck, R., Kreutzer and Boeck, assignors.)
- Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. (See Fuchs, Otto, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Gorhan, Adolf, assignor.)
- Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. (See Hundt, Willi, assignor.)
- Deutsche Gold- und Silber-Scheidenanstalt vormals Roessler. (See Querfurth, Wilhelm, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Roka, Koloman, assignor.)
- Deutsche Gold und Silber-Scheideanstalt, vormals Roessler. (See Seb, Josef, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Varga, Josef, assignor.)
- Deutsche Gold & Silber Scheideanstalt, vormals Roessler. (See Vieweg, Karl, assignor.)
- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Walter H., and Schulz, assignors.)
- Deutsche Hydrierwerke Aktiengesellschaft. (See Bakonyi, Stefan, assignor.)
- Deutsche Telefonwerke und Kabelindustrie Aktiengesellschaft. (See Hamann, Christel, assignor.)
- Deutsche Telefonwerke und Kabelindustrie Aktiengesellschaft. (See Hochfeld, Arno, assignor.)
- Deutscher Luftsportverband e. V. (See Lippisch, Alexander, assignor.)
- Deutscher, William F., New York, N. Y. Aeroplane construction. 1,893,275; Jan. 3.
- Deutscher, William F., New York, N. Y. Floor cleaner. 1,938,068; Dec. 5.
- Deutschemeister, Abraham, New York, N. Y. Advertising carrier. 1,894,027; Jan. 10.
- Deutschemeister, Abraham, New York, N. Y. Advertising carrier. 1,894,028; Jan. 10.
- Deutschemeister, Abraham, Bronx, N. Y. Advertising and carrier device. 1,914,803; June 20.
- Deval, Jacques. (See Boultan, J. D., and Digeon.)
- De Vaultier, Simon, New York, N. Y., assignor to Godefroy Manufacturing Company, St. Louis, Mo. Bottle. 90,464; Aug. 8.
- De Vault, George I., Chicago, Ill. Tire chain. 1,934,173; Nov. 7.
- Devendor, John A. and W. A. Jackson Heights, N. Y. Jewel setting device. 1,908,824; May 16.
- Devendor, William A. (See Devendor, John A. and W. A.)
- Dévé, Charles, Paris, France. Projection apparatus. 1,931,955; Oct. 24.
- De Vere, Andrew, Pontiac, Mich., assignor to The Willys Overland Company, Toledo, Ohio. Tool reciprocator. 1,927,793; Sept. 19.
- Deveraux Corporation, The. (See Faber, Anthony J., assignor.)
- Deveraux, William C., Detroit, Mich. Doorlatch construction. 1,899,317; Feb. 28.
- Deveraux, William C., Detroit, Mich. Doorlatch mechanism. 1,917,436; July 11.
- Deveraux, William C., Detroit, Mich. Doorlatch construction. 1,917,437; July 11.
- Deveraux, William C., Detroit, Mich. Doorlatch mechanism. 1,917,438; July 11.
- Deveraux, William C., Detroit, Mich. Doorlatch construction. 1,939,542; Dec. 12.

- Devers, Philip K. (See Hooper, I. F., Niedergesass, and Devers.)
- Devers, Sidney W. (See Ferrari, A., and Devers.)
- De Vilbiss Company, The. (See Custer, Fred, assignor.)
- De Vilbiss Company, The. (See Eastman, Ivan L., assignor.)
- De Vilbiss Company, The. (See Roselund, Harold A., assignor.)
- De Vilbiss Company, The. (See Schmitt, Joy B., assignor.)
- De Vilbiss Company, The. (See Schmitt, J. B., and Brown, assignors.)
- De Vilbiss Company, The. (See Tracy, Robert W., assignor.)
- De Vilbiss Company, The. (See Vuilleminot, Frederic A., assignor.)
- De Vilbiss, John M., Modesto, Calif. Can punch. 1,895,378; Jan. 24.
- De Ville, Edward J., Dayton, Ohio, assignor to Permutit Company, New York, N. Y. Automatic water softener. 1,910,004; May 23.
- Devillers, René J., Paris, France, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor vehicle provided with four independent wheels. 1,915,649; June 27.
- Devincenzi, Albert A., San Francisco, Calif. Flexible vise. 1,933,718; Nov. 7.
- De Vine, Daniel C. (See Jessop, G. A., and De Vine.)
- Devine, James H., Champaign, Ill., assignor to Dev-Insular Company, St. Louis, Mo. Lunch box. 1,896,393; Feb. 7.
- Devine, James J., Allenton, Mo., assignor to M. B. Fulcher, Chicago, Ill. Starting device for internal combustion engines. Re18,897; July 18.
- Devine, James J., Allenton, Mo., assignor to Mary Baker Fulcher, Chicago, Ill. Starting device for internal combustion engines. 1,909,855; May 16.
- Devine, J. P., Manufacturing Company. (See Sleeper, Oliver S., assignor.)
- Devine, Walter J., Harrisburg, Pa. Shoe. Des. 91,234; Dec. 26.
- Devine, William P., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for covering articles with sheet material. 1,935,833; Nov. 21.
- Dev-Insular Company. (See Devine, James H., assignor.)
- De Vlieg, Charles B., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 1,912,033; May 30.
- De Vlieg, Gerard A., Rockford, Ill. Tool spindle fixture. 1,927,924; Sept. 26.
- Devlin, Daniel D., and R. W. Pittman, New York, N. Y. Self-opening and closing mouthpiece for collapsible tubes. 1,934,045; Nov. 7.
- Devlin, Eugene S., New York, N. Y. Culinary accessory. 1,928,851; Oct. 3.
- Devlin, Frank J., Forest Hills, N. Y. Display device. 1,919,321; July 25.
- Devlin, Henry, Company. (See Devlin, Henry, assignor.)
- Devlin, Henry, Saginaw, assignor, by mesne assignments, to Henry Devlin Company, Flint, Mich. Trunk type hinge. 1,930,308; Oct. 10.
- De Voe, Albert H., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hemstitch and embroidery seam. 1,920,784; Aug. 1.
- De Voe, Albert H., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 1,923,080; Aug. 22.
- De Voe, Albert H., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Chain-stitch sewing machine. 1,940,899; Dec. 19.
- De Voe, George E., Grand Rapids, assignor to Winters & Crampton Manufacturing Company, Grandville, Mich. Refrigerator latch. 1,925,308; Sept. 5.
- De Voe, George E., Grand Rapids, assignor to Winters & Crampton Manufacturing Company, Grandville, Mich. Refrigerator latch. 1,929,775; Oct. 10.
- De Voe, John M., Greenwich, Conn., assignor to United States Tobacco Company, New York, N. Y. Commodity package. 1,897,692; Feb. 14.
- De Voe, William E., assignor to Riley Stoker Corporation, Worcester, Mass. Driving mechanism. 1,926,435; Sept. 12.
- De Vol, James C., assignor to The Sani-Tile Company, Inc., Louisville, Ky. Tile. 1,936,471; Nov. 21.
- Devol, Lee, Wilkinsburg, assignor to The Union Switch & Signal Company, Pittsburgh, Pa. Electric control system. 1,900,406; Mar. 7.
- Devol, Lee, Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric filtering apparatus. 1,906,250; May 2.
- Devon Manufacturing Company. (See Ajam, Mustafa J., assignor.)
- Devon Manufacturing Company. (See Lundgaard, Ivar, assignor.)
- De Vou, James L., Pittsburgh, Pa. Erection apparatus. 1,899,456; Feb. 28.
- De Vou, James L., Pittsburgh, Pa. Locomotive crane derrick car. 1,925,629; Sept. 5.
- De Vou, James L., Pittsburgh, Pa. Tractor derrick combination. 1,933,472; Oct. 31.
- De Vout, Anson W., and R. W. Regensburger, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Egg tray. 1,901,705; Mar. 14.
- De Vout, Anson W., and R. W. Regensburger, assignors to Swift and Company, Chicago, Ill. Egg breaker's table. 1,934,915; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Lamp stand or similar article. Des. 90,975; Nov. 7.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Blacksmith box or similar article. Des. 91,015; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Block table or similar article. Des. 91,016; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Table or similar article. Des. 91,017; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Table or similar article. Des. 91,018; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Rack or similar article. Des. 91,019; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Smoker's stand or similar article. Des. 91,020; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Drop leaf table or similar article. Des. 91,021; Nov. 14.
- De Vries, Herman E., New York, N. Y., assignor to H. T. Cushman Mfg. Co., North Bennington, Vt. Book trough or similar article. Des. 91,022; Nov. 14.
- De Vries, Walter, Berlin, Germany, assignor to General Electric Company. Plural motor drive. 1,922,885; Aug. 15.
- De Vry, Herman A., Chicago, Ill. Stereoscope. Des. 90,191; June 27.
- De Vulitch, Vladimir A., Paris, France. Clamping collar. 1,915,720; June 27.
- De Waele, Armand, Old Southgate, London, assignor to D. Gestetner, Limited, London, England. Vulcanized or sulphurized oil composition. 1,910,005; May 23.
- De Waide, Hal, Portland, Ore. Dispenser for rolled sheet material. 1,912,363; June 6.
- Dewald, Edward A., Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Metal ribbon machine. 1,922,531; Aug. 15.
- Dewald, Edward A., Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Fin winding machine. 1,930,161; Oct. 10.
- Dewandre, Albert, Liège, Belgium. Subordinate control device acting by reaction for use in servo-motors. 1,928,248; Sept. 26.
- Dewar, Alexander H., Blackheath Park, England. Manufacture of materials suitable for floor coverings and for other purposes. 1,906,224; May 2.
- De Wasmundt, Wladimir, Paris, France. Two-stroke cycle internal combustion engine. 1,921,510; Aug. 8.
- Deweese, George W., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Connected bearing. 1,908,474; May 9.
- De Wees, Russell J., Dallas, Tex. Push bar. 1,928,149; Sept. 26.
- De Weese, Walter E., Cleveland, Ohio. Superheater attachment for internal combustion engines. 1,936,472; Nov. 21.
- Dewend, William D., South Bend, Ind., assignor, by mesne assignments, to Oliver Farm Equipment Company. Offset tandem harrow. 1,940,207; Dec. 19.
- De Werth, Charles H., Bronx, N. Y. Closure fastener operator. 1,899,234; Feb. 28.
- De Wet, Ina K., Mount Marlow, P. O. Witmos Rail, Union of South Africa. Bathing cap. 1,926,937; Sept. 12.
- Dewey and Almy Chemical Company. (See Almy, Richard, assignor.)
- Dewey and Almy Chemical Company. (See Day, Robert M., assignor.)
- Dewey and Almy Chemical Company. (See Dewey, Bradley, assignor.)
- Dewey and Almy Chemical Company. (See Neiley, Stephen B., assignor.)
- Dewey and Almy Chemical Company. (See Slagle, Willard J., assignor.)
- Dewey and Almy Chemical Company. (See Tucker, George R., assignor.)
- Dewey and Almy Chemical Company. (See Wescott, William B., assignor.)
- Dewey, Bradley, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Making rubber-fiber articles. 1,917,755; July 11.
- Dewey, George D., East Milton, Mass. Device for rocking the bodies of motor vehicles. 1,893,932; Jan. 10.
- Dewey, Haywood G., and J. G. Jones, assignors to Eastman Kodak Company, Rochester, N. Y. Film backing paper making machine. 1,905,446; Apr. 25.
- De Wilde, Frederick P., Sheboygan, Wis. Safety control for motor vehicles. 1,901,554; Mar. 14.
- De Wind, Norman, assignor to The Parsons Company, Newton, Iowa. Earth discharging mechanism for excavators. 1,917,508; July 11.
- Dewis, Edwin J. (See MacKenzie, L. F., Wells, and Dewis.)
- De Witt, Alexel. (See Wassileff, V., and De Witt.)
- De Witt, Camille C., Kalamazoo, Mich. Diaper. 1,928,330; Sept. 26.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 1,902,120; Mar. 21.

- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fastener setting machine. 1,924,982; Aug. 29.
- De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 1,933,664; Nov. 7.
- De Wolfe, Harvey A., Santa Ana, Calif. Multiple drive for motor vehicles. 1,896,664; Feb. 7.
- De Wolfe, Mark C., Oakland, Calif. Concrete placing equipment. 1,921,351; Aug. 8.
- De Wrangel, Vladimir, and L. Saharoff, Paris, France; said Saharoff assignor to said De Wrangel. Transmission for electrically driven talking machines. 1,926,971; Sept. 12.
- Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)
- Dexdale Hosiery Mills. (See Berger, W. J., Matthews, and Spayd, assignors.)
- Dexter, Albert J., Springfield, assignor to R. W. Borden and C. A. Dana, receivers for the Fisk Rubber Company, Chicopee Falls, Mass. Collapsible chuck and tire former. 1,913,374; June 13.
- Dexter Folder Company. (See Kast, E. R. and McElroy, assignors.)
- Dexter Folder Company. (See Perry, John, assignor.)
- Dexter, MacDougald, Columbus, Ga., assignor to Dexter Ventilator Company. Continuous ridge ventilator. 1,917,218; July 11.
- Dexter Ventilator Company. (See Dexter, MacDougald, assignor.)
- De Ybarroondo, Vincent C., assignor to Patco, Inc., Los Angeles, Calif. Apparatus for magnetically recording motion pictures. 1,917,509; July 11.
- Deyo, Alfred E., San Francisco, Calif. Rock drill. 1,913,267; June 6.
- De Zeler, Arthur. (See Jwanouskous, J. J., and De Zeler.)
- Deszendorf, Richard L., Hollis, N. Y. Meter indicator. 1,936,425; Nov. 21.
- D'Hallo, Audoin, Paris, France, assignor to International Safety Lock Nut Corporation, New York, N. Y. Screw stud locking device. 1,895,845; Jan. 31.
- D'Hallo, Audoin, Paris, France, assignor to International Safety Lock Nut Corporation, New York, N. Y. Bolt and nut clamping device. 1,919,205; July 25.
- D'Hallo, Audoin, Paris, France, assignor to International Safety Lock Nut Corporation, New York, N. Y. Lock-nut device. 1,919,621; July 25.
- D'Hallo, Audoin, Paris, France, assignor to International Safety Lock Nut Corporation, New York, N. Y. Lock nut. 1,927,705; Sept. 19.
- Diack, William K. (See Umbach, L. H., and Diack.)
- Diagonal Corrugated Patent Corporation. (See Wagner, Joshua, assignor.)
- Diamant, Nicholas S., Detroit, Mich. Radiator. 1,905,447; Apr. 25.
- Diamond Chain and Manufacturing Company. (See Mize, George G., assignor.)
- Diamond Electrical Manufacturing Company. (See Pengilly, J. H., Maechten, and Miller, assignors.)
- Diamond, Harry, Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Adjusting radio beacon courses. 1,910,427; May 23.
- Diamond, Harry, Washington, D. C., and F. G. Kear, Minersville, Pa., assignors to The Government of the United States, as represented by the Secretary of Commerce. Triple-modulation directive radio beacon system. 1,913,918; June 13.
- Diamond, Harry I. (See Russell, G. E., and Diamond.)
- Diamond, Harry, and F. W. Dunmore, Washington, D. C., assignors to the Government of the United States. Course shift-indicator for the double-modulation type radiobeacons. 1,923,920; Aug. 22.
- Diamond, Hymen, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuel burner system. 1,936,784; Nov. 28.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Belt lacing holder. 1,894,981; Jan. 24.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Link belt. 1,898,035; Feb. 21.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Joint or seam construction for drier felts and the like. 1,932,203; Oct. 24.
- Diamond, James K., assignor to Clipper Belt Lacer Company, Grand Rapids, Mich. Link belt. 1,940,297; Dec. 19.
- Diamond, Leonard. (See Hall, A., and Diamond.)
- Diamond, Louis, Pittsburgh, Pa. Beverage-dispensing apparatus. 1,935,545; Nov. 14.
- Diamond Machine Co. (See Stratton, Frank E., assignor.)
- Diamond Match Company, The. (See Barbiers, Ferdinand S., assignor.)
- Diamond Match Company, The. (See Bartel, Karl G., assignor.)
- Diamond Match Company, The. (See Denisoff, Alexander J., assignor.)
- Diamond Match Company, The. (See Donnelly, Joseph C., assignor.)
- Diamond Match Company, The. (See Paridon, Michael, assignor.)
- Diamond Power Specialty Corporation. (See Bowers, Frank, assignor.)
- Diamond Power Specialty Corporation. (See Brelsford, Harry E., assignor.)
- Diamond Power Specialty Corporation. (See Cooling, L. F., and Cox, assignors.)
- Diamond Power Specialty Corporation. (See Cox, S. F., and Robertson, assignors.)
- Diamond Power Specialty Corporation. (See Handoll, Percy G., assignor.)
- Diamond Power Specialty Corporation. (See Howse, Curtis L., assignor.)
- Diamond Power Specialty Corporation. (See Purcell, Thomas E., assignor.)
- Diamond Power Specialty Corporation. (See Snow, Norman L., assignor.)
- Diamond Power Specialty Corporation. (See Snow, N. L., and Thomas, assignors.)
- Diamond Power Specialty Corporation. (See Snow, N. L., and Cox, assignors.)
- Diamond Power Specialty Corporation. (See Snow, N. L., Powers and Howse, assignors.)
- Diamond Power Specialty Corporation. (See Thomas, Willis P., assignor.)
- Diamond Power Specialty Corporation. (See Vennum, George C., assignor.)
- Diamond, Thomas J., Denver, Colo. Battery terminal. 1,940,666; Dec. 26.
- Diapex Corporation, The. (See Straus, Alexander H., assignor.)
- Dias, John, Pescadero, Calif. Vegetable hiller. 1,939,958; Dec. 19.
- Diaz, Antonio, Habana, Cuba. Combination padlock. 1,920,250; Aug. 1.
- Diaz, Antonio, Habana, Cuba. Lock. 1,940,789; Dec. 26.
- Diaz, Cirilo H., Habana, Cuba. Electric glove. 1,915,721; June 27.
- Diaz, Octaviano, Antofagasta, Chile. Camera. 1,893,668; Jan. 10.
- Diaz, Reynaldo P., Habana, Cuba. Camera. 1,933,895; Nov. 7.
- Dibble, Charles E., Lynwood, Calif. Fumigating apparatus and process. 1,930,588; Oct. 17.
- Dibble, Clyde C., Indianapolis, Ind. Journal box. 1,917,510; July 11.
- Di Bellis, Frank, et al. (See Lattarulo, Giovanni, assignor.)
- Di Cara, Carmelo, Los Angeles, Calif. Submarine rescue suit. 1,915,818; June 27.
- Di Carlo, Donato, Philadelphia, Pa. Vehicle lighting fixture. 1,922,617; Aug. 15.
- Dichman, Ernest W., Farmingdale, N. Y. Aircraft. 1,927,309; Sept. 19.
- Dick, A. B., Company. (See Creed, George E., assignor.)
- Dick, A. B., Company. (See Gestetner, Sigmund, assignor.)
- Dick, A. B., Company. (See Marohn, George, assignor.)
- Dick, Bismarck, Melvindale, Mich. Fuel economizer. 1,893,072; Jan. 3.
- Dick, Burns, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake. 1,919,542; July 25.
- Dick, Burns, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 1,928,095; Sept. 26.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 1,898,036; Feb. 21.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Making hose connections. 1,901,088; Mar. 14.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston wrist pin retainer. 1,939,959; Dec. 19.
- Dick, Burns, and Steve Schnell, assignors to Wagner Electric Corporation, St. Louis, Mo. Hydraulic brake mechanism. 1,896,223; Feb. 7.
- Dick, Harold G. (See Carter, R. S., and Dick.)
- Dick, Le Roy I., Cleveland, assignor to The Cleveland Chain & Manufacturing Company, Garfield Heights, Ohio. Latching mechanism. 1,930,790; Oct. 17.
- Dick, Ralph W., assignor to Louis Rastetter & Sons Company, Fort Wayne, Ind. Folding chair. 1,926,840; Sept. 12.
- Dicke, Allen A., Montclair, N. J., assignor to Pioneer Heat Regulator Corporation. Thermostat. 1,931,464; Oct. 17.
- Dicke, Oscar H., Rochester, N. Y., assignor to Pioneer Heat Regulator Corporation. Thermostat. 1,925,715; Sept. 5.
- Dickens, James C., Goose Creek, assignor of one-half to W. C. Thomas, Houston, Tex. Releasable packer. 1,900,230; Mar. 7.
- Dickerson, Arthur, Logan, Utah. Carburetor. 1,892,828; Jan. 3.
- Dickerson, Arthur, Logan, Utah. Carburetor. 1,928,829; Oct. 3.
- Dickerson, Arthur, Los Angeles, Calif. Carburetor. 1,928,828; Oct. 3.
- Dickerson, Arthur S., Chagrin Falls, Ohio. Motor warmed windshield for vehicles. 1,909,931; May 23.
- Dickerson, Henry G. (See Warner, Charles F., assignor.)
- Dickerson, J., et al. (See Rush, Eugene, assignor.)
- Dickerson, Robert R., Ypsilanti, Mich. Toast buttering device. 1,910,885; May 23.
- Dickey, Albert W., Mount Vernon, assignor to The Western Union Telegraph Company, New York, N. Y. Speed-counting stroboscope. 1,931,789; Oct. 24.
- Dickey, Cromwell B., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Fertilizer. 1,922,909; Aug. 15.

- Dickey, Daniel A., Dayton, Ohio. Synchronized throttle control and control for reversible or adjustable pitch propellers. 1,935,620; Nov. 21.
- Dickey, John H., Wenatchee, Wash., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Apple tree. Pl. Pt. 57; Mar. 21.
- Dickhauser, Ewald. (See Jochum, K., Voss, Geier, and Dickhauser.)
- Dickhauser, Ewald. (See Kränzlein, G., Dickhäuser, and Voss.)
- Dickhäuser, Ewald. (See Voss, A., Dickhäuser, and Starck.)
- Dickhaut, Charles A., New York, N. Y., assignor to John Waldron Corporation, New Brunswick, N. J. Web tensioning means. 1,904,420; Apr. 18.
- Dickhaut, Charles A., Highland Park, assignor to John Waldron Corporation, New Brunswick, N. J. Smoothing device. 1,925,092; Sept. 5.
- Dickie, William A. (See Dreyfus, H., Dickie, and Taylor.)
- Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials. 1,920,188; Aug. 1.
- Dickie, William A., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Mordanting, weighting, and dyeing. 1,930,226; Oct. 10.
- Dickieson, Edward F., Jr., assignor to G. H. Hunt, Detroit, Mich. Controlling temperature of lubricants. 1,914,662; June 20.
- Dickinson, Allan B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Message register circuit for telegraph exchanges. 1,903,278; Apr. 18.
- Dickinson, Charles R., Glen Moore, Pa. Vacuum cleaner bag. 1,911,268; May 30.
- Dickinson, Edgar D., Beverly, Mass., assignor to General Electric Company. Nozzle diaphragm and the like and making the same. 1,932,264; Oct. 24.
- Dickinson, Fairleigh S., Rutherford, N. J. Bandage fastener. 1,921,999; Aug. 8.
- Dickinson, Joseph R., Hampton, Va., assignor to Newport News Shipbuilding and Dry Dock Company. Ventilator fitting. 1,921,457; Aug. 8.
- Dickinson, Lloyd W., assignor of one-half to M. K. Arford, Stone Lake, Wis. Combined cigarette extinguisher and ash receptacle. 1,905,271; Apr. 25.
- Dickinson, Merian H., Seattle, Wash. Fluid pressure multiple valve control. 1,927,700; Sept. 19.
- Dickinson, Merville S., Cornopolis, assignor to The Dravo Contracting Company, Pittsburgh, Pa. Punching press. 1,907,751; May 9.
- Dickinson, Robert C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,925,865; Sept. 5.
- Dickinson, Robert C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,927,888; Sept. 26.
- Dicks, Thomas A., assignor to Pittsburgh Screw and Bolt Corporation, Pittsburgh, Pa. Exhaust gas hub. 1,893,820; Jan. 10.
- Dickson, Bonner W. A., Little Bridgen, Bexley, assignor to Vickers-Armstrongs Limited, Westminster, England. Gun mounting for use on aircraft and other vehicles. 1,906,451; May 2.
- Dickson, George F., assignor to G. A. Pearson and L. Muter, Chicago, Ill. Marking containers for ice cream and the like. 1,902,543; Mar. 21.
- Dickson, John B., Huntington Woods, assignor to General Motors Research Corporation, Detroit, Mich. Catadioptric lens. 1,922,618; Aug. 15.
- Dickson, John G., San Diego, Calif. Grinding head and drive. 1,897,891; Feb. 14.
- Dickson, Robert F., Leominster, Mass., assignor to Dupont Viscoloid Company, Wilmington, Del. Decorated plastic sheetings. 1,936,351; Nov. 21.
- Dickson, William C., Evanston, Ill. Detector mechanism for nail head capping machines. 1,910,681; May 23.
- Dictaphone Corporation. (See Lucarelle, J. M., and Ecklund, assignors.)
- Dictaphone Corporation. (See Lucarelle, J. M., and Renholdt, assignors.)
- Dictaphone Corporation. (See Motyl, Joseph, assignor.)
- Dictaphone Corporation. (See Roberts, Henry P., assignor.)
- Dictograph Products Company. (See Koch, Henry, assignor.)
- Dictograph Products Co. (See Ring, Fred, assignor.)
- Didler-Werke Aktiengesellschaft. (See Ackermann, Hugo, assignor.)
- Diebenkorn, Richard C., assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Sherbet glass or similar article. Des. 89,613; Apr. 18.
- Diebenkorn, Richard C., assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Tumbler or similar article. Des. 89,614; Apr. 18.
- Diebold Safe & Lock Company, The. (See Abbott, A. L., and Miller, assignors.)
- Diebold Safe & Lock Company. (See Hoy, H. H., and Adams, assignors.)
- Diebold Safe & Lock Company. (See Miller, William C., assignor.)
- Diebold Safe & Lock Company, The. (See Roos, Adolph J., assignor.)
- Dieckmann, Edna W., Orange, N. J. Electric plug aperture indicator. 1,917,638; July 11.
- Dieckmann, Thomas W., Lakewood, assignor to The Jaeger Machine Company, Columbus, Ohio. Road paving form. 1,909,458; May 16.
- Diederich, Gerald H., Kansas City, Kans. Adjustable nozzle. 1,923,425; Aug. 22.
- Diederichs, Gustave, Ste-Colombe-les-Vienne-on-the-Rhone, France. Weft feeler for automatic looms for weaving. 1,912,262; May 30.
- Diederichs, Gustave, Ste-Colombe-les-Vienne-on-the-Rhone, France. Tongue for shuttles for looms for weaving. 1,933,418; Oct. 31.
- Diedrich, Paul. (See Dohrn, M., and Diedrich.)
- Diefenbach, Ernst. (See Kraenzlein, G., and Diefenbach.)
- Diefenbach, Ernst. (See Kränzlein, G., Corell, and Diefenbach.)
- Diefenbach, Ernst. (See Kränzlein, G., Vollmann, and Diefenbach.)
- Diefenderfer, Wilbur P. (See Schantz, G. M., and Diefenderfer.)
- Diegel, John M., Minneapolis, Minn. Circuit closer attachment for valves. 1,908,891; May 16.
- Diegoli, Manlio. (See Fasoli, M., and Diegoli.)
- Diehl, Arthur, Milwaukee, Wis. Humidifier. 1,919,777; July 25.
- Diehl, Charles R., Detroit, Mich. Safety razor. 1,910,428; May 23.
- Diehl, Claus. (See Diehl, C., and Dalmer.)
- Diehl, Conrad, Heroldsberg, Germany. Bandage. 1,914,596; June 20.
- Diehl, Frederick, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electrically lighted vacuum cleaner. 1,934,048; Nov. 7.
- Diehl, Frederick, Elizabeth, and J. M. Naul, Fanwood, assignors to Diehl Manufacturing Company, Elizabeth, N. J. Two-speed phonograph driving device. 1,929,092; Oct. 3.
- Diehl, Harry L. (See Matthews, Guy L., assignor.)
- Diehl, Herman H., assignor to The West Virginia Rail Company, Huntington, W. Va. Road form. 1,911,146; May 23.
- Diehl, J. F., et al. (See Prescott, Ford L., assignor.)
- Diehl, Johannes F., Herborn, assignor to the Firm of Berkenhoff & Dresdes A. G., Asslar, near Wetzlar-on-the-Lahn, Germany. Method and machinery for drawing wire. 1,924,839; Aug. 29.
- Diehl, John C., Erie, Pa., assignor to American Meter Company, New York, N. Y. Orifice meter. 1,916,920; July 4.
- Diehl, John C., Erie, Pa., assignor to American Meter Company, New York, N. Y. Meter. 1,923,356; Aug. 22.
- Diehl Manufacturing Company. (See Diehl, F., and Naul, assignors.)
- Diehl Manufacturing Company. (See Elshoff, Bernard, assignor.)
- Diehl Manufacturing Company. (See Hanning, John, assignor.)
- Diehl Manufacturing Company. (See Karl, John D., assignor.)
- Diehl Manufacturing Company. (See Peets, Wilbur J., assignor.)
- Diehl, Walter S., U. S. Navy. Slotted ring cowling for air cooled engines. 1,915,298; June 27.
- Diehl, Walter S., Washington, D. C. Fluid-conducting passages. 1,940,790; Dec. 26.
- Diehl, William S., Shillington, assignor to Reading Hardware Corporation, Reading, Pa. Lock mechanism. 1,920,848; Aug. 1.
- Dieke, Hellmuth, Johnson City, and A. Zick, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Folding camera. 1,937,057; Nov. 28.
- Diekmann, Edwin F., Evansville, Ind. Stove. Des. 90,941; Oct. 31.
- Diekmann, Heinrich. (See Beck, C., and Diekmann.)
- Diekmann, Heinrich. (See Beck, C., Diekmann, and Kremp.)
- Diem-Bernet, Ulrich, Speicher, Switzerland. Device for displaying advertisements united in a strip. 1,910,757; May 23.
- Dieman, Arthur P., Milwaukee, Wis. Filter. 1,940,208; Dec. 19.
- Diener, Richard, Oxnard, Calif. Rose. Pl. Pt. 70; July 18.
- Diener, John A. (See Ringwald, Clarence, assignor.)
- Diener, John A., Evanston, Ill., assignor of one-half to H. E. Bucklen, Elkhart, Ind. Internal combustion engine. 1,906,251; May 2.
- Diener, John A., assignor to Bendix Stromberg Carburetor Company, Chicago, Ill. Fuel supply and indicating system. 1,925,955; Sept. 5.
- Dierichs, Alfred, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Acetic anhydride. 1,909,816; May 16.
- Dierkens, G., and C. Vanbecelaer, Newton, N. J. Let-off mechanism for looms. 1,907,518; May 9.
- Dierker, Hugh E., Ocean Park, assignor to E. F. Hughes, Los Angeles, Calif. Colon irrigator. 1,910,756; May 23.
- Dierks, Louis E., Oak Park, assignor to Sauerman Bros., Inc., Chicago, Ill. Excavator apparatus. 1,917,955; July 11.
- Dierschke, Alfred, Essen, Germany, assignor, by mesne assignments, to The Kopper Company of Delaware, Pittsburgh, Pa. Dry cooling of coke. 1,916,718; July 4.
- Dies, James W., Cedar Rapids, assignor, by mesne assignments, to Modern Maid Company, Fairfield, Iowa. Dish-washing machine. 1,934,916; Nov. 14.

- Diesbach, Fritz G., assignor to Krauth & Benninghofen, Hamilton, Ohio. Casing for an autographic register. Des. 91,102; Nov. 28.
- Diescher, S. & Sons. (See Diescher, Samuel E., assignor.)
- Diescher, Samuel E., assignor to S. Diescher & Sons, Pittsburgh, Pa. Tiplate feeding mechanism. 1,898,005; Feb. 21.
- Diescher, Samuel E., assignor to Diescher Tube Mills, Inc., Pittsburgh, Pa. Sinking tubes. 1,934,844; Nov. 14.
- Diescher Tube Mills, Inc. (See Diescher, Samuel E., assignor.)
- Diesel, William F., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Locking mechanism. 1,896,685; Feb. 7.
- Diesel, William F., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Multiple key lock. 1,901,229; Mar. 14.
- Diesel, William F., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Lock. 1,909,393; May 16.
- Dieserud, Helge C., Montclair, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,898,346; Feb. 21.
- Dieter, Paul W., New York, N. Y. Nut. 1,932,007; Oct. 31.
- Dieter, Paul W., New York, N. Y. Journal box. 1,935,546; Nov. 14.
- Dieter, William, Newark, N. J., assignor to E. W. Bliss Company. Can testing machine. 1,900,918; Mar. 14.
- Dieterich, Arthur B., East Moline, assignor to Deere & Company, Moline, Ill. Corn sheller. 1,917,636; July 11.
- Dieterich, Conrad A., Mount Vernon, N. Y. Radiator bracket. 1,892,762; Jan. 3.
- Dieterich Corporation, The. (See Dieterich, Ludwig M., assignor.)
- Dieterich, Hermann. (See Müller, R., Lübke, and Dieterich.)
- Dieterich, Ludwig M., Newark, N. J. Photographic production. 1,927,925; Sept. 26.
- Dieterich, Ludwig M., Newark, N. J., assignor to The Dieterich Corporation, New York, N. Y. Photographic production. 1,899,139; Feb. 28.
- Dieterle, Paul, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of cyanogen chloride. 1,938,324; Dec. 5.
- Dieterlen, Henry, Paris, France. Boiler. 1,933,419; Oct. 31.
- Dietmann, Paul W., Jonkoping, Sweden. Making match box covers. 1,907,519; May 9.
- Dietmann, Paul W., Jonkoping, Sweden. Match package and manufacturing same. 1,923,616; Aug. 22.
- Dietrich, Anton, Graz, assignor to the Firm Grazer-Waggon und Maschinen-Fabriks Aktiengesellschaft vormals Joh. Weitzer, Graz Styria, Austria. Apparatus for varying the leverage of the link and lever gearing of vehicle brakes. 1,937,267; Nov. 28.
- Dieterich, Clarence W., Saginaw, Mich. Vehicle headlight. 1,924,983; Aug. 29.
- Dieterich, Erich W., Chicago, Ill. Form clamp. 1,925,689; Sept. 5.
- Dieterich, Fred. (See Mercier, C., and Dieterich.)
- Dieterich, Harold E., and A. G. Hewitt, assignors to The Visking Corporation, Chicago, Ill. Drying apparatus. 1,908,892; May 16.
- Dieterich, Incorporated. (See Ericson, Eric W., assignor.)
- Dieterich, Incorporated. (See Olivier, Jules A., assignor.)
- Dieterich, Louis E. (See Duff, J. D., and Dieterich.)
- Dieterich, Raymond H., assignor to Continental Automobile Company, Detroit, Mich. Motor vehicle radiator inclosure. Des. 89,948; May 23.
- Dieterich, Wilhelm. (See Harder, M., and Dieterich.)
- Dieterich, Wilhelm. (See Luther, M., and Dieterich.)
- Dieterich, Wilhelm, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working up of oxidation products of hydrocarbons. 1,940,400; Dec. 19.
- Dieterich, Wilhelm, and M. Harder, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of products containing oxygen from mixtures thereof with hydrocarbons. 1,925,525; Sept. 5.
- Dieterichs, Charles, Little Ferry, N. J. Paint brush holder. 1,938,376; Dec. 5.
- Dieterichson, William F. (See Campbell, E. D., and Dieterichson.)
- Dieterichson, William F. (See Campbell, Edmund D., and Dieterichson.)
- Dieterichson, William F., Webster Groves, Mo., assignor to American Car and Foundry Company, New York, N. Y. Portable cooling apparatus. 1,894,674; Jan. 17.
- Dieterichson, William F., Webster Groves, Mo., assignor to American Car and Foundry Securities Corporation, Wilmington, Del. Railway car. 1,917,877; July 11.
- Dietz, Frank J., Baltimore, Md., assignor to Alvey Manufacturing Company, St. Louis, Mo. Conveying and loading device. 1,898,037; Feb. 21.
- Dietz, Gustav, West Hollywood, Calif., assignor of one-half to Walter Dietz, Long Island City, N. Y. Spotlight. 1,897,364; Feb. 14.
- Dietz, Peter, Lorain, Ohio. Screen and storm sash mounting for windows. 1,895,312; Jan. 24.
- Dietz, Peter, Lorain, Ohio. Screen or storm sash mounting for windows. 1,935,020; Nov. 14.
- Dietz, R. E., Company. (See Currie, Robert A., assignor.)
- Dietz, Valentin, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Planographic printing process. 1,892,875; Jan. 3.
- Dietz, Valentin, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Planographic printing process. 1,893,163; Jan. 3.
- Dietz, Walter. (See Dietz, Gustav, assignor.)
- Dietze, Emil, Richmond Hill, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Self-locking seal. 1,932,101; Oct. 24.
- Dietze, Richard, Berlin-Pankow, Germany, assignor to General Electric Company. Contact-making instrument and measuring device. 1,913,194; June 6.
- Dietzel, Erich, Cassel, Germany. Pulverized fuel furnace. 1,938,137; Dec. 5.
- Dietzgen, Eugene, Company. (See Langsner, Adolph, assignor.)
- Dieux, Jean, Paris, France. Device for the transformation of electric currents. 1,894,029; Jan. 10.
- Dieux, Jean, Paris, France. Amplifier. 1,896,743; Feb. 7.
- Dieux, Jean, Paris, France. Secret transmission of vibrated modulated currents. 1,933,100; Oct. 31.
- Diffenderfer, John K. E., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Grinding tool. 1,915,016; June 20.
- Diffenderfer, John K. E., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Grinding apparatus. 1,925,751; Sept. 5.
- Di Figlia, Vincent, Brooklyn, N. Y. Clamp. 1,895,410; Jan. 24.
- Digel, Eugene, Leonardo, N. J. Weapon. 1,909,932; May 23.
- Digeon, Pierre-A. (See Boularan, J. D., and Digeon.)
- Diggin, Myron B. (See Hogaboom, G. B., and Diggin.)
- Diggins, Harte H., Woodstock, Ill. Heater. 1,907,049; May 2.
- Diggles, George L. (See Garms, P., and Diggles.)
- Di Girolamo, Mario, R. H. Knaub, and W. L. Lawson, assignors to Whitehouse Leather Products Co., Inc., Brooklyn, N. Y. Check-book. 1,912,182; May 30.
- Di Ianni, Frank, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Paper uniting device for continuous rod cigarette machines. 1,899,185; Feb. 28.
- Dijksterhuis, Popko R. (See Strutt, M. J. O., and Dijksterhuis.)
- Dijksterhuis, Popko R., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric installation. 1,939,338; Dec. 12.
- Dike, Theodore W., New Westminster, British Columbia, Canada, assignor, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Uniting members. 1,922,668; Aug. 15.
- Dike, Theodore W., New Westminster, British Columbia, Canada, assignor, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Gluing. 1,923,922; Aug. 22.
- Dike, Theodore W., New Westminster, British Columbia, Canada, and C. N. Cone, assignors to Laminating Patents Corporation, Seattle, Wash. Rapid edge gluing wood sheets and the product thereof. 1,916,134; June 27.
- Dilatash, Charles N., Tyrone, Ark. Safe. 1,936,385; Nov. 21.
- Dilg, Charles H. J., New York, N. Y. Awning. 1,897,636; Feb. 14.
- Dilg, Charles H. J., New York, N. Y. Telephone set. 1,918,801; July 18.
- Dilg, George J., Los Angeles, Calif. Mounting for brackets. 1,933,719; Nov. 7.
- Dilger, Herman R. (See Edwards, J. M., and Dilger.)
- Diliberto, Joseph, Flushing, N. Y. Calendar attachment for writing instrumentalities. 1,939,543; Dec. 12.
- Di Lizio, Alexander. (See De Merolis, J., and Di Lizio.)
- Dilks, Charles F., Long Island City, N. Y. Acoustic diaphragm. 1,896,073; Feb. 7.
- Dilks, William H., Los Angeles, Calif. Valve cylinder oiler. 1,893,073; Jan. 3.
- Dill & Collins Co. (See Schwalbe, Hellmuth C., assignor.)
- Dill Manufacturing Company, The. (See Bronson, Adelbert E., assignor.)
- Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
- Dill Manufacturing Company, The. (See Crowley, J. C. and Bronson, assignors.)
- Dill Manufacturing Company, The. (See Crowley, J. C., and Williamson, assignors.)
- Dill Manufacturing Company, The. (See Hudson, Arthur J., assignor.)
- Dill Manufacturing Company, The. (See Williamson, Arthur P., assignor.)
- Dill, William. (See Hopp, L., and Dill.)
- Dillhoefer, Henry M., Cleveland Heights, Ohio. Container. 1,929,412; Oct. 10.
- Dilling, Henry E., Pittsburgh, Pa. Stair-tread device. 1,940,744; Dec. 26.
- Dillingham, Charles L., Indianapolis, Ind. Vehicle signal lamp. Des. 89,685; Apr. 25.
- Dillingham, Charles L., Indianapolis, Ind. Vehicle signal lamp. Des. 89,686; Apr. 25.
- Dillman, Earnest J. (See Eggleston, L. W., and Dillman.)

- Dillman, George L., deceased, San Francisco; M. A. W. Dillman, executrix, assignor of one-half to W. Dillman, Los Angeles, Calif., and one-half to A. G. Zimmerman, Norfolk, Va. Gyroscopic compass. 1,925,138; Sept. 5.
- Dillman, Mary A. W., executrix. (See Dillman, George L., assignor.)
- Dillman, Wallace L., et al. (See Dillman, George L., assignor.)
- Dillon, David C., New York, N. Y. Dressing table and mirror therefor. 1,930,925; Oct. 17.
- Dillon, Lyle, Los Angeles, and R. W. Phelps, Brea, assignors to Union Oil Company of California, Los Angeles, Calif. Well survey instrument. 1,928,971; Oct. 3.
- Dillon, Joseph H. (See Rose, G. E., and Dillon.)
- Dillon, Paul W., assignor to Northwestern Barbwire Co., Sterling, Ill. Wire drawing machine. 1,917,219; July 11.
- Dillon, Stephen V., Tulsa, Okla. Valve. 1,915,719; June 27.
- Dillon, Stephen V., Tulsa, Okla. Pipe coupling. 1,930,194; Oct. 10.
- Dillon, Warren K. (See Bell, C. W., and Dillon.)
- Dillow, Daniel E., Gruver, Tex. Road machine. 1,928,852; Oct. 3.
- Di Lorenzo, Nicholas V., Buffalo, N. Y. Electric heater and stove. 1,912,568; June 6.
- Dilts Machine Works, Inc. (See Haskell, John D., assignor.)
- Di Marco, Nicholas, et al. (See Wright, Leonard K., assignor.)
- Dimmick, Glenn L., Westmont, N. J., assignor to Radio Corporation of America. Oscillograph driving mechanism. 1,936,833; Nov. 28.
- Dimroth, Hermann. (See Kunz, M. A., Stroh, and Dimroth.)
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Aperture plate for power's projection machines. 1,898,173; Feb. 21.
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Combined ventilating and fire shutter for motion picture projection machines. 1,900,919; Mar. 14.
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Gate for motion picture machines. 1,900,920; Mar. 14.
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Gate on lens mounting apparatus for motion picture projection machines. 1,907,753; May 9.
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Tilting and adjusting device for motion picture apparatus. 1,907,754; May 9.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Motion picture projection machine structure. 1,905,816; Apr. 25.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Inclosing casing for operating mechanism of projection machines. 1,907,752; May 9.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Construction of pilot lamps for motion picture apparatus. 1,913,375; June 13.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Keying structure for motion picture projection machines. 1,921,866; Aug. 8.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Support and adjustment for speaking movie sound lens combination. 1,929,627; Oct. 10.
- Dina, Augusto, Jersey City, N. J., assignor to International Projector Corporation, New York, N. Y. Compound optical system for motion picture projection machines. 1,932,204; Oct. 24.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Resilient power transmission device. 1,932,205; Oct. 24.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Portable talking picture projector for motion-picture-projection machines. 1,933,545; Nov. 7.
- Dina, Augusto, Elizabeth, N. J., assignor to International Projector Corporation, New York, N. Y. Ventilating and fire shutter for motion picture projection machines. 1,938,813; Dec. 12.
- Dinesen, Laurits, Minneapolis, Minn. Self-contained vacuum tank and pump. 1,913,376; June 13.
- Dinger, Henry C., Annapolis, Md. Water tube steam boiler. 1,898,428; Feb. 21.
- Dinkler, August M., Waterbury, and C. S. Smith, Cheshire, Conn., assignors to The American Brass Company, Waterbury, Conn. Brazing solder. 1,904,360; Apr. 18.
- Dinner, Heinrich, Ennenda, assignor to the Firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Fuel injection device for internal combustion engines. 1,918,324; July 18.
- Dinsmore, Clarence B. (See Bacon, E. F., and Dinsmore.)
- Dinzl, Richard W., Margate City, N. J., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Press mechanism. 1,917,241; July 11.
- Dinzl, Richard W., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Valve-operating mechanism. 1,920,973; Aug. 8.
- Dinzl, Richard W., Margate City, N. J., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Hydraulic apparatus. 1,927,085; Sept. 19.
- Dion, Isale, Swansea, Mass. Square. 1,913,919; June 13.
- Diou, Julian, Newark, N. J. Extension ladder. 1,916,208; July 4.
- Diou, Julian, Newark, N. J. Mop. 1,929,917; Oct. 10.
- Dippman, Fred R., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley base. 1,918,837; July 18.
- D'Ippolito, John B., assignor of one-half to A. L. Joseph, Vineland, N. J. Changeable sheet bulletin board. Des. 90,402; Aug. 1.
- Di Rienzo, Ella, Brooklyn, N. Y. Toe-dancing slipper. 1,937,218; Nov. 28.
- Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Transmitter for automatic telegraph systems. 1,912,183; May 30.
- Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph receiving apparatus. 1,916,168; June 27.
- Dirkes, Robert F., Jamaica, N. Y., and Vernon R. Kimball, Palisade Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Receiving recorder. 1,931,790; Oct. 24.
- Dirks, Richard, Chemnitz, Germany. Measuring method. 1,922,933; Aug. 15.
- Disbrow, William C., jr. (See Wemlinger, J. R., and Disbrow.)
- Dischinger, Franz, Biebrich, assignor to the firm Carl Zeiss, Jena, Germany. Shell cupola. 1,940,401; Dec. 19.
- Dischinger, Franz, and Ulrich Finsterwalder, Weisbaden-Biebrich, assignors to the firm Carl Zeiss, Jena, Germany. Singly curved shells for the construction of roofs. 1,940,402; Dec. 19.
- Diskin, Harry B., and P. Frederick, New York, N. Y. Cable stretcher. 1,929,163; Oct. 3.
- Oiskin, Saul, New York, N. Y. Toilet article kit. 1,919,012; July 18.
- Disman, Butler, et al. (See Thompson, Roy G., assignor.)
- Disney, Roy O. (See Garity, William E., assignor.)
- Disney, Roy O., Hollywood, Calif. Scoring motion pictures. 1,913,048; June 6.
- Disney, Walt, Productions, Ltd. (See Disney, W. E., Jackson, and Garity, assignors.)
- Disney, Walter E., Los Angeles, W. E. Jackson, Glendale, and W. E. Garity, assignors to Walt Disney Productions, Ltd., Los Angeles, Calif. Method and apparatus for synchronizing photoplays. 1,941,341; Dec. 26.
- Dispersion Process, Inc. (See Maciver, Charles P., assignor.)
- Dispersions Process, Inc. (See Mitchell, John K., assignor.)
- Dispersions Process, Inc. (See Halstead, Ralph T., assignor.)
- Dispersions Process, Inc. (See Pratt, W. B., and Halstead, assignors.)
- Dissociators Inc., et al. (See Foulds, William C., assignor.)
- Disston, Henry & Sons, Incorporated. (See Charlton, Richard C., assignor.)
- Distillers Company Limited, The. (See Hutchinson, Henry B., assignor.)
- Distler, John C., et al., trustee. (See Wood, Henry A. W., assignor.)
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 1,893,494; Jan. 10.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door. 1,895,151; Jan. 24.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Hasp fastener. 1,898,347; Feb. 21.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Grain door for cars. 1,902,544; Mar. 21.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Grain door for cars. 1,902,545; Mar. 21.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Metal door construction. 1,902,546; Mar. 21.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 1,925,655; Sept. 5.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car door construction. 1,935,768; Nov. 21.
- Ditisheim, Gaspard P., Paris, France, assignor to Société Anonyme "Montres Clarté." Watchcase. 1,936,290; Nov. 21.
- Ditmore, George W., et al. (See Krause, A. M., and Rounds, assignors.)
- Dittmann, Henry W., North Bergen, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Bag or analogous article. Des. 90,838; Oct. 10.
- Dittmar, Elmer C., assignor to The Cromar Company, Williamsport, Pa. Method of and apparatus for bundling flooring. 1,900,980; Mar. 14.

- Dittmar, Irvin F., assignor to The Cromar Co., Williamsport, Pa. Machine for finishing flooring. 1,940,745; Dec. 26.
- Ditto Incorporated. (See Bates, Albert J., assignor.)
- Ditto Incorporated. (See Duncan, James K., assignor.)
- Ditto Incorporated. (See Carr, Kenneth W., assignor.)
- Ditto Inc. (See Jagger, Hubert, assignor.)
- Ditto, Incorporated. (See Weide, Rudolph, assignor.)
- Dittus, Fred W. (See Dittus, Karl G., assignor.)
- Dittus, Karl G., Los Angeles, assignor of one-half to Fred W. Dittus, Berkeley, Calif. Window adjustment for collapsible vehicle tops. 1,935,468; Nov. 14.
- Divine, Floyd W., et al. (See Rettew, Granville R., assignor.)
- Division of International Screw Company. (See Arenz, John A.)
- Divney, James J., and B. Jacoby, assignors to The Marion Steam Shovel Company, Marion, Ohio. Tumbler for crawling traction mechanism. 1,922,357; Aug. 15.
- Diwocky, Fred F. (See Sullivan, F. W., jr., and Diwocky.)
- Dix, Alfred, Gera, Germany. Method and a machine for grinding of tuning-tongues. 1,927,154; Sept. 19.
- Dix, Edgar H., jr. (See Nock, J. A., and Dix, jr.)
- Dix, Lawton A., New York, N. Y. Drier head. 1,900,166; Mar. 7.
- Dixie Brick Company. (See Minter, John E., assignor.)
- Dixie Dental Manufacturing Co. (See Levy, Arthur S., assignor.)
- Dixie Manufacturing Company. (See Steere, Raymond J., assignor.)
- Dixie Wax Paper Company. (See Moore, Stuart, assignor.)
- Dixon, Albert C., Santa Monica, Calif. Fuel tank. 1,894,675; Jan. 17.
- Dixon, Alfred, et al. (See Pirrone, Antonnio L. M., assignor.)
- Dixon, Andrew, Newcastle-upon-Tyne, England. Window cleaning device. 1,923,813; Aug. 22.
- Dixon, Arnold M. (See Mason, C. E., and Dixon.)
- Dixon, Charles F. (See Smith, H. B. and Dixon.)
- Dixon, Edna L., assignor to Speed-Up Geometry Ruler Co., Inc., Baltimore, Md. Educational drawing instrument. 1,899,318; Feb. 28.
- Dixon, Edward C., Lakewood, Ohio. Emergency lighting. 1,922,079; Aug. 15.
- Dixon, Ensls S. (See Swearingen, G. V., and Dixon.)
- Dixon, Fate, assignor of three-fifths to George M. Gregory, Durham, N. C. Immovable jaw wrench. 1,936,352; Nov. 21.
- Dixon, Fate, assignor of three-eighths to G. M. Gregory, and three-eighths to P. Dorton, Durham, N. C. Pipe wrench. 1,936,353; Nov. 21.
- Dixon, Harold W. A., Hollis, N. Y. Carbon paper. 1,925,235; Sept. 5.
- Dixon, Howard F., Buffalo, N. Y., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. 1,939,489; Dec. 12.
- Dixon, Israel K., Johnstown, Pa. Portable deraller. 1,938,488; Dec. 5.
- Dixon, John H., Bamberg, S. C. Air deflecting ventilator. 1,939,294; Dec. 12.
- Dixon, Joseph, Crucible Company. (See Thomsen, Jorgen E., assignor.)
- Dixon, Joseph, Crucible Company. (See Mix, F. H., and Windfuhr, assignors.)
- Dixon, Joseph O., assignor to Mummert-Dixon Co., Hanover, Pa. Compound tool. 1,939,490; Dec. 12.
- Dixon, Howell N. (See Young, H. S., and Dixon.)
- Dixon, Israel K. (See Bell, Edward, jr., assignor.)
- Dixon, Israel K., Johnstown, Pa. Tongue switch. 1,904,206; Apr. 18.
- Dixon, John B., Red Bank, and E. M. Honan, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing of electrical contacts. 1,901,901; Mar. 21.
- Dixon, John W., Indianapolis, Ind. Routing machine. 1,905,448; Apr. 25.
- Dixon, Joseph, Crucible Company. (See Daneke, William, assignor.)
- Dixon, Joseph, Crucible Company. (See Thomsen, J. E., and O'Laughlin, assignors.)
- Dixon, Joseph, Crucible Company. (See Van Dorn, H. B., and Mix, assignors.)
- Dixon, Robert, et al. (See Pirrone, Antonnio L. M., assignor.)
- Dixon, Thomas, et al. (See Pirrone, Antonnio L. M., assignor.)
- Dixon, Thomas Robert, Woodbridge, England. Malting of cereals. 1,914,244; June 13.
- Dixon, Harry, assignor to Rolscreen Company, Pella, Iowa. Plaster-channel installation for screen guides. Re18,716; Jan. 17.
- Dixon, Harry, assignor to Rolscreen Company, Pella, Iowa. Lower sash roll screen. 1,914,910; June 20.
- Djordjevitch, Jesdimir. (See von Becker, R., and Djordjevitch.)
- Doak, John H., Seaside, Oreg. Building blocks. 1,895,611; Jan. 31.
- Doane, Harry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Relay. 1,922,422; Aug. 15.
- Doane, Leon L., Butler, Pa., assignor to McIntosh Electrical Corporation. Effecting the bloodless removal of diseased tissue. 1,919,543; July 25.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Adjustable socket for lighting fixtures. 1,908,131; May 9.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting fixture. 1,918,455; July 18.
- Doane, Leroy C., Meriden, Conn., assignor to Sanitary Public Service Corporation, New York, N. Y. Coin controlled mechanism. 1,922,358; Aug. 15.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Transformer assembly for floor lamps and the like. 1,929,018; Oct. 3.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Connection for electrical appliances. 1,930,926; Oct. 17.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Electrical fitting. 1,930,927; Oct. 17.
- Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Collapsible reflector. 1,935,045; Nov. 14.
- Doba, Stephen, jr. (See Björnson, B. G., and Doba.)
- Doba, Stephen, jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 1,931,063; Oct. 17.
- Dobben, Pieter W., J. G. W. Mulder, and E. Oosterhuis, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifying discharge tube. 1,928,370; Sept. 20.
- Dobbie, Gavin C. G. (See Armstrong, A. D., and Dobbie.)
- Dobbin, Henry F. (See Reynolds, J. N., and Dobbin.)
- Dobeckmun Company, The. (See Anderson, Karl E., assignor.)
- Dobeckmun Company, The. (See Munson, John M., assignor.)
- Dobie, Gerald T. (See Riemer, G., and Dobie.)
- Doble, Abner, Berkeley, Calif. Thermostat construction. 1,911,066; May 23.
- Doble, Abner, Berkeley, Calif. Steam generator control. 1,927,205; Sept. 19.
- Doble Steam Motors Corporation. (See Doble, Warren, assignor.)
- Doble, Warren, Berkeley, Calif. Control. 1,927,206; Sept. 19.
- Doble, Warren, Emeryville, Calif. Steam raiser. 1,911,067; May 23.
- Doble, Warren, Emeryville, Calif. Burner. 1,918,326; July 18.
- Doble, Warren, Emeryville, Calif. Steam power plant. 1,927,204; Sept. 19.
- Doble, Warren, Emeryville, Calif., assignor to Doble Steam Motors Corporation, Wilmington, Del. Boiler. 1,903,807; Apr. 18.
- Doble, Warren, Emeryville, Calif., assignor to Doble Steam Motors Corporation, Wilmington, Del. Fluid cushion. 1,918,325; July 18.
- Doble, Warren, Oakland, Calif., assignor to Doble Steam Motors Corporation, Wilmington, Del. Normalizer. 1,898,083; Feb. 21.
- Doble, William A., jr., Berkeley, Calif. Defroster. 1,913,433; June 13.
- Doble, William A., jr., Berkeley, Calif. Fuel mixer. 1,917,577; July 11.
- Dobmaier, Karl. (See Clingstein, H., and Dobmaier.)
- Dobmaier, Karl. (See Kalischer, G., Honold, Clingstein, and Dobmaier.)
- Dobmaier, Karl. (See Lehmann, R., Heckmanns, Dobmaier, and Willems.)
- Döbmaier, Karl, Leverkusen-on-the-Rhine, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Rendering carbon disulphide soluble in water. 1,900,981; Mar. 14.
- Dobmeier, Fred. (See Flader, Fredric E., assignor.)
- Dobos, Ladislaus, Binghamton, N. Y. Headlight for automobiles. 1,904,896; Apr. 18.
- Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Compression coupling. 1,927,451; Sept. 19.
- Dobrovolny, Frank J., Niagara Falls, assignor, by mesne assignments, to The Roessler and Hasslacher Chemical Company, New York, N. Y. Odorant for refrigeration. 1,905,817; Apr. 25.
- Dobrowsky, Emmanuel, assignor to Motor Car Advertising Device Co., Inc., New York, N. Y. Advertising device. 1,914,597; June 20.
- Dobson & Barlow Limited. (See Rushton, James L., assignor.)
- Dobson & Barlow, Limited. (See Schofield, Charles, assignor.)
- Dobson, Thomas A., et al. (See Unthoff, Richard D., assignor.)
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,897,243; Feb. 14.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,903,505; Apr. 11.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,908,327; May 9.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,917,021; July 4.
- Dobson, William A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,931,064; Oct. 17.

- Dobyne, John C., St. Louis, Mo. Process and means for resoling shoes. 1,940,676; Dec. 26.
- Dobyne, Stevenson A., assignor to Champion Shoe Machinery Company, St. Louis, Mo. Leather splitting machine. 1,940,708; Dec. 26.
- Dobyns, David E., Tulsa, Okla., assignor, by mesne assignments, of one-fourth to H. F. Brownell. Centrifugal spiral agitator. 1,915,053; June 20.
- Dockstader, Simon E. (See Gysling, Manuel H., assignor.)
- Dodd, Gerald D., Plainfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Feed water heater. 1,894,760; Jan. 17.
- Dodd, Herbert. (See Bennett, N., Dodd, Sprent, and Holt.)
- Dodd, John W., Brookline, Mass. Machine for cutting sheet material. 1,926,669; Sept. 12.
- Dodd, Rufus L., Wichita, Kans. Compass. 1,925,082; Sept. 5.
- Doddridge, Walter H., Lakewood, Ohio. Switch operating mechanism. 1,924,351; Aug. 29.
- Dodds, Edwin M., Watford, England. Carburetor for liquid fuels. 1,906,554; May 2.
- Dodds, James C. (See Dodds, Redus D., assignor.)
- Dodds, Nugent, Washington, D. C. Copyholder. 1,938,671; Dec. 19.
- Dodds, Redus D., assignor to J. C. Dodds, Houston, Tex. Method and apparatus for drilling wells. 1,908,227; May 9.
- Dodds, Redus D., assignor to J. C. Dodds, Houston, Tex. Drilling apparatus. 1,909,817; May 16.
- Dodds, Redus D., Humble, Tex., assignor to G. J. Barrett and S. Robichaux. Sample taking device. Re18,975; Oct. 24.
- Dodds, Robert H. (See English, F. S., and Dodds.)
- Dodds, Thomas E., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Ingot mold. 1,919,622; July 25.
- Dodge, Adiel Y., South Bend, Ind. Transmission. 1,935,589; Nov. 14.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,929,623; Oct. 10.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake-operating mechanism. 1,932,884; Oct. 31.
- Dodge, Adiel Y. (See Bendix, V., and Dodge.)
- Dodge, Adiel Y. (See Roth, Harris C., assignor.)
- Dodge, Adiel Y., South Bend, Ind. Electric switch. 1,895,918; Jan. 31.
- Dodge, Adiel Y., South Bend, Ind. Electric switch. 1,898,006; Feb. 21.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,895,917; Jan. 31.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Operating connection. 1,898,294; Feb. 21.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,410; May 9.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,411; May 9.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Muffler. 1,909,394; May 16.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,914,490; June 20.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,916,881; July 4.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake operating mechanism. 1,917,928; July 11.
- Dodge, Adiel Y., Chicago, Ill., assignor to Bendix-Cowdrey Brake Tester, Inc., Fitchburg, Mass. Brake shoe burnisher. 1,918,020; July 11.
- Dodge, Adiel Y., assignor to Bendix Research Corporation, South Bend, Ind. Propeller. 1,919,586; July 25.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,926,374; Sept. 12.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,051; Sept. 26.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Shaft support. 1,934,527; Nov. 7.
- Dodge, Adiel Y., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,935,393; Nov. 14.
- Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,940,449; Dec. 19.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,134; Dec. 26.
- Dodge, Adiel Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubrication device. 1,941,140; Dec. 26.
- Dodge, Adiel Y., and M. W. McConkey, assignors to Bendix Brake Company, South Bend, Ind. Operating mechanism. 1,930,710; Oct. 17.
- Dodge, Arthur B., Lancaster, Pa. Closure for containers. 1,907,254; May 2.
- Dodge, Barnett F., New Haven, Conn., assignor to S. Karpen & Bros., Chicago, Ill. Catalyst for methanol manufacture and producing same. 1,908,696; May 16.
- Dodge, Charles H. (See McQuaide, Charles H., assignor.)
- Dodge, D. D. (See Wyant, George D., assignor.)
- Dodge, Eugene W., Long Beach, Calif. Oil pump. 1,892,876; Jan. 3.
- Dodge, Gordon F., Oakland, Calif. Vibrating apparatus control. 1,918,456; July 18.
- Dodge, Ira J. (See Freese, Paul S., assignor.)
- Dodge, John H., et al., trustees. (See Dodge, John H. and J. S., and Ekman, assignors.)
- Dodge, John H., Worcester, J. S. Dodge, Paxton, and C. J. Ekman, Worcester, assignors to J. H. Dodge and H. R. Sinclair, Worcester, and L. C. Smith, Newton, Mass., trustees. Sleeve twister. 1,929,678; Oct. 10.
- Dodge, John M., Rye, and P. Oakland, Howard Beach, N. Y. Sealing ring. 1,916,659; July 4.
- Dodge, John S. (See Dodge, John H. and J. S., and Ekman.)
- Dodge, Lloyd L., St. Paul, Minn. Paper box. 1,923,053; Aug. 15.
- Dodge Manufacturing Corporation. (See Carver, Edgar M., assignor.)
- Dodge Manufacturing Corporation. (See Van Derhoeft, George N., assignor.)
- Dodge, Milo C., assignor to Columbian Rope Company, Auburn, N. Y. Packaging articles. 1,892,722; Jan. 3.
- Dodge, Milo C., assignor to Columbian Rope Company, Auburn, N. Y. Antiskid device. 1,932,576; Oct. 31.
- Dodge, Milo C., assignor to Columbian Rope Company, Auburn, N. Y. Method of and apparatus for forming two-ply folded tape. 1,936,291; Nov. 21.
- Dodge, Milton L. (See Jordan, Hugh A., assignor.)
- Dodge, Milton L., Newburyport, Mass. Counter stiffener. 1,903,031; Mar. 28.
- Dodge, Milton L., Newburyport, Mass. Forming the heel portions of shoes. 1,911,816; May 30.
- Dodge, Norman, Garden City, N. Y., assignor to Mergenthaler Linotype Company. Typographical distributing machine. 1,927,231; Sept. 19.
- Dodrill, Delbert C., Booth, W. Va., assignor to Jay F. Hoover, Buffalo, N. Y. Automatic flow regulator. 1,898,244; Feb. 21.
- Dodson, Carroll E., assignor to Lyko Medicine Company, Kansas City, Mo. Toothbrush. 1,908,510; May 9.
- Dodson, Carroll E., assignor to Lyko Medicine Company, Kansas City, Mo. Toothbrush. 1,908,511; May 9.
- Dodson, Daniel B., Benton, Ark. Mail bag ejecting device. 1,897,552; Feb. 14.
- Dodson, Grover C. (See McCann, Neal T., assignor.)
- Doeg, Ralph W., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerator controller. 1,893,360; Jan. 3.
- Doehler Die-Casting Co. (See Claus, Clyde E., assignor.)
- Doehler Die-Casting Co. (See Morin, Louis H., assignor.)
- Doehler Vending Machines, Inc. (See Morin, Louis H., assignor.)
- Doelman, Myron L., Toronto, Ontario, Canada, assignor, by mesne assignments, to United States Radiator Corporation, Detroit, Mich. Mold. 1,897,925; Feb. 14.
- Doelman, Myron L., Toronto, Ontario, Canada, assignor, by mesne assignments, to United States Radiator Corporation, Detroit, Mich. Mold. 1,897,926; Feb. 14.
- Doen, Loran F., assignor to The Cleveland Heater Company, Cleveland, Ohio. Safety gas burner. 1,933,318; Oct. 31.
- Doenges, William F., San Antonio, Tex. Tumbler for combination locks. 1,925,980; Sept. 5.
- Doenges, William F., San Antonio, Tex. Tumbler for combination locks. 1,928,853; Oct. 3.
- Doering, Albert L., assignor to J. S. Thorn Company, Germantown, Pa. Roof desk. 1,903,543; Apr. 11.
- Doering, Albert L., Germantown, assignor to J. S. Thorn Company, Philadelphia, Pa. Metallic window structure. 1,941,432; Dec. 26.
- Doering, Charles, Chicago, Ill. Portable liquid drink dispenser. Des. 90,065; June 6.
- Doering, Frank F. W., Los Angeles, Calif., assignor of one-half to W. R. Hearn. Manifold attachment for internal combustion engines. 1,895,789; Jan. 31.
- Doering, Frank F. W., Los Angeles, Calif., assignor of one-half to Walter R. Hearn. Manifold attachment for internal combustion engines. 1,923,357; Aug. 22.
- Doering Holding Company. (See Foss, Oscar F., assignor.)
- Doering, Ulrich. (See Spanner, H. J., and Doering.)
- Doering, Ulrich, New York, N. Y., assignor to Electrons, Inc. Electronic tube. 1,931,254; Oct. 17.
- Doering, William, Muscatine, Iowa. Heel plate. Des. 90,976; Nov. 7.
- Doermann, Albert J., Chicago, Ill. Making abrasive disks. Re18,872; June 20.
- Doermann, Albert J., assignor to Titan Abrasives Co., Inc., Chicago, Ill. Grinding wheel. 1,912,069; May 30.
- Doermann, Albert J., assignor to Titan Abrasives Company, Chicago, Ill. Abrasive disk. 1,912,070; May 30.
- Doermann, Albert J., assignor to Titan Abrasives Company, Chicago, Ill. Abrasive disk. 1,924,773; Aug. 29.
- Doerrhoefer, Frederic L., Maplewood, N. J., assignor of one-half to H. Redman. Spark intensifier. 1,909,255; May 16.
- Doessinger, Martha, New York, N. Y. Sectional pouch screw. 1,930,968; Oct. 17.
- Doherty-Stone Drill Co. (See Stone, Frederick, assignor.)
- Doherty-Brehm Company. (See Doherty, George D., assignor.)
- Doherty, George D., Evanston, Ill., assignor to Doherty-Brehm Company, Minneapolis, Minn. Humidifying apparatus. Re18,762; Mar. 14.
- Doherty, George D., Evanston, assignor to Doherty-Brehm Company, Chicago, Ill. Humidifying apparatus. 1,918,086; July 11.
- Doherty, Henry L. (See Laird, Wilbur G., assignor.)
- Doherty, Henry L. (See Loebell, Henry O.)
- Doherty, Henry L., New York, N. Y. Developing oil fields. 1,899,497; Feb. 28.

- Doherty, Henry L., New York, N. Y. Development of oil fields. 1,920,637; Aug. 1.
- Doherty, Henry L., assignor, by mesne assignments, to Heat Treating Company, New York, N. Y. Distilling oil. 1,898,245; Feb. 21.
- Doherty, Henry L., assignor, by mesne assignments, to Heat Treating Company, New York, N. Y. Apparatus for distilling oils. 1,898,246; Feb. 21.
- Doherty, Henry L., assignor to Doherty Research Company, New York, N. Y. Cracking hydrocarbon oils. 1,917,705; July 11.
- Doherty, Joseph D., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Treated coke and treating the same. 1,932,815; Oct. 31.
- Doherty Research Company. (See Beaver, David J., assignor.)
- Doherty Research Company. (See Bjerregaard, James A., assignor.)
- Doherty Research Company. (See Board, Virgil L., assignor.)
- Doherty Research Company. (See Bruckner, Robert E., assignor.)
- Doherty Research Company. (See Burke, S. P., and Fryling, assignors.)
- Doherty Research Company. (See Doherty, Henry L., assignor.)
- Doherty Research Company. (See Filippi, J. F., Masek, and Levitt, assignors.)
- Doherty Research Company. (See Fisher, James P., assignor.)
- Doherty Research Company. (See Goldsborough, Winder E., assignor.)
- Doherty Research Company. (See Goldsborough, W. E., and Lowe.)
- Doherty Research Company. (See Gordon, Philip C., assignor.)
- Doherty Research Company. (See Griswold, R. G., and Goldsborough, assignors.)
- Doherty Research Company. (See Isham, R. M., and Spring, assignors.)
- Doherty Research Company. (See Laird, Wilbur G., assignor.)
- Doherty Research Company. (See Levitt, P. B., and Blair, assignors.)
- Doherty Research Company. (See Lindberg, Lawrence W., assignor.)
- Doherty Research Company. (See Lowe, R. E., Brown, and Bjorkstedt, assignors.)
- Doherty Research Company. (See Lowe, W. W., and Lyons, assignors.)
- Doherty Research Company. (See Lyons, Harry N., assignor.)
- Doherty Research Company. (See Merley, Sylvan R., assignor.)
- Doherty Research Company. (See Merley, S. R., and Spring, assignors.)
- Doherty Research Company. (See Morgan, John D., assignor.)
- Doherty Research Company. (See Nevins, Charles A., assignor.)
- Doherty Research Company. (See Perl, John, assignor.)
- Doherty Research Company. (See Spring, Otto, assignor.)
- Doherty Research Company. (See Taylor, Robert H., assignor.)
- Doherty, Thomas A., Queens Village, N. Y. Book support. 1,897,805; Feb. 14.
- Dohle, Hinrich. (See Biniek, G., Langner, and Dohle.)
- Dohle, Wilhelm. (See Kränzlein, G., Corell, and Dohle.)
- Dohner, Donald R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet or similar article. Des. 89,388; Mar. 7.
- Dohner, Donald R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cover of a refrigerator cabinet or similar article. Des. 89,389; Mar. 7.
- Dohrmann Hotel Supply Co. (See Diebenkorn, Richard C., assignor.)
- Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, near Spandau, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Chelidamic acid compound. 1,919,417; July 25.
- Dohrn, Max, Berlin-Charlottenburg, and W. Hohlweg, Berlin-Hohenneudorf, Germany, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Recovery of a hormone of the anterior lobe of the pituitary gland. 1,923,830; Oct. 3.
- Dohrwardt, John F., assignor, by mesne assignments, to Line Material Company, South Milwaukee, Wis. Contact clip. 1,940,942; Dec. 26.
- Dohse, Hans, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphur dioxide. 1,896,483; Feb. 7.
- Dobt, Elvin F., Quincy, Ill. Fishing pole carrier. 1,894,164; Jan. 10.
- Doichinoff, Steve. (See Evanoff, N. S., and Dolchinoff.)
- Dolan, David J., Cleveland Heights, Ohio. Automobile railway car. 1,894,534; Jan. 17.
- Dolan, David J., Cleveland Heights, Ohio, assignor to The Cardel Company, Inc., Chester, Pa. Motor governing device. 1,920,067; July 25.
- Dolan, Frank J., Brooklyn, assignor to Joseph M. Price, New York, N. Y. Container. 1,939,339; Dec. 12.
- Dolbey, Harry S., and E. S. Smith, jr., assignors to Builders Iron Foundry, Providence, R. I. Pressure responsive device and diaphragm for use therein. 1,893,200; Jan. 3.
- Dolder, Lewis F., Sandwich, Ill. Earguard. 1,909,856; May 16.
- Dole, Myron W., Belmont, and M. Silverman, Brookline, Mass. Feed water heater for locomotives. 1,900,697; Mar. 7.
- Dole, Raymond C., Ashley, Ind. Toy. 1,898,817; Feb. 21.
- Dole Valve Company. (See Lund, James K., assignor.)
- Dolezal, John J., Cincinnati, Ohio, assignor to The Michaels Art Bronze Company, Covington, Ky. Revolving door. 1,938,279; Dec. 5.
- Dolge, Arthur H., Westport, Conn. Church truck. 1,919,103; July 18.
- D'Olier, Henry, jr., Bridgeport, Conn. Electrical fixture supporting device. 1,897,954; Feb. 14.
- D'Olier, Henry, jr., Bridgeport, Conn. Lighting fixture support. 1,908,586; May 9.
- D'Olier, Henry, jr., Bridgeport, Conn. Connector support. 1,908,587; May 9.
- O'Olier, Henry, jr., Bridgeport, Conn. Ceiling canopy support. 1,908,588; May 9.
- D'Olier, Henry, jr., Bridgeport, Conn. Rigid bailed connector and connector socket. 1,914,993; June 20.
- D'Olier, Henry, jr., Bridgeport, Conn. Swinging bailed connector socket. 1,925,716; Sept. 5.
- D'Olive, Charles R., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 1,929,239; Oct. 3.
- D'Olive, Charles R., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 1,931,377; Oct. 17.
- Doll, Emil, West New York, N. J. Toothbrush. 1,939,001; Dec. 12.
- Dollerhide, Charles M., Davenport, Iowa. Detachable safety ladder step. 1,920,552; Aug. 1.
- Dollin, Edgar N. (Levy, N. R., and Dollin.)
- Dollin, Edgar N., Long Island, and B. F. Waddell, Jackson Heights, assignors to National Gas Range Corporation, New York, N. Y. Construction of stoves. 1,940,080; Dec. 19.
- Dolly, James M., Chicago, Ill. Bushing and cylinder reamer. 1,893,885; Jan. 10.
- Dolmage, Mihan M., Washington, D. C. Negative inductance. 1,903,610; Apr. 11.
- Dolmage, Mihan M., Washington, D. C. Negative anti-resonant circuits. 1,910,151; May 23.
- Dolomite, Inc. (See Barrett, Harvey N., assignor.)
- Doloukhanoff, Michel, Versailles, France. Electrical machine. 1,895,096; Jan. 24.
- Domagall, John. (See Kiedel, J., Domagall, and Maze.)
- Doman, Aladar, Budapest, Hungary, assignor to the firm Lampen- und Metallwarenfabriken R. Ditmar-Gebrüder Brunner A. G., Vienna, Austria. Oil burner. 1,926,972; Sept. 12.
- Doman, Albert E., assignor to Owen-Dyneto Corporation, Syracuse, N. Y. Motor generator circuit for outboard motors. 1,915,982; June 27.
- Doman, Albert E., Syracuse, N. Y. Electrical system for automobiles. 1,941,433; Dec. 26.
- Dombrády, Béla, assignor of one-sixth to A. Chuchry, one-sixth to J. Shyngera, and one-sixth to M. Naratka, Ottawa, Ontario, Canada. Boat. 1,916,121; June 27.
- Dombret, Emile, Courbevoie, France. Clutch. 1,931,182; Oct. 17.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Frequency modulation. 1,917,102; July 4.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Amplifier. 1,930,339; Oct. 10.
- Dome, Robert B., Schenectady, N. Y., assignor to General Electric Company. Magnetostriction oscillation generator. 1,937,333; Nov. 28.
- Domeneq, Moriz, Vienna, Austria. Bookmark. 1,898,429; Feb. 21.
- Domes, Edward A., assignor of one-half to O. P. Walker, San Gabriel, Calif. Barbecue broiler. Des. 89,171; Feb. 7.
- Domes, Edward A., assignor of one-half to O. P. Walker, San Gabriel, Calif. Barbecue broiler. Des. 89,172; Feb. 7.
- Domestic Stoker Company. (See Wightman, Merle J., assignor.)
- Domina, James H., Paterson, N. J., assignor to John Chatillon & Sons, New York, N. Y. Testing machine. 1,908,412; May 9.
- Dominick, Thomas, Sacramento, Calif. Porch light. Des. 90,942; Oct. 31.
- Dominion Bridge Company Limited. (See Laing, W. L., and Newell, assignors.)
- Dominion Electrical Manufacturing Co. (See Ajax, Erick J., assignor.)
- Dominion Electrical Mfg. Company. (See McLelland, W. H., Knutson, and Williamson, assignors.)
- Dominion Engineering Works, Limited. (See Malkin, Bernard A., assignor.)
- Dominion Engineering Works Limited. (See Muir, William P., assignor.)
- Dominion Engineering Works Limited. (See Russell, Andrew N., assignor.)
- Dominion Forge & Stamping Company Limited. (See Waldron, Russell E., assignor.)
- Dominion Truck Equipment Co. Limited. (See Gurton, W. S., Plint, and Nyberg, assignors.)

- Domke, Edward F., and S. A. J. Ennis, Shullsburg, Wis. Bed tilting device. 1,915,881; June 27.
- Domkee, John H., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Slide buckle. 1,894,303; Jan. 17.
- Domkeé, John H., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Slide buckle. 1,894,304; Jan. 17.
- Domkee, John H., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Slide buckle. 1,894,855; Jan. 17.
- Domkee, John H., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Loop slide buckle. 1,894,856; Jan. 17.
- Domkee, John H., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Loop prong buckle. 1,895,313; Jan. 24.
- Domries, Otto, Santa Ana, and O. Piepenbrink, Garden Grove, Calif.; said Piepenbrink assignor to said Domries. Disk furrowing and blocking machine. 1,898,870; Feb. 21.
- Domzalski, Casimir A., Detroit, Mich. Blow-out patch. 1,897,927; Feb. 14.
- Donadeu, Ramon, Buenos Aires, Argentina. Hinge. 1,904,207; Apr. 18.
- Donahue, A. J., Corporation, The. (See Jacobs, Joseph, assignor.)
- Donahue, John F., and J. A. McMahon, assignors to John E. Mitchell Company, St. Louis, Mo. Heel-building plate. 1,898,942; Feb. 21.
- Donahue, John M., assignor to Scovill Manufacturing Company, Waterville, Conn. Shower head. 1,930,227; Oct. 10.
- Donahue, Joseph F., Providence, R. I. Garment stay fastening means. 1,895,612; Jan. 31.
- Donaldson Co. Inc. (See Scott, Walter T., assignor.)
- Donaldson, Frank A., Minneapolis, Minn. Air cleaner. 1,926,841; Sept. 12.
- Donaldson, George H., West Hartford, Conn. Weed removing implement. 1,908,735; May 16.
- Donaldson, John, Gimberburn, New Zealand. Tractor. 1,912,518; June 6.
- Donaldson, John S., St. Albans, N. Y. Piston. 1,904,126; Apr. 18.
- Donaldson, Joseph E. (See Reichert, Samuel, assignor.)
- Donaldson Manufacturing Company Limited. (See Hadden, William J., assignor.)
- Donaldson, Robert K., jr., Pittsburgh, and E. W. Butzler, Bellevue, assignors to J. M. Hopwood, Dormont, Pa. Method and apparatus for controlling feed-water delivery and blow-down for boilers. 1,913,195; June 6.
- Donaldson, William. (See Mackey, T. O., and Donaldson.)
- Donaldson, William T., White Bear, assignor to Standard Conveyor Company, North St. Paul, Minn. Conveyor system. 1,919,934; July 25.
- Donandt, Hermann, Berlin-Wilmersdorf, Germany. Safety appliance for rotary winding members of hauling machines. 1,935,975; Nov. 21.
- Donath, Ernst. (See Pier, M., Donath.)
- Donavan, Paul J., Pomona, Calif., assignor to Bendix-Cowdrey Brake Tester Inc., Fitchburg, Mass. Brake testing machine. Re18,745; Feb. 21.
- Donavan, Paul J., Los Angeles, Calif., assignor, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., Fitchburg, Mass. Brake-testing apparatus. 1,932,287; Oct. 24.
- Dondero, Ralph D. (See Pfeiffer, W., and Dondero.)
- Doney, Harvey L. (See Miller, Berton, assignor.)
- Doniger, David D., & Co. (See Doniger, William, assignor.)
- Doniger, William, Lawrence, assignor to David D. Doniger & Co., New York, N. Y. Garment. 1,926,866; Sept. 12.
- Douie, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc. Television apparatus and method. 1,894,944; Jan. 24.
- Donle, Harold P., Meriden, Conn., assignor to Radio Inventions, Inc. Television reception. 1,903,986; Apr. 18.
- Donley, Harold B., Columbus, Ohio. Pillar lamp for motor vehicle bodies. Des. 89,173; Feb. 7.
- Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Motor vehicle bumper bracket. Des. 91,103; Nov. 28.
- Donley, Harold B., assignor to Columbus Auto Brass Company, Columbus, Ohio. Variable speed transmission. 1,909,933; May 23.
- Donley, Harold B., assignor to Columbus Auto Brass Company, Columbus, Ohio. Reflecting device. 1,918,087; July 11.
- Donley, Harold B., Columbus, Ohio, assignor to Columbus Metal Products, Inc. Stoker transmission. 1,930,791; Oct. 17.
- Donnell, Hugh, West Redding, Conn., assignor to Stünzl Sons Silk Company, Inc., New York, N. Y. Fabric display device. 1,906,555; May 2.
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Coin guiding and wrapper holding means for coin counting machines. 1,896,394; Feb. 7.
- Donnellan, Edward P., assignor of one-third to J. J. Donnellan and one-third to J. L. Donnellan, Brooklyn, N. Y. Spurious coin separator. 1,899,560; Feb. 28.
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Coin counting machine. 1,914,362; June 20.
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Coin counting machine. 1,921,155; Aug. 8.
- Donnellan, Edward P., New York, assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Cluster crimper for coin wrappers. 1,921,179; Aug. 8.
- Donnellan, Edward P., assignor to Standard-Johnson Company, Inc., Brooklyn, N. Y. Coin wrapper crimping machine. 1,936,050; Nov. 21.
- Donnellan, James L., et al. (See Donnellan, Edward P.)
- Donnellan, John J., et al. (See Donnellan, Edward P., assignor.)
- Donnelley, Robert B., assignor to Central Waxed Paper Company, Chicago, Ill. Bag. 1,938,449; Dec. 5.
- Donnelly, R. R., & Sons Company. (See Alger, H. C., and Frzier, assignors.)
- Donnelly, James M. (See Shaw, J. F., Donnelly, Smart and Johnston.)
- Donnelly, Joseph C., Barberton, Ohio, assignor, by mesne assignments, to The Diamond Match Company. Match machine. 1,898,716; Feb. 21.
- Donnelly, Joseph C., Barberton, Ohio, assignor, by mesne assignments, to The Diamond Match Company. Machine for packing matches. 1,898,717; Feb. 21.
- Donnelly, Joseph C., Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Machine for filling match boxes. 1,928,199; Sept. 26.
- Donnelly, Joseph F., South Bellingham, Wash. Lifting jack. 1,904,279; Apr. 18.
- Donnelly, Raymond A., Newark, N. J. Headlight. 1,935,621; Nov. 21.
- D'Onofrio, Torino S., Watertown, Mass. Unit conveyor for concrete product machines. 1,899,611; Feb. 28.
- Donoho, Frank R., Weaverville, N. C. Sand trap plow. 1,926,973; Sept. 12.
- Donohoe, James A., Trenton, N. J., assignor to Westinghouse Lamp Company. Incandescent lamp stem. 1,908,736; May 16.
- Donohue, Anthony J., assignor to Simplex Gas Products Corporation, Philadelphia, Pa. Thermostatic valve. 1,936,502; Nov. 21.
- Donosa, Leopold, Philadelphia, Pa. Casement sash with concealed shades. 1,930,042; Oct. 10.
- Donovan, Arthur F., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Button. Des. 88,861; Jan. 3.
- Donovan, Arthur F., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Dress buckle or similar article. Des. 90,153; June 20.
- Donovan, Bernard S., Chicago, Ill. Motbkiller receptacle. 1,912,694; June 6.
- Donovan, Edward. (See Bennett, James H., assignor.)
- Donovan, Eugene S., Dearborn, assignor to Ford Motor Company, Highland Park, Mich. Radio beacon. 1,937,876; Dec. 5.
- Donovan, Frank J., assignor to N. Hirsch, New York, N. Y. Process and container for preventing the discoloration of crab meat. 1,916,040; June 27.
- Doodchenko, Peter L. (See Pelipetz, Michail G., assignor.)
- Doohan, William P. (See Stratford, R. K., and Doohan.)
- Dooley Bros. (See Fellay, Louis J., assignor.)
- Dooley, Byron F., jr., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Recovery of spent treating reagents. 1,926,515; Sept. 12.
- Dooley, Delmar D., assignor to Dooley Improvements, Inc., Rock Island, Ill. Filter. 1,896,395; Feb. 7.
- Dooley, George W., San Bernardino, Calif. Universal joint. 1,897,945; Feb. 14.
- Dooley Improvements, Inc. (See Dooley, Delmar D., assignor.)
- Doolittle, Fred B. (See Hunt, L. F., and Doolittle.)
- Doonan, William D. (See Rogers, J. F., and Doonan.)
- Door Company, The. (See Lund, Nels B., assignor.)
- Door Control Company. (See Blodgett, Herbert C., assignor.)
- Doo-Tee Corporation. (See Wyville, L. J., and Carlson, assignors.)
- Dopyera, Rudolph, Los Angeles, Calif. Musical instrument. 1,896,484; Feb. 7.
- Doran, James F., deceased, assignor to Sara C. Doran, Danbury, Conn., by John C. Doran, executor of will. Vibrator. 1,896,351; Feb. 7.
- Doran, James F., deceased, Danbury, Conn., by John C. Doran, executor. Reversing apparatus for hat making machinery and the like. 1,908,475; May 9.
- Doran, John C., executor. (See Doran, James F.)
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Bucket wheel. 1,904,421; Apr. 18.
- Doran, John H., Schenectady, N. Y., assignor to General Electric Company. Cross compound turbine. 1,915,983; June 27.
- Doran, Sara C. (See Doran, James F., assignor.)
- Dorand, René. (See Breguet, L., and Dorand.)
- Dorau, John P., Portage, Wis. Folding ironing table. 1,905,551; Apr. 25.
- Dorcas, Merrill J., Cleveland, Ohio, assignor to National Carbon Company, Inc. Arc carbon. 1,920,921; Aug. 1.
- Dorel, Felix, and E. E. Bellier; said Dorel assignor to Société Française des Films Herault, Paris, France. Device for the elimination of chromatic flicker in projection apparatus. 1,922,934; Aug. 15.
- Doremus, Cornelius W., Washington, D. C. Electrical terminal. 1,903,808; Apr. 18.
- Dorer, Primus O., assignor of one-half to A. G. Smith, London, England. Pump. 1,898,348; Feb. 21.

- Dorey, George B., Evanston, Ill. Doorlatch. 1,934,917; Nov. 14.
- Dorey, William A., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Indirect lighting luminaire. 1,913,377; June 13.
- Dorfan, Morton I., assignor to Pangborn Corporation, Hagerstown, Md. Pneumatic cleaning air treatment. 1,902,061; Mar. 21.
- Dorfan, Morton I., assignor to Pangborn Corporation, Hagerstown, Md. Continuously operating dust collector. 1,907,197; May 2.
- D'Orleans, Robert, assignor to William H. H. Davis, San Francisco, Calif. Hair waving device. Re18,749; Feb. 28.
- Dorman, Edgar P., assignor to The United Glass Bottle Manufacturers Limited, London, England. Glass feeding apparatus. 1,926,764; Sept. 12.
- Dorman, Joseph W. O., Houston, Tex. Grapple. 1,899,750; Feb. 28.
- Dormann, Ralph E., Nittany, Pa. Double action ratchet brace. 1,911,355; May 30.
- Dorner, George H., Eveleth, Minn. Mining method. 1,915,411; June 27.
- Dormeyer, Albert F., Chicago, Ill. Electric motor unit. 1,928,965; Oct. 3.
- Dormoy, Jules M. J., Paris, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 1,895,451; Jan. 31.
- Dormoy, Jules M. J., Paris, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake for aircraft. 1,895,452; Jan. 31.
- Dormoy, Jules M. J., Paris, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,910,527; May 23.
- Dorn, Harry P., Cleveland, Ohio. Vehicle steering gear. 1,896,292; Feb. 7.
- Dorn, Randolph J. (See Barr, N., and Dorn.)
- Dorn, Randolph J. (See Morton, C. W., and Dorn.)
- Dorn, Walter, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Ignition system of internal combustion engines. 1,911,147; May 23.
- Dorner, Hermann I. A. (See Widmann, Adolph, assignor.)
- Dorner, Hermann I. A., Hanover, Germany, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,376; Apr. 4.
- Dorner, Hermann I. A., assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Fuel injection unit. 1,934,296; Nov. 7.
- Dorner, Hermann I. A., and A. Widmann, assignors, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Glow plug. 1,927,562; Sept. 19.
- Dorner, Karl G., Pittsburgh, Pa. Ventilator. 1,912,264; May 30.
- Dorneth, Julius, Konradshöhe, near Berlin-Tegel, assignor to the Firm Typograph G. m. b. H., Berlin, Germany. Matrix-setting and type-line-casting machines. 1,940,905; Dec. 26.
- Dornier, Claude, assignor of one-half to Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Storage of liquids in aircraft. 1,895,976; Jan. 31.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany, assignor of one-half to the firm Dornier-Metallbauten G. m. b. H. Friedrichshafen-on-the-Bodensee, Germany. Hollow metal beam. 1,928,009; Sept. 26.
- Dornier-Metallbauten G. m. b. H. (See Dornier, Claude, assignor.)
- Dorogi, Dr., & Co. Rubber Goods Factory Limited. (See Dorogi, István and L., assignors.)
- Dorogi, István and L., assignors of one-half to Dr. Dorogi & Co. Rubber Goods Factory Limited, Budapest, Hungary. Inflatable figure toy. 1,901,150; Mar. 14.
- Dorogi, Lajos. (See Dorogi, István and L.)
- Dorr Company, The. (See Bousman, Samuel I., assignor.)
- Dorr Company, The. (See Darby, G. M., and Maust, assignors.)
- Dorr Company, The. (See Finney, John H. V., assignor.)
- Dorr Company, The. (See Keefer, C. E., and Wachter, assignors.)
- Dorr Company, The. (See Knowles, John H., assignor.)
- Dorr Company, The. (See Lund, Nels B., assignor.)
- Dorr Company, The. (See Rankin, Renville S., assignor.)
- Dorr Company, The. (See Sheffield, John R., assignor.)
- Dorr Company, The. (See Skinner, John F., assignor.)
- Dorr Company, The. (See Slade, James V., assignor.)
- Dorr Company, The. (See Weber, William C., assignor.)
- Dörr, Eduard, O. Leuchs, Elberfeld, and L. Rosenthal, Vohwinkel, near Elberfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working up ethyl cellulose into homogeneous plastic masses. 1,913,478; June 13.
- Dorrer, Eugen. (See Dunkel, M., and Dorrer.)
- Dorrer, Eugen, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocarbons. 1,908,286; May 9.
- Dorrill, Robert A., Little Silver, N. J. Garment hanger. 1,896,771; Feb. 7.
- Dorris, Herbert F., Vincennes, Ind. Adjustable light. 1,895,706; Jan. 31.
- Dorsch, Hans. (See Winkler, F., Giller, and Dorsch.)
- Dorset Holding Corporation. (See Nones, Joseph A., assignor.)
- Dorsett, James D. (See Koontz, David R., assignor.)
- Dorsey, Albert P. (See Cassidy, Philip J., assignor.)
- Dorsey, Dana A., Miami, Fla. Aeroplane. 1,898,430; Feb. 21.
- Dorsey, Dorothy. (See Dorsey, John J. and D.)
- Dorsey, Edward, Phoenix, Ariz. Apparatus for mixing liquids. 1,911,609; May 30.
- Dorsey, Herbert G., Washington, D. C., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Telephone receiver. 1,899,561; Feb. 28.
- Dorsey, Howard E. (See Enzor, Ora K., assignor.)
- Dorsey, J. R., et al. (See Jewett, Frank C., assignor.)
- Dorsey, John J., Ecoole, British Columbia, Canada. Auxiliary propulsive device for fishing boats. 1,899,319; Feb. 28.
- Dorsey, John J. and D., New York, N. Y. Hair protecting headband. 1,905,370; Apr. 25.
- Dorsey, Melvin D., Waldport, Oreg. Luggage carrier. 1,894,482; Jan. 17.
- Dorst, Arno A., assignor to Dorst Jewelry Company, Cincinnati, Ohio. Charm. Des. 90,753; Sept. 26.
- Dorst, James, and P. Bachhuber, Mayville, Wis. Free-wheeling attachment. 1,902,623; Mar. 21.
- Dorst, James, and H. F. Weltz, assignors to Arthur A. Buerger, Mayville, Wis. Luggage latch. 1,920,189; Aug. 1.
- Dorst Jewelry Company. (See Dorst, Arno A., assignor.)
- Dort, Robert G., New York, N. Y., assignor to Celanese Corporation of America. Coloring textile materials and product thereof. 1,895,243; Jan. 24.
- Dortmunder, Vulkan A. G. (See Hegemann, Otto, assignor.)
- Dorton, P., et al. (See Dixon, Fate, assignor.)
- Dosch, Charles R. (See Locke, S. D., Dosch, and Stegeman.)
- Doser, Arnold. (See Noerr, H., Mauthe, and Doser.)
- Doser, Arnold, Cologne-Mulheim-on-the-Rhine, and G. Mauthe, Cologne-Holweide-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Tanning agent and making same. 1,910,464; May 23.
- Doskocil, Edward E., Cyclone, Tex. Clamp for weeder attachments. 1,941,293; Dec. 26.
- Dossert & Company. (See Searles, Theodore P., assignor.)
- Dotson, Leroy, Columbus, Ohio. Automotive brake. 1,908,228; May 9.
- Dotson, Peter K., Glendale, Calif. Partition tile construction. 1,930,951; Oct. 17.
- Dotterweich, Andrew J., Pittsburgh, Pa. Water softening apparatus. 1,918,225; July 11.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,893,933; Jan. 10.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Valve mechanism. 1,902,624; Mar. 21.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,903,611; Apr. 11.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,903,612; Apr. 11.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,903,613; Apr. 11.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,933,369; Oct. 31.
- Dotterweich, Andrew J., assignor to Automatic Water Softener Company, Pittsburgh, Pa. Water softening apparatus. 1,933,370; Oct. 31.
- Dotterweich, Georg, assignor to Motoren-Werke Mannheim Aktiengesellschaft Vorm. Benz Abt. Etationärer Motorenbau, Mannheim, Germany. Diesel engine. 1,915,218; June 20.
- Doty, Charles E., Yonkers, and M. Bimonte, New York, N. Y. Spike puller. 1,910,203; May 23.
- Doty, Lucien M., and N. B. Griffin, assignors to The Selby Shoe Company, Portsmouth, Ohio. Shoe insole. 1,927,889; Sept. 26.
- Dotzel, Franz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Coloring paper and the like. 1,925,526; Sept. 5.
- Dotzer, Leonard, Brooklyn, N. Y., and G. M. Poverud, Solbakken, England. Making films or layers and conditioning the temperature of viscous masses. 1,939,672; Dec. 19.
- Double A Alarm Company. (See Chapman, A. B., and Vadais, assignors.)
- Double Day Bed Corporation. (See Englander, Benjamin B., assignor.)
- Double Thread Bit Company. (See Arenz, John A., assignor.)
- Doncet, Edmund G., Rheims, France. Radiator. 1,897,113; Feb. 14.
- Douden, William L., Brooklyn, N. Y., assignor to Radio Corporation of America. Color motion pictures. 1,911,492; May 30.

- Douden, William L., New York, N. Y., assignor to Radio Corporation of America. Radio indicator. 1,913,977; June 13.
- Dougan, Anna M., Olathe, Kans. Thumb protector. 1,916,921; July 4.
- Dougherty, Charles F., Tulsa, Okla., assignor to J. J. Larkin, St. Louis, Mo. Casing shoe attachment. 1,894,212; Jan. 10.
- Dougherty, Edwin E., Los Angeles, Calif. Coin controlled lock. 1,938,069; Dec. 5.
- Dougherty, Everett M., Milwaukee, Wis. Holder for stenographers' notebooks. 1,939,206; Dec. 12.
- Dougherty, John F., Butler, Pa. Stretching frame. 1,929,629; Oct. 10.
- Dougherty, Owen T., St. Paul, Minn. Manhole and cover. 1,892,830; Jan. 3.
- Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Electrical controlling system for gas water heaters. 1,902,303; Mar. 21.
- Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Thermostatically operative valve. 1,926,000; Sept. 5.
- Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Automatically operative valve. 1,927,259; Sept. 19.
- Dougherty, Robert S. A., Bethlehem, Pa. Measuring mechanism. 1,920,294; Aug. 1.
- Dougherty, Robert S. A., and E. J. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Gear entraining mechanism. 1,911,493; May 30.
- Dougherty, William E., Pittsburgh, Pa., assignor to The O. Hommel Company. Enamel ware. 1,938,691; Dec. 12.
- Doughnut Machine Corporation. (See Arge, Hans C., assignor.)
- Doughnut Machine Corporation. (See Hunter, Herbert T., assignor.)
- Doughnut Machine Corporation. (See Kaufmann, James J., assignor.)
- Doughty, Alfred H. (See Williams, Andrew C., assignor.)
- Doughty, Howard F., Coral Gables, Fla. License plate holder. 1,936,711; Nov. 28.
- Doughty, Howard W., Amherst, Mass. Fire extinguisher. 1,898,482; Feb. 21.
- Doughty, Leon A., Glenside, Pa. Storage battery box. Des. 89,746; May 2.
- Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Carbonated beverage refrigerating apparatus. 1,920,462; Aug. 1.
- Doughty, William H. (See Coleman, Earl M., assignor.)
- Douglas Aircraft Company. (See Raymond, Arthur E., assignor.)
- Douglas Aircraft Company, Inc. (See Kindelberger, James H., assignor.)
- Douglas, Charles E., and J. Morgan, Hoquiam, Wash. Tidal power apparatus. 1,915,520; June 27.
- Douglas, Charles W. (See Bowen, D. V., and Douglas.)
- Douglas, Frank J. (See Samuels, M. M., and Douglas.)
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Thread cutting temple for looms. 1,893,734; Jan. 10.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 1,912,476; June 6.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Thread cutting temple for looms. 1,914,663; June 20.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Intermittently operating thread cutting mechanism. 1,916,754; July 4.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Temple thread cutter for looms. 1,919,146; July 18.
- Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Loom temple with thread cutting mechanism. 1,937,081; Nov. 28.
- Douglas, Harry A. (See Watts, Felix J., assignor.)
- Douglas, Harry A., Bronson, Mich. Lamp assembly means. 1,898,295; Feb. 21.
- Douglas, Harry A., Bronson, Mich. Aeroplane. 1,907,423; May 9.
- Douglas, Harry A., Bronson, Mich. Electric switch. 1,909,664; May 16.
- Douglas, Harry A., Bronson, Mich. Handle and mounting structure. 1,909,665; May 16.
- Douglas, Harry A., Bronson, Mich. Reflecting electric lamp. 1,911,610; May 30.
- Douglas, Harry A., Bronson, Mich. Signaling system for automotive vehicles. 1,911,611; May 30.
- Douglas, Harry A., Bronson, Mich. Electric switch. 1,912,623; June 6.
- Douglas, Harry A., Bronson, Mich. Electric switch. 1,912,624; June 6.
- Douglas, Harry A., Bronson, Mich. Signaling system for automotive vehicles. 1,919,206; July 25.
- Douglas, Harry A., Bronson, Mich. Automotive vehicle switching mechanism. 1,919,207; July 25.
- Douglas, Harry A., Bronson, Mich. Switching mechanism for automotive vehicles. 1,919,208; July 25.
- Douglas, Harry A., Bronson, Mich. Switching mechanism for automotive vehicles. 1,919,209; July 25.
- Douglas, Harry A., Bronson, Mich. Door switch or the like. 1,919,210; July 25.
- Douglas, Harry A., Bronson, Mich. Switching mechanism for automotive vehicles. 1,922,234; Aug. 15.
- Douglas, Harry A., Bronson, Mich. Switching mechanism. 1,922,235; Aug. 15.
- Douglas, Harry A., Bronson, Mich. Switching mechanism. 1,922,236; Aug. 15.
- Douglas, Harry A., Bronson, Mich. Circuit continuing device. 1,928,413; Sept. 26.
- Douglas, Harry A., Bronson, Mich. Circuit continuing device. 1,928,414; Sept. 26.
- Douglas, Harry A., Bronson, Mich. Lamp assembly means. 1,933,265; Oct. 24.
- Douglas, Harry A., Bronson, Mich. Electric lamp. 1,935,146; Nov. 14.
- Douglas, Harry A., Bronson, Mich. Circuit continuing device. 1,939,295; Dec. 12.
- Douglas, Harry A., Bronson, Mich. Electric switch. 1,941,252; Dec. 26.
- Douglas, James K. (See Ferris, W., and Douglas.)
- Douglas, James K., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive for machine tools. 1,928,150; Sept. 26.
- Douglas, John G., Leagrave, Luton, England. Steering gear. 1,893,764; Jan. 10.
- Douglas, Louis M. (See Parsons, C. A., Cook, and Douglas.)
- Douglas, Malcolm K., assignor to American Radiator Company, New York, N. Y. Foundry plant. 1,941,434; Dec. 26.
- Douglas, Paul H., Cleveland Heights, assignor to The Wellman Engineering Company, Cleveland, Ohio. Mooring mast. 1,914,408; June 20.
- Douglas, Stephen A., assignor, by mesne assignments, to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Wrapper for poultry heads. 1,933,793; Nov. 7.
- Douglass, Arthur R., Chariton, Iowa. Safety-razor. 1,896,886; Feb. 7.
- Douglass Brothers Company. (See Douglass, Frank J., assignor.)
- Douglass, Charles D. (See Douglass, Henry J. and C. D., and Leve.)
- Douglass, Donald M., Noroton, Conn. Bedstead. Des. 91,104; Nov. 28.
- Douglass, Frank J., assignor to Douglass Brothers Company, Chicago, Ill. Pipe cutting machine. 1,923,778; Aug. 22.
- Douglass, Harry A., Bronson, Mich. Electric lamp. 1,905,818; Apr. 25.
- Douglass, Henry J. and C. D., and M. S. Leve, assignors to Pacific Can Company, San Francisco, Calif. Multiple spindle vacuum double seamer. 1,895,184; Jan. 24.
- Douglass, Leon F., Menlo Park, Calif. Pocket lighter. 1,932,960; Oct. 31.
- Douglass, Robert L. (See Morrill, James P., assignor.)
- Douglass, Royal, South Bellingham, Wash. Can unloader. 1,904,720; Apr. 18.
- Douglass, William A. (See Calcott, W. S., Douglass, and Hayden.)
- Douglass, William A. (See Calcott, W. S., Douglass, and Walker.)
- Douillard, Frank T., assignor of one-half to Southern California Gas Company, Los Angeles, Calif. Meter. 1,893,022; Jan. 3.
- Doumitt, Philip S., Clatskanie, Oreg. Arch support. 1,910,886; May 23.
- Dourgnon, Jean T., Paris, France. System of indirect lighting of all spaces. 1,900,436; Mar. 7.
- Doushness, William N., Easton, Pa., assignor, by mesne assignments, to Milton C. Johnson Company, New York, N. Y. Safety paper. 1,916,606; July 4.
- Douthett, Orin R., Perth Amboy, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion. 1,905,630; Apr. 25.
- Douthitt, Frank W., Ortonville, Minn. Gang corn cutting machine. 1,909,666; May 16.
- Douthitt, Frank W., Ortonville, Minn. Ear holder for corn cutting machines. 1,909,667; May 16.
- Douthitt, Frank W., Ortonville, Minn. Ear holder and gripper. 1,927,603; Sept. 19.
- Doutt, Owen, assignor to General Spring Bumper Corporation, Detroit, Mich. Abrasive applying machine. 1,924,487; Aug. 29.
- Doutt, Owen, Detroit, Mich., assignor, by mesne assignments, to General Spring Bumper Corporation. Grinding machine. 1,931,106; Oct. 17.
- Douty, Alfred, Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Material for preparing metal for painting. 1,920,744; Aug. 1.
- Dove, Leonard P., assignor, by mesne assignments, to R. M. Stee, Minot, N. Dak., trustee. Dyes and making same from carbonaceous material. 1,898,247; Feb. 21.
- Dovell, Dudley K., El Paso, Tex., assignor to Sullivan Machinery Company. Drill steel retainer. 1,900,860; Mar. 7.
- Dover, George W., Cranston, assignor to Dovercraft Company, Inc., Providence, R. I. Overdrap supporting means for curtains. 1,907,151; May 2.
- Dover, George W., Edgewood, assignor to Dovercraft Company, Inc., Providence, R. I. Ornamental tie-back holder. 1,933,617; Nov. 7.
- Dover, George W., assignor to Dovercraft Company, Inc., Providence, R. I. Tie-back means for curtains. 1,936,188; Nov. 21.
- Dover, George W. and D. S., Edgewood, assignor to Dovercraft Company, Inc., Providence, R. I. Drapery suspension device for curtains. 1,916,719; July 4.
- Dover Stamping & Manufacturing Company. (See Little, Charles E., assignor.)

- Dovercraft Company. (See Dover, George W., assignor.)
Dovercraft Company, Inc. (See Dover, G. W. and D. S., assignors.)
Dovjikov, Alexander D., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Shunt phase-balancer. 1,924,309; Aug. 29.
Dow, Alexander, New York, N. Y., assignor to Dow Patents Holding Corporation. Power transmission mechanism. 1,897,244; Feb. 14.
Dow Chemical Company, The. (See Amstutz, Forest C., assignor.)
Dow Chemical Company, The. (See Barstow, Edwin O., assignor.)
Dow Chemical Company, The. (See Barstow, E. O., and Gann, assignors.)
Dow Chemical Company, The. (See Barstow, E. O., and Heath, assignors.)
Dow Chemical Company, The. (See Barstow, E. O., Gann, and Hoy, assignors.)
Dow Chemical Company, The. (See Bass, Shailer J., assignor.)
Dow Chemical Company, The. (See Boundy, R. H., and Amos, assignors.)
Dow Chemical Company, The. (See Britton, Edgar C., assignor.)
Dow Chemical Company, The. (See Britton, E. C., and Bryner, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Bass, and Elliott, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Holmes, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Perkins, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Prescott, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Reed, assignors.)
Dow Chemical Company, The. (See Brown, Leslie, assignor.)
Dow Chemical Company, The. (See Chamberlain, Leonard C., assignor.)
Dow Chemical Company, The. (See Coleman, Gerald H., assignor.)
Dow Chemical Company, The. (See Collings, W. R., and Gibb, assignors.)
Dow Chemical Company, The. (See Crether, Ernest F., assignor.)
Dow Chemical Company, The. (See Dow, Herbert H., assignor.)
Dow Chemical Company, The. (See Elliott, Norman, assignor.)
Dow Chemical Company, The. (See Gann, John A., assignor.)
Dow Chemical Company, The. (See Gann, J. A., and Grant, assignors.)
Dow Chemical Company, The. (See Gann, J. A., and Reid, assignors.)
Dow Chemical Company, The. (See Gann, J. A., Reid, and Reimers, assignors.)
Dow Chemical Company, The. (See Gann, J. A., and Reynolds, assignors.)
Dow Chemical Company, The. (See Grebe, John J., assignor.)
Dow Chemical Company, The. (See Grebe, J. J., Boundy, and Chamberlain, assignors.)
Dow Chemical Company, The. (See Grebe, J. J., Boundy, and Sanford, assignors.)
Dow Chemical Company, The. (See Grebe, J. J., and Dow, assignors.)
Dow Chemical Company, The. (See Grebe, J. J., and Stoesser, assignors.)
Dow Chemical Company, The. (See Grether, Ernest F., assignor.)
Dow Chemical Company, The. (See Grether, E. F., and Coleman, assignor.)
Dow Chemical Company, The. (See Grether, E. F., and Mills, assignors.)
Dow Chemical Company, The. (See Griswold, Thomas, jr., assignor.)
Dow Chemical Company, The. (See Hale, William J., assignor.)
Dow Chemical Company, The. (See Hale, W. J., and Britton, assignors.)
Dow Chemical Company, The. (See Harlow, I. F., Kenaga, and Dressel, assignors.)
Dow Chemical Company, The. (See Heath, Sheldon B., assignor.)
Dow Chemical Company, The. (See Heath, S. B., and Barstow, assignors.)
Dow Chemical Company, The. (See Heath, S. B., Cannon, and Barstow, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Keller, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Minger, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Reimers, assignors.)
Dow Chemical Company, The. (See Heindel, Roy L., jr., assignor.)
Dow Chemical Company, The. (See Hoy, John B., assignor.)
Dow Chemical Company, The. (See Hunter, Ralph M., assignor.)
Dow Chemical Company, The. (See Hunter, R. M., and Ward, assignors.)
Dow Chemical Company, The. (See Lamb, Newton, assignor.)
Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
Dow Chemical Company. (See Mills, L. E., and Allen, assignors.)
Dow Chemical Company, The. (See Mills, L. E., and Putnam, assignors.)
Dow Chemical Company, The. (See Pelton, E. L., and Kennedy, assignors.)
Dow Chemical Company, The. (See Perkins, E. H., and Mills, assignors.)
Dow Chemical Company, The. (See Plant, R. A., and Brooks, assignors.)
Dow Chemical Company, The. (See Prutton, Carl F., assignor.)
Dow Chemical Company, The. (See Putnam, Mark E., assignor.)
Dow Chemical Company, The. (See Putnam, S. W., and Goffenberger, assignors.)
Dow Chemical Company, The. (See Reilly, John H., assignor.)
Dow Chemical Company, The. (See Schwegler, Clarence C., assignor.)
Dow Chemical Company, The. (See Stewart, L. C., and De Pree, assignors.)
Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
Dow Chemical Company, The. (See Strosacker, C. J., and Heath, assignors.)
Dow Chemical Company, The. (See Strosacker, C. J., Kennedy, and Pelton, assignors.)
Dow Chemical Company, The. (See Strosacker, C. J., and Schwegler, assignors.)
Dow Chemical Company, The. (See Ward, Louis E., assignor.)
Dow Chemical Company, The. (See Weidemann, G. H., and Kelley, assignors.)
Dow Chemical Company, The. (See Williams, William H., assignor.)
Dow Chemical Company, The. (See Winston, Arthur W., assignor.)
Dow, Dewey M. (See Riebel, F., and Dow.)
Dow, Dewey M. (See Riebel, F., jr., and Dow.)
Dow, Dewey M. (See Riebel, F., jr., Dow, and Henson.)
Dow, Harry E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Article of furniture. 1,932,543; Oct. 31.
Dow, Herbert H., assignor to The Dow Chemical Company, Midland, Mich. Heat-energy transfer medium. 1,893,051; Jan. 3.
Dow, Herbert H., assignor to The Dow Chemical Company, Midland, Mich. Method of and apparatus for control of a heat energy system employing two fluids of different boiling points in heat exchange relation. 1,909,488; May 16.
Dow, Herbert H., assignor to The Dow Chemical Company, Midland, Mich. Removing iodine from dispersion in a liquid medium. 1,916,922; July 4.
Dow, Herbert H., assignor to The Dow Chemical Company, Midland, Mich. Lubricant. 1,918,593; July 18.
Dow, Herbert H., assignor to The Dow Chemical Company, Midland, Mich. Gas purification. 1,919,778; July 25.
Dow, Jennings B., Alexandria, Va. Variable inductance system. 1,904,208; Apr. 18.
Dow, Jennings B., Alexandria, Va. Control mechanism for constant frequency oscillator apparatus. 1,912,265; May 30.
Dow, Jennings B., Alexandria, Va., and H. J. Novotney, Bremerton, Wash. Amplifier feed system. 1,927,926; Sept. 26.
Dow, Jennings B., Alexandria, Va. Antenna system. 1,928,645; Oct. 3.
Dow, Jennings B., Alexandria, Va. Electron tube oscillator system. 1,931,530; Oct. 24.
Dow, Jennings B., Toledo, Ohio. Electrical circuits. 1,929,413; Oct. 10.
Dow, Jennings B., Washington, D. C. Oscillator system. 1,937,512; Dec. 5.
Dow, John R., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Display package. 1,903,096; Mar. 28.
Dow Patents Holding Corporation. (See Dow, Alexander, assignor.)
Dow, Richard F., assignor to The Whitney Mfg. Co., Hartford, Conn. Slack take-up device. 1,913,872; June 13.
Dow, Willard H. (See Grebe, J. J., and Dow.)
Dowald, Eugen, Wuppertal-Elberfeld, Germany. Spindle for wire covering machines. 1,903,698; Apr. 11.
Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay testing apparatus. 1,941,253; Dec. 26.
Dowd, Benjamin F., Long Beach, Calif. Valve. 1,925,436; Sept. 5.
Dowd, Bernard J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriter cabinet. 1,894,483; Jan. 17.
Dowd, Bernard J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Hinge. 1,901,289; Mar. 14.
Dowd, Charles W., Highland Park, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 1,924,232; Aug. 29.

- Dowd, Raymond E., Staten Island, N. Y., and F. A. Thompson, Kidgewood, N. J., assignors to The Russell Manufacturing Company, Middletown, Conn. Aeroplane passenger's safety belt. 1,907,098; May 2.
- Dowdell, Ruth E., Columbus, Ohio. Stacking fixture. 1,916,755; July 4.
- Dowell, Alvis Y., Hastings upon Hudson, assignor to Servel, Inc., New York, N. Y. Water cooler. 1,910,528; May 23.
- Dowell, Alvis Y., Hastings upon Hudson, assignor to Servel, Inc., New York, N. Y. Shelf retainer. 1,918,457; July 18.
- Dowell, Henry L., Caldwell, N. J., and L. F. Stone, Congers, N. Y., assignors to General Electric Company. Mooring system. 1,931,107; Oct. 17.
- Dowling, Frank D., Plaquemine, La. Automobile headlight protector. 1,923,970; Aug. 22.
- Dowling, John F., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass feeding machine. 1,894,030; Jan. 10.
- Dowling, John J., Dublin, Ireland, assignor to K. S. G. Sommerville, London, England, and J. J. Dowling, Dublin, Ireland. Electrical method of and means for testing materials. 1,932,337; Oct. 24.
- Dowling, Philip H., (See Sorensen, A. J., and Dowling.)
- Dowling, Philip H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical translating apparatus. 1,910,381; May 23.
- Dowling, Philip H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of copper oxide rectifiers. 1,915,984; June 27.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,895,453; Jan. 31.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer for horns. 1,932,034; Oct. 24.
- Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Emergency valve mechanism. 1,939,844; Dec. 19.
- Down, Sidney G., Edgewood, and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Spring mechanism for fluid pressure brakes. 1,898,525; Feb. 21.
- Downer, Edward C., assignor to The W. S. Tyler Company, Cleveland, Ohio. Wire screen belt. 1,912,934; June 6.
- Downer, Raymond H., assignor to Frigidrinks, Inc., San Francisco, Calif. Beverage dispenser. Des. 89,149; Jan. 31.
- Downey, Kenneth G., Malden, Mass. Corner post. Des. 90,909; Oct. 24.
- Downie, Robert R., Beaver Falls, Pa. Excavating machine. 1,896,293; Feb. 7.
- Downie, Robert R., Beaver Falls, Pa. Excavating machine. 1,902,691; Mar. 21.
- Downie, Robert R., Beaver Falls, Pa. Excavating machine. 1,902,692; Mar. 21.
- Downie, Robert R., Beaver Falls, Pa. Excavating machine. 1,902,693; Mar. 21.
- Downing, Frederick B., (See Amick, M. G., Downing, and Parmelee.)
- Downing, Frederick B., (See Calcott, W. S., Carter, and Downing.)
- Downing, Frederick B., (See Calcott, W. S., Downing, and Powers.)
- Downing, Frederick B., (See Calcott, W. S., Nieuwland, and Downing.)
- Downing, Frederick B., (See Carter, A. S., and Downing.)
- Downing, Frederick B., Carneys Point, N. J., A. S. Carter, Wilmington, Del., and D. Hutton, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and process for acetylene polymerization. 1,926,039; Sept. 12.
- Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Discharge printing. 1,931,108; Oct. 17.
- Downing, Joseph M., (See Ayer, H. N., and Downing.)
- Downingtown Manufacturing Company. (See Edge, Jacob, assignor.)
- Downingtown Manufacturing Company. (See Ellis, Charles L., assignor.)
- Downingtown Manufacturing Company. (See Johnson, Carl, H. R., assignor.)
- Downingtown Manufacturing Company. (See Standley, A. H., and Street, assignors.)
- Downingtown Manufacturing Company. (See Street, Edward T., assignor.)
- Downs, Austin H., assignor to Elipse Air Brush Company, Inc., Newark, N. J. Lever control head. 1,915,123; June 20.
- Downs, Charles R., Old Greenwich, Conn., assignor to Weiss and Downs, Inc., New York, N. Y. Air drying device. 1,914,941; June 20.
- Downs, George F., (See Fisher, J. P., and Downs.)
- Downs, John E., (See Hunt, G. H., and Downes.)
- Downs, Percy L., Wollaston, Mass. Funnel. 1,938,138; Dec. 5.
- Downs, Sewell H., Kalamazoo, Mich. Air conditioning and circulating unit. 1,927,869; Sept. 26.
- Downs, Sewell H., assignor to Clarage Fan Company, Kalamazoo, Mich. Conditioning and ventilating system. 1,928,331; Sept. 26.
- Downs, Sewell H., assignor to Clarage Fan Company, Kalamazoo, Mich. Conditioning system. 1,928,332; Sept. 26.
- Dowsett, Harry M., Winchmore Hill, London, England, assignor to Radio Corporation of America. Television system. 1,939,805; Dec. 19.
- Dowst Manufacturing Company. (See Dowst, Theodore S., assignor.)
- Dowst, Theodore S., assignor to Dowst Manufacturing Company, Chicago, Ill. Packing structure. 1,908,965; May 16.
- Doxey, George A., Staten Island, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 1,928,831; Oct. 3.
- Doxford, William, & Sons Limited. (See Keller, Karl O., assignor.)
- Doyle, Edgar D., assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for controlling load distribution. 1,918,021; July 11.
- Doyle, Edgar D., assignor to Leeds & Northrup Company, Philadelphia, Pa. Proportional control apparatus. 1,930,353; Oct. 10.
- Doyle, Frank B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 1,927,543; Sept. 19.
- Doyle, Frederick W., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Assembling machine and jig. 1,905,690; Apr. 25.
- Doyle, Frederick W., Chicago, and J. C. Rogers, Maywood, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Pneumatic stamping machine. 1,925,286; Sept. 5.
- Doyle, John P., Lolo, Mont. Self-cleaning fish gate. 1,903,754; Apr. 18.
- Doyle, Michael P., Brooklyn, N. Y. Boring and facing tool with feed attachment. 1,905,819; Apr. 25.
- Doyle, Otis F., New Orleans, La. Sheet piling bulkheads. 1,902,397; Mar. 21.
- Doyle, William T., Dorchester, assignor to Sturtevant Mill Company, Boston, Mass. Method of and apparatus for hydrating cellulose pulp. 1,905,161; Apr. 25.
- Doyle, William T., Dorchester, assignor to Sturtevant Mill Company, Boston, Mass. Method of and apparatus for slushing pulp sheets. 1,910,382; May 23.
- Doyon, Eugene T., assignor, by mesne assignments, to Certain-teed Products Corporation. Roofing manufacture. 1,900,598; Mar. 7.
- Dozier, Joseph V., assignor of one-fourth to E. A. Arnim, Jr., and one-fourth to De Fay Johnson, Flatonia, Tex. Prosthetic catheter. 1,920,096; July 25.
- Drackett Chemical Company, The. (See Eudaly, N. L., Collins, and Vollmer, assignors.)
- Drader, Joseph C., Detroit, Mich., assignor to Michigan Tool Company. Lead testing machine. 1,898,084; Feb. 21.
- Dräger, Alexander B., deceased, by Elfriede Dräger, executrix, assignor to H. O. Dräger, Lubeck, Germany. Breathing apparatus. 1,917,182; July 4.
- Dräger, Bernhard. (See Stampe, Gerhard, K. E. H., assignor.)
- Dräger, Elfriede, executrix. (See Dräger, Alexander B.)
- Dräger, Heinrich O. (See Dräger, Alexander B., assignor.)
- Dräger, Otto H. (See Christensen, Alfred H. L., assignor.)
- Dräger, Otto Heinrich. (See Stelzner, Hermann, assignor.)
- Draheim, Paul E., assignor to P. Keuge and P. Kendzir, Los Angeles, Calif. Shopping bag. 1,897,018; Feb. 7.
- Draisbach, Fritz, assignor to Chemische Fabrik Joh. A. Benckiser G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Producing crustless cheese. 1,897,892; Feb. 14.
- Draisbach, Fritz, assignor to Chemische Fabrik Joh. A. Benckiser G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Cleansing agents. 1,935,334; Nov. 21.
- Drake, Alfred E., assignor of one-half to R. M. Destel, Los Angeles, Calif. Applicator. 1,924,916; Aug. 29.
- Drake, Alfred E., and R. M. Destel, Los Angeles, Calif. Combined bread box and slicer. 1,935,976; Nov. 21.
- Drake, Charles B., Norfolk, Va. Clock. 1,925,437; Sept. 5.
- Drake, Chester W., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronized motor drive for super-calenders and winders. 1,925,866; Sept. 5.
- Drake, Edwin H. (See Moore, C. G., and Drake.)
- Drake, Frederick H., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical amplifier circuit. 1,912,891; June 6.
- Drake, Frederick H., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Audio amplifier. 1,938,656; Dec. 12.
- Drake, George W. (See Burrell, E. P., and Drake.)
- Drake, Harcourt C., Hempstead, assignor, by mesne assignments, to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector. 1,893,074; Jan. 3.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector. 1,897,610; Feb. 14.
- Drake, Harcourt C., Hempstead, assignor, by mesne assignments, to Sperry Products, Inc., Brooklyn, N. Y. Purifying molten metal. 1,901,585; Mar. 14.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail fissure detector. 1,907,755; May 9.

- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Detecting broken rails. 1,907,756; May 9.
- Drake, Harcourt C., Hempstead, assignor, by mesne assignments, to Sperry Products, Inc., Brooklyn, N. Y. Rail fissure detector. 1,912,569; June 6.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detection. 1,912,570; June 6.
- Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector carriage guard. 1,933,546; Nov. 7.
- Drake, Harcourt C., Hempstead, N. Y., and F. D. Braddon, Los Angeles, Calif., assignors to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector for pipes. 1,933,547; Nov. 7.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for forming sheet or plate glass. 1,908,825; May 16.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Annealing leer. 1,908,826; May 16.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass surfacing tool. 1,924,597; Aug. 29.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing sheet glass. 1,928,371; Sept. 26.
- Drake, John L. and L. L. Handy, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for surfacing plate glass. 1,911,269; May 30.
- Drake Non-Clinkering Furnace Block Company. (See Allen, Stuart W., assignor.)
- Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Capping machine. 1,900,637; Mar. 7.
- Drallmeier, Edwin. (See Dwyer, L. B., and Drallmeier.)
- Drannon, Roy E., and N. W. Kenison, Bexley, Ohio. Hair waving and curling machine. 1,906,252; May 2.
- Drapák, Karel, Rochlice, near Liberec, Czechoslovakia. Grinding wheel. 1,933,520; Dec. 5.
- Drapeau, Joseph E., Jr. (See O'Brien, W. J., and Drapeau.)
- Draper, Charles T., Cleveland Heights, assignor to The Draper Manufacturing Company, Cleveland, Ohio. Closure for metallic containers. 1,914,409; June 20.
- Draper, Charles T., Cleveland Heights, assignor to The Draper Manufacturing Company, Cleveland, Ohio. Removable closure for metallic containers. 1,915,299; June 27.
- Draper, Charles T., Cleveland Heights, assignor to The Draper Manufacturing Company, Cleveland, Ohio. Threaded bung opening construction. 1,915,300; June 27.
- Draper, Charles H., Cleveland Heights, H. W. Lees, Shaker Heights, and W. C. Grosser, Cleveland, Ohio. Faucet construction. 1,924,057; Aug. 22.
- Draper, Chester W., Detroit, Mich. Cap wrench. 1,934,118; Nov. 7.
- Draper Corporation. (See Barrett, Edwin W., assignor.)
- Draper Corporation. (See Brown, Carl D., assignor.)
- Draper Corporation. (See Burdett, Horace H., assignor.)
- Draper Corporation. (See Couser, Isaac, assignor.)
- Draper Corporation. (See Davis, Harry A., assignor.)
- Draper Corporation. (See Douglas, Frederic E., assignor.)
- Draper Corporation. (See Herring, Frank D., assignor.)
- Draper Corporation. (See Hyde, Joseph, assignor.)
- Draper Corporation. (See Jenkins, Roy A., assignor.)
- Draper Corporation, The. (See Le Doux, Hector, assignor.)
- Draper Corporation. (See Noyes, Ira W., assignor.)
- Draper Corporation. (See O'Brien, Daniel N., assignor.)
- Draper Corporation. (See Ross, Edward, assignor.)
- Draper Corporation. (See Simpson, Jesse W.)
- Draper Corporation. (See Stimpson, Wallace I., assignor.)
- Draper Corporation. (See Wentz, Earle J., assignor.)
- Draper, Ernst E., Scarsdale, assignor to The Perser Corporation, New York, N. Y. Metal binding. 1,901,902; Mar. 21.
- Draper, Ernest E., Scarsdale, assignor to The Perser Corporation, New York, N. Y. Apparatus for viewing stereoscopic pictures. 1,930,228; Oct. 10.
- Draper, Frederick A., Cleveland, Ohio. Inkwell. 1,909,934; May 23.
- Draper, John B. (See Hague, A. E., and Draper.)
- Draper, John B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,917,879; July 11.
- Draper Manufacturing Company, The. (See Draper, Charles T., assignor.)
- Draper Manufacturing Company, The. (See Grosser, Walter C., assignor.)
- Draper-Maynard Company, The. (See Maynard, John E., assignor.)
- Draper, Thomas. (See Breisky, J. V., and Draper.)
- Drath, Paul. (See Hope, S. N., and Drath.)
- Draver, Emil R., Richmond, Ind., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,936,292; Nov. 21.
- Draves, Carl Z., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fixation of dyes on colored paper. 1,926,614; Sept. 12.
- Draves, Rudolph, Bonners Ferry, Idaho. Lumbago belt. 1,924,640; Aug. 29.
- Drawing, Charles H., Philadelphia, Pa. Modifiable condenser. 1,910,987; May 23.
- Dravo Contracting Company, The. (See Dawson, A. J., and Leigh, assignors.)
- Dravo Contracting Company, The. (See Dickinson, Mer-ville S., assignor.)
- Dravo Contracting Company, The. (See Kersting, Bernard H., assignor.)
- Dravo Contracting Company, The. (See Miller James S., assignor.)
- Dray, Clarence H., et al. (See Wert, Charles M., assignor.)
- Dray, Clifford A. (See Gilbert, H. W., and Dray.)
- Dreese, Erwin E., Worthington, assignor to The Lincoln Electric Company, Cleveland, Ohio. Dynamo electric machine. 1,915,778; June 27.
- Dreese, Erwin E., Worthington, assignor to The Lincoln Electric Company, Cleveland, Ohio. Mechanism for electric welding and the like. 1,922,760; Aug. 15.
- Dreifein, Henry A., Chicago, Ill. Heat treating process. 1,905,272; Apr. 25.
- Dreifein, Henry A., Chicago, Ill. Kiln and burner apparatus. 1,905,820; Apr. 25.
- Dreifein, Henry A., Chicago, Ill. Heat treating furnace. 1,938,814; Dec. 12.
- Dreher, Carl, Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corporation. Microphone control. 1,924,679; Aug. 29.
- Dreher, Otto. (See Meyer, G. L. N., and Dreher.)
- Dreibuss, Harry C., and G. S. Chiles, assignors to Scullin Steel Company, St. Louis, Mo. Truck side frame. 1,902,805; Mar. 21.
- Dreibuss, Harry C., and G. S. Chiles, assignors to Scullin Steel Co., St. Louis, Mo. Truck bolster. 1,902,806; Mar. 21.
- Dreibuss, Harry C., and G. S. Chiles, assignors to Scullin Steel Co., St. Louis, Mo. Reinforced truck bolster. 1,902,807; Mar. 21.
- Dreifuss, Walter, Niles Center, Ill. Drawing pad. 1,906,371; May 2.
- Dremel, Albert J., Racine, Wis. Hand vibrator. 1,918,458; July 18.
- Dremel, Albert J., Racine, Wis. Hair clipper. 1,939,253; Dec. 12.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Inboard truck with lateral motion means. 1,907,384; May 2.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Truck bolster and side bearing structure with lateral motion means. 1,921,913; Aug. 8.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Passenger truck suspension. 1,930,743; Oct. 17.
- Drenning, Percy R., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Truck spring. 1,931,183; Oct. 17.
- Dresher, Austin C., assignor to Cochrane Corporation, Philadelphia, Pa. System and apparatus for treating liquid. 1,917,704; July 11.
- Dresner, S., & Son, Inc. (See Plotkin, Oscar H., assignor.)
- Drespel, Harry, Brooklyn, N. Y. Dental slab. 1,896,772; Feb. 7.
- Dressel, Grayton F. (See Harlow, I. F., Kenaga, and Dressel.)
- Dressel, Henry M., assignor to Grigsby-Grunow, Chicago, Ill. Radio apparatus. 1,935,354; Nov. 14.
- Dressel, John W., Goldendale, Wash. Liver concentrate. 1,895,977; Jan. 31.
- Dressel, Oskar, Anton Ossenbeck, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Watersoluble urea compounds containing heterocyclic nuclei in the molecule. 1,898,431; Feb. 21.
- Dressen, George W., Mitchell, S. Dak. Straightener. 1,930,384; Oct. 10.
- Dresser, Revere W., San Diego, Calif. Wall construction. 1,894,676; Jan. 17.
- Dresser, S. R., Manufacturing Company. (See Ochtman, Leonard, Jr., assignor.)
- Dresser, S. R., Manufacturing Company. (See Ochtman, L., Jr., and Engelman, assignors.)
- Dresser, S. R., Manufacturing Company. (See Pfefferle, George H., assignor.)
- Dresser, S. R., Manufacturing Company. (See Seaberg, Grover, assignor.)
- Dresser, S. R., Manufacturing Company. (See Weber, Clifford P., assignor.)
- Dresser, S. R., Manufacturing Company. (See Whitaker, Louis P., assignor.)
- Dressler, Conrad, Paris, France, assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Method of and apparatus for glazing ceramic ware. 1,919,322; July 25.
- Dressler, Philip d'H., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Tunnel kiln. 1,916,363; July 4.
- Dressler, Philip d'H., Cleveland, Ohio, assignor, by mesne assignments, to Swindell-Dressler Corporation, Pittsburgh, Pa. Fuel treating apparatus. 1,928,415; Sept. 26.
- Dreux, Alexander H., Buffalo, N. Y., assignor to F. N. Burt Company, Ltd., Toronto, Ontario, Canada. Sifter container. 1,902,324; Mar. 21.
- Drew, Carl C., Cedar Rapids, Iowa. Spectacle holder. 1,931,286; Oct. 17.
- Drew, Edward A., Delta, Iowa. Water heater for stock. 1,895,028; Jan. 24.

- Drew, Fred. (See Whitman, Hyman L., assignor.)
- Drew, Jack J., McAlester, Okla. Box for shipping coal 1,896,812; Feb. 7.
- Drew, James F., assignor to Macwhyte Company, Kenosha, Wis. Sling and making the same. 1,901,439; Mar. 14.
- Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive sheeting and masking for painting. 1,895,978; Jan. 31.
- Drew, Stewart, Etna, N. Y. Method of and apparatus for producing sound records. 1,925,919; Sept. 5.
- Drewry, James S., assignor of one-half to Shelvoke & Drewry Limited, Letchworth, England. Vehicle body with detachable containers. 1,919,096; July 18.
- Drewry, Thomas E., Griffin, Ga. Direction indicator for vehicles. 1,922,796; Aug. 15.
- Drewry, William S., Winnipeg, Manitoba, Canada. Carton. 1,937,643; Dec. 5.
- Drews, Irma. (See Drews, Otto J., assignor.)
- Drews, Otto J., assignor of one per cent to Irma C. Thuermann, forty-nine per cent to Wilfred J. Thuermann, and one per cent to Irma Drews, Milwaukee, Wis. Garter fastener. 1,911,441; May 30.
- Drexel, Martin, Kaldenkirchen, Germany. Propeller arrangement. 1,899,434; Feb. 28.
- Drexel, Martin, Kaldenkirchen, Germany. Apparatus for producing accompanying music. 1,938,584; Dec. 12.
- Drexler, Charles, assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Transmission. 1,931,755; Oct. 24.
- Drexler, Charles, assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Making clutch springs. 1,935,147; Nov. 14.
- Drexler, Dana, Santa Barbara, and F. A. Morgan, Beverly Hills, Calif. Method and apparatus for drilling oil wells. 1,900,164; Mar. 7.
- Drexler, Franz, Ludwigshafen-on-the-Rhine, and E. v. Pongratz, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Waterproof building material. 1,912,626; June 6.
- Drey, Fraim, Brooklyn, N. Y. Supporting pad. 1,918,022; July 11.
- Dreyer, Charles F. (See Dennison, L. I., and Dreyer.)
- Dreyer, Charles F., La Grange, and N. K. Engst, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Receptacle. 1,929,918; Oct. 10.
- Dreyer, Harry W., Brooklyn, N. Y., assignor to Radio Corporation of America. Apparatus for speed control. 1,917,295; July 11.
- Dreyer, John F., jr., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio power supply apparatus. 1,906,452; May 2.
- Dreyer, John F., jr., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Sound reproducing system. 1,915,926; June 27.
- Dreyer, Paul, Stavanger, Norway. Typewriter and like machine. 1,900,982; Mar. 14.
- Dreyfus, Camille, New York, N. Y. Fabric and sheet material and the manufacture thereof. 1,903,960; Apr. 18.
- Dreyfus, Camille, New York, N. Y. Derivatives of cellulose composition of low inflammability. 1,907,521; May 9.
- Dreyfus, Camille, New York, N. Y. Fabric containing organic derivative of cellulose yarn. 1,908,328; May 9.
- Dreyfus, Camille, New York, N. Y. Coating composition containing cellulose ethers and film produced thereby. 1,909,935; May 23.
- Dreyfus, Camille, New York, N. Y. Pile fabric containing derivatives of cellulose and making the same. 1,910,429; May 23.
- Dreyfus, Camille, New York, N. Y. Pile fabric. 1,912,625; June 6.
- Dreyfus, Camille, New York, N. Y. Ultraviolet light transparent glass. 1,924,398; Aug. 29.
- Dreyfus, Camille, New York, N. Y. Discharge printing. 1,926,086; Sept. 12.
- Dreyfus, Camille, New York, N. Y., assignor to Celanese Corporation of America. Sound record. 1,907,520; May 9.
- Dreyfus, Camille, Basle, Switzerland, assignor to Celanese Corporation of America. Manufacture of articles made under heat and pressure. 1,910,948; May 23.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Saponification of cellulose esters. 1,895,919; Jan. 31.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Saponification of cellulose esters. 1,895,920; Jan. 31.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Partial saponification of material containing organic esters of cellulose. 1,897,691; Feb. 14.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Textile material and method of preparing the same. 1,897,793; Feb. 14.
- Dreyfus, Camille, New York, N. Y., and G. Rivat, Paterson, N. J., assignors to Celanese Corporation of America. Differentially coloring fabric and product thereof. 1,900,167; Mar. 7.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing of textile material with vat dyes. 1,900,168; Mar. 7.
- Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Treating cellulose derivative material and product thereof. 1,903,290; Apr. 4.
- Dreyfus, Camille, New York, N. Y., and George Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Removing combined sulphur from cellulose acetate. 1,903,961; Apr. 18.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making artificial filaments and product thereof. 1,904,209; Apr. 18.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, East Orange, N. J., assignors to Celanese Corporation of America. Discharge printing and fabric produced thereby. 1,905,346; Apr. 25.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Making organic esters of cellulose. 1,911,068; May 23.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, New York, N. Y. Producing cellulose acetate yarn. 1,912,364; June 6.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Textile material and making the same. 1,914,491; June 20.
- Dreyfus, Camille, New York, N. Y., H. E. Martin, and L. N. Lee, Cumberland, Md., assignors to Celanese Corporation of America. Preparing cellulose esters and product thereof. 1,918,251; July 18.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Producing cellulose acetate yarn. 1,927,155; Sept. 19.
- Dreyfus, Camille, New York, N. Y., W. Whitehead and H. W. Kuhl, Cumberland, Md., assignors to Celanese Corporation of America. Artificial bristles and making the same. 1,930,229; Oct. 10.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Producing cellulose acetate yarns and product thereof. 1,930,230; Oct. 10.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Purification of cellulose derivatives. 1,933,720; Nov. 7.
- Dreyfus, Camille, New York, N. Y., and G. W. Miles, Boston, Mass., assignors to Celanese Corporation of America. Making silk products. 1,936,753; Nov. 28.
- Dreyfus, Camille, New York, N. Y., and C. I. Haney, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Neutralizing aliphatic acids containing froth-producing substances. 1,936,754; Nov. 28.
- Dreyfus, Camille, New York, N. Y., and G. W. Miles, Boston, Mass., assignor to Celanese Corporation of America. Manufacture of mixed cellulose esters. 1,938,176; Dec. 5.
- Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 1,938,623; Dec. 12.
- Dreyfus, Henry, London, England. Manufacture of acetic acid. 1,896,224; Feb. 7.
- Dreyfus, Henry, London, England. Manufacture of cellulose or cellulosic products. 1,903,962; Apr. 18.
- Dreyfus, Henry, London, England. Treatment of cellulosic materials and to the production of cellulose esters and cellulose ester products therefrom. 1,911,069; May 23.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 1,911,942; May 30.
- Dreyfus, Henry, London, England. Manufacture of aliphatic anhydrides. 1,915,570; June 27.
- Dreyfus, Henry, London, England. Manufacture of oxygenated organic compounds. 1,916,041; June 27.
- Dreyfus, Henry, London, England. Production of useful products from cellulosic materials. 1,919,623; July 25.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,925,309; Sept. 5.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,925,310; Sept. 5.
- Dreyfus, Henry, London, England. Manufacture of aliphatic ketones. 1,925,311; Sept. 5.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,930,471; Oct. 17.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,930,472; Oct. 17.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,936,189; Nov. 21.
- Dreyfus, Henry, London, England. Treatment of cellulosic materials. 1,936,190; Nov. 21.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,936,585; Nov. 28.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,936,586; Nov. 28.
- Dreyfus, Henry, London, England. Treatment of cellulosic materials and to the production of cellulose esters and cellulose ester products therefrom. 1,936,587; Nov. 28.

- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,936,588; Nov. 28.
- Dreyfus, Henry, London, England. Production of cellulose esters. 1,936,589; Nov. 28.
- Dreyfus, Henry, London, England. Manufacture of cellulose esters. 1,936,590; Nov. 28.
- Dreyfus, Henry, London, England. Concentration of dilute aliphatic acids. 1,936,755; Nov. 28.
- Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 1,940,709; Dec. 26.
- Dreyfus, Henry, London, England. Alkacyl-alkoxyalkacyl esters of cellulose and making the same. 1,940,710; Dec. 26.
- Dreyfus, Henry, London, England. Manufacture of useful products from cellulose derivatives. 1,941,204; Dec. 26.
- Dreyfus, Henry, London, and W. A. Dickie, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, yarns or threads. 1,898,085; Feb. 21.
- Dreyfus, Henry, London, and G. H. Ellis, T. Ockman, and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing, printing, or stenciling of materials made of or containing cellulose derivatives. 1,914,942; June 20.
- Dreyfus, Henry, London, England, and C. I. Haney, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Manufacture of aliphatic anhydrides. 1,915,589; June 27.
- Dreyfus, Henry, London, and W. Bader, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of aliphatic acid anhydrides. 1,926,087; Sept. 12.
- Dreyfus, Henry, London, England, and C. I. Haney, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Manufacture of aliphatic anhydrides. 1,931,687; Oct. 24.
- Dreyfus, Henry, London, and E. Kinsella, J. Bower, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments or threads. 1,933,587; Nov. 7.
- Dreyfus, Henry, London, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivatives. 1,935,203; Nov. 14.
- Dreyfus, Ludwig A., assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Commutating electric machine. 1,916,462; July 4.
- Dreyfus, Ludwig, assignor to Allmänna Svenska, Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in electric induction furnaces without a closed ferromagnetic circuit. 1,935,046; Nov. 14.
- Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Winding for electrical induction furnaces without a closed ferromagnetic circuit. 1,935,047; Nov. 14.
- Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electrical induction furnace. 1,941,075; Dec. 26.
- Dreyfus-Rose, Emile, S. Rose, and V. R. Vaisset, Paris, France. Structure and structural block. 1,913,266; June 6.
- Dreyfuss, Henry, New York, N. Y., assignor to Capstan Glass Company, Connellsville, Pa. Jar or similar article. Des. 88,905; Jan. 3.
- Dreyfuss, Henry, New York, assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined wringer and casing for a washing machine. Des. 89,873; May 16.
- Dreyfuss, Henry, New York, assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Combined wringer and casing for a washing machine. Des. 90,616; Sept. 5.
- Dreyfuss, Jacques, assignor to the Firm Adria S. A. Galerie du Commerce, Lausanne, Switzerland. Adjustable brace. 1,893,986; Jan. 10.
- Driehaus, Herman W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,939,673; Dec. 19.
- Driest, Charles, Marlboro, N. J. Scissors. 1,892,877; Jan. 8.
- Drift-O-Cock Corporation. (See Gray, Joseph P., assignor.)
- Driggs, Frank H. (See Lillendahl, W. C., and Driggs.)
- Driggs, Frank H., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Recovery of rhenium. 1,911,943; May 30.
- Driggs, Frank H., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Preparing oxide free metal containing no voids. 1,920,638; Aug. 1.
- Driggs, Frank H., Bloomfield, and W. C. Lillendahl, Montclair, N. J., assignors to Westinghouse Lamp Company. Electroplating tantalum. 1,933,319; Oct. 31.
- Driggs, Lorenzo J., Altoona, Pa. Mine ventilating apparatus. 1,917,439; July 11.
- Driggs, Lorenzo J., Altoona, Pa. Transformer supporting means. 1,920,849; Aug. 1.
- Driggs, Lorenzo J., Altoona, assignor to F. F. Winters, Williamsport, Pa. Insulator pin. 1,911,558; May 30.
- Driggs, Louis L., jr. (See Faber, H. B., and Driggs.)
- Driggs, Louis L., jr., Tippecanoe City, Ohio. Cannon. 1,922,080; Aug. 15.
- Driggs, Louis L., jr., Tippecanoe City, Ohio. Parachute flare. 1,937,191; Nov. 28.
- Driggs, Louis L., jr., Tippecanoe City, Ohio. Flare signal. 1,937,220; Nov. 28.
- Driggs, Louis L., jr., assignor to The Tipp Fireworks Company, Tippecanoe City, Ohio. Fireworks. 1,922,081; Aug. 15.
- Driggs, Louis L., jr., assignor to International Flare-Signal Company, Tippecanoe City, Ohio. Flare supporting and firing device. 1,937,219; Nov. 28.
- Dring, Thomas A., Ringwood, England. Flying machine. 1,898,764; Feb. 21.
- Drinker, Philip, and L. A. Shaw, assignors, by mesne assignments, to W. E. Collins, W. E. Collins, jr., and W. G. Chick, Boston, Mass. Respirator. 1,906,453; May 2.
- Drinker, Philip, and L. A. Shaw, assignors, by mesne assignments, to W. E. Collins, W. E. Collins, jr., and W. G. Chick, Boston, Mass. Artificial respirator. 1,906,844; May 2.
- Drinkwater, James D. S., assignor to Link-Belt Company, Chicago, Ill. Wash box. 1,926,375; Sept. 12.
- Dripps, Irene M., et al. (See Dripps, Robert G., assignor.)
- Dripps, Robert G., assignor of one-half to I. M. Dripps, one-sixth to F. C. Wick, one-sixth to O. E. Bergstrom, and one-sixth to G. F. Thompson, Minneapolis, Minn. Pliers. 1,895,314; Jan. 24.
- Driscoll, Daniel W., Villanova, Pa. Automatic call mechanism. 1,922,572; Aug. 15.
- Driscoll, Timothy J. (See Garland, John A., assignor.)
- Drissner, Alfred E., and G. B. Petsche, assignors to The National Acme Company, Cleveland, Ohio. Centrifuge. 1,923,258; Aug. 22.
- Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Machine and swedging characters on metal articles. 1,930,589; Oct. 17.
- Driver-Harris Company. (See Henderson, John C., assignor.)
- Driver, Paul, and H. F. Poston, Delano, Calif. Foldable stand. 1,908,827; May 16.
- Drohn, Paul, Wolfenbuttel, Germany. Ball. 1,926,615; Sept. 12.
- Droll, Joseph W. (See Olson, Alex H., assignor.)
- Droll, Joseph W., Chicago, and A. H. Olson, Evanston, assignors to Droll Patents Corporation of Delaware, Chicago, Ill. Mattress tufting. 1,932,207; Oct. 24.
- Droll Patents Corporation of Delaware. (See Droll, J. W., and Olson, assignors.)
- Droste, Hans W., Nuremberg, and H. Kirchdörfer, Malmshausen, near Nuremberg, Germany. Compensation of capacity unbalances in the groups of cores of telegraph and telephone cables. 1,924,840; Aug. 29.
- Droste, Walter. (See Friedrich, H., and Droste.)
- Droste, Walter, and M. Werner, Wiesdorf-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Weather resistant coating material. 1,916,607; July 4.
- Droth, Alfred, Kassel-Wilhelmshöhe, and C. Volland, Kassel, Germany, assignors to The Superheater Company, New York, N. Y. Superheater. 1,896,294; Feb. 7.
- Drott, Edward A. (See Kerber, J. H., and Drott.)
- Drouin, Rosaire. (See Hebert, O., and Drouin.)
- Drown, Frank E. (See Belden, A. G., and Drown.)
- Druckemiller, Joseph E., Edge Hill, Pa. Combined bathtub and shower pan. Des. 90,361; July 25.
- Druckemiller, Joseph E., Edge Hill, Pa. Bathroom fixture. 1,901,151; Mar. 14.
- Drucker, Abraham, New York, N. Y. Cutting press. 1,907,757; May 9.
- Drucker, Rudolf, The Hague, Netherlands. Register or index. 1,895,409; Jan. 24.
- Drude, Charles H. (See Pfeiffer, K., and Drude.)
- Drude, Charles H., Ferndale, assignor to Chrysler Corporation, Detroit, Mich. Clutch member. 1,931,065; Oct. 17.
- Drueiding, Bernhard J., Philadelphia, Pa. Hat. 1,899,020; Feb. 28.
- Drug Products Co., The. (See Noonan, Harry, assignor.)
- Drug Products Co., The. (See Torlgian, John, assignor.)
- Druker, Joshua, Dorchester, Mass. Polishing device. 1,892,723; Jan. 3.
- Drum Battery Company Limited. (See Fay, J. M., and Drumm, assignors.)
- Drumm, James J. (See Fay, J. M., and Drumm.)
- Drummond, George S., et al. (See Weisenborn, Theodore A., assignor.)
- Drummond, James S., San Leandro, Calif. Carrier. 1,913,873; June 13.
- Drummond, James S., San Leandro, Calif. Power take-off. 1,928,884; Oct. 3.
- Drummond, James W., et al. (See Weisenborn, Theodore A., assignor.)
- Drummond, Joseph F., Norfolk, Va. Vending machine. 1,923,478; Aug. 22.
- Drummond, William E., River Forest, Ill. Casement window operator and lock. 1,916,562; July 4.
- Drury, Albert D., Dorchester, Mass. Holding device. 1,898,349; Feb. 21.
- Drury, Horace B., Washington, D. C. Antiskid chain. 1,905,998; Apr. 25.
- Drury, Horace F., Washington, D. C. Antiskid device. 1,905,997; Apr. 25.
- Drayun, Wolf, Los Angeles, Calif. Table. 1,911,070; May 23.

- Druyvesteyn, Mari J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Glow lamp circuit. 1,899,021; Feb. 28.
- Dryer, Charles G. (See Lowry, C. D., Jr., and Dryer.)
- Dryhurst, Samuel J., San Francisco, Calif. Ore separator. 1,935,547; Nov. 14.
- Dryice Corporation of America. (See Jones, C. L., and Small, assignors.)
- Dryice Corporation of America. (See Josephson, Walter S., assignor.)
- Dryice Equipment Corporation. (See Killeffer, David H., assignor.)
- Dryice Equipment Corporation. (See Martin, James W., Jr., assignor.)
- Drying Systems, Inc. (See Bluemel, Gustave, assignor.)
- Drying Systems, Inc. (See De Land, Walter E., assignor.)
- Drying Systems, Inc. (See Russell, B. B., and Uhlhorn, assignors.)
- Drysdale and Company, Limited. (See Drysdale, John W. W., assignor.)
- Drysdale and Company, Ltd. (See Drysdale, William, assignor.)
- Drysdale and Company, Ltd. (See Drysdale, J. W. W., and Young, assignors.)
- Drysdale, John W. W., assignor to Drysdale and Company, Limited, Yoker, Glasgow, Scotland. Centrifugal pump. 1,894,165; Jan. 10.
- Drysdale, John W. W., and J. Young, assignors to Drysdale and Company, Limited, Yoker, Glasgow, Scotland. Electrically-driven rotary pump. 1,919,097; July 18.
- Drysdale, William, Yoker, Glasgow, assignor to Drysdale and Company, Limited, Glasgow, Scotland. Toothed-wheel pump. 1,907,346; May 2.
- Drysdale, William D. (See Greenwald, H. A., and Drysdale.)
- Dry-Zero Corporation. (See Clements, Arthur L., assignor.)
- Drzewiecki, Joseph, Detroit, Mich. Vehicle wheel and mounting therefor. 1,903,443; Apr. 11.
- Du-All Mfg. Company, The. (See Henn, Ralph F., assignor.)
- Duart Manufacturing Co. Ltd. (See Keele, Ralph M., assignor.)
- Duart Manufacturing Co. Ltd. (See Moseley, Tomlinson I., assignor.)
- Dubbs, Arthur A., Denver Colo. Hanger. 1,895,613; Jan. 31.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Cracking petroleum oil. 1,897,245; Feb. 14.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Converting hydrocarbon oils. 1,897,576; Feb. 14.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,897,577; Feb. 14.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Cracking oils. 1,897,635; Feb. 14.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for treating petroleum and other hydrocarbons. 1,901,950; Mar. 21.
- Dubbs, Carbon P., Wilmette, assignor to The Universal Oil Products Company, Chicago, Ill. Converting petroleum oil. 1,927,156; Sept. 19.
- Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,935,148; Nov. 14.
- Dube, Isadore H., Cincinnati, Ohio. Match box. 1,902,767; Mar. 21.
- Duberstein, Samuel. (See Lawner, Nicholas.)
- Duberstein, Samuel, and N. Lawner, Brooklyn, N. Y. Electric vaporizer with liquid spraying or diffusing means. 1,933,245; Oct. 31.
- Dubilier Condenser Corporation. (See Dubilier, Philip, assignor.)
- Dubilier Condenser Corporation. (See Dubilier, William, assignor.)
- Dubilier Condenser Corporation. (See Dubilier, W., and Bailey, assignors.)
- Dubilier Condenser Corporation. (See Houck, Harry W., assignor.)
- Dubilier Condenser Corporation. (See Nyman, Alexander, assignor.)
- Dubilier, Philip, assignor to Dubilier Condenser Corporation, New York, N. Y. Electrical condenser. 1,907,758; May 9.
- Dubilier, William, New Rochelle, N. Y. Flasher device. 1,898,174; Feb. 21.
- Dubilier, William, New Rochelle, assignor to Dubilier Condenser Corporation, New York, N. Y. Making electrical condensers. 1,926,842; Sept. 12.
- Dubilier, William, New Rochelle, and W. M. Bailey, White Plains, assignors to Dubilier Condenser Corporation, New York, N. Y. High frequency small capacity condenser. 1,937,010; Nov. 28.
- Dubina, John J., Cicero, Ill. Air supply device. 1,916,257; July 4.
- Du Bois, Hilyer A., Richmond Hill, N. Y. Article supporting bracket. 1,922,935; Aug. 15.
- Du Bois, Horace. (See John, H., Le Febvre, and Du Bois.)
- Du Bois, Melda C., San Francisco, Calif. Sunshade. 1,911,817; May 30.
- Dubois, Raymond, assignor to Societe Cema Constructions Electro Mecaniques d'Asnieres (Societe Anonyme) Asnieres-Seine, France. Electrical recorder. 1,925,483; Sept. 5.
- Dubonnet, André, Neuilly sur Seine, France. Suspension for vehicles. 1,818,885; July 4.
- Dubonnet, André, Neuilly-sur-Seine, France. Suspension for vehicles. 1,892,937; Jan. 3.
- Dubonnet, André, Neuilly-sur-Seine, France. Individual steering wheel. 1,916,098; June 27.
- Dubonnet, André, Neuilly-sur-Seine, France. Mud guard suspension. 1,916,099; June 27.
- Dubos, Jean L., Neuilly sur Seine, France. Movable top panel for vehicles. 1,899,857; Feb. 28.
- Dubrovic, John, Chicago, Ill. Gauge for subatmospheric pressures. 1,928,096; Sept. 26.
- Dubusc, Roger, and A. D. Illovič, Paris, assignors to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge, Seine, France. Selective circuit protecting device. 1,896,943; Feb. 7.
- Ducamp, Albert J., and M. E. A. Baule, Paris, France. Process of coating. 1,932,156; Oct. 24.
- Ducat, George, Rochester, N. Y. Golf bag. 1,895,454; Jan. 31.
- Du Chaffaut, Roger. (See Etienne, A., Gosselin, and Du Chaffaut.)
- Ducharme, David A., Akron, Ohio, and F. H. Banbury, assignors to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Mixing machine. 1,938,377; Dec. 5.
- Duchene, Ernest, Schenectady, N. Y. Boiler plug expander. 1,921,810; Aug. 8.
- Du Chrome Film System Ltd. (See Kelley, William V. D., assignor.)
- Ducker, Joseph S., assignor to Tesser Manufacturing Corporation, New York, N. Y. Garment. 1,915,597; June 27.
- Duckham, Arthur M., assignor of one-half to Woodall-Duckham (1920) Limited, London, England. Furnace, carbonizing chamber and retort, and the like. 1,919,098; July 18.
- Duckman, Harry. (See Smith, Charles L., assignor.)
- Duckworth, Hyrum B., Garfield, Utah. Coupling. 1,939,207; Dec. 12.
- Duckworth, Robert E. (See Waite, Robert T., assignor.)
- Ducroux, René, St. Nazaire, France. Ship's scuttle. 1,897,693; Feb. 14.
- Dudew, Christo D., Sofia, Bulgaria. Safety razor. 1,894,553; Jan. 17.
- Dudick, Victor, assignor of one-third to J. E. Coughenour and one-third to L. J. Yezzi, North Belle Vernon, Pa. Dynamoelectric machine and system of control therefor. 1,895,379; Jan. 24.
- Dudick, Victor, assignor of one-third to J. E. Coughenour and one-third to L. J. Yezzi, North Belle Vernon, Pa. Alternating current machine and system of control therefor. 1,937,404; Nov. 28.
- Dudley, Andrew T., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Bottom manway cover for oil cracking stills. 1,916,158; June 27.
- Dudley, Colon J., Hamburg, N. Y. Basket fastening means. 1,914,410; June 20.
- Dudley, Dwight G., W. A. Miner, and R. J. Swartz, Endicott, N. Y. Button. Des. 89,949; May 23.
- Dudley, Edward F., Oak Park, assignor to The Miehle Printing Press & Manufacturing Company, Chicago, Ill. Sheet feeding mechanism. 1,920,295; Aug. 1.
- Dudley, Homer W., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission circuits. 1,907,147; May 2.
- Dudley, James G., New York, N. Y. Window. 1,919,418; July 25.
- Dudley, James G., New York, N. Y. Door. 1,919,419; July 25.
- Dudley Lock Corporation. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig, assignors.)
- Dudley Research Corporation. (See Levy, Dudley D., assignor.)
- Duduletz, John, Tregarva, Saskatchewan, assignor of one-half to Stephen Duduletz, Tregarva, Canada. Breast wrench. 1,900,169; Mar. 7.
- Duduletz, Stephen. (See Duduletz, John, assignor.)
- Dudzele Corporation of America. (See Mantell, Charles L., assignor.)
- Dueber, Lester G. (See Worthington, W. H., and Dueber.)
- Ducker, Werner. (See Esmond, L. B., and Ducker.)
- Duell, Charles H., and E. E. Brisbane, New York, N. Y., and D. C. Clarke, Mountain Lakes, N. J., assignors to International Cosmetic Company, Inc., New York, N. Y. Container for cosmetics and other small articles. 1,908,132; May 9.
- Duell, Holland S., Larchmond, N. Y. Landing gear for aircraft. 1,929,630; Oct. 10.
- Duer, Edward C., assignor of one-half to J. Harrah, Los Angeles, Calif. Rotary internal combustion engine. 1,902,768; Mar. 21.
- Dueriager, Walter E., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 1,931,791; Oct. 24.
- Duesenberg, Frederick S., assignor to Duesenberg, Inc., Indianapolis, Ind. Damping device for crank shafts. 1,902,787; Mar. 21.
- Duesenberg, Frederick S., assignor to Indianapolis Corporation, Indianapolis, Ind. Transmission. 1,931,756; Oct. 24.
- Duesenberg, Inc. (See Duesenberg, Frederick S., assignor.)

- Duey, Harold P., Los Angeles, Calif. Toothbrush. 1,897,365; Feb. 14.
- Duey, Harold P., Los Angeles, Calif. Toothbrush. 1,901,230; Mar. 14.
- Dufault, Homer D., assignor of one-sixth to A. Fugere, one-sixth to E. Fugere, one-sixth to A. Boucher, one-sixth to H. Bernier, and one-sixth to H. Bernier, Easthampton, Mass. Burner. 1,903,032; Mar. 28.
- Dufaux, Armand, Levallois Perret, Seine, France. Liquid and friction shock absorber for automobiles. 1,914,492; June 20.
- Duff, Charles L., Columbus, Ohio. Exercising machine. 1,916,660; July 4.
- Duff, John D., Pittsburgh, and L. E. Dietrich, Crafton, Pa., assignors to P. Duff & Sons, Inc. Making a dehydrated flour mixture. 1,931,892; Oct. 24.
- Duff, P., & Sons, Inc. (See Duff, J. D., and Dietrich, assignors.)
- Duffendack, Ora S., and R. A. Wolfe, Ann Arbor, Mich. Electron emitter and making same. 1,909,916; May 16.
- Duffey, Earl E., Gallatin, Mo. Selective point cultivator shovel. 1,912,477; June 6.
- Duffield, Carl E., Tulsa, Okla. Wrist pin shock absorber. 1,933,420; Oct. 31.
- Duffing, Georg, Hamburg, Germany. Viscometer. 1,894,369; Jan. 17.
- Duffing, Paul. (See Kesselring, L., Kaufmann, and Duffing.)
- Duff-Norton Manufacturing Company, The. (See Schwerin, Frank H., assignor.)
- Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Mat. 1,905,371; Apr. 25.
- Duffy, James F., assignor to Duffy Manufacturing Co., Holland, Mich. Plate covering and attachment. 1,905,372; Apr. 25.
- Duffy, James F., assignor to Manufacturing Company, Holland, Mich. Molding a motor mounting pad. 1,917,929; July 11.
- Duffy, James W., Maywood, Ill. Bookbinder's press board. 1,911,110; May 23.
- Duffy, John M., Ventnor, N. J. Furnace appliance. Re18,803; Apr. 25.
- Duffy Manufacturing Company. (See Duffy, James F., assignor.)
- Duffy, Michael J., Brooklyn, N. Y. Safety razor and hair cutter. 1,918,636; July 18.
- Duffy, Tom I., assignor, by mesne assignments, to Young Motor Trunk Company, Flint, Mich. Running board trim and securing means. 1,901,869; Mar. 21.
- Dugan Brothers Inc. (See Steffen, Charles G., assignor.)
- Dugan, Dorothy S., executors et al. (See Coleman, R. L., and Weinstein.)
- Dugan, Ferdinand F., and W. S. Campbell, Akron, Ohio. Display rack. Des. 89,585; Apr. 11.
- Du-Gas Fire Extinguisher Corporation. (See Gugas, Lodias J., assignor.)
- Dugas, Lodias J., Chicago, Ill., assignor to The Du-Gas Fire Extinguisher Corporation, New York, N. Y. Fire extinguisher container. 1,894,761; Jan. 17.
- Dugdale, Charles R., Fairhaven, Mass. Egg carton. Re18,965; Oct. 3.
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Printing plate. 1,912,437; June 6.
- Dugdale, Richard M., Dedham, assignor to Farrington Manufacturing Company, Boston, Mass. Printing device. 1,928,685; Oct. 3.
- Du Grenier, Arthur H., deceased; F. C. Du Grenier, administrator, assignor of one-half to Francis C. Du Grenier and one-half to Blanche E. Bouchard, Haverhill, Mass. Check testing mechanism. 1,921,611; Aug. 8.
- Du Grenier, Arthur H., deceased; Francis C. Du Grenier, administrator, assignor of one-half to F. C. Du Grenier and one-half to B. E. Bouchard, Haverhill, Mass. Coin controlled dispensing machine. 1,935,835; Nov. 21.
- Du Grenier, Arthur H., deceased; F. C. Du Grenier, administrator, assignor of one-half to F. C. Du Grenier and one-half to B. E. Bouchard, Haverhill, Mass. Dispensing machine. 1,938,815; Dec. 12.
- Du Grenier, Francis C., et al. (See Du Grenier, Arthur H., assignor.)
- Du Grenier, Francis C., administrator. (See Du Grenier, Arthur H.)
- Du Grenier, Francis C., Haverhill, Mass. Dispensing machine. 1,921,610; Aug. 8.
- Duhme, Emil, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company. Producing well-conducting electric connections between a layer of a metal compound and a coating of a ductile metal applied to it. 1,932,067; Oct. 24.
- Duisdieler, Carl, New York, N. Y. Cutting fabrics. 1,899,022; Feb. 28.
- Duitz, Maurice, Brooklyn, N. Y. Soldering and soldering apparatus. 1,925,656; Sept. 5.
- Duke, Mina S. (See Carter, A. J., and Duke.)
- Duke, William M. (See Mattern, G. C., Jr., and Duke.)
- Dulany, Ralph O. (See Stansbury, John H., assignor.)
- Dulin, James H., and H. B. Lentz, Toledo, Ohio, assignors to Blue Ribbon Books, Inc., New York, N. Y. Self-erecting illustration. 1,913,797; June 13.
- Dulin, John L., Noblesville, assignor to Continental Car-Na-Var Corporation, Brazil, Ind. Floor polishing machine. 1,909,338; May 16.
- Dulin, Robert M., jr. (See Ransdell, D. D., and Dulin.)
- Dulitz, Adolf, Wiesbaden, and J. Stawitz, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Capsule made of cellulose esters and preparing it. 1,897,422; Feb. 14.
- Dulken, Charles F., Arlington, N. J. Conditioning of yarn. 1,935,261; Nov. 14.
- Dillken, Charles F., Arlington, N. J. Moistening of textile fibers and yarns. 1,940,906; Dec. 26.
- Dumas, Albert O., Fisherville, Mass. Shuttle box control mechanism for looms. 1,915,271; June 27.
- Dumas, Joseph A., Brooklyn, N. Y. Electric oven. 1,910,682; May 23.
- Dumas, Maxwell G., Pittsburgh, Pa. Hot top. 1,913,434; June 13.
- Dumas, Maxwell G., Pittsburgh, Pa. Multiple ingot pouring apparatus. 1,915,650; June 27.
- Dumas, Maxwell G., Pittsburgh, Pa. Pouring metal. 1,915,651; June 27.
- Dumler, Charles, Canton, Okla. Cotton harvester. 1,894,305; Jan. 17.
- Dumm, Edwin J. (See Hook, A. U., and Dumm.)
- Dummer, Samuel R., Verona, N. J. Shipping case and the like. 1,926,268; Sept. 12.
- Du Mont, Allen B., Bloomfield, assignor to De Forest Radio Company, Jersey City, N. J. Radiotube. 1,898,351; Feb. 21.
- Du Mont, Allen B., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Automatic testing apparatus. 1,916,364; July 4.
- Du Mont, Allen B., Bloomfield, assignor to De Forest Radio Company, Jersey City, N. J. Filament. 1,924,543; Aug. 29.
- Du Mont, Allen B., Bloomfield, assignor to De Forest Radio Company, Jersey City, N. J. Rectifier device. 1,924,544; Aug. 29.
- Du Mont, Allen B., Upper Montclair, assignor to De Forest Radio Company, Passaic, N. J. Ultra-high frequency generating system. 1,915,356; June 27.
- Dumont, Ray, New York, N. Y. Doll. Des. 90,575; Aug. 29.
- Du Mont, William R. (See Koehler, O. E., and Du Mont.)
- Du-More Tap and Tool Company. (See Munn, Henry Q., assignor.)
- Dumser, Leo A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Feeding mechanism for machine tools. 1,940,404; Dec. 19.
- Dumser, Leo A., and C. J. Schroeder, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Lathe. 1,940,403; Dec. 19.
- Dunbar, Edward. (See Smith, Herbert E., assignor.)
- Dunbar, Frank H., Chagrin Falls, Ohio. Pressure applying mechanism. 1,922,886; Aug. 15.
- Dunbar-Gibson, Inc. (See Troendly, Harry P., assignor.)
- Dunbar, Howard W., and J. C. Baker, assignors to Norton Company, Worcester, Mass. Lapping device for cylindrical objects. 1,905,821; Apr. 25.
- Dunbar, James R., Atholville, New Brunswick, assignors to Thomas L. Dunbar, Montreal, Quebec, Canada. Pulp screen. 1,908,828; May 16.
- Dunbar, Thomas L. (See Dunbar, James R., assignor.)
- Dunbar, Thomas L., Watertown, N. Y. Method and apparatus for digesting fibrous material. 1,932,885; Oct. 31.
- Dunbar, Thomas L., and A. D. Merrill, Watertown, N. Y. Method and apparatus for the digestion of fibrous material. 1,918,459; July 18.
- Dunbar, Thomas L., assignor to Chemipulp Process, Incorporated, Watertown, N. Y. Production of pulp. 1,901,706; Mar. 14.
- Duncan, Charles R., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Lock. 1,929,679; Oct. 10.
- Duncan, Charles W., Sausalito, Calif. Building construction. 1,914,770; June 20.
- Duncan, Claude, Fillmore, Calif. Belt tightening apparatus. 1,911,071; May 23.
- Duncan Electric Manufacturing Company. (See Emens, Albert L., assignor.)
- Duncan Electric Manufacturing Company, The. (See Fryer, Roy C., assignor.)
- Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
- Duncan Electric Manufacturing Company. (See Holmes, Frederick, assignor.)
- Duncan, Harry F., assignor to Little Tavern Shops, Inc., Washington, D. C. Display cabinet. Des. 89,950; May 28.
- Duncan, James K., assignor to Ditto Incorporated, Chicago, Ill. Duplicating machine. 1,931,184; Oct. 17.
- Duncan, Joseph S., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,905,552; Apr. 25.
- Duncan, Lee N., Oklahoma City, Okla. Sprinkling device. 1,904,292; Apr. 18.
- Duncan, Robert D., jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Receiving wired radio signals on space radioreceivers. 1,892,696; Jan. 3.
- Duncan, Thomas P., jr., Newport News, Va. Furniture-tip. 1,915,272; June 27.
- Duncan, William M., Alton, Ill. Chain grate stoker. 1,939,164; Dec. 12.
- Dundas, Henry J., Toronto, Ontario, Canada. Toilet paper holder. 1,914,911; June 20.

- Dundon, Merle L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer with alkali substitute. 1,925,557; Sept. 5.
- Dundore, Marvin W., assignor to Beloit Iron Works, Beloit, Wis. Filter media. 1,910,758; May 23.
- Duner, John C., Chicago, Ill. Electric water closet. 1,920,367; Aug. 1.
- Duner, John C., Chicago, Ill. Water closet. 1,940,248; Dec. 19.
- Duner, Sven, Wheaton, Ill. Water closet. 1,898,656; Feb. 21.
- Duner, Sven, Wheaton, Ill. Water closet. 1,898,657; Feb. 21.
- Dunford, George B., St. Louis, Mo. Deadening composition. 1,914,912; June 20.
- Dunford, Ray E., and E. W. F. McMillan, Everett, Wash. Weeder. 1,903,097; Mar. 28.
- Dungan, Warren. (See Norcross, Harry E., assignor.)
- Dunham, Arthur L., Tomkinsville, N. Y. Method and apparatus for sterilizing. 1,902,625; Mar. 21.
- Dunham, C. A., Company. (See Crosthwait, David N., jr., assignor.)
- Dunham, C. A., Company. (See Dunham, Clayton A., assignor.)
- Dunham C. A., Company. (See Dwyer, Lawrence P., assignor.)
- Dunham, C. A., Company. (See Taylor, E. A., Pence and Dunham, assignors.)
- Dunham, Carlton R. (See Sandeman, E. K., Thomas, and Dunham.)
- Dunham, Carlton R., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. High speed telegraphy. 1,918,252; July 18.
- Dunham, Carlton R., and A. H. Roche, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Multiplex telegraph distributor. 1,901,951; Mar. 21.
- Dunham, Clayton A. (See Taylor, E. A., Pence and Dunham.)
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Pressure reducing valve. 1,909,936; May 23.
- Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Apparatus for heating by subatmospheric steam. 1,928,220; Sept. 26.
- Dunham Company, The. (See Karl, George E., assignor.)
- Dunham Company, The. (See Wolfe, Leonard W., assignor.)
- Dunham, George N., Los Angeles, Calif. Photoprint drier. 1,919,275; July 25.
- Dunham, George S., Fort Worth, Tex., assignor to Socony-Vacuum Corporation, New York, N. Y. Conversion of hydrocarbons. 1,913,049; June 6.
- Dunham, George W., Utica, N. Y., assignor, by mesne assignments, to The Whirlridy Corporation, New Haven, Conn. Washing machine. 1,898,033; Feb. 21.
- Dunham, George W., assignor, by mesne assignments, to The Whirlridy Corporation, New Haven, Conn. Laundry apparatus. 1,913,378; June 13.
- Dunham, George W., assignor to The Whirlridy Corporation, New Haven, Conn. Washing machine. 1,914,363; June 20.
- Dunham, Henry V., Bainbridge, N. Y. Glue and making same. 1,895,979; Jan. 31.
- Dunham, Henry V., Bainbridge, N. Y. Adhesive and making same. 1,927,927; Sept. 26.
- Dunham, Henry V., Bainbridge, assignor, by mesne assignments, to The Casein Manufacturing Company of America, Inc., New York, N. Y. Coating process and material. 1,922,936; Aug. 15.
- Dunham, Le Roy S., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery cell. 1,932,654; Oct. 31.
- Dunham, Sidney R., Seattle, Wash. Filter. 1,908,329; May 9.
- Dunka, Elmer B., assignor to The C. M. Kemp Mfg. Co., Baltimore, Md. Control device. 1,922,573; Aug. 15.
- Dunkel, Manfred. (See Mark, H., Dunkel, and Roell.)
- Dunkel, Manfred, Mannheim, and E. Dorner, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons. 1,937,554; Dec. 5.
- Dunkelberg, Ralph C., Fort Wayne, Ind. Water softening apparatus. 1,905,221; Apr. 25.
- Dunker, Henry C. L. (See Skov, Henry A., assignor.)
- Dunker, Henry C. L., Helsingborg, Sweden. Producing pressed rubber footwear. 1,939,440; Dec. 12.
- Dunker, John G., Chicago, Ill., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Calculating machine. 1,901,152; Mar. 14.
- Dunker, John G., Chicago, Ill., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Bookkeeping machine. 1,901,153; Mar. 14.
- Dunkerley, Alice G., Epping, and S. Keir, Burwood, near Sydney, assignors to Dunkerley Hat Mills Limited, Sydney, New South Wales, Australia. Lining band for headwear. 1,936,473; Nov. 21.
- Dunkerley Hat Mills Limited. (See Dunkerley, A. G., and Keir, assignors.)
- Dunkin, Damon D., Guion, Ark. Apparatus for grading material. 1,920,190; Aug. 1.
- Dunlap, Alfonso H., Chattanooga, Tenn. Portable bowling alley. 1,921,734; Aug. 8.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Thread core. 1,896,135; Feb. 7.
- Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Spool. 1,901,737; Mar. 14.
- Dunlap, Charles K., Darlington, assignor to Sonoco Products Company, Hartsville, S. C. Spool. 1,906,788; May 2.
- Dunlap, Clarence E. (See Wood, Myron W., assignor.)
- Dunlap, Clarence E., Sioux City, Iowa. Process and apparatus for beveling square tire patches. 1,918,838; July 18.
- Dunlap, Clarence E., Sioux City, Iowa. Strip beveling machine. 1,935,700; Nov. 21.
- Dunlap, Harry C. (See Stampfi, L. T., and Chiritescu, assignors.)
- Dunlap, Robert W., Washington, Pa. Plug for electrical connections. 1,913,072; June 6.
- Dunlap, Scott B., sr., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounted device. 1,930,928; Oct. 17.
- Dunlea, Dorothea, administratrix. (See Dunlea, John M., assignor.)
- Dunlea, John M., deceased; D. Dunlea, administratrix, assignor of one-fourth to I. Denwitt, Los Angeles, Calif. Drift indicator for aircraft. 1,926,583; Sept. 12.
- Dunleavy, Thomas R., Philadelphia, Pa. Lingerie shoulder strap. 1,936,127; Nov. 21.
- Dunlop Cotton Mills Limited. (See Andrew, T. E., and Langstreth, assignors.)
- Dunlop, Donald E., San Francisco, Calif. Closure for collapsible tubes. 1,919,712; July 25.
- Dunlop, George H., Melbourne, Victoria, Australia. Method and apparatus for tunnel construction and the like. 1,896,439; Feb. 7.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Elevator guide. 1,899,751; Feb. 28.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Slack cable take-up device. 1,901,635; Mar. 14.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Buffer safety shop. 1,905,273; Apr. 25.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Elevator governor. 1,905,274; Apr. 25.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Elevator guide shoe. 1,916,365; July 4.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Elevator safety brake. 1,924,310; Aug. 29.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Elevator guide-rail supporting device. 1,925,867; Sept. 5.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Quick-acting safety grip. 1,929,680; Oct. 10.
- Dunlop, James, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company. Elevator safety device. 1,937,035; Nov. 28.
- Dunlop Rubber Company. (See Chapman, W. H., and Pounder, assignors.)
- Dunlop Rubber Company. (See Goodyear, E. F., and Wright, assignors.)
- Dunlop Rubber Company. (See Tauber, S., and Fischmann, assignors.)
- Dunlop Rubber Company. (See Twiss, D. F., and Murphy, assignors.)
- Dunlop Rubber Company. (See Twiss, D. F., Neale, and Carpenter, assignors.)
- Dunlop Rubber Company. (See Young, H. C., and Hemm, assignors.)
- Dunlop Rubber Company Limited. (See Goodyear, E. F., Wright, and Trevaskis, assignors.)
- Dunlop Rubber Company Limited. (See James, R. G., and Twiss, assignors.)
- Dunlop Rubber Company Limited. (See Lane, Frederick H., assignor.)
- Dunlop Rubber Company Limited. (See Murphy, Edward A., assignor.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., and Owen, assignors.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., Owen, and Twiss, assignors.)
- Dunlop Rubber Company Limited. (See Paul, Wallace H., assignor.)
- Dunlop Rubber Company, Limited. (See Twiss, D. F., and Gorham, assignors.)
- Dunlop Rubber Company Limited. (See Twiss, D. F., and Jones, assignors.)
- Dunlop Rubber Company Limited. (See Twiss, D. F., Jones, and Anderson, assignors.)
- Dunlop Tire and Rubber Corporation. (See Karlsteen, Gustav H., assignor.)
- Dunlop Tire and Rubber Corporation. (See McChesney, C. S., Reid, and Cornell, assignors.)
- Dunlop Tire & Rubber Corporation. (See Reid, Frederick G., assignor.)
- Dunmire, Russell P. (See Rodman, C. J., and Dunmire.)
- Dunmore, Francis W. (See Diamond, H., and Dunmore.)
- Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Mich. Valve reseating tool driver. 1,904,941; Apr. 18.

- Dunn, Charles C., assignor to The Randall Company, Cincinnati, Ohio. Window glass cushioning device. 1,919,013; July 18.
- Dunn, Edward A. (See Dawson, G. H., Dunn, and Nickerson.)
- Dunn, Edward L. (See Lindquist, D. L., Dunn, and Larson.)
- Dunn, Edward L., East Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Electromechanical interlock. 1,896,541; Feb. 7.
- Dunn, Edward L., Montclair, N. J., assignor to Otis Elevator Company, New York, N. Y. Closure operating mechanism. 1,911,818; May 30.
- Dunn, Edward W., assignor of one-third to R. Castro, Dallas, Tex. Ice creeper. 1,935,944; Nov. 21.
- Dunn, George G., jr., Philadelphia, Pa., assignor to Shoe Lace Company, Ltd., Providence, R. I. Display and dispensing device. 1,911,678; May 30.
- Dunn, Harry E., assignor to W. E. Dunn Manufacturing Company, Holland, Mich. Brick machine. 1,908,640; May 9.
- Dunn, Holbert E. (See Saklatwalla, B. D., and Dunn.)
- Dunn, Irwin L., Tulsa, Okla. Packing. 1,905,822; Apr. 25.
- Dunn, John J. (See Hoffman, Otto C., assignor.)
- Dunn, John S., Norton-on-Tees, assignor to Imperial Chemical Industries, Limited, London, England. Removal of arsenic from sulphur. 1,899,562; Feb. 28.
- Dunn, Joseph A. (See Young, F. J., and Dunn.)
- Dunn, Louise M., and W. H. Mills, Cleveland, Ohio. Toy. 1,901,707; Mar. 14.
- Dunn, Thomas E., Bridgeport, Conn., assignor to The Bullard Company. Electrocleaning process. 1,898,765; Feb. 21.
- Dunn, Thomas E., Bridgeport, Conn., assignor to The Bullard Company. Electrochemical process for cleaning metal. 1,917,022; July 4.
- Dunn, Thomas E., Dyer B. Lake, and Earl T. Youd, assignors to The Bullard Company, Bridgeport, Conn. Chrome scale softening process. 1,919,624; July 25.
- Dunn, W. E., Manufacturing Company. (See Dunn, Harry E., assignor.)
- Dunn, William Earl, Kansas City, Mo. Fishhook fastening means. 1,905,449; Apr. 25.
- Dunn, William G., Clarinda, Iowa. Abrasive and holder therefor. 1,908,697; May 16.
- Dunn, William G., Clarinda, Iowa. Awning structure. 1,923,301; Aug. 22.
- Dunnam, Richard A. (See Gordon, J. W., and Dunnam.)
- Dunne, John P., Hollis, N. Y. Dispensing package. 1,918,088; July 11.
- Dunne-Patterson Company. (See Patterson, Julius E., assignor.)
- Dunne, William H., Toronto, Ontario, Canada. Skate. 1,911,148; May 23.
- Dünnebie, Max. (See Winkler, A., and Dünnebie.)
- Dunnell, William W., jr., assignor to The Reece Button Hole Machine Company, Boston, Mass. Needle bar guide for sewing machines. 1,914,943; June 20.
- Dunnell, William W., jr., assignor to The Reece Button Hole Machine Company, Boston, Mass. Thread cutter for buttonhole sewing machines. 1,935,083; Nov. 14.
- Dunner, Edwin M., Polk, Ohio. Fuel heater. 1,925,032; Aug. 29.
- Dunning, Charles, New Orleans, La. Roller bearing for car wheel journals. 1,912,571; June 6.
- Dunning, Fitzgerald, assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Therapeutic agent. 1,932,886; Oct. 31.
- Dunning, Neal M., Larchmont, assignor to John B. Pierce Foundation, New York, N. Y. Kitchen unit. Des. 90,873; Oct. 17.
- Dunning, Orville M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Apparatus for recording sounds. 1,917,830; July 11.
- Dunning, Orville M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric phonograph apparatus. 1,937,268; Nov. 28.
- Dunning, Samuel G., Cleveland Heights, assignor to The Reliance Electric & Engineering Company, Cleveland, Ohio. Mounting units. 1,893,699; Jan. 10.
- Dunning, William E., assignor to The McCaskey Register Company, Alliance, Ohio. Dual cash register. 1,899,083; Feb. 28.
- Dunning, William E., assignor to The McCaskey Register Company, Alliance, Ohio. Rotary indicator. 1,899,140; Feb. 28.
- Dunseth, Hilton E., San Antonio, assignor to Anderson, Clayton & Co., Houston, Tex. Cotton condenser. 1,913,479; June 13.
- Dunsheath, Percy, Sidcup, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Extrusion of metal pipes and the like. Re18,710; Jan. 10.
- Dunsheath, Percy, Sidcup, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Extrusion of metal pipes and the like. 1,895,881; Jan. 31.
- Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Vent plug for storage batteries. 1,898,718; Feb. 21.
- Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery container. 1,922,082; Aug. 15.
- Duo-Tor Manufacturing Company, The. (See Epstein, William C., assignor.)
- Dupau, Fernand, Paris, France. Electrically-heated soldering-iron. 1,906,225; May 2.
- DuPaul Central Optical Company. (See Guilmette, Renaldo, assignor.)
- Dupeyron, Auguste, Paris, France. Safety razor. 1,895,980; Jan. 31.
- Dupeyron, Auguste, Paris, France. Safety razor. 1,924,641; Aug. 29.
- Duplicate Corporation. (See Boynton, Vern K., assignor.)
- Duplicate Corporation. (See Dennison, Brook J., assignor.)
- Duplicate Corporation. (See Kamerer, J. W., and Fix, assignors.)
- Duplicate Corporation. (See Lytle, William O., assignor.)
- Duplicate Corporation. (See Macht, Maurice L., assignor.)
- Duplicate Corporation. (See Sherts, James H., assignor.)
- Duplicate Corporation. (See Sherts, J. H., and Willits, assignors.)
- Duplicate Corporation. (See Trace, F. B., and Whittemore, assignors.)
- Duplicate Corporation. (See Wright, Thomas G., assignor.)
- Duplicate Corporation. (See Wynd, J., and Sherts, assignors.)
- Duplicate Corporation. (See Zola, John C., assignor.)
- Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Leather buffing machine. 1,933,665; Nov. 7.
- Duplex Gas Holding Company. (See Guenther, George A., assignor.)
- Duplex Printing Press Company. (See Bechman, Henry F., assignor.)
- Duplex Swing-Spring Seat Company. (See Lichty, Luther D., assignor.)
- Dupois, Lucien G., and G. Tinel, assignors to Union d'Electricite, Paris, France. Protecting device for electric distributing systems. 1,903,033; Mar. 28.
- DuPont, Alfred C., et al. (See Smith, Clarence A., 2d, assignor.)
- Du Pont Cellophane Company. (See Charch, W. H., and Snyder, assignors.)
- Du Pont Cellophane Company. (See Coleman, Clarence E., assignor.)
- Du Pont Cellophane Company. (See Egger, Walter, assignor.)
- Du Pont Cellophane Company. (See Haff, Raymond E. T., assignor.)
- Du Pont Cellophane Company. (See Munson, J. M., and Becker, assignors.)
- Du Pont Cellophane Company Inc. (See Schmidt, M. P., and Voss, assignors.)
- Du Pont Cellophane Company Inc. (See Schwalbe, W., Fuchs, and Schnecko, assignors.)
- Du Pont Cellophane Company. (See Schwalbe, W., and Herrmann, assignors.)
- Du Pont Cellophane Company. (See Walthor, Herbert E., assignor.)
- Du Pont Cellophane Company. (See Wright, Henry H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Adams, R., Johnson, and Weinmayr, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Allemann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Albrecht, Herbert O., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Amick, M. G., Downing, and Parmelee, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, Edward F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. R., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Barker, Charles A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barnhart, George, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Izard, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Baum, Gustav, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beck, Walter, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Beekley, John S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berliner, J. F. T., Keifer, and Sherman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bidaud, Auguste F., assignor.)
- Du Pont, E. I., de Nemours & Company, et al. (See Boedecker, F., and Seemann, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Bond, H. A., and Smith, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bowers, Paul C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brill, John L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Buedinger, W. A., and Byam, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Burke, George W., assignor.)

- Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Bricka, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Carter, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Carter, and Downing, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Douglass, and Hayden, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Douglass, and Walker, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Downing, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Downing, and Powers, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Lee, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Nieuwland, and Downing, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Walker, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Callahan, Michael J., assignor.)
 Du Pont, E. I., de Nemours and Company. (See Cambron, Adrien, assignor.)
 Du Pont, E. I., de Nemours and Company. (See Carlisle, Paul J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., Hill, and Van Natta, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Carpenter, Gilbert B., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Carter, Albert S., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Carter, A. S., and Downing, assignors.)
 Du Pont, E. I., de Nemours and Company. (See Carveth, Hector R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Coolidge, Cole, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Couture, John R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Daudt, Herbert W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Cole, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Davis, C. W., Handforth, and Kirst, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Carter, and Hutton, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Clarkson, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Draves, Carl Z., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Dykstra, Harry B., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Ensminger, George R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Frei, John, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gauerke, Chester G., assignor.)
 Du Pont, E. I., de Nemours and Company. (See Gilbert, Harvey N., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gilbert, John W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gillie, Benjamin A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Given, G. C., Letts and Thomson, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gocher, W. S., and Parrett, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Goodrich, R. J., and Howell, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Goodrich, R. J., and Kinahan, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, Ivan, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Goodrich, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Murphy, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Oesch, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Rintelman, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Tinker, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., Weiland, and Henke, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., Weiland, and Stallmann, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hahn, Frederick C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hahn, F. C., and Fothergill, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Handforth, Stanley L., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Kirst, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hayas, E., and Lee, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hemmer, Andrew J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Henke, Clyde O., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Chariton, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Orthmann, assignors.)
 Du Pont, E. I., de Nemours & Co. (See Hetherington, Harry C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Higgins, Dale G., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hitch, Emmet F., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., and Black, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., and Dahlen, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Holmes, Walter C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hopkins, Horace H., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Howell, E. T., and Goodrich, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Howell, E. T., and Gubelmann, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Howell, E. T., and Stallmann, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Iliff, J. W., and Robinson, assignors.)
 Du Pont, E. I., de Nemours and Company. (See Izsak, Alexander, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Izsak, A., and Funk, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Jacobson, R. A., and Keats, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Johnson, Norman G., assignor.)
 Du Pont, E. I., de Nemours and Co. (See Jones, D. T., and Moore, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Jordan, Henry, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Woodward, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
 Du Pont, E. I., de Nemours and Company. (See Kloepfer, Harry, assignor.)
 Du Pont, E. I., de Nemours and Company. (See Lacy, Burritt S., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Larson, A. T., and Vail, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lawrie, James W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Lawson, Valter E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Ledru, M. J. L., and Bidaud, and Berger, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Buxbaum, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lenher, S., and Lewis, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lewers, W. W., and Schwartz, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lewis, Harold A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
 Du Pont, E. I., de Nemours & Co. (See Lubs, H. A., and Bowers, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Fox, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Lulek, Ralph N., assignor.)
 Du Pont, E. I., de Nemours & Company. (See McCormick, F. H., and Schwartz, assignors.)
 Du Pont, E. I., de Nemours and Company. (See McDermott, Frank A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Meuly, Walter C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Miller, Frederick W., Jr., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Morrison, M. H., and Nollau, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Morton, Francis B., assignor.)
 Du Pont, E. I., de Nemours and Company. (See Müller, Josef, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Oesch, assignors.)

- Du Pont, E. I., de Nemours & Company. (See Nicoll, William D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nieuwland, Julius A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., and Vogt, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Noddin, George A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nollau, Edgar H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nollau, E. H., and Rankin, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Perkins, Melvin A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Perry, John H., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Pitman, Arthur L., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Prince, Edmond, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Renouprez, Jules A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Richardson, Edgar C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rintelman, William L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Robinson, Paul, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rotherham, Walter S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Bosquet, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Schrauth, Walter, assignor.)
- Du Pont, E. I., de Nemours and Company. (See Scott, N. D., and Weston, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Seng, Rudolph, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Skilling, J. M., and Teeple, jr., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Smith, Francis H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sorenson, Ben E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, Charles D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, Charles P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, C. P., and Clark, assignors.)
- Du Pont, E. I., de Nemours and Company. (See Storch, Henry H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Taylor, H. S., and Lazier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Teeple, Oliver J., jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Hansen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Turner, John S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tyler, C., and Parker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Ulich, L., and Goodrich, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Vall, Walter E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weiland, Henry J., assignor.)
- Du Pont, E. I., de Nemours and Company. (See Wernlund, C. J., and Oplinger, assignors.)
- Du Pont, E. I., de Nemours & Company. (See White, Ernest C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Croco, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, I., and Neal, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Williams, Roger, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wirth, Walter V., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodward, Harold E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, Alexander J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zeisberg, Fred C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zimmerli, William F., assignor.)
- Du Pont, Eleuthere P., Wilmington, Del., and G. B. Weaver, assignors to Indian Motorcycle Company, Springfield, Mass. Vehicle chassis mechanism. 1,933,101; Oct. 31.
- Du Pont, Eleuthere P., Wilmington, Del., G. B. Weaver, and L. F. Hosley, assignors to Indian Motorcycle Company, Springfield, Mass. Motor tricycle. 1,933,102; Oct. 31.
- Du Pont Film Manufacturing Corporation. (See Moysse, Hollis W., assignor.)
- Du Pont Film Manufacturing Corporation. (See Sease, Virgil B., assignor.)
- Dupont, François M. (See Beaubien, P. de G., Schneider, and Dupont.)
- Du Pont, James Q., Johnstown, Pa. Fluid flow controlling mechanism. 1,899,235; Feb. 28.
- Dupont, Jean G., assignor of one-third to H. J. Lucke, New York, N. Y. Garment shield and making the same. 1,897,952; Feb. 14.
- Du Pont, Mark S., Darby, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Aerial banner. 1,901,855; Mar. 14.
- Du Pont Rayon Company. (See Bacon, Charles J., assignor.)
- Du Pont Rayon Company. (See Banigan, Thomas F., assignor.)
- Du Pont Rayon Company. (See Bradshaw, William H., assignor.)
- Du Pont Rayon Company. (See Charch, William H., assignor.)
- Du Pont Rayon Company. (See Harrison, P. E., and Sternberger, assignors.)
- Du Pont Rayon Company. (See Haskins, Joseph F., assignor.)
- Du Pont Rayon Company. (See Henningsen, Carleton, assignor.)
- Du Pont Rayon Company. (See Ladrette, Jean, assignor.)
- Du Pont Rayon Company. (See Lecomte, Gustave, assignor.)
- Du Pont Rayon Company. (See Mauge, Louis, assignor.)
- Du Pont Rayon Company. (See Niogret, Henri F., assignor.)
- Du Pont Rayon Company. (See Parker, Harold H., assignor.)
- Du Pont Rayon Company. (See Penche, Jean G., assignor.)
- Du Pont Rayon Company. (See Picard, Rene, assignor.)
- Du Pont Rayon Company. (See Zapf, Louis, assignor.)
- Du Pont Viscoloid Company. (See Alfthan, J., and Loftjelm, assignors.)
- Du Pont Viscoloid Company. (See Bren, Bozotech C., assignor.)
- Du Pont Viscoloid Company. (See Clewell, John H., assignor.)
- Dupont Viscoloid Company. (See Dickson, Robert F., assignor.)
- Du Pont Viscoloid Company. (See Norton, F. H., and Person, assignors.)
- Du Pont Viscoloid Company. (See Taylor, John S., assignor.)
- Du Pont Viscoloid Company. (See Terhune, Leonard B., assignor.)
- Dupres, Arthur, Pawtucket, R. I. Picker stick for looms. 1,930,385; Oct. 10.
- Dupuis, Charles A., Montreal, Quebec, Canada. Windshield cleaner. 1,931,605; Oct. 24.
- Dupuis, Dennis R., Santa Monica, and E. W. Peterson, Alhambra, Calif.; said Peterson assignor to said Dupuis. Headlight construction. 1,933,896; Nov. 7.
- Dupuy, Joseph F., et al. (See Buchek, Jules, assignor.)
- Dupuy, Louis E. (See Jennings, C. S., and Dupuy.)
- Dupuy, Louis E., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 1,899,320; Feb. 28.
- DuPuy, Richard R., assignor to Wright-De Coster, Inc., St. Paul, Minn. Tone control for loud speakers. 1,918,839; July 18.
- Dura Company, The. (See Cook, Everett J., assignor.)
- Dura Company, The. (See Cook, E. J., Floraday, and Miller, assignors.)
- Dura Company, The. (See Floraday, Burton S., assignor.)
- Dura Company, The. (See Graft, George, assignor.)
- Dura Company, The. (See Miller, Dorr, assignor.)
- Dura Company, The. (See Moore, S. C., and Bowker, assignors.)
- Dura Company, The. (See Sattler, C., and Haskins, assignors.)
- Durabilt Steel Locker Co. (See Kaser, Everett D., assignor.)
- Durafer (Inc.). (See Geisler, William A., assignor.)
- Durafer (Inc.). (See Sargent, William D., assignor.)
- Durafer, Inc. (See Sargent, W. D., assignor, and Keller.)
- Duraloy Company, The. (See Carpenter, Oliver K., assignor.)
- Durametallie Corporation. (See Caley, Ephraim, assignor.)
- Durametallie Corporation. (See Hall, Charles C., assignor.)
- Durán, Rodrigo F., Barranquilla, Colombia. Combined message blank and envelope. 1,893,276; Jan. 3.
- Durand, Arthur F., Ravinia, Ill., assignor, by mesne assignments, to Saranac Machine Company, Benton Harbor, Mich. Basket. 1,897,366; Feb. 14.
- Durand, Arthur F., Ravinia, Ill., assignor to Saranac Patents Holding Company, Benton Harbor, Mich. Wire-bound box blank. 1,922,842; Aug. 15.
- Durand & Huguenin S. A. (See Brandt, P., Gubler, and Tschan, assignors.)
- Durand & Huguenin S. A. (See De Niederhäusern, Georges, assignor.)
- "Durand & Huguenin S. A." (See Hug, E., and Werdenberg, assignors.)
- Durand & Huguenin S. A. (See Ratti, Roger, assignor.)
- Durand, Jean B., Marseilles, France. Manufacture of foundry molds. 1,918,089; July 11.
- Durand, Jean B., Marseilles, France. Composition for foundry molds. 1,918,090; July 11.
- Durand, Jean B., Marseilles, France. Manufacture of foundry molds. 1,924,028; Aug. 22.

- Durand, Nelson C., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Carriage or support for phonographs or similar apparatus. 1,908,737; May 16.
- Durand, Samuel R., assignor to International Communications Laboratories, Inc., New York, N. Y. Transmitter protective system. 1,939,340; Dec. 12.
- Durane, Stephen J., assignor of one-half to S. R. Block, Johnstown, Pa. Permanent wave winder. 1,905,373; Apr. 25.
- Durant, Henry T., Crawley, H. L. Sulman, and H. F. K. Picard, assignors to The General Engineering Company, Incorporated, London, England. Recovery of values from cyanide solutions. 1,895,412; Jan. 24.
- Durant, Kenneth J., and C. F. Hildring, Akron, Ohio, assignors to American Hard Rubber Company, New York, N. Y. Frame for refrigerator doors. 1,920,007; July 25.
- Durbin, Stanley H., assignor to Gifford-Wood Company, Hudson, N. Y. Transfer conveyer. 1,895,411; Jan. 24.
- Durbin, Vernon, Newton, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Time relay. 1,908,589; May 9.
- Durbin, Vernon, Newton, and R. B. Baker, Watertown, assignors to The Holtzer-Cabot Electric Company, Roxbury, Mass. Annunciator. 1,935,262; Nov. 14.
- Durbin, Votaw S., St. Louis, Mo. Earth anchor. 1,907,759; May 9.
- Durbin, Votaw S., St. Louis, Mo. Street marker. 1,929,809; Oct. 10.
- Durbin, Votaw S., St. Louis, Mo. Car brake. 1,939,296; Dec. 12.
- Durbin, Augustus C., jr., Chicago, Ill. Vacuum condensation pump. 1,901,154; Mar. 14.
- Durbin, Augustus C., jr., assignor to Chicago Pump Company, Chicago, Ill. Lubricating means for pump shafts. 1,915,652; June 27.
- Durbin, Augustus C., jr., assignor to Chicago Pump Company, Chicago, Ill. Electric switch mechanism. 1,936,051; Nov. 21.
- Durenre Metallwerke Aktiengesellschaft. (See Meissner, Karl L., assignor.)
- Durepaire, Louis, Epinay-sur-Seine, and B. Quanquin, Grand-Couronne, France. Simultaneous manufacture of dicalcium phosphate and of ammonium chloride. 1,930,744; Oct. 17.
- Durepo, Joseph B., Presque Isle, Maine. Wire fabric. 1,939,002; Dec. 12.
- Durfee, Ogden F., Darien, Conn. Pipe coupling. 1,910,152; May 23.
- Durgin, Charles B., and R. L. Jenkins, Anniston, Ala., assignors to Swann Research, Inc. Diaryl containing wax-like solid. 1,894,266; Jan. 17.
- Durham, Fred D., assignor to C. Lee Cook Manufacturing Company, Louisville, Ky. Rod wiping mechanism. 1,900,437; Mar. 7.
- Durham, George W., et al. (See Johnson, Austin C., assignor.)
- Durham, Harold L., Everett, Wash. Corrosion preventing attachment for boats. 1,900,011; Mar. 7.
- Durham, Hobart N. (See Morgan, J. D., and Durham.)
- Durham, Hobart N., Jackson Heights, N. Y. Planographic printing. 1,895,125; Jan. 24.
- Durham, Hobart N., Munsey Park, N. Y., and G. B. Finnegan, jr., Mountain Lakes, assignors to Beauty Utilities, Inc., Summit, N. J. Permanent waving apparatus. 1,926,987; Sept. 12.
- Durham, James, Warsaw, Ind. Fish bobber. 1,934,845; Nov. 14.
- Dürig, Alfred, assignor to the Firm Schweiz Lokomotiv- & Maschinenfabrik, Winterthur, Switzerland. Reversing gear comprising pressure oil operated control couplings particularly for ships' drives. 1,896,440; Feb. 7.
- During, William J., assignor to Precision Castings Company, Inc., Syracuse, N. Y. Die-casting machine. 1,911,111; May 23.
- During, William J., assignor to Precision Castings Company, Inc., Syracuse, N. Y. Die-casting machine. 1,931,489; Oct. 24.
- During, William J., assignor to Precision Castings Company, Inc., Syracuse, N. Y. Die-casting machine. 1,939,960; Dec. 19.
- Durium Products Corporation. (See Acheson, Arthur M., assignor.)
- Durium Products Corporation. (See Beans, Hal T., assignor.)
- Durium Products Corporation. (See Reilly, J., and Beans, assignors.)
- Durkan, Thomas M., assignor to Gleason Works, Rochester, N. Y. Method of and apparatus for relieving face mill cutter blades. 1,906,845; May 2.
- Durkee-Atwood Company. (See Kile, Alfred W., assignor.)
- Durkee, E. W., Last Company. (See Durkee, Ernest W., assignor.)
- Durkee, Ernest W., assignor to E. W. Durkee Last Manufacturing Company, Lynn, Mass. Rebuilding lasts. 1,920,974; Aug. 8.
- Durnan, Edgar F., San Francisco, Calif. Engine. 1,897,553; Feb. 14.
- Durnell, Joseph W. (See Ziegler, W. L., and Durnell.)
- Durnin, Joseph V., Allentown, Pa. Thermostatic device. 1,913,920; June 13.
- Durning, James P. (See Gladeck, F. C., and Durning.)
- Dur-O-Lite Pencil Company. (See Lynn, John P., assignor.)
- Duro Company, The. (See O'Brien, W. L., and Zimmerman, assignors.)
- Duro Metal Products Company. (See Hawkins, Walter L., assignor.)
- Duro Metal Products Company. (See McNaught, Norris E., assignor.)
- Duro Metal Products Company. (See McNaught, N. F., and Peterson, assignors.)
- Durr, Arthur W., Akron, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Pipe coupling. 1,926,197; Sept. 12.
- Dürr, Karl, Pforzheim, Germany. Automatic machine for producing spring ring casings. 1,910,214; May 23.
- Durst, Ernst and George Ehret, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Signaling device. 1,934,593; Nov. 7.
- Durst, Joseph H., Portland, Oreg. Brake. 1,909,034; May 16.
- Durward, Eric S., Dallas, Tex., assignor to Shell Petroleum Corporation. Adjustable bottom hole flow bean. 1,893,934; Jan. 10.
- Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
- Duryea, O. C., Corporation. (See Simonson, Sigvard, assignor.)
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,894,554; Jan. 17.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,902,019; Mar. 21.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,904,293; Apr. 18.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,904,294; Apr. 18.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,938,743; Dec. 12.
- Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,938,744; Dec. 12.
- Dusinberre, George B., Wellsboro, Pa. Straightener for shoe soles. 1,893,987; Jan. 10.
- Dusopolos, Theologie G., Boston, Mass. Shoe heel. 1,921,663; Aug. 8.
- Dusopolos, Theologie G., Roslindale, Mass. Hat block. 1,931,688; Oct. 24.
- Dust Guards, Inc. (See Chaney, Franklin V., assignor.)
- Dustmann, Friedrich W. (See Heine, A., and Dustmann.)
- Dutton, Charles F., Cleveland, Ohio. Educational test appliance. 1,915,653; June 27.
- Dützmann, Heinrich, Durlach, near Karlsruhe, Germany. System of distributing and testing terminals arranged in rows. 1,936,963; Nov. 28.
- Duuck, Josias D., Sequim, Wash. Hog feeder. 1,901,089; Mar. 14.
- Duval, Adrien J. P., et al. (See Aubert, Pierre F. M., and A. J. P. and H. A. M. Duval.)
- Duval, Adrien J. P., assignor to Aubert & Duval Frères, Paris, France. Container, more particularly for nitriding purposes. 1,941,128; Dec. 26.
- Duval d'Adrian, Alexander L., Alton, Ill., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Preventing sweating of glass of refrigerating cases and the like. 1,913,702; June 13.
- Duval d'Adrian, Alexander L., Alton, Ill., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Preventing sweating of glass of refrigerating cases. 1,913,703; June 13.
- Duval, Henri A. M., et al. (See Aubert, Pierre F. M., and A. J. P. and H. A. M. Duval.)
- Duval, James, Camas, Wash. Bag and closure means therefor. 1,905,982; Apr. 25.
- Du Vander, Charles A., Santa Rosa, Calif. Sacking machine. 1,935,836; Nov. 21.
- Duwelius, Walter S., Cincinnati, Ohio. Game board. Des. 88,906; Jan. 3.
- Dux, Walter. (See Scheiber, Johannes, assignor.)
- Dvorak, Wenzel J., Houston, Tex. Concrete construction. 1,914,112; June 13.
- Dvornikoff, Michael N., assignor to Monsanto Chemical Works, St. Louis, Mo. Manufacture of mixed alkyl phenyl esters. 1,899,919; Feb. 28.
- Dwight & Lloyd Metallurgical Company. (See Hyde, Reed W., assignor.)
- Dwight & Lloyd Sintering Company. (See Lloyd, Thorne E., assignor.)
- Dwofsky, Bernard, assignor of two-thirds to B. H. Horton, and D. W. Horton, Syracuse, N. Y. Food chopping machine. 1,922,761; Aug. 15.
- Dwork, Max, Brooklyn, N. Y. Jack. 1,905,624; Apr. 25.
- Dwork, Max, Brooklyn, N. Y. Urinal. 1,928,170; Sept. 26.
- Dwork, Max, Brooklyn, N. Y. Jacking attachment. 1,928,171; Sept. 26.
- Dworkin, Samuel, Passaic, N. J., assignor to Passaic Kiddie Shop, Inc. Garment hanger. 1,892,936; Jan. 3.
- Dworsky, Abraham S., assignor to J. N. Catlow, New York, N. Y. Film cleaning machine. 1,927,784; Sept. 19.
- Dwyer, Frank W., Oak Park, Ill. Gauge. 1,917,637; July 11.

- Dwyer, Lawrence P., Winnetka, Ill., assignor to C. A. Dunham, Company, Marshalltown, Iowa. Removable base-board for concealed radiators. 1,898,526; Feb. 21.
- Dwyer, Leo B., and E. Drallmeier, Hinsdale, Ill. Illuminated sign. 1,894,857; Jan. 17.
- Dwyer, William C. (See Johnson, A. E. W., and Dwyer.)
- Dyal, Edward C., Lincoln Park, Mich. Latch mechanism. 1,894,555; Jan. 17.
- D'Yarmett, Edward C., assignor to The Fractionator Company, Kansas City, Mo. Apparatus for treating liquids. 1,932,514; Oct. 31.
- Dybvig, Henry G., assignor to General Motors Radio Corporation, Dayton, Ohio. Electrical apparatus. 1,904,422; Apr. 18.
- Dybvig, Henry G., assignor to Delco Products Corporation, Dayton, Ohio. Thermostatic switch. 1,905,823; Apr. 25.
- Dyche, Howard E., Pittsburgh, Pa. Camera operating mechanism. Des. 18,956; Sept. 19.
- Dyckerhoff, Eduard, Schloss Blumenau Wunstorf, Germany, assignor to N. V. Internationale Alfol-Maatschappij, Amsterdam, Netherlands. Heat insulation for air spaces. 1,934,174; Nov. 7.
- Dye, Joseph W., assignor of one-half to H. E. Gillespie, Long Beach, Calif. Can puncturing and sealing device. 1,923,779; Aug. 22.
- Dyer, Douglas H., and W. F. Rodenkirchen; said Douglas H. Dyer assignor to W. M. Dyer, St. Paul, Minn. Traffic signal. 1,918,327; July 18.
- Dyer, Harold I., Detroit, Mich., assignor to Wilcox-Rich Corporation. Piston pin. 1,936,158; Nov. 21.
- Dyer, Harvey E., assignor to F. H. Noble & Co., Chicago, Ill. Fastener for soft collars and other articles. 1,908,229; May 9.
- Dyer, Horace T., Coscob, Conn. Smokestack. 1,939,254; Dec. 12.
- Dyer, Horace T., New York, N. Y., and H. R. Liebert and F. D. Swan, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Mooring mast. 1,918,523; July 18.
- Dyer, John B., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,941,342; Dec. 26.
- Dyer, Leonard H., New York, N. Y. Receptacle for edge tools. 1,912,627; June 6.
- Dyer, Lloyd W., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,899,612; Feb. 28.
- Dyer, Lloyd W., Swissvale, and W. M. Leeds, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. High voltage circuit breaker. 1,911,072; May 23.
- Dyer, Tom G., assignor to Standard Products Company, Des Moines, Iowa. Preparing supplemental food product. 1,898,350; Feb. 21.
- Dyer, Wilfrid S., Battle Creek, Mich. Level. 1,915,596; June 27.
- Dyer, William E. S., Noble, Pa. Expansion equalizing means for pipe junctures. 1,896,225; Feb. 7.
- Dyer, William J. H., Providence, R. I. Boat hull. Des. 88,862; Jan. 3.
- Dyggve, Ejgil V. P., assignor to Koefoed, Hauberg, Marstrand & Helweg, Aktieselskabet Titan, Copenhagen, Denmark. Grab. 1,905,450; Apr. 25.
- Dyksterhuis, Popko R., Eindhoven, Netherlands, assignor to Radio Corporation of America. Push-pull amplifier. 1,931,648; Oct. 24.
- Dykstra, Harry B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Crotyl cellulose and crotyl cellulose compositions. 1,920,297; Aug. 1.
- Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective headgear. 1,935,204; Nov. 14.
- Dymet Company. (See Dymet, Elwood, assignor.)
- Dymet Company, The. (See Mullen, James T., assignor.)
- Dymet, Elwood, assignor to Dymet Company, Cleveland, Ohio. Receptacle. 1,911,073; May 23.
- Dymock, Raymond, Hamburg, N. J. Removable cylinder. 1,940,677; Dec. 26.
- Dyrr, Jacob V., Bell, Calif. Intergeared offset disk harrow. 1,916,720; July 4.
- Dyrr, Jacob V., Bell, Calif. Intergeared offset disk harrow. 1,916,721; July 4.
- Dyrr, Jacob V., Bell, Calif. Adjustable depth ground working implement. 1,932,450; Oct. 31.
- Dyrssen, Henry. (See Klinkhammer, A., and Dyrssen.)
- Dysart, William L., Louisville, Ky. Antiglare device. 1,903,917; Apr. 18.
- Dysert, Charles F., Johnstown, Pa. Printing machine. 1,939,882; Dec. 19.
- Dyson, Louis M., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,911,559; May 30.
- Dysthe, Martinus, Minneapolis, Minn. Jointed metallic hose casing. 1,905,824; Apr. 25.
- Dziedzic, Nicholas J., and H. H. McKee, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 1,913,834; June 13.
- E. A. Laboratories, Inc. (See Aufero, John M., assignor.)
- E-K, Medical Gas Laboratories, Incorporated. (See Horner, Aurelius P., assignor.)
- E. M. F. Electric Company Proprietary Limited. (See Holland, Roy A., assignor.)
- E. and T. Fairbanks and Company. (See Bousfield, Alfred, assignor.)
- E-Z Reach Paper Cutter Corporation. (See Bowles, H., and McClintock, assignors.)
- Eacock, Charles J., Topeka, Kans., and C. H. Clauser, deceased, Kansas City, Mo., C. H. Clauser, administratrix. Pressure metering device. 1,940,792; Dec. 26.
- Eacock, Charles J., Kansas City, Mo., and C. H. Clauser, deceased, C. H. Clauser, administratrix. Metering fluid feeding device. 1,940,793; Dec. 26.
- Eager, Frederick W., Arlington, assignor to Beckwith Manufacturing Company, Boston, Mass. Making innersoles. 1,926,765; Sept. 12.
- Eagle Laundry Company. (See Klemme, Maurice G., assignor.)
- Eagle Knitting Mills. (See Hendrickson, Alfred L., assignor.)
- Eagle Manufacturing Company. (See Paul, Samuel O., assignor.)
- Eagle Pencil Company. (See Anderson, Oscar B., assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See Hill, Robert J., assignor.)
- Eagle Pencil Company. (See Hochman, Julius C., assignor.)
- Eagle Pencil Company. (See Keeran, Charles R., assignor.)
- Eagle-Picher Lead Company. (See Clapson, W. J., and Sheppard, assignors.)
- Eagle Signal Sales Corporation. (See Turner, H. I., and Freeberg, assignors.)
- Eagleson, Jess G. (See Buehler, F., and Eagleson.)
- Eaid, John R., Chicago, Ill. Airplane wheel. 1,913,435; June 13.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feed-off-arm sewing machine. 1,917,756; July 11.
- Eames, George M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,917,757; July 11.
- Eames, Walter R. (See Marchese, J., and Eames.)
- Eames, William F. (See Hearn, G. K., Barton, and Eames.)
- Eames, William F. (See Mattingly, H. W., and Eames.)
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 1,905,275; Apr. 25.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 1,911,356; May 30.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,929,681; Oct. 10.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,930,512; Oct. 17.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,930,513; Oct. 17.
- Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Two-button multiaction control system. 1,930,514; Oct. 17.
- Eames, William F., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,919,014; July 18.
- Eames, William F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 1,937,816; Dec. 5.
- Eames, William F., Edgewood, and W. R. Harding, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Motor control system. 1,909,047; May 16.
- Earl, Alfred R., Toledo, Ohio. Method and apparatus for utilizing the potential energy of circulating condensing water. 1,896,136; Feb. 7.
- Earl, Donald F., Melrose, Mass. Coin bank. 1,939,110; Dec. 12.
- Earl Electric Mfg. Company, The. (See Wadsworth, George E., assignor.)
- Earl, Elton E., Oneida, N. Y. Burial vault fastener. 1,941,165; Dec. 26.
- Earl, John L., assignor of one-fourth to Edwin Fest, San Antonio, Tex. Broken axle puller. 1,908,829; May 16.
- Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 1,899,023; Feb. 28.
- Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Machine for sharpening gear cutters. 1,908,476; May 9.
- Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Cutter testing apparatus. 1,911,442; May 30.
- Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 1,914,411; June 20.
- Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Apparatus for truing face mill cutters. 1,917,103; July 4.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Indicating device for fuses. 1,927,157; Sept. 19.
- Earle, Theodore, Denver, Colo. Milling machine. 1,903,444; Apr. 11.
- Earle, Theodore, Denver, Colo. Milling machine. 1,916,858; July 4.

- Earley, Charles A., Boston, assignor to The Cheney Company, Winchester, Mass. Sheet metal flashing. 1,928,589; Sept. 26.
- Earley, John Z., Miami, Fla. Electric sign. 1,917,956; July 11.
- Early, Mark C., assignor to The Powdered Malt Corporation, Lima, Ohio. Liquid desiccating apparatus. 1,915,819; June 27.
- Early, Rupert N., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Dynamo-electric machine. 1,899,797; Feb. 28.
- Early, Rupert N., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Dynamo-electric machine. 1,899,858; Feb. 28.
- Early, Rupert N., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Dynamo-electric machine. 1,899,859; Feb. 28.
- Early, Rupert N., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Dynamo-electric machine. 1,901,586; Mar. 14.
- Early, Rupert N., assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Electric motor starting system. 1,901,636; Mar. 14.
- Early, Thomas F., assignor to Horn & Hardart Baking Co., Philadelphia, Pa. Doorcheck for vending machines. 1,899,024; Feb. 28.
- Earnest, George J., assignor of ten per cent to J. E. Newnham, and forty per cent to D. R. Vandenberg, Klamath Falls, Oreg. Vehicle brake. 1,940,643; Dec. 19.
- Earnhardt, Everett G., Bloomsburg, Pa. Conductor supporting means. 1,916,100; June 27.
- Earnheart, Paul, De Soto, Kans., and C. W. Smith, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Tank wagon construction. 1,898,483; Feb. 21.
- Earnshaw, Charles H., Fisherville, Mass., assignor to The American Steel and Wire Company of New Jersey. Wire drawing machine. 1,915,722; June 27.
- Earnshaw, George F., assignor to Earnshaw Knitting Company, Newton, Mass. Sun suit. 1,905,451; Apr. 25.
- Earnshaw Knitting Company. (See Earnshaw, George F., assignor.)
- Earnshaw Knitting Company. (See Haga, Elizabeth A., assignor.)
- Earnshaw Knitting Company. (See Le Coney, Joseph H., assignor.)
- Earp-Thomas, George H., Glen Ridge, N. J. Conversion process for organic wastes. 1,938,647; Dec. 12.
- Eash, Ralph D. (See Fink, C. G., and Eash.)
- Easley, George M. (See Chandler, Hatchett, assignor.)
- Eastburg, Clifford L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Nut locking device. 1,915,088; June 20.
- Eastburn, Thomas B., Bywood, Upper Darby, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Nonclosable circuit breaker. 1,893,615; Jan. 10.
- Easter, Elmer W., Coraopolis, Pa. Power transmission. 1,926,269; Sept. 12.
- Easter, George C., assignor, by mesne assignments, to The Vulcan Steel Products Company, Baltimore, Md. Forming nut bar for the manufacture of grip nuts and apparatus for performing the same. 1,902,841; Mar. 28.
- Easter, James W., Baltimore, Md. Electrical clutch. 1,925,956; Sept. 5.
- Easterday, Homer, and E. L. Goodlow, assignors, by mesne assignments, to Point-O-Purchase Company, Kansas City, Mo. Sign. 1,931,577; Oct. 24.
- Eastern Cap Spraying Co. (See Bozarth, William H., assignor.)
- Eastern Cutter Salvage Corporation. (See Aker, Floyd J., assignor.)
- Eastern Machine Screw Corporation, The. (See Warren, Levi G., assignor.)
- Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
- Eastern Tool & Mfg. Co. (See Montan, Adolf, assignor.)
- Eastern Tool & Manufacturing Co. (See Peterson, Carl E., assignor.)
- Easterwood, Henry W., Nashville, Tenn., assignor to Victor Chemical Works. Reducing phosphates. 1,927,604; Sept. 19.
- Eastham, Melville, assignor to General Radio Company, Cambridge, Mass. Electric instrument. 1,901,343; Mar. 14.
- Easthope, George. (See Easthope, Percy W., and G.)
- Easthope, Percy W. and G., Vancouver, British Columbia, Canada. Vaporizing device for internal combustion engines. 1,936,229; Nov. 21.
- Eastlack, Joseph G., Pasadena, Calif. Butcher's tool rack for meat blocks. 1,894,258; Jan. 17.
- Eastley, Caroline G. (See Gueth, C. H., and Eastley.)
- Eastman, Eugene T., Saginaw, Mich. Support for electrical fixtures and the like. 1,927,515; Sept. 19.
- Eastman, Fred C. (See LaChapelle, F. N., and Eastman.)
- Eastman, Fred C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rest mechanism. 1,924,233; Aug. 29.
- Eastman, Harold L., assignor to Hartford-Empire Company, Hartford, Conn. Duplex control system. 1,921,385; Aug. 8.
- Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun head and reservoir construction. 1,899,798; Feb. 28.
- Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun piston and reservoir latch. 1,924,841; Aug. 29.
- Eastman, Ivan L., Bryan, assignor to The De Vilbiss Company, Toledo, Ohio. Speed-responsive control means. 1,925,484; Sept. 5.
- Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun reservoir construction. 1,933,371; Oct. 31.
- Eastman, Joseph P., Manitowoc, Wis. Hose clamp. Re18,840; May 23.
- Eastman, Joseph P., Manitowoc, Wis. Pressed-on hose coupling. 1,926,270; Sept. 12.
- Eastman Kodak Company. (See Allen, Charles E., assignor.)
- Eastman Kodak Company. (See Altman, F. E., and Tuttle, assignors.)
- Eastman Kodak Company. (See Becker, Reinhold S., assignor.)
- Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
- Eastman Kodak Company. (See Capstaff, John G., assignor.)
- Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
- Eastman Kodak Company. (See Case, Charles Z., assignor.)
- Eastman Kodak Company. (See Case, C. Z., and Ord, assignors.)
- Eastman Kodak Company. (See Christie, John, assignor.)
- Eastman Kodak Company. (See Clarke, H. T., and Othmer, assignors.)
- Eastman Kodak Company. (See Clarke, H. T., and Waring, assignors.)
- Eastman Kodak Company. (See Coors, Fritz, jr., assignor.)
- Eastman Kodak Company. (See Couch, Henry R., assignor.)
- Eastman Kodak Company. (See Crabtree, John I., assignor.)
- Eastman Kodak Company. (See Crabtree, J. I., and Ives, assignors.)
- Eastman Kodak Company. (See Crabtree, J. I., and Ross, assignors.)
- Eastman Kodak Company. (See Crouch, Harold W., assignor.)
- Eastman Kodak Company. (See Dewey, H. G., and Jones, assignors.)
- Eastman Kodak Company. (See Dundon, Merle L., assignor.)
- Eastman Kodak Company. (See Eberlin, Leon W., assignor.)
- Eastman Kodak Company. (See Eberlin, L. W., and Blanchard, assignors.)
- Eastman Kodak Company. (See Eberlin, L. W., and Schmitt, assignors.)
- Eastman Kodak Company. (See Figg, Louis J., jr., assignor.)
- Eastman Kodak Company. (See Frederick, C. W., and Eichelberger, assignors.)
- Eastman Kodak Company. (See Fritts, Edwin C., assignor.)
- Eastman Kodak Company. (See Fuerst, Carl C., assignor.)
- Eastman Kodak Company. (See Gillice, Freeman A., assignor.)
- Eastman Kodak Company. (See Gridley, George D., assignor.)
- Eastman Kodak Company. (See Hartman, William W., assignor.)
- Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)
- Eastman Kodak Company. (See Hickman, K. C. D., and Staib, jr., assignors.)
- Eastman Kodak Company. (See Hickman, K. C. D., and Weyerts, assignors.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Jelley, Edwin E.)
- Eastman Kodak Company. (See Jones, John G., assignor.)
- Eastman Kodak Company. (See Jones, L. A., and Tuttle, assignors.)
- Eastman Kodak Company. (See Kennedy, Dewey M., assignor.)
- Eastman Kodak Company. (See Kenyon, W. O., and Staud, assignors.)
- Eastman Kodak Company. (See Leavitt, Roger P., assignor.)
- Eastman Kodak Company. (See Lee, Maynard D., assignor.)
- Eastman Kodak Company. (See Lee, M. D., and Thomas, assignors.)
- Eastman Kodak Company. (See Lowry, Earl M., assignor.)
- Eastman Kodak Company. (See Malm, Carl J., assignor.)
- Eastman Kodak Company. (See Malm, C. J., and Andersen, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Coleman, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fletcher, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)

- Eastman Kodak Company. (See Malm, C. J., and Waring, assignors.)
- Eastman Kodak Company. (See McMaster, Donald, assignor.)
- Eastman Kodak Company. (See Mees, Charles E. K., assignor.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Mihalyi, J., and Teague, assignors.)
- Eastman Kodak Company. (See Miller, F. C., and Lyman, assignors.)
- Eastman Kodak Company. (See Murray, Alexander, assignor.)
- Eastman Kodak Company. (See Murray, T. F., jr., and Gray, assignors.)
- Eastman Kodak Company. (See Murray, T. F., jr., and Staud, assignors.)
- Eastman Kodak Company. (See Nagel, A., and Bouveng, assignors.)
- Eastman Kodak Company. (See Nelson, Homer J., assignor.)
- Eastman Kodak Company. (See Noble, James A., assignor.)
- Eastman Kodak Company. (See Noller, Carl R., assignor.)
- Eastman Kodak Company. (See Othmer, Donald F., assignor.)
- Eastman Kodak Company. (See Perrins, Newton M., assignor.)
- Eastman Kodak Company. (See Reid, Marvin J., assignor.)
- Eastman Kodak Company. (See Renard, Henri E., assignor.)
- Eastman Kodak Company. (See Riddell, William A., assignor.)
- Eastman Kodak Company. (See Seel, Paul C., assignor.)
- Eastman Kodak Company. (See Seymour, Merrill W., assignor.)
- Eastman Kodak Company. (See Shappard, Samuel S., assignor.)
- Eastman Kodak Company. (See Shappard, Samuel E., assignor.)
- Eastman Kodak Company. (See Sheppard, S. E., and Eberlin, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and McNally, assignors.)
- Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
- Eastman Kodak Company. (See Smith, Henry B., assignor.)
- Eastman Kodak Company. (See Smith, H. B., and Carroll, assignors.)
- Eastman Kodak Company. (See Smith, Kenneth S., assignor.)
- Eastman Kodak Company. (See Staud, C. J., and Fuess, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Kenyon, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Murray, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Smith, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Van Dyke, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Waring, assignors.)
- Eastman Kodak Company. (See Staud, C. J., and Weber, assignors.)
- Eastman Kodak Company. (See Stephens, Levi T., assignor.)
- Eastman Kodak Company. (See Stephenson, Paul A., assignor.)
- Eastman Kodak Company. (See Stewart, Donald H., assignor.)
- Eastman Kodak Company. (See Stone, Herbert G., assignor.)
- Eastman Kodak Company. (See Stuber, A., and Riddell, assignors.)
- Eastman Kodak Company. (See Sulzer, Albert F., assignor.)
- Eastman Kodak Company. (See Taylor, Ernest R., assignor.)
- Eastman Kodak Company. (See Taylor, E. R., and Smith, assignors.)
- Eastman Kodak Company. (See Teague, Walter D., assignor.)
- Eastman Kodak Company. (See Titus, Robert N., assignor.)
- Eastman Kodak Company. (See Tucker, Milton F., assignor.)
- Eastman Kodak Company. (See Tuttle, C. M., and F. E., assignors.)
- Eastman Kodak Company. (See Tuttle, C. M., and McFarlane and White, assignors.)
- Eastman Kodak Company. (See Tuttle, C. M., and Young, jr., assignors.)
- Eastman Kodak Company. (See Tuttle, Fordyce, assignor.)
- Eastman Kodak Company. (See Tuttle, F. E., and Altman, assignors.)
- Eastman Kodak Company. (See Twyman, Frank, assignor.)
- Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
- Eastman Kodak Company. (See Von Bramer, H., and Zabriskie, assignors.)
- Eastman Kodak Company. (See Webber, C. S., and Staud, assignors.)
- Eastman Kodak Company. (See Wellman, Howard C., assignor.)
- Eastman Kodak Company. (See Wellman, H. C., and Green, assignors.)
- Eastman Kodak Company. (See Weyerts, W. J., and Hickman, assignors.)
- Eastman Kodak Company. (See White, J. C., and Stone, assignors.)
- Eastman Kodak Company. (See Wittel, Otto, assignor.)
- Eastman, Leonard E., assignor to American Bosch Magneto Corporation, Springfield, Mass. Switching mechanism. 1,913,586; June 13.
- Eastman Machine Company et al. (See Clark, Frederick J., assignor.)
- Eastman Machine Company, et al. (See Meyer, H. A. and Bloch, assignors.)
- Eastman Mfg. Co. (See Barrett, James H., assignor.)
- Eastman, Robert L. (See Goddy, A. L., and Eastman.)
- Easton and Burnham Machine Company. (See Easton, Herbert E., assignor.)
- Easton and Burnham Machine Company. (See Kelley, Francis E., assignor.)
- Easton, Herbert E., Providence, R. I., assignor to Easton and Burnham Machine Company. Warp beam winding machine. 1,911,944; May 30.
- Easton, Lucian F., La Crosse, Wis. Vacuum heating system. 1,906,556; May 2.
- Easton, Roland D. (See Troland, L. T., and Eaton.)
- Eastwood, Clarence J., Forest Grove, Oreg. Display rack. 1,913,921; June 13.
- Eastwood, Harold B., assignor to Hartford-Empire Company, Hartford, Conn. Electric heating unit. 1,937,319; Nov. 28.
- Eastwood-Nealley Corporation. (See Webb, Nelson, assignor.)
- Eastwood Wire Corporation. (See Webb, Nelson W., assignor.)
- Easy Washing Machine Corporation. (See Geldhof, Peter B., assignor.)
- Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
- Easy Washing Machine Corporation. (See Ringer, Luther, assignor.)
- Eaton, A. M., Paper Company. (See Eaton, Carleton G., assignor.)
- Eaton, Carleton G., Waltham, assignor to A. M. Eaton Paper Company, Boston, Mass. Paper bag. 1,914,113; June 13.
- Eaton, Charles F., West Newbury, assignor to North American Chemical Company, Cambridge, Mass. Shoe filling machine. 1,927,279; Sept. 19.
- Eaton, Frederick N., Pasadena, Calif. Revolving sign and the like. 1,928,333; Sept. 26.
- Eaton, George. (See Beal, Fay, assignor.)
- Eaton, George, Cleveland, Ohio, assignor to May C. Eaton. Electric plug. 1,905,452; Apr. 25.
- Eaton, George M., Pittsburgh, Pa., assignor to The National Supply Company, Toledo, Ohio. Sucker rod. 1,907,522; May 9.
- Eaton, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hyperbolic thread. 1,909,489; May 16.
- Eaton, George M., Ben Avon, Pa. Nitrided spring. 1,914,083; June 13.
- Eaton, George M., Ben Avon, assignor to Spang, Chalfant & Co., Inc., Pittsburgh, Pa. Flexible mandrel. 1,937,644; Dec. 5.
- Eaton, George M., Ben Avon, and H. J. Burnish, Sewickley, assignors to Spang, Chalfant & Co., Inc., Pittsburgh, Pa. Pipe joint. 1,927,656; Sept. 19.
- Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone switchboard. 1,927,514; Sept. 19.
- Eaton, George R., Oak Park, and G. Kiner, assignors to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone system. 1,899,084; Feb. 28.
- Eaton, Gerald, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound reproducing machine. 1,908,738; May 16.
- Eaton, Harrison H., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Armature insulation. 1,913,333; June 6.
- Eaton, Harrison H., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Coil forming machine. 1,941,166; Dec. 26.
- Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Oil burner control. 1,899,563; Feb. 28.
- Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Elevator system. 1,910,204; May 23.
- Eaton, John P., Des Plaines, Ill. Table tennis golf board. Des. 89,879; May 16.
- Eaton, Leslie B., Los Angeles, assignor, by mesne assignments, to Kalite Company, Limited, Pasadena, Calif. Acoustic plaster. 1,906,123; Apr. 25.
- Eaton, Leslie B., Los Angeles, assignor to Kalite Company, Limited, Pasadena, Calif. Acoustical plaster. 1,937,011; Nov. 28.
- Eaton Manufacturing Co. (See Carlson, Gustav W., assignor.)
- Eaton Manufacturing Company. (See Cipullo, Anthony H., assignor.)

- Eaton Manufacturing Company. (See Cowlin, Eugene D., assignor.)
- Eaton Manufacturing Company. (See Crary, Cecil R., assignor.)
- Eaton Manufacturing Company. (See Howe, James M., assignor.)
- Eaton Manufacturing Company. (See Monteith, John C., assignor.)
- Eaton Manufacturing Company. (See Reid, James S., assignor.)
- Eaton Manufacturing Company. (See Snell, Lyle K., assignor.)
- Eaton Manufacturing Company. (See Veale, George W., assignor.)
- Eaton Manufacturing Company. (See Wallace, W. H., Morrison, and Bieber, assignors.)
- Eaton, May C. (See Eaton, George, assignor.)
- Eaton, Milton, Shawinigan Falls, Quebec, Canada. Apparatus for regulating electric steam generators. 1,902,842; Mar. 28.
- Eaton, Paul B., et al. (See Bradshaw, Frank F., assignor.)
- Eaton, Paul B. (See McGee, Kay C., assignor.)
- Eaton, Paul B., Charlotte, N. C. Needle for repairing runs in knitted goods. 1,926,271; Sept. 12.
- Eaton Radio Instrument Corporation. (See Eaton, Warren S., assignor.)
- Eaton, Reginald O., Erie, and E. Vars, Lawrence Park, Pa., assignors to General Electric Company. Winding machine. 1,933,320; Oct. 31.
- Eaton, Richard M., assignor to Niagara Searchlight Co. Inc., Niagara Falls, N. Y. Electric lighting device. 1,908,330; May 9.
- Eaton, Richard M., assignor to Niagara Searchlight Company, Inc., Niagara Falls, N. Y. Portable electric illuminating device. 1,914,970; June 20.
- Eaton, Richard M., assignor to Niagara Searchlight Co. Inc., Niagara Falls, N. Y. Electric illuminating device. 1,932,102; Oct. 24.
- Eaton, T. Company, The. (See Ireland, Lawrence, assignor.)
- Eaton, Warren S., assignor by mesne assignments, to Eaton Radio Instrument Corporation, Los Angeles, Calif. Radio controlled guide means and method for use in aircraft landing. 1,926,616; Sept. 12.
- Eaton, Wilfred A., and S. Vorech, assignors to Bendix-Westinghouse Automotive Air-Brake Company, Pittsburgh, Pa. Steering mechanism. 1,938,745; Dec. 12.
- Eaton, William S., Sag Harbor, N. Y., assignor of one-half to W. W. Burns, Washington, D. C. Electrodepositing chromium. 1,917,188; July 4.
- Eau de Cologne de Parfümerie-Fabrik "Glockengasse No. 4711" Gegenüber der Pferdepst von Ferd. Mühleus. (See Kahn, Leopold, assignor.)
- Eaves, Elmer, Batesville, Miss. Barber mug. 1,901,738; Mar. 14.
- Ebaugh, Frank W., Port Arthur, Tex., assignor to The Texas Company New York, N. Y. Mixing device. 1,906,951; May 2.
- Ebaugh, Irvin A. (See Hitch, A. R., and Ebaugh.)
- Ebberts, Alfred R., assignor to Colprock Roads, Inc., New York, N. Y. Bituminous materials and making same. 1,937,749; Dec. 5.
- Ebbets, George D. (See Kerr, H. J., and Ebbets.)
- Ebbw Vale Steel Iron & Coal Company Limited. (See Harvey, Arthur H., assignor.)
- Ebco Machine Corporation. (See Grupe, William F., assignor.)
- Ebe, S. Ray. (See Crowell, R. B., and Ebe.)
- Ebeling, Charles W., assignor to General Talking Pictures Corporation, New York, N. Y. Exciter lamp mounting for sound-on-film reproducers. 1,895,455; Jan. 31.
- Ebe, George L., New York, N. Y. Adjustable latch or closure device. 1,920,976; Aug. 8.
- Eber, George L. and J. Bronx, N. Y. Adjustable latch or closure device. 1,920,975; Aug. 8.
- Eber, Jacob. (See Eber, George L. and J.)
- Eberhard, Boyd C. assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Resilient container and sealing it. 1,918,524; July 18.
- Eberhard Faber Pencil Co. (See Brockman, Arthur, assignor.)
- Eberhard Manufacturing Company, The. (See Hennicke, Carl R., assignor.)
- Eberhard, Robert G., assignor to The Book and Quill Lending Library and Bookshop, Incorporated, New Haven, Conn. Toby or similar article. Des. 91,059; Nov. 21.
- Eberhard, Rudolf, Munich, Germany. Making coating materials for deoxidation of rust. 1,893,495; Jan. 10.
- Eberhard, Rudolf, Munich, Germany. Preparation of humous colloids. 1,914,824; June 20.
- Eberlein, John B. (See Biebtreu, H., and Eberlein.)
- Eberlein, John B., and G. R. Steere, Detroit, Mich., assignors by mesne assignments, to Smet-Solvay Engineering Corporation, New York, N. Y. Gas manufacture. 1,900,958; Mar. 14.
- Eberlin, Leon W. (See Sheppard, S. E., and Eberlin.)
- Eberlin, Leon W., Rochester, N. Y., and L. W. Blanchard, jr., Stoneham, Mass., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate lacquer containing chlorinated rosin. 1,899,186; Feb. 28.
- Eberlin, Leon W., assignor to Eastman Kodak Company, Rochester, N. Y. Dyeing oxidized aluminum. 1,929,486; Oct. 10.
- Eberlin, Leon W., and J. J. Schmitt, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition of matter containing a benzyl ether of a hydroxybenzene. 1,933,794; Nov. 7.
- Eberling, Charles M., Cleveland, Ohio. Machine for molding and pressing bricks or blocks. 1,922,474; Aug. 15.
- Ebert, Charles, Leonia, N. J., assignor to International Patents Development Company, Wilmington, Del. Making corn sugar. 1,936,157; Nov. 21.
- Ebert, Edward C., South Brownsville, Pa. Shoulder rest for stringed musical instruments. 1,920,850; Aug. 1.
- Ebert, Georg, F. A. Fries, and P. Garbsch, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polymerization products of diolefines. 1,921,867; Aug. 8.
- Ebert, Harvey G., Cranston, R. I. Carburetor. 1,937,012; Nov. 28.
- Ebert, Ludwig, assignor of one-half to Oberly & Newell, 545 Pearl St., Corp., New York, N. Y. Display stand. 1,934,846; Nov. 14.
- Ebie, Elwood. (See Richter, G. A., and Ebie, assignors.)
- Ebinger, D. A., Sanitary Mfg. Company, The. (See Ebinger, David H., assignor.)
- Ebinger, David H., assignor to The D. A. Ebinger Sanitary Mfg. Company, Columbus, Ohio. Liquid cooling apparatus. 1,912,572; June 6.
- Ebinger, David H., assignor to The D. A. Ebinger Sanitary Mfg. Co., Columbus, Ohio. Water-mixing valve. 1,930,590; Oct. 17.
- Ebling, Walter F., New York, N. Y. Sheet material. Des. 90,754; Sept. 26.
- Ebner, Alfred J., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace. 1,924,842; Aug. 29.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Fluid stop joint for sheathed high tension cables. 1,896,841; Feb. 7.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Indicator for reservoirs for liquid filled cables. 1,904,423; Apr. 18.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Joint for high tension underground cables. 1,905,691; Apr. 25.
- Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. Fluid filled high tension terminals. 1,919,935; July 25.
- Eby, Hugh H. (See Benjamin, Reuben B., assignor.)
- Eby, Hugh H. (See DaCosta, Robert C., assignor.)
- Eby, Hugh H. (See Lodge, Edmund C., assignor.)
- Eby, Hugh H. (See MacFadden, Wilford C., assignor.)
- Eby, Ivan D., Richmond, N. Y. Soot blower. 1,930,515; Oct. 17.
- Eccardt, William, Overland, Mo. Dispensing receptacle for paper bags. 1,918,460; July 18.
- Eccles, William E., Bristol, assignor to National Engineering Corporation, Terryville, Conn. Electrical connection. 1,914,010; June 13.
- Eccles, William E., Bristol, assignor to National Engineering Corporation, Terryville, Conn. Electrical fitting. 1,914,011; June 13.
- Echola, Arnold H. (See Echola, Heino J., assignor.)
- Echola, Heino J., assignor to Arnold H. Echola, Detroit, Mich. Vapor fire extinguisher for fire apparatus. 1,914,245; June 13.
- Echols, James E., and P. G. Stultz, Roanoke, Va., assignors to The Symington Company, New York, N. Y. Draft rigging. 1,933,666; Nov. 7.
- Echols, Joseph. (See Williams, J. C., Williamson, Echols, Hunt, and Vreeland.)
- Eck, Guy E. W., and A. F. Loeffler, assignors to Wisconsin Aluminum Foundry Company, Manitowoc, Wis. Pressure cooker clamp. 1,941,294; Dec. 26.
- Eck, Knut E. (See McGregory, H. H., and Eck.)
- Eck, Oscar W. (See Benick, W. M., and Eck.)
- Eck, Warren C., Topton, Pa. Egg beater. 1,915,017; June 20.
- Eckard, Albert C., Superior, Wis. Bottle and cap therefor. 1,930,162; Oct. 10.
- Eckart, George F., Chicago, Ill. Clothes hanger. Des. 90,977; Nov. 7.
- Eckberg, Charles A., assignor to Lakeshire Cheese Company, Plymouth, Wis. Cheese processing machine. 1,923,358; Aug. 22.
- Eckberg, Swan P., Ames, Iowa. Power propelled mower. 1,922,284; Aug. 15.
- Eckblom, Albert W., St. Paul, Minn. Advertising sign. Des. 88,863; Jan. 3.
- Eckel, Clarence N. (See Frick, E. H., and Eckel.)
- Eckelberg, Fred W., et al. (See Laub, John G., assignor.)
- Eckenrode, Roy R., and L. R. Bogardus, assignors to Square D Company, Detroit, Mich. Panel board. 1,918,525; July 18.
- Ecker, Will J., jr., St. Louis, Mo. Card holder. 1,903,098; Mar. 28.
- Eckerhom, Gustaf, assignor to Stockholms Benmjölsfabriks Aktiebolag, Sandvik, Stockholm, Sweden. Dividing substances in liquid state into drops. 1,938,219; Dec. 5.
- Eckersley, Thomas L., Weathercock, Danbury, England, assignor to Radio Corporation of America. Radio direction finder. 1,909,937; May 23.
- Eckersley, Thomas L., Weathercock, Danbury, England, assignor to Radio Corporation of America. Direction finder. 1,938,624; Dec. 12.

- Eckerson, Frank E., Pittsfield, Mass. Burglar trap. 1,921,967; Aug. 8.
- Eckert, Adolph E., assignor to The Russ Manufacturing Company, Cleveland, Ohio. Refrigerating cabinet. 1,909,818; May 16.
- Eckert, Clarence R., Englewood, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Apparatus for making variegated strip shingles. 1,927,820; Sept. 26.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Producing thick butt shingles with sealed edges. 1,927,824; Sept. 26.
- Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Ventilated roof and similar structure. 1,931,066; Oct. 17.
- Eckert, Fritz, Berlin, Germany, assignor of one-fourth to W. A. Morton and one-fourth to P. L. Geer, Pittsburgh, Pa. Producing homogeneous glass in tanks. 1,898,039; Feb. 21.
- Eckert, Paul, Cologne, assignor to Eckert & Ziegler G. m. b. H., Cologne-Braunsfeld, Germany. Extrusion molding press. 1,922,937; Aug. 15.
- Eckert, Wilhelm. (See Greune, H., and Eckert.)
- Eckert, Wilhelm. (See Greune, H., Eckert, Sieber, and Langbein.)
- Eckert, Wilhelm, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuff derived from 1-8-naphthalic acid anhydride. 1,918,461; July 18.
- Eckert, Wilhelm, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the 1,4,5,8-naphthylene-diaryl-imidazol series and preparing them. 1,928,719; Oct. 3.
- Eckert, Wilhelm, and O. Braunsdorf, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Naphthylene-aryl-imidazol-peri-dicarboxylic acid, preparing it and intermediate product obtained during this process. 1,910,465; May 23.
- Eckert, Wilhelm, H. Sieber, and H. Greune, Frankfort-on-the-Main-Hochst, and Gerhard Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Cyclic ketones of the acenaphthene series and process of preparing them. 1,913,793; June 13.
- Eckert, Wilhelm, and O. Braunsdorf, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Mono-molecular condensation product of 1,4,5,8-naphthalene-tetracarboxylic acid and preparing it. 1,924,090; Aug. 29.
- Eckert, Wilhelm, and H. Sieber, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenation product of acenaphthindion-diketimides and preparing it. 1,927,114; Sept. 19.
- Eckert, Wilhelm, and H. Sieber, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Separation of vat dyestuff isomers of the naphthylene diarylimidazole series and the product obtainable thereby. 1,927,928; Sept. 26.
- Eckert, Wilhelm, and O. Braunsdorf, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs and preparing them. 1,935,945; Nov. 21.
- Eckert & Ziegler G. m. b. H. (See Eckert, Paul, assignor.)
- Eckland Bros. Company. (See Eckland, P. S., and Ryden, assignors.)
- Eckland, Peter S., and G. Ryden, assignors to Eckland Bros. Company, Minneapolis, Minn. Brake for driven and steered wheels. 1,899,187; Feb. 28.
- Eckles, John W., San Antonio, Tex. Pipe pusher. 1,916,466; July 4.
- Ecklund, Charles. (See Lucarelle, J. M., and Ecklund.)
- Eckmann, Charles H., Detroit, Mich. Cigar vending machine. 1,896,137; Feb. 7.
- Eckstein, George R., assignor to Visco Meter Corporation, Buffalo, N. Y. Device for indicating presence of foreign matter in a lubricant. 1,913,436; June 13.
- Eckstein, Reuben, New York, N. Y. Electric current tapping device. 1,901,537; Mar. 14.
- Eckstein, Reuben, New York, N. Y. Battery. 1,901,588; Mar. 14.
- Eckstein, Reuben, New York, N. Y. Receptacle cap plug. 1,914,944; June 20.
- Eckstein, Reuben, Bronx, and M. Polls, Brooklyn, N. Y. Electrical outlet socket. 1,911,612; May 30.
- Eclipse Air Company. (See Downs, Austin H., assignor.)
- Eclipse Aviation Corporation. (See Allen, Joseph W., assignor.)
- Eclipse Aviation Corporation. (See Chilton, Roland, assignor.)
- Eclipse Aviation Corporation. (See Draver, Emil R., assignor.)
- Eclipse Aviation Corporation. (See Gregg, David, assignor.)
- Eclipse Aviation Corporation. (See Haas, Harold, assignor.)
- Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
- Eclipse Aviation Corporation. (See Hyland, Lawrence A., assignor.)
- Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
- Eclipse Aviation Corporation. (See Lansing, R. P., and Nardone, assignors.)
- Eclipse Aviation Corporation. (See McGrath, W. L., and Gregg, assignors.)
- Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)
- Eclipse Aviation Corporation. (See Mock, Frank C., assignor.)
- Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
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- Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)
- Eclipse Aviation Corporation. (See Smith, Bascom, assignor.)
- Eclipse Aviation Corporation. (See Stein, Fred A., assignor.)
- Eclipse Aviation Corporation. (See Waseige, Charles R., assignor.)
- Eclipse Machine Company. (See Chilton, Roland, assignor.)
- Eclipse Machine Company. (See Christian, Frank T., assignor.)
- Eclipse Machine Company. (See Kearney, Daniel P., assignor.)
- Eclipse Machine Company. (See Lansing, Raymond P., assignor.)
- Eclipse Machine Company. (See Marcus, Charles, assignor.)
- Eclipse Machine Company. (See Maurer, Paul, assignor.)
- Eclipse Machine Company. (See Maurer, Paul H., assignor.)
- Eclipse Machine Company. (See McGrath, William L., assignor.)
- Eclipse Machine Company. (See McNeil, Charles I., assignor.)
- Eclipse Machine Company. (See Nardone, Romeo M., assignor.)
- Eclipse Machine Company. (See Sekella, Youston, assignor.)
- Eclipse Machine Company. (See Slayton, Robert E., assignor.)
- Eclipse Machine Company. (See Wertz, Daniel L., assignor.)
- Eclipse Machine Company. (See Whitney, Maurice P., assignor.)
- Eclipse Petrol Economiser System Company, The. (See Godward, Ernest R., assignor.)
- Eclipse Textile Devices, Inc. (See Fassett, George R., assignor.)
- Eclipse Textile Devices, Inc. (See Gere, Ward N., assignor.)
- Eclipse Textile Devices, Inc. (See Hasbrouck, Louis B., assignor.)
- Ecoff, Vance. (See Norviel, H. E., and Ecoff.)
- Economic Laboratory, Inc. (See Grant, U. S., and Lane, assignors.)
- Economic Machinery Company. (See Fenner, James O., assignor.)
- Economic Machinery Company. (See Holm, Carl, assignor.)
- Economic Winding Company Limited, The. (See Green, George H., assignor.)
- Economics Laboratory, Inc. (See Lane, Thomas D., assignor.)
- Economy Baler Company. (See Barrows, A. C., and Mickle, assignors.)
- Economy Baler Company. (See Langford, G. W., and Barrows, assignors.)
- Economy Electric Ad Corporation. (See Pistocco, Vendope L., assignor.)
- Economy Electric Devices Co. (See Lake, Jarrett T., assignor.)
- Economy Electric Lantern Company. (See Helmholtz, Karl J., assignor.)
- Economy Fuse and Manufacturing Company. (See Cherry, Oscar A., assignor.)
- Economy Fuse and Manufacturing Company. (See Cherry, O. A., and Kurath, assignors.)
- Economy Fuse and Manufacturing Company. (See Dearling, Melville C., assignor.)
- Economy Fuse and Manufacturing Co. (See Herbst, Clarence A., assignor.)
- Economy Fuse and Manufacturing Co. (See Kurath, Franz, assignor.)
- Economy Products Company. (See Patton, William J., assignor.)
- Economy Rock Bit Corporation. (See Rea, Walter C., assignor.)
- Eddington, William R., Springville, Utah, assignor to California Packing Corporation, San Francisco, Calif. Standardizing peas. 1,914,686; June 20.
- Eddins, Sextus A., Quincy, Mass., assignor, by mesne assignments, to O. A. Miller Treeing Machine Company, Portland, Ore. Shoe tree. 1,897,114; Feb. 14.
- Eddins, Sextus A., Wollaston, Mass., assignor to O. A. Miller Treeing Machine Company, Portland, Maine. Shoe-tree package. 1,926,272; Sept. 12.
- Eddleman, J. E. (See Reynolds, Walter C., assignor.)
- Eddy, E. B., Company. (See Saunders, Alec L., assignor.)
- Eddy, George G., Manistee, Mich. Planing boat. 1,935,622; Nov. 21.

- Eddy, William, Springfield, Ohio. Automobile signal. 1,894,484; Jan. 17.
- Ede, George A., Cobden, Ill. Measuring device. 1,900,231; Mar. 7.
- Edeleanu Gesellschaft m. b. H. (See Cattaneo, Gleusseppe, assignor.)
- Edeleanu Gesellschaft m. beschränkter Haftung. (See Jodeck, Paul, assignor.)
- "Edeleanu" Gesellschaft m. beschränkter Haftung. (See Rosenberg, Ignaz, assignor.)
- Edeleanu Gesellschaft, m. b. H. (See Saegebarth, Erich, assignor.)
- Edelman, Philip E., assignor to Ephraim Banning, Chicago, Ill. Polarized conductive couple suitable for use as a rectifier, etc. 1,918,526; July 18.
- Edelman, Philip E., assignor, by mesne assignments, to R. T. Mack, trustee, Chicago, Ill. Vacuum tube amplifier system. 1,927,628; Sept. 19.
- Edelman, Philip E., assignor, by mesne assignments, to R. T. Mack, trustee, Chicago, Ill. Screen grid vacuum tube. 1,927,629; Sept. 19.
- Edelman, Philip E., New York, N. Y., assignor, by mesne assignments, to R. E. Mack, trustee, Chicago, Ill. Vacuum tube. 1,927,631; Sept. 19.
- Edelmann, E., & Co. (See Edelmann, Leo, assignor.)
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Syringe thermohydrometer. 1,923,192; Aug. 22.
- Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Glass barrel for hydrometers. 1,924,917; Aug. 29.
- Eden, Christopher G., Croxley Green, and C. J. Smithells, Bushey, assignors to The M-O Valve Company Limited, London, England. Manufacture of electric discharge vessels. 1,914,634; June 20.
- Eden, James A., Jr., Springfield, Mass., assignor to Russell, Burdall & Ward Bolt and Nut Company. Making nut blank. 1,929,164; Oct. 3.
- Edenburgh, Louis, New York, N. Y. Electrical condenser. 1,924,711; Aug. 29.
- Edensword, Alice S., Santa Barbara, Calif. Invalid's chair. 1,923,617; Aug. 22.
- Ederer, Lothar A., assignor to R. J. Ederer Co., Chicago, Ill. Bead stringer. 1,893,538; Jan. 10.
- Ederer, Lothar A., assignor to Tempomotor Company, Chicago, Ill. Transmitting and recording apparatus and process. 1,910,887; May 23.
- Ederer, R. J., Co. (See Ederer, Lothar A., assignor.)
- Ederle, Gertrude C., New York, N. Y., and C. W. Kelsey, Short Hills, N. J., assignors to Laminated Shim Co., Inc., Long Island City, N. Y. Aquatic device. 1,911,129; May 23.
- Edgar, Alfred D., Presque Isle, Maine; dedicated to the free use of the Government and the People of the United States. Fruit and vegetable assorting apparatus. 1,923,713; Aug. 22.
- Edgar, Grant E. (See Simpson, R. C., and Edgar.)
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Making spline couplings. 1,905,278; Apr. 25.
- Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Rotary cutter. 1,928,646; Oct. 3.
- Edgar, Louis C., Swissvale, Pa. Apparatus for treating ingots. 1,916,042; June 27.
- Edge, Jacob. (See Standley, A. H., Edge, and Street.)
- Edge, Jacob, Downingtown, Pa. Board making machine. 1,927,361; Sept. 19.
- Edge, Jacob, Downingtown, Pa., assignor, by mesne assignments, to United States Gypsum Company, Wilmington, Del. Making plastic material. 1,901,024; Mar. 14.
- Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Press construction for paper machine. 1,913,269; June 6.
- Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Fibre-board and producing same. 1,927,359; Sept. 19.
- Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Board machine. 1,927,360; Sept. 19.
- Edge Moor Iron Company. (See Falla, Fernando, assignor.)
- Edge, Walter S., assignor to National Steel Fabric Company, Pittsburgh, Pa. Construction of concrete pavements. 1,916,563; July 4.
- Edge, Walter S., assignor, by mesne assignments, to Pittsburgh Steel Company, Pittsburgh, Pa. Road joint and making same. 1,926,516; Sept. 12.
- Edge, Walter S., Westfield, N. J., assignor, by mesne assignments, to Pittsburgh Steel Company, Pittsburgh, Pa. Road finishing machine. 1,939,341; Dec. 12.
- Edgemont Machine Company, The. (See Anglemyer, Carl M., assignor.)
- Edgewater Steel Company. (See Bell, Frank B., assignor.)
- Edgewater Steel Company. (See Endsley, Louis E., assignor.)
- Edgill, Frederick A., assignor to Rayner Decalcomania Company, Chicago, Ill. Decalcomania transfer. 1,900,048; Mar. 7.
- Edgin, James E., Charlotte, Tenn. Knockdown hoghead. 1,895,428; Jan. 24.
- Edgington, Avington A., Omaha, Nebr. Instrument for treating infection of the pharynx and eustachian tubes and lateral fissures of the pharynx. 1,931,720; Oct. 24.
- Edison Cement Corporation. (See Cloos, Wilmot D., assignor.)
- Edison Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
- Edison General Electric Appliances Company. (See Randolph, Charles P., assignor.)
- Edison Splitdorf Corporation. (See Brogger, Ivar W., assignor.)
- Edison, Theodore M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound-reproducing machine. 1,910,529; May 23.
- Edison, Theodore M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical sound reproducing apparatus. 1,927,158; Sept. 19.
- Ediston, Thomas A., Jr., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Cooking utensil or like article. Des. 90,362; July 25.
- Edison, Thomas A., Jr., East Orange, and H. S. Carlson, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Toaster or like article. Des. 89,255; Feb. 14.
- Edison, Thomas A., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Holder for article to be electroplated. 1,908,830; May 16.
- Edison, Thomas A., Incorporated. (See Dunham, Le Roy S., assignor.)
- Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
- Edison, Thomas A., Incorporated. (See Durand, Nelson C., assignor.)
- Edison, Thomas A., Incorporated. (See Eaton, Gerald, assignor.)
- Edison, Thomas A., Incorporated. (See Edison, Theodore M., assignor.)
- Edison, Thomas A., Incorporated. (See Edison, Thomas A., assignor.)
- Edison, Thomas A., Incorporated. (See Edison, T. A., Jr., and Carlson, assignors.)
- Edison, Thomas A., Incorporated. (See Fox, Frederick L., assignor.)
- Edison, Thomas A., Incorporated. (See Fridell, Willis S., assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, C., and Gramann, assignors.)
- Edison, Thomas A., Incorporated. (See Johnson, Claude T., assignor.)
- Edison, Thomas A., Incorporated. (See Langley, Sam G., assignor.)
- Edison, Thomas A., Incorporated. (See Matzner, Hyman, assignor.)
- Edison, Thomas A., Incorporated. (See Schallis, Charles A., assignor.)
- Edison, Thomas A., Incorporated. (See Smith, B. M., Langley, and Braun, assignors.)
- Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
- Edison, William L. (See Emerson, V. F., and Edison.)
- Edland, Ingval, Monitor, Ore. Feed mixer. Re18,768; Mar. 14.
- Edlund, Daniel L., Cambridge, Mass., assignor to Ludlum Steel Co., Watervliet, N. Y. Alloy steel. 1,919,211; July 25.
- Edlund, Henry J., Burlington, Vt. Device for removing screw tops. 1,894,556; Jan. 17.
- Edlund, Henry J., Burlington, Vt. Container opener. 1,934,594; Nov. 7.
- Edman, John, assignor of one-half to G. F. Seashore, Minneapolis, Minn. Variable pitch propeller. 1,908,893; May 16.
- Edman, Martin W., Oxford, Mich. Disintegrating machine. 1,921,914; Aug. 8.
- Edman, Werner W., Lakewood, Ohio. Method and apparatus for making piles. 1,935,903; Nov. 21.
- Edminton, Hugh C. (See Goddard, John V., assignor.)
- Edmiston, Landauer P. (See Zeier, Frederick F., and Edmiston.)
- Edmonds, William J., and O. H. Dawson, Baytown, Tex., assignor to Standard Oil Development Company. Removal of hydrogen sulphide from gas mixtures and for the recovery of elemental sulphur. 1,904,424; Apr. 18.
- Edmondson, Ralph S., Elizabeth, and M. Holmes, Hillside, N. J., assignors to American Abrasive Metals Company. Casting abrasive-faced articles. 1,893,539; Jan. 10.
- Edmondson, Ralph S., Elizabeth, and M. Holmes, Hillside, N. J., assignors to American Abrasive Metals Company. Casting abrasive faced articles. 1,893,540; Jan. 10.
- Edmonson, Richard Q. (See McLean, G. J., and Edmonson.)
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Rail brake and disposition thereof. 1,915,412; June 27.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car brake mechanism. 1,916,784; July 4.
- Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car brake mechanism. 1,916,785; July 4.
- Edmunds, Howard M., New York, N. Y., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Shaft coupling. 1,915,654; June 27.
- Edna Brass Manufacturing Company, The. (See Corey, Elmer O., assignor.)
- Edo Aircraft Corporation. (See Korin-Kroukovsky, Boris V., assignor.)

- Edsall, William S., Brookline, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Circuit interruption. 1,902,357; Mar. 21.
- Edsall, William S., Brookline, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electrical generating and distribution system and apparatus therefor. 1,920,683; Aug. 1.
- Edsall, William S., Brookline, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch and arc extinguishing apparatus. 1,940,120; Dec. 19.
- Edson, Frank H., assignor to Standard Oil Development Company, Westfield, N. J. Hydrocarbon cracking process. 1,934,049; Nov. 7.
- Edvar, Torsten F. A. (See Trent, H. E., and Edvar.)
- Edward, Harry P., Portland, Oreg. Concealed cabinet. 1,908,831; May 16.
- Edward, James H., et al. (See Dare, Samuel T., assignor.)
- Edwards, Arthur O., Minneapolis, Minn. Circular swing. 1,927,682; Sept. 19.
- Edwards, Charles, Cedar Grove, W. Va. Device for controlling the flow of gas in gas lines. 1,940,346; Dec. 19.
- Edwards, Charles K., assignor to Morris Commercial Cars Limited, Birmingham, England. Internal combustion engine. 1,895,981; Jan. 31.
- Edwards, Charles R., Houston, Tex. Well cleaning apparatus. 1,927,810; Sept. 19.
- Edwards, Charles R., and O. Codier, Houston, Tex. Method and apparatus for cementing. 1,934,701; Nov. 14.
- Edwards, Clarence T., Cradock, Va., assignor to The Texas Company, New York, N. Y. Tank gauge. 1,933,522; Oct. 31.
- Edwards and Company. (See Edwards, Robert S., assignor.)
- Edwards and Company. (See Miller, Christian, assignor.)
- Edwards & Deutsch Lithographing Company. (See Fairbanks, Clarence T., assignor.)
- Edwards, Donald V., New York, N. Y. Exciter lamp for photo-electric cells. 1,924,058; Aug. 22.
- Edwards, Donald V., New York, N. Y., and E. K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware. Rectifier. 1,905,692; Apr. 25.
- Edwards, Donald V., East Orange, N. J., assignor to Electrons, Inc. of Delaware. Voltage regulator for electric generators. 1,941,076; Dec. 26.
- Edwards, Edward, and K. W. Sommer, assignors to Sommer and Maca Glass Machinery Corporation, Chicago, Ill. Glass-grinding machine. 1,929,810; Oct. 10.
- Edwards, Edward R. (See Edwards, Harry E., assignor.)
- Edwards, Ellis J., Scranton, Pa. Bobbin spindle lock. 1,895,707; Jan. 31.
- Edwards, Emery D., assignor to Sanicut Manufacturing Co., Bremerton, Wash. Cake holder. 1,939,342; Dec. 12.
- Edwards, Evan E., New Kensington, Pa. Light signal. 1,919,276; July 25.
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Lubricating apparatus. 1,897,503; Feb. 14.
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Lubrication assembly. 1,904,295; Apr. 18.
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Lubrication assembly for locomotives. 1,917,191; July 4.
- Edwards, Frank W., assignor to The Ohio Injector Company of Illinois, Chicago, Ill. Lubricating apparatus and assembly. 1,925,796; Sept. 5.
- Edwards, Frank W., Chicago, Ill., and N. M. Barker, Lakewood, Ohio, assignors, by mesne assignments, to The Ohio Injector Company of Illinois, Chicago, Ill. Rail and flange oiler. 1,917,189; July 4.
- Edwards, Frank W., Chicago, Ill., and F. B. Farnsworth, Wadsworth, Ohio, assignors to The Ohio Injector Company of Illinois, Chicago, Ill. Mechanical lubricator with individual motor drive. 1,917,190; July 4.
- Edwards, Gordon C., New York, N. Y. Method and apparatus for projecting aerial signs. 1,935,084; Nov. 14.
- Edwards, Guy W., Arlington Heights, Mass. Milk bottle container. 1,913,587; June 13.
- Edwards, Harry D., Larchmont, N. Y., assignor to The Linde Air Products Company. Container for transporting and storing liquefied gases. 1,937,877; Dec. 5.
- Edwards, Harry E., assignor of one-half to E. R. Edwards, Niles, Ohio. Sheet conveyor. 1,909,668; May 16.
- Edwards, Henry H., Auckland, New Zealand. Composition for use in forming a glazing solution. 1,892,980; Jan. 3.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Diesel engine. 1,898,119; Feb. 21.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Crank case breather cap. 1,915,521; June 27.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,919,277; July 25.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,924,843; Aug. 29.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,924,847; Aug. 29.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Supercharger. 1,927,563; Sept. 19.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,246; Oct. 31.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,618; Nov. 7.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,619; Nov. 7.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,620; Nov. 7.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,935,180; Nov. 14.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,280; Dec. 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,281; Dec. 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,282; Dec. 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,283; Dec. 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,284; Dec. 5.
- Edwards, Herbert C., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,285; Dec. 5.
- Edwards, Herbert E., Brookline, Mass. Shoe bottom ornamenting machine. 1,905,961; Apr. 25.
- Edwards, Herbert E., Brookline, Mass. Exhibitor. 1,905,962; Apr. 25.
- Edwards, Homer A., Nampa, Idaho. Automatic sausage linking machine. 1,936,354; Nov. 21.
- Edwards, Howard A., et al. (See Butler, Chalmers M., assignor.)
- Edwards, James E., assignor to W. C. Patton, Canon City, Colo.; C. Woods and H. R. Howell, Shreveport; P. D. Killingsworth and C. J. Bell, parish of E. Baton Rouge; H. A. Labarthe, E. Baton Rouge; and A. L. Hall and W. W. Hall, Baton Rouge, La. Check identifying machine. 1,911,994; May 30.
- Edwards, James H., Passaic, N. J. Welded bracket connection. 1,899,799; Feb. 28.
- Edwards, James H., Vancouver, assignor of one-fourth to J. C. Popham, one-fourth to S. T. Dare, and one-fourth to Matthew J. Phillips, New Westminster, British Columbia, Canada. Grain door. 1,908,698; May 16.
- Edwards, James M., Cedar Heights, and H. R. Dilger, assignors to Associated Manufacturers Corporation of America, Waterloo, Iowa. Bowl and spindle connection for centrifugal liquid separators. 1,896,665; Feb. 7.
- Edwards, Jay C., Chicago, Ill. Artificial stone. 1,920,463; Aug. 1.
- Edwards, John S., South Bend, Ind. Fifth wheel construction. 1,922,359; Aug. 15.
- Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Electrolytic condenser. 1,936,084; Nov. 21.
- Edwards, Leonard L., Longview, Wash. Gear pump. 1,927,395; Sept. 19.
- Edwards, Le Roy O., East Hampton, N. Y. Fish lure. Des. 91,235; Dec. 26.
- Edwards, Le Roy O., East Hampton, N. Y. Fish lure. 1,940,907; Dec. 26.
- Edwards, Lloyd B. (See Beeman, E. R., and Edwards.)
- Edwards Manufacturing Company, The. (See Buck, Everett S., assignor.)
- Edwards Manufacturing Company, The. (See Myers, George D., assignor.)
- Edwards, Norman I., Longueuil, Quebec, Canada, assignor to Franklin Railway Supply Company, New York, N. Y. Buffer. 1,929,883; Oct. 10.
- Edwards, O. M., Company, The. (See Edwards, Oliver M., assignor.)
- Edwards, O. M., Company, The. (See Shaffer, Charles L., assignor.)
- Edwards, O. M., Company Inc., The. (See Axe, Roy T., assignor.)
- Edwards, O. M., Company Inc., The. (See Levan, John F., assignor.)
- Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window sash construction. 1,921,386; Aug. 8.
- Edwards, Paul G., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Testing system. 1,916,304; July 4.
- Edwards, Paul G., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Coupling arrangement. 1,928,720; Oct. 3.
- Edwards, Paul S. (See Barbulessco, Constantin D., assignor.)
- Edwards, Paul S. (See Barbulessco, C. D., and Edwards.)
- Edwards, Paul S., Fort Meade, Md., and Constantin D. Barbulessco, Dayton, Ohio. Reactance controlled relay. 1,898,432; Feb. 21.

- Edwards, Paul S., and C. D. Barbulesco, Dayton, Ohio. Direct reading ohmmeter. 1,905,348; Apr. 25.
- Edwards, Paul S., and C. D. Barbulesco, Dayton, Ohio. Direct reading capacimeter. 1,905,349; Apr. 25.
- Edwards, Paul S., Washington, D. C., and C. D. Barbulesco, Dayton, Ohio. Ultra sensitive relay. 1,917,243; July 11.
- Edwards, Paul S., Fort Knox, Ky., and C. D. Barbulesco, Oakwood, Ohio. Electrical instrument. 1,917,244; July 11.
- Edwards, Paul S., Fort Meade, Md., and C. D. Barbulesco, Dayton, Ohio. Photographing. 1,917,245; July 11.
- Edwards, Paul S., Fort Meade, Md., and C. D. Barbulesco, Dayton, Ohio. Apparatus and method for manufacturing condensers. 1,939,883; Dec. 19.
- Edwards, Reid A., Albert Lea, Minn. Gymnastic apparatus. 1,902,694; Mar. 21.
- Edwards, Robert S., New Rochelle, N. Y., assignor to Edwards and Company, Inc. Hospital signaling apparatus. 1,915,985; June 27.
- Edwards, Russell T., assignor to Signode Steel Strapping Company, Chicago, Ill. Sealing tool. 1,901,903; Mar. 21.
- Edwards, Russell T., assignor to Signode Steel Strapping Company, Chicago, Ill. Sealing tool. 1,924,844; Aug. 29.
- Edwards, Russell T., assignor to Signode Steel Strapping Company, Chicago, Ill. Sealing tool. 1,924,845; Aug. 29.
- Edwards, Stanley, assignor of one-half to J. D. Treece, Denver, Colo. Reversing device for threading taps. 1,936,108; Nov. 21.
- Edwards, Thomas J., Hawthorn, Victoria, Australia. Lawn mower. 1,904,280; Apr. 18.
- Edwards, Victor E., deceased, West Boylston, by Morgan Construction Company, assignee, Worcester, Mass. Handling and conveying hot metal stock. Re18,950; Sept. 12.
- Edwards, Walter, Luton, England. Cartridge. 1,902,695; Mar. 21.
- Edwards, Walter, Kokomo, Ind. Sidewalk sign. 1,924,352; Aug. 29.
- Edwards, William A., Chicago, and C. S. Burton, Oak Park, Ill. Vacuum producing means for fuel devices. 1,923,302; Aug. 22.
- Edwards, William C., Battle Creek, Mich. Tire pressure responsive switch. 1,903,589; Apr. 11.
- Edwards, William E., Pittsburgh, Pa., assignor to National Tube Company. Cutting tool. 1,919,420; July 25.
- Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Telephone pay station apparatus. 1,921,071; Aug. 8.
- Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Telephone pay station apparatus. 1,921,072; Aug. 8.
- Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Time-controlled apparatus. 1,926,143; Sept. 12.
- Edwards, William H., Great Neck, N. Y., and I. W. Green, Cranford, N. J., assignors to American Telephone and Telegraph Company. Time-controlled apparatus. 1,926,144; Sept. 12.
- Edwards, William K., Fort Worth, Tex. Tank valve. 1,939,544; Dec. 12.
- Edwards, William T., Waterloo, Iowa. Vibration damper. 1,906,925; May 2.
- Edwards, Eldon J., assignor of one-half to A. C. Baird, L. B. Porter, and S. L. Westerman, Detroit, Mich. Manhole catch basin sump. 1,894,031; Jan. 10.
- Ellis, Milton M., Chicago, Ill., assignor, by mesne assignments, to W. T. Lewis, Racine, Wis. Radio receiving system. 1,899,025; Feb. 28.
- Efcelite Corporation. (See von Nessen, Walter, assignor.)
- Efesem Inc. (See Feltault, Arthur J., assignor.)
- Efstathiou, Theofanis, New York, N. Y. Signaling apparatus. 1,935,838; Nov. 21.
- Egan, Arthur L. (See Ewing, S. E., and Egan.)
- Egan, Francis W., West Englewood, assignor to John Waldron Corporation, New Brunswick, N. J. Unit tower drier. 1,938,895; Dec. 12.
- Egan, James, Staten Island, N. Y., and V. Mills, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Candle manufacture. 1,935,946; Nov. 21.
- Egan, John J., San Francisco, Calif. Woodworking machinery. 1,900,336; Mar. 7.
- Egan, John J., Brooklyn, N. Y., assignor to Electro Metallurgical Company. Nitriding ferrous alloys. 1,904,425; Apr. 18.
- Egan, John J., Brooklyn, N. Y., assignor to Electro Metallurgical Company. Nitriding. 1,909,669; May 16.
- Egan, John J., assignor to Electro Metallurgical Company, Brooklyn, N. Y. Producing nitrogen containing cases. 1,920,368; Aug. 1.
- Egan, John J., Brooklyn, N. Y., assignor to Electro Metallurgical Company. Nitriding. 1,923,814; Aug. 22.
- Egan, John J., Brooklyn, N. Y., assignor to Electro Metallurgical Company. Case hardening by nitriding. 1,936,294; Nov. 21.
- Egan, Milo H., Franklin, Idaho. Illuminating means. 1,899,085; Feb. 28.
- Egan, Raymond W., and C. H. Petskey, assignors to The J. A. Fay & Egan Company, Cincinnati, Ohio. Endless chain conveyer. 1,910,096; May 23.
- Egen, Heinrich. (See Lorenz, R., and Egen.)
- Eger, Ernst, assignor to Morgan & Wright, Detroit, Mich. Interchangeable tire valves. 1,901,637; Mar. 14.
- Eger, Ernst, assignor to Morgan and Wright, Detroit, Mich. Tension regulator. 1,916,467; July 4.
- Eger, Ernst, assignor to Morgan & Wright, Detroit, Mich. Method and apparatus for uniting materials. 1,938,816; Dec. 12.
- Eger, Ernst, Grosse Pointe Park, assignor to Morgan & Wright, Detroit, Mich. Valve stem. 1,931,649; Oct. 24.
- Eger, Ludwig, New York, N. Y. Cork remover. 1,921,811; Aug. 8.
- EGge, Walter S. (See Bonney, R. D., and EGge.)
- Eggebrecht, Oscar O., Wausau, assignor to The Menasha Products Company, Menasha, Wis. Carton cover. 1,929,811; Oct. 10.
- Eggebrecht, Oscar O., Wausau, assignor to The Menasha Products Company, Menasha, Wis. Carton cover. 1,935,904; Nov. 21.
- EGgen, Oscar E., Charles City, Iowa, assignor to Oliver Farm Equipment Company. Device for synchronizing the speed of a vehicle with the steering mechanism thereof. 1,902,626; Mar. 21.
- EGger, Walter, Cleveland, Ohio, assignor, by mesne assignments, to Du Pont Cellophane Company, Inc., New York, N. Y. Sheet cutting machine. 1,907,760; May 9.
- EGger, Walter F., Cleveland, and L. A. Becker, Lakewood, Ohio, assignors, by mesne assignments, to Norton Company, Worcester, Mass. Machine for honing and polishing crank shafts. 1,905,825; Apr. 25.
- Eggers-O'Flynn Company. (See Lane, William D., assignor.)
- Eggerss, Hans A., Van Wert, Ohio. Container structure. 1,923,426; Aug. 22.
- Eggerss, Hans A., Van Wert, Ohio. Drum or container. 1,934,762; Nov. 14.
- Eggert, Joseph. (See Jaeger, G., and Eggert.)
- Eggert, Joseph, assignor to The Jaeger Machine Company, Columbus, Ohio. Closure for concrete mixers. 1,919,212; July 25.
- Eggert, William, jr., Brooklyn, N. Y. Inbreeding and cross-breeding for finer qualities in plants. 1,914,364; June 20.
- Eggert, William H. (See Hughes, Burton S., Eggert, and S. Hughes.)
- Eggleston, Clarence F., and D. D. Gutekunst, Jackson, Mich. Phonograph. 1,899,141; Feb. 28.
- Eggleston Drilling Corporation. (See Smith, Eggleston, assignor.)
- Eggleston, Lewis W., Clarence Township, Erie County, and E. L. Aurand, Buffalo, assignors to American Radiator Company, New York, N. Y. Expansion valve. 1,935,548; Nov. 14.
- Eggleston, Lewis W., Detroit, Mich., assignor to American Radiator Company, New York, N. Y. Apparatus for controlling temperature. 1,893,277; Jan. 3.
- Eggleston, Lewis W., Detroit, Mich., assignor to American Radiator Company, New York, N. Y. Control device. 1,908,477; May 9.
- Eggleston, Lewis W., Detroit, Mich., assignor to American Radiator Company, New York, N. Y. Refrigerator. 1,911,443; May 30.
- Eggleston, Lewis W., and E. J. Dillman, Detroit, Mich., assignors to American Radiator Company, New York, N. Y. Control device. 1,914,771; June 20.
- Eggleston, Lewis W., and E. J. Dillman, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 1,926,706; Sept. 12.
- Eggleston, Smith. (See Caesar, J., and Eggleston.)
- Eggleston, Smith, St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Conveyor system with diverters. 1,898,818; Feb. 21.
- Eggleston, Smith, assignor to Standard Conveyor Company, St. Paul, Minn. Conveyor system. 1,924,488; Aug. 29.
- Egler, Andrew G., Youngstown, Ohio. Production of sound ingots. 1,911,270; May 30.
- Egler, Nicholas F., Monessen, Pa. Open-hearth furnace. 1,909,048; May 16.
- Egli, Albert, assignor to Scintilla Magneto Company, Inc., Sidney, N. Y. Magneto. 1,909,395; May 16.
- Egli, H. W., A. G. (See Suter, Heinrich, assignor.)
- Egli, H. W., A. G. Firm. (See Suter, Heinrich, assignor.)
- Eglinton, William D., Croydon, England. Spectacle frame hinge. 1,928,172; Sept. 26.
- Egloff, Gustav. (See Morrell, J. C., and Egloff.)
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbons. 1,896,226; Feb. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Producing resinous compounds and products therefrom. 1,896,227; Feb. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbons. 1,896,228; Feb. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for converting oils. 1,900,170; Mar. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for converting oils. 1,900,171; Mar. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon gases. 1,904,362; Apr. 18.

- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbons. 1,908,133; May 9.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for cracking oil. 1,924,848; Aug. 29.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Process of and apparatus for cracking oil. 1,927,159; Sept. 19.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for converting petroleum oil. 1,940,711; Dec. 26.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for cracking petroleum oil. 1,930,231; Oct. 10.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 1,931,757; Oct. 24.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon gases. 1,933,845; Nov. 7.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking process. 1,934,847; Nov. 14.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,937,946; Dec. 5.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 1,938,817; Dec. 12.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Oxidizing hydrocarbons. 1,939,255; Dec. 12.
- Egloff, Gustav, and C. D. Lowry, jr., assignors to Universal Oil Products Company, Chicago, Ill. Lining for vessels holding oil. 1,932,726; Oct. 31.
- Egloff, Gustav, and L. A. Mekler, assignors to Universal Oil Products Company, Chicago, Ill. Method and apparatus for utilizing radiant heat energy. 1,904,361; Apr. 18.
- Egloff, Hans C., Bern, assignor to Firm Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Water tube steam generator. 1,894,762; Jan. 17.
- Egloff, Hans C., Bern, assignor to the firm of Sulzer Frères Societe Anonyme, Winterthur, Switzerland. Water tube steam generator. 1,928,010; Sept. 26.
- Ego, Frederick P. (See Bergman, J. E., and Ego.)
- Egressi, Zoltán, and László Huszár, Budapest, Hungary. X-ray apparatus. 1,907,523; May 9.
- Egry Register Company, The. (See Pfeiffer, Frank E., assignor.)
- Egry Register Company, The. (See Pfeiffer, F. E. and W. C., assignors.)
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Egry Register Company, The. (See Scott, Herbert G., assignor.)
- Egry Register Company, The. (See Stern, Milton C., assignor.)
- Egry Register Company, The. (See Stern, M. C., and Pfeiffer, assignors.)
- Egy, Willard L., assignor to W. & L. E. Gurley, Troy, N. Y. Testing machine. 1,905,270; Apr. 25.
- Egy, Willard L., C. I. Day, and C. E. Smart, assignors to W. & L. E. Gurley, Troy, N. Y. Frame for transits and similar instruments. 1,923,193; Aug. 22.
- Egyesült Izzólampa és Villamosságit. (See Selényi, Paul, assignor.)
- Egyesült Izzólampa és Villamossági részvénytársaság. (See Sziketi, György, assignor.)
- Egyesült Izzólampa és Villamossági részvénytársaság. (See Theisz, Emil, assignor.)
- Ehemann, Joseph J. (See Singer, B. F., and Ehemann.)
- Ehinger, William E., assignor to The National Machinery Co., Tiffin, Ohio. Apparatus for handling forgings. 1,916,608; July 4.
- Ehlen, Harry H., Portland, Oreg. Attachment for portable drills. 1,922,532; Aug. 15.
- Ehlenbeck, Alfred, and R. Platte, Wuppertal-Vohwinkel, Germany. Spring mattress, cushion, or the like. 1,925,868; Sept. 5.
- Ehlers, Hans. (See Reitz, H., and Ehlers.)
- Ehlert, Paul, and J. Fassler, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Crystal holder or setting. 1,922,032; Aug. 15.
- Ehmann, Henry M., assignor to The Akron Bronze & Aluminum Company, Akron, Ohio. Molding apparatus. 1,907,941; May 9.
- Ehmer, Johann M., Beierfeld, Germany. Picture film, diapositive, and the like for optical-projection apparatus. 1,930,421; Oct. 10.
- Ehmke, Karl, Hamburg, Germany. Process for attachment of rubber plates to leather or the like. 1,915,882; June 27.
- Ehn, Axel E. G., Lidingö, Sweden, assignor to American Gas Accumulator Company, Elizabeth, N. J. Apparatus for producing signals. 1,929,019; Oct. 3.
- Ehramjian, Aram, Arverne, New York, N. Y. Radiator shield or cover. 1,908,331; May 9.
- Ehrenreich, Messrs. & Cie. (See Faudi, Fritz, assignor.)
- Ehrensperger, Charles. (See Widmer, S., and Ehrensperger.)
- Ehrensperger, Charles, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Frequency changing system. 1,934,227; Nov. 7.
- Ehresmann, Adam, and L. Streibel, Karlsruhe, Germany. Soling machine. 1,903,422; Apr. 11.
- Ehret, Cornelius D., Philadelphia, Pa. Radio receiving apparatus. 1,922,155; Aug. 15.
- Ehret, Georg. (See Durst E., and Ehret.)
- Ehrhardt, Alfred. (See Nawiasky, P., and Ehrhardt.)
- Ehrhardt, Earl, Chicago, Ill. Composition for acoustical devices. 1,905,631; Apr. 25.
- Ehrhart, Gustav. (See Bockmühl, M., and Ehrhart.)
- Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Stein.)
- Ehrhart, Gustav. (See Bockmühl M., Krohs, and Ehrhart.)
- Ehrhart, Gustav. (See Lautenschläger, K. L., Bockmühl, Ehrhart, and Krohs.)
- Ehrhart, Raymond N., Pittsburgh, Pa. Condenser. 1,922,843; Aug. 15.
- Ehringhaus, Arthur, assignor to the Firm R. Wingel G. m. b. H., Göttingen, Germany. Double refraction device. 1,926,716; Sept. 12.
- Ehrke, Louis F., Newark, N. J., assignor to Westinghouse Lamp Company. X-ray device. 1,920,684; Aug. 1.
- Ehrlich, Gustav, New York, N. Y. Golf game. 1,893,402; Jan. 3.
- Ehrlich, Louis B., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Starting motor switch. 1,917,104; July 4.
- Ehrlich, Theodore C. (See Fagen, C. D., Ehrlich, and Swank.)
- Ehrlich, William, Chicago, Ill. Safe. 1,901,904; Mar. 21.
- Eibert, Fritz, assignor of one-half to Hermann Stark, Munich, Germany. Typewriting machine. 1,940,644; Dec. 19.
- Eibner, Alexander, W. O. Herrmann, W. Haehnel, and M. Miller, Munich, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Bavaria, Germany. Compounds of polymerized vinyl esters and fatty oils. 1,934,297; Nov. 7.
- Eibye, Carl. (See Vedoe, A. M., and Eibye.)
- Eich, Charles L., Fresno, Calif. Piston lathe. 1,916,193; July 4.
- Eichel, John V., jr., assignor to H. S. Getty and Company, Incorporated, Philadelphia, Pa. Lock. 1,904,210; Apr. 18.
- Eichelberger, William S. (See Frederick, C. W., and Eichelberger.)
- Eichelman, William H., and E. E. Hall, Chicago, Ill. Swimming pool. 1,908,332; May 9.
- Eichelsdoerfer, Theodore P., Rock Island, Ill. Trophy plaque. Des. 9,363; July 25.
- Eichenberg, Robert. (See Cummings, J. D., and Eichenberg.)
- Eicher, Benjamin L., Chicago, Ill., assignor, by mesne assignments, to The Dr. Gross Laboratories, Inc., Dayton, Ohio. Making cod-liver-oil tablets. Re18,719; Jan. 24.
- Eichholz, William, Cicero, and R. W. Leutwiler, Chicago, assignors to Illinois Engineering Company, Chicago, Ill. Thermostat. 1,921,312; Aug. 8.
- Eichner, Joseph, West Orange, N. J. Direction signal. 1,898,719; Feb. 21.
- Eichwald, Egon. (See Hammers, E. J., and Eichwald.)
- Eichwede, Heinz, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble mono-azodyestuff and fiber dyed therewith. 1,927,115; Sept. 19.
- Eichwede, Heinz, Frankfurt-on-the-Main-Hochst, and Adolph Koch, Niedernhausen-in-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble disazo-dyestuffs. 1,932,577; Oct. 31.
- Eickenberg, George W. (See Obergfell, H. E., and Eickenberg, assignors.)
- Eickhoff, Theodore H. (See Clapp, K. S., and Eickhoff, assignors.)
- Eiffert, Roy W., Bushnell, Ill. Rake. 1,894,306; Jan. 17.
- Eiffaender, Ludwig. (See Nawiasky, P., and Eiffaender.)
- Eigenheer, Konrad, Sierre, assignor to Aluminium Industrie Aktiengesellschaft, Neuhausen, Switzerland. Electrolytic aluminum reduction. 1,930,195; Oct. 10.
- Eight Wheel Motor Vehicle Company. (See Fageol, Rolie B., assignor.)
- Eiler, Franz, Dresden, Germany. Tilttable casing for concrete construction. 1,918,182; July 11.
- Eilers, Frank E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Metal liquid container. 1,937,487; Nov. 28.
- Eilers, Henry G. (See Roudebush, K. B., and Eilers.)
- Eilertsen, Leo W., C. N. Cone, G. Davidson, I. F. Laucks, and H. P. Banks, assignors to I. F. Laucks Inc., Seattle, Wash. Preparing soya bean protein containing material for the manufacture of an adhesive, and the product thereof. 1,903,172; Mar. 28.
- Eimer, Edwin J. (See Ambrose, T. H., and Eimer.)
- Eimer, Ernest, assignor to Delage & Cie., Courbevoile, France. Valve control gear for internal combustion engines. 1,902,696; Mar. 21.
- Einbeck, Friedrich, assignor to the Firm Aug. Klöme, Dortmund, Germany. Apparatus for drawing-off heavy gases from above the sealing piston in waterless gas holders. 1,940,535; Dec. 19.
- Einbeck, Friedrich, and F. Schürmann, assignors to the Firm Aug. Klöme, Dortmund, Germany. Piston closure for waterless gas holders. 1,924,029; Aug. 22.
- Einhorn, Nathan, Chicago, Ill. Drain pipe cleaner. 1,936,503; Nov. 21.

- Einig, Alvin B., Cleveland Heights, assignor to The Motch & Merryweather Machinery Company, Cleveland, Ohio. Stock conveying apparatus for metal sawing machines. 1,939,441; Dec. 12.
- Einsel, Elmer D., and N. C. Nelson, Hastings, Nebr., assignor to The Hastings Equity Grain Bin Manufacturing Company. Animal feeder. 1,910,596; May 23.
- Einsel, Elmer D., and N. C. Nelson, Hastings, Nebr., assignors to The Hastings Equity Grain Bin Manufacturing Company. Valve for animal feeders. 1,919,587; July 25.
- Einson-Freeman Co. (See Einson, Morris M., assignor.)
- Einson-Freeman Co. (See Tanner, Arnold J., assignor.)
- Einson-Freeman Co., Inc. (See Einson, M. M., and Tanner, assignors.)
- Einson, Morris M., Yonkers, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Packing and display container. 1,919,880; July 25.
- Einson, Morris M., Yonkers, N. Y., and A. J. Tanner, North Haven, Conn., assignors to Einson-Freeman Co., Inc., Long Island City, N. Y. Packing and display container. 1,919,879; July 25.
- Einstein, Sol, Cincinnati, Ohio, assignor, by mesne assignments, to The Head Machine Company, Worcester, Mass. Grinding machine. 1,926,974; Sept. 12.
- Einstein, Sol, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,901,290; Mar. 14.
- Einstein, Sol, and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,757; Dec. 12.
- Einwaechter, Frederick H., jr., West Halethorpe, and A. E. Anger, Garland Park, Md. Tell-tale flexible stay-bolt. 1,899,457; Feb. 28.
- Einwaechter, Frederick H., jr., West Halethorpe, and A. E. Anger, Garland Park, Md. Tell-tale flexible stay-bolt. 1,910,215; May 23.
- Eirich, Joseph. (See Eirich, Ludwig, and J.)
- Eirich, Ludwig, and J. Hardheim, Germany. Plant for preparing fodder from plants. 1,930,422; Oct. 10.
- Eirich, Ludwig, and J. Hardheim, Baden, Germany. Kneading, grinding, and mixing machine. 1,933,473; Oct. 31.
- Eisberg, Samuel, et al. (See Thompson, Roy G., assignor.)
- Eisele, Albert, Berlin-Westend, Germany. Speedometer. 1,895,029; Jan. 24.
- Eisele, Felix, Stuttgart, Germany. Machine tool. 1,908,478; May 9.
- Eisele, Harry T., West Dover, Ohio. Ratchet guide and support. 1,903,781; Apr. 18.
- Eisele, Logan, Nashville, Tenn. Hypodermic needle. Des. 90,839; Oct. 10.
- Eisele, Logan, Nashville, Tenn. Clinical thermometer. 1,932,578; Oct. 31.
- Eisemann, Ernst, assignor to Eisemann-Werke Aktiengesellschaft, Stuttgart, Germany. Magneto electric ignition device. 1,915,655; June 27.
- Eisemann-Werke Aktiengesellschaft. (See Eisemann, Ernst, assignor.)
- Eisenberg, Charles G., jr. (See Hell, J. P. Eisenberg, and Landry.)
- Eisenberg, George, Brooklyn, N. Y. Musical instrument of the violin type. 1,900,489; Mar. 7.
- Eisenberg, Moses J., Boston, Mass. Hypodermic implement. 1,930,929; Oct. 17.
- Eisenbauer, Charles B. (See Ferguson, W. T., and Eisenbauer.)
- Eisenbauer, George R., Forest Hills, N. Y. Transparent nonbreakable cover. 1,929,139; Oct. 3.
- Eisenbauer, Karl, West New York, N. J. Laths construction. 1,930,930; Oct. 17.
- Eisenhour, Bert E., Aurora, assignor of one-half to George Fabyan, Geneva, Ill. Sound meter. 1,924,091; Aug. 29.
- Eisenhut, August. (See Pier, M., Anthes, and Eisenhut.)
- Eisenhut, Frederick, Irvington, and C. W. Pennington, Hillside, N. J. Brush. 1,910,153; May 23.
- Eisenhut, Otto. (See Mueller-Cunradi, M., Eisenhut, and Schilling.)
- Eisenhut, Otto, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrogen and gas mixtures containing the same. 1,898,527; Feb. 21.
- Eisenhut, Otto, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene and hydrogen. 1,904,426; Apr. 18.
- Eisenhut, Otto, Heidelberg, and H. Schilling, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of gases containing acetylene. 1,894,763; Jan. 17.
- Eisenhut, Otto, Heidelberg, and H. Schilling, and P. Baumann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene and carbon black. 1,923,140; Aug. 22.
- Eisenhut, Otto, Heidelberg, R. Stadler, Ziegelhausen, and P. Baumann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene from hydrocarbons in electric arcs. 1,941,077; Dec. 26.
- Eisenhuth, Fred G., Utica, N. Y. Auxiliary valve stem guide. 1,912,071; May 30.
- Eisenlohr, Hermann, Frankfort-on-the-Main, Germany. Manufacture of acid resistant fluxes for enamel colors. 1,927,737; Sept. 19.
- Eisenman, Arthur A., Manitowoc, Wis. Hose coupling. 1,924,712; Aug. 29.
- Eisenmann, Karl. (See Pungs, W., and Eisenmann.)
- Eisenstadt, Norman, New York, N. Y. Cord embroidered textile fabric. Des. 90,238; July 4.
- Eisenzapf, Karl, Berlin-Wilmersdorf, assignor to Siemens & Halske, Aktiengesellschaft Siemensstadt near Berlin, Germany. Determining distances. 1,919,015; July 18.
- Eisenzopf, Robert J. (See Eisenzopf, R. J. J. and R. J.)
- Eisenzopf, Robert J. J. and R. J. J., Baltimore, Md. Anti-glare device. 1,928,249; Sept. 26.
- Eising, Eugene H., New York, N. Y. Therapeutic agent. 1,919,055; July 18.
- Eisinger, Rudolph J. (See Reavis, A. B., and Eisinger.)
- Eisinger, Rudolph J., Prospect Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Throttle valve operating mechanism. 1,923,532; Aug. 22.
- Eisler, Charles, assignor to Eisler Electric Corporation, Newark, N. J. Sealing-off and dumping mechanism for exhaust machines. 1,936,426; Nov. 21.
- Eisler Electric Corporation. (See Eisler, Charles, assignor.)
- Eisler Electric Corporation. (See Peterson, J. E., and Van Beke, assignors.)
- Eisler, Henry, New York, N. Y., assignor to Emeth Financial Corporation. Hair device. 1,897,246; Feb. 14.
- Eisner, Hans, Berlin-Tempelhof, and H. Vollmer, Berlin-Halensee, Germany. Procedure in the production of a perfume or cosmetic. 1,904,211; Apr. 18.
- Eissner, Willy, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fertilizers stable for storage and capable of being scattered. 1,939,165; Dec. 12.
- Bitniear, Frank, Dimondale, assignor of one-third to Lewis Datt, Lansing, Mich. Miter box. 1,910,383; May 23.
- Elitzen, August D., assignor to News Projection Corporation, New York, N. Y. Winding mechanism for stock quotation projecting machines. 1,907,761; May 9.
- Elitzen, August D., assignor to News Projection Corporation, New York, N. Y. Magnetically controlled tape pulling device. 1,912,892; June 6.
- Elitzen, August D., assignor to News Projection Corporation, New York, N. Y. Support for reflecting members. 1,914,560; June 20.
- Elitzen, August D., Flushing, assignor to News Projection Corporation, New York, N. Y. Lamp control mechanism for message transmitting systems. 1,908,333; May 9.
- Elitzen, August D., Flushing, assignor to News Projection Corporation, New York, N. Y. Quotation projecting or similar apparatus. 1,908,832; May 16.
- Elitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Tape locking means. 1,910,154; May 23.
- Elitzen, August D., Rockville Center, assignor to News Projection Corporation, New York, N. Y. Tape controlling device. 1,937,513; Dec. 5.
- Ek, Emil, assignor to Adde and Company, Portland, Me. Measuring and control apparatus. 1,894,307; Jan. 17.
- Ekedahl, Hugo, and O. Berven, San Francisco, Calif. Display device. 1,933,474; Oct. 31.
- Ekelöf, John, Lidings, Sweden. Rotary pump, compressor, and the like. 1,906,141; Apr. 25.
- Ekelöf, John, Lidings, Sweden. Rotary pump or compressor. 1,906,142; Apr. 25.
- Ekelund, Sven C. G., Stockholm, Sweden. Producing combustible gas. 1,938,139; Dec. 5.
- Ekholm, Herbert W. (See Busse, E. G., and Ekholm.)
- Ekholm, Herbert W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Wheel stop. 1,900,232; Mar. 7.
- Eklind, Carl E., and K. J. Tobin, assignors to Camel Company, Chicago, Ill. Track fender for house car doors. 1,915,155; June 20.
- Eklind, Carl E., and K. J. Tobin, assignors to Camel Company, Chicago, Ill. Car door. 1,918,253; July 18.
- Eklind, Carl E., and K. J. Tobin, assignors to Camel Company, Chicago, Ill. Door for stock cars. 1,925,375; Sept. 5.
- Ekman, Carl J. (See Dodge, John H. and J. S., and Ekman.)
- Ekman, Olof I. H., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Signaling system. 1,927,362; Sept. 19.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making wheel hubs. 1,902,222; Mar. 21.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making hubs. 1,902,223; Mar. 21.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making wheel hubs. 1,902,224; Mar. 21.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Making artillery wheels. 1,907,762; May 9.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Rolling mill. 1,914,412; June 20.

- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Differentially turning wire wheels. 1,921,223; Aug. 8.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Disk wheel mounting. 1,934,971; Nov. 14.
- Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Manufacture of wire wheels. 1,935,701; Nov. 21.
- Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich. Vehicle wheel. Des. 89,297; Feb. 21.
- Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich. Vehicle wheel. Des. 89,298; Feb. 21.
- Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich. Disk wheel. Des. 89,687; Apr. 25.
- Eksergian, Carolus L., Detroit, Mich., and W. A. Weightman, assignors to Budd Wheel Company, Philadelphia, Pa. Pressing machine. 1,910,384; May 23.
- Eksergian, Carolus L., Detroit, Mich., and G. L. Kelley, assignors to Budd Wheel Company, Philadelphia, Pa. Wheel stud. 1,939,769; Dec. 19.
- Ekstedt, George H., Minneapolis, Minn. Dough-processing mechanism. 1,929,919; Oct. 10.
- Ekstrom, Ernest R., assignor to Mechanics Universal Joint Company, Rockford, Ill. Assembling fixture. 1,913,537; June 13.
- Elbert, Clifford R., assignor of one-half to A. E. Nygren, Los Angeles, Calif. Tool driving machine. 1,914,413; June 20.
- Elbert, Robert S., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Timing device for laundry extractors. 1,918,960; July 18.
- Elbogen, Paul, Mount Kisco, assignor of one-third to G. D. Kratz, Scarsdale, N. Y. Mold and making the same. 1,902,627; Mar. 21.
- Eldan, Fred A., New York, N. Y., assignor to C. R. Feldmann. Magazine-vending machine. 1,926,436; Sept. 12.
- Elder, Donald, Berkeley, Calif. Sprinkler flow timing apparatus. 1,901,496; Mar. 14.
- Elder, James W. (See Martin, H. E., and Elder.)
- Elder, James W. (See Martin, H. E., Elder, and Rogers.)
- Elder, Reuben D., Macon, Ga. Valve holder. 1,898,720; Feb. 21.
- Elder, Willis G., West Somerville, Mass. Filter. 1,902,435; Mar. 21.
- Elderkin, Paul N., Los Angeles, Calif. Motor testing instrument. 1,936,128; Nov. 21.
- Eldred, Byron E., New York, N. Y., assignor to Radio Corporation of America. Condensed photophonographic sound record. 1,897,247; Feb. 14.
- Eldred, Byron E., New York, N. Y., assignor to Radio Corporation of America. Production of sound and sound picture record. 1,898,040; Feb. 21.
- Eldred, William C. (See Welch, M. G., and Eldred.)
- Eldredge, Elmer E., Wilmette, assignor, by mesne assignments, to Kraft-Phenix Cheese Corporation. Preparing whey concentrate. 1,923,427; Aug. 22.
- Eldridge, George E., Sac City, Iowa. Corn sheller separator. 1,897,367; Feb. 14.
- Electra Corporation. (See Hanson, Martin J., assignor.)
- Electra Corporation. (See Poinier, A. B., and Hanson, assignors.)
- Electric Arc Cutting & Welding Co. (See Coffin, John E., assignor.)
- Electric Auto-Lite Company, The. (See Eaton, Harrison, H., assignor.)
- Electric Auto-Lite Company, The. (See Ehrlich, Louis B., assignor.)
- Electric Auto-Lite Company. (See Patterson, Harry R., assignor.)
- Electric Auto-Lite Company, The. (See Schneider, William G., assignor.)
- Electric Boat Company. (See Grieshaber, Hugo E., assignor.)
- Electric Boat Company. (See Simpson, R. C., and Edgar, assignors.)
- Electric Boat Company. (See Spear, L. Y., Grieshaber and Nibbs, assignors.)
- Electric Controller & Manufacturing Company, The. (See Hall, Jay H., assignor.)
- Electric Controller & Mfg. Company, The. (See Phillips, Robert M., assignor.)
- Electric Fruit Marking Co. (See Hobart, C. L., and Tarlton, assignors.)
- Electric Furnace Company, The. (See Cope, Frank T., assignor.)
- Electric Furnace Company, The. (See Cope, F. T., and Bowling, assignors.)
- Electric Furnace Company, The. (See Cope, F. T., and Oyster, assignors.)
- Electric Furnace Company, The. (See Cope, F. T., Vaughan, and Bowling, assignors.)
- Electric Furnace Company, The. (See Mawhinney, Matthew H., assignor.)
- Electric Household Utilities Corporation. (See Hume, John T., assignor.)
- Electric Incinerators Incorporated. (See Sword, Rowland P., assignor.)
- Electric Iron Grip Switch Company Limited. (See Gordon, John, assignor.)
- Electric Lamp Patents Company. (See Butler, A. M., and Lane, assignors.)
- Electric Machinery Manufacturing Company. (See Early, Rupert N., assignor.)
- Electric Machinery Manufacturing Company. (See Nelson, C. C., and Crosby, assignors.)
- Electric Metallurgical Company. (See Case, Philip S., assignor.)
- Electric Meter Lock Company. (See Ashley, J. D., jr., and Menamin.)
- Electric Meter Lock Company. (See Menamin, Francis C., assignor.)
- Electric Railway Equipment Company, The. (See Cawood, Clarence A., assignor.)
- Electric Railway Improvement Company, The. (See Cadwell, Charles A., assignor.)
- Electric Railway Improvement Company, The. (See Neff, Frank H., assignor.)
- Electric Railway Improvement Company, The. (See Smith, Benjamin A., assignor.)
- Electric Service Supplies Company. (See Graham, Herbert J., assignor.)
- Electric Service Supplies Company. (See Graham, H. J., and Darling, assignors.)
- Electric Service Supplies Company. (See Lewis, Henry G., assignor.)
- Electric Service Supplies Company. (See McFarlin, John R., assignor.)
- Electric Service Supplies Company, The. (See Smith, Walter H., assignor.)
- Electric Smelting & Aluminum Company, The. (See Scheidt, Alfred W., assignor.)
- Electric Smelting & Aluminum Co., The. (See Simpson, William J., assignor.)
- Electric Sprayit Company, The. (See Deutsch, Simon, assignor.)
- Electric Sprayit Company, The. (See Wiley, R. A., and Wolfe, assignors.)
- Electric Steam Sterilizing Company. (See Peterson, Robert E., assignor.)
- Electric Steel Foundry Company. (See Nourse, Walter H., assignor.)
- Electric Steel Foundry Company. (See Younie, Lewis E., assignor.)
- Electric Storage Battery Company, The. (See Lord, Edward L., assignor.)
- Electric Vacuum Cleaner Company. (See Lang, H. T., and Kroenlein, assignors.)
- Electric Vacuum Cleaner Company, Inc. (See Tuteur, Julius, assignor.)
- Electric Wheel Company. (See Calkins, Addison N., assignor.)
- Electrical Engineers Equipment Co. (See Bermann, Louis, assignor.)
- Electrical Engineers Equipment Company. (See Calloway, Russell T., assignor.)
- Electrical Engineers Equipment Company. (See Christensen, Christen, assignor.)
- Electrical Engineers Equipment Company. (See Christensen, C., and Steinmayer, assignors.)
- Electrical Engineers Equipment Company. (See Farrell, Fred, assignor.)
- Electrical Engineers Equipment Co. (See Jacobs, Ernest H., assignor.)
- Electrical Improvements Limited. (See Blackburn, Charles L., assignor.)
- Electrical Improvements Limited. (See Human, Arnold H., assignor.)
- Electrical Industries Manufacturing Company, et al. (See Gage, Edward G., assignor.)
- Electrical Industries Manufacturing Company. (See Leach, Henry G., assignor.)
- Electrical Laboratories, Inc. (See Leupold, Henry G., assignor.)
- Electrical Research Products, Inc. (See Hibbard, Frank H., assignor.)
- Electrical Research Products Inc. (See Hickson, Daniel C., assignor.)
- Electrical Research Products, Inc. (See Hopper, Francis L., assignor.)
- Electrical Research Products, Inc. (See Keith, Clyde R., assignor.)
- Electrical Research Products, Inc. (See Keith, C. R., and Fetter, assignors.)
- Electrical Research Products Inc. (See Maxfield, Joseph P., assignor.)
- Electrical Research Products Inc. (See Miller, J. A., Watkins, and Simpson, assignors.)
- Electrical Research Products, Inc. (See Morgan, Kenneth F., assignor.)
- Electrical Research Products Inc. (See Reynolds, John L., assignor.)
- Electrical Research Products, Inc. (See Scoville, Ray R., assignor.)
- Electrical Research Products, Inc. (See Silent, Harold C., assignor.)
- Electrical Research Products, Inc. (See Silent, H. C., and Scoville, assignors.)
- Electrical Research Products, Inc. (See Watkins, Stanley S. A., assignor.)
- Electrical Research Products, Inc. (See Watts, Edward, assignor.)
- Electrical Research Products Inc. (See Watts, E., and Stanley, assignors.)
- Electrical Testing Laboratories. (See Garms, P., and Digges, assignors.)
- Electrical Testing Laboratories. (See Millar, H. H., and Pash, assignors.)

- Electricitäts-Gesellschaft "Sanitas" m. b. H. (See Helbig, Adolf, assignor.)
 Electrified Sugar Company. (See Lima, Alfred, jr., assignor.)
 Electroacoustic Gesellschaft mit beschränkter Haftung. (See Hecht, H., and Stenzel, assignors.)
 Electroblacks Incorporated. (See Jakosky, John J., assignor.)
 Electroblacks Incorporated. (See Jakosky, J. J., and Hanson, assignors.)
 Electroblacks, Inc. (See Jakosky, J. J., and Wieden, assignors.)
 Electro Broadcasters Corporation. (See Hasin, Charles C., assignor.)
 Electro-Chemical Engineering Corporation. (See Gunder-son, Lewis O., assignor.)
 Electro Dynamic Company. (See Mudge, Charles A., assignor.)
 Electro Flushing & Mfg. Co. (See Tews, Henry W., assignor.)
 Electro Formation, Inc. (See Tyzzer, Howard J., assignor.)
 Electrogear Corporation. (See Neuland, Alfons H., assignor.)
 Electrolock Manufacturing Company, The. (See Kulicke, Frederick W., assignor.)
 Electrolux Corporation. (See Carlstedt, Fredrik, assignor.)
 Electrolux Corporation. (See Ell, Lars, assignor.)
 Electrolux Corporation. (See Engberg, A. O., and Blide, assignors.)
 Electrolux Corporation. (See Forsberg, Axel A., assignor.)
 Electrolux Corporation. (See Lambert, Sven E., assignor.)
 Electrolux Corporation. (See Ljungquist, Gustaf.)
 Electrolux Servel Corporation. (See Bäckström, Sigurd M., assignor.)
 Electrolux Servel Corporation. (See Hainsworth, W. R., and Ryden, assignors.)
 Electrolux Servel Corporation. (See Hedlund, William T., assignor.)
 Electrolux Servel Corporation. (See Knight, Donald B., assignor.)
 Electrolux Servel Corporation. (See Köhler, Peter, assignor.)
 Electrolux Servel Corporation. (See Lenning, Alvar.)
 Electrolux Servel Corporation. (See Lennmor, Gosta G., assignor.)
 Electrolux Servel Corporation. (See Maiuri, G., and Bossini, assignors.)
 Electrolux Servel Corporation. (See Munters, Carl G., assignor.)
 Electrolux Servel Corporation. (See Randel, Bo F., assignor.)
 Electrolux Servel Corporation. (See Schagaloff, Harry C., assignor.)
 Electrolux Servel Corporation. (See Sellman, Folke E., assignor.)
 Electrolux Servel Corporation. (See Smith, Albert C., assignor.)
 Electrolux Servel Corporation. (See Taylor, Robert S., assignor.)
 Electrolux Servel Corporation. (See von Platen, B. C., and Munters, assignors.)
 Electro Manufacturing Company of America. (See Ginder, William H., assignor.)
 Electromaster, Inc. (See Noble, Warren, assignor.)
 Electromatic Typewriters, Inc. (See Crumrine, Chester W., assignor.)
 Electromatic Typewriters, Inc. (See Thompson, Russell G., assignor.)
 Electromatic Typewriters, Inc. (See Thompson, R. G., and Crumrine, assignors.)
 Electro-Mechanical Brake Company Limited. (See Smith-son, John G., assignor.)
 Electro Metallurgical Company. (See Bagley, Glen D., assignor.)
 Electro Metallurgical Company. (See Becket, Frederick M., assignor.)
 Electro Metallurgical Company. (See Corson, Michael G., assignor.)
 Electro Metallurgical Company. (See Critchett, James H., assignor.)
 Electro Metallurgical Company. (See Egan, John J., assignor.)
 Electro Metallurgical Company. (See Franks, Russell, assignor.)
 Electro Metallurgical Company. (See Hamilton, W. B., and Evans, assignors.)
 Electro Metallurgical Company. (See Kinzel, Augustus B., assignor.)
 Electro Metallurgical Company. (See Norwood, Stanley M., assignor.)
 Electro Metallurgical Company. (See Udy, Marvin J., assignor.)
 Electro-Motive Instrument Co. (See Henze, P., and Gill-berg, assignors.)
 Electron Corporation, The. (See Macksoud, Michael E., assignor.)
 Electron Lights, Inc. (See Byrnes, James H., assignor.)
 Electronmetall G. m. b. H. (See Mahle, Ernst, assignor.)
 Electrons, Inc. (See Doering, Ulrich, assignor.)
 Electrons, Inc. (See Edwards, D. V., and Smith, as-signors.)
 Electrons, Inc. (See Meyer, F., and Spanner, assignors.)
 Electrons, Inc. (See Meyer, F., Spanner, and Germer, assignors.)
 Electrons, Inc. (See Spanner, H. J., and Doering, as-signors.)
 Electrons, Inc. (See Spanner, H. J., and von Wedel, as-signors.)
 Electrons, Inc. (See von Wedel, Carl J. R. H., assignor.)
 Electrons, Inc. of Delaware. (See Edwards, Donald V., assignor.)
 Electrotone Corp. of America, The. (See Severy, Victor H., assignor.)
 Electrophone Corporation. (See McCash, P. V., and Peeler, assignors.)
 Elektriska, A. B. Volta. (See Ljungquist, Gustaf, as-signor.)
 Elektrowerke Aktiengesellschaft. (See Krämer, Bernhard, assignor.)
 Elevator Mfg. Company of America. (See Rice, Joseph, assignor.)
 Elevator Supplies Company. (See Kelley, L. J., and Bas-sett, assignors.)
 Elevator Supplies Company. (See Orr, Carroll E., as-signor.)
 Elevator Supplies Company. (See Shonnard, H. W., and Fear, assignors.)
 Elevator Supplies Company. (See Smith, Frank H., as-signor.)
 Elevator Supplies Company. (See Smith, F. H., and Zazafu, assignors.)
 Eley, Alonzo, Hendon, England, assignor to Addressograph Company, Chicago, Ill. Addressing machine and other similar printing machines. 1,900,279; Mar. 7.
 Eifers, Paul A., assignor to The Fisher Governor Com-pany, Marshalltown, Iowa. Pilot differential pressure control. 1,925,957; Sept. 5.
 Elfving, Thore M., Stockholm, Sweden. Absorption re-frigerating apparatus. 1,908,413; May 9.
 Elfving, Thore M., Stockholm, Sweden. Apparatus for transfer of heat. 1,933,897; Nov. 7.
 Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of aromatic hydroxy aldehydes. 1,939,491; Dec. 12.
 Elgin Butter Tub Company. (See Schmidt, A. C., and Wehrle, assignors.)
 Elgin Butter Tub Company. (See Wehrle, Leonard J., as-signor.)
 Elgin National Watch Company. (See Howard, Edward, assignor.)
 Elian, Arthur J., jr., Mexico, Mexico. Closure with valve for bottles or the like. 1,920,068; July 25.
 Eliassen, Fred B. (See Thoresen, C. B., and Eliassen.)
 Elliot, Leon T., Los Angeles, Calif. Photographic trans-forming apparatus. 1,926,584; Sept. 12.
 Elion, Henry. (See Vansgrevenynge, C., and Elion.)
 Eliot, Amory V. (See Wehr, A. J., Sheeres, and Eliot.)
 Elisius, Frederick N., Chicago, Ill. Awning operator. 1,938,140; Dec. 5.
 Elite Manufacturing Company. (See Burkholder, John H., assignor.)
 Elite Manufacturing Company. (See Harbaugh, B. W., and Smith, assignors.)
 Elixman Paper Core Co. Inc. (See Reagles, Annie L., as-signor.)
 Elk Manufacturing Company. (See Mackenzie, Alexander S., assignor.)
 Elkan, Leo H., Chicago, Ill. Rehabilitating used carbon paper. 1,913,704; June 13.
 Elkhart Brass Mfg. Co. (See Hansen, Edward H., and E. E.)
 Elkin, Jacob G., New York, N. Y. Piston ring. 1,927,825; Sept. 26.
 Elkin, Newton, Philadelphia, Pa. Shoe. Des. 88,864; Jan. 3.
 Elkin, Newton, Philadelphia, Pa. Shoe. Des. 89,748; May 2.
 Elkin, Newton, Philadelphia, Pa. Shoe. Des. 89,987; May 23.
 Elkins, Arthur B., assignor of one-half to J. M. Newman, Houston, Tex. Telephone system. 1,915,413; June 27.
 Elkonin, Aaron, San Pedro, Calif. Clock face. Des. 90,700; Sept. 19.
 Elkonin, Aaron, San Pedro, Calif. Clock face. Des. 90,874; Oct. 17.
 Elk River Concrete Products Co., The. (See Longfellow, Dwight W., assignor.)
 Ell, Bernhard S. F. (See Sievert, E. G., and Ell.)
 Ell, Bernhard S. F., Spanga, assignor to Telefonaktie-bolaget L. M. Ericsson, Stockholm, Sweden. Drying and impregnating of cables. 1,917,957; July 11.
 Ell, Bernhard S. F., Spanga, and H. Spanne, Sundbyberg, assignors to Telefonaktiebolaget L. M. Ericsson, Stock-holm, Sweden. Drying arrangement for condensers. 1,909,575; May 16.
 Ell, Lars, Stockholm, Sweden, assignor, by mesne assign-ments, to Electrolux Corporation. Vacuum cleaner. Ref. 8,915; Aug. 8.
 Ell, Lars, Stockholm, Sweden, assignor, by mesne as-signments, to Electrolux Corporation. Vacuum cleaner. 1,938,378; Dec. 5.
 Ellberg, John, New York, and M. Cronwall, assignors to A. Schrader's Son, Inc., Brooklyn, N. Y. Fluid pressure gauge. 1,900,414; Mar. 7.
 Elle, Conrad F., Chicago, Ill. Motor pulley. 1,898,433; Feb. 21.
 Ellen-Bradley Company. (See Wilms, Gustav O., assignor.)

- Ellen, Samuel. (See Zullig, Emil G., assignor.)
- Ellenberger, Clarence M., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Fenderwell lock. 1,907,524; May 9.
- Ellenberger, Clarence M., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Fenderwell lock. 1,907,525; May 9.
- Ellenberger, Clarence M., Detroit, Mich., and F. A. Smith, assignors to Oakes Products Corporation, North Chicago, Ill. Spare wheel carrier and lock. 1,894,945; Jan. 24.
- Ellenberger, Clarence M., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Fenderwell lock. 1,934,848; Nov. 14.
- Ellerbeck, William L. (See Karrick, L. C., and Ellerbeck.)
- Ellerbeck, William L., Salt Lake City, Utah. Forming cellular products. 1,902,993; Mar. 28.
- Ellermeier, Frank D., Swanton, Nebr. Automatic bucket tally. 1,923,194; Aug. 22.
- Ellet, Victor W., Newton, assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass. Piston head. 1,925,797; Sept. 5.
- Elley, Alfred C., assignor to Yates-American Machine Company, Beloit, Wis. Electric motor. 1,928,416; Sept. 26.
- Elling, William E., Long Island City, N. Y. Foldable or collapsible boat. 1,895,380; Jan. 24.
- Ellinger, Flora, Milwaukee, Wis. Roaster. 1,929,682; Oct. 10.
- Ellinger, Flora, Milwaukee, Wis. Garter and clasp therefor. 1,929,683; Oct. 10.
- Ellinger, Otto K., Dornbain, near Tharandt, and E. Schramm, Pirna-Neundorf, Germany. Electric time switch. 1,929,573; Oct. 10.
- Ellinghausen, John H., Orange, Calif. Orchard heater. 1,910,097; May 23.
- Ellingsen, Frank, Brea, assignor to Chiksan Oil Tool Company, Fullerton, Calif. Coupling. 1,902,697; Mar. 21.
- Ellingson, William M., Fargo, N. Dak., assignor to Westinghouse Electric & Manufacturing Company. Invar relay. 1,901,708; Mar. 14.
- Ellingson, Cornwallis D., assignor of one-half to A. E. Schwingel and W. H. Bertsche, Great Falls, Mont. Aircraft. 1,904,281; Apr. 18.
- Elliott Addressing Machine Company. (See Elliott, Harmon P., assignor.)
- Elliott, Andrew P. (See Loeber, H. M., and Elliott.)
- Elliott, Charles J., Northwood, Iowa. Wire splicing, stretching, and twisting tool. 1,925,312; Sept. 5.
- Elliott, Clarence E., and L. O. Nichols, Kansas City, Mo. Fruit juice extractor. Re18,778; Mar. 28.
- Elliott, Clarence E., and L. O. Nichols, Kansas City, Mo., assignors to Knapp Monarch Company, Inc., St. Louis, Mo. Fruit juice extractor. 1,933,621; Nov. 7.
- Elliott Company. (See Good, Paul E., assignor.)
- Elliott Company. (See McDermet, John R., assignor.)
- Elliott Company. (See Rodgers, James P., assignor.)
- Elliott Core Drilling Company. (See Murdock, Russell A., assignor.)
- Elliott Core Drilling Company. (See Murdock, R. A., and McKenna, assignors.)
- Elliott, David, Johnstown, Pa. Cigarette package holder and opener. 1,919,099; July 18.
- Elliott, David, Johnstown, Pa. Cigarette package holder and opener. 1,928,972; Oct. 3.
- Elliott, Edgar E., Little Rock, Ark. Radio map log. 1,934,683; Nov. 14.
- Elliott, Elmer G., assignor to W. J. Pearson, Los Angeles, Calif. Keyboard lock. 1,917,511; July 11.
- Elliott-Fisher Company. (See Foothorap, Harry A., assignor.)
- Elliott-Fisher Company. (See Foothorap, H. A., Bolton, and Carter, assignors.)
- Elliott-Fisher Company. (See Fowler, Ewell E., assignor.)
- Elliott-Fisher Company. (See Pitman, Henry L., assignor.)
- Elliott-Fisher Company. (See Starck, Leo, assignor.)
- Elliott-Fisher Company. (See Steele, Herbert H., assignor.)
- Elliott-Fisher Company. (See von Roppert, Richard, assignor.)
- Elliott-Fisher Company. (See Walter, Edward C., assignor.)
- Elliott, Florence F., Kansas City, Mo. Flexible line holder or bobbin. 1,910,597; May 23.
- Elliott, Fred S., assignor of one-half to W. B. Phillips, Lansing, Mich. Bag holder. 1,922,938; Aug. 15.
- Elliott, George R. (See Warner, H. K., and Elliott.)
- Elliott, Harmon P. (See Blake, Preble W., assignor.)
- Elliott, Harmon P., Watertown, Mass. Printing machine. 1,921,511; Aug. 8.
- Elliott, Harmon P., Watertown, Mass. Stencil printing and copying machine. 1,921,512; Aug. 8.
- Elliott, Harmon P., Cambridge, Mass., assignor to Elliott Addressing Machine Company. Addressing and printing apparatus. 1,909,910; May 16.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Address printing apparatus. 1,909,911; May 16.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Apparatus for simultaneously printing addresses and other matter. 1,909,912; May 16.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Stencil blank with removable backing sheet. 1,909,913; May 16.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Addressing and printing machine. 1,916,564; July 4.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Inking mechanism for printing apparatus. 1,922,533; Aug. 15.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Apparatus for moistening stencil card blanks. 1,928,311; Sept. 26.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Flexible stencil card and holder therefor. 1,937,750; Dec. 5.
- Elliott, Harmon P., Watertown, Mass., assignor to Elliott Addressing Machine Company. Colored stencil and making same. 1,937,751; Dec. 5.
- Elliott, Harold E. (See Gouldbourn, J., and Elliott.)
- Elliott, Harold F., Palo Alto, assignor of one-fourth to John Flam, Los Angeles, Calif. Automatic phonograph. 1,895,614; Jan. 31.
- Elliott, Harold F., Palo Alto, Calif., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High frequency amplifier. 1,905,826; Apr. 25.
- Elliott, Harvey F. (See Rohwedder, O. F., and Elliott.)
- Elliott, Henry, Hillhead, Glasgow, Scotland. Support for rolled goods. 1,894,166; Jan. 10.
- Elliott, Ira L., and W. L. Myers, High Point, N. C. Automatic singeing machine. 1,928,973; Oct. 3.
- Elliott, Irwin, Bronx, N. Y. Machine for cooking pretzels. 1,935,770; Nov. 21.
- Elliott, Joseph H., and I. D. Jack, Glasgow, Scotland. Joint for pipe, tubes, and the like. 1,938,286; Dec. 5.
- Elliott, Norman. (See Britton, E. C., Bass, and Elliott.)
- Elliott, Norman, assignor to The Dow Chemical Company, Midland, Mich. Purification of dihydric phenols. 1,912,628; June 6.
- Elliott, Roff, Watertown, Mass. Addressing machine. 1,921,565; Aug. 8.
- Elliott, Seth N., Marine, Ill. Clutch device. 1,916,786; July 4.
- Elliott, Thomas, Birmingham, Ala., assignor to Continental Gin Company. Hull extractor. 1,905,632; Apr. 25.
- Elliott, Walter, Long Beach, Calif. Crooked hole indicator. 1,895,615; Jan. 31.
- Elliott, Walton H., assignor to The Texas Company, New York, N. Y. Dehydrating oils. 1,928,282; Sept. 26.
- Elliott, Wilbert N. (See Milne, W. G., and Elliott.)
- Elliott, William. (See Dempster, C. B., and Elliott.)
- Elliott, William, Beatrice, Nebr., assignor to Dempster Mill Manufacturing Company. Combination seed scattering and shovel back device. 1,934,490; Nov. 7.
- Elliott, William C., Modesto, Calif. Bed and bedpan combination. 1,899,263; Feb. 28.
- Elliott, William E., Liverpool, England. Book and book-binding. 1,926,477; Sept. 12.
- Elliott, William S., Pittsburgh, Pa. Method and apparatus for removing air from liquids. 1,907,050; May 2.
- Elliott, Creed C., Richmond, Va. Brake. 1,933,421; Oct. 31.
- Elliott, Marion A., Philadelphia, Pa. Game board. Des. 90,755; Sept. 26.
- Ellis, Alvarado L., Swampscott, and G. A. F. Winckler, Worcester, Mass., assignors to General Electric Company. Composite silica article and fabricating same. 1,930,340; Oct. 10.
- Ellis, Arthur H., assignor of one-half to Rochester Appliance Company, Rochester, Minn. Automobile attachment. 1,894,233; Jan. 10.
- Ellis, Arthur L., New Rochelle, N. Y., assignor to The Waterbury Tool Company, Waterbury, Conn. Driving mechanism for reciprocating machines. 1,897,468; Feb. 14.
- Ellis, Arthur L., New Rochelle, N. Y., assignor to The Waterbury Tool Company, Waterbury, Conn. Hydraulic stroke regulator for pumps. 1,923,923; Aug. 22.
- Ellis, Arthur L., New Rochelle, N. Y., and D. R. Francis, assignors to The Waterbury Tool Company, Waterbury, Conn. Variable speed gear transmission. 1,922,887; Aug. 15.
- Ellis, Arthur M., Plattsburg, N. Y. Closure for tanks. 1,910,282; May 23.
- Ellis, Bertie, New York, N. Y. Corn cure package. 1,903,312; Apr. 4.
- Ellis, Carleton, Montclair, N. J. Paper composition and making same. 1,897,694; Feb. 14.
- Ellis, Carleton, Montclair, N. J. Composition containing a resinous complex. 1,900,638; Mar. 7.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Grease-resisting box board. 1,892,939; Jan. 3.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Artificial resin from glycerol and the like. 1,897,977; Feb. 14.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Resinous condensation product. 1,897,978; Feb. 14.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Paper product sized with petroleum hydrocarbons and making the same. 1,899,086; Feb. 28.

- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Making phenol-formaldehyde resins containing an alkaline earth metal base. 1,903,809; Apr. 18.
- Ellis, Carleton, Montclair, N. J., assignor, by mesne assignments, to Rezel Corporation, New York, N. Y. Floor covering. 1,905,827; Apr. 25.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Catalyzed urea resin. 1,905,999; Apr. 25.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Nitrocellulose coating composition containing low boiling solvent vehicles. 1,923,714; Aug. 22.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Wood article. 1,927,086; Sept. 19.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Plastic of high sulphur content and making the same. 1,927,929; Sept. 26.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Product comprising amorphous bodies. 1,927,930; Sept. 26.
- Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Utilizing by-products of petroleum refineries to make synthetic ammonia. 1,935,469; Nov. 14.
- Ellis, Charles E., jr., Mahwah, N. J., assignor, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator dispatching system. 1,909,049; May 16.
- Ellis, Charles E., jr., Mahwah, N. J., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator door operating system. 1,920,369; Aug. 1.
- Ellis, Charles E., jr., Mahwah, N. J., and H. V. McCormick, Long Beach, N. Y., assignors, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Automatic door opening apparatus. 1,934,590; Nov. 7.
- Ellis, Charles H., Kenmore, assignor to General Cable Corporation, New York, N. Y. Manufacture of insulated conductors. 1,929,812; Oct. 10.
- Ellis, Charles L., Bradford Hills, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Wire faced roll for paper machines. 1,911,310; May 30.
- Ellis, Charles L., Bradford Hills, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Water extracting means for cylinder paper machines. 1,935,837; Nov. 21.
- Ellis, Charles T., Detroit, Mich., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Synthetic gum lacquer. 1,934,261; Nov. 7.
- Ellis, Edward D. (See Hasson, P. R., and Ellis.)
- Ellis, Elmer A., Medford, Mass. Rack for holding gemmed insoles. 1,906,952; May 2.
- Ellis, Ernest G. (See Taroni, C. E., and Ellis.)
- Ellis, Eura B. (See Harris, R. C., and Ellis.)
- Ellis, Fielding S. (See Trout, H. N., and Ellis.)
- Ellis-Foster Company. (See Bradley, Theodore F., assignor.)
- Ellis-Foster Company. (See Ellis, Carleton, assignor.)
- Ellis-Foster Company. (See Keyes, D. B., Phipps, and Klabunde, assignors.)
- Ellis-Foster Company. (See Layng, T. E., and Youker, assignors.)
- Ellis-Foster Company. (See Lougovoy, Boris N., assignor.)
- Ellis-Foster Company. (See Nolan, Harold O., assignor.)
- Ellis-Foster Company. (See Weber, Harry M., assignor.)
- Ellis, George D., and Sons, Incorporated. (See Taylor, Herbert K., assignor.)
- Ellis, George H. (See Dreyfus, H., Ellis, Ockman, and Olpin.)
- Ellis, George H. (See Mosby, D. H., Olpin, and Ellis.)
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of black colorations on mixed materials containing organic derivatives of cellulose. 1,892,878; Jan. 3.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of pattern effects upon textile fabrics or other materials. 1,922,727; Aug. 15.
- Ellis, George H., Spondon near Derby, England, assignor to Celanese Corporation of America. Treatment of textile materials. 1,925,178; Sept. 5.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of new dyestuffs and the application thereof. 1,935,205; Nov. 14.
- Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of fabrics. 1,935,263; Nov. 14.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Insulating body. 1,900,698; Mar. 7.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Waterproof insulating body. 1,900,699; Mar. 7.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Fireproof bodies and making the same. 1,905,222; Apr. 25.
- Ellis, George H., St. Paul, assignor to The Insulite Company, Minneapolis, Minn. Feeding articles to and withdrawing them from a press. 1,908,699; May 16.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing or otherwise coloring of materials made with or containing cellulose esters or ethers. 1,897,794; Feb. 14.
- Ellis, George H., H. C. Olpin, and R. C. Storey, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile and other materials. 1,900,172; Mar. 7.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivatives. 1,905,453; Apr. 25.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of naphthoquinone or derivatives thereof. 1,911,945; May 30.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 1,914,945; June 20.
- Ellis, George H., and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of basic derivatives of anthraquinone. 1,921,458; Aug. 8.
- Ellis, George H., and W. B. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 1,922,033; Aug. 15.
- Ellis, George H., and W. B. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of pattern effects upon textile fabrics or other materials. 1,922,728; Aug. 15.
- Ellis, George H., and W. B. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of cellulose ester and other materials. 1,927,160; Sept. 19.
- Ellis, George H., H. C. Olpin, and W. B. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 1,927,161; Sept. 19.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of sulphonated condensation products of aromatic compounds. 1,923,647; Oct. 3.
- Ellis, George H., H. C. Olpin, and E. W. Kirk, Spondon, near Derby, England, assignors to Celanese Corporation of America. Making dispersions of insoluble compounds. 1,928,648; Oct. 3.
- Ellis, George H., T. Ockman, and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials. 1,930,232; Oct. 10.
- Ellis, George H., D. H. Mosby, and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of materials comprising cellulose derivatives. 1,935,623; Nov. 21.
- Ellis, George H., H. C. Olpin, and D. H. Mosby, Spondon, near Derby, England, assignors to Celanese Corporation of America. Azo dyestuffs and their production. 1,935,624; Nov. 21.
- Ellis, Harry E., Jacksonville, Fla. Apparatus for producing pulp without heat. 1,908,590; May 9.
- Ellis, Henry C., assignor to Wm. C. Ellis & Sons Iron Works, Memphis, Tenn. Manhole cover. 1,898,871; Feb. 21.
- Ellis, Herbert W., Wembley Park, and R. W. Bottomley, Ilford, England. Apparatus for cooling oils or other fluids. 1,914,084; June 13.
- Ellis, Howard G., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for rolling and pressing rubber shoes. 1,895,921; Jan. 21.
- Ellis, James T., Sulphur Mine, La. Pipe cutter. 1,919,881; July 25.
- Ellis, John A., St. Louis de Courville, Quebec, Canada. Log refloating apparatus. 1,939,003; Dec. 13.
- Ellis, John H. (See Woodland, C. R., and Ellis.)
- Ellis, Mae. (See Ross, Robert G., assignor.)
- Ellis, Ralph N., Des Moines, Iowa. Collapsible tube closure. 1,897,043; Feb. 14.
- Ellis, Robert C., Bronx, N. Y. Airplane. 1,910,098; May 23.
- Ellis, Robert H. (See Biggert, F. C., jr., and Ellis.)
- Ellis, Robert H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Control system. 1,899,677; Feb. 28.
- Ellis, Stuart, Fredericksburg, Va. Metal flowerpot. 1,896,229; Feb. 7.
- Ellis, Walter R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cable support. 1,910,530; May 23.
- Ellis, William C. (See Schumacher, E. E., and Ellis.)
- Ellis, Wm. C., & Sons Iron Works. (See Ellis, Henry C., assignor.)
- Ellis, William H., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Shelf support. 1,930,645; Oct. 17.
- Ellis, William J., Steele, Ala. Door operating mechanism. 1,918,091; July 11.
- Ellis, William J., Cleveland, Ohio. Abrasive element. 1,929,274; Oct. 3.
- Ellison Bronze Company, Inc. (See Ellison, Edward H., assignor.)
- Ellison, Edward H., Jamestown, assignor to Ellison Bronze Company, Inc., Falconer, N. Y. Ventilator. 1,904,654; Apr. 18.
- Ellison, Edward H., Jamestown, assignor, by mesne assignments, to Austral Window Company, New York, N. Y. Sliding and folding partition caster. 1,940,943; Dec. 26.
- Ellison, Harry C., Lakewood, Ohio, assignor, by mesne assignments, to Republic Steel Corporation. U-bolt and making the same. 1,900,049; Mar. 7.

- Ellison, Lewis M., Evanston, Ill. Draft gauge. 1,919,713; July 25.
- Ellison, Thomas F., Chicago, Ill. Combined stopper and brush. 1,915,599; June 27.
- Ellithorpe, George G. (See Grigsby, O. E., and Ellithorpe.)
- Ellms, Edward H., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,927,280; Sept. 19.
- Ellsworth, Carl F., Collingswood, assignor to The R. M. Hollingshead Co., Camden, N. J. Liquid sprayer and making the same. 1,905,828; Apr. 25.
- Ellsworth, Charles K., assignor to The Hinde and Dauch paper Company, Sandusky, Ohio. Box for packing and exhibiting. Des. 91,023; Nov. 14.
- Ellsworth, John E. and J. H., New Castle, Pa. Heat exchange device. 1,922,534; Aug. 15.
- Ellsworth, Joseph H. (See Ellsworth, John E. and J. H.)
- Ellsworth, William C. (See Campbell, W. H., Ellsworth, and Madsen.)
- Elmendorf, Armin, Chicago, Ill. Veneered board and making same. 1,893,886; Jan. 10.
- Elmendorf, Armin, Chicago, Ill. Floor covering. 1,931,650; Oct. 24.
- Elmendorf, Armin, Chicago, Ill., assignor to The Flexwood Company. Method of gluing thin wood veneer to a backing and flattening the veneer. 1,894,218; Jan. 10.
- Elmendorf, Armin, Chicago, Ill., assignor to The Flexwood Company. Sanding machine. 1,929,946; Oct. 10.
- Elmer, Charles B. (See Elmer, W. B., and Avila, assignors.)
- Elmer, Lewis S., Baltimore, Md. Automatic lubricator and fluid dispenser. 1,934,175; Nov. 7.
- Elmer, Lloyd A., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling device. 1,922,669; Aug. 15.
- Elmer, Lloyd A., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture system. 1,925,690; Sept. 5.
- Elmer, Nixon W., Oak Park, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 1,935,437; Nov. 14.
- Elmer, William B., and C. F. Avila, Cambridge, Mass., assignors to C. B. Elmer, White Plains, N. Y. Cable rider. 1,892,798; Jan. 3.
- Elmore, Paul W., assignor to The American Valve and Meter Company, Cincinnati, Ohio. Ball joint clamp. 1,895,030; Jan. 24.
- Elmore, Pervis S., Dallas, Tex. Stringed musical instrument or similar article. Des. 89,880; May 16.
- Elmore, Starr B., Rocky Hill, Conn. Burial vault. 1,909,938; May 23.
- Elms, John E., assignor to A. R. Thomasson, Dallas, Tex. Valve. 1,914,737; June 20.
- Elmwall, Gustave W., New York, N. Y. Aeroplane. 1,893,665; Jan. 10.
- Elöd, Egon, Karlsruhe, Germany. Production of cellulose formates. 1,900,599; Mar. 7.
- Elöd, Egon, Karlsruhe, and M. Enderli, assignors to the Firm of Rudolph Koepp & Co., Oestrich, Germany. Producing formates of alkaline earth metals. 1,920,851; Aug. 1.
- Elrick, Frank S., Elgin, Ill. Hot water generator. 1,921,735; Aug. 8.
- Elrod, Henry E., Houston, Tex. Settling tank. 1,918,742; July 18.
- Elrod, Henry E., Houston, Tex. Sludge digestion tank. 1,919,689; July 25.
- Elser, William, San Francisco, Calif. Convertible automobile body. 1,924,030; Aug. 22.
- Elsey, George W. (See Rossman, E. F., and Elsey.)
- Elsey, Howard M. (See Zworykin, V. K., and Elsey.)
- Elshoff, Bernard, assignor to Diehl Manufacturing Company, Elizabeth, N. J. Electric fan. 1,908,287; May 9.
- Elskamp, Martin, assignor to E. & B. Holmes Machinery Co., Buffalo, N. Y. Barrel sanding machine. 1,939,674; Dec. 19.
- Elsner, Andreas, Erlangen, Germany, assignor to New York Merchandise Co. Inc., New York, N. Y. Closure for books and similar articles. 1,923,081; Aug. 22.
- Elsner, Richard. (See Funcke, J. C., and Elsner.)
- Elsner, Richard. (See Oppenlander, O., and Elsner.)
- Elsner, Richard. (See Wadewitz, M., and Elsner.)
- Elsner, Richard, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Yarn with even shrinkage. 1,917,512; July 11.
- Elsner, Richard, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Viscose solution. 1,937,110; Nov. 28.
- Elsner, Richard, Elizabethton, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Yarn with even shrinkage. 1,917,513; July 11.
- Elsner, Richard, and H. L. Johnson, Elizabethton, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Manufacture of filaments, threads, etc. 1,922,910; Aug. 15.
- Elsner, Richard, and R. H. Carter, Johnson City, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Spool and holder therefor. 1,934,176; Nov. 7.
- Elster, Julius J., Hillsboro, N. Dak. Combined jar lifter and top remover. 1,912,975; June 6.
- Elster, Julius J., Hillsboro, N. Dak. Can opener. 1,914,738; June 20.
- Elston, Charles C., Pasadena, Calif. Traffic guard. 1,916,787; July 4.
- Elters, William S., assignor of one-half to John E. Ledger, Dayton, Ohio. Culinary tongs. 1,906,454; May 2.
- Elton, Edwin B., Hornsea, England. Machine for molding and compressing plastic substances. 1,923,372; Sept. 26.
- Elvin, Vincent A., Rockford, Ill. Fish knife. 1,935,149; Nov. 14.
- Elwell, George H., New Haven, assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Button loop. 1,916,829; July 4.
- Elwell, George H., New Haven, Conn., assignor to The Greist Manufacturing Company. Electric lamp socket. 1,935,394; Nov. 14.
- Elwell, Harry A., Danville, Ill. Automobile jack. 1,922,475; Aug. 15.
- Elwell, Lloyd E., Los Angeles, Calif. Fuel injection system for internal combustion engines. 1,897,044; Feb. 14.
- Elwell Parker Electric Company, The. (See Abbe, Edward J., assignor.)
- Elwell Parker Electric Company, The. (See Goirick, A. R., and McBean, assignors.)
- Ely, Allen J. (See Haupt, C. H., and Ely.)
- Ely, Frederic G., Chatham, N. J., assignor to Fuller Lehigh Company, New York, N. Y. Control of furnace temperature and furnace wall construction. 1,919,324; July 25.
- Ely, Hiram B., U. S. Army, New York, N. Y. Fire control apparatus. 1,923,082; Aug. 22.
- Ely, Hiram B., U. S. Army, New York, N. Y. Fire control apparatus. 1,939,675; Dec. 19.
- Ely, Richard, et al. (See Satterthwaite, Thomas W., assignor.)
- Elze, Walter C., Forest Hills, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Forge. 1,904,427; Apr. 18.
- Elze, Walter C., Forest Hills, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Thawing and steaming apparatus. 1,933,247; Oct. 31.
- Elzemeyer, Edwin E., and H. Griesedieck, Webster Groves, assignors to American Pulverizer Company, St. Louis, Mo. Crushing or pulverizing machine. 1,892,697; Jan. 3.
- Elzemeyer, Edwin E., and H. C. Griesedieck, Webster Groves, assignors to American Pulverizer Company, St. Louis, Mo. Pulverizing or crushing machine. 1,927,207; Sept. 19.
- Elzemeyer, Edwin E., and H. C. Griesedieck, Webster Groves, assignors to American Pulverizer Company, St. Louis, Mo. Crushing and pulverizing machine. 1,939,256; Dec. 12.
- Emanuel, Edward C., assignor to Armstrong Cork Company, Lancaster, Pa. Coating for molds and coating molds therewith. 1,909,819; May 16.
- Emanuelli, Luigi, assignor to Società Italiana Pirelli, Milan, Italy. Device for reducing the current in the lead sheaths of cables. 1,895,982; Jan. 31.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Apparatus for degasifying liquids. 1,895,983; Jan. 31.
- Emanuelli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. High tension electric cable. 1,900,600; Mar. 7.
- Emanuelli, Luigi, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of electric cables for high tensions. 1,933,008; Oct. 31.
- Embossing Company, The. (See Fletcher, Walter J., assignor.)
- Embury, William C., Warsaw, N. Y. Portable electric lantern. 1,919,056; July 18.
- Emens, Albert L., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electricity meter. 1,919,213; July 25.
- Emens, Albert L., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electricity meter. 1,919,214; July 25.
- Emerol Manufacturing Co. (See Pierce, Burt N., assignor.)
- Emersleben, Otto, Berlin, Germany. Highly emissive cathode. 1,893,935; Jan. 10.
- Emerson, Alfred H. (See Culver, E., and Emerson.)
- Emerson Electric Mfg. Co., The. (See Dederick, C. H., and Appleman, assignors.)
- Emerson Electric Mfg. Co., The. (See Finch, H. I., and Persons, assignors.)
- Emerson Electric Manufacturing Co. (See Persons, Laurence M., assignor.)
- Emerson Electric Mfg. Co., The. (See Persons, Lawrence M., assignor.)
- Emerson Electric Mfg. Co. (See Rodgers, James A., assignor.)
- Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
- Emerson Electric Mfg. Co., The. (See White, Chesterfield, assignor.)
- Emerson, George Y., Rochester, N. H. Inner sole. 1,895,709; Jan. 31.
- Emerson, Sam, et al. (See Jaworowski, Joseph F., assignor.)
- Emerson, Sam W., et al. (See Jaworowski, Joseph F., assignor.)
- Emerson, Victor F., Philadelphia, Pa., and W. L. Edison, Wilmington, Del. Radioantenna. 1,933,321; Oct. 31.

- Emerson, Victor L., Philadelphia, Pa. Variable radius attachment for milling, planing, grinding, or scraping machines. 1,901,952; Mar. 21.
- Emery, Arthur R. (See Gay, Edson W., assignor.)
- Emery, Howard, and A. Irvine, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming molds. 1,935,549; Nov. 14.
- Emery Industries, Inc. (See Reddish, Warren T., assignor.)
- Emery, Wallace V., West Milwaukee, Wis. Metallic welding electrode. 1,907,051; May 2.
- Emery, William M., Lansdowne, Pa. Ironing machine. 1,925,869; Sept. 5.
- Emeth Financial Corporation. (See Eisler, Henry, assignor.)
- Emeth Financial Corporation. (See Goodman, Abraham, assignor.)
- Emeth Financial Corporation. (See Goodman, Jacob, assignor.)
- Emig, John, assignor to Armstrong Cork Company, Lancaster, Pa. Making linoleum. 1,939,961; Dec. 19.
- Emlich, Joseph, and R. Espelage, Cincinnati, Ohio. Douche nozzle. 1,936,709; Nov. 28.
- Emmens, Hendrik. (See De Boer, J. H., Van Geel, and Emmens.)
- Emmer, Hans. (See Lüttringhaus, A., Neresheimer, and Emmer.)
- Emmert, George. (See Johnson, Charles J., assignor.)
- Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Cylinder head fastening means. 1,902,494; Mar. 21.
- Emmons, Arthur N., assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Abrading machine. Des. 90,239; July 4.
- Emmons, Arthur N., assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Tailstock for lathes and the like. 1,900,233; Mar. 7.
- Emmons, Arthur N., Nedrow, assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Floor finishing machine. 1,921,513; Aug. 8.
- Emmons, Arthur N., assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Abrading machine. 1,939,111; Dec. 12.
- Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Steel alloy and articles made therefrom. 1,937,334; Nov. 28.
- Emmons, Richard C., Madison, Wis., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Universal stage for microscopes. 1,916,609; July 4.
- Emmons, William W., Newark, N. J. Sleeve terminal box for electric cables. 1,917,242; July 11.
- Emmord, Albert F., Baltimore, Md. Brake shoe. 1,909,256; May 16.
- Emmott, Willie. (See Boughton, E. B., Emmott, and Brock.)
- Emms, Charles, London, England. Jodhpur and like garment. 1,893,470; Jan. 3.
- Empire Metal Cap Co. (See Merolle, Augustus L., assignor.)
- Empire Oil & Refining Company. (See Fisher, J. P., and Downs, assignors.)
- Empire Silver & Chrome Corp. (See Schnitzer, Louis M., assignor.)
- Empire Trust Company, trustee. (See Atkinson, Ralph L., assignor.)
- Empun Torio Kabushiki Kaisha. (See Negishi, Shin, assignor.)
- Emrick, George W., assignor to Ettco Tool Co., Inc., Brooklyn, N. Y. Multiple disk clutch. 1,903,963; Apr. 18.
- Emsco Derrick & Equipment Company. (See Davidson, William D., assignor.)
- Emsco Derrick & Equipment Company. (See Goesser, Edwin W., assignor.)
- Emsco Derrick & Equipment Company. (See Rawson, Leslie A., assignor.)
- Emsco Derrick & Equipment Company. (See Sawyer, Wilfred D., assignor.)
- Emsco Derrick & Equipment Company. (See Smith, D. M., and Tremolada, assignors.)
- Emsco Derrick & Equipment Company. (See Stevenson, Edward E., assignor.)
- Emsco, Derrick & Equipment Company. (See Tremolada, Guglielmo, assignor.)
- Emsco Derrick & Equipment Company. (See Trout, William A., assignor.)
- Emulsoids, Inc. (See Knight, Hugh, assignor.)
- Enamel Products Company, The. (See Brett, William H., assignor.)
- Enamel Products Company, The. (See Mochi, Ugo, assignor.)
- Enard, Hans, Elizabeth, N. J. Speed reducer. 1,929,058; Oct. 3.
- Endacott, Paul S., assignor to Phillips Petroleum Company, Bartlesville, Okla. Customer's apparatus for storing and dispensing liquid gas. 1,897,160; Feb. 14.
- Endacott, Paul S., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquefied gas distributor's servicing truck. 1,897,161; Feb. 14.
- Endacott, Paul S., assignor to Phillips Petroleum Company, Bartlesville, Okla. Weighing apparatus for tank contained liquefied gas. 1,897,162; Feb. 14.
- Endacott, Paul S., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquefied gas distributor's servicing truck. 1,897,164; Feb. 14.
- Endacott, Paul S., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Delivery system. 1,921,968; Aug. 8.
- Endacott, Paul S., and R. W. Thomas, assignors to Phillips Petroleum Company, Bartlesville, Okla. Method and apparatus for transportation and distribution of liquefied gas. 1,897,165; Feb. 14.
- Ende, Frank M., Los Angeles, Calif. Diathermy. 1,916,722; July 4.
- Endelson, Jack, Brooklyn, assignor to Nathan Sheinman, New York, N. Y. Textile fabric or similar article. Des. 89,856; May 9.
- Ender, Sidney, Brooklyn, N. Y. Reflector. Des. 90,240; July 4.
- Enderes, Ernst, Guttenberg, Iowa. Weeder hoe. 1,896,441; Feb. 7.
- Enderich, Winfield S. (See Fiegel, W. J., and Enderich.)
- Enderli, Max. (See Eldad, E., and Enderli.)
- Enders, Hugo E., Belleville, assignor to Monroe Calculating Machine Company, Orange, N. J. Attachment for calculating machines. 1,895,819; Feb. 21.
- Endersby, David P. R. (See Mayhew, George, assignor.)
- Endicott, George E., St. Paul, Minn., assignor to W. H. Minet, Inc., Chicago, Ill. Hand brake. 1,928,011; Sept. 26.
- Endly, Herbert L., Emporia, Kans. Waxing device. 1,920,069; July 25.
- Endres, Herbert A., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing insoluble pigments. 1,919,714; July 25.
- Enges, Herbert A., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing dispersions of insoluble pigments. 1,919,715; July 25.
- Endres, Walter, and H. Hootz, Berlin, Germany, assignors to General Electric Company. Motor control system. 1,905,693; Apr. 25.
- Endsley, Louis E. (See Hunter, P. E., and Endsley.)
- Endsley, Louis E., Pittsburgh, Pa. Friction spring. 1,938,099; Dec. 5.
- Endsley, Louis E., Pittsburgh, assignor to Edgewater Steel Company, Oakmont, Pa. Making wheels. 1,937,878; Dec. 5.
- Endsley, Louis E., Pittsburgh, and H. T. Anderson, Butler; said Endsley, assignor to Fort Pitt Malleable Iron Company, Pittsburgh, Pa. Car door. 1,913,154; June 6.
- Endsley, William H., Henderson, Tex. Apparatus for guiding and steadying drill stem and drill pipe. 1,900,921; Mar. 14.
- Endsor, Albert H., Montville, N. J. Clothesline holder. 1,926,975; Sept. 12.
- Endter, Waldemar A., Long Beach, Calif. Rotary bolt doorlock. 1,902,547; Mar. 21.
- Endter, Waldemar A., Long Beach, Calif. Doorlock. 1,902,628; Mar. 21.
- Enemark, Hans J. P., Stapleton, N. Y. Spraying device. 1,904,428; Apr. 18.
- Engberg, Axel O., and E. Ahnström, Stockholm, Sweden, assignors to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Washing machine. 1,903,987; Apr. 18.
- Engberg, Axel O., and T. E. D. Bilde, Stockholm, Sweden, assignors to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Floor polisher. 1,901,497; Mar. 14.
- Engberg, Axel O., and T. E. D. Bilde, Stockholm, Sweden, assignors, by mesne assignments, to Electrolux Corporation. Handle. 1,908,834; May 16.
- Engblom, John F. T., and C. W. Wilman, Beeston, England. Calculating or indicating apparatus. 1,935,021; Nov. 14.
- Engel, Albert W., Chicago, Ill. Transparent envelope. 1,913,109; June 6.
- Engel, Albert W., Chicago, Ill. Transparent mounting corner. 1,913,110; June 6.
- Engel, Bruno. (See Wietzel, R., and Engel.)
- Engel, Edward, Bloomington, Ill. Driving mechanism for washing machines. 1,906,253; May 2.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,913,314; June 6.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,913,315; June 6.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,913,316; June 6.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Tilting head wringer. 1,913,317; June 6.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,916,159; June 27.
- Engel, Edward, Bloomington, Ill., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,916,160; June 27.
- Engel, Frank. (See Moore, E., and Engel.)
- Engel, Henry, Queens Village, N. Y. Lawn and turf edger. 1,912,893; June 6.
- Engel, Karl, New York, N. Y. Attachment for shears. 1,901,739; Mar. 14.
- Engel, Karl, New York, N. Y. Knife wiper attachment for typesetting machines. 1,907,401; May 2.

- Engelbertz, William H., Pittsburgh, Pa. Billet handling in continuous heating furnaces. 1,922,888; Aug. 15.
- Engelbertz, William H., Youngstown, Ohio. Apparatus for making seamless tubular articles. 1,932,266; Oct. 24.
- Engelder, Carl J. (See Silverman, A., Engelder, and Blumer.)
- Engelfried, Charles, assignor to The J. Bird Moyer Co., Inc., Philadelphia, Pa. Reversible dental mandrel. 1,907,319; May 2.
- Engelhardt, Charles, Inc. (See Hebler, William O., assignor.)
- Engelhardt, Charles, Inc. (See Hebler, W. O., and Hamilton, assignors.)
- Engelhardt, Felix. (See Bergen, G., Engelhardt, and Steckhan.)
- Engelhardt, Henry C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Electrical motor. 1,918,690; July 18.
- Engelhardt, Rudolf. (See Lommel, W., and Engelhardt.)
- Engelhardt, Rudolf, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Chlorination of naphthalene. 1,933,422; Oct. 31.
- Engelhardt, Rudolf, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Rhine, Germany. Rendering fibrous materials noninflammable. 1,938,746; Dec. 12.
- Engelhardt, Victor, and N. Schönfeldt, Berlin-Charlottenburg, assignors to Siemens & Halske Aktiengesellschaft Siemensstadt, near Berlin, Germany. Electrolytic cell of the mercury type. 1,908,134; May 9.
- Engelke, Fred H., Marshfield, Wis. Anticlog stock feeder. 1,936,295; Nov. 21.
- Engelman, Adolph, et al. (See Jewett, Frank C., assignor.)
- Engelman, Joseph J., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 1,912,266; May 30.
- Engelman, Joseph J., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for clinching friction covers to cans. 1,940,667; Dec. 26.
- Engelman, Robert C. (See Ochtman, L., jr., and Engelman.)
- Engelmann, Max, Lausa, Germany. Cinematographic apparatus. 1,905,454; Apr. 25.
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seed disinfectant. 1,915,054; June 20.
- Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disinfectant composition. 1,919,936; July 25.
- Engelmann, Max, assignor to Bayer-Semesan Company, Wilmington, Del. Seed disinfectant. 1,920,008; July 25.
- Engelmann, Max, assignor to Bayer-Semesan Company, Wilmington, Del. Seed disinfectant. 1,920,009; July 25.
- Engelmann, Nikolaus, Philadelphia, Pa. Fuel oil heater. 1,937,013; Nov. 28.
- Engelmann, Reinhold, Dresden-Hellerau, assignor to K. Germar, Dresden, Germany. Sticking corner for fastening cards and photos. 1,927,338; Sept. 19.
- Engelmann, Wilhelm. (See Bollmann, H., and Engelmann.)
- Engels, Bernhard, Waldenburg-Altwasser, Germany. Drawing nozzle for the manufacture of flashed glass. 1,910,759; May 23.
- Engels, Bernhard, Weisswasser, Germany. Process and apparatus for producing compound glass sheets. 1,941,392; Dec. 26.
- Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Control system for bake ovens and the like. 1,938,625; Dec. 12.
- Engels, Robert, and J. Rihosek, Vienna, Austria. Apparatus for varying the leverage of the link and lever gearing of vehicle brakes. 1,898,528; Feb. 21.
- Engert, George A., Chicago, and G. B. Gibson, Evanston, assignors to Sonbert Machine Company, Chicago, Ill. Paper machine and making paper. 1,924,154; Aug. 29.
- Engl, Walter B., assignor to The Mantle Lamp Company of America, Chicago, Ill. Mantle head. 1,906,255; May 2.
- Engl, Walter B., Chicago, Ill., and Cortland W. Davis, Alexandria, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Side draft burner. 1,906,254; May 2.
- Englhauser, Winford L., Lebanon, Ohio. Forming manifolds. 1,906,953; May 2.
- Englhauser, Winford L., Lebanon, Ohio. Pipe forming machine. 1,939,770; Dec. 19.
- Engholm, Bernard A., Lakewood, assignor to The Rola Company, Cleveland, Ohio. Loud speaker. 1,918,092; July 11.
- Engholm, Bernard A., Lakewood, assignor to The Rola Company, Cleveland, Ohio. Voice coil form. 1,923,924; Aug. 22.
- Engineering Appliance Corporation. (See Cole, Clarence H., assignor.)
- Engineering Appliance Corporation, The. (See Kriegstedt, Carl E. O., assignor.)
- Engineering Development Company, The. (See Maxon, G., jr., and Ord, assignors.)
- Engineering Products Corporation. (See Sprong, Severn D., assignor.)
- Engineering Products Corporation, Inc. (See Thomson, F. B., and Spring, assignors.)
- Engineering and Research Corporation, The. (See Wilcox, Harry A., jr., assignor.)
- Engisch, Otto, Hamburg, Germany. Evaporator. 1,918,385; July 18.
- Engl, Josef, Berlin-Gruenewald, Germany, assignor to Engl Products Corporation, New York, N. Y. Amplifying system. 1,895,152; Jan. 24.
- Engl, Josef, Berlin-Gruenewald, Germany, assignor to Engl Products Corporation, New York, N. Y. Slit forming device and producing the same. 1,910,598; May 23.
- Engl Products Corporation. (See Engl, Josef, assignor.)
- England, Arthur E., assignor of one-half to Petrick Brothers, Inc., Chicago, Ill. Draw-off attachment for liquid containers. 1,907,763; May 9.
- England, James C., Knoxville, Tenn. Pipe. 1,921,073; Aug. 8.
- Englander, Benjamin B., Brooklyn, assignor to Double Day Bed Corporation, New York, N. Y. Extensible twin day bed. 1,907,526; May 9.
- Englander Spring Bed Company. (See Bebry, Percival P., assignor.)
- Engle, Edgar W., Lake Forest, assignor to Faanstel Products Company, Inc., North Chicago, Ill. Film formation on valve metals. 1,935,395; Nov. 14.
- Engle, George, Baltimore, Md. Magnet. 1,934,345; Nov. 7.
- Engle, Russell, assignor to T. L. Knipe, Kokomo, Ind. Carnation. Pl. Pt. 69; June 20.
- Engle, Washington J., assignor of one-half to A. R. Knight, Urbana, Ill. Soil-working machine. 1,926,976; Sept. 12.
- Englebright, Alfred E., F. J. Foret, San Rafael, and J. E. C. Currens, San Anselmo, assignors to Hydrauger Corporation, Ltd., San Francisco, Calif. Earth boring apparatus. 1,932,068; Oct. 24.
- Englen, Frederick J., Omaha, Nebr. Boring device for cigars and the like. 1,911,271; May 30.
- Engler, M. Russell. (See Hoge, Kenneth S., assignor.)
- Engler, Otto, Cassel-Wilhelmshohe, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Locomotive. 1,941,295; Dec. 26.
- English, Francis G. S. (See Thomas, A., and English.)
- English, Francis G. S., West Croydon, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Clutch control mechanism particularly for record card controlled tabulating machines. 1,938,220; Dec. 5.
- English, Fred S., and R. H. Dodds, New London, Conn., assignors to The Babcock Printing Press Manufacturing Company. Sheet rack for presses. 1,938,325; Dec. 5.
- English, John. (See Bolton, Arthur, assignor.)
- English, Solomon, London, England, assignor to Holophane Company, Inc., New York, N. Y. Luminair employing prismatic reflectors. 1,905,829; Apr. 25.
- English Steel Corporation Limited, et al. (See Bailey, Richard W., assignor.)
- English, William A., Van Nuys, Calif. Reversible filtering apparatus. 1,914,012; June 13.
- Englund, Carl R., Freehold, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Radio receiving circuit. 1,934,412; Nov. 7.
- Englund, Gustaf A., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 1,940,405; Dec. 19.
- Englund, Leonard H., Winona, Minn., assignor to Victor Chemical Works. Rust-proofing composition and producing the same. 1,926,766; Sept. 12.
- Engs, William, and R. Z. Moravec, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of alcohol from olefines. 1,912,695; June 6.
- Engs, William, and R. Moravec, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of alkyl acid esters of polybasic inorganic acids. 1,915,820; June 27.
- Engs, William, and R. Z. Moravec, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of secondary alcohols. 1,938,177; Dec. 5.
- Engs, William, and R. Z. Moravec, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Hydrolysis of esters. 1,938,178; Dec. 5.
- Engst, Norbert K. (See Dreyer, C. F., and Engst.)
- Engst, Norbert K., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Circuit control device. 1,910,155; May 23.
- Engstrand, Gunnar C., assignor to Sludge Pumping, Inc., New York, N. Y. Oil pumping apparatus. 1,894,234; Jan. 10.
- Engstrom, Gustaf W. (See Walker, E. C., and Engstrom.)
- Engstrom, Henry O., assignor to The Bridgeport Switch Company, Bridgeport, Conn. Electric switch. 1,923,428; Aug. 22.
- Enhor, William T., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Metal working. 1,931,913; Oct. 24.
- Enlund, Bror D., Degerfors, Sweden, assignor to H. Enlund, Binghamton, N. Y. Determining the contents of a foreign substance. 1,893,700; Jan. 10.
- Enlund, Henning. (See Enlund, Bror D., assignor.)
- Ennis, John G., Mount Penn, assignor to Berkshire Knitting Mills, Wyalissing, Pa. Straight knitting machine. 1,928,283; Sept. 26.
- Ennis, Sylvester A. J. (See Domke, E. F., and Ennis.)

- Enright, John J. (See Nitardy, F. W., Enright, and Wrenn.)
- Enright, John W., New Orleans, La. Internal combustion engine. 1,916,043; June 27.
- Enright, Stephen P., Philadelphia, Pa. Toilet flushing apparatus. 1,919,779; July 25.
- Ensenat, Ramon, deceased, Newark, N. J. E. J. C. Joerg, executor. Stern paddle-wheel propulsion mechanism for boats. 1,905,162; Apr. 25.
- Ensign-Bickford Co., The. (See Pearsall, David E., assignor.)
- Ensign Carburetor Co. (See Ensign, Orville H., assignor.)
- Ensign Carburetor Co. Ltd. (See Ensign, Paul W., assignor.)
- Ensign, Orville H., Pasadena, Calif., assignor, by mesne assignments, to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Carburetor. Re18,767; Mar. 14.
- Ensign, Paul W., San Marino, assignor to Ensign Carburetor Co. Ltd., Huntington Park, Calif. Carburetor. 1,912,573; June 6.
- Ensign, Roy F., South Pasadena, assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Fuel injection system. 1,894,510; Jan. 17.
- Ensign, William T., Detroit, Mich. Propulsion device. 1,915,156; June 20.
- Ensminger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-repellant coating composition. 1,915,301; June 27.
- Ensminger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose nitrate coating composition. 1,939,676; Dec. 19.
- Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)
- Enterprise Manufacturing Company, The. (See Bowers, Dana W., assignor.)
- Enterprise Manufacturing Company, The. (See Khoenle, Herman F., assignor.)
- Enterprise Manufacturing Company, The. (See Pfueger, Charles T., assignor.)
- Enterprise Optical Mfg. Co. (See Wienke, Emil J., assignor.)
- Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
- Enterprise Tool and Gear Corp. (See Proefke, Otto, assignor.)
- Entraygues, Jules P., Paris, France. Bathing suit and similar sport garment. 1,908,591; May 9.
- Entrikin, Samuel J., Orlando, Fla. Metal hand or grab. 1,914,246; June 13.
- Entwistle, T. C., Company. (See Bryant, Julian K., assignor.)
- Entz, Theodore B., Brooklyn, and A. H. Snyder, Lancaster, assignors, by mesne assignments, to Gould Storage Battery Corporation, Depew, N. Y. Separator for storage batteries. 1,937,405; Nov. 28.
- Enzor, Ora K., assignor of one-fourth to H. E. Dorsey, Indianapolis, Ind. Electrolytic production of gases. 1,898,352; Feb. 21.
- Eoff, John R., jr., Piedmont, Calif., assignor to Viniardists, Inc. Removing tartaric acid and tartrates from must, grape juice, and wine. 1,915,273; June 27.
- Epp, Wilhelm, Berlin-Pankow, Germany. Apparatus for making brushes. 1,941,343; Dec. 26.
- Eppenstein, Otto, assignor to the Firm Carl Zeiss, Jena, Germany. Rectifying device for range-finders. 1,918,527; July 18.
- Eppenstein, Otto, assignor to Firm: Carl Zeiss, Jena, Germany. Binocular rangefinder. 1,928,662; Oct. 3.
- Eppensteiner, William F., Woodbridge, assignor to United States Metals Refining Company, Carteret, N. J. Mold. 1,894,511; Jan. 17.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Casting copper or equivalent metals. 1,894,982; Jan. 24.
- Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, (Limited), New York, N. Y. Apparatus for casting core molds. 1,894,983; Jan. 24.
- Eppensteiner, William F., Rahway, N. J. assignor to The American Metal Company, (Limited), New York, N. Y. Car loader. 1,912,130; May 30.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,909,172; May 16.
- Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Leveling machine. 1,935,625; Nov. 21.
- Epst, Joseph, Cocheton, N. Y. Combined seal and label. 1,911,120; May 23.
- Epstein, Albert A., New York, N. Y. Heating device. 1,894,348; Jan. 17.
- Epstein, Albert A., New York, N. Y. Briquette and process of manufacture. 1,900,173; Mar. 7.
- Epstein, Albert A., assignor to Consolidated Patentees Corporation, New York, N. Y. Tea extract paste. 1,916,468; July 4.
- Epstein, Albert A., assignor to Consolidated Patentees Corporation, New York, N. Y. Hypodermic needle kit. 1,926,230; Sept. 12.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Bread improving process and product. 1,907,764; May 9.
- Epstein, Albert K., and B. R. Harris, Chicago, Ill. Margarine emulsion and product to be used therein. 1,917,253; July 11.
- Epstein, Irving, Brooklyn, N. Y. Can opener key and strip guide. 1,911,613; May 30.
- Epstein, Joshua, Philadelphia, Pa. Heat exchange device. 1,922,844; Aug. 15.
- Epstein, Perry, Brooklyn, assignor to B. E. Fleischaker and H. Baum, New York, N. Y., composing the firm of Fleischaker & Baum. Limb joint for dolls and the like. 1,939,677; Dec. 19.
- Epstein, Reuben H., Brooklyn, N. Y. Nursing and teething nipple and pacifier. 1,913,627; June 13.
- Epstein, William C., assignor to The Duo-Tor Manufacturing Company, Dayton, Ohio. Incinerator. 1,911,614; May 30.
- Epton, Arthur I., and M. W. Feldman, Chicago, Ill. Door mounting. 1,925,798; Sept. 5.
- Epton, Arthur I., and M. W. Feldman, Chicago, Ill. Door mounting and latching means therefor. 1,933,009; Oct. 31.
- Epworth, Henry J., Edinburgh, Scotland. Sharpener for lawn-mowers and the like. 1,927,630; Sept. 19.
- Equalizer Incorporated. (See Smith, Conway E., assignor.)
- Equipment & Supply Co. Inc. (See Atwood, La Mott, assignor.)
- Equipment Specialties Company. (See O'Connor, Arthur F., assignor.)
- Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)
- Equity Construction Company. (See Buhr, Victor, assignor.)
- Equity Finance & Investment Corporation. (See Stivers, Jake M., assignor.)
- Erade, Charles J., Brussels, Belgium. Carburetor. 1,921,736; Aug. 8.
- Erade, Charles J., Brussels, Belgium. Carburetor. 1,928,974; Oct. 3.
- Erb-Joyce Foundry Company. (See Kimber, Harry P., assignor.)
- Erbach, Frederick R., Detroit, Mich., assignor, by mesne assignments, to The Guardian Trust Company, Cleveland, Ohio, as trustee. Vaporizer. 1,893,349; Jan. 17.
- Erbach, Frederick R., assignor to Kelvinator Corporation, Detroit, Mich. Evaporator. 1,893,361; Jan. 3.
- Erban Patents Corporation. (See Erban, Richard, assignor.)
- Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Control mechanism for power transmission gears. 1,921,459; Aug. 8.
- Erbe, Ralph R., assignor to The Capehart Corporation, Fort Wayne, Ind. Remote control for radios and the like. 1,927,260; Sept. 19.
- Ercanbrack, John E., and F. A. Johnson; said Johnson assignor to Bell & Gossett Company, Chicago, Ill. Hot water heating system with plural riser control. 1,932,069; Oct. 24.
- Erdahl, Nicholai M., assignor to Highway Trailer Company, Edgerton, Wis. Brake. 1,892,940; Jan. 3.
- Erdahl, Nicholai M., assignor to Highway Trailer Company, Edgerton, Wis. Tractor running gear. 1,913,705; June 13.
- Erdahl, Nicholai M., assignor to Highway Trailer Company, Edgerton, Wis. Brake for power winches. 1,913,706; June 13.
- Erdahl, Nicholai M., assignor to Highway Trailer Company, Edgerton, Wis. Pole setting apparatus. 1,921,812; Aug. 8.
- Erdman, Theodore J., assignor to Van Brunt Manufacturing Company, Horicon, Wis. Grain drill. 1,923,259; Aug. 22.
- Erdmann, Konrad, Radenthein, Austria. Apparatus for impregnating coarsely fibrous materials to be worked up into building elements. 1,918,462; July 18.
- Eremeeff, Ivan, Philadelphia, Pa. Synthetic electrical musical system. 1,924,713; Aug. 29.
- Erfass, Ragnar. (See Ousbäck, Mats, G. H., assignor.)
- Ergon Research Laboratories, Inc. (See Lilienfeld, Julius E., assignor.)
- Erhard, Antonette. (See Erhard, John W. and A.)
- Erhard, John W. and A., New York, N. Y. Container closure. 1,903,099; Mar. 28.
- Erhardt, Udo, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Thawing composition. 1,915,018; June 20.
- Ericsson, Arvid. (See McGregor, J. M., and Ericsson.)
- Erickson, Louritz E., and A. A. Hammons, Plains, Mont. Battery terminal connection. 1,894,984; Jan. 24.
- Erickson, Alexander T. (See Erickson, Walter A., assignor.)
- Erickson, Arvid M., assignor to Barron-Gray Packing Company, San Jose, Calif. Stemming grapes. 1,924,111; Aug. 29.
- Erickson, C. N. (See Goodner, Monroe H., assignor.)
- Erickson, Carl J., and C. H. Johnson, Chicago, Ill. Bath-tub supporting bracket. 1,938,818; Dec. 12.
- Erickson, Carl L., Eltingville, and W. O. Morrison, Elmhurst, assignors to Russell Supply Co. Inc., New York, N. Y. Ink-feed control means for printing presses. 1,926,145; Sept. 12.
- Erickson, Charles, Kirkland Lake, Ontario, Canada. Drill shank and bit. 1,899,458; Feb. 28.
- Erickson, Charles L. (See Bond, D. S., Fuller, and Erickson.)

- Erickson, Cyril L., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Mixer for petroleum oil refining. 1,932,655; Oct. 31.
- Erickson, Edward E., Moline, Ill. Rope clamp. 1,921,286; Aug. 8.
- Erickson, Edward S., Salem, Ohio, assignor to The International Nickel Company, Inc., New York, N. Y. Adjustable leg for sinks. 1,907,765; May 9.
- Erickson, Ellis O. (See Vedder, E. H., and Erickson.)
- Erickson, Ellis O., Pasadena, Calif., assignor to Westinghouse Electric & Manufacturing Company. Photocell amplifier unit. 1,905,276; Apr. 25.
- Erickson, Ellis O., Pasadena, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Quartz seal and producing the same. 1,922,536; Aug. 15.
- Erickson, Ellis O., Los Angeles, Calif., assignor to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Producing quartz seals. 1,922,535; Aug. 15.
- Erickson, Everett, and G. J. Hoody, Omaha, Nebr. Collapsible luggage rack. 1,900,438; Mar. 7.
- Erickson, Fred M., Pasadena, Calif. Wheel aligning gauge. 1,894,370; Jan. 17.
- Erickson, John E., East Grand Forks, Minn. Steering device. 1,896,396; Feb. 7.
- Erickson, John E., assignor to Madison-Kipp Corporation, Madison, Wis. Governor for fluid motors. 1,899,142; Feb. 28.
- Erickson, Walter A., assignor of one-half to Alexander T. Erickson, Monte Vista, Colo. Classifying door for power shovels. 1,935,288; Nov. 14.
- Ericson, Charles E., Los Angeles, Calif. Waxer and polisher. 1,910,683; May 23.
- Ericson, Emile, Pelham, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric rug. Des. 90,066; June 6.
- Ericson, Emile, Pelham, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric rug. Des. 90,067; June 6.
- Ericson, Emile, Pelham, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric rug. Des. 90,068; June 6.
- Ericson, Eric R. (See Kibele, O. B., and Ericson.)
- Ericson, Eric W., assignor to Dietrich, Incorporated, Detroit, Mich. Mounting for sliding vehicle windows. 1,923,665; Aug. 22.
- Ericson, Erland W., assignor to The Merrill Company, San Francisco, Calif. Fluid meter. 1,922,423; Aug. 15.
- Ericson, George R., St. Louis, Mo. Headlight for toy vehicles. 1,938,326; Dec. 5.
- Ericson, George R., assignor to Metalcraft Corporation, St. Louis, Mo. Headlight for toy vehicles. 1,905,931; Apr. 25.
- Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 1,915,852; June 27.
- Ericson, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 1,923,429; Aug. 22.
- Ericson, George R., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 1,915,851; June 27.
- Ericson, George R., St. Louis, Mo., and P. R. Wheeler, Mount Ida, Va., assignors to Alemite Corporation, Chicago, Ill. Lubricating system. 1,908,641; May 9.
- Ericson, George R., Maplewood, Mo., and P. R. Wheeler, Alexandria, Va. Lubricating device. 1,915,302; June 27.
- Ericson, George R., Maplewood, Mo., and P. R. Wheeler, Alexandria, Va. Measuring device. 1,915,850; June 27.
- Ericson, Gunnar F., and J. J. Kolar, Long Island, N. Y. Boiler efficiency indicator. 1,934,849; Nov. 14.
- Ericson, Joseph E., New Britain, assignor to Connecticut Paper Products Company, Inc., Plainville, Conn. Paper drinking cup. 1,940,406; Dec. 19.
- Ericson, Philip E. G., St. Charles, assignor to The W. H. Howell Company, Geneva, Ill. Folding chair. 1,905,830; Apr. 25.
- Ericson, Richard. (See Roos, C. K., and Ericson.)
- Ericson, Richard, assignor to United States Gypsum Company, Chicago, Ill. Producing foam. 1,937,472; Nov. 28.
- Ericson, Richard W., assignor to Mead & Wheeler Company, Chicago, Ill. Desk. 1,910,156; Mar. 23.
- Ericsson, John E. (See Lindgren, Waldemar L., assignor.)
- Ericsson Telephones Limited. (See Limb, Frederick, assignor.)
- Erie City Iron Works. (See Blatter, Donald L., assignor.)
- Erie City Iron Works. (See Carlson, Carl T., assignor.)
- Erie City Iron Works. (See Kaemmerling, Gustav H., assignor.)
- Erie Dyeing & Processing Co., The. (See Kreis, Joseph D., assignor.)
- Erie Malleable Iron Company. (See Malthaner, Sylvester A., assignor.)
- Erie Malleable Iron Company. (See Vanderveer, Jewell W., assignor.)
- Erie Shores Ice Cream Company. (See Hansen, Donald C., assignor.)
- Eriksen, Einar R., Long Beach, Calif. Golf practicing device. 1,893,278; Jan. 3.
- Eriksen, Fred, Jersey City, N. J., assignor to Scott Paper Company. Paper towel cabinet. 1,915,522; June 27.
- Eriksen, Hans J., Aarhus, Denmark. Grinding machine for crank shafts. 1,915,853; June 27.
- Eriksen, Oliver H., Orland, Calif. Internal combustion engine. 1,918,840; July 18.
- Eriksson, Andreas, Chicago, Ill. Power means for aircraft. 1,893,936; Jan. 10.
- Eriksson, Edvard E., Degerfors, Sweden. Corrugating sheets and means therefor. 1,941,078; Dec. 26.
- Eriksson, Erik J., Stockholm, Sweden. Carburetor. 1,930,423; Oct. 10.
- Eriksson, Erik O. (See Lysholm, A., Ljungstrom, and Eriksson.)
- Eriksson-Jons, Anders, Stockholm, Sweden, assignor to Inventia Patent-Verwertungsgesellschaft, Schaffhausen, Switzerland. Surface treating machine. 1,915,495; June 27.
- Erismann, Paul B., and C. F. Hawker, assignors to Armstrong Cork Company, Lancaster, Pa. Container for hollow cylindrical objects. 1,940,489; Dec. 19.
- Erith, Henry C., Sutton, and B. C. Erith, London County, England. Kiln for the heat treatment of materials. 1,894,167; Jan. 10.
- Erith, Raymond C. (See Erith, Henry C. and R. C.)
- Erkes, Joseph, Philadelphia, Pa. Pile fabric. Des. 89,863; May 9.
- Erkes, Joseph, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Fabric. Des. 90,480; Aug. 15.
- Erkes, Joseph, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Fabric. Des. 90,576; Aug. 29.
- Erlanger, Milton S., assignor to The B. V. D. Company, Inc., New York, N. Y. Undergarment. 1,939,257; Dec. 12.
- Ermisch, Carl R., assignor of one-half to M. J. Maas, St. Paul, Minn. Camera focusing mechanism. 1,918,206; July 11.
- Ermisch, Herman J., Terre Haute, Ind. Garment-cleaning machine. 1,926,977; Sept. 12.
- Ern, Robert, Solingen, Germany. Polishing apparatus, specially for knives, forks, and spoons. 1,904,282; Apr. 18.
- Ernau, Jacob J. (See Bock, A. C. O., and Ernau.)
- Ernecke, Albert. (See Seidel, W., and Ernecke.)
- Ernest, Albert, Chicago, Ill. Furniture. 1,901,638; Mar. 14.
- Ernest, Walter, assignor to Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press. 1,901,291; Mar. 14.
- Erni, Walter, assignor to Palmyra Manufacturing Company, Palmyra, Wis. Machine for handling ground meat in bulk units. 1,912,765; June 6.
- Ernst, Clemens J., Minster, Ohio. Hose and pipe coupling. 1,903,445; Apr. 11.
- Ernst, Clemens J., Minster, Ohio. Telescopic elbow. 1,911,311; May 30.
- Ernst, Fritz B., assignor to American Steel Foundries, Chicago, Ill. Side frame for trucks. 1,909,459; May 16.
- Ernst, Fritz B., assignor to American Steel Foundries, Chicago, Ill. Truck side frame. 1,909,460; May 16.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic transformer. 1,893,825; Jan. 10.
- Ernst, Hans, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Convertible type feed system. 1,897,032; Feb. 14.
- Ernst, Hans, assignor to Western Cartridge Company, East Alton, Ill. Process of and apparatus for making wads. 1,900,012; Mar. 7.
- Ernst, Hans, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Spindle oscillator. 1,938,758; Dec. 12.
- Ernst, Hans, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,759; Dec. 12.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Control for hydraulic systems. 1,893,068; Jan. 3.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,904,971; Apr. 18.
- Ernst, Hans, Cincinnati, and H. R. Isler, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Hydraulic drive for milling machines. 1,938,772; Dec. 12.
- Ernst, Hans, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Rotary cutter. 1,938,773; Dec. 12.
- Ernst, Hans, and M. E. Martelotti, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,774; Dec. 12.
- Ernst, Henry J., Newport, Ky. Swivel joint for fluid pipes. 1,907,099; May 2.
- Ernst, Otto. (See Berndt, W., and Ernst.)
- Ernst, Paul, Burghausen, Germany, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, Munich, Bavaria, Germany. Production of alkyl halides. 1,937,269; Nov. 28.
- Ernst, Victor C., Lakewood, assignor to Full-Tone Process Company, Cleveland, Ohio. Adjustable photographic printing apparatus. 1,909,939; May 23.
- Ernst, Walter, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press platen travel equalizer. 1,900,050; Mar. 7.

- Ernst, Walter, assignor to Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Radial pump. 1,920,123; July 25.
- Ernst, Walter, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic motor control means. 1,927,583; Sept. 19.
- Ernst, Walter, assignor to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press surge control. 1,940,668; Dec. 26.
- Ernst, Walter, and H. F. MacMillin, assignors to The Hydraulic Press Mfg. Co., Mount Gilead, Ohio. Hydraulic press. 1,895,710; Jan. 31.
- Ernst, Walter, H. F. MacMillin, and R. Thoreson, assignors to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Hydraulic press. 1,899,678; Feb. 28.
- Ernst, Walter, and H. F. MacMillin, assignors to The Hydraulic Press Manufacturing Company, Mount Gilead, Ohio. Control mechanism for hydraulic motors. 1,937,192; Nov. 28.
- Ernst, William, Kansas City, Kans. Fluid pressure spraying apparatus. 1,915,124; June 20.
- Ernst, William, San Francisco, Calif. Tube cleaner. 1,926,231; Sept. 12.
- Ernst, Nicolas, North Billerica, assignor to Smith, Ernster Laboratories, Inc., Cambridge, Mass. Trihydroxy carboxylic acid ester and producing the same. 1,927,339; Sept. 19.
- Erny, Charles G., Philadelphia, Pa. Spark plug. 1,930,003; Oct. 10.
- Erren, Rudolf, Berlin, Germany. Driving internal combustion engines. 1,901,709; Mar. 14.
- Errig, William F., Philadelphia, and G. M. Pfundt, Churchville, Pa. Tire groover. 1,916,258; July 4.
- Error No Inc. (See Harper, C. C., and Kitzendough, assignors.)
- Erskin, James D., Glen Cove, N. Y. Radiator construction. 1,907,527; May 9.
- Erskine, Malcolm E. (See Toohey, J. S., and Erskine.)
- Erskine, Roy A., Cleveland, Ohio. Boat construction. 1,897,661; Feb. 14.
- Ertz, George L., Los Angeles, Calif., assignor, by mesne assignments, to Messinger Devices, Incorporated, Bridgeport, Conn. Braking vehicles. 1,940,712; Dec. 26.
- Ervin, Charles E., Terre Haute, Ind. Soft collar pin. 1,921,969; Aug. 8.
- Ervin, Dwight M., San Francisco, Calif. Dirigible headlight. 1,927,232; Sept. 19.
- Ervin, Edward, et al. (See Steinfield, Harry, assignor.)
- Ervin, Ernest E., Seiger Springs, assignor to W. A. Forbes, San Francisco, Calif. Tractor attachment. 1,939,258; Dec. 12.
- Ervin, William A., Sacramento, Calif. Antitheft light socket. 1,936,871; Nov. 28.
- Erwin, Lawrence B., Marblehead, Mass. Antiskid device. 1,939,771; Dec. 19.
- Erwin, Parke, Massena, N. Y. Electric automotive steering mechanism. 1,926,478; Sept. 12.
- Erzoznik, Frank, Iowa City, Iowa. Trailer brake. 1,925,179; Sept. 5.
- Esau, Abraham, Jena, Germany. Device for generating short waves. 1,917,105; July 4.
- Esau, Abraham, Jena, Germany. Apparatus for diathermic treatment by means of high frequency. 1,918,386; July 18.
- Esau, Abraham, Jena, Germany. Arrangement for producing ultrashort waves. 1,926,617; Sept. 12.
- Esau, Abraham, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving arrangement with aperiodic directional aerial system. 1,912,766; June 6.
- Es-B-Es Co. (See Dannheiser, Joseph M., assignor.)
- Escalante, Maximo, Summit, N. J. Mouth harp. 1,933,721; Nov. 7.
- Escande, Jean B. A. F. (See Warmoes, G. T., and Escande.)
- Eschbach, Leo B. (See Couch, R. O., and Eschbach.)
- Eschenbach, Gustavus W., Los Angeles, Calif. Pictorial display apparatus. 1,893,052; Jan. 3.
- Eschenbach, Gustavus W., Los Angeles, Calif. Apparatus for displaying advertising. 1,894,512; Jan. 17.
- Eschenbach, Gustavus W., Los Angeles, Calif. Panoramic pictorial advertising display apparatus. 1,928,012; Sept. 26.
- Eschenbach, Gustavus W., Los Angeles, Calif. Multiform knockdown box. 1,932,772; Oct. 31.
- Eschenbach, Gustavus W., Los Angeles, Calif. Multiform knockdown box. 1,932,773; Oct. 31.
- Eschenbacher, Hermann, Ridgewood, N. Y. Toy bank. 1,918,691; July 18.
- Eschholz, Otto H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum circuit breaker. 1,901,639; Mar. 14.
- Eschmann, Max. (See Steinbuch, E., Eschmann, and Schwammburger.)
- Escole, Paul J. M., Jeumont, assignor to Forges et Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France. Glass sheet-forming apparatus. 1,930,424; Oct. 10.
- Escole, Paul J. M., Jeumont, assignor to Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Surfacing apparatus. 1,932,305; Oct. 24.
- Escott, Alexander J., assignor to Siemens Brothers & Company Limited, London, England. Automatic telephone system. 1,922,237; Aug. 15.
- Escott, Alexander J., assignor to Siemens Brothers & Company Limited, London, England. Rotary switch. 1,925,237; Sept. 5.
- Esdorn, John H., New Rochelle, N. Y. Store fixture display molding. 1,902,769; Mar. 21.
- Eshbaugh, Jesse E., Flint, Mich. Propaganda distributor. 1,907,348; May 2.
- Eshbaugh, Jesse E., Flint, Mich. Pressure gauge. 1,909,857; May 16.
- Eshbaugh, Jesse E., Flint, Mich. Oxygen gas supply system. 1,917,958; July 11.
- Eshbaugh, Jesse E., Flint, Mich. Air speed annunciator. 1,917,959; July 11.
- Eshbaugh, Jesse E., assignor to A C Spark Plug Company, Flint, Mich. Ammeter. 1,919,504; July 25.
- Eshbaugh, Jesse E., assignor to A C Spark Plug Company, Flint, Mich. Gearless type pressure gauge. 1,937,879; Dec. 5.
- Eskilson, Sven A., Stockholm, Sweden, assignor to American Gasaccumulator Company, Elizabeth, N. J. Automatic welding apparatus. 1,938,819; Dec. 12.
- Esleek Manufacturing Company. (See McCorkindale, William F., assignor.)
- Eslinger, John, Chicago, Ill. Aeroplane toy. 1,939,962; Dec. 19.
- Esmarch, Eihelm, Berlin-Halensee, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Coil for induction furnaces. 1,924,680; Aug. 29.
- Esmond, Lewis B., Boston, Mass., and W. W. Duecker, Pittsburg, Pa., assignors to Essex Gelatine Company, Boston, Mass. Preparing edible emulsions of solid in fat and product thereof. 1,894,677; Jan. 17.
- Esnard, Miguel, Matanzas, Cuba. Faucet. 1,896,944; Feb. 7.
- Espe, Werner, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Activating glowing cathodes or the like. 1,894,946; Jan. 24.
- Espe, Werner, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Manufacture of vacuum tubes. 1,894,947; Jan. 24.
- Espe, Werner, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Activating cathodes. 1,894,949; Jan. 24.
- Espe, Werner, Berlin-Charlottenburg, and H. Kolligs, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Manufacture of electron discharge devices. 1,894,948; Jan. 24.
- Espelage, Raymond. (See Emlich, J., and Espelage.)
- Espenschied, Lloyd, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company. Four wire circuits. 1,917,960; July 11.
- Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Communication with moving vehicles. 1,933,795; Nov. 7.
- Espenschied, Virgil F., assignor, by mesne assignments, to The Schumacher Corporation, Hartsville, Ohio. Adjustable ventilator. 1,896,075; Feb. 7.
- Espig, Hermann. (See Jaeger, M. and Espig.)
- Espig, Hermann Bitterfeld, assignor to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of synthetic spinels. 1,913,480; June 13.
- Esposito, Attilio. (See Esposito, Modestino and A.)
- Esposito, Modestino and A., Union City, N. J. Folding table. 1,934,119; Nov. 7.
- Esposito, Otto. (See Castellano, G., and Esposito.)
- Esselen, Gustavus J., Swampscott, assignor to The Corticelli Silk Company, Florence, Mass. Production of silk fibers. 1,934,415; Nov. 7.
- Esselen, Gustavus J., and I. Weber, Swampscott, assignors to The Fiberloid Corporation, Indian Orchard, Mass. Seasoning sheets containing a solvent. 1,937,687; Dec. 5.
- Esselen, William B., Millis, Mass. Plant stake. 1,916,305; July 4.
- Esseltine, Alfred B., assignor to Goodman Manufacturing Company, Chicago, Ill. Snatch block. 1,901,498; Mar. 14.
- Essex Gelatine Company. (See Esmond, L. B., and Duecker, assignors.)
- Esslen, Eugen. (See Jahn, August, assignor.)
- Essley, Elissa P., Hinsdale, Ill. Photographic paper. 1,922,670; Aug. 15.
- Esslinger, Frederick J., Petroleum, Hubbard Township, Trumbull County, Ohio, assignor to The Petroleum Iron Works Co. of Ohio, Sharon, Pa. Weldrod coating. 1,903,620; Apr. 11.
- Estabrooke, William L., Yonkers, N. Y. Disinfectant. 1,938,585; Dec. 12.
- Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)
- Esterbrook Steel Pen Manufacturing Co., The. (See Wood, Edward S., assignor.)
- Estate, José M. (See Bori, A. B., and Estate.)
- Esterbrook Steel Pen Manufacturing Co. (See Ashmore, Leon H., assignor.)
- Esterling, William M., Long Beach, assignor of forty-five per cent to R. S. Hay, and ten per cent to R. E. Spencer, San Pedro, Calif. Oil burner. 1,903,100; Mar. 28.
- Esterow, Harry, New York, N. Y. Fountain pen clip. 1,904,212; Apr. 18.

- Esterson, Albert A., assignor to Holtite Manufacturing Company, Baltimore, Md. Rubber heel. Des. 90,135; June 13.
- Estes, Dana, Brookline, Mass. Fire extinguisher. 1,925,313; Sept. 5.
- Estes, Ezra L., Shawnee, Okla. Water heater. 1,928,649; Oct. 3.
- Estes, George L., assignor of one-half to H. M. Rounds, Wichita, Kans. Traffic marking device. 1,932,206; Oct. 24.
- Estes, Philip H., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Electrolytic cell. 1,914,114; June 13.
- Estler, Harry S., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Mechanical refrigerating apparatus. 1,932,172; Oct. 24.
- Estler, Harry S., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Expansion device. 1,937,555; Dec. 5.
- Estorff, Walther, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. High voltage bushing. 1,899,752; Feb. 28.
- Esty, Edward T., et al. (See Henne, A. H., and Clark, assignors.)
- Etablissements Ch. Faure-Roux. (See Faure-Roux, Charles, assignor.)
- Etablissements Ed. Jaeger. (See Planiol, René J. H., assignor.)
- Etablissements Ernest Arnoult, Société Anonyme. (See Cousin, Paul A. J., assignor.)
- Etablissements Labinal. (See Petit, Jean F. G., assignor.)
- Etchart, Martin, Buenos Aires, Argentina. Machine for the manufacture and smoothing of rods. 1,932,092; Oct. 24.
- Etem, Charles A., Kansas City, Mo. Air filter. 1,908,334; May 9.
- Etheridge, Harry, Zelienople, Pa. Concrete construction. 1,913,707; June 13.
- Etheridge, John M., Columbus, Ga. Combined self-lubricating bearing and supporting structure for bobbin spindles. 1,928,525; Sept. 26.
- Etherington, Harold. (See Moll, K. H., and Etherington.)
- Etherington, Harold. (See Moll, K. H., Etherington, and Smith.)
- Etherton, Meryl, Kansas City, Mo. Solder-seal. 1,908,700; May 16.
- Ethyl Gasoline Corporation. (See Bartholomew, Earl, assignor.)
- Etienne, Alfred, and A. Gosselin, Montereau, and R. Du Chaffaut, Varennes sur Seine, assignors to l'Air Liquide, Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Process for the purification of gases for the synthesis of ammonia. 1,915,723; June 27.
- Etna Machine Company, The. (See Abbey, Nelson D., assignor.)
- Etico Tool Co., Inc. (See Emrick, George W., assignor.)
- Etten, Nicholas L., Waterloo, Iowa, assignor, by mesne assignments, to Chamberlin Corporation. Locking mechanism for ironing machines. 1,937,193; Nov. 28.
- Etter, Robert B., Indianapolis, Ind. Dispensing container. 1,912,438; June 6.
- Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Hospital bed. 1,901,841; Mar. 14.
- Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Surgical splint. 1,904,363; Apr. 18.
- Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Clavicle splint. 1,917,106; July 4.
- Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Surgical splint. 1,921,987; Aug. 8.
- Etl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Tape handling apparatus. 1,904,861; Apr. 18.
- Etl, Joseph, Plainfield, N. J., assignor to Patdevin Machine Company, Brooklyn, N. Y. Gluing and pasting machine. 1,938,820; Dec. 12.
- Eftmüller, Walter, Zurich, Switzerland, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,931,067; Oct. 17.
- Etsel, Gastao. (See Henke, C. O., and Etzel.)
- Etzenbouser, Fred H., R. C. Murphy, and F. P. Tandy, Independence, Mo. Valve grinder. 1,918,743; July 18.
- Etzkorn, Rudolf, Oberbruch, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Aging of alkali cellulose. 1,911,560; May 30.
- Etzkorn, Rudolf, Oberbruch, Regierungsbezirk Aachen, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Centrifuge. 1,916,830; July 4.
- Etzkorn, Rudolf, Oberbruch, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Manufacture of artificial silk. 1,916,831; July 4.
- Euclid Crane & Hoist Company. (See White, William, assignor.)
- Eudaly, Newton L., Norwood, W. H. Collins, Elmwood Place, and H. H. Vollmer, St. Bernard, assignors to The Drackett Chemical Company, Cincinnati, Ohio. Machine for capping fibrous containers. 1,929,275; Oct. 3.
- Eugene Fruit Growers Association. (See Bailor, Vivien, assignor.)
- Eugster, Emil, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric locomotive truck. 1,935,550; Nov. 14.
- Eulberg, Adam J., Sunburst, Mont. Process and apparatus for removing carbon from still tubes. 1,939,112; Dec. 12.
- Eulberg, Joseph, et al. (See Kokenze, Anton, assignor.)
- Eule, Martin. (See Miller, H., and Eule.)
- Eule, Martin, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Tubular steam boiler. 1,895,790; Jan. 31.
- Eule, Martin, Berlin-Spandau, and E. Auders, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Multiple heat exchange coil. 1,901,090; Mar. 14.
- Eureka Steel Range Co., The. (See Fleer, Harry H., assignor.)
- Eureka Steel Range Co. (See Morgan, Swiney, assignor.)
- Eurich, Richard H. (See Reinhardt, G. A., and Eurich.)
- Euring, August, Richmond Hill, N. Y. Garden chair. 1,921,460; Aug. 8.
- Eurit, Carl, Tulsa, Okla. Straight lift beam hanger for oil well pumping rigs. 1,903,034; Mar. 28.
- Europa Schreibmaschinen A. G. (See Beck, Franz, assignor.)
- Eusey, Samuel. (See Young, L. M., Eusey, and Lindquist.)
- Eustis, J. P., Manufacturing Company. (See Keefe, Thomas M., assignor.)
- Eustis, Robert I., Los Angeles, Calif. Wall case. 1,938,450; Dec. 5.
- Eustis, Warner, Newton, assignor to The Kendall Company, Walpole, Mass. Elastic fabric. 1,924,598; Aug. 29.
- Euth, John E., assignor to United Autographic Register Co., Chicago, Ill. Tear-off device. 1,903,173; Mar. 28.
- Euth, John E., Cincinnati, Ohio, assignor to United Autographic Register Co., Chicago, Ill. Strip tensioning mechanisms. 1,911,112; May 23.
- Euwer, James E., Los Angeles, Calif. Ground clamp. 1,935,085; Nov. 14.
- Euwer, Norman L. (See Schrickel, Carl T., assignor.)
- Evanoff, Nestor S., and Steve Dolchinoff, Chicago, Ill. Piston and means for connecting the connecting rod thereto. 1,898,872; Feb. 21.
- Evans, Allen S. (See Horne, Harry F., assignor.)
- Evans, Amos J., Minneapolis, Minn. Brake mechanism. 1,898,820; Feb. 21.
- Evans, Benjamin. (See Sutton, H., Sidery, and Evans.)
- Evans, Benjamin A., and W. B. Freeman, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt-making apparatus. 1,895,922; Jan. 31.
- Evans, Burd P. (See Wolfe, Charles S., assignor.)
- Evans, Cadwallader, jr., Scranton, Pa. Conveyer. 1,899,893; Feb. 28.
- Evans Case Company. (See Lagerholm, Carl J., assignor.)
- Evans Case Company. (See Lawrence, Cecil H., assignor.)
- Evans Case Company. (See Reilly, Alfred F., assignor.)
- Evans, Charles M., assignor to Bartlett-Collins Company, Sapulpa, Okla. Tumbler. Des. 90,701; Sept. 19.
- Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 1,916,565; July 4.
- Evans, Clyde M., Perkins, Okla. Wind harness for electric energy. 1,923,971; Aug. 22.
- Evans, David A., Kansas City, Mo. Sacking device. 1,909,670; May 16.
- Evans, David E., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Machine for making backings for artificial teeth. 1,916,101; June 27.
- Evans, Dora B., Long Beach, Calif. Pump piston. 1,917,639; July 11.
- Evans, Dora B., Long Beach, Calif. Pump valve. 1,938,418; Dec. 5.
- Evans, Drue M. (See Beardsley, E. W., and Evans.)
- Evans, Earl R., Washington, D. C. Protective apparatus for electrical systems. 1,908,835; May 16.
- Evans, Earl R., Washington, D. C. Control apparatus. 1,914,350; June 13.
- Evans, Earl R., Washington, D. C. Electrical switch. 1,914,493; June 20.
- Evans, Earle W., Linden, N. J., assignor to Standard Oil Development Company. Temperature control in lubricating oil systems. 1,904,429; Apr. 18.
- Evans, Edwin R. (See Rockwell, E. A., and Evans.)
- Evans, Edwin R., Chicago, Ill. Vehicle brake mechanism. 1,898,434; Feb. 21.
- Evans, Edwin R., Chicago, Ill. Brake. 1,908,013; May 9.
- Evans, Edwin R., Chicago, Ill. Axle assembly. 1,908,835; May 9.
- Evans, Edwin R., Chicago, Ill. Boot for brakes. 1,912,831; June 6.
- Evans, Edwin R., Chicago, Ill. Brake linkage. 1,915,598; June 27.
- Evans, Edwin R., Chicago, Ill. Brake construction. 1,919,882; July 25.
- Evans, Edwin R., Chicago, Ill. Brake construction. 1,924,112; Aug. 29.
- Evans, Edwin R., Chicago, Ill. Brake shoe. 1,924,113; Aug. 29.
- Evans, Edwin R., Chicago, Ill. Making brake shoes. 1,924,114; Aug. 29.
- Evans, Edwin R., Chicago, Ill. Brake operating linkage. 1,925,727; Sept. 5.
- Evans, Edwin R., Chicago, Ill. Brake linkage. 1,927,632; Sept. 19.
- Evans, Edwin R., Chicago, Ill. Relay for brake rigging. 1,930,674; Oct. 17.

- Evans, Edwin R., Chicago, Ill. Brake construction. 1,930,675; Oct. 17.
- Evans, Edwin R., Chicago, Ill. Cable-operated brake. 1,936,191; Nov. 21.
- Evans, Edwin R., Detroit, Mich. Brake construction. 1,900,546; Mar. 7.
- Evans, Edwin W., South Fort Mitchell, Ky. Golf practice apparatus. 1,931,841; Oct. 24.
- Evans Elevator Equalizer Company. (See Evans, Joseph E., assignor.)
- Evans Elevator Equalizer Company. (See Frost, William P., assignor.)
- Evans Flexible Reamer Corporation. (See Evans, William H., assignor.)
- Evans, Franklin P., Caryville, Fla. Mail box. 1,929,734; Oct. 10.
- Evans, Frederick A. A., London, England. Apparatus for playing race games. 1,893,541; Jan. 10.
- Evans, Galen, Shelton, Nebr. Pump. 1,929,813; Oct. 10.
- Evans, George D., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Furnace lining. 1,906,557; May 2.
- Evans, George S., Bronxville, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Purification of copper. 1,921,180; Aug. 8.
- Evans, George S., Bronxville, assignor to The Mathieson Alkali Works, New York, N. Y. Melting nonferrous metals. 1,921,868; Aug. 8.
- Evans, George V., assignor to Brushaway Products, Incorporated, Cleveland, Ohio. Cleaning brush. 1,904,041; Apr. 18.
- Evans, Harold, Niagara Falls, Ontario, Canada, assignor to Pollard Machinery Company, Niagara Falls, N. Y. Stone cutting machine. 1,902,279; Mar. 21.
- Evans, Harold A., assignor to Parco Specialty Co., Lynn, Mass. Ornamental ribbon and making the same. 1,900,900; Mar. 14.
- Evans, Harry H., assignor to Adjusta Company, New York, N. Y. Buckle setting device. 1,896,666; Feb. 7.
- Evans, James, jr., administrator. (See Horne, Harry F.)
- Evans, Jesse T., Columbus, Ohio. Hair curling apparatus. 1,927,261; Sept. 19.
- Evans, Joseph E., assignor to Evans Elevator Equalizer Company, Bedford, Ind. Device for equalizing strains on hoisting ropes. 1,940,249; Dec. 19.
- Evans, Joseph T. (See Mickelsen, C. H., and Evans.)
- Evans, Joshua D., Berkeley, Calif. Washing machine. 1,931,721; Oct. 24.
- Evans, Kelley D., assignor of one-half to C. E. Hooven, Hamilton, Ohio. Perforated record sheet. 1,896,542; Feb. 7.
- Evans, Leigh R., assignor to Morrison Machine Products, Inc., Elmira, N. Y. Gripping face for chucks and making the same. 1,900,922; Mar. 14.
- Evans, Leo E., Waterloo, Iowa. Baggage. 1,930,043; Oct. 10.
- Evans, Leonard T., Indianapolis, Ind. Cleaning oil. 1,936,901; Nov. 28.
- Evans, Llewellyn W., Richmond, assignor to Paragon Metal Container Company, Contra Costa County, Calif. Barrel closure. 1,907,528; May 9.
- Evans, Llewellyn W., Richmond, assignor to Paragon Metal Container Company, Contra Costa County, Calif. Cover for barrels or the like. 1,927,657; Sept. 19.
- Evans, Louis M., deceased, Alexandria, Va., and G. A. Graham, Fort Monmouth, N. J.; Citizens National Bank and M. E. Evans, executors of said L. M. Evans. Film cutting and feed control mechanism. 1,908,014; May 9.
- Evans, Mary E., et al., executors. (See Evans, L. M., and Graham.)
- Evans, Merrill A., Wharton, W. Va. Machine for handling coal and other loose material in mines. 1,917,514; July 11.
- Evans, Merwin W., Holland Patent, N. Y. Helicopter. 1,906,143; Apr. 25.
- Evans, Norris S., Petrolia, and C. H. Alsberg, Franklin, Pa., assignors to L. Sonneborn Sons, Inc. Furnace for conditioning adsorbent materials. 1,939,678; Dec. 19.
- Evans, Porter H., Brooklyn, N. Y., and J. W. Greig, Clifton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio direction finding. 1,933,248; Oct. 31.
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Permanently waving hair. 1,894,032; Jan. 10.
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Permanently waving hair. 1,907,052; May 2.
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Method of and means for permanently waving hair. 1,919,690; July 25.
- Evans, Ralph L., assignor to Zotos Corporation, New York, N. Y. Hair waving apparatus. 1,927,544; Sept. 19.
- Evans, Ralph L., New York, N. Y., and F. M. Winkel, Philipsburg, Pa., assignors to Zotos Corporation, New York, N. Y. Hair waving apparatus. 1,925,527; Sept. 5.
- Evans, Raymond A. (See Smith, William P., assignor.)
- Evans, Richard, Highland Park, Ill. Molding rubber stamps and the like. 1,897,893; Feb. 14.
- Evans, Richard, Highland Park, Ill. Affixing identification labels to rubber stamps. 1,909,257; May 16.
- Evans, Richard J., assignor to Asbestos Manufacturing Company, Huntington, Ind. Brake lining rack. 1,927,976; Sept. 26.
- Evans, Robert D. (See Fortescue, C. Le G., and Evans.)
- Evans, Robert D. (See Griscom, S. B., and Evans.)
- Evans, Robert D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective system. 1,896,773; Feb. 7.
- Evans, Robert D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective system. 1,935,289; Nov. 14.
- Evans, Robert D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,935,290; Nov. 14.
- Evans, Robert D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phase-sequence wattmeter system. 1,939,044; Dec. 12.
- Evans, Robert D., Swissvale, C. L. Fortescue, Pittsburgh, Pa., L. N. Crichton, East Orange, N. J., J. B. MacNeill, Wilkensburg, and S. B. Griscom and C. F. Wagner, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. Stable power system with high-speed breakers and relays. 1,899,613; Feb. 28.
- Evans, Robley D., assignor to C. F. Braun & Co., Inc., Alhambra, Calif. Spray nozzle. 1,931,689; Oct. 24.
- Evans, Rollo E., Emporia, Kans. Windshield heater. 1,917,023; July 4.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Indexing device for welders. 1,922,424; Aug. 15.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Device for registering and feeding objects to a magazine. 1,922,425; Aug. 15.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Plunger construction. 1,932,451; Oct. 31.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Flow regulator for plunger lift devices. 1,932,452; Oct. 31.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Swab plunger for pneumatically operated pumps. 1,932,453; Oct. 31.
- Evans, Seth, and John A. Herrington, assignors to Hughes Tool Company, Houston, Tex. Angle tooth cutter. 1,896,295; Feb. 7.
- Evans, Silas E., Bristow, Okla., assignor to Standard Oil Development Company, Cross T. 1,911,819; May 30.
- Evans Stamping and Plating Company. (See Ware, Walter C., assignor.)
- Evans, Sylvester M., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Manufacturing vulcanized rubber and products obtained thereby. 1,902,398; Mar. 21.
- Evans, Thomas A. (See Hamilton, W. B., and Evans.)
- Evans, William E., assignor to The Waterbury Lock & Specialty Company, Waterbury, Conn. Latch for vanity cases, cigarette cases, and the like. 1,935,626; Nov. 21.
- Evans, William F., South Bend, Ind., assignor, by mesne assignments, to Bendix Aviation Corporation, New York, N. Y. Drum truing machine. 1,902,629; Mar. 21.
- Evans, William H., assignor to Evans Flexible Reamer Corporation, Chicago, Ill. Expansion reamer. 1,902,062; Mar. 21.
- Evans, William L., Washington, Ind. Electric fluid heater. 1,906,144; Apr. 25.
- Evans, William L., Washington, Ind. Electric fluid heater. 1,906,145; Apr. 25.
- Evans, William L., Washington, Ind. Electric water heater. 1,920,685; Aug. 1.
- Evans, Wilmot R., trustee. (See Wolfe, Walter G., assignor.)
- Evans, Wilson, assignor to National Aluminate Corporation, Chicago, Ill. Treating liquids. 1,930,792; Oct. 17.
- Even, Gregoire L., Detroit, Mich. assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Automatic brake for trailers. 1,936,832; Nov. 28.
- Evening American Publishing Company. (See Black, H., Holmes, and Hesse, assignors.)
- Eveno, Georges, Paris, France, assignor to Isothermos Corporation of America, New York, N. Y. Axle box. 1,908,739; May 16.
- Evenson, Arthur M., Spring Grove, Minn. Corn removing attachment. 1,900,806; Mar. 7.
- Evenson, Charles R., et al. (See Warren, John R., assignor.)
- Everaert, Pierre, Courtrai, Belgium. Preserving eggs. 1,929,735; Oct. 10.
- Everedy Company, The. (See Lebberz, Harry J., assignor.)
- Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 1,922,762; Aug. 15.
- Everett, Charles E., Racine, Wis., and C. H. Taylor, Chicago, Ill., assignors to The Massey-Harris Company, Racine, Wis. Corn harvester. 1,940,851; Dec. 26.
- Everett, Charles E., and R. E. Smith, assignors to The Massey-Harris Company, Racine, Wis. Cultivator attachment for tractors. 1,898,353; Feb. 21.
- Everett, Claud H., Lancaster Gate, London, England, assignor of one-half to Geo. R. Carr, Chicago, Ill. Storage battery. 1,907,766; May 9.
- Everett, Edward A., Long Island City, N. Y. Electric device. 1,896,813; Feb. 7.
- Everett, Edward A., Long Island City, N. Y. Lightning arrester. 1,939,679; Dec. 19.
- Everett, Henry C., jr., Boston, Mass., and C. L. Migliaccio, Cranston, R. I., assignors to Old Colony Distributing Company, Boston, Mass. Container for shaving cream, toothpaste, and the like. 1,924,205; Aug. 29.
- Everett, Jones, Machine Company. (See Hearle, L. B., and Hudson, assignors.)

- Overhard, Edgar P., assignor to Freyn Engineering Company, Chicago, Ill. Bell for blast furnaces. 1,927,490; Sept. 19.
- Everhart, Audley F., Dunlo, Pa. Sand-pipe cleaning mechanism. 1,931,722; Oct. 24.
- Everhart, Charles O., and R. L. Sanford, Girard, Ohio. Cigarette and cigar extinguisher. 1,931,068; Oct. 17.
- Everhot Electric & Mfg. Co. (See Fogwell, Harrison H., assignor.)
- Everhot Manufacturing Company. (See Flothow, Alfred C., assignor.)
- Everitt, Byron F. (See Ross, F. N., and Everitt.)
- Everitt, George E., Decatur, Ga. Display stand and shipping case. 1,900,983; Mar. 14.
- Everlastik Incorporated. (See Howard, Albert S., assignor.)
- Everlasting Valve Company. (See Wilson, Wylie G., assignor.)
- Everline, Harry F., Philadelphia, Pa., assignor to Supreme Council Order of the Amaranth, Brooklyn, N. Y. Lodge finger ring. Des. 91,105; Nov. 28.
- Evernam, Howard S. (See Harlow, W. L., and Evernam.)
- Ever-Ready Coal Burner Company. (See Coleman, B., and Hendershott, assignors.)
- Ever-Ready Coal Burner Company. (See Hendershott, Silas J., assignor.)
- Evers, George C., Spokane, Wash. Milk filtering apparatus. 1,893,735; Jan. 10.
- Evers, Harry G. (See Wicks, J., and Evers.)
- Eversharp Lawnmower Company. (See Gratiot, Chester A., assignor.)
- Evershed Vignoles, Limited. (See Midworth, Cyril, assignor.)
- Evershed & Vignoles Limited. (See Rolfe, George B., assignor.)
- Eversole, W. L., et al. (See Jenkins, Wardie J., assignor.)
- Everson, August A., Davenport, Iowa. Support for human bodies. 1,934,918; Nov. 14.
- Everson Company, The. (See Everson, William, assignor.)
- Everson, Frank T., Manoa, assignor to The American Pulley Company, Philadelphia, Pa. Grooved pulley. 1,925,046; Aug. 29.
- Everson, William, Alma, Nebr., assignor to The Everson Company, Fort Collins, Colo. Seeding machine. 1,934,298; Nov. 7.
- Everstam, Edit A., née Ericsson. (See Everstam, Johan G. and E. A.)
- Everstam, Johan G., and E. A. Everstam, née Ericsson, assignors to Aktiebolaget Svenska Stötdämparefabriken, Stockholm, Sweden. Hydraulic shock absorber. 1,923,031; Aug. 15.
- Evertite Locknuts Limited. (See Garrard, Charles G., assignor.)
- Everts, Floyd A., Detroit, Mich. Tool holder. 1,904,042; Apr. 18.
- Evinrude, Ole, assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor drive shaft housing assembly. 1,892,981; Jan. 3.
- Evkhanian, Manoug H. (See Pampaian, J. H., and Evkhanian.)
- Evon, Louis C., Detroit, Mich. Bimetal piston. 1,917,706; July 11.
- Evr-Klean Seat Pad Company. (See Witteoff, Edward, assignor.)
- Ewald, Harry, assignor to Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft, Brunswick, Germany. Calculating machines. 1,936,011; Nov. 21.
- Ewald, Warren, Ardley, assignor, by mesne assignments, to John J. Nesbitt, Inc., Holmesburg, Philadelphia, Pa. Fire protection mechanism for heating and ventilating units. 1,898,821; Feb. 21.
- Ewald, Warren, assignor, by mesne assignments, to Buckeye Blower Company, Columbus, Ohio. Heating and ventilating apparatus. 1,904,918; Apr. 18.
- Ewald, Warren, assignor, by mesne assignments, to Buckeye Blower Company, Columbus, Ohio. Heating and ventilating apparatus. 1,914,712; June 20.
- Ewald, Warren, Ardley, assignor, by mesne assignments, to John J. Nesbitt, Inc., Holmesburg-Philadelphia, Pa. Automatic fire protection damper. 1,919,625; July 25.
- Ewald, Wolfgang F., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Making coils possessing accurate inductance. 1,921,869; Aug. 8.
- Ewaldson, Waldemar C. (See Tornberg, H. T., and Ewaldson.)
- Ewart, Hubert E., Mount Lebanon, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Working roll balance for a backed-up rolling mill. 1,898,007; Feb. 21.
- Ewaskowitz, John S., Sawyer, Wis. Dressmaker kit. Des. 90,756; Sept. 26.
- Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Inductance and capacity. 1,913,978; June 13.
- Ewen, Mathias, Jr., Evansville, Ind. Toy railroad. 1,931,606; Oct. 24.
- Ewerlöf, Per S., Stockholm, Sweden. Paper napkin. 1,931,022; Oct. 17.
- Ewert, Otto F., Genoa City, Wis. Making spline couplings. 1,905,277; Apr. 25.
- Ewert, Otto F., Genoa City, Wis. Hob. 1,916,259; July 4.
- Ewest, Hans. (See Pirani, M., Ewest, and Gaidies.)
- Ewest, Hans. (See Pirani, M., Ewest, and Reger.)
- Ewest, Hans. (See Skaupy, F., Ewest, and Pulfrich.)
- Ewest, Hans, Berlin, and M. Pirani, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,905,831; Apr. 25.
- Ewest, Hans, Berlin, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,915,019; June 20.
- Ewest, Hans, Berlin, and P. Herre, Fichtenau, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,930,122; Oct. 10.
- Ewest, Hans, Berlin, and M. Pirani, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Electric discharge apparatus. 1,930,123; Oct. 10.
- Ewest, Hans, Berlin-Lichterfelde, K. Wiegand, Berlin-Tempelhof, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 1,935,702; Nov. 21.
- Ewing, Charles R., Toronto, Ontario, and T. Montgomery, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Method and apparatus for distilling oil. 1,904,213; Apr. 18.
- Ewing, Charles R., Toronto, and T. Montgomery, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Method and apparatus for cracking oil. 1,919,691; July 25.
- Ewing, Fred, Oklahoma City, Okla. Steam sprayer. 1,936,591; Nov. 28.
- Ewing, Henry, and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dynamometer. 1,904,678; Apr. 18.
- Ewing, Herbert O., Middleport, Ohio. Internal combustion engine. 1,902,020; Mar. 21.
- Ewing, Herbert O., Middleport, Ohio, assignor to T. W. Field, Charleston, W. Va. Engine. 1,912,574; June 6.
- Ewing, James L., and R. R. Tobias, New Orleans, La. Feeding device for type casting machines. 1,903,904; Apr. 18.
- Ewing, Samuel C., Schenectady, N. Y., assignor to General Electric Company. Synchronous motor control system. 1,896,074; Feb. 7.
- Ewing, Stanley W., and H. A. Schwartz, Cleveland, Ohio, assignors, by mesne assignments, to Link-Belt Company, Chicago, Ill. Heat and shock resisting cast iron. 1,931,109; Oct. 17.
- Ewing, Sydney E. T., and A. L. Egan, Johannesburg, Transvaal, Union of South Africa. Retarding device for machinery. 1,903,035; Mar. 28.
- Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
- Exact Weight Scale Company, The. (See Fletcher, Edward, assignor.)
- Excel Curtain Company. (See Holt, T. W., and Axe, assignors.)
- Excel Curtain Company. (See Levan, John F., assignor.)
- Excel Magneto Co. (See Reis, Curt F., assignor.)
- Excell, Stuart W., assignor to Standard Oil Company, Chicago, Ill. Insulating wall. 1,905,832; Apr. 25.
- Ex-Cell-O Aircraft & Tool Corporation. (See Markstrum, John A., assignor.)
- Excelsion Baking Company. (See Lee, Melville R., assignor.)
- Exelmans, Maurice, Paris, France, assignor to Holophane Company, Inc., New York, N. Y. Lighting appliance. 1,916,169; June 27.
- Exelmans, Maurice, Paris, France, assignor to Holophane Company, Inc., New York, N. Y. Lighting apparatus. 1,929,020; Oct. 3.
- Exelmans, Maurice, Paris, France, assignor to Holophane Company, Inc., New York, N. Y. Lighting apparatus employing rectilinear light sources. 1,941,079; Dec. 26.
- Exeter Brass Works. (See Cobb, Arthur T., assignor.)
- Exhibit Supply Co. (See Kirk, Claude R., assignor.)
- Exner, Louis F., Niles, Mich. Window. 1,921,074; Aug. 8.
- Exolon Company, The. (See Johnson, Fred R., assignor.)
- Exter, Julian E., assignor of one-half to E. C. Wells, Kansas City, Mo. Tufting machine. 1,937,947; Dec. 5.
- Extrom, Victor E. (See Miller, P. J. N., and Extrom.)
- Eyerly, Lee U., Salem, Oreg. Orientator. 1,925,180; Sept. 5.
- Eyer, Frank A., assignor of one-third to C. A. Clouser, Harrisburg, Pa. Static eliminator and printed sheet floating device. 1,940,536; Dec. 19.
- Eyles, Harry, Chicago, Ill. Spinning game. 1,892,664; Jan. 3.
- Eynon, Thomas M., Philadelphia, Pa. Gauge. 1,928,620; Oct. 3.
- Eyre, Harry G. (See Huthsing, C. K., and Eyre, assignor.)
- Eyring, Adolf G., Pittsburgh, Pa. Combined window ventilator and sash fastener. 1,903,782; Apr. 18.
- Eyston, George E. T., assignor to Powerplus (1927) Limited, London, England. Rotary pump machine. 1,897,190; Feb. 14.
- Eyston, George E. T., assignor to Powerplus (1927) Limited, London, England. Rotary pump machine. 1,922,797; Aug. 15.
- F. A. B. Manufacturing Company. (See Ainsworth, Howard D., assignor.)
- F. C. Metal Processes Limited. (See Cowper-Coles, Sherard O., assignor.)
- F. and H. Manufacturing Company. (See Havlis, Adolph J., assignor.)

- F. & N. Lawn Mower Company, The. (See Kenyon, M. G., and Kluter, assignors.)
- Faas, Walter, Newark, N. J., assignor to Radio Corporation of America. Automatic radio station selector. 1,928,200; Sept. 26.
- Fabbrica Italiana Magneti Marelli Società Anonima. (See Fossati, Giuseppe, assignor.)
- Faben, Charles R., assignor to H. G. Jennison, Toledo, Ohio. Apparatus for distillation of carbonaceous liquids. 1,907,767; May 9.
- Faben, Charles R., assignor to H. G. Jennison, Toledo, Ohio. Production of activated carbon. 1,925,438; Sept. 5.
- Faber, Anthony J., assignor to The Devereaux Corporation, Detroit, Mich. Latch mechanism. 1,940,537; Dec. 19.
- Faber, Guy S. (See Wilde, Frederick H., assignor.)
- Faber, Guy S., assignor to Churchill Cabinet Company, Chicago, Ill. Telephone booth. 1,929,776; Oct. 10.
- Faber, Henry B., New York, N. Y., and L. L. Driggs, jr., Tippecanoe City, Ohio. Aerial toy. Rel. 9,022; Dec. 12.
- Faber, William F., Newark, assignor to V. N. Roadstrum, West Orange, N. J. Reforming of natural gases. 1,918,254; July 18.
- Faber, William F., Newark, assignor to V. N. Roadstrum, West Orange, N. J. Reforming of natural gases. 1,918,255; July 18.
- Fabiano, Michele, Somerville, Mass. Cutting machine. 1,940,121; Dec. 19.
- Fabreka Belting Co., Inc. (See Reynolds, Reginald, assignor.)
- Fabrey, William H., assignor to Weber Electric Company, Schenectady, N. Y. Lamp socket and mounting therefor. 1,925,439; Sept. 5.
- Fabrey, William H., assignor to Weber Electric Company, Schenectady, N. Y. Electric lamp socket and support therefor. 1,925,440; Sept. 5.
- Fabbrica Italiana Magneti Marelli, Società Anonima. (See de Monge, Gérard, assignor.)
- Fabrice, Edward H., Chicago, Ill. Bottle. Des. 89,632; Apr. 18.
- Fabricord, Inc. (See Gardner, Frederick P., assignor.)
- Fabrik Elektrothermischer Apparate A. G. Luzern. (See Schwander, Max, assignor.)
- Fabrik explosionssicherer Gefässe Salzkotten G. m. b. H. (See Hurlbrink, Ernst, assignor.)
- Fabrik explosionssicherer Gefässe Salzkotten G. m. b. H. (See Hurlbrink, E., and Kirchhoff, assignors.)
- Fabrizio, Achille, Havre de Grace, Md. Multiple shot aerial salute. 1,922,156; Aug. 15.
- Fabyan, George. (See Eisenhour, Bert E., assignor.)
- Factor, Max, & Co. (See Firestein, Max, assignor.)
- Fafnir Bearing Company, The. (See Bechert, Fred J., assignor.)
- Fafnir Bearing Company, The. (See Betz, William C., assignor.)
- Fafnir Bearing Company, The. (See Chamberlain, James R., assignor.)
- Fafnir Bearing Company, The. (See Leister, Fayette, assignor.)
- Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
- Fafnir Bearing Company, The. (See Searles, R. R., and Reynolds, assignors.)
- Fafnir Bearing Company, The. (See Searles, R. R., and Smith, assignors.)
- Fagan, Charles D., Sharon, and R. W. Swank, assignors to Sharpville Boiler Works Co., Sharpville, Pa. Flow indicator. 1,904,283; Apr. 18.
- Fagan, Charles D., Sharon, and R. W. Swank, assignors to Sharpville Boiler Works Co., Sharpville, Pa. Pump. 1,904,284; Apr. 18.
- Fagan, Charles D., and T. C. Ehrlich, Sharon, and R. W. Swank, assignors to Sharpville Boiler Works Co., Sharpville, Pa. Liquid dispensing device. 1,934,050; Nov. 7.
- Fagan, George F., Pueblo, Colo. Automotive tool. 1,903,755; Apr. 18.
- Fagan, James M., Maplewood, N. J., assignor to Westinghouse Lamp Company. Device for high frequency induction heating. 1,904,214; Apr. 18.
- Fagan, James M., Maplewood, N. J., assignor to Westinghouse Lamp Company. Mechanical vacuum leak detector. 1,933,322; Oct. 31.
- Fagan, James M., Maplewood, N. J., assignor to Westinghouse Lamp Company. Making mercury switches. 1,933,323; Oct. 31.
- Fagan, Lewis E., Chicago, Ill., assignor to Mojonner Bros. Co. Vacuum type filling machine. 1,929,756; Oct. 10.
- Fagan, Richard C., assignor to The Russell Manufacturing Company, Middletown, Conn. Woven elastic webbing. Des. 89,749; May 2.
- Fagan, Thomas A., Denver, Colo. Conservation valve. 1,905,625; Apr. 25.
- Fagelston, Isaac, London, England. Apparatus for gas analysis. 1,922,939; Aug. 15.
- Fageol, Frank R. and W. B., assignors to Twin Coach Company, Kent, Ohio. Eight wheel rail car. 1,916,469; July 4.
- Fageol, Frank R. and W. B., assignors to Twin Coach Company, Kent, Ohio. Railway rolling stock. 1,916,470; July 4.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Bevel gear through drive. 1,907,179; May 2.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Multiwheel road vehicles. 1,913,799; June 13.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Multiwheel road vehicle. 1,924,984; Aug. 29.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Traction regulating means for multiwheel road vehicles. 1,926,273; Sept. 12.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Multiwheel vehicle of the tandem axle type. 1,926,274; Sept. 12.
- Fageol, Rollie B., Los Angeles, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Device for interconnecting axles and spring suspension. 1,936,834; Nov. 28.
- Fageol, Rollie B., Oakland, assignor to Eight Wheel Motor Vehicle Company, San Francisco, Calif. Tandem axle drive. 1,933,667; Nov. 7.
- Fageol, Rollie B., Los Angeles, and W. E. Leibing, Sausalito, Calif. Sealing device. 1,931,723; Oct. 24.
- Fageol, Rollie B., Los Angeles, and W. E. Leibing, Sausalito, Calif. Sealing device. 1,931,724; Oct. 24.
- Fageol, William B. (See Fageol, Frank R. and W. B.)
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Universal joint. 1,932,400; Oct. 31.
- Fager, Albert H., assignor to Fager Hydraulic Hoist & Body Company, Los Angeles, Calif. Dump truck and trailer construction. 1,915,883; June 27.
- Fager Hydraulic Hoist & Body Company. (See Fager, Albert H., assignor.)
- Fagerholm Calculators, Limited. (See Fagerholm, Per E., assignor.)
- Fagerholm, Per E., Stockholm, Sweden, assignor to Fagerholm Calculators, Limited, London, England. Bomb sight. 1,893,542; Jan. 10.
- Fahrenwald, Frank A., Chicago, Ill. Chain link and integral head articulating pintle. 1,899,948; Mar. 7.
- Fahrenwald, Frank A., Chicago, Ill. Electric furnace. 1,901,499; Mar. 14.
- Fahrenwald, Frank A., Chicago, Ill. Furnace. 1,923,815; Aug. 22.
- Fahrenwald, Frank A., Chicago, Ill. Apparatus for heat treating ferrous metal. 1,927,633; Sept. 19.
- Fahrenwald, Frank A., Chicago, Ill. Furnace. 1,927,634; Sept. 19.
- Fahrenwald, Frank A., Chicago, Ill., assignor to Southern Wheel Company, New York, N. Y. Car wheel and making same. 1,908,740; May 16.
- Fahrenwald, Frank A., Chicago, Ill., assignor to Southern Wheel Company, New York, N. Y. Car wheel and making same. 1,908,741; May 16.
- Fahrenwald, Frank A., Chicago, Ill., assignor to Southern Wheel Company, New York, N. Y. Car wheel. 1,915,157; June 20.
- Fahrenwald, Frank A., Chicago, Ill., assignor to Southern Wheel Company, New York, N. Y. Car wheel. 1,915,158; June 20.
- Fahrlander, Erwin, Pforzheim, Germany. Salt bath for annealing metal articles. 1,906,455; May 2.
- Fahrney, Emery H., Chicago, Ill. Lubricating means for high pressure pump pistons. 1,899,949; Mar. 7.
- Fahrney, Emery H., Chicago, Ill. Glass tube cutter. 1,922,426; Aug. 15.
- Faifer, William R. and T. R. Harvey, Vinita, Okla. Tobacco pipe. 1,939,545; Dec. 12.
- Faigle, Carl. (See Faigle, Friedrich and C.)
- Faigle, Friedrich and C. Hard, near Bregenz, Austria. Apparatus for the multiple or multicolor dyeing of hanks of yarn. 1,902,358; Mar. 21.
- Failing, George E. (See Chambers, Ira L., assignor.)
- Faillers, John, Oakland, Calif. Food cutter. 1,931,982; Oct. 24.
- Fair, Frank. (See Morgen, R. A., and Fair.)
- Fairall, Harry K., assignor, by mesne assignments, to Multicolor Ltd., Los Angeles, Calif. Motion picture camera. 1,897,368; Feb. 14.
- Fairall, Harry K., and W. T. Crespinel, assignors, by mesne assignments, to Multicolor Ltd., Los Angeles, Calif. Producing a color positive for use in a colored motion picture. 1,897,369; Feb. 14.
- Fairbairn, George C. (See Hall, F. W., and Fairbairn.)
- Fairbairn, Walter M. (See Johnson, A. M., and Fairbairn.)
- Fairbairn, Walter M., assignor to Barnes Drill Company, Rockford, Ill. Machine tool. 1,917,831; July 11.
- Fairbairn, Walter M., and F. M. Hanna, assignors to Barnes Drill Company, Rockford, Ill. Feed tripping mechanism for drilling machines. 1,929,814; Oct. 10.
- Fairbank, Roswell L., Utica, assignor of one-half to P. Rahn, Whitesboro, N. Y. Coupling. 1,919,780; July 25.
- Fairbanks, Clarence T., assignor to Edwards & Deutsch Lithographing Company, Chicago, Ill. Display holder. 1,922,476; Aug. 15.
- Fairbanks, E. and T., and Company. (See Bousfield, Alfred, assignor.)
- Fairbanks, E. and T., and Company. (See Burrows, Ernest E., assignor.)
- Fairbanks, E. and T., and Company. (See Hadley, Harlan A., assignor.)

- Fairbanks, Edwin B., Coldwater, assignor to General Railway Signal Company, Rochester, N. Y. Terminal mounting means for electrical conductors. 1,936,296; Nov. 21.
- Fairbanks, Elbert E., Long Beach, Calif. Cable or strand guiding mechanism. 1,917,640; July 11.
- Fairbanks, George A. (See Valentine, C. W., Ottersland, and Fairbanks.)
- Fairbanks, Morse & Co. (See Adams, Edward T., assignor.)
- Fairbanks, Morse & Co. (See Dehn, William C., assignor.)
- Fairbanks, Morse & Co. (See Goldberg, Morris J., assignor.)
- Fairbanks, Morse & Co. (See Goldberg, M. J., and Teufel, assignors.)
- Fairbanks, Morse & Co. (See Gross, Charles, assignor.)
- Fairbanks, Morse & Co. (See Harstick, William H., assignor.)
- Fairbanks, Morse & Co. (See Hobart, Franklin G., assignor.)
- Fairbanks, Morse & Co. (See Jahake, Charles B., assignor.)
- Fairbanks, Morse & Co. (See Oetzel, George, assignor.)
- Fairbanks, Morse & Company. (See Reis, Curt F., assignor.)
- Fairbanks, Morse & Co. (See Rosner, Adolph, assignor.)
- Fairbanks, Morse & Co. (See Wetterstad, Bjorne C., assignor.)
- Fairbanks, Morse & Co. (See Yost, Lloyd, assignor.)
- Fairchild Aerial Surveys, Inc. (See Corlett, Edwin H., assignor.)
- Fairchild, Alice M., assignor, by mesne assignments, to The Mantle Lamp Company of America, Chicago, Ill. Ceramic catalyzer. 1,902,630; Mar. 21.
- Fairchild, Charles N., Milford, Conn., assignor to Fairchild Lock Corporation. Ignition control lock. 1,922,574; Aug. 15.
- Fairchild, Charles O., and R. M. Wilhelm, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Hydrometer. 1,935,703; Nov. 21.
- Fairchild, Frank B., Summit, N. J., assignor to American Telephone and Telegraph Company. System for measuring transmission at various frequencies. 1,914,414; June 20.
- Fairchild, Herbert D., Yelm, Wash. Toilet paper rack. 1,917,641; July 11.
- Fairchild Lock Corporation. (See Fairchild, Charles N., assignor.)
- Fairchild, Oscar H., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,900,174; Mar. 7.
- Fairchild, William, Albany, N. Y. Baked edible container. 1,936,835; Nov. 28.
- Fairchild, William, assignor to A. P. W. Paper Company, Inc., Albany, N. Y. Apparatus for dispensing sheet materials. 1,932,926; Oct. 31.
- Fairchild, William, assignor to A. P. W. Paper Co. Inc., Albany, N. Y. Tube cutting machine. 1,934,660; Nov. 7.
- Fairclough, Edward. (See Wells, L. B., and Fairclough.)
- Fairfax, Howard G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,907,644; May 9.
- Faire, N. Ralph, New York, N. Y. Tile bar. Des. 91,106; Nov. 28.
- Fairey Aviation Company Limited, The. (See Forsyth, Archibald G., assignor.)
- Fairfield Engineering Company, The. (See Walker, Henry B., assignor.)
- Fairfield Specialties Corporation. (See Hoban, Fairfield W., assignor.)
- Fairgrieve, Archibald, Toronto, Ontario, Canada. Washing machine. 1,899,459; Feb. 28.
- Fairhurst, John T., New York, N. Y. Wardrobe. 1,911,225; May 30.
- Fairhurst, John T., Forest Hills, N. Y. Folding partition. 1,934,299; Nov. 7.
- Fairlie, Andrew M. (See Barton, Edward H. R., assignor.)
- Fairlie, Andrew M., Atlanta, Ga. Manufacture of sulphuric acid. 1,912,832; June 6.
- Fairlie, Andrew M., Atlanta, Ga. Separating nitrogen oxides from a gas mixture containing the same. 1,912,833; June 6.
- Fairmount Tool and Forging Company, The. (See Kroecker, Jacob J., assignor.)
- Fairweather, David A. W., Falkirk, and J. Thomas, Polmont, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of sulphuric esters of anthrahydroquinones. 1,904,721; Apr. 18.
- Fairweather, David A. W., and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Production of dyestuffs and intermediates. 1,924,774; Aug. 29.
- Fairweather, David A. W., and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Production of sulphuric esters of anthrahydroquinone and its derivatives. 1,929,866; Oct. 10.
- Fairweather, David A. W., and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Disulphuric ester of dihydro-3,3'-dichlor-dianthraquinone-1,2,2'-dihydroazine. 1,936,474; Nov. 21.
- Faith Mfg. Co. (See Klassrörner, Samuel, assignor.)
- Falk, Knut, and J. E. Goodale, Flushing, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Supervisory control system. 1,912,935; June 6.
- Falcone, Peter, and R. E. Winton, San Jose, Calif. Hair waving clamp. 1,904,979; Apr. 18.
- Falconer, Stuart A. (See Christmann, L. J., and Falconer.)
- Faldini, Mario, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of rubber substitutes and products derived therefrom. 1,920,298; Aug. 1.
- Faldini, Mario, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of rubber and the like. 1,938,011; Dec. 5.
- Falek, Oskar. (See Wallis, T., and Falek.)
- Faley, Garnet, administratrix. (See Faley, Lloyd T.)
- Faley, Lloyd T., deceased, Hermosa Beach; Garnet Faley, administratrix, assignor of one-half to A. F. Larrabee, Los Angeles, Calif. Sanding-in armature brushes for generators, motors, motor-generators, or starters and the like. 1,903,101; Mar. 28.
- Falge, Robert N., assignor to General Motors Research Corporation, Detroit, Mich. Method and system of illumination. 1,924,714; Aug. 29.
- Falge, Robert N., and A. R. Lewellen, Detroit, Mich., and C. A. Michel, Anderson, Ind. Stop and tail lamp. 1,896,887; Feb. 7.
- Falge, Robert N., Birmingham, and C. E. Godley, Ypsilanti, Mich. Rear view mirror holder. 1,909,526; May 16.
- Falge, Robert N., Detroit, and C. E. Godley, Ypsilanti, assignors to General Motors Research Corporation, Detroit, Mich. Incandescent lamp. 1,913,196; June 6.
- Falge, Robert N., Detroit, and C. E. Godley, Ypsilanti, Mich., assignors, by mesne assignments, to Guide Lamp Corporation, Anderson, Ind. Automobile headlamp. 1,929,111; Oct. 3.
- Falk Corporation, The. (See Bibby, James, assignor.)
- Falk Corporation, The. (See Ledeen, Hyman, assignor.)
- Falk Corporation, The. (See Schmitter, Walter F., assignor.)
- Falk, Erwin H., and I. M. Davis, Davenport, Iowa, said Davis assignor to said Falk. Mattress handle and making same. 1,931,578; Oct. 24.
- Falk, Frank A., Stacyville, Iowa, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,905,554; Apr. 25.
- Falk, Frank A., Stacyville, Iowa, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,905,555; Apr. 25.
- Falk, Frank A., Stacyville, Iowa, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,933,898; Nov. 7.
- Falk, Matthew J., assignor to Bufo Laboratories, Milwaukee, Wis. Toothbrush. Des. 90,106; June 13.
- Falk, Morris, Fitchburg, Mass. Bar holding device for locks. 1,908,701; May 16.
- Falk, Morris, Fitchburg, Mass. Lock. 1,922,889; Aug. 15.
- Falk, Morris, Fitchburg, Mass. Lock. 1,937,425; Nov. 28.
- Falk, Rudolph D., Peoria, Ill. Building material. 1,905,553; Apr. 25.
- Falkenberg, Johan C., Paris, France. Liquefying chlorine. 1,913,628; June 13.
- Falkendorf, Henry, Los Angeles, Calif. Making frozen confections. 1,919,692; July 25.
- Falkenwalde, Oscar, assignor of one-half to R. H. Lyon, Baltimore, Md. Auxiliary gas generating means for oil burners. 1,893,403; Jan. 3.
- Falkner Cane Harvester Corporation of America. (See Falkner, Ralph S., assignor.)
- Falkner Cane Harvester Corporation. (See Falkner, R. S., and Charley, assignors.)
- Falkner, Ralph S., Melbourne, Australia. Flexible trackway. 1,931,531; Oct. 24.
- Falkner, Ralph S., Melbourne, Australia, assignor to Falkner Cane Harvester Corporation of America. Cane harvesting machinery. 1,903,335; Apr. 4.
- Falkner, Ralph S., and W. G. Charley, Melbourne, Australia, assignors to Falkner Cane Harvester Corporation of America. New York, N. Y. Cane harvesting mechanism. 1,908,966; May 16.
- Falla, Fernando, Millburn Township, Essex Co., N. J., assignor to Edge Moor Iron Company, Edge Moor, Del. Cement apparatus and operation thereof. 1,909,820; May 16.
- Fallar, James, Kitchener, Ontario, Canada, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Necktie. 1,927,584; Sept. 19.
- Fallert, Clifford D., St. Louis, Mo., assignor to Robert Gaylor Incorporated. Display stand. 1,916,471; July 4.
- Fallert, Clifford D., St. Louis, Mo., assignor to Robert Gaylor, Incorporated. Packing case. 1,927,545; Sept. 19.
- Fallert, Fritz, Bern, Switzerland. Printing press. 1,900,923; Mar. 14.
- Falley, Samuel J., Rockford, Ill. Pelt stretcher. 1,922,671; Aug. 15.
- Fallon, John. (See Smallwood, A., and Fallon.)
- Fallou, Jean, Paris, France, assignor to General Electric Company. Protecting device for electric lines. 1,935,433; Nov. 14.
- Fallon, Jean, Paris, France, assignor to General Electric Company. Fault responsive apparatus for electric systems. 1,935,439; Nov. 14.
- Fallon, Jean G., Paris, France, assignor to General Electric Co., Schenectady, N. Y. Differential protection for electric apparatus. 1,927,794; Sept. 19.

- Fallows, Leonard. (See Oxley, H. F., and Fallows.)
 Falls, Leo A., Chicago, Ill. Film winding device. 1,939,884; Dec. 19.
 Falls, William A., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 1,899,188; Feb. 28.
 Falter, Philip H., Orange, N. J., assignor to American Cyanamid Company, New York, N. Y. Apparatus for feeding catalyst. 1,935,627; Nov. 21.
 Falulah Paper Company. (See Lowe, Joseph A., assignor.)
 Falvey, John A., Detroit, Mich. Mailing device. 1,918,384; July 18.
 Falz, Paul, assignor of one-half to M. Helwig, St. Paul, Minn. Oil burner. 1,898,822; Feb. 21.
 Famous, Earl M., Upper Darby, Pa. Reversible necktie. 1,900,490; Mar. 7.
 Fancher, Clarence, Hudson Falls, N. Y. Pulp screening apparatus. 1,923,479; Aug. 22.
 Fancher, Howard M. (See Bowersox, W. E., and Fancher.)
 Fancher, Howard M., assignor to The Rochester Folding Box Co., Rochester, N. Y. Toy blackboard. 1,931,378; Oct. 17.
 Fanders, Marten, Beatrice, Nebr. Antispreed device for beds. 1,926,437; Sept. 12.
 Fanelli, Rocco. (See Bacon, R. F., and Fanelli.)
 Fanger, Herman J., Oakland, Calif. Dynamic loud speaker unit. 1,895,071; Jan. 24.
 Fanger, Herman J., Oakland, Calif., assignor of one-half to E. R. Week, jr. Dynamic loud speaker. 1,920,299; Aug. 1.
 Fankboner, Harland, Chicago, Ill., assignor to The Goss Printing Press Company. Web controlling mechanism. 1,897,504; Feb. 14.
 Fankboner, Harland, Chicago, Ill., assignor to The Goss Printing Press Company. Printing press. 1,923,925; Aug. 22.
 Fankboner, Harland, Chicago, Ill. Web-controlling mechanism. 1,940,852; Dec. 26.
 Fanner Manufacturing Company, The. (See Gibson, Samuel H., assignor.)
 Fanner Manufacturing Company, The. (See Lewis, Edward F., assignor.)
 Fanner Manufacturing Company, The. (See Magnuson, Thure J., assignor.)
 Fanner Manufacturing Company, The. (See Raible, Charles G., assignor.)
 Fanning, Walter N., Alameda, Calif. System and apparatus for assisting navigation. 1,923,430; Aug. 22.
 Fanshier, Chester O. V. (See Crosby, E. W., and Fanshier.)
 Fansteel Products Company. (See Austin, Miner M., assignor.)
 Fansteel Products Company. (See Balke, Clarence W., assignor.)
 Fansteel Products Company. (See Engle, Edgar W., assignor.)
 Fansteel Products Company. (See Hunter, Frederick L., Jr., assignor.)
 Fant, John R., Lockhart, S. C. Textile machinery. 1,907,180; May 2.
 Fanta, Ferdinand, London, England. Continuously manufacturing building bricks and the like. 1,933,051; Oct. 31.
 Fantaci, Dominic N., Elmhurst, N. Y. Windshield heater. 1,918,387; July 18.
 Fantauzzo, Joseph F. (See Batrack, E., and Fantauzzo.)
 Fante, Harry H., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Clamp. 1,934,702; Nov. 14.
 Fantz, Fred C. (See Stockham, Herbert C., assignor.)
 Fantz, Fred C., Webster Groves, Mo. Elbow. 1,926,670; Sept. 12.
 Fantz, Fred C., Webster Groves, Mo. Return bend fitting for oil stulls. 1,936,386; Nov. 21.
 Farago, Guglielmo, New York, N. Y. Combined coffee roaster, grinder, and urn. 1,896,230; Feb. 7.
 Farbenindustrie Aktiengesellschaft. (See Hofmann, F., and Michael, assignors.)
 Farbenindustrie, I. G., Aktiengesellschaft. (See Suchy, E., and Krause, assignors.)
 Farber, Louis. (See Willmott, John J., assignor.)
 Farber, S. W., Inc. (See Farber, Simon W., assignor.)
 Farber, Simon W., assignor to S. W. Farber, Inc., Brooklyn, N. Y. Receptacle for liquids. 1,901,155; Mar. 14.
 Farbridge, John R., Bensham, Gateshead-on-Tyne, England. Stove or air heating apparatus. 1,914,415; June 20.
 Fardella, Jack. (See Pisano, S., and Fardella.)
 Fargo Corporation, The. (See O'Neill, Frank, jr., assignor.)
 Fargo Corporation, The. (See O'Neill, F., jr., and Burns, assignors.)
 Faries, Anne G., Minneapolis, Minn. Holder for magazines, books, etc. 1,934,528; Nov. 7.
 Faries Manufacturing Company. (See Bostroem, August, assignor.)
 Faries Manufacturing Company. (See Flynn, James J., assignor.)
 Faries Manufacturing Company. (See Henkel, Adolph A., assignor.)
 Faries Manufacturing Company. (See Obermeyer, J., and Bostroem, assignors.)
 Faries, Robert, St. Davids, Pa. Track rail spike. 1,899,264; Feb. 28.
 Faries, Robert, St. Davids, Pa. Rail joint. 1,899,265; Feb. 28.
 Faries, Robert, St. Davids, Pa. Rail joint. 1,917,832; July 11.
 Faries, Robert, St. Davids, Pa. Rail joint. 1,924,684; Aug. 29.
 Faries, Robert, St. Davids, and F. C. Krell, Philadelphia, Pa. Antisplit iron. 1,925,238; Sept. 5.
 Faries, Robert, St. Davids, and R. H. Boyd, Philadelphia, Pa. Rail retaining member. 1,925,717; Sept. 5.
 Faries, Robert, St. Davids, and C. D. Young, Haverford, Pa. Rail retaining key. 1,926,088; Sept. 12.
 Farina, Giovanni, Turin, Italy. Explosion engine. 1,897,191; Feb. 14.
 Faris, Thomas H., Washington, D. C. Production of illusory effects. 1,917,246; July 11.
 Farkas, E. N., et al. (See Snyder, Ward H., assignor.)
 Farkas, Eugene, Brooklyn, N. Y. Photographic folding camera. 1,912,767; June 6.
 Farkas, Eugene, Brooklyn, N. Y. Photographic folding camera. 1,917,578; July 11.
 Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Vehicle shock absorber mounting. 1,898,721; Feb. 21.
 Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Overrunning clutch. 1,908,742; May 16.
 Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Brake. 1,921,287; Aug. 8.
 Farkas, Frank F., et al. (See Snyder, Ward H., assignor.)
 Farkes, Alfred J. (See Arvia, Patsy, assignor.)
 Farley, Cyrus H., Portland, Maine. Window scaffold. 1,928,124; Sept. 26.
 Farley, Francis S., Trenton, N. J., assignor to D. M. Sutherland, jr., Morrisville, Pa. Fiber board manufacture and apparatus therefor. 1,903,102; Mar. 28.
 Farley, Francis S., Trenton, N. J., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Method and machinery for the manufacture of acoustical board and the like. 1,904,235; Apr. 18.
 Farley, Francis S., Trenton, N. J., assignor to Daniel M. Sutherland, jr., Morrisville, Pa. Mold for fiber pulp and the like. 1,923,431; Aug. 22.
 Farley, George E., assignor to Service Equipment Company, South Gate, Calif. Pressure gauge. 1,933,103; Oct. 31.
 Farley, George E., assignor to Service Equipment Company, South Gate, Calif. Combined tire inflator and gauge. 1,935,181; Nov. 14.
 Farman, Henri et Maurice. (See Waseige, Charles R., assignor.)
 Farmer, Alfred L., Lynchburg, Va. Molding apparatus. 1,939,885; Dec. 19.
 Farmer, Clyde C. (See Down, S. G., and Farmer.)
 Farmer, Clyde C. (See Fralich, J. S. Y., and Farmer.)
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vacuum brake apparatus. 1,895,456; Jan. 31.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Spring tester. 1,898,529; Feb. 21.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,901,905; Mar. 21.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricating device. 1,910,599; May 23.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Snap-acting valve device. 1,919,421; July 25.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,423; July 25.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,424; July 25.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve seating device. 1,920,939; Aug. 1.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Holding slide valve to seat. 1,920,940; Aug. 1.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 1,921,609; Aug. 8.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor governor. 1,922,911; Aug. 15.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,923,141; Aug. 22.
 Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 1,927,931; Sept. 26.
 Farmer, Clyde C., Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,927,932; Sept. 26.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,935,791; Nov. 21.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve lubricating device. 1,935,792; Nov. 21.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service spring mechanism. 1,935,793; Nov. 21.

- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder protector. 1,939,845; Dec. 19.
- Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,422; July 25.
- Farmer, Dora L., and T. B. Farmer, Portland, Oreg. Cable reel for electric appliances. 1,921,288; Aug. 8.
- Farmer, Earl W., assignor to Fawcett Publications, Inc., Minneapolis, Minn. Package magazine. 1,895,616; Jan. 31.
- Farmer, John A., Lancaster, and H. A. Fichter, Pittsburgh, assignors to Armstrong Cork Company, Lancaster, Pa. Life preserver. 1,901,906; Mar. 21.
- Farmer, John H., Richmond, Ind. Lawn mower. 1,896,442; Feb. 7.
- Farmer, Paul M., Maplewood, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Time recorder. 1,930,263; Oct. 10.
- Farmer, Richard O., Seymour, Conn., assignor to Rolling Process, Inc., New York, N. Y. Rolling process and mill therefor. 1,936,592; Nov. 28.
- Farmer, Robert F., Houston, Tex. Telephone attachment. 1,894,235; Jan. 10.
- Farmer, Thomas B. (See Farmer, Dora L. and T. B.)
- Farmer, Thomas E., Kansas City, Mo. Tie loading device. 1,898,120; Feb. 21.
- Farmers Manufacturing Company. (See Steel, John B., assignor.)
- Farnam, Julian P., assignor to Page & Hill Co., Minneapolis, Minn. Wire line post. Des. 89,174; Feb. 7.
- Farnham, Paul O., Boonton, N. J., assignor to Radio Corporation of America. Dynatron receiver. 1,909,940; May 23.
- Farnham, Paul O., assignor to Radio Frequency Laboratories, Incorporated, Boonton, N. J. Carrier wave receiver. 1,910,099; May 23.
- Farnham, Paul O., assignor to Radio Frequency Laboratories, Incorporated, Boonton, N. J. Radio receiving system. 1,919,160; July 18.
- Farnham, Paul O., assignor to Radio Frequency Laboratories, Incorporated, Boonton, N. J. Dynatron circuits. 1,941,333; Dec. 26.
- Farnham, Paul O., and R. Asserson, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Audion detector circuit. 1,907,763; May 9.
- Farnsworth, Fordyce V. (See Edwards, F. W., and Farnsworth.)
- Farnsworth, Hiland R., assignor to The Paper & Textile Machinery Company, Sandusky, Ohio. Wire guide. 1,903,506; Apr. 11.
- Farnsworth, Philo T., assignor to Television Laboratories, Inc., San Francisco, Calif. Dissector target. 1,941,344; Dec. 26.
- Farquhar, A. B., Co. (See Löcher, Paul J., assignor.)
- Farquhar, Fred, Malvern, Iowa. Tool. 1,913,800; June 13.
- Farquhar, John B., assignor to Champion Corporation, Chicago, Ill. Cleaning device. 1,905,163; Apr. 25.
- Farquhar, John B., assignor to Champion Corporation, Chicago, Ill. Cleaning mitt. 1,930,044; Oct. 10.
- Farr, Alfred C., assignor to Carrie Horner, Upland, Ind. Door supporting pulley. 1,932,134; Oct. 24.
- Farr, Leon N., et al. (See Tedford, Julian P., assignor.)
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Drop center rim. 1,930,425; Oct. 10.
- Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Adjustable tie-rod connection. 1,930,676; Oct. 17.
- Farrand, Hiram A., Inc. (See Farrand, Hiram A., assignor.)
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Controlling resilient rules. 1,906,456; May 2.
- Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Controlling concavo-convex rules. 1,939,546; Dec. 12.
- Farrant, Henry J. (See Hess, E. E., and Farrant.)
- Farrar, Alvin J., Cleveland, Ohio. Automatic lubricating mechanism. 1,933,722; Nov. 7.
- Farrar, Cecil W., Buffalo, N. Y. Basin. Des. 90,757; Sept. 26.
- Farrar, Herbert J., Miami, Fla. Knee rest. 1,924,031; Aug. 22.
- Farrar, Milton D., Urbana, assignor to Standard Oil Company (Indiana), Chicago, Ill. Tree spray. 1,910,684; May 23.
- Farrar, Walter C. B., Huntington, Ind. Combined shear sharpening and corrugating device. 1,897,662; Feb. 14.
- Farrell, Archie W., deceased, assignor of one-half to E. L. Kulick, Chicago, Ill., Edward L. Kulick, administrator de bonis non, assignor of one-sixth to C. M. Farrell, individually, and two-sixths to Clara M. Farrell as guardian. Automobile lock. 1,934,919; Nov. 14.
- Farrel-Birmingham Company. (See Brewster, Henry G., assignor.)
- Farrel-Birmingham Company. (See Ducharme, D. A., and Banbury, assignors.)
- Farrel-Birmingham Company. (See Gordon, William A., assignor.)
- Farrel-Birmingham Company. (See Kuhns, Austin, assignor.)
- Farrel-Birmingham Company. (See Leahy, James F., assignor.)
- Farrel-Birmingham Company. (See Schnuck, Carl F., assignor.)
- Farrel-Birmingham Company. (See Schnuck, C. F., and Banbury, assignors.)
- Farrell, Archie W., deceased, Chicago, Ill., assignor of one-fourth to E. L. Kulick; E. L. Kulick, administrator de bonis non, assignor of one-twelfth to C. M. Farrell individually and one-sixth to C. M. Farrell as guardian and one-half to General Motors Corporation, Detroit, Mich. Automobile lock. 1,929,240; Oct. 3.
- Farrell, Asa, Oakland, Calif. Resilient mounting for bearings. 1,903,743; May 16.
- Farrell, Clara M., guardian. (See Farrell, Archie W., assignor.)
- Farrell Company, The. (See Young, Wilson T., assignor.)
- Farrell, Daniel A. (See Chinell, H., Johnson, Olsen, and Farrell.)
- Farrell, Daniel A., assignor to J. F. Jelke Company, Chicago, Ill. Food product and making same. 1,925,376; Sept. 5.
- Farrell, Ernest, Salford, England. Apparatus for applying moisture to textile materials. 1,935,022; Nov. 14.
- Farrell, Fred, assignor to Electrical Engineers Equipment Company, Elmwood Park, Ill. Electric switch. 1,918,901; July 18.
- Farrell, Frederick W., Brookfield, Mass., assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coated paper. Re18,742; Feb. 21.
- Farrell, John B., Philadelphia, Pa. Tufting machine. 1,924,715; Aug. 29.
- Farrell, John J., Villanova, Pa. Garment supporter. 1,929,840; Oct. 10.
- Farrell, John S., St. Louis, Mo. Depth measuring device. 1,913,023; June 6.
- Farrell Manufacturing Company. (See Crossen, Robert W., jr., assignor.)
- Farrell, Michael J., and L. Staffaroni, Scranton, Pa. Air brake system. 1,897,894; Feb. 14.
- Farrell, Robert J., Waynesburg, Pa. Nail. 1,921,514; Aug. 8.
- Farrell, Robert J., Waynesburg, Pa. Making wire nails. 1,921,515; Aug. 8.
- Farrelly, Patrick, San Francisco, Calif. Collar shaper. 1,900,547; Mar. 7.
- Farrington, Charles E., Phoenixville, Pa. Drum cleaning machine. 1,913,979; June 13.
- Farrington, Dr. F. B., et al. (See Long, Wilber L., assignor.)
- Farrington, Harry J., Jamaica Plain, assignor to Farrington Manufacturing Company, Boston, Mass. Eyeglass case or similar article. Des. 90,910; Oct. 24.
- Farrington, James. (See Miller, F. S., and Farrington.)
- Farrington, James B. (See Haas, James Howard, assignor.)
- Farrington, John F. (See Miller, H. P., jr., and Farrington.)
- Farrington Manufacturing Company. (See Dugdale, Richard M., assignor.)
- Farrington Manufacturing Company. (See Farrington, Harry J., assignor.)
- Farrington, Ray P., Philadelphia, Pa., assignor to Heintz Manufacturing Company. Refrigerator. 1,896,046; Jan. 31.
- Farrington, Thayer B., Pasadena, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for forming plastic strip material. 1,919,361; July 25.
- Farris, Cynthia L., St. Louis, Mo. Nail file handle. 1,897,754; Feb. 14.
- Farris, John R., Salt Lake City, Utah. Guard finger and ledger plate for mowing machines. 1,940,908; Dec. 26.
- Farup, Peder, Vettkollen, Vestre Aker, assignor to Titan Co. A/S, Fredrikstad, Norway. Dissolving titaniferous materials in acids. 1,919,425; July 25.
- Farval Corporation, The. (See Hawks, William K., assignor.)
- Farwell, Raymond H., Groton, Conn., assignor to Michell-Crankless Engines Corporation, New York, N. Y. Engine. 1,894,033; Jan. 10.
- Fascinato, Lorenzo G., Canton, Mo. Musical time indicator. 1,930,997; Oct. 17.
- Fashion Park Manufacturing Corporation. (See D'Annunzio, Harry C., assignor.)
- Fasoli, Mario, and M. Diegoli, Firenze, assignors to Società Italiana Ernesto Breda per Costruzioni Meccaniche, Milan, Italy. Valve for continuous automatic modifiable brakes. 1,938,248; Dec. 5.
- Fassett, George H., Ashtabula, Ohio. Refrigerating apparatus. 1,894,557; Jan. 17.
- Fassett, George R., Atlanta, Ga., assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Yarn cleaner. 1,897,895; Feb. 14.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lamp house for projectors. Des. 91,060; Nov. 21.
- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microtome knife guard. 1,925,181; Sept. 5.

- Fassin, Gustave, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Mounting for colorimeter plunger and the like. 1,939,547; Dec. 12.
- Fassinger, Charles, assignor to Oliver Iron & Steel Corporation, Pittsburgh, Pa. Insulator bracket and making the same. 1,897,385; Feb. 14.
- Fassler, Josef. (See Ehlert, P., and Fassler.)
- Fassler, Peter W., assignor to General Motors Corporation, Detroit, Mich. Portable welder. 1,898,873; Feb. 21.
- Fassmann, Bruno, Berlin, Germany, assignor to Addressograph Company, Chicago, Ill. Safety device for printing machines and the like. 1,893,164; Jan. 3.
- Fassmann, Bruno, Tempelhof, Berlin, Germany, assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,927,015; Sept. 19.
- Fassmann, Bruno, Tempelhof, Berlin, Germany, Addressograph Company, Wilmington, Del. Printing machine. 1,937,144; Nov. 28.
- Fassnacht, Karl, Providence, and E. Mueller, Cranston, R. I., assignors to Speidel Chain Company, Providence, R. I. Making a chain structure. 1,939,806; Dec. 19.
- Fast, August C., assignor to Car-Kra Corporation, Detroit, Mich. Window construction. 1,922,360; Aug. 15.
- Fathauer, Alvin J., Cleveland, Ohio. Wringer. 1,905,556; Apr. 25.
- Fatherley, Robert E., Darien, Conn. Textile fabric or the like. Des. 90,403; Aug. 1.
- Fatherley, Robert E., Darien, Conn. Textile fabric or the like. Des. 90,404; Aug. 1.
- Fatherley, Robert E., Darien, Conn. Textile fabric or the like. Des. 90,437; Aug. 8.
- Fator, Charles D., U. S. Army, Wheeler Field, Honolulu, Hawaii. Electric contact gripping device. 1,911,444; May 30.
- Faucher, Hector. (See Brown, R. S., and Faucher.)
- Faudt, Fritz, assignor to Messr. Ehrenreich & Cie., Dusseldorf-Oberkassel, Germany. Pneumatic cushion device. 1,924,254; Aug. 29.
- Faulkner, David S., Los Angeles, and L. E. Zerbe, Moneta, Calif., assignors to The National Supply Company, Toledo, Ohio. Water distributing system for draw works. 1,918,499; July 18.
- Faulkner, David S., and E. Timbs, Los Angeles, Calif., assignors to The National Supply Company, Toledo, Ohio. Rotary draw works. 1,925,314; Sept. 5.
- Faulkner, James W., Irvington, N. J. Coating machine. 1,932,727; Oct. 31.
- Faultless Caster Company. (See Noelting, Clarence B. and W. H., assignors.)
- Faultless Caster Company. (See Noelting, Elmer H., assignor.)
- Faultless Caster Company. (See Noelting, William H., assignor.)
- Faultless Caster Company. (See Noelting, William H. and C. B., assignors.)
- Faultless Caster Company. (See Ramsey, W. B., and Noelting, assignors.)
- Faultless Rubber Company, The. (See Miller, Thomas W., assignor.)
- Faure, André and A. Firminy, (Loire), France. Lifting appliance. 1,923,780; Aug. 22.
- Faure, Antoine. (See Faure, André and A.)
- Faure-Roux, Charles, assignor to Etablissements Ch. Faure-Roux, St.-Chamond, France. Hook and balloon employing the same. 1,907,529; May 9.
- Faure-Roux, Charles, assignor to Etablissements Ch. Faure-Roux, Saint-Chamond, France. Elastic cord. 1,923,926; Aug. 22.
- Faure, Simon, Firminy, France. Hauling and lifting apparatus. 1,920,686; Aug. 1.
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,918,023; July 11.
- Faus, Herbert W., White Plains, N. Y. Hot box control. 1,919,693; July 25.
- Fausek, Arthur J. and I. F., St. Louis, Mo. Torch. 1,926,438; Sept. 12.
- Fausek, Irving F. (See Fausek, A. J. and I. F.)
- Fausel, Charles A. (See Brokvist, E. R., and Fausel.)
- Fausett, Floyd, assignor to Supreme Instruments Corporation, Greenwood, Miss. Cathode-heater leakage tester. 1,916,102; June 27.
- Fausse, Joseph, Melrose, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Manufacture of shoes. 1,894,678; Jan. 17.
- Fausse, Joseph, Melrose, assignor to The Littleway Process Company, Lynn, Mass. Holding shoe uppers in lasted position. 1,904,303; Apr. 18.
- Faust, Claus W., Elmwood, Conn., assignor, by mesne assignments, to The Hoss-Bright Manufacturing Company, Philadelphia, Pa. Spring chuck. 1,903,964; Apr. 18.
- Faust, Fred A., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Control system. 1,911,753; May 30.
- Faust, Otto. (See Hottenroth, V., and Faust.)
- Faust, Paul E., West Wyomissing, assignor to Narrow Fabric Company, West Reading, Pa. Display package and clamp device therefor. 1,931,470; Oct. 17.
- Fauth, Philipp L., Wiesbaden, Germany. Continuous extraction and filtration apparatus. 1,940,585; Dec. 19.
- Fauvel, Charles, Paris, France. Aeroplane. 1,915,055; June 20.
- Faux, William T., Santa Barbara, Calif. Oil can. 1,902,994; Mar. 28.
- Favalli, George, New York, N. Y. Brake shoe relining device. 1,896,296; Feb. 7.
- Faverty, Clyde B. (See Ryan, W. M., and Faverty.)
- Faverty, Clyde B. (See Ryan, W. M., Faverty, and Kolb.)
- Faverty, Clyde B., assignor to Ryon Car Company, Chicago, Ill. Steam power plant. 1,934,661; Nov. 7.
- Favini, William. (See Mizzy, A. D., and Favini.)
- Favorite, William P., and H. A. Moler, Detroit, Mich. Traffic marker. Des. 89,606; Apr. 11.
- Favre, Georges A. (See Wolf, J., and Favre.)
- Favreau, Walter, Tompkinsville, assignor, by mesne assignments, to Design Laboratories, Incorporated, New York, N. Y. Ornamental object. 1,907,769; May 9.
- Fawcett, Harold W., Harrogate, England. Centrifugal separator. 1,921,181; Aug. 8.
- Fawcett, John R., assignor to William Hall & Company Limited, Studley, England. Fishing reel. 1,901,091; Mar. 14.
- Fawcett Publications, Inc. (See Farmer, Earl W., assignor.)
- Fawcett, William D., et al. (See Thomas, Jack L., assignor.)
- Fawick Manufacturing Company. (See Fawick, Thomas L., assignor.)
- Fawick, Thomas L., Akron, Ohio. Motor support. Re18,810; May 2.
- Fawick, Thomas L., Akron, Ohio, assignor to Fawick Manufacturing Company, Waukesha, Wis. Servo clutch. 1,925,897; Sept. 5.
- Fawick, Thomas L., Racine, Wis., assignor to Brown-Lipe Gear Company, Toledo, Ohio. Transmission. 1,912,936; June 6.
- Fawick, Thomas L., Akron, Ohio, assignor to Fawick Manufacturing Company, Waukesha, Wis. Spring-engaged shoe clutch. 1,940,407; Dec. 19.
- Fawkes, Charles E., Chicago, Ill. Spraying apparatus. 1,908,230; May 9.
- Fawkes, Charles E., assignor to Pyroxylin Products, Incorporated, Chicago, Ill. Finished surface and producing same. 1,918,692; July 18.
- Fawthrop, William D., Seattle, Wash. Adhesive and making the same. 1,897,469; Feb. 14.
- Fax Company, The. (See Stephenson, Arlington W., assignor.)
- Fay, Edward J., New York, N. Y. Toilet brush with finger guide groove. Des. 89,299; Feb. 21.
- Fay, J. A., & Egan Company, The. (See Egan, R. W., and Petskeyes, assignors.)
- Fay, J. A., & Egan Company, The. (See Kistner, Frederick J., assignor.)
- Fay, James M., and J. J. Drumm, assignors to Drumm Battery Company Limited, Dublin, Irish Free State. System of rail electrification. 1,932,961; Oct. 31.
- Fay, Joseph W., Villa Park, assignor to The Cracker Jack Co., Chicago, Ill. Sealing apparatus for cartons. 1,895,617; Jan. 31.
- Fay, Leo F., and O. Goodell, Ecorse, Mich. Valve controlling lever for gas water heaters. 1,936,388; Nov. 21.
- Fay, Leon W. (See Rodgers, George D., jr., assignor.)
- Fay, Richard D., Cambridge, assignor to Submarine Signal Corporation, Boston, Mass. Current converting device. 1,906,558; May 2.
- Fazekas, Anton, San Francisco, Calif. Letter box plate. Des. 89,127; Jan. 31.
- Fazekas, Anton, San Francisco, Calif. Wicket grille. Des. 89,275; Feb. 14.
- Fazekas, Anton, San Francisco, Calif. Wicket grille. Des. 89,276; Feb. 14.
- Fazekas, Anton, San Francisco, Calif. Combination illuminated house number plate, letter drop opening, and signal push button. Des. 90,481; Aug. 15.
- Fazekas, Anton, San Francisco, Calif. Receptacle. 1,918,744; July 18.
- Feagles, Ralph L., and W. E. Penrod, assignors to Chalfant Can Company, Fort Wayne, Ind. Fluid container. 1,907,770; May 9.
- Feagley, Chester C., Philadelphia, Pa., assignor, by mesne assignments, to The Grasselli Chemical Company. Non-hygroscopic composition comprising aluminum sulphate and an acid salt. 1,905,833; Apr. 25.
- Fear, Ernest D., assignor to De Raef Corporation, Kansas City, Mo. Increasing the food value of frozen comestibles. 1,935,596; Nov. 14.
- Fear, Fred & Company. (See Augenblick, B. D., assignor.)
- Fear, Harold J. (See Shonnard, H. W., and Fear.)
- Fear, Ralph G., Los Angeles, Calif. Shutter control device for motion picture machines. 1,914,664; June 20.
- Fear, Ralph G., Los Angeles, Calif. Focusing device for cameras. 1,937,688; Dec. 5.
- Fearnside, Ralph S. (See Hepburn, W. M., and Fearnside.)
- Feather, Joseph, Lawrence, Mass. Fixed reed rotary box loom. 1,934,120; Nov. 7.
- Featherstone, Harlan B. (See Fisher, O. W., Walter, and Weatherstone.)
- Fe Bland, Leon C., Brooklyn, N. Y., assignor to The Kleinti Co. Inc. Strainer. 1,936,387; Nov. 21.
- Fechheimer, Carl J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ventilation of rotor end coils of turbogenerators. 1,927,890; Sept. 26.
- Fechtenberg, Jörgen F. H., Cheltenham Township, Montgomery County, Pa. Suction comb. 1,894,905; Jan. 17.

- Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
- Fedders Manufacturing Company. (See Ihde, August F., assignor.)
- Fedders Manufacturing Company. (See Moore, Samuel, assignor.)
- Fedders Manufacturing Company. (See Rose, Ralph, assignor.)
- Fedders Manufacturing Company. (See Slagel, Franklin G., assignor.)
- Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
- Fedders Manufacturing Company. (See Smith, L. C., and Przyborowski, assignors.)
- Fedel, Ernest S., and D. D. Potter, Rock Springs, Wyo. Ice cream freezer. 1,915,220; June 20.
- Fedeler, John H., New York, N. Y. Separator. 1,899,498; Feb. 28.
- Fedeler, John H., New York, N. Y., assignor to American Air Filter Company, Inc., Louisville, Ky. Air filter device. 1,895,618; Jan. 31.
- Feder, Edith M., New York, N. Y. Clasp. 1,909,821; May 16.
- Federal Bearings Company, The. (See Schatz, Grover H., assignor.)
- Federal Bearings Co., The. (See Smith, William F., assignor.)
- Federal Electric Company. (See Barclay, Robert E., assignor.)
- Federal Electric Company. (See McClelland, James C., assignor.)
- Federal Glass Company, The. (See Beatty, Robert J., assignor.)
- Federal Glass Company, The. (See Messerknecht, Louis, assignor.)
- Federal Laboratories, Inc. (See Lowy, Alexander, assignor.)
- Federal Laboratories, Inc. (See Young, John W., assignor.)
- Federal Mail Chute Corp. (See Pruss, H. E., and Steinberg, assignors.)
- Federal Merchandise Company. (See Hueglin, Herman C., assignor.)
- Federal Mogul Corporation. (See Watson, Russell A., assignor.)
- Federal Pressed Steel Corporation. (See Hansen, F. D., and Tinker, assignors.)
- Federal Products Corporation. (See Litterio, Caesar B., assignor.)
- Federal Steel Sash Company. (See Kuney, Clarence F., assignor.)
- Federal Telegraph Company. (See Brower, William M., assignor.)
- Federal Telegraph Company. (See Collins, Neil R., assignor.)
- Federal Telegraph Company. (See Fisher, Gerhard R., assignor.)
- Federal Telegraph Company. (See Litton, Charles V., assignor.)
- Federal Telegraph Company. (See Shermund, Ralph C., assignor.)
- Federal Telegraph Company. (See Sollie, Sigurd A., assignor.)
- Federal Telegraph Company. (See Suydam, Clinton H., assignor.)
- Federle, Joseph C., Dayton, Ohio. Liquid level indicator. 1,898,766; Feb. 21.
- Federwitz, Theodore A., assignor to Stokes and Smith Company, Philadelphia, Pa. Box machine. 1,924,681; Aug. 29.
- Federwitz, Theodore A., and W. T. Bailey, assignors to Stokes & Smith Company, Philadelphia, Pa. Conveying system. 1,893,736; Jan. 10.
- Federwitz, Theodore A., and W. T. Bailey, assignors to Stokes and Smith Company, Philadelphia, Pa. Conveying system. 1,906,051; Apr. 25.
- Fedl, Justin A. H., Paris, France. Machine for mechanically finishing roadway concrete coverings. 1,912,976; June 6.
- Fedor, John P., New Castle, Ind. Turn bank indicator and inclinometer. 1,907,402; May 2.
- Fedotoff, Nicholas V., Lynbrook, N. Y., assignor to Hazeltine Corporation. Vacuum-tube voltmeter. 1,910,827; May 23.
- Fee and Stemwedel Inc. (See Stemwedel, Albert L., assignor.)
- Fee, Harry A., Adrian, Mich. Protective mask. 1,917,961; July 11.
- Fee, Harry A., Adrian, Mich. Gas pressure maintenance. 1,938,556; Dec. 12.
- Fee, Thomas A., jr. (See Lamb, H., and Fee.)
- Feedback, Harry F., El Paso, Tex. Combination shipping and display case. 1,930,386; Oct. 10.
- Feehan, Thomas A., Trenton, assignor to Ajax Electro-thermic Corporation, Ajax Park, N. J. Protective device for electric induction furnaces. 1,922,034; Aug. 15.
- Feeley, Matthew R., Scranton, Pa., and C. Stern, Jersey City, N. J. Bellows operated safety cylinder cock. 1,901,805; Mar. 14.
- Feeley, Matthew R., Scranton, Pa., and C. Stern, Jersey City, assignors to Ardeo Manufacturing Company, Hoboken, N. J. Bellows checked cylinder cock. 1,901,740; Mar. 14.
- Feeley, Robert S. (See Hopkins, J. G., Thurlow, and Reoley.)
- Feeney, William P., Manistee, Mich. Felt drier. 1,898,041; Feb. 21.
- Feeny, William S., Philadelphia, Pa. Head rod holder. 1,921,813; Aug. 8.
- Feery, Michiel F., Eyota, Minn. Door operating mechanism for garages. 1,925,315; Sept. 5.
- Fees, Myrtle M., Prescott, Ariz. Bedpan cushion. 1,925,630; Sept. 5.
- Fegan, Albert E., assignor to Geo. Young & Company, Chicago, Ill. Playground and other balls and making same. 1,923,359; Aug. 22.
- Fegles Construction Company. (See Fegles, D. B., and Nemec, assignors.)
- Fegles Construction Company. (See Nemec, Frank L., assignor.)
- Fegles, Donald B., and F. L. Nemec, assignors to Fegles Construction Company, Limited, Minneapolis, Minn. Apparatus for emptying bins. 1,909,258; May 16.
- Fegley, Thomas J., Jenkintown, assignor to North Bros Mfg Co., Philadelphia, Pa. Beverage cooler. 1,935,023; Nov. 14.
- Fegley, Thomas J., and G. O. Leopold, assignors to North Bros Mfg Co., Philadelphia, Pa. Christmas tree holder. 1,900,807; Mar. 7.
- Fegley, Thomas J., and G. O. Leopold, assignors to North Bros Mfg Co., Philadelphia, Pa. Push drill. 1,904,679; Apr. 18.
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bros Mfg Co., Philadelphia, Pa. Gas burner. 1,914,772; June 20.
- Fegley, Thomas J., Jenkintown, and G. O. Leopold, Philadelphia, assignors to North Bros Mfg Co., Philadelphia, Pa. Push drill. 1,937,645; Dec. 5.
- Fehl, John, and A. Belcher, Jersey City, N. J. Hospital bedside unit. 1,916,832; July 4.
- Fehlberg, Chester H., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Free wheeling transmission. 1,899,950; Mar. 7.
- Fehr, Eugene J., C. Lute, and Kenneth J. Tobin, assignors to Camel Company, Chicago, Ill. Supporting means for car doors. 1,915,159; June 20.
- Fehr, Roy B., assignor, by mesne assignments, to Detroit Trust Company, Detroit, Mich. Truing gears. 1,924,736; Aug. 29.
- Fehrenbach, Anton, New York, N. Y. Universal airplane. Des. 90,805; Oct. 3.
- Fehrenbach, Charles, Mount Vernon, N. Y. Toy. Des. 91,133; Dec. 5.
- Fehrle, Alfred. (See Streitwolf, K., Fehrle, and Herrmann.)
- Fehrle, Alfred. (See Streitwolf, K., Fehrle, and Hilmer.)
- Fehrle, Alfred. (See Streitwolf, K., Fehrle, Herrmann, and Fritzsche.)
- Fehrle, Alfred. (See Streitwolf, K., Fehrle, Hilmer, and Schmidt.)
- Fehrle, Alfred. (See Streitwolf, K., Fehrle, and Oesterlin.)
- Fehrle, Alfred, Bad Soden-on-the-Taunus, and K. Streitwolf and W. Herrmann, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable aqueous solution of nitrogen-containing organic compounds and preparing them. 1,895,434; Jan. 24.
- Fehse, Adolf, Berlin, Germany, assignor to General Electric Company, Beacon. 1,930,085; Oct. 10.
- Feig, Max, Hamburg, Germany. Drip catcher for retailing and dispensing vessels. 1,914,598; June 20.
- Feigelson, Alexander, Beaumont, Tex. Trailer. 1,909,396; May 16.
- Feigenbaum & Adelson, Inc. (See Fields, Minna, assignor.)
- Feight, Edward E., assignor to Food Materials Corporation, Chicago, Ill. Dry spicing. 1,940,624; Dec. 19.
- Feightner, Lewis E., Elida, Ohio. Railway vehicle truck. 1,898,997; Feb. 28.
- Fell, Edmund, Berlin, Germany. Reflector system for stereo-cinematograph cameras. 1,929,685; Oct. 10.
- Fell, Edmund, Berlin, Germany. Stereoscopic projection apparatus. 1,939,343; Dec. 12.
- Feld, Alexander L., assignor to Alloy Research Corporation, Baltimore, Md. Manufacture rustless iron. 1,925,182; Sept. 5.
- Feiler, Paul. (See Winkler, F., Haeuber, and Feiler.)
- Feln, Robert, New York, N. Y. Signal light for vehicles. Des. 88,952; Jan. 10.
- Feinen, Nicholas, Buffalo, N. Y. Tire retreading machine. 1,920,852; Aug. 1.
- Feintuch, Israel. (See Penner, D., and Feintuch.)
- Feipel, Victor F., Fort Wayne, Ind. Disk damper control. 1,924,985; Aug. 29.
- Feir, Samuel, assignor of one-half to E. Smoke, Brooklyn, N. Y. Stabilizing supporting device for bodies on water. 1,909,259; May 16.
- Feit, Paul P., Canton, Ohio. Lathe attachment. 1,931,143; Oct. 17.
- Fekkes, Fekko. (See Van Eck, J., and Fekkes.)
- Feldenheimer, Roy. (See Williams, Arthur H. T., assignor.)
- Fehler, Abraham, New York, N. Y. Loose leaf book. 1,900,601; Mar. 7.
- Feldman, Bernard, Newton, Mass. Combined insole and shank. 1,921,970; Aug. 8.
- Feldman, Carl B. H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency resistance element. 1,935,313; Nov. 14.

- Feldman, Charles L., et al. (See Smith, Hebert, assignor.)
 Feldman, Charles L., receiver, et al. (See Tuttle, W. A., and White, assignors.)
 Feldman, Charles L., et al., receivers. (See Ambruson, Henry, assignor.)
 Feldman, Charles L., et al., receivers. (See King, Vernon C., assignor.)
 Feldman, Charles L., et al., receivers. (See Ward, Richard H., assignor.)
 Feldman, Max W. (See Epton, A. I., and Feldman.)
 Feldmann, C. Russell. (See Eldean, Fred A., assignor.)
 Feldmann, Wilhelm. (See Strigel, R., and Feldmann.)
 Feldmeier, Harvey. (See Wightman, R. J., and Feldmeier.)
 Feldmeier, Harvey, Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Liquid heating and cooling apparatus. 1,914,494; June 20.
 Feldmeier, Harvey, and R. J. Wightman, Little Falls, and R. B. Steves, Iilon, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange device. 1,893,135; Jan. 3.
 Feldmeier, Harvey, and R. J. Wightman, assignors to Cherry-Burrell Corporation, Little Falls, N. Y. Pump. 1,916,756; July 4.
 Felies, Jacques F., Antwerp, Belgium. Apparatus for controlling the speed of a power driven vehicle. 1,940,081; Dec. 19.
 Felix, Friedrich, assignor to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing of colloids of the cellulose series of the group of cellulose esters or ethers fast greenish yellow tints. 1,893,543; Jan. 10.
 Felix, Friedrich, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 1,919,833; July 25.
 Felix, Friedrich, and O. Albrecht, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Esters of sulfonated aromatic carboxylic acids and making same. 1,935,264; Nov. 14.
 Felix, Friedrich, and W. Huber, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs and making same. 1,905,374; Apr. 25.
 Fellabaum, Nate, Findlay, Ohio. Spring support. 1,928,526; Sept. 26.
 Fellay, Louis J., assignor to Dooley Bros., Peoria, Ill. Mining drill mounting. 1,904,655; Apr. 18.
 Fellay, Louis J., assignor to Dooley Bros., Peoria, Ill. Mining drill post. 1,904,656; Apr. 18.
 Fellay, Louis J., assignor to Dooley Brothers, Peoria, Ill. Mining drill. 1,904,657; Apr. 18.
 Feller, Karl, Pittsburgh, Pa. Mechanism for handling rolled stock. 1,929,487; Oct. 10.
 Feller, Maximilian, Brooklyn, N. Y. Beverage manufacture. 1,912,439; June 6.
 Fellers, Albert E. (See Hopkins, R. Z., Fellers, and Davey.)
 Fellers, Albert E. (See Hopkins, R. Z., Fellers, and Raymond.)
 Fellers, William M., Washington, D. C. Method of and apparatus for airplanes. 1,925,139; Sept. 5.
 Fellers, William M., U. S. Navy, and F. B. Gross, McLean, Va. Airplane catapult. 1,930,473; Oct. 17.
 Fellmer, Ernst, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 1,938,012; Dec. 5.
 Felner, Alphonse E., Belleville, Ill. Producing selective designs on enamel ware. 1,907,771; May 9.
 Fellowes, Max H., Albany, N. Y. Holder for crayons. 1,907,772; May 9.
 Fellows Gear Shaper Company. (See Miller, Edward W., assignor.)
 Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
 Fellows, Homer F., Springfield, Mo. Trailer fifth wheel and coupling construction. 1,933,622; Nov. 7.
 Felsenthal, Gustav E., New York, N. Y. Money clip. 1,899,753; Feb. 28.
 Felsman, Edward, Rapid City, S. Dak. Saw set. 1,928,975; Oct. 3.
 Felt & Tarrant Manufacturing Company. (See Turck, Joseph A. V., assignor.)
 Felt & Tarrant Manufacturing Company. (See Turck, J. A. V., and Ferris, assignors.)
 Feltau, Arthur J., Bloomfield, N. J., assignor to Efesem Inc., New York, N. Y. Refrigerator drawer. 1,930,233; Oct. 10.
 Feltau, Arthur J., Bloomfield, N. J., assignor to Efesem Inc., New York, N. Y. Refrigerator tray or drawer. 1,930,234; Oct. 10.
 Felten, Abram V. A. (See Mahlstedt, John F., and Felten.)
 Felten & Guillaume Carlswerk Actiengesellschaft. (See Baum, Reinhold, assignor.)
 Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Cords, Otto, assignor.)
 Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Haanen, K. A., and Meuerer, assignors.)
 Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Nunnunshoff, Ludwig, assignor.)
 Felten & Guillaume Carlswerk Actien-Gesellschaft. (See Zapf, Georg, assignor.)
 Felten, Karl, Siegburg, Germany. High-tension switch. 1,931,862; Oct. 24.
 Feltham, Douglas L., Toledo, Ohio. Dental mirror. 1,905,633; Apr. 25.
 Felton & Guillaume Carlswerk Actiengesellschaft. (See Padum, Ernst, assignor.)
 Felton & Guillaume Carlswerk Actiengesellschaft. (See Wölfer, Franz, assignor.)
 Felton & Guillaume Carlswerk Actien-Gesellschaft. (See Zapf, Georg, assignor.)
 Felton, William M., Harrisburg, Pa., assignor to C. W. Smith. Rug and carpet cleaning machine. 1,925,377; Sept. 5.
 Felts, Clarence T., Jackson, Mich. Hand mower. 1,922,126; Aug. 15.
 Feminine Products, Inc. (See Brennan, Edward J., assignor.)
 Fenaille, Pierre, Paris, France. Universal coupling for machine elements. 1,921,737; Aug. 8.
 Fendel, S. L., et al., trustees. (See Gordon, Lincoln, assignor.)
 Fender, Harold W., Wednesbury, England, assignor to Prodorite, S. A., Geneva, Switzerland. Acidproof tank. 1,894,371; Jan. 17.
 Fender, Percy R. (See Rowles, Sidney G., assignor.)
 Fendler, William G. (See Knox, William A., assignor.)
 Fendt, Emil, and C. Schörg, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electric heater for circulating fluids. 1,918,637; July 18.
 Feneis, George. (See Manikowsky, G., Feneis, and Manikowsky.)
 Fenimore, Edward P. (See Haner, C., and Fenimore.)
 Fenn, Margaret F. (See Fenn, William B., assignor.)
 Fenn, William B., assignor to M. F. Fenn, Port Washington, N. Y. Vacuumizing, sterilizing, and sealing containers. 1,938,821; Dec. 12.
 Fenner, James O., assignor to Economic Machinery Company, Worcester, Mass. Label follower mechanism. 1,922,575; Aug. 15.
 Fenner, James O., assignor to Economic Machinery Company, Worcester, Mass. Overhead bottle guide for a labeling machine. 1,922,576; Aug. 15.
 Fenner, James O., assignor to Economic Machinery Company, Worcester, Mass. Bottle labeling machine. 1,922,577; Aug. 15.
 Fenner, Robert C., Evanston, assignor to Vortex Cup Company, Chicago, Ill. Cup or similar receptacle. Des. 91,107; Nov. 28.
 Fensky, Charles, assignor of one-half to V. F. Flader, St. Louis, Mo. Copy holder. 1,905,834; Apr. 25.
 Fenstermacher, John D., Piedmont, and E. B. Sumner, Burlingame, Calif. Draft rigging. 1,937,817; Dec. 5.
 Fenton, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Artificial turf and making the same. 1,939,846; Dec. 19.
 Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 1,904,722; Apr. 18.
 Fenton, Ray M., assignor to The Newton Steel Company, Youngstown, Ohio. Sheet feeding apparatus. 1,895,073; Jan. 24.
 Fenton, Ray M., and E. F. Clark, Monroe, Mich. Continuous furnace for metallurgical purposes. 1,895,072; Jan. 24.
 Fentress, George E. (See Golish, Frank A., assignor.)
 Fenwick, Francis F., Jr., East Orange, N. J. Water carrier and the like. 1,902,548; Mar. 21.
 Fenzel, Jacob S. (See Kranz, H. W., Bound, and Fenzel.)
 Feola, James. (See Klimis, A., and Feola.)
 Fereday, Frederick T., Anchorage, assignor to Peerless Manufacturing Corporation, Louisville, Ky. Flashing time relay. 1,933,010; Oct. 31.
 Fereday, Frederick T., Anchorage, Ky., assignor, by mesne assignments, to Peerless Manufacturing Corporation. Flashing time relay. 1,940,586; Dec. 19.
 Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 1,914,495; June 20.
 Ferguson, Arthur J., Winnetka, assignor to Mineralac Electric Company, Chicago, Ill. Electric potential indicator. 1,913,155; June 6.
 Ferguson, Barrington, Fernie, British Columbia, Canada. Automatic retainer valve mechanism for railway air brake systems. 1,939,548; Dec. 12.
 Ferguson Brothers Manufacturing Company. (See Boenning, William M., assignor.)
 Ferguson Brothers Manufacturing Company. (See Boeswinkle, Bernard, assignor.)
 Ferguson Brothers Manufacturing Company. (See Hanley, William, assignor.)
 Ferguson Brothers Manufacturing Company. (See Tinsley, Milton L., assignor.)
 Ferguson, Charles S., Troy, N. Y., assignor to General Electric Company. Phenol-aldehyde-drying oil resin composition and making same. 1,896,842; Feb. 7.
 Ferguson, David W. (See Geesey, L. P., Ferguson, and Coquillette.)
 Ferguson, Donald M. (See Maurer, E. R., and Ferguson.)
 Ferguson, Gale L., Cleveland, Ohio, assignor, by mesne assignments, to Westco Pump Corporation, Davenport, Iowa. Pumping apparatus. 1,893,616; Jan. 10.
 Ferguson, Gale L., Cleveland, Ohio, assignor, by mesne assignments, to Westco Pump Corporation, Davenport, Iowa. Pumping apparatus. 1,910,531; May 23.
 Ferguson, Harry, Belfast, Northern Ireland. Cultivator. 1,900,440; Mar. 7.
 Ferguson, Harry, Belfast, Ireland. Tractor-drawn agricultural implement. 1,916,945; July 4.

- Ferguson, Herman B., Philadelphia, Pa. Moth repellent. 1,898,621; Feb. 21.
- Ferguson, Howard C. (See Jones, Claudius V., assignor.)
- Ferguson, Howard F., Youngstown, Ohio. Furnace control device. 1,908,702; May 16.
- Ferguson, J. L., Company. (See Ferguson, John L., assignor.)
- Ferguson, James W., Marion, Ill. Film developer and dryer. 1,903,174; Mar. 28.
- Ferguson, Jesse T., Meridian, Miss. Cotton picker. 1,895,031; Jan. 24.
- Ferguson, John, Pollokshields, Glasgow, Scotland. Apparatus for use in oil and like wells. 1,915,219; June 20.
- Ferguson, John E., Edgewood, R. I., assignor to Westinghouse Lamp Company. Securing contact pins in radio-tube bases. 1,900,099; Mar. 7.
- Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Sealer guide adjusting means. 1,894,496; Jan. 10.
- Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Coupon feeding machine. 1,909,050; May 16.
- Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Package turning device. 1,912,696; June 6.
- Ferguson, Ralph S., Baltimore, Md. Valve mechanism for heat flasks. 1,915,523; June 27.
- Ferguson, Ralph S., Baltimore, Md. Heat flask. 1,920,853; Aug. 1.
- Ferguson, Ray, Escatawpa, Miss. Brooder house. 1,921,352; Aug. 8.
- Ferguson, Robert E., Medford, Mass. Flow recording mechanism. 1,918,388; July 18.
- Ferguson, Warren T., Brookline, assignor to Ajax Spring Stabilizer Company, Cambridge, Mass. Metal spring cover. 1,900,051; Mar. 7.
- Ferguson, Warren T., Waban, and C. B. Eisenhauer, assignors to Ajax Spring Stabilizer Company, Cambridge, Mass. Unitary spring cover. 1,925,047; Aug. 29.
- Ferguson, William E., Orange Cove, Calif. Crank gear for plunger pumps. 1,921,182; Aug. 8.
- Ferguson, William F., Candler, N. C. Window fixture. 1,899,800; Feb. 28.
- Ferguson, William H., Marshfield, Oreg. Automatic recording mechanism. 1,925,752; Sept. 5.
- Ferguson, William J., assignor of one-half to Benjamin Geller, Yonkers, N. Y. Hose hanger. 1,897,248; Feb. 14.
- Fergusson, David, assignor to James Cunningham, Son & Company, Rochester, N. Y. Motor vehicle. 1,900,439; Mar. 7.
- Fergusson Drug Company, The. (See Levin, David, assignor.)
- Ferier, Albert, assignor to Bianchini, Ferier Société en nom collectif, Lyon, France. Double twist flyer spinning machine. 1,907,530; May 9.
- Ferlin, Gilbert A., assignor to National Bronze & Aluminum Foundry Company, Cleveland, Ohio. Casting apparatus. 1,939,963; Dec. 19.
- Ferlin, John J., Los Angeles, assignor of one-half to M. McMahan, executrix of Emmet M. McMahan, deceased, and one-half to E. L. Richardson, Whittier, Calif. Wear preventer for drill pipes. 1,938,822; Dec. 12.
- Ferlin, John J., Los Angeles, and H. W. Goetz, Alhambra, Calif. Valve. 1,940,999; Dec. 26.
- Ferm, John E. (See Keeney, R. M., and Ferm.)
- Fernald, Charles F., Weston, assignor to Barnes & Jones, Incorporated, Boston, Mass. Valve. 1,929,684; Oct. 10.
- Fernald, Charles H. (See Orlando, Victor, assignor.)
- Fernald, Mark E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Punching apparatus. 1,930,591; Oct. 17.
- Fernandez, Harry J., Monroe, La. Game. 1,922,578; Aug. 15.
- Fernandez, John J., assignor of one-fourth to M. S. Gibson, Baltimore, Md. Testing device for internal combustion engines. 1,914,496; June 20.
- Fernberg, Eric B., Edgware, England, assignor to Victor Talking Machine Company. Pressing talking machine records. 1,915,357; June 27.
- Fernberg, Eric B., Edgware, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Press for making talking machine records. 1,930,931; Oct. 17.
- Fernberg, Eric B., Edgware, England, assignor to Victor Talking Machine Company. Printing, impressing, or embossing upon sheet or strip material. 1,938,564; Dec. 5.
- Fengren, Enoch T., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for drawing sheet glass under pressure. 1,924,599; Aug. 29.
- Fernholz, Ernst, Berlin-Tempelhof, Germany. Closing device for pressure vessels. 1,910,283; May 23.
- Fernseh Aktien-Gesellschaft. (See Banneitz, F., and Schubert, assignors.)
- Fernstrom, Elmer, La Jolla, Calif. Metal furring strip. 1,918,256; July 18.
- Fernstrom, John O., assignor to Barrett-Cravens Company, Chicago, Ill. Lift truck. 1,897,637; Feb. 14.
- Ferodo Limited. (See Blumh, Alexandre, assignor.)
- Ferrando, Amedeo, and A. Zanzi, assignors to Ditta Giovanni Zanzi, Ivrea, Italy. Making valves for explosion engines. 1,904,430; Apr. 18.
- Ferrando, Maurice C., New York, assignor to E. V. Husson, Brooklyn, N. Y. Coffeepot. 1,927,701; Sept. 19.
- Ferranti Inc. (See Batt, Frederick H., assignor.)
- Ferranti Inc. (See de Ferranti, Sebastian Z., assignor.)
- Ferranti Inc. (See Miller, John L., assignor.)
- Ferranti Inc. (See Norris, Eric D. T., assignor.)
- Ferranti Inc. (See Turner, John, assignor.)
- Ferrari, Albert, Harrisburg, Pa. Filter for mausoleums. 1,913,234; June 6.
- Ferrar, Bernard, New York, N. Y. Slip-sheeter. 1,916,723; July 4.
- Ferrara, John, Rochester, N. Y. Resoling stitching machine. 1,924,737; Aug. 29.
- Ferrari, Albert, Drexel Hill, and S. W. Devers, Philadelphia, Pa. Bathing suit. 1,902,843; Mar. 28.
- Ferrari, Herman, jr., Glendale, Calif. Game apparatus. 1,907,255; May 2.
- Ferrario, Achille, Milan, Italy. Propeller with automatic regulation. 1,901,953; Mar. 21.
- Ferree, Clarence E. and G. R., Baltimore, Md. Lighting unit. 1,894,583; Jan. 17.
- Ferree, Clarence E. and G. R., Baltimore, Md. Lectern lighting unit. 1,899,499; Feb. 28.
- Ferree, Clarence E. and G. R., Baltimore, Md. Lighting unit. 1,906,559; May 2.
- Ferree, Ernest F., et al. (See Portteus, James G., assignor.)
- Ferree, Gertrude R. (See Ferree, Clarence E. and G. R.)
- Ferrell, Blanchard E., Chicago, Ill. Locomotive terminal hot water supply. 1,911,754; May 30.
- Ferrell, Dent. (See Helmholtz, A. W., and Ferrell.)
- Ferrell, Enoch B., Eaton Town, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective means for electrical systems. 1,924,115; Aug. 29.
- Ferrettie, Conrad. (See Van Dinter, G. L., and Ferrettie.)
- Ferrettie, Conrad, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Footwear and making same. 1,924,716; Aug. 29.
- Ferri, Filiberto, Milan, Italy. Device for preventing gonorrhea infection. 1,897,423; Feb. 14.
- Ferring, Herbert O., Pendleton, Oreg. Auxiliary reservoir control. 1,926,146; Sept. 12.
- Ferris, Ervie A., Westwood, assignor to Martin Air Dog Company, San Francisco, Calif. Double hook power dog. 1,930,004; Oct. 10.
- Ferris, Eugene C., et al., executor. (See Ferris, Henry L.)
- Ferris, Henry L., deceased; H. J. Ferris and E. C. Ferris, executors, assignors to Starline, Inc., Harvard, Ill. Stall front. 1,916,972; July 4.
- Ferris, Henry L., deceased, Harvard, Ill.; H. J. and E. C. Ferris, executors, assignors to Starline, Inc., Harvard, Ill. Stanchion. 1,935,265; Nov. 14.
- Ferris, Howard J., Harvard, Ill. Milking parlor stall. Des. 90,482; Aug. 15.
- Ferris, Howard J., assignor to Starline, Inc., Harvard, Ill. Pig pen. 1,914,913; June 20.
- Ferris, Howard J., assignor to Starline Inc., Howard, Ill. Milking parlor stall. 1,934,177; Nov. 7.
- Ferris, Howard J., et al., executor. (See Ferris, Henry L.)
- Ferris, Isaac L., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Lip stick holder. Des. 89,750; May 2.
- Ferris, Isaac L. and G. C. Fullmer, assignors to The Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn. Candle flash light. 1,916,472; July 4.
- Ferris, John P., assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,897,386; Feb. 14.
- Ferris, John P., assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,898,576; Feb. 21.
- Ferris, John P., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 1,902,437; Mar. 21.
- Ferris, John P., Whitefish Bay, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 1,939,113; Dec. 12.
- Ferris, John P., Whitefish Bay, Wis., D. Clute, Detroit, Mich., and E. Wiedmann, assignors to The Oilgear Company, Milwaukee, Wis. Furnace operating mechanism. 1,902,063; Mar. 21.
- Ferris, John P., Whitefish Bay, and W. Ferris, assignors to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,905,164; Apr. 25.
- Ferris, John P., Whitefish Bay, and W. Ferris, assignors to The Oilgear Company, Milwaukee, Wis. Pump. 1,925,378; Sept. 5.
- Ferris, Robert. (See Lewis, C. E., McLelland, and Ferris.)
- Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Ventilating apparatus. 1,924,489; Aug. 29.
- Ferris, Roy A. (See Turck, J. A. V., and Ferris.)
- Ferris, Seymour W. (See Henderson, L. M., Ferris, and Cowles.)
- Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Medicinal oil and method of preparation. 1,928,832; Oct. 3.
- Ferris, Walter. (See Ferris, John P. and W.)
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission. 1,896,052; Jan. 31.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,901,500; Mar. 14.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump. 1,901,501; Mar. 14.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Percussion press. 1,913,663; June 13.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Variable speed drive for machine tools. 1,915,986; June 27.

- Ferris, Walter, Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Power excavator. 1,922,285; Aug. 15.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pressure pad. 1,926,012; Sept. 5.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Feed mechanism for machine tools. 1,929,185; Oct. 3.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump. 1,930,163; Oct. 10.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 1,935,551; Nov. 14.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 1,939,886; Dec. 19.
- Ferris, Walter, Milwaukee, and G. Macomber, Waukesha, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic motor control. 1,912,184; May 30.
- Ferris, Walter, and J. K. Douglas, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic motor. 1,939,887; Dec. 19.
- Ferris, Warren B., assignor to Radio-Vision, Inc., Columbus, Ohio. Rocket ship model. Des. 90,840; Oct. 10.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Overhead garage door. 1,926,671; Sept. 12.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Antifriction bearing connection for coil springs. 1,931,651; Oct. 24.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Overhead garage door. 1,932,515; Oct. 31.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Opening and closing means with friction retardation swivel. 1,940,408; Dec. 19.
- Ferris, William S., Elkhardt, Ind. Back rest for chairs. 1,929,110; Oct. 3.
- Ferris, William W., Providence, R. I. Eyeglass structure. 1,914,971; June 20.
- Ferro Machine & Foundry Company, The. (See Hinz, Walter, assignor.)
- Ferro Stamping & Manufacturing Company. (See Lowe, Charles B., assignor.)
- Ferry, William J., assignor, by mesne assignments, to Ferry's Incorporated, Oakland, Calif. Radial cam type internal combustion engine. 1,904,680; Apr. 18.
- Ferry's Incorporated. (See Ferry, William J., assignor.)
- Fertsch, Ferdinand, and H. Hartinger, assignors to the Firm Carl Zeiss, Jena, Germany. Contact glass. 1,921,971; Aug. 8.
- Fertsch, Ferdinand, and H. Hartinger, assignors to the Firm Carl Zeiss, Jena, Germany. Contact glass. 1,921,972; Aug. 8.
- Fertsch, Friedrich K., assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing vinyl chloride. 1,903,894; Apr. 18.
- Ferwerda, Koop. (See Ferwerda, Ray and K.)
- Ferwerda, Ray and K., Maple Heights, Ohio. Method of and apparatus for material moving. 1,916,103; June 27.
- Fessler, Douglas F., Evanston, assignor to Alemite Corporation, Chicago, Ill. Compressor. 1,905,455; Apr. 25.
- Fess, Charles J., Maplewood, N. J. Grained wood and graining same. 1,934,414; Nov. 7.
- Fessenden, Reginald A., Chestnut Hill, Mass. Modulating electrical energy by light impulses. 1,899,026; Feb. 28.
- Fessenden, Reginald A., Chestnut Hill, Mass. Light modulators and constructing the same. 1,901,502; Mar. 14.
- Fessenden, Reginald A., Chestnut Hill, Mass. Rotary brush. 1,901,503; Mar. 14.
- Fessenden, Reginald A., Wistowe Flatts, Bermuda. Height indicator. 1,924,032; Aug. 22.
- Fest, Edwin. (See Earl, John L., assignor.)
- Fetkenheuer, Bruno, deceased, by Helen Fetkenheuer, née Jürgens, administratrix, Berlin-Siemensstadt, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Hard metal. 1,910,532; May 23.
- Fetkenheuer, Helene, née Jürgens, administratrix. (See Fetkenheuer, Bruno.)
- Fetsch, Joseph T., jr., Washington, D. C. High frequency voltmeter. 1,901,741; Mar. 14.
- Fett, Minna, née Hamdorf, Hamburg, Germany. Bedstead protector. 1,919,426; July 25.
- Fetter, Charles H. (See Keith, C. R., and Fetter.)
- Fetter, Edward, Baltimore, Md. Golf club structure. 1,917,795; July 11.
- Fetter, Edward, Baltimore, Md. Method of and apparatus for vulcanizing tires. 1,932,692; Oct. 31.
- Fettters, David M., et al. (See Lundin, Knut E., assignor.)
- Fettsaure- und Glycerin-Fabrik G. m. b. H. (See Kantorowicz, H., and Köhler, assignors.)
- Feucht, Albert, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Valve for rock drills. 1,895,153; Jan. 24.
- Feuerlein, George R. (See Fisher, Jacob E., assignor.)
- Feurer, Robert, assignor to La Nationale S. A., Geneva, Switzerland. Combined cigarette case and lighter. 1,893,765; Jan. 10.
- Feurstein, Louis, Union City, N. J., and H. L. Kamber, New York, N. Y. Electric service connector. 1,935,771; Nov. 21.
- Fey, Edmund C., San Francisco, Calif. Target apparatus. 1,907,181; May 2.
- Fiat Società Anonima. (See Pirinoli, Guglielmo, assignor.)
- Fiat Società Anonima. (See Rosatelli, Celestino, assignor.)
- Fiberloid Corporation, The. (See Desnoyers, E. G., and Nims, assignors.)
- Fiberloid Corporation, The. (See Esselen, G. J., and Weber, assignors.)
- Fibish, Ernest, Chicago, Ill. Adjustable ignition distributor. 1,939,807; Dec. 19.
- Fibreboard Products Inc. (See Ford, G. F., and Pittman, assignors.)
- Fibreboard Products Inc. (See McLaughlin, William B., assignor.)
- Fibreboard Products Inc. (See Rosener, Leland S., assignor.)
- Fibreboard Products Inc. (See Weber, H. Leland, assignor.)
- Fibre Conduit Company, The. (See Bradley, Alonzo B., assignor.)
- Fibre Conduit Company, The. (See Bradley, A. B., and Bolin, assignors.)
- Fibre Conduit Company, The. (See Gray, P. P., and Werle, assignors.)
- Fibre Conduit Company, The. (See Keller, John P., assignor.)
- Fibre Making Processes, Inc. (See Norman, Sigurd, assignor.)
- Fichtel & Sachs A. G. et al. (See Goldschmidt, Max, assignor.)
- Fichtel & Sachs A. G., et al. (See Wörner, Heinrich, assignor.)
- Fichter, Henry A. (See Farmer, J. A., and Fichter.)
- Fichter, James H., Cincinnati, Ohio, assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Furnace construction. 1,915,056; June 20.
- Fick, Reinhold. (See Munch, E. Nicolai, Fick, and Reppe.)
- Fick, Reinhold. (See Schumann, C., Fick, and Oberreit.)
- Fick, Reinhold, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alkylene cyanhydrins. 1,914,326; June 13.
- Ficken, Edward L., Atlanta, Ga. Demountable wheel. 1,939,114; Dec. 12.
- Fickett, Ernest L., Fitchburg, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Cutter for cutting spiral bevel gears. 1,903,988; Apr. 18.
- Fickett, Ernest L., Fitchburg, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Spiral bevel gear cutter. 1,925,528; Sept. 5.
- Fickey, Ward L., Sioux City, Iowa. Transporting and delivering powdered material. 1,898,354; Feb. 21.
- Fickey, Ward L., Sioux City, Iowa. Powdered material receiving, storage, and delivery container. 1,898,355; Feb. 21.
- Fickey, Ward L., Sioux City, Iowa. Apparatus for transporting and delivering powdered material. 1,898,356; Feb. 21.
- Fidelity Machine Company. (See Blaisdell, Sidney B., assignor.)
- Fidelity Machine Company. (See Larkin, Walter, assignor.)
- Fidelity Machine Company. (See Thomas, Frederick, assignor.)
- Fidelity Philadelphia Trust Company, trustee. (See Ayres, Eugene E., jr., assignor.)
- Fidelity Trust Company. (See Chaplin, Merle P., assignor.)
- Fidelity Trust Company. (See Chaplin, M. P., and Parsons, assignors.)
- Fidelity Trust Company. (See Randall, Walter H., assignor.)
- Fidelity Trust Company, trustee. (See Randall, Walter H., assignor.)
- Fiederer, Heinrich, Munich-Gladbach, assignor to E. Gillis, Beuthen, O.-S., Germany. Pattern device for hand looms. 1,935,240; Nov. 14.
- Fidler, Robert H., North Arlington, assignor to Tung Sol Lamp Works, Inc., Newark, N. J. Radiotube. 1,895,506; Jan. 31.
- Fiedler, Curt, Chemnitz, Germany. Latch needle for picking up loops. 1,918,183; July 11.
- Fiedler, Franz P. (See Jaeger, A. O., and Fiedler.)
- Fiedler, Herman. (See Fisher, H. C., and Fiedler.)
- Fiedler, Lionel R. (See Hawkins, G. C., Pomeroy, Fiedler.)
- Fiedler, Marcell, Highland Park, and H. Pessi, New Brunswick, N. J., assignors to Research Corporation, New York, N. Y. Electroplating. 1,927,162; Sept. 19.
- Fiedler, Max G., Philadelphia, Pa., assignor to Reo Motor Car Company. Fuel injection apparatus. 1,940,298; Dec. 19.
- Fiedler, Sébastien, O. A., assignor to l'Auxillaire des Chemins de Fer et de l'Industrie, Paris, France. Feed water heating plant. 1,904,431; Apr. 18.
- Fiedler, William B., Chicago, Ill. Distributor. 1,936,710; Nov. 28.
- Fieg, Joseph F., LaGrange, assignor to United Screw and Bolt Corporation, Chicago, Ill. Screw head. 1,894,034; Jan. 10.
- Fieg, Joseph F., LaGrange, assignor to United Screw and Bolt Corporation, Chicago, Ill. Manufacture of bolts. 1,905,084; Apr. 25.

- Fiegel, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Babbitting double connecting rods. 1,894,558; Jan. 17.
- Fiegel, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Method and apparatus for tinning connecting rod bearings. 1,902,770; Mar. 21.
- Fiegel, William J., assignor to Bohn Aluminum and Brass Corporation, Detroit, Mich. Hydraulic unit. 1,915,656; June 27.
- Fiegel, William J., and W. S. Enderich, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Die casting machine. 1,910,284; May 23.
- Fiegel, William J., and E. O. Goerke, assignors to Bohn Aluminum and Brass Corporation, Detroit, Mich. Apparatus for forming bearings. 1,910,285; May 23.
- Field, Bernard, Brookline, Mass. Fuel-oil burner. 1,928,201; Sept. 26.
- Field, Crosby, Brooklyn, N. Y., assignor to Chemical Machinery Corporation. Heat transfer at high temperature. Re18,993; Nov. 14.
- Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Reel. 1,904,027; Apr. 18.
- Field, Crosby, assignor to Brillo Manufacturing Company, Brooklyn, N. Y. Apparatus for packaging resilient material. 1,937,036; Nov. 28.
- Field, Crosby, Brooklyn, and C. L. Campbell, Scarsdale, N. Y., assignors to Brillo Manufacturing Company, Inc. Manufacture of resilient pads. 1,904,026; Apr. 18.
- Field, Ethel A., New York, N. Y. Flower holder. Des. 89,688; Apr. 25.
- Field, Ethel A., New York, N. Y. Flower holder. Des. 89,689; Apr. 25.
- Field, Ethel A., New York, N. Y. Flower holder. Des. 89,690; Apr. 25.
- Field, Ethel A., New York, N. Y. Flower holder. Des. 89,691; Apr. 25.
- Field, Henry P., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 1,937,556; Dec. 5.
- Field, Herbert C. (See Lakin, J. W., and Field.)
- Field, James H., Newark, N. J. Filing device. 1,901,365; Mar. 14.
- Field, John, Fairfield, assignor to The Warner Brothers Company, Bridgeport, Conn. Elastic garment. 1,919,292; July 25.
- Field, John, Fairfield, assignor to The Warner Brothers Company, Bridgeport, Conn. Corset. 1,919,293; July 25.
- Field, John J., New Dorp, Staten Island, N. Y. Camera. 1,934,178; Nov. 7.
- Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 1,921,024; Aug. 8.
- Field, Joseph G. W., Altrincham, assignor to Linotype and Machinery Limited, London, England. Distributing mechanism of typographical composing and casting machines. 1,928,721; Oct. 3.
- Field, Leeds K., Brooklyn, N. Y. Folding box. 1,919,100; July 18.
- Field, Marshall, & Company. (See Blayney, Wilson L., assignor.)
- Field, Marshall, Mills Corporation. (See Clark, Eugene F., assignor.)
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Circuit controller. 1,899,894; Feb. 28.
- Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal unit. 1,936,297; Nov. 21.
- Field, Thomas W. (See Ewing, Herbert O., assignor.)
- Fielding, George T., Stamford, Conn. Dishwashing apparatus. 1,907,152; May 2.
- Fielding, John, North Providence, assignor of one-half to J. P. Whitaker, Apponaug, R. I. Securing a metallic bridge to nonmetallic lens rims. 1,919,937; July 25.
- Fielding, John, North Providence, assignor of one-half to J. P. Whitaker, Apponaug, R. I. Securing a metallic bridge to metallic lens rims. 1,919,938; July 25.
- Fields, Minna, assignor to Feigenbaum & Adelson, Inc., New York, N. Y. Dress or similar article. Des. 89,037; Jan. 17.
- Fields, Samuel B., Suffield, and L. Klein, Thompsonville, Conn. Shoring apparatus for graves and like excavations. 1,935,704; Nov. 21.
- Fien, Alphonus, assignor to S. H. Pomeroy Company, New York, N. Y. Metal window. 1,900,175; Mar. 7.
- Fien, Alphonus, assignor to S. H. Pomeroy Company, New York, N. Y. Metal window. 1,900,177; Mar. 7.
- Fienup, William F. J. (See Stoer, John A., assignor.)
- Fievret, Eugene, Lille, France. Preparing machine for spinning. 1,927,540; Sept. 19.
- Fife, Harvey R., Pittsburgh, Pa. Treating coal. 1,912,697; June 6.
- Fife, Joseph R., Toledo, Ohio. Roofing shingle. Des. 91,061; Nov. 21.
- Fifield, Albert F., St. Catharines, Ontario, Canada. Harmonic balancer. 1,903,336; Apr. 4.
- Fifth Avenue Coach Company. (See Forrester, Michael J., assignor.)
- Figz, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Blending wood pitch with fatty acid pitch. 1,933,796; Nov. 7.
- Figgie, Harry E., Lakewood, Ohio, assignor to Standard Steel Spring Company. Bumper end construction. 1,924,600; Aug. 29.
- Fike, Charles W., assignor to Wheat Chips Incorporated, Spokane, Wash. Cereal toasting machine. 1,911,887; May 30.
- Fikentscher, Hans. (See Jacobi, B., and Fikentscher.)
- Fikentscher, Hans, Ludwigschafen-on-the-Rhine, and W. Wolf, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products. 1,933,052; Oct. 31.
- Filan, Elef, Hay, Wash. Combination tool. 1,893,737; Jan. 10.
- Fildes, Frederick K., Altoona, Pa. Transportation container. 1,892,698; Jan. 8.
- Fildes, Frederick K., Altoona, Pa. Transportation container. 1,926,439; Sept. 12.
- File, Gordon C., Buchanan, Mich. Clutch mechanism. 1,906,926; May 2.
- Filer Fibre Company. (See Rosmait, John A., assignor.)
- Filer & Stowell Co., The. (See Pelton, George M., assignor.)
- Files, Adino F., assignor to The Files Packaging Machine Company, Maumee, Ohio. Food fat and oil coloring material. 1,921,738; Aug. 8.
- Files Packaging Machine Company, The. (See Files, Adino F., assignor.)
- Filippi, John F., Woodside, C. A. M. Masek, New York, and P. B. Levitt, Jackson Heights, assignors to Doherty Research Company, New York, N. Y. Welded high pressure renewable pipe joint. 1,926,517; Sept. 12.
- Filippo, Hendrik, Eindhoven, Netherlands, assignor to Radio Corporation of America. Discharge tube. 1,922,672; Aug. 15.
- Filippo, Hendrik, Eindhoven, Netherlands, assignor to Radio Corporation of America. Reducing electrical leakage in discharge tubes. 1,922,673; Aug. 15.
- Filkins, Arthur J., Chicago, Ill. Portable locomotive drafting device. 1,935,839; Nov. 21.
- Fillauer, George W., Chattanooga, Tenn. Medicine dispenser. 1,898,435; Feb. 21.
- Filliol, Louis A. D., Pantin, France. Engine with adjustable compression chamber. 1,936,785; Nov. 28.
- Filkwik Company. (See Shields, Andrew G., assignor.)
- Filter, Frank R., Boston, Mass., assignor to Socony-Vacuum Corporation, New York, N. Y. Crank case pit. 1,910,157; May 23.
- Filtration Equipment Corporation. (See Laughlin, William C., assignor.)
- Filtration Equipment Corporation. (See Laughlin, W. C., and Asch, assignors.)
- Filtrol Company. (See Belden, Daniel S., assignor.)
- Filtrol Company of California. (See Baylis, Walter S., assignor.)
- Filtrol Company of California. (See Baylis, W. S., and Belden, assignors.)
- Filtrol Company of California. (See Belden, Daniel S., assignor.)
- Fina, Valentine, assignor to Milwaukee Valve Company, Milwaukee, Wis. Boiler return trap. 1,906,052; Apr. 25.
- Finch, Brent S. and R. S. Cincinnati, Ohio. Revolvable illuminated signal. 1,895,543; Jan. 31.
- Finch, Caleb F., Providence, R. I., assignor to Reu Fastener Company. Fastening device. 1,909,941; May 23.
- Finch, Fred E., Reading, Pa. Count checking device for packaged coins. 1,903,621; Apr. 11.
- Finch, Harold L. (See Horner, G. L., and Finch.)
- Finch, Herbert I., St. Louis, and L. M. Persons, Clayton, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Adjustable ceiling fan. 1,935,314; Nov. 14.
- Finch, James L. (See Carter, P. S., and Finch.)
- Finch, James L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling. 1,928,783; Oct. 3.
- Finch, Raymond C. (See Attwood, C. E., and Finch.)
- Finch, Raymond J., Schenectady, N. Y. Locomotive drive rod mechanism. 1,936,159; Nov. 21.
- Finch, Robert S. (See Finch, Brent S. and R. S.)
- Finch, William G. H., New York, N. Y. Telegraph printer system. 1,932,579; Oct. 31.
- Finch, Willis E. (See Stimpson, W. F., and Finch.)
- Fincham, Fred. (See Terry, W. B., and Fincham.)
- Finch, Joseph L., Washington, D. C. Heat insulating structure. 1,923,195; Aug. 22.
- Fincke, Clara K., Kansas City, Kans. Work-holder for darning, mending, embroidering, etc. 1,924,490; Aug. 29.
- Findlater, John J., Ferndale, Mich. Making a composite die element. 1,915,657; June 27.
- Findlay, William E., et al. (See Laub, John G., assignor.)
- Findley, Fred W., Longview, Wash. Speed controls for aircraft. 1,909,894; May 16.
- Findley, William M., New York, N. Y., assignor to Daue Surgical Appliance Corp., Roselle, N. J. Pessary construction. 1,926,518; Sept. 12.
- Fine, Bernard M. (See Cox, J. L., and Fine.)
- Fine, Harry A., College Point, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Attachment for sewing machines. 1,893,582; Jan. 10.
- Fingar, Ralph M. (See Parkhill, M. S., and Fingar.)
- Finger, Jules S., New York, N. Y., assignor to Nusbaum Knitters Inc. Scarf. 1,906,846; May 2.

- Finger, Matt, Wilmington, Del. Valve for truck tires. 1,913,664; June 13.
- Fingerman, Ira, Chicago, Ill. Shoe holder. 1,909,942; May 23.
- Finigan, Edwin P., San Francisco, Calif. Spring board. 1,921,664; Aug. 8.
- Fink, Colin G. (See Vivian, R. E., and Fink.)
- Fink, Colin G., New York, N. Y., assignor to Allegheny Steel Company, Brackenridge, Pa. Improving the resistance of alloy articles to corrosion. 1,893,821; Jan. 10.
- Fink, Colin G., New York, N. Y., assignor to Chemical Treatment Company, Inc. Electrodepositing chromium. 1,904,432; Apr. 18.
- Fink, Colin G., New York, N. Y., and H. D. McLeese, Detroit, Mich. Electrodepositing chromium. 1,928,284; Sept. 26.
- Fink, Colin G., New York, N. Y., and R. D. Eash, East Orange, N. J., assignors to Chemical Treatment Company, Inc., New York, N. Y. Barrel plating apparatus and process. 1,899,679; Feb. 28.
- Fink, Colin G., New York, N. Y., and T. H. Wilber, Bridgeport, Conn., assignors to The Bullard Company. Electrochemical process. 1,927,116; Sept. 19.
- Fink, Gail J., assignor to National Aluminate Corporation, Chicago, Ill. Liquid treatment process. 1,940,409; Dec. 19.
- Fink, Harry L., New York, N. Y. Terrazzo strip. 1,914,115; June 13.
- Fink, Henry. (See Hunt, W. P., and Fink.)
- Fink, Henry A., New York, N. Y., and J. E. Schmidt, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Control mechanism for clinching machine. 1,903,989; Apr. 18.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,899,189; Feb. 28.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,911,888; May 30.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,919,544; July 25.
- Fink, James O., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 1,939,888; Dec. 19.
- Fink, Louis, et al. (See Williams, Armand A., assignor.)
- Finkbeiner, Adolf and E. M., Woodmont, Conn. Walking crutch. 1,917,440; July 11.
- Finkbeiner, Elizabeth M. (See Finkbeiner, Adolf and E. M.)
- Finkel, Maurice, A. Weiss, and S. Zove, Philadelphia, Pa. Safety pilot and automatic gas lighter. 1,938,823; Dec. 12.
- Finkelstein, Abraham T., et al. (See Henderson, John B., assignor.)
- Finkelstein, Alexis, Bernburg, Germany. Manufacture of lead oxide. 1,915,724; June 27.
- Finkelstein, Hans, Uerdingen (Niederrhein), assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cellulose nitrate lacquer. 1,900,700; Mar. 7.
- Finkelstein, Hans, Uerdingen, and J. Willems, Crefeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Inhibiting the development of microorganisms. 1,932,338; Oct. 24.
- Finkenwirth, Max, Dahlen, Germany. Measuring stick. 1,895,754; Jan. 31.
- Finkl, A., & Sons Company. (See Finkl, Fred, assignor.)
- Finkl, A., & Sons Company. (See McGrath, James F., assignor.)
- Finkl, Fred, assignor to A. Finkl & Sons Company, Chicago, Ill. Dipper tooth. 1,918,841; July 18.
- Finlay, Alexander. (See Currie, J. N., and Finlay.)
- Finlay, Alexander. (See Currie, J. N., Kane, and Finlay.)
- Finlay, John S., and E. B. Royle, Eureka, Utah. Mucker. 1,906,000; Apr. 25.
- Finlay, John S., and E. B. Royle, Eureka, Utah. Shovel machine. 1,906,001; Apr. 25.
- Finlay, Ansell R., and S. Smith, Mason City, Iowa. Device for distributing and packing cassettes in diffusion battery cells. 1,895,185; Jan. 24.
- Finley, Charles A., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Filing cabinet. 1,921,387; Aug. 8.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Covering structure. 1,899,385; Feb. 28.
- Finley, Dozier, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Covering structure. 1,908,414; May 9.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Covering material and making the same. 1,911,357; May 30.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,920,901; Aug. 1.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Roofing material. 1,920,931; Aug. 1.
- Finley, Dozier, Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Pipe wrapping machine. 1,920,932; Aug. 1.
- Finley, Henry B., Pennington, N. J. Collapsible tube structure. 1,917,833; July 11.
- Finley, James A. (See Wilson, C. P., and Finley.)
- Finley, James A., Claremont, and C. P. Wilson, Pomona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Food product and making the same. 1,925,441; Sept. 5.
- Finn, Edward D., assignor to Detroit Trust Company, Detroit, Mich. Battery construction. 1,907,420; May 2.
- Finn, John, Jr., San Francisco, Calif. Apparatus for purifying exhaust gas. 1,919,626; July 25.
- Finn, Robert R. (See Bysshe, E. T., and Finn.)
- Finn, Sidney J. (See Macleod, A. A., and Finn.)
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole laying machine. 1,902,325; Mar. 21.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole laying machine. 1,902,399; Mar. 21.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sheet-separating apparatus. 1,905,835; Apr. 25.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe support. 1,913,437; June 13.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole laying machine. 1,920,977; Aug. 8.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,921,075; Aug. 8.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Foxing treating machine. 1,927,064; Sept. 19.
- Finnegan, George B., jr. (See Durham, H. N., and Finnegan.)
- Finnegan, William J., Atlanta, Ga. Method and apparatus for rapid freezing and handling of comestibles. 1,925,033; Aug. 29.
- Finnell System, Inc. (See Finnell, Walter S., assignor.)
- Finnell, Walter S., Elkhart, Ind. Floor waxing machine. 1,898,357; Feb. 21.
- Finnell, Walter S., Elkhart, Ind. Floor mopping machine. 1,910,325; May 23.
- Finnell, Walter S., assignor to Finnell System, Inc., Elkhart, Ind. Floor machine. 1,933,846; Nov. 7.
- Finnes, David. (See Heale, H. T., and Finnes.)
- Finney, George W., East Chicago, Ind. Open hearth furnace. 1,936,621; Nov. 28.
- Finney, John H. V., Denver, Colo., assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Alarm device. 1,933,548; Nov. 7.
- Finsen, Eyvind, assignor to Gleason Works, Rochester, N. Y. Automatic throw-out mechanism for gear cutting machines. 1,905,456; Apr. 25.
- Finska Elektrokemiska Aktiebolaget. (See Björkman, P. O., and Ivanoff, assignors.)
- Finsterwalder, Ulrich. (See Dischinger, F., and Finsterwalder.)
- Fintex Corporation, The. (See Bloch, Samuel M., assignor.)
- Flore, Sylvester, Coatesville, Pa. Collapsible tube. 1,927,605; Sept. 19.
- Fiorelli, Ferdinando, "Terni", assignor to Terni Società per l'Industria e l'Elettricità, Rome, Italy. Cooling device for the heads of furnaces. 1,906,789; May 2.
- Fiorino, Vincent, Chicago, Ill. Wind instrument. 1,924,399; Aug. 29.
- Fire Alarm Signal Company. (See Hixon, Alfred J., assignor.)
- Firebar Corporation. (See Buckley, John J., assignor.)
- Firebar Corporation. (See Thompson, James S., assignor.)
- Firebar Corporation. (See Watson, Robert, assignor.)
- Fire King Co., The. (See Snively, Earl R., assignor.)
- Fire King Company, Inc. (See Snively, Earl R., assignor.)
- Firestein, Max, assignor to Max Factor & Co., Inc., Los Angeles, Calif. Measuring for toupees and the like. 1,906,954; May 2.
- Firestone Battery Company. (See Lewis, Robert H., assignor.)
- Firestone, David, Canton, Ohio. Support for shade rollers and curtain and drapery rods. 1,903,728; Apr. 11.
- Firestone Footwear Company. (See Carrier, George B., assignor.)
- Firestone Steel Products Company, The. (See Adams, Leland R., assignor.)
- Firestone Steel Products Company, The. (See Brink, Winfield S., assignor.)
- Firestone Steel Products Company, The. (See Swain, Joseph G., assignor.)
- Firestone Tire & Rubber Company, The. (See Allen, Raymond W., assignor.)
- Firestone Tire & Rubber Company, The. (See Begley, W. E., and McGregor, assignors.)
- Firestone Tire & Rubber Company. (See Brown, Roy W., assignor.)
- Firestone Tire & Rubber Company, The. (See Brown, R. W., and Bosomworth, assignors.)
- Firestone Tire & Rubber Company, The. (See Bush, Albert A., assignor.)
- Firestone Tire & Rubber Company, The. (See Gardiner, N. E., and Nichols, assignors.)
- Firestone Tire and Rubber Company. (See Hargraves, Albert, assignor.)
- Firestone Tire & Rubber Company, The. (See Hoover, Clair G., assignor.)

- Firestone Tire & Rubber Company, The. (See Karl, William A., assignor.)
- Firestone Tire & Rubber Company, The. (See Kilbourne, Frederick L., Jr., assignor.)
- Firestone Tire & Rubber Company, The. (See Kilbourne, F. L., Jr., and Street, assignors.)
- Firestone Tire & Rubber Company, The. (See Maus, Tenynson D., assignor.)
- Firestone Tire & Rubber Company, The. (See McGregor, H. H., and Eck, assignors.)
- Firestone Tire & Rubber Company, The. (See Mullin, George F., assignor.)
- Firestone Tire & Rubber Company, The. (See Nichols, G. B., Flener, and Stevens, assignors.)
- Firestone Tire and Rubber Company, The. (See Nichols, G. B., and Russell, assignors.)
- Firestone Tire & Rubber Company, The. (See Robertson, Isaac W., assignor.)
- Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
- Firestone Tire & Rubber Company, The. (See Saurer, C., and Robertson, assignors.)
- Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
- Firestone Tire & Rubber Company, The. (See Wait, Edgar F., assignor.)
- Firestone, Vance S., assignor to Arcade Manufacturing Company, Freeport, Ill. Mechanically-operated bucket. 1,901,555; Mar. 14.
- Firestone, Vance S., assignor to Arcade Manufacturing Company, Freeport, Ill. Molding machine. 1,931,185; Oct. 17.
- Firestone, Vance S., and F. Sward, assignors to Arcade Manufacturing Company, Freeport, Ill. Brush holder. 1,906,902; May 2.
- Firl, Milton, Meyersdale, Pa. Adjustable holder for grain and the like bags or sacks. 1,923,816; Aug. 22.
- First-Central Trust Company, The, trustee. (See Harris, Howard C., assignor.)
- First, Mahlon E. (See Snow, K. F., and First.)
- First and Merchants National Bank et al., executors. (See Chesley, Almond L.)
- First National Bank. (See Kaufmann, John, assignor.)
- First National Bank of Chattanooga, The. (See Leventhal, Jacob F., assignor.)
- First Textile Corporation, The. (See Billstein, Albert K., assignor.)
- Firth, David, assignor to Marvel Carburetor Company. Flint, Mich. Automatic control of exhaust gases for mixture heating. 1,903,446; Apr. 11.
- Firth, Rowland V. D., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device for bearings. 1,900,924; Mar. 14.
- Firth-Smith Company. (See Smith, William J., assignor.)
- Firth-Sterling Steel Company. (See Comstock, Gregory J., assignor.)
- Firth-Sterling Steel Company. (See Schultz, William J., assignor.)
- Firth, Thos., & John Brown Limited. (See Hatfield, William H., assignor.)
- Firtion, Harold L., Warehouse Point, assignor to The Montgomery Company, Windsor Locks, Conn. Mop. 1,901,842; Mar. 14.
- Fischbein, David, Minneapolis, Minn. Fan attachment for sewing machines. 1,919,782; July 25.
- Fischel, Paul F. (See Lyman, W. H., and Fischel.)
- Fischer, Albert. (See Baumann, P., Schilling, and Fischer.)
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional material. Re18,765; Mar. 14.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion and contraction joint. 1,898,943; Feb. 21.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion joint. 1,899,435; Feb. 28.
- Fischer, Albert C., Chicago, Ill., assignor to the Philip Carey Manufacturing Company. Expansion joint. 1,901,870; Mar. 21.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Combined expansion and contraction joint. 1,902,944; Mar. 28.
- Fischer, Albert C., Chicago, Ill., assignor, by mesne assignments, to The Philip Carey Manufacturing Company. Expansion joint for concrete roads. 1,903,756; Apr. 18.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional unit. 1,905,375; Apr. 25.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Roofing mastic. 1,905,376; Apr. 25.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion joint. 1,907,416; May 2.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Surfacing unit. 1,907,417; May 2.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Premolded expansion joint prepared from bituminous rubber substitutes. 1,911,139; May 23.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Composition of matter. 1,911,140; May 23.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Roofing member with marginal ridges. 1,911,141; May 23.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Construction material. 1,917,930; July 11.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional material. 1,924,047; Aug. 22.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Pavement marking device. 1,926,895; Sept. 12.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Shingle. 1,927,436; Sept. 19.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Roofing. 1,928,285; Sept. 26.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Roofing element. 1,936,327; Nov. 21.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Air, moisture, and soundproof materials. 1,939,004; Dec. 12.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Paving. 1,941,435; Dec. 26.
- Fischer, Albert F., Mason City, Iowa. Arched metallic culvert. 1,926,843; Sept. 12.
- Fischer, Benjamin, New York, N. Y. Child's leggings. Des. 89,951; May 23.
- Fischer, Benjamin, New York, N. Y. Child's sleeping garment. 1,913,270; June 6.
- Fischer, Benjamin, New York, N. Y. Child's garment. 1,934,179; Nov. 7.
- Fischer, Carl, Wuppertal-Barmen, Germany. Whistle for cooking vessels. 1,926,479; Sept. 12.
- Fischer, Edward J. P., and C. C. Crane, assignors to Keystone Steel & Wire Company, Peoria, Ill. Coated iron or steel article and making the same. 1,910,385; May 23.
- Fischer, Emanuel M., New York, N. Y., assignor to The Hamersley Manufacturing Co., Garfield, N. J. Waxed paper roll. 1,909,527; May 16.
- Fischer, Erich, Bad Soden-on-the-Taunus, and A. Kissling and H. Kracker, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New ortho-aniline-sulfonic acid. 1,917,441; July 11.
- Fischer, Eugene H., Windsor, assignor to The Hartford Faience Company, Hartford, Conn. Apparatus for molding insulators. 1,929,737; Oct. 10.
- Fischer, Franz, and H. Pichler, Mulheim-on-the-Ruhr, Germany. Producing hydrocarbons having a high carbon content from hydrocarbons having a low carbon content. 1,940,209; Dec. 19.
- Fischer, Franz, and R. Lieske, Mulheim-on-the-Ruhr, Germany. Biologically transforming carbon monoxide into methane. 1,940,944; Dec. 26.
- Fischer, Franz J., assignor to Koch & Sterzel Aktiengesellschaft, Dresden, Germany. High voltage winding. 1,935,182; Nov. 14.
- Fischer, Franz J., and K. A. Sterzel, assignors to Koch & Sterzel Aktiengesellschaft, Dresden, Germany. High tension transformer. 1,898,944; Feb. 21.
- Fischer, Frederick C., Newark, N. J. Device for converting carbon monoxide. 1,932,927; Oct. 31.
- Fischer, Fritz. (See Hartmann, A., Höfinghoff, and Fischer.)
- Fischer, Heinrich. (See Schmidt, O., Treppenhauer, Grosskinsky, and Fischer.)
- Fischer, Herbert G. M. (See Lebo, R. B., and Fischer.)
- Fischer, Herbert G. M., Westfield, and C. E. Gustafson, Elizabeth, N. J., assignors to Standard Oil Development Company. Hydrocarbon oils and making the same. 1,904,433; Apr. 18.
- Fischer, Hermann O., and F. B. Fuller, assignors to Package Machinery Company, Springfield, Mass. Paper feeding mechanism. 1,927,585; Sept. 19.
- Fischer, Howard L., assignor to W. H. Deubener, St. Paul, Minn. Bag and making the same. 1,901,858; Mar. 14.
- Fischer, Johannes, Karlsruhe, Germany, assignor to N. V. Instrumentfabriek en-Handel voorheen P. J. Kipp en Zonen, Delft, Netherlands. Thermal meter. 1,934,595; Nov. 7.
- Fischer, John J., G. A. Zorn, and C. J. Harris, assignors to W. A. Rosenau, Waukesha, Wis. Blower mill. 1,934,180; Nov. 7.
- Fischer, Max W. (See Johnson, L. P., Westfall, and Fischer.)
- Fischer, Robert W. (See Hadley, C. S., and Fischer.)
- Fischer, Samuel M., Pittsburgh, Pa. Supporting stand for porch gliders. 1,905,557; Apr. 25.
- Fischer, Siegfried, Jr., Los Angeles, Calif. Measuring oiliness of substances. 1,895,154; Jan. 24.
- Fischer, Theodor, Cassel, Germany, assignor to The Superheater Company, New York, N. Y. Superheater for high pressure boilers. 1,924,918; Aug. 29.
- Fischer, Thomas. (See Caro, N., Frank, Siebert, Wendlandt, and Fischer.)

Fischer, Thomas. (See Caro, N., Frank, Wendlandt, and Fischer.)

Fischer, William E., Bethlehem, Pa. Split bushing for tool posts and similar application of use. 1,920,141; July 25.

Fischesser, Alfred, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing animal fibers. 1,903,175; Mar. 28.

Fischmann, Ladislaus. (See Tauber, S., and Fischmann.)

Fischmann, Nettie, St. Louis, Mo. Dress. Des. 89,692; Apr. 25.

Fischmann, Nettie, St. Louis, Mo. Lady's suit. Des. 89,693; Apr. 25.

Fiset, Alphonse, Cambridge, Mass. Abrading, polishing, or like surfacing tool. 1,902,844; Mar. 28.

Fish, Allen M., Joliet, Ill. Internal combustion engine. 1,923,480; Aug. 22.

Fish, Clifford E. (See Miller, J. H., and Fish.)

Fish, Earl R., assignor to W. C. Lipe Inc., Syracuse, N. Y. Transmission gearing. 1,938,824; Dec. 12.

Fish, Gilbert D. (See James, H. D., and Fish.)

Fish, Gilbert D., Pelham, N. Y., assignor to F. S. Lyon, Minneapolis, Minn. Suspended railway switch. 1,903,386; Apr. 4.

Fishback, Randolph R., Versailles, Ky. Stove for curing tobacco. 1,933,475; Oct. 31.

Fishburn, John E., London, England. Motor vehicle mileage meter. 1,933,104; Oct. 31.

Fishburn, Otto E., Muncie, Ind. Roller clutch. 1,931,316; Oct. 17.

Fishburn, Otto E., Muncie, Ind. Roller clutch. 1,931,317; Oct. 17.

Fishburn, Otto E., Muncie, assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Overrunning clutch mechanism. 1,899,500; Feb. 28.

Fishburn, Otto E., Muncie, assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Overrunning clutch. 1,906,560; May 2.

Fishburn, Otto E., Muncie, assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Clutch mechanism. 1,930,711; Oct. 17.

Fishburn, Otto E., assignor to Warner Gear Company, Muncie, Ind. Brake. 1,941,167; Dec. 26.

Fishel, Leo J., New York, N. Y. Frame and connecting parts for tetrahedral kites. 1,937,880; Dec. 5.

Fisher, Adam, Palisades Park, N. J., assignor to International Patents Development Company, Wilmington, Del. Tension control for label pasting belts. 1,895,315; Jan. 24.

Fisher, Albert H., East Cleveland, Ohio, assignor to Kex Company, Incorporated, St. Louis, Mo. Tire casing repair apparatus. 1,901,231; Mar. 14.

Fisher, Alfred, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of heavy hydrocarbons. 1,912,629; June 6.

Fisher, Alfred, Elizabeth, N. J., assignor to Universal Oil Products Company, Chicago, Ill. Carbonaceous fuel and producing same. 1,916,306; July 4.

Fisher Body Corporation. (See Johnston, David R., assignor.)

Fisher, Carl V., Haddonfield, N. J. Splint. 1,934,346; Nov. 7.

Fisher, Carrol, Brooklyn, N. Y. Pipe wrench. 1,927,738; Sept. 19.

Fisher, Charles W., South Bend, Ind. Binding for furniture and automobiles. 1,928,250; Sept. 26.

Fisher, Clement R., Terre Haute, Ind. Fruit picker. 1,895,155; Jan. 24.

Fisher, David, Paden City, W. Va. Saucer. Des. 89,390; Mar. 7.

Fisher, David, Paden City, W. Va. Cup. Des. 89,391; Mar. 7.

Fisher, Edwin H., assignor to Fisher Scientific Company, Pittsburgh, Pa. Laboratory clamp. 1,895,156; Jan. 24.

Fisher, Edwin H., assignor to Fisher Scientific Company, Pittsburgh, Pa. Laboratory burette holder. 1,915,725; June 27.

Fisher, Elbert E., and M. A. Baernstein, assignors to National Pigments and Chemical Company, St. Louis, Mo. Making clay products. 1,922,083; Aug. 15.

Fisher, Elbert E., and M. A. Baernstein, assignors to National Pigments and Chemical Company, St. Louis, Mo. Treating alloys. 1,940,678; Dec. 26.

Fisher, Ernest F., St. Louis, Mo. Cooling system. 1,895,652; Jan. 31.

Fisher, Ernest F., St. Louis, Mo. Heating apparatus. 1,913,980; June 13.

Fisher, Ernest F., St. Louis, Mo. Heating apparatus. 1,923,083; Aug. 22.

Fisher Flouring Mills Co. (See Fisher, O. W., Walter, and Cook, assignors.)

Fisher Flouring Mills Co. (See Fisher, O. W., Walter, and Weatherstone, assignors.)

Fisher, Frances E., Twin Falls, Idaho. Educational device. 1,904,723; Apr. 18.

Fisher, Frank E., Elmira, N. Y. Spring shackle. 1,921,665; Aug. 8.

Fisher, Frank F., Detroit, Mich. Tube end cleaner. 1,924,682; Aug. 29.

Fisher, Fred D., assignor to Scientific Brake Service Laboratories, Inc., Chicago, Ill. Advertising device. 1,903,103; Mar. 28.

Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Core forming machine for electrical apparatus and making cores. 1,920,155; July 25.

Fisher, George A., Milledgeville, assignor to Nu-Wa Service Company, Baldwin County, Ga. Sealing and identifying device for display holders. 1,914,773; June 20.

Fisher, Gerhard R., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Air craft compass. 1,915,274; June 27.

Fisher, Gordon G., Indianapolis, Ind. Level protractor. 1,931,490; Oct. 24.

Fisher Governor Company, The. (See Browne, Lyle W., assignor.)

Fisher Governor Company, The. (See Elfers, Paul A., assignor.)

Fisher, Guy B., Blandlake, Tex. Plow. 1,900,701; Mar. 7.

Fisher, Guy B., Blandlake, Tex. Saw. 1,900,702; Mar. 7.

Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method of and apparatus for resolving oil-water suspensions and loose emulsions. 1,932,093; Oct. 24.

Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Treated oil settling device. 1,940,794; Dec. 26.

Fisher, Harold J., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice operated circuit. 1,939,680; Dec. 19.

Fisher, Harold W., assignor to Standard-I. G. Company, Baton Rouge, La. Hydrogenation of hydrocarbon oils. 1,920,140; July 25.

Fisher, Harry C., Norwood, assignor to The Richardson Company, Lockland, Ohio. Composite structure. 1,924,601; Aug. 29.

Fisher, Harry C., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Production of pulps containing thermoplastic substances. 1,925,584; Sept. 5.

Fisher, Harry C., Cincinnati, and H. Fiedler, assignors to The Richardson Company, Lockland, Ohio. Paper keg. 1,923,716; Aug. 22.

Fisher, Harry C., Norwood, and C. L. Keller, Cincinnati, assignors to The Richardson Company, Lockland, Ohio. Dust guard. 1,939,492; Dec. 12.

Fisher, Harry L., Leonia, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Vulcanizing rubber. 1,918,328; July 18.

Fisher, Harry L., Leonia, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Composite product and method of making. 1,926,867; Sept. 12.

Fisher, Herman W., Philadelphia, Pa. Fluid dispensing device. 1,929,884; Oct. 10.

Fisher Hosiery Co. Inc. (See Katzenmoyer, Harry E., assignor.)

Fisher, J. M. Co. (See Giles, Charles W., assignor.)

Fisher, Jacob E., assignor of one-half to G. R. Feuerlein, Detroit, Mich. Antiglare device for headlights. 1,926,717; Sept. 12.

Fisher, James B., assignor to Waukesha Motor Company, Waukesha, Wis. Oil cooling means. 1,928,931; Oct. 3.

Fisher, James P., Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y. Cold treating metal tubing. 1,930,745; Oct. 17.

Fisher, James P., Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y. Pipe joint. 1,937,881; Dec. 5.

Fisher, James P., and G. F. Downs, Bartlesville, Okla., assignors to Empire Oil & Refining Company, Dover, Del. Cleaning gas. 1,915,987; June 27.

Fisher, John F., Santa Cruz, Calif. Accelerator pedal for automobiles. 1,893,075; Jan. 3.

Fisher, John M., Ford City, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for use in the manufacture of sheet glass. 1,934,794; Nov. 14.

Fisher, Laurence, New York, N. Y. Record. 1,931,287; Oct. 17.

Fisher, Leo H., Huntingburg, Ind. Body fitting writing board. 1,894,559; Jan. 17.

Fisher, Martin M., Seattle, Wash. Skate shoe grinder. 1,919,545; July 25.

Fisher, Orin W., R. E. Walter, and H. B. Weatherstone, assignors to Fisher Flouring Mills Co., Seattle, Wash. Intermittently-operating controlling device. 1,906,943; May 2.

Fisher, Orin W., R. E. Walter, and J. N. Cook, assignors to Fisher Flouring Mills Co., Seattle, Wash. Grain valve and means for operating the same. 1,907,773; May 9.

Fisher, Raymond, Ridgewood, N. J. Shaping hedges. 1,895,282; Jan. 24.

Fisher, Roy S., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Electrodynamic reproducer. 1,906,196; Apr. 25.

Fisher Scientific Company. (See Fisher, Edwin H., assignor.)

Fisher, Sol, Cleveland, Ohio. Hair waving and curling rod. 1,895,653; Jan. 31.

Fisher, Teddy B., assignor to Universal Oil Products Company, Chicago, Ill. Ferrule for furnace tubes. 1,927,163; Sept. 19.

Fisher, Thomas H., Chicago, Ill. Portable lighting device and fuel therefor. 1,895,032; Jan. 24.

Fisher, W. R., Frankenmuth, Mich. Tool retainer. 1,934,415; Nov. 7.

- Fisher, Walter S., Toledo, Ohio, assignor to The Willys-Overland Company. Engine mounting. 1,908,639; May 9.
- Fisher, Walter S., assignor to The Willys Overland Company, Toledo, Ohio. Oiling system. 1,929,398; Oct. 3.
- Fisher, Walter S., assignor to The Willys Overland Company, Toledo, Ohio. Lubricating system for sleeve valve engines. 1,934,051; Nov. 7.
- Fisher, William C., assignor to W. & J. Sloane, New York, N. Y. Upholstered article. 1,908,233; May 9.
- Fisher, William C., assignor to W. & J. Sloane, New York, N. Y. Upholstered article. 1,933,372; Oct. 31.
- Fisher, Winfield S., Elmhurst, Ill. Saliva ejector rest. 1,930,196; Oct. 10.
- Fishman, Joseph F., New York, N. Y. Speaking device. 1,930,426; Oct. 10.
- Fisk, Andrew J., Serres, Greece. Treating the skin and device therefor. 1,936,129; Nov. 21.
- Fisk, Ernest T., Sydney, New South Wales, Australia. Sound suppressing ventilator. 1,896,053; Jan. 31.
- Fisk, Gustaf L. (See Iversen, L., Fisk, and Raisig.)
- Fisk, Gustaf L., assignor to Mesta Machine Company, Pittsburgh, Pa. Cooling bed. 1,904,434; Apr. 18.
- Fisk, Gustaf L., assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 1,910,889; May 23.
- Fisk, Gustaf L., assignor to Mesta Machine Company, Pittsburgh, Pa. Cooling bed. 1,921,353; Aug. 8.
- Fisk, Gustaf L., assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for handling materials. 1,937,194; Nov. 28.
- Fisk, Henry D., assignor, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Corn harvesting machine. 1,901,092; Mar. 14.
- Fisk Rubber Company, The. (See Bearman, Harry C., assignor.)
- Fisk Rubber Company, The. (See Castircum, Martin, assignor.)
- Fisk Rubber Company, The. (See Desautels, Charles H., assignor.)
- Fisk Rubber Company, The. (See Dexter, Albert J., assignor.)
- Fisk Rubber Company, The, et al. (See Hubach, Gustave.)
- Fisk Rubber Company, The. (See Labine, Roland A., assignor.)
- Fisk Rubber Company, The. (See Mather, George L., assignor.)
- Fisk Rubber Company. (See Maynard, Charles E., assignor.)
- Fisk Rubber Company. (See Mead, George J., assignor.)
- Fisk Rubber Company, The. (See Soulen, Harry B., assignor.)
- Fisk Rubber Company, The. (See Wikle, George F., assignor.)
- Fiske, Albert P., Hohokus, N. J. Pipe holder. 1,919,362; July 25.
- Fiske, Bradley A., New York, N. Y. Reading machine. 1,929,199; Oct. 3.
- Fiske & Company Inc. (See Colbert, Clarence L., assignor.)
- Fisken, Graeme K., Waterloo, Ontario, Canada. Telephone message recording device. 1,910,685; May 23.
- Fiskin, Leslie D., Darrouzett, Tex. Vehicle dump. 1,903,176; Mar. 28.
- Fisler, Gottfried, Cleveland, Ohio. Electric comb. 1,937,882; Dec. 5.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. System and apparatus for handling freight. Re18,752; Feb. 28.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Apparatus for transferring freight. 1,894,950; Jan. 24.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Apparatus for transferring freight. 1,894,951; Jan. 24.
- Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, Wilmington, Del. Crane. 1,927,933; Sept. 26.
- Fitch, Charles E. (See Burns, B., and Fitch.)
- Fitch, Elbert L., Newburgh, N. Y. Capsule filling machine. 1,905,279; Apr. 25.
- Fitch, Ellery R., Westwood, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pneumatic steering device. 1,910,600; May 23.
- Fitch, Gilbert N., Oakland, Calif. Sectional clothesline. 1,927,341; Sept. 19.
- Fitch, Hurshel H., and E. L. Frauenfelder, assignors, by mesne assignments, to Auburn Foundry Inc., Auburn, Ind. Combined rotary and reciprocating pump. 1,936,935; Nov. 28.
- Fitch, Hurshel H., and E. L. Frauenfelder, assignors to Auburn Foundry, Inc., Auburn, Ind. Pumping apparatus. 1,940,410; Dec. 19.
- Fitch, Jason A., and C. D. Watson, Youngstown, Ohio. Making nuts. 1,925,753; Sept. 5.
- Fitch, Louis, H., jr., assignor to Phillips Petroleum Company, Bartlesville, Okla. Absorption system. 1,929,841; Oct. 10.
- Fitch, William A., Schenectady, N. Y., assignor to General Electric Company. Resistance-capacitance coupled amplifier. 1,941,345; Dec. 26.
- Fitzger California Company. (See Brown, Russell L., assignor.)
- Fitterer, Otto, Milwaukee, Wis. Stopper plug. 1,898,658; Feb. 21.
- Fitts, James L., Merchantville, N. J., assignor to Warren Webster & Company. Pressure reducing valve. 1,911,561; May 30.
- Fitz, Charles L., Chicago, Ill. Camera. 1,931,983; Oct. 24.
- Fitz, George W., Peconic, N. Y. Micropincette. 1,931,344; Oct. 17.
- Fitz Gerald, Alan S., Wynnewood, Pa. Electric fault responsive apparatus. 1,929,059; Oct. 3.
- Fitz Gerald, Alan S., Wynnewood, Pa. Alternating current power translating or control circuits. 1,929,060; Oct. 3.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Fault responsive apparatus. Re19,034; Dec. 26.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric translation circuits. 1,893,766; Jan. 10.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric regulator. 1,893,768; Jan. 10.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric power converting apparatus. 1,902,495; Mar. 21.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. High frequency measurement. 1,902,496; Mar. 21.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Regulating system. 1,911,074; May 23.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric control system. 1,914,201; June 13.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric power converting apparatus. 1,917,107; July 4.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Photo-electric system. 1,919,132; July 18.
- Fitz Gerald, Alan S., assignor to Radio Corporation of America, Wynnewood, Pa. Exercising apparatus. 1,919,627; July 25.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric power converting apparatus. 1,919,976; July 25.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric valve converting apparatus. 1,919,977; July 25.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electric regulator. 1,926,275; Sept. 12.
- Fitz Gerald, Alan S., Wynnewood, Pa., assignor to General Electric Company. Electroresponsive apparatus. 1,931,069; Oct. 17.
- Fitz Gerald, Alan S., Wynnewood, Pa., and F. L. Gaines, Berkeley, Calif., assignors to General Electric Company. Electric regulator. 1,893,767; Jan. 10.
- Fitz Gerald, Alan S., Wynnewood, and C. J. Young, Ardmore, Pa., assignors to General Electric Company. Speed regulator. 1,907,531; May 9.
- Fitzgerald, Arthur G., et al. (See Aden, John C., assignor.)
- Fitzgerald, Arthur H. (See Boldman, J. E., and Fitzgerald.)
- Fitzgerald, Edward, and R. M. Gleason, Franklin, Ohio. Roll drive. 1,923,360; Aug. 22.
- Fitz Gerald, Gerald W., Swampscott, assignor to Beacon Enameled Products, Inc., Athol, Mass. Tray and making the same. 1,910,888; May 23.
- Fitzgerald, James J., Brooklyn, assignor to The American Tobacco Company, New York, N. Y. Tobacco receptacle. 1,935,840; Nov. 21.
- Fitz Gerald, John A. (See Maury, A. D., and Fitz Gerald.)
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 1,905,836; Apr. 25.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch. 1,919,278; July 25.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Holder for writing instruments. 1,926,376; Sept. 12.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Writing instrument holder. 1,927,164; Sept. 19.
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Martin D., assignor.)
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Maurice F., assignor.)
- Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
- Fitzgerald Manufacturing Company, The. (See Reichold, Ludwig, assignor.)
- Fitzgerald, Martin D., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Gasket. 1,903,990; Apr. 18.
- Fitzgerald, Martin D., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Cylinder head gasket. 1,911,226; May 30.
- Fitzgerald, Martin D., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Apparatus for laminating materials. 1,915,221; June 20.

- Fitzgerald, Martin D., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Prick punching machine. 1,925,034; Aug. 29.
- Fitzgerald, Martin D., assignor to the Fitzgerald Mfg. Company, Torrington, Conn. Gasket. 1,935,552; Nov. 14.
- Fitz Gerald, Martin E., Danville, Ill., assignor to Universal Draft Gear Attachment Company. Car journal protector. 1,893,279; Jan. 8.
- Fitzgerald, Maurice F., Winsted, assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electric toaster. 1,926,938; Sept. 12.
- Fitzgerald, Maurice F., assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Relay. 1,927,775; Sept. 19.
- Fitzgerald, Maurice F., Winsted, assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Timed electric toaster. 1,931,345; Oct. 17.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Mfg. Company, Torrington, Conn. Casing for a rotary cutting implement. Des. 89,424; Mar. 7.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Food mixing, juice extracting and grinding apparatus. Des. 89,565; Apr. 4.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electric utility device and motor assembly. 1,898,945; Feb. 21.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Stand adjustment for electrical utility devices. 1,898,946; Feb. 21.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Driving attachment for mixing bowls. 1,898,986; Feb. 21.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Beater construction. 1,919,101; July 18.
- Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Separable beater for mixing devices. 1,919,102; July 18.
- Fitzgerald, Reginald P. (See Fitzgerald, William H. J. and R. P.)
- Fitzgerald, Thomas, Des Moines, Iowa. Dough twisting or braiding machine. 1,906,847; May 2.
- Fitzgerald, Thomas W., Boston, Mass. Socket for electric light bulbs. 1,897,115; Feb. 14.
- Fitzgerald, William H. J., Braintree, assignor to Katches, Inc., Boston, Mass. Fastening device. 1,911,820; May 30.
- Fitzgerald, William H. J., and R. P. Fitzgerald, Braintree, assignors to Pneumatic Drop Hammer Company, Boston, Mass. Drop hammer. 1,924,545; Aug. 29.
- Fitzhugh, Champe G., Washington, D. C. Container. 1,901,742; Mar. 14.
- Fitzky, Wilhelm Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuff and fiber dyed therewith. 1,917,442; July 11.
- Fitzloff, Ray, St. Clair, Minn. Poultry waterer. 1,933,723; Nov. 7.
- Fitzpatrick, Hugh D., Glasgow, Scotland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine guide. 1,906,743; May 2.
- Fitzpatrick, John B., East Orange, N. J., assignor to Westinghouse Lamp Company. Welding metals. 1,900,100; Mar. 7.
- Fitzpatrick, Ray, East Palestine, Ohio. Hanger for pipes and the like. 1,924,353; Aug. 29.
- Fitzpatrick, Walter T., Larchmont, N. Y. Caisson. 1,907,943; May 9.
- Fitz Power, Richard, Hampstead, London, England. Electrical connector. 1,899,824; Feb. 28.
- Fitzsimmons, John F., Auburndale, Mass. Attachment for arm chairs. 1,912,267; May 30.
- Fitzsimmons, John T., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,928,221; Sept. 26.
- Fitzsimmons, John T., assignor to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,928,222; Sept. 26.
- Fitzsimmons, John T., administrator. (See Davis, Charles H., Jr.)
- Fitzsimmons & McAllister, Inc. (See Hamilton, Fred A., assignor.)
- Fitz Simons, Edward C., Charleroi, Pa. Material handling apparatus. 1,908,967; May 16.
- Fiveash, Charles D., Portland, Oreg. Attachment for automatic telephone dials. 1,896,352; Feb. 7.
- Fix, Earl L. (See Kamerer, J. W., and Fix.)
- Fixler Bros., Incorporated. (See Petterson, Viktor, assignor.)
- Flach, Frederic J., assignor to The Metal Specialty Company, Cincinnati, Ohio. Cigarette dispenser. 1,916,757; July 4.
- Flack, A. C. (See Lutes, Arthur M., assignor.)
- Flack, Ole J., Minneapolis, Minn., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,922,845; Aug. 15.
- Flad, Artur, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone system. 1,922,199; Aug. 15.
- Flad, Artur, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Automatic telephone system. 1,941,254; Dec. 26.
- Flader, Fredric E., Morrisville, Pa., assignor of one-third to F. Dobmeier, Buffalo, N. Y. Hydraulic brake. 1,926,988; Sept. 12.
- Flader, Vera F. (See Fensky, Charles, assignor.)
- Fladger, Ralph H., Dallas, assignor of one-half to The Shield Company, Inc., Fort Worth, Tex. Electrically ignited torpedo. 1,918,594; July 18.
- Flaecher, Franz. (See Stolz, F., and Flaecher.)
- Flagg, Ernest, New York, N. Y. Hinge. 1,907,403; May 2.
- Flagg, Ernest, New York, N. Y. Partition wall construction. 1,933,476; Oct. 31.
- Flaherty, Mark, Haddon Heights, N. J., assignor to General Electric Company. Stop means for rotary shafts. 1,901,710; Mar. 14.
- Flaig, J. A., & Son. (See Clem, Benjamin H., assignor.)
- Flam, John. (See Elliott, Harold F., assignor.)
- Flammang, John, University City, and P. L. Bowser, St. Louis, Mo., assignors to The Sterling Corporation, Wilmington, Del. Trunk piston. 1,898,296; Feb. 21.
- Flammer, Howard A., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicator device. 1,904,435; Apr. 18.
- Flammer, Howard A., Newark, N. J., and E. G. Fracker, Grant City, Staten Island, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tuning dial. 1,913,438; June 13.
- Flanagan, Frank J., Detroit, Mich. Antiskid device. 1,930,793; Oct. 17.
- Flanagan, George J., Chicago, Ill., Earle C. Grannan, executor. Bookholder. 1,902,549; Mar. 21.
- Flanagan, George P., Springfield, Mass. Stop motion apparatus. 1,913,379; June 13.
- Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 1,894,442; Jan. 17.
- Flanders, Allen M., and J. T. Dessureau, Barre, Vt. Electric motor-controlling means. 1,924,775; Aug. 29.
- Flanders, Allen M., and J. T. Dessureau, Barre, Vt. Rotatable switch. 1,924,776; Aug. 29.
- Flanders, Allen M., and J. T. Dessureau, Barre, Vt. Limit switch. 1,924,777; Aug. 29.
- Flanders, Allen M., and J. T. Dessureau, Barre, Vt. Automobile signal. 1,924,778; Aug. 29.
- Flanders, Bert W., Middleboro, Mass. Plant protector. 1,910,828; May 23.
- Flanders, George D., Ellsworth, Kans. Poultry feeder and fountain. 1,907,349; May 2.
- Flanders, Paul B., East Orange, N. J., and H. C. Harrison, Port Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 1,954,416; Nov. 7.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Method and machine for grinding chasers. 1,904,304; Apr. 18.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic power transmission and metering device therefor. 1,924,738; Aug. 29.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulically operated feed mechanism for high speed machines. 1,931,652; Oct. 24.
- Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic system and mechanism therefor. 1,936,756; Nov. 28.
- Flanders, William E., Detroit, Mich. Waste conveyer. 1,923,781; Aug. 22.
- Flange and Tools, Inc. (See Hummell, John E., assignor.)
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 1,901,440; Mar. 14.
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 1,909,758; May 16.
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Duplicating machine. 1,928,350; Sept. 26.
- Flanigan, John J., Oak Park, assignor to Vivid, Incorporated, Chicago, Ill. Stand for duplicating machines and the like. 1,928,351; Sept. 26.
- Flannagan, Samuel H., Richmond, Va. Refrigerator water cooler. 1,904,782; Apr. 18.
- Flannery, Vaughan, New York, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Handkerchief or similar article. Des. 89,175; Feb. 7.
- Flanzer, Joseph A., Brooklyn, assignor to Technidyne Corporation, New York, N. Y. Manufacturing resistors. 1,906,848; May 2.
- Flath, Otto S., Chicago, Ill. Retaining wall. 1,907,053; May 2.
- Flather, Herbert H., administrator. (See Flather, Herbert L. and J. H.)
- Flather, Herbert H., et al., administrators. (See Flather, Herbert L.)
- Flather, Herbert L., Nashua, N. H. Work-rotating structure for machine tools. 1,908,592; May 9.
- Flather, Herbert L., Nashua, N. H., deceased; Joseph H. and H. H. Flather, administrators. Work-rotating structure for machine tools. 1,933,524; Oct. 31.
- Flather, Herbert L., deceased, Nashua, N. H.; J. H. and H. H. Flather, administrators. Work-rotating structure for machine tools. 1,937,948; Dec. 5.
- Flather, Herbert L., deceased, and J. H. Flather, Nashua, N. H.; J. H. and H. H. Flather, administrators. Lubricating tool-holding rests for machine tools. 1,937,949; Dec. 5.

- Flather, Joseph H. (See Flather, Herbert L. and J. H., assignors.)
- Flather, Joseph H., et al., administrator. (See Flather, Herbert L.)
- Flatt, John W., Toledo, Ohio. Lead and slug cutter. 1,908,703; May 16.
- Flatter, Carliss E., assignor of one-third to E. Lenkendorf and one-third to G. H. Ward, Winchester, Ind. Lathe attachment for profiling forms for molds. 1,928,373; Sept. 26.
- Flattum, Clarence, et al. (See Stubbjare, Joseph A., assignor.)
- Flaws, John, jr., Cleveland Heights, Ohio, assignor to General Electric Company. Mount making machine. 1,907,532; May 9.
- Flaws, John, jr., Cleveland Heights, Ohio, assignor to General Electric Company. Method of and apparatus for mounting filaments. 1,907,533; May 9.
- Fleaca, John, Cleveland, Ohio. Electrically driven cradle. 1,920,687; Aug. 1.
- Fleck, Anthony G. (See Raisch, W., and Fleck.)
- Fleck, Harry M. (See Fleck, Paul C. and H. M.)
- Fleck, Louis, C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Wall covering material and making the same. 1,936,635; Nov. 21.
- Fleck, Mathias, Torquay, Saskatchewan, Canada. Gate. 1,897,554; Feb. 14.
- Fleck, Mathias, Torquay, Saskatchewan, Canada. Gate. 1,906,903; May 2.
- Fleck, Paul C. and H. M., Cleveland, Ohio. Pressure indicating valve. 1,894,372; Jan. 17.
- Fleckenstein, George A., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread case for sewing machines. 1,931,456; Oct. 17.
- Fleer, Harry H., Quincy, assignor to The Eureka Steel Range Co., St. Clair County, Ill. Cooking stove. Des. 89,881; May 16.
- Fleetwings, Inc. (See de Ganahl, Carl, assignor.)
- Fleetwings, Inc. (See de Ganahl, C., and Robinson, assignors.)
- Flehr, Paul D., San Mateo, Calif. Electrical current wave changing device. Re18,855; June 6.
- Fleisch, Joseph R., Clifton, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. Des. 90,649; Sept. 12.
- Fleischaker, Bernard E., et al. (See Epstein, Perry, assignor.)
- Fleischhammer, Erich. (See Buchhold, T., and Fleischhammer.)
- Fleischel, Gaston, Bleneau, France. Progressive clutch control for automatic gear shifting systems. 1,893,644; Jan. 10.
- Fleischer, Charles. (See Meyer, J., and Fleischer.)
- Fleischer, Dave, Brooklyn, N. Y. Tempo indicating motion picture film. 1,907,774; May 9.
- Fleischer, Max, New York, N. Y. Sound synchronized animated drawing film and producing same. 1,909,339; May 16.
- Fleischer, Rudolf R., Freeport, N. Y. Mirror attachment for motor vehicles. 1,918,802; July 18.
- Fleischhauer, Richard. (See Kalischer, G., and Fleischhauer.)
- Fleischhauer, Richard, and C. Schultis, Frankfurt-on-the-Main-Eichenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Black azodyestuffs and making same. 1,901,390; Mar. 14.
- Fleischli, John A., Clayton, and J. M. Kountzman, assignors to Cupples Company, Manufacturers, St. Louis, Mo. Assembling nuts and bridge washers on valve stems. 1,918,528; July 18.
- Fleischman, Jerome C. (See Kinsley, F. P., and Fleischman.)
- Fleischmann, Frederick A., Drexel Hill, and A. L. Marsh, Philadelphia, Pa. Speedometer. 1,894,308; Jan. 17.
- Fleischmann, Hans, Schwabach, Germany. Corridor trap nest. 1,924,066; Aug. 22.
- Fleischmann, Karl, Flensburg-Murwik, assignor to firm Aug. Klönne, Dortmund, Germany. Apparatus for extinguishing burning oil wells. 1,921,739; Aug. 8.
- Fleischmann, Lionel, Berlin-Grünwald, assignor to General Electric Company. Totally-inclosed dynamo-electric machine. 1,906,849; May 2.
- Fleisher, Walter L., New City, assignor to The Cooling & Air Conditioning Corporation, New York, N. Y. Cooling and drying air. Re18,831; May 16.
- Fleming, Billie A., Miami, Fla. Article of furniture. 1,940,679; Dec. 26.
- Fleming, David H., Clarks Summit, assignor to F. Wesel Manufacturing Company, Scranton, Pa. Machine for making stereotype-matrices. 1,914,497; June 20.
- Fleming, Edward P., and A. L. Labbe, Salt Lake City, Utah, assignors to American Smelting & Refining Company, New York, N. Y. Recovering metallic values from slag. 1,932,656; Oct. 31.
- Fleming, Jared B., and H. C. Preston, Baltimore County, assignors to The Black & Decker Manufacturing Company, Towson, Md. Portable power driven polishing tool. 1,931,893; Oct. 24.
- Fleming, John G., assignor, by mesne assignments, to The Kinneair Manufacturing Company, Columbus, Ohio. Guiding means for sliding doors. 1,936,902; Nov. 28.
- Fleming, John S., Toronto, Ontario, Canada, assignor, by mesne assignments, to Niagara Fold, Inc., Niagara Falls, N. Y. Manifold device for typewriters. 1,924,048; Aug. 22.
- Fleming, John S., Toronto, Ontario, Canada, assignor, by mesne assignments, to Niagara Fold, Inc., Niagara Falls, N. Y. Magnetic plate attachment for planographic presses. 1,939,681; Dec. 19.
- Fleming, John S., assignor to Niagara Fold, Inc., Niagara Falls, N. Y. Carbon pack. 1,937,557; Dec. 5.
- Fleming, Norman O., La Crescenta, Calif. Cooling tower. 1,941,000; Dec. 26.
- Fleming, Ralph R., Paterson, N. J. Vacuum valve. 1,921,915; Aug. 8.
- Fleming, Robert, Whangarei, New Zealand. Electric iron. 1,918,693; July 18.
- Fleming, Robert G., Chico, Calif., assignor to G. H. Hall, Evanston, Ill. Harvester. 1,927,281; Sept. 19.
- Fleming, Robert W., Washington, D. C. Aircraft. 1,939,682; Dec. 19.
- Fleming, Theodore B., Princeton, Ind., assignor to Blaw-Knox Company, Blawnox, Pa. Structural tower. 1,939,964; Dec. 19.
- Fleming, Wilfred K., Cambridge, assignor to Raytheon Inc., Cambridge, Mass. Electrical system. 1,897,249; Feb. 14.
- Fleming, Wilfred K., assignor to Raytheon Inc., Cambridge, Mass. Rectifying system. 1,908,336; May 9.
- Flener, Oscar L. (See Nichols, G. B., Flener, and Stevens.)
- Flesh, Alfred L., assignor to The Atlas Underwear Company, Piqua, Ohio. Undergarment. 1,935,241; Nov. 14.
- Flesselles, Warren F., Potts Point, near Sydney, New South Wales, Australia. Screw. 1,934,347; Nov. 7.
- Fletcher, Almer R., Alhambra, Calif. Window washer. 1,933,168; Oct. 31.
- Fletcher, Arley P., Pendleton, Oreg. Post hole presser and digger. 1,911,679; May 30.
- Fletcher, Charles, deceased, by S. Fletcher, C. N. Fletcher, and S. B. Fletcher, executors, Cheadle Hulme, England. Hack saw machine. 1,913,981; June 13.
- Fletcher, Charles L. (See Malm, C. J., and Fletcher.)
- Fletcher, Charles N., et al., executors. (See Fletcher, Charles.)
- Fletcher, Edward, assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 1,899,436; Feb. 28.
- Fletcher, George H., Westminster, England, assignor to General Electric Company. Thrust bearing for electric locomotives. 1,940,299; Dec. 19.
- Fletcher, Gordon. (See Hart, L., and Fletcher.)
- Fletcher, Harold W. (See Ricker, N. H., and Fletcher.)
- Fletcher, Harold W. (See Sherman, R. P., and Fletcher.)
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Drill head and lubricator. 1,896,231; Feb. 7.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Plunger lift equipment. 1,896,232; Feb. 7.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Disk bit. 1,905,165; Apr. 25.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Method and apparatus for testing internal diameter of tubes. 1,919,546; July 25.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Pneumatic swab plunger. 1,919,547; July 25.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Gas choke for plunger lift devices. 1,919,548; July 25.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Control apparatus for pumps. 1,922,427; Aug. 15.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Bottom hole choke for plunger lift devices. 1,932,962; Oct. 31.
- Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Plunger control device. 1,932,963; Oct. 31.
- Fletcher, Harold W., and F. L. Scott, assignors to Hughes Tool Company, Houston, Tex. Disk bit. 1,896,297; Feb. 7.
- Fletcher, Harold W., and R. C. Kuldell, assignors to Hughes Tool Company, Houston, Tex. Conical cutter drill. 1,918,902; July 18.
- Fletcher, Harold W., and F. L. Scott, assignors to Hughes Tool Company, Houston, Tex. Balanced plug valve. 1,932,964; Oct. 31.
- Fletcher, John D., Louisville, Ky. Sirup pump. 1,918,903; July 18.
- Fletcher, Malcomb, Asheboro, N. C. Cotton seed hull fork. 1,935,841; Nov. 21.
- Fletcher, Marie L., Los Angeles, Calif. Clothes drier. 1,937,646; Dec. 5.
- Fletcher, Robert P., jr., Wilmington, Del. Manufacture of bituminous paving material. 1,940,645; Dec. 19.
- Fletcher, Roland A., Minneapolis, Minn. Animated display device. 1,930,164; Oct. 10.
- Fletcher, Rolland, Des Moines, Iowa. Arm propelled swing. 1,924,683; Aug. 29.
- Fletcher, Sedgley, et al., executors. (See Fletcher, Charles.)
- Fletcher, Sedgley B., et al., executors. (See Fletcher, Charles.)

- Fletcher, Walter J., assignor to The Embossing Company, Albany, N. Y. Stopper-top and making the same. 1,899,411; Feb. 28.
- Fletcher Works. (See Schaum, Fletcher, assignor.)
- Fletcher Works, Incorporated. (See Bartholomew, Robert J., assignor.)
- Fletcher Works, Incorporated. (See Schaum, Fletcher, assignor.)
- Flewell, Walter H., Sioux City, Iowa. Dual door control. 1,900,176; Mar. 7.
- Flexer, Isadore, Philadelphia, Pa. Awning hanger. 1,916,788; July 4.
- Flexible Truck Corporation. (See Taylor, Howard D., assignor.)
- Flexlume Corporation. (See Banse, Henry J., assignor.)
- Flexlume Corporation. (See Brandt, Alfred L., sr., assignor.)
- Flexlume Corporation. (See Cudney, Harry J., assignor.)
- Flexlume Corporation. (See Madine, John J., assignor.)
- Flexlume Corporation. (See Wiley, W. K., and Cudney, assignors.)
- Flexo Automatic Sign Company. (See Harris, Frank D., assignor.)
- Flexo Products Corporation. (See Johnson, Oscar W. and C. H., assignors.)
- Flexo Safety Razor Corporation. (See Korée, Jean U., assignor.)
- Flexon, Floyd, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming glass stoppers. 1,906,561; May 2.
- Flexwood Company, The. (See Elmendorf, Armin, assignor.)
- Fleyscher, Maurice H. (See Hess, R. W., and Fleyscher.)
- Flick, Franklin, San Francisco, Calif. Portable equipment for coursing parks. 1,923,085; Aug. 22.
- Fliether, Walter, Vebert, Germany. Leaf turner. 1,905,963; Apr. 25.
- Flind, Herbert C., Wimbledon, England. Construction of motive power engines and pumps. 1,922,477; Aug. 15.
- Flink, John H., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for producing cut articles or blanks from plastic strip material. 1,905,837; Apr. 25.
- Flint, Frank C., Chicopee Falls, Mass. Fastener for shoe bags. 1,897,306; Feb. 14.
- Flint, Hyland C., Chicago, Ill. Mounting for coil springs. 1,940,553; Dec. 26.
- Flint, James G., and D. G. McKie, Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustic device. 1,896,485; Feb. 7.
- Flintermann, Gerhard, West Orange, N. J. Seat. 1,902,631; Mar. 21.
- Flintermann, Gerhard, West Orange, N. J. Adjustably supported seat. 1,902,632; Mar. 21.
- Flintermann, Gerhard, West Orange, N. J. Adjustably supported seat. 1,928,814; Oct. 3.
- Flintkote Company, The. (See Loebel, Zanvil C., assignor.)
- Flintkote Corporation, The. (See Campbell, Max E., assignor.)
- Flintkote Corporation, The. (See Hammers, E. J., and Eichwald, assignors.)
- Flintkote Corporation, The. (See Kirschbraun, Lester, assignor.)
- Flintkote Corporation, The. (See Levin, Harold L., assignor.)
- Flintkote Corporation, The. (See Limburg, Hyman, assignor.)
- Flintkote Corporation, The. (See Overbury, Frederick C., assignor.)
- Flintkote Corporation, The. (See Van Heurn, Frans C., assignor.)
- Flitcroft, James E. (See Bernz, W., and Flitcroft.)
- Flitcroft, James E. (See Bernz, W., Flitcroft, and Imfeld.)
- Flockhart Co. Inc., The. ((See Flockhart, James, assignor.)
- Flockhart, James, assignor to The Flockhart Co., San Francisco, Calif. Sheet gauge. 1,898,530; Feb. 21.
- Flockhart, James, assignor to The Flockhart Co. Inc., San Francisco, Calif. Stencil printing machine. 1,939,965; Dec. 19.
- Flodin, Victor E., Oak Park, assignor to Crane Co., Chicago, Ill. Radiator reaming, facing, and tapping machine. 1,897,505; Feb. 14.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Pin ticket. 1,912,268; May 30.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Pin ticket. 1,921,814; Aug. 8.
- Flood, Emmett M. (See Mitchell, O., and Flood.)
- Flood, Oscar S., assignor to Sellstrom Manufacturing Company, Chicago, Ill. Portable guard. 1,893,617; Jan. 10.
- Flood, Walter H. (See Schick, Louis L., assignor.)
- Flook, Raymond A., Springfield, assignor of one-half to F. A. McKean, Columbus, Ohio. Flower holder. 1,907,775; May 9.
- Floor Accessories Company, The. (See Awbrey, Samuel C., assignor.)
- Floor Accessories Company Incorporated. (See Awbrey, Samuel C., assignor.)
- Flor, Robert G., Brooklyn, N. Y. Aerial support. 1,924,033; Aug. 22.
- Floraday, Burton S. (See Cook, E. J., Floraday, and Miller.)
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Light construction. 1,907,148; May 2.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Electric light. 1,915,125; June 20.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Electric light. 1,918,803; July 18.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Seat construction. 1,921,224; Aug. 8.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Light. 1,923,861; Aug. 22.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Light. 1,926,377; Sept. 12.
- Floraday, Burton S., assignor to The Dura Company, Toledo, Ohio. Electric light. 1,937,111; Nov. 28.
- Florang, Emil A., Burlington, Iowa. Basket. 1,906,146; Apr. 25.
- Florea, Park S., Jersey City, N. J., and I. J. Henry, Garden City, N. Y. Case for radiotubes. 1,892,879; Jan. 3.
- Florence Stove Company. (See Bradbury, William T., assignor.)
- Florence Stove Company. (See White, F. E., and Ruttiman, assignors.)
- Foresta, Ercole, T. D., Vigna di Valle (Rome), Italy. Device for the longitudinal control of aeroplanes. 1,929,061; Oct. 3.
- Florida, Pablo V., Annapolis, Md. Faucet structure. 1,903,757; Apr. 18.
- Florman, Irving, New York, N. Y. Ash tray or the like. Des. 89,633; Apr. 18.
- Florman, Irving, New York, N. Y. Beer mug or the like. Des. 90,022; May 30.
- Florman, Irving, New York, N. Y. Electric water heater or the like. Des. 90,438; Aug. 8.
- Florman, Irving, New York, N. Y. Cigar lighter. 1,903,729; Apr. 11.
- Florman, Irving, New York, N. Y. Bathroom scale. 1,915,222; June 20.
- Florman, Irving, New York, N. Y. Combined cigarette case and lighter. 1,921,354; Aug. 8.
- Floros, Anthony. (See Manos, George, assignor.)
- Florsheim Shoe Co., The. (See White, John J., assignor.)
- Flosi, Florio G., Chicago, Ill. Dispensing powder puff. 1,899,386; Feb. 28.
- Flothow, Alfred C., assignor to Everhot Manufacturing Company, Maywood, Ill. Branding and inking device. 1,916,661; July 4.
- Flounders, Frank R. (See Harrison, Thomas L., assignor.)
- Flower, Archibald T., Jenkintown, Pa. Portable pump. 1,921,916; Aug. 8.
- Flower, Arthur H. (See Geyer, H. D., and Flower.)
- Flower, David B. (See Creque, H. S., and Flower.)
- Flower, John W., Wimborne, England. Bottling machine. 1,935,115; Nov. 14.
- Flower, John W., Wimborne, England. Bottle filling and crowning machine. 1,941,168; Dec. 26.
- Flower, Lorenzo F., Boulder, Colo. Game apparatus. 1,899,860; Feb. 28.
- Flowers, Alan E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Adjustable crank. 1,894,985; Jan. 24.
- Flowers, Alan E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Feeding liquids to centrifugal separator bowls. 1,906,457; May 2.
- Flowers, Alan E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Distilling. 1,924,919; Aug. 29.
- Flowers, Charles E., et al. (See Moreland, William E., assignor.)
- Flowers, Henry F., Findlay, Ohio. Yielding door mechanism. 1,921,917; Aug. 8.
- Flowers, Henry F., Findlay, Ohio. System and apparatus for transporting shipping containers. 1,933,211; Oct. 31.
- Flowers, Warner V., et al. (See Moreland, William E., assignor.)
- Floyd, Channing, Caroge Lake, N. Y. Combined golf club and friction lighter. 1,909,822; May 16.
- Floyd, Elijah L., assignor to The Adler Underwear and Hosiery Company, Cincinnati, Ohio. Automatic textile machine. 1,929,970; Oct. 10.
- Floyd, Francis M., Bloomfield, N. J., assignor to Geophysical Research Corporation, New York, N. Y. Multiple galvanometer. 1,930,677; Oct. 17.
- Floyd, George G., assignor to American Steel Foundries, Chicago, Ill. Side frame. Re18,754; Feb. 28.
- Floyd, Linzy B., Phoenix, Ariz. Overrunning clutch. 1,893,231; Jan. 3.
- Floyd, Paul W., Harrisburg, Pa. Sanitary device for milk bottles or the like. 1,915,223; June 20.
- Floyd-Wells Company, The. (See Bibb, George F., assignor.)
- Floyd, William B., and A. A. McCormack, assignors to Frigidaire Corporation, Dayton, Ohio. Compressing apparatus. 1,938,451; Dec. 5.
- Floyd, William C., Hawkinsville, Ga. Automatic pistol. 1,911,494; May 30.
- Floyd, William M. (See Latou, William L., assignor.)
- Fluegel, Herman. (See Gibney, S. S., and Fluegel.)
- Fluege, Robert H., Elmhurst, assignor to W. C. Ritchie and Company, Chicago, Ill. Machine for making windowed receptacles. 1,894,259; Jan. 17.

- Flueler, Alfred K., Collingswood, N. J., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system for electric motors. 1,905,838; Apr. 25.
- Fluga Aktien-Gesellschaft. (See Heylandt, Christian W. P., assignor.)
- Fluker, William H., Thomson, Ga. License tag. 1,934,121; Nov. 7.
- Flumerfelt, Walter E., Dallas Center, Iowa. Apparatus for continuous solvent extraction and method thereof. 1,920,499; Aug. 1.
- Flumerfelt, William A., Columbus, Ohio, assignor to Columbus Auto Parts Company. Joint. 1,894,309; Jan. 17.
- Flumerfelt, William A., Columbus, Ohio, assignor to The Columbus Auto Parts Company. Shackle. 1,895,846; Jan. 31.
- Fluor Corporation, The. (See Fluor, Peter E., assignor.)
- Fluor Corporation Ltd., The. (See Martin, Guy T., assignor.)
- Fluor, Peter E., Anaheim, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Atmospheric cooling tower. 1,916,724; July 4.
- Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Hydraulically operated cylindrical grinding machine. 1,893,076; Jan. 3.
- Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding wheel spindle reciprocating mechanism. 1,927,977; Sept. 26.
- Flynn, Benjamin H., Alexandria, La. Chain and pulley assemblage. 1,911,184; May 30.
- Flynn, Benjamin H., Alexandria, La. Overpass. 1,924,779; Aug. 29.
- Flynn, Benjamin H., Alexandria, La. Transporting means for heavy machines. 1,934,348; Nov. 7.
- Flynn, Bernard C., assignor of one-half to F. A. Frank, Tulsa, Okla. Combined valve and piston. 1,929,414; Oct. 10.
- Flynn, James J., Camden, N. J., assignor to Faries Manufacturing Company, Decatur, Ill. Screwless holder. 1,901,366; Mar. 14.
- Flynn, Kirtland. (See Walsh, J. F., Stevens, Flynn, Caprio, and Alcorn.)
- Flynn, Michael H., assignor to The Allen Manufacturing Company, Hartford, Conn. Forming screws. 1,909,147; May 16.
- Flynn, Michael H., assignor to The Billings & Spencer Company, Hartford, Conn. Multiple roll-set board drop hammer. 1,929,021; Oct. 3.
- Flynn, Michael J., Chicago, Ill. Tire. Des. 90,841; Oct. 10.
- Flynn, Michael J., Chicago, Ill. Tire. Des. 90,842; Oct. 10.
- Flynn, Paul B., St. Louis, Mo. Jump-training device. 1,902,995; Mar. 28.
- Flynt, Louis W. G., East Orange, N. J., assignor to Automatic Linker, Inc., New York, N. Y. Sausage feeding and linking machine. 1,906,372; May 2.
- Foale, Herbert, Wolverton, England, assignor to J. Stone & Company, Limited, Deptford, England. Electric supply system. 1,926,480; Sept. 12.
- Focht, Doster. (See Coffin, G. F., and Focht.)
- Focke, Theodore B., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid return for intermittent absorption refrigerators. 1,914,687; June 20.
- Foeher, Joseph F., Garden City, N. Y. Piston packing. 1,939,683; Dec. 19.
- Foehrenbach, Arthur F., Canton, Ohio. Combined voting machine cabinet and booth. Des. 90,405; Aug. 1.
- Foerster, Ernst, Glogau, Germany. Time recording device. 1,899,236; Feb. 28.
- Foerster, George H., Landover, Md., assignor to The Automatic Awning Mfg. Co., Washington, D. C. Awning. 1,930,998; Oct. 17.
- Fogarty, Charles J., assignor to E. H. Broadwell, receiver of the Westfield Manufacturing Company, Westfield, Mass. Bicycle frame or the like. Des. 90,241; July 4.
- Fogarty, Charles J., assignor to E. H. Broadwell, receiver of Westfield Manufacturing Company, Westfield, Mass. Bicycle frame or the like. Des. 90,875; Oct. 17.
- Fogarty, John J., assignor to Jenkins Interlock Manufacturing Company, Philadelphia, Pa. Elevator control. 1,918,024; July 11.
- Fogas, Livius V., Detroit, Mich. Gas destroyer. 1,934,596; Nov. 7.
- Fogelberg, Edith M., Ozone Park, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,150; Jan. 31.
- Fogelin, Carl O. V., Paris, France. Permanent hair waving or curling device. 1,899,190; Feb. 28.
- Fogg, Wendell G. (See Metzger, F. J., and Fogg.)
- Fogler, Mayor F., Solvay, N. Y., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Preparation of catalytic material. 1,936,936; Nov. 28.
- Fogwell, Harrison H., assignor to Everhot Electric & Mfg. Co., Los Angeles, Calif. Thermostatic switch. 1,892,938; Jan. 3.
- Fogwell, Harrison H., and C. H. Judd, Los Angeles, Calif. Electric controlled timing device. 1,920,688; Aug. 1.
- Föhl, Carl, Stockholm, Sweden, assignor to Ruthsacumulator Aktiebolag, Berlin, Germany. Power plant. 1,920,689; Aug. 1.
- Fohn, Adolph E., assignor to Aurora Metal Cabinet Co., Aurora, Ill. Cabinet. 1,917,363; July 11.
- Folberth, Fred G. and W. M., Cleveland, Ohio. Mirror. 1,913,874; June 13.
- Folberth, Frederick G. and W. M., Cleveland, Ohio. Exerciser. 1,926,844; Sept. 12.
- Folberth, William M. (See Folberth, Fred G. and W. M.)
- Folberth, William M. and F. G., Cleveland, Ohio. Bow and arrow construction. 1,926,845; Sept. 12.
- Foldessy, Coleman, Chicago, Ill. Cleaning and scrubbing machine. 1,932,208; Oct. 24.
- Földi, Zoltan, Budapest, Hungary, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of C-alkyl and C-alkyl derivatives of aromatic compounds. 1,897,795; Feb. 14.
- Foley, Andrew W. (See Hummel, F. E., and Foley.)
- Foley, Arthur L., Bloomington, Ind., assignor to Wood Conversion Company, Cloquet, Minn. Installing sound absorbing material. 1,928,650; Oct. 3.
- Foley, Charles E., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Coated sheet material. 1,895,711; Jan. 31.
- Foley, Clifford A., Hartford, Conn. Appliance for smokers. 1,915,414; June 27.
- Foley, Ernest L., Newton, assignor to Underwood Machinery Company, South Boston, Mass. Article treating apparatus. 1,905,694; Apr. 25.
- Foley, Francis B. (See Frevert, H. L., and Foley.)
- Foley, John J., Bronx, N. Y. Water heating and circulating system. 1,937,335; Nov. 28.
- Foley, John R., New York, N. Y. Insulated article. 1,902,438; Mar. 21.
- Foley, John R., New York, N. Y. Pail silencer. 1,922,127; Aug. 15.
- Foley, Joseph J., Chicago, Ill. Ventilator for motor vehicle window. Des. 90,439; Aug. 8.
- Foley, William J., West Somerville, Mass. Fountain pen. 1,902,633; Mar. 21.
- Folger, Walter C. (See Morgan, C. A., and Folger.)
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. Des. 89,839; May 9.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine base. Des. 89,882; May 16.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Combined top clamp and end grip for slicing machines. 1,905,457; Apr. 25.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,912,365; June 6.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Feed mechanism for slicing machines. 1,913,749; June 13.
- Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Assembling device for slicing machines. 1,916,566; July 4.
- Folliet, Alexandre, and N. Sainderichin, Paris, France. Continuous conversion of ferruginous materials into spongy metallic agglomerates. 1,924,034; Aug. 22.
- Folmer-Chapin Corporation. (See Folmer, W. F., and Chapin, assignors.)
- Folmer Grafex Corporation, The. (See Petit, W. H., and Heline, assignors.)
- Folmer, William F., and H. L. Chapin, assignors to Folmer-Chapin Corporation, Rochester, N. Y. Insect exterminator. 1,936,468; Nov. 21.
- Folmsbee, Clyde H., Cranford, N. J., assignor to American Car and Foundry Company, New York, N. Y. Dome ring for welded tanks. 1,894,679; Jan. 17.
- Folmsbee, Clyde H., Cranford, N. J., assignor to American Car and Foundry Company, New York, N. Y. Tank anchor for welded tanks. 1,917,931; July 11.
- Folsom, Edward C., Cleveland, and J. R. Oils, Toledo, assignors to Railways Material Corporation, Toledo, Ohio. Incinerator. 1,938,013; Dec. 5.
- Foltz, Stewart P. (See Crowl, Charles A., assignor.)
- Foltz, Walter R., Indianapolis, Ind. Soundproof booth. 1,908,661; May 9.
- Fonda, Bayard P. (See Miller, E. B., and Fonda.)
- Fonda, Bayard P., assignor to The Silica Gel Corporation, Baltimore, Md. Adsorption system. 1,924,849; Aug. 29.
- Fonseca, Edward L. (See Hunt, Edward M., and Fonseca.)
- Fonseca, Edward L., Newark, N. J., assignor to The Wilcolator Company, New York, N. Y. Thermostatic control for electric ovens. 1,910,533; May 23.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Electrical relay construction. 1,927,026; Sept. 19.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Direct-acting heater control thermostat. 1,931,863; Oct. 24.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Thermostat for electric heaters. 1,937,058; Nov. 28.
- Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Thermostat for electric ovens. 1,941,080; Dec. 26.
- Fonseca, Edward L., Newark, M. N. Hunt, Montclair, N. J., and M. C. Barnum, Minneapolis, Minn., assignors to The Wilcolator Company, Newark, N. J. Air conditioner. 1,911,562; May 30.
- Fontaine, Eugene H., Pittsburgh, Pa. Machine for making chaplets and the like. 1,903,668; Apr. 11.

- Fontaine, Robert A., Martinsville, Va. Truck and trailer coupling mechanism. 1,924,235; Aug. 29.
- Fonville, James D., Jr., Abilene, Tex. Pump. 1,912,575; June 6.
- Food Machinery Corporation. (See Bjorklund, William A., assignor.)
- Food Machinery Corporation. (See Butler, Clinton C., assignor.)
- Food Machinery Corporation. (See Cutler, Frank W., assignor.)
- Food Machinery Corporation. (See De Back, William, assignor.)
- Food Machinery Corporation. (See Fulton, Thomas J., assignor.)
- Food Machinery Corporation. (See Hait, James M., assignor.)
- Food Machinery Corporation. (See Harvey, Rodney B., assignor.)
- Food Machinery Corporation. (See Jones, Lloyd E., assignor.)
- Food Machinery Corporation. (See Lassen, H. C., and Dahl, assignors.)
- Food Machinery Corporation. (See McDill, R. D., assignor.)
- Food Machinery Corporation. (See Morris, Ross, assignor.)
- Food Machinery Corporation. (See Roberts, F. B., and Huntington, assignors.)
- Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
- Food Machinery Corporation. (See Skinner, Bronson C., assignor.)
- Food Machinery Corporation. (See Stevens, F. M. and A. R., assignors.)
- Food Machinery Corporation. (See Thompson, Albert R., assignor.)
- Food Machinery Corporation. (See Thompson, A. R., and Butler, assignors.)
- Food Materials Corporation. (See Feight, Edward E., assignor.)
- Foon, Thomas, Alviso, Calif. Asparagus grader. 1,909,462; May 16.
- Foot Appliances (Buxton) Limited. (See Churchill, A., and Haworth, assignors.)
- Foot, Nelson A. (See Jacobson, E. B., and Foot.)
- Foot, Arthur F., New Haven, Conn. Garage-door-operating mechanism. 1,935,315; Nov. 14.
- Foot-Burt Company, The. (See Babcock, Walter F., assignor.)
- Foot-Burt Company, The. (See Randles, George E., assignor.)
- Foot-Burt Company, The. (See Schiltz, Bernard P., assignor.)
- Foot Company, The. (See Dake, Fred L., assignor.)
- Foot, Edward B., assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for controlling industrial processes. 1,921,740; Aug. 8.
- Foot, Edward B., and F. B. Newell, assignors to Taylor Instrument Companies, Rochester, N. Y. Apparatus for controlling industrial processes. 1,921,741; Aug. 8.
- Foot, Leonard, Pedro Miguel, Canal Zone. Measuring device. 1,905,558; Apr. 25.
- Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Automatic electric writing-computing machine. 1,904,127; Apr. 18.
- Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Toll posting machine. 1,904,862; Apr. 18.
- Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Toll posting machine. 1,909,148; May 16.
- Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Pedestal pad. 1,909,671; May 16.
- Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Variable line spacing mechanism. 1,914,884; June 20.
- Foothorap, Harry A., assignor to Elliott-Fisher Company, Harrisburg, Pa. Shock absorbing mechanism for type-writing machines. 1,914,885; June 20.
- Foothorap, Harry A., assignor to Elliott-Fisher Company, Harrisburg, Pa. Line space lock release mechanism. 1,930,433; Oct. 10.
- Foothorap, Harry A., Harrisburg, Pa., C. H. Bolton, Dallas, Tex., and G. F. Carter, Nashville, Tenn., assignors to Elliott-Fisher Company, Harrisburg, Pa. Tabulating mechanism. 1,928,417; Sept. 26.
- Föppl, Otto, Brunswick, Germany. Oscillation damper for shafts. 1,934,597; Nov. 7.
- Foran Boiler Company. (See Thomsen, Oscar, sr., assignor.)
- Forberg, Christian, St. Thomas, Ontario, Canada. Combination washer. 1,901,391; Mar. 14.
- Forbes, Allan D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stability control. 1,934,529; Nov. 7.
- Forbes, Bert B., Big Prairie, assignor of one-half to Dallas Litteral, Shreve, Oho. Cultivator. 1,908,836; May 16.
- Forbes, Donald, Vero Beach, Fla. Folding receptacle. 1,916,662; July 4.
- Forbes, Gordon B., Garfield, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Pulverizing mill. 1,898,823; Feb. 21.
- Forbes, Harry, Brooklyn, assignor to Tilo Roofing Company, Inc., New York, N. Y. Shingle. 1,925,239; Sept. 5.
- Forbes, Henry C., assignor to General Motors Radio Corporation, Dayton, Ohio. Coupling device. 1,893,618; Jan 10.
- Forbes, Henry C., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reactor. 1,940,854; Dec. 26.
- Forbes, James B. (See Jacocks, G. T., Chute, and Forbes.)
- Forbes, James C., and A. W. Banton, assignors to O. F. Jordan Company, East Chicago, Ill. Wing brace for railroad spreaders. 1,907,944; May 9.
- Forbes, Kingston, Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator shutter. Des. 89,503; Mar. 21.
- Forbes, Lewis J.-B., St. Helens, England. Apparatus for applying a liquid coating to a moving object. 1,909,260; May 16.
- Forbes Lithograph Manufacturing Company. (See Cornell, Aruthr W., assignor.)
- Forbes Lithograph Manufacturing Company. (See Freyman, Walter O., assignor.)
- Forbes Lithograph Manufacturing Company. (See Ward, Ferrari P., assignor.)
- Forbes, Perry M., and F. W. Hawes, Detroit, assignors to Reynolds Spring Company, Jackson, Mich. Upholstery construction. 1,926,089; Sept. 12.
- Forbes, Thomas C., Hopkins, assignor, by mesne assignments, to Waters Genter Company, Minneapolis, Minn. Timing mechanism. 1,926,276; Sept. 12.
- Forbes, William A. (See Ervin, Ernest E., assignor.)
- Forbregd, Gustav T., and V. R. Cornish, Elkhardt, Ind., assignors to The Adlake Company, Chicago, Ill. Sash forming machine. 1,905,839; Apr. 25.
- Force, Harold W., Oakland, assignor to California Corrugated Culvert Co., Berkeley, Calif. Manufacture of welded spiral pipe. 1,929,415; Oct. 10.
- Ford, Andrew F., incompetent, by Iva Walls, guardian, Dayton, Wash. Gearless differential. 1,897,555; Feb. 14.
- Ford, Ben K., Westfield, and M. A. Lamme, Maplewood, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and a system for impregnating articles. 1,920,191; Aug. 1.
- Ford, Edwin H., assignor to Ford Meter Box Company, Wabash, Ind. Valve. 1,898,577; Feb. 21.
- Ford, Ethelbert T., Los Angeles, Calif. Automatic switch. 1,927,934; Sept. 26.
- Ford, Eugene A., Scarsdale, N. Y., assignor to Dayton Scale Company, Dayton, Ohio. Slicing machine. 1,902,021; Mar. 21.
- Ford, Eugene A., Scarsdale, assignor to The Tabulating Machine Company, Endicott, N. Y. Perforating machine. 1,902,064; Mar. 21.
- Ford, Eugene A., Scarsdale, assignor to The Tabulating Machine Company, Endicott, N. Y. Sorting machine. 1,909,576; May 16.
- Ford, Eugene A., Scarsdale, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Printing counter for sorting machines. 1,926,896; Sept. 12.
- Ford, Eugene A., Scarsdale, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting machine. 1,930,266; Oct. 10.
- Ford, Frank H. (See Frye, S. H., and Ford.)
- Ford, George E., assignor to Gleason Works, Rochester, N. Y. Automatic control device. 1,908,626; May 9.
- Ford, George F., Hollywood, and W. Pittman, Huntington Park, assignors to Fibreboard Products Inc., San Francisco, Calif. Printing, cutting, and scoring press. 1,905,559; Apr. 25.
- Ford, George H., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacles. 1,934,052; Nov. 7.
- Ford, George W. (See Ponting, H. G., and Ford.)
- Ford, Grover M., and O. H. Schoenwald, Ponca City, Okla. Removing hydrogen sulphide from gases. 1,930,875; Oct. 17.
- Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Artillery computing system. 1,904,215; Apr. 18.
- Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control instrument. 1,938,825; Dec. 12.
- Ford, Hannibal C., Jamaica, and E. P. Ross, Forest Hill, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control system. 1,937,336; Nov. 28.
- Ford, Harry E., Jersey City, N. J. Sampling and gauging device. 1,894,817; Jan. 17.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Casting machine. 1,898,722; Feb. 21.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Brake hook-up. 1,908,744; May 16.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Brake. 1,908,745; May 16.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Rear axle construction. 1,937,950; Dec. 5.
- Ford Instrument Company. (See Ford, Hannibal C., assignor.)
- Ford Instrument Company. (See Ford, H. C., and Ross, assignors.)
- Ford Instrument Company, Inc. (See Tanner, Harry L., assignor.)

- Ford, Ira D. (See Clark, J. M., and Ford.)
- Ford, Ira D., Roseland, Ontario, Canada, assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button. 1,899,680; Feb. 28.
- Ford, James H. (See Breit, E., and Ford.)
- Ford, James R., Eugene, Oreg. Ready cut building construction. 1,910,326; May 23.
- Ford, J. B., Company, The. (See Barsky, Julius, assignor.)
- Ford, John L., assignor to The Ford Meter Box Company, Wabash, Ind. Meter box cover. 1,923,481; Aug. 22.
- Ford, John L., assignor to Ford Meter Box Company, Wabash, Ind. Meter box yoke. 1,938,896; Dec. 12.
- Ford, Joseph E., Chicago, Ill. Golf game. 1,914,865; June 20.
- Ford, Joseph C., and E. Olson, Madison, Wis. Protective covering and processing same. 1,932,617; Oct. 31.
- Ford, Kelsie B., East Orange, N. J. Bathtub. 1,914,825; June 20.
- Ford, Kelsie B., East Orange, N. J. Bathtub. 1,914,826; June 20.
- Ford, Lyman H. (See Campbell, L. J., Ford, and Rogers.)
- Ford Meter Box Company. (See Ford, Edwin H., assignor.)
- Ford Meter Box Company, The. (See Ford, John L., assignor.)
- Ford Motor Company. (See Anderson, Bennett R., assignor.)
- Ford Motor Company. (See Crecelius, Henry R., assignor.)
- Ford Motor Company. (See Donovan, Eugene S., assignor.)
- Ford Motor Company. (See Farkas, Eugene J., assignor.)
- Ford Motor Company. (See Ford, Henry, assignor.)
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Ford Motor Company. (See Groven, Frederick J., assignor.)
- Ford Motor Company. (See Hess, Claude I., assignor.)
- Ford Motor Company. (See Hicks, Harold A., assignor.)
- Ford Motor Company. (See Huff, Edward S., assignor.)
- Ford Motor Company. (See Johnson, Frank, assignor.)
- Ford Motor Company. (See Mayo, William B., assignor.)
- Ford Motor Company. (See Piech, William F., assignor.)
- Ford Motor Company. (See Rivard, Lawrence B., assignor.)
- Ford Motor Company. (See Sheldrick, Laurence S., assignor.)
- Ford Motor Company. (See Simpson, Howard W., assignor.)
- Ford Motor Company. (See Smith, Charles J., assignor.)
- Ford Motor Company. (See Sorensen, Charles E., assignor.)
- Ford Motor Company. (See Toelle, August, assignor.)
- Ford Motor Company. (See Wellman, Charles E., assignor.)
- Ford Motor Company. (See Wharam, John J., assignor.)
- Ford Motor Company. (See Williams, Leonard S., assignor.)
- Ford, T. B., Limited. (See Vivian, George S., assignor.)
- Ford, Thomas, New York, N. Y. Collapsible electric train set. 1,914,116; June 13.
- Ford, Timothy, Lexington, Ky. Clothesrack. 1,940,746; Dec. 26.
- Ford, Warren A., Schenectady, N. Y., assignor to General Electric Company. High frequency current measuring apparatus. 1,920,785; Aug. 1.
- Forde, Thomas H., assignor to Fornell Corporation, Ltd., San Francisco, Calif. Electric furnace. 1,907,290; May 2.
- Fordham, George, Powellton, W. Va. Garment. 1,916,789; July 4.
- Fordyce, Charles R. (See Malm, C. J., and Fordyce.)
- Foreman, Amos L., Detroit, Mich., assignor to Forward Crate Corporation. Box or crate. 1,919,427; July 25.
- Foreman, Amos L., assignor to Forward Crate Corporation, Detroit, Mich. Bottle crate. 1,919,428; July 25.
- Foreman, Jules L. (See Martin, Jose, assignor.)
- Foreman Silks. (See Martin, Jose.)
- Foreman, William B., Elizabeth City, N. C. Knock-down hoghead. 1,908,337; May 9.
- Foresman, Harry B., Enid, Okla., assignor to Lock Joint Window Company, Kansas City, Mo. Window sash meeting rail. 1,923,533; Aug. 22.
- Foreman, Robert A., Moores, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ash handling apparatus. 1,894,267; Jan. 17.
- Foresman, Robert A., Moores, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace. 1,902,359; Mar. 21.
- Foresman, Robert A., Moores, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ash disposal apparatus. 1,905,223; Apr. 25.
- Foresman, Robert A., Moore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Combustion apparatus. 1,930,045; Oct. 10.
- Forest Oil Corporation. (See Hammond, Mark C., assignor.)
- Foret, Frederick J. (See Englebright, A. E., Foret, and Currans.)
- Forged-Trak Co. (See Kuchar, Joseph, assignor.)
- Forger, A. H. & Co. (See Mallette, L. R., and O'Keefe, assignors.)
- Forges & Ateliers de Constructions Electriques de Jeumont. (See Escole, Paul J. M., assignor.)
- Forges & Ateliers de Constructions Electriques de Jeumont Societe Anonyme. (See Lefuene, Fernand, assignor.)
- Forges & Ateliers de Constructions Electriques de Jeumont. (See Letrilliart, Pierre, assignor.)
- Forges & Ateliers de Constructions Electriques de Jeumont Societe Anonyme. (See Méjean, Ernest, assignor.)
- Forges Et Ateliers de Constructions Electriques de Jeumont, Societe Anonyme. (See Escole, Paul J. M., assignor.)
- Forgrove Machinery Company, Limited, The. (See Grover, Frederick, assignor.)
- Forgrove Machinery Company Limited, The. (See Harris, Richard A., assignor.)
- Forgrove Machinery Company Limited, The. (See Russell, Alexander, assignor.)
- Formaini, Theodore L., Erie, Pa. Suction cylinder mold for paper making machines. 1,937,426; Nov. 28.
- Forman, Alfred M. (See Smith, H. L., Rathbun, and Forman.)
- Forman, Howard L., Kitchawan, N. Y. Refrigerating apparatus. 1,908,968; May 16.
- Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Closure operating and locking device. 1,901,711; Mar. 14.
- Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Electric treadle. 1,906,562; May 2.
- Formed Steel Products Company, The. (See Priddy, Thomas D., assignor.)
- Fornell Corporation, Ltd. (See Forde, Thomas H., assignor.)
- Former, Agustin Redó, Denia, Spain. Mechanical toy. 1,927,233; Sept. 19.
- Formica Insulation Company, The. (See Clark, G. H., and Deters, assignors.)
- Formica Insulation Company, The. (See Cochrane, John D., jr., assignor.)
- Formica Insulation Company, The. (See Lytle, Robert W., assignor.)
- Forney, Cal A., Goshen, Ind. Collapsible ironing board. 1,910,006; May 23.
- Forney Combustion Engineering Company. (See Forney, Ross H., assignor.)
- Forney, John D., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. System for starting and operating gaseous electric discharge devices. 1,905,840; Apr. 25.
- Forney, John D., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric discharge device and operating circuits therefor. 1,905,841; Apr. 25.
- Forney, John D., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric apparatus and starting mechanism therefor. 1,930,086; Oct. 10.
- Forney, John D., Chatham, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Apparatus for and method of operating gaseous electric discharge devices. 1,930,087; Oct. 10.
- Forney, Ross H., assignor to Forney Combustion Engineering Company, Dallas, Tex. Fuel burner. 1,902,225; Mar. 21.
- Forney, Ross H., assignor to Forney Combustion Engineering Company, Dallas, Tex. Fuel burner. 1,924,400; Aug. 29.
- Forrest, Frederick C., Sacramento, Calif. Photocopying apparatus. 1,895,654; Jan. 31.
- Forrest, Henry O., Andover, Mass., and P. K. Frollich, Elizabeth, N. J., assignors to National Synthetic Corporation, Painesville, Ohio. Oxidizing cyclic organic compounds. 1,902,550; Mar. 21.
- Forrest, Henry O., Teaneck, and L. Van Horn, Elizabeth, N. J. Method and apparatus for conditioning air. 1,909,823; May 16.
- Forrest, Henry O., Andover, Mass., and P. K. Frollich, Elizabeth, N. J., assignors to National Synthetic Corporation, Painesville, Ohio. Controlling the temperature of chemically reacting liquids. 1,916,473; July 4.
- Forrest, Henry O., Andover, Mass., and P. K. Frollich, Elizabeth, N. J., assignors to National Synthetic Corporation, Painesville, Ohio. Oxidizing naphthenes. 1,916,923; July 4.
- Forrest, Henry O., West Englewood, and L. Van Horn, Elizabeth, N. J. Method and apparatus for conditioning air. 1,919,781; July 25.
- Forrest, Henry O., Andover, Mass., and Perk Frollich, Elizabeth, N. J., assignors to National Synthetic Corporation, Painesville, Ohio. Oxidizing naphthalene and related condensed aromatic ring compounds. 1,936,427; Nov. 21.
- Forrest, Laurence R., South Orange, N. J., assignor to The Barrett Company, New York, N. Y. By-product recovery process and apparatus. 1,930,124; Oct. 10.
- Forrest, Londell C., Kit Carson, Colo., assignor to Deere & Company, Moline, Ill. Corn harvester. 1,919,783; July 25.
- Forrest, Thomas W. W. (See Payne, L., and Forrest.)
- Forrest, Wavery L., Dare, Va. Auxiliary chassis for auto mobiles. 1,917,962; July 11.
- Forrester, David L., Globe, Ariz., assignor to Matless Cell Patent Holding Corporation. Flotation process and apparatus. 1,912,630; June 6.
- Forrester, Michael J., Astoria, N. Y., assignor to Fifth Avenue Coach Company. Double deck passenger vehicle. 1,905,842; Apr. 25.
- Forrier, George H., executor. (See Carr, John.)

- Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner casing. Des. 89,751; May 2.
- Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 1,933,105; Oct. 31.
- Forsberg, Harold S. (See Lundquist, Hilding, assignor.)
- Forschner, Anthony J. (See Burke, R. H., and Forschner.)
- Forse, Edwin B., and C. F. Geiger, Metuchen, N. J., assignors to Carborundum Company, Niagara Falls, N. Y. Sand seal for tunnel kilns. 1,898,042; Feb. 21.
- Forstee, Frank F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Vertical toaster. 1,899,681; Feb. 28.
- Forstman, Stanton W., Pasadena, Calif. Shipping container and blank for manufacturing the same. 1,912,698; June 6.
- Forssberg, Carl F. W. (See Hulander, H. N., and Forssberg.)
- Forssell, Carl Abraham, Stockholm, Sweden. Suspension bridge. 1,897,470; Feb. 14.
- Forst, John F., assignor to Holy Family Hospital, Manitowoc, Wis. X-Ray apparatus. 1,907,054; May 2.
- Forstall, Armand W., Denver, Colo. Method and apparatus for turning tubular fabric. 1,893,824; Feb. 21.
- Forster, Albert O., and Percy M. Forster, assignors of one-fourth to Thomas I. Forster and one-fourth to Tony L. Kelly, Berkeley, Calif. Poultry nest. 1,906,256; May 2.
- Forster, Alfred L., Glasgow, Scotland, assignor to Chance Brothers and Co., Limited, West Smethwick, England. Manufacture of wired glass. 1,901,743; Mar. 14.
- Forster, Arthur C., Knowsley, England. Apparatus for the manufacture of glass containers. 1,929,842; Oct. 10.
- Forster Manufacturing Co. (See Forster, Percy M., assignor.)
- Forster, Percy M. (See Forster, A. O. and P. M.)
- Forster, Percy M., Berkeley, Calif. Gas burner. 1,906,257; May 2.
- Forster, Percy M., assignor to Forster Manufacturing Co., Ltd., Berkeley, Calif. Gas burner. 1,908,135; May 9.
- Forster, Percy M., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Burner. 1,925,183; Sept. 5.
- Forster, Thomas I., et al. (See Forster, Albert O. and P. M., assignors.)
- Forsthoefel, Gregg E., Springfield, Mass., assignor to Westinghouse Electric and Manufacturing Company. Refrigerator cabinet. Des. 90,876; Oct. 17.
- Forstner Chain Corporation. (See Koenig, Paul, assignor.)
- Forsyth, Albert E., assignor to Forsyth Automotive Pneumatic Spring Limited, Ottawa, Ontario, Canada. Pneumatic vehicle support. 1,915,303; June 27.
- Forsyth, Albert E., assignor to Forsyth Automotive Pneumatic Spring Limited, Ottawa, Ontario, Canada. Pneumatic suspension device. 1,915,304; June 27.
- Forsyth, Archibald G., Cheam, England, assignor to The Fairey Aviation Company Limited, Hayes, England. Ignition system of internal combustion engines. 1,933,423; Oct. 31.
- Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, England. Two-speed gear for internal combustion engine superchargers. 1,933,424; Oct. 31.
- Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, England. Flexible coupling. 1,935,501; Nov. 14.
- Forsyth Automotive Pneumatic Spring Limited. (See Forsyth, A. E., assignor.)
- Forsyth, James L., assignor of one-half to J. M. Smith, Smackover, Ark. Clamp for pulley belts. 1,918,257; July 18.
- Forsyth, Milo G., Indianapolis, and R. Lasiter, Greenwood, Ind. Oven rack shifting device. 1,894,268; Jan. 17.
- Forsyth, William H., Chicago, Ill. Woodworking machine. 1,941,394; Dec. 26.
- Forsythe, Charles E., and J. A. Forsythe, New York, N. Y. Extension boom for cranes. 1,920,370; Aug. 1.
- Forsythe, James A. (See Forsythe, Charles E., and J. A.)
- Forsythe, James B. (See Gaubert, J. Q., Brump, and Forsythe.)
- Forsythe, Joe G., Oliver, Ill. Adjustable shore. 1,918,745; July 18.
- Forsythe, William M., Dubach, assignor of one-fourth to H. C. Miller, Bernice, La. Wire stretcher. 1,930,005; Oct. 10.
- Fort, Arthur C., et al. (See Aden, John C., assignor.)
- Fort, Clarence E., Rockford, Ill. Tile. 1,894,584; Jan. 17.
- Fortescue, Albert J., Arncliffe, New South Wales, Australia. Traction wheel. 1,923,196; Aug. 22.
- Fortescue, Charles Le G. (See Evans, R. D., Fortescue, Crichton, MacNeill, Griscom, and Wagner.)
- Fortescue, Charles L., Pittsburgh, and R. D. Evans, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. Protective relay. 1,939,046; Dec. 12.
- Fort Howard Paper Company. (See Schwartz, Fred., assignor.)
- Fort Howard Paper Company. (See Shaffer, G. A., and Wirtz, assignors.)
- Forthuber, Fred G., et al. (See Schmidt, Henry C., assignor.)
- Fortier, Arthur F., San Jose, Calif. Display device. 1,911,075; May 23.
- Fortier, George, Pittsburg, Calif. Combination concrete mixer and placer. 1,923,303; Aug. 22.
- Fortin, Joseph O. (See Nelles, D. H., and Fortin.)
- Fortinberry, Charles L., assignor to H. G. Fortinberry, Jackson, Miss., and S. B. Fortinberry, Atlanta, Ga. License tag locking device. 1,928,527; Sept. 26.
- Fortinberry, Charles L., assignor to H. G. Fortinberry, Jackson, Miss., and Sheldon B. Fortinberry, Atlanta, Ga. Lock strip license tag. 1,934,598; Nov. 7.
- Fortinberry, Henry G., et al. (See Fortinberry, Charles L., assignor.)
- Fortinberry, Sheldon B., et al. (See Fortinberry, Charles L., assignor.)
- Fort, Louis, Jersey City, N. J. Insulator. 1,920,978; Aug. 8.
- Fortman, Gustave D., assignor of one-half to Charles S. Harper, Philadelphia, Pa. Composition of matter. 1,938,553; Dec. 5.
- Fort Pitt Bedding Company. (See Burns, Howard, assignor.)
- Fort Pitt Bedding Company. (See Stubnitz, Maurice, assignor.)
- Fort Pitt Malleable Iron Company. (See Endsley, L. E., and Anderson.)
- Fort Pitt Malleable Iron Company. (See Holmes, Edward H., assignor.)
- Fortuna, Francesco, and S. Giannangelo, Niagara Falls, N. Y. Container. 1,903,104; Mar. 28.
- Fortune, Harry E., Kansas City, Mo. Filler cap. 1,908,593; May 9.
- Fortune, James C., Monterey, Calif., assignor to Sheldon Machinery Corporation, New York, N. Y. Hydraulic feed for rotary drills. 1,910,890; May 23.
- Fortune, James M., Grantwood, N. J. Apparatus for erecting, staging, platforms, and the like. 1,893,165; Jan. 3.
- Forward, Chauncey B., Urbana, Ohio, assignor to Forward Process Company, Dover, Del. Apparatus for refining oil. 1,903,810; Apr. 18.
- Forward, Chauncey B., Urbana, Ohio, assignor, by mesne assignments, to Forward Process Company, Dover, Del. Steam generator and superheater and operation thereof. 1,904,216; Apr. 18.
- Forward Crate Corporation. (See Foreman, Amos L., assignor.)
- Forward Process Company. (See Forward, Chauncey B., assignor.)
- Foss, Clifton T., Long Island City, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Average price computer. 1,927,702; Sept. 19.
- Foss, Christian C., Pulaski, Ga. Oiling device for a rotary valve. 1,933,169; Oct. 31.
- Foss, Don J., Wooster, Ohio. Brush ferrule. 1,915,057; June 20.
- Foss, Erling C. (See Bellem, L. H. L., and Foss.)
- Foss, Leland L., Statesboro, assignor of fourteen per cent to E. T. Skeffington, fourteen per cent to B. H. DeLoach, and three per cent to A. H. Barrington, Savannah, fourteen per cent to L. V. Graham, Chatham County, and five per cent to S. J. Foss, Statesboro, Ga. Flying worm steam motor. 1,902,439; Mar. 21.
- Foss, Oscar F., Rockford, Ill., assignor to Deering Holding Company, Atlantic City, N. J. Magazine fuse plug. 1,937,406; Nov. 28.
- Foss, Sam J., et al. (See Foss, Leland L., assignor.)
- Foss, William A., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing rod handle. 1,916,924; July 4.
- Fossati, Giuseppe, Monza, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Electric connector. 1,896,443; Feb. 7.
- Fossati, Giuseppe, Monza, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Sparking plug. 1,896,444; Feb. 7.
- Fossati, Giuseppe, Monza, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Ignition magneto. 1,913,801; June 13.
- Fossati, Giuseppe, Monza, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Connecting means for screened cables. 1,920,553; Aug. 1.
- Foster, Boutwell H., Maplewood, N. J., assignor to Morgan & Wright, Detroit, Mich. Form for manufacture of rubber articles and making same. 1,898,043; Feb. 21.
- Foster, Boutwell H., Maplewood, N. J., assignor to Morgan & Wright, Detroit, Mich. Weightless fabric. 1,937,558; Dec. 5.
- Foster Brothers Manufacturing Company. (See Foster, William B., assignor.)
- Foster, Cecil N., Walla Walla, Wash. Circular orchard sprinkler. 1,914,850; June 20.
- Foster, Charles E., Letchworth, Hertfordshire, and J. E. Oram, Holloway, London, England. Furnace. 1,924,920; Aug. 29.
- Foster, Charles W., Kansas City, Mo. Washing machine. 1,893,797; Jan. 10.
- Foster, Clarence W., Elizabeth, N. J., assignor to Standard Oil Development Company. Regulating pressure and apparatus therefor. 1,926,519; Sept. 12.
- Foster, Claud H., Wickliffe, Ohio. Shock absorber. 1,903,423; Apr. 11.
- Foster, Claud H., Wickliffe, Ohio. Shock absorber. 1,903,447; Apr. 11.

- Foster, C. M., et al. (See Grayson, Ralph V., assignor.)
- Foster, Edwin E., Austin, Tex. Hydraulic change speed transmission for motor vehicles. 1,896,577; Feb. 7.
- Foster, Frank B., Yonkers, N. Y. Magnifying device. 1,936,712; Nov. 28.
- Foster, Franklin J., trustee. (See Hennecke, E. V., and Kuskin, assignors.)
- Foster, Franklin J. (See Kuskin, D., and McConnell, assignors.)
- Foster, Howard M., St. Louis, Mo. Doorlock. 1,940,082; Dec. 19.
- Foster, John, San Francisco, Calif. Statuette or similar article. Des. 89,752; May 2.
- Foster, John E., San Bernardino, Calif. Projector. 1,905,932; Apr. 25.
- Foster, John F., Dallas, Tex. Machine for applying reinforcing eyelets to paper. 1,918,961; July 18.
- Foster, John L., New York, N. Y. Garment safety pocket. 1,900,639; Mar. 7.
- Foster, John P., Pala, Hawaii. Purifying sugar juices. 1,897,424; Feb. 14.
- Foster, Julius E., Pittsburgh, Pa., assignor to Radio Corporation of America. Rectifying device. 1,925,558; Sept. 5.
- Foster, Leon V., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope objective. 1,934,599; Nov. 7.
- Foster, Leroy S., administrator. (See Gillett, Lowry.)
- Foster Machine Company. (See McKean, John O., assignor.)
- Foster, Quay H., and C. C. Brock, Harrisville, Pa. Safety valve system for hydraulic brakes. 1,936,504; Nov. 21.
- Foster, Reuben, and S. K. Waldorf, Baltimore, Md.; said Waldorf assignor to said Foster. Telephone dial illumination. 1,893,325; Jan. 3.
- Foster, Shubel A., Ferndale, Mich. Device for assorting articles relative to their variation in size. 1,935,086; Nov. 14.
- Foster & Stewart Company. (See Hicks, Frederic N., assignor.)
- Foster, Thomas J., Ridgewood, N. J. Building unit and floor construction. 1,931,532; Oct. 24.
- Foster-Vernay Corporation. (See Vernet, Sergius, assignor.)
- Foster, Warren D., Washington Township, N. J., assignor to Kinatome Patents Corporation, New York, N. Y. Film holder. 1,932,401; Oct. 31.
- Foster, W. C. (See Bockmann, John E., assignor.)
- Foster, Walter F., San Francisco, Calif. Door closer. 1,905,972; Apr. 25.
- Foster, Walter F., San Francisco, Calif., assignor to Condor Company. Doorcheck. 1,899,266; Feb. 28.
- Foster, Walter L., Whittier, assignor to J. Grant, Los Angeles, Calif. Underreamer. 1,908,594; May 9.
- Foster, Walter W., Wichita Falls, Tex. Pump rod stuffing box mounting. 1,902,360; Mar. 21.
- Foster, Warren D. (See Oswald, C. L., and Foster.)
- Foster Wheeler Corporation. (See Biery, John E., assignor.)
- Foster Wheeler Corporation. (See Brandt, David G., assignor.)
- Foster Wheeler Corporation. (See Cahoon, Ernest L., assignor.)
- Foster Wheeler Corporation. (See Connelly, Lawrence E., assignor.)
- Foster Wheeler Corporation. (See Corbishley, Charles H., assignor.)
- Foster Wheeler Corporation. (See Dean, Dion K., assignor.)
- Foster Wheeler Corporation. (See Denney, Courtland F., assignor.)
- Foster Wheeler Corporation. (See Dodd, Gerald D., assignor.)
- Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
- Foster Wheeler Corporation. (See Frisch, M., and Woolley, assignors.)
- Foster Wheeler Corporation. (See Kennan, Walter F., jr., assignor.)
- Foster Wheeler Corporation. (See Keenan, W. F. jr., and Wetherald, assignors.)
- Foster Wheeler Corporation. (See Lichtenstein, Joseph, assignor.)
- Foster Wheeler Corporation. (See Primrose, John, assignor.)
- Foster Wheeler Corporation. (See Primrose, J., and Swanson, assignors.)
- Foster Wheeler Corporation. (See Rakestraw, Linn M., assignor.)
- Foster Wheeler Corporation. (See Wallis, John S., assignor.)
- Foster Wheeler Corporation. (See Wexler, Meyer, assignor.)
- Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Spring construction. 1,895,429; Jan. 24.
- Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Spring structure. 1,899,087; Feb. 28.
- Foster, William B., assignor to Foster Brothers Manufacturing Company, Utica, N. Y. Double bed couch construction. 1,926,672; Sept. 12.
- Foster, William E., Chicago, Ill. Egg cutter. 1,918,463; July 18.
- Foster, William H., Elkhart, Ind. Speed control means. 1,899,027; Feb. 28.
- Fostoria Glass Company. (See Bottome, Edgar M., assignor.)
- Fostoria Glass Company. (See Rosenmerkle, John C., assignor.)
- Fotakis, John, Washington, D. C. Automobile mirror set. 1,925,631; Sept. 5.
- Foth, William F. (See Deli, F. C., Groseclose, and Foth.)
- Fothergill, Robert E. (See Hahn, F. C., and Fothergill.)
- Fotheringham, Bruce, Puente, Calif. Fruit grader. 1,939,966; Dec. 19.
- Foto-Cut Process Corporation. (See Kneeland, Harry G., assignor.)
- Fouché, Georges. (See Bouvier, C., Fouché, and Seguin.)
- Founger, Nicolay K., New York, N. Y. Safety razor. 1,910,430; May 23.
- Founger, Nicolay K., New York, N. Y. Sharpening device for edged tools. 1,938,521; Dec. 5.
- Fouke, George W., St. Louis, Mo. Culinary slicer. 1,932,173; Oct. 24.
- Fouke, George W., assignor, by mesne assignments, to Kwick Kut Manufacturing Co., Inc., St. Louis, Mo. Tire grooving tool. 1,934,181; Nov. 7.
- Foulds, Andrew. (See Caltabiano, Gaetano, assignor.)
- Foulds, Charles V., Berkeley, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Surge pressure controlling means. Re18,969; Oct. 17.
- Foulds, Charles V., Berkeley, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Shaft coupling. 1,913,589; June 13.
- Foulds, William C., assignor of one-half to Dissociators Inc., and one-half to W. H. and L. D. Betz, trading as W. H. and L. D. Betz, Philadelphia, Pa. Preventing the formation of scale in boilers and the like. 1,927,027; Sept. 19.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Regulator. 1,897,474; Feb. 14.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Base and socket for electric lamps. 1,905,843; Apr. 25.
- Foulke, Ted E., Nutley, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electrical discharge device. 1,930,088; Oct. 10.
- Foulke, Willing B., Media, Pa. Camera. 1,911,680; May 30.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 1,929,369; Oct. 3.
- Found, Clifton G., Schenectady, N. Y., assignor to General Electric Company. Gaseous beacon lamp. 1,935,440; Nov. 14.
- Found, Clifton G., A. W. Hull, and J. C. Smith, Schenectady, N. Y., assignors to General Electric Company. Electric lamp and method of operation. 1,924,739; Aug. 29.
- Found, Robert A. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Foundry Equipment Company, The. (See Barnett, C. A., and Steindorf, assignors.)
- Foundry Equipment Company, The. (See McCann, H. P., and Baker, assignors.)
- Fountain, Howard J., London, England. Water heater or boiler. 1,937,059; Nov. 28.
- Fountain, Howard J., assignor to The Clarkson Thimble Tube Boiler Company Limited, London, England. Steam generator or water heater. 1,915,089; June 20.
- Fouquet, William F., assignor to Projection Optics Co., Rochester, N. Y. Adjustable mount for projecting lenses. 1,922,537; Aug. 15.
- Fourness, Charles A., Neenah, Wis., assignor to International Cellulotton Products Company, Chicago, Ill. Felted fabric. 1,941,255; Dec. 26.
- Fourness Development Corporation Ltd. (See Fourness, Wilfred, assignor.)
- Fourness, Wilfred, Oakland, Calif., assignor to Fourness Development Corporation Ltd., New York, N. Y. High speed compressor. 1,905,933; Apr. 25.
- Fourness, Wilfred, Oakland, Calif., assignor to Fourness Development Corporation, Ltd., New York, N. Y. Refrigerator pan. 1,909,577; May 16.
- Fournet, Sidney C. (See Fournet, Willie J., assignor.)
- Fournet, Willie J., St. Martinsville, assignor of one-half to S. C. Fournet, New Orleans, La. Harrow. 1,913,271; June 6.
- Fournier, Edmond E., Shrewsbury, and M. I. Vestal, Fall River, Mass. Clothing for cards and the like. 1,893,326; Jan. 3.
- Fournier, Emmanuel J., assignor to Production Engineering Company, Detroit, Mich. Rotary drum milling machine. 1,926,332; Sept. 12.
- Fournier, Herbert L., Nutley, N. J. Garage. 1,925,442; Sept. 5.
- Four-Way Lock Co., et al. (See Main, Andrew, assignor.)
- Four Wheel Drive Auto Company. (See Prior, Frank O., assignor.)
- Foust, Donald B., Easton, Pa. Electric motor. 1,912,441; June 6.
- Foust, Donald B., Bethlehem, Pa. Power transmission mechanism. 1,921,406; Aug. 8.
- Fouts, Horace A., San Antonio, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,936,298; Nov. 21.

- Fouts, Robert M., et al. (See Campbell, Willard, assignor.)
- Fouts, Samuel E., et al. (See Campbell, Willard, assignor.)
- Foutz, Clinton R., Baltimore, Md. Cooling system for internal combustion engines. 1,895,509; Jan. 31.
- Foutz, Clinton R., Baltimore, Md. Cooling system for internal combustion engines. 1,937,514; Dec. 5.
- Fowle, Frank E., Winnetka, Ill., assignor to Indiana Steel & Wire Company, Muncie, Ind. Treating zinc-coated wire. 1,896,613; Feb. 7.
- Fowler, Arno W., Highland, Ill. Clock winding mechanism. 1,924,116; Aug. 29.
- Fowler, Arno W., Highland, Ill. Clock. 1,929,631; Oct. 10.
- Fowler, Arno W., Highland, Ill. Electric clock. 1,932,774; Oct. 31.
- Fowler, Arno W., Highland, Ill. Horologic device for closing an electric circuit. 1,940,713; Dec. 26.
- Fowler, Carl H. (See Wildman, Harry G., assignor.)
- Fowler, Charles A., and B. F. Bedman, Salt Lake City, Utah. Spurious coin detector. 1,912,699; June 6.
- Fowler, Charles H., Leeds, England. Ridding implement on tilling machines. 1,903,991; Apr. 18.
- Fowler, Edith M., executrix. (See Fowler, Edward J.)
- Fowler, Edward J., deceased, by E. M. Fowler, executrix, Redwood City, Calif., assignor, by mesne assignments, to Nichols Engineering & Research Corporation, New York, N. Y. Furnace construction. 1,908,645; May 9.
- Fowler, Ewell E., East Point, Ga., assignor, by mesne assignments, to Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machine. 1,894,350; Jan. 17.
- Fowler, Fred D., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Shoe sole. Des. 88,865; Jan. 3.
- Fowler, Fred D., Newton, Mass., assignor to the B. F. Goodrich Company, New York, N. Y. Shoe sole. Des. 91,108; Nov. 28.
- Fowler, Fred D., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for embossing plastic articles. 1,919,363; July 25.
- Fowler, John, & Co., (Leeds) Ltd. (See Hasson, P. R., and Ellis, assignors.)
- Fowler, John F., Jr. (See Johnston, E. C., and Fowler.)
- Fowler, John T., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Rotary material reducing machine. 1,920,945; Aug. 1.
- Fowler, Joseph E., Worcester, Mass. Oil burner. Re18,827; May 9.
- Fowler, Leonard E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Shock absorbing spring. 1,923,361; Aug. 22.
- Fowler, Morris C. (See Ralston, O. C., and Fowler.)
- Fowler, Morris G., Clarkdale, Ariz., assignor to United Verde Copper Company. Metallurgical apparatus. 1,893,023; Jan. 3.
- Fowler, Morris G., C. R. Kuzell, and O. C. Ralston, assignors to United Verde Copper Company, Clarkdale, Ariz. Metallurgy of complex ores. 1,893,798; Jan. 10.
- Fowler, Theodore V., Jr., Pelham, assignor to General Chemical Company, New York, N. Y. Contact process for the manufacture of sulphuric anhydride. 1,930,125; Oct. 10.
- Fowler, Thomas C., Mount Albert, Auckland, assignor to Fowler's Automatic Advertising Limited, Auckland, New Zealand. Advertising device. 1,922,579; Aug. 15.
- Fowler, Thomas J., Chicago, Ill. Compressor housing. 1,895,508; Jan. 31.
- Fowler, Thomas J., Chicago, Ill. Manifold. 1,898,825; Feb. 21.
- Fowler and Union Horse Nail Company, The. (See Lange, Gustav W., and G. M., assignors.)
- Fowler's Automatic Advertising Limited. (See Fowler, Thomas C., assignor.)
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. Des. 89,753; May 2.
- Fox, Alexander P., assignor to Lincoln Engineering Company, St. Louis, Mo. Chuck. 1,913,982; June 13.
- Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 1,925,832; Sept. 5.
- Fox, Alexander P., University City, and W. Z. Linders, Normandy, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 1,935,150; Nov. 14.
- Fox, Arthur L. (See Lubs, H. A., and Fox.)
- Fox Automotive Products Corporation. (See Walde, Albert H., assignor.)
- Fox Case Corporation. (See Sponable, Earl I., assignor.)
- Fox Case Corporation. (See Whiting, Donald F., assignor.)
- Fox, Charles A., New York, N. Y. Carton. 1,930,235; Oct. 10.
- Fox, Charles A., New York, N. Y. Carton. 1,930,236; Oct. 10.
- Fox, Charles A., assignor to J. R. Kearney Corporation, St. Louis, Mo. Guy guard. 1,938,957; Dec. 12.
- Fox, Charles E., Langlois, Oreg. Mowing machine attachment. 1,907,291; May 2.
- Fox, Charles E., Brighton, assignor to British Oil Cleaners Limited, London, England. Cleansing waste lubricating oils. 1,930,006; Oct. 10.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Fire engine. 1,893,166; Jan. 3.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Fire engine. 1,898,826; Feb. 21.
- Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Aerial ladder truck. 1,908,969; May 16.
- Fox, Cyril A., Oakmont, Pa. Grinding track rails. 1,923,020; Aug. 15.
- Fox, Edgar N., assignor to The Garlock Packing Company, Palmyra, N. Y. Lubricating device. 1,928,448; Sept. 26.
- Fox Edge Co. Inc., The. (See Fox, Harry, assignor.)
- Fox, Fred G., Cortland, Ohio. Arms support for auto rumble seats. 1,898,008; Feb. 21.
- Fox, Frederick L., Washington, D. C., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 1,937,270; Nov. 28.
- Fox, Frederick L., Washington, D. C., and F. C. Gibson, Fairfax, Va. Golf game. 1,913,922; June 13.
- Fox Furnace Company, The. (See Suppes, Max M., assignor.)
- Fox, George R., St. Louis, Mo. Machine for the manufacture of laminated fibrous pulleys. 1,919,694; July 25.
- Fox, Gordon, and A. J. Whitcomb, assignors to Freyn Engineering Company, Chicago, Ill. Blast furnace charging system. 1,937,951; Dec. 5.
- Fox, Harry, assignor to The Fox Edge Co. Inc., Lowell, Mass. Upholstery edge. Re18,954; Sept. 19.
- Fox, Harry, assignor to The Fox Edge Co. Inc., Lowell, Mass. Upholstery edge. 1,897,928; Feb. 14.
- Fox, Harry, assignor to The Fox Edge Co. Inc., Lowell, Mass. Upholstery edge. 1,905,166; Apr. 25.
- Fox, Hugh F., Newark, N. J. Adjustable support for X-ray cassettes. 1,908,136; May 9.
- Fox, Jay B., Lincoln, Nebr. Hot-point regroover. 1,926,520; Sept. 12.
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass rolling apparatus. 1,906,563; May 2.
- Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Plate glass polishing block. 1,922,912; Aug. 15.
- Fox, John H., and W. Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Glass rolling apparatus. 1,906,564; May 2.
- Fox, John H., and W. Owen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass rolling apparatus. 1,939,967; Dec. 19.
- Fox, Jonas H., Seattle, Wash. Boiler. 1,902,159; Mar. 21.
- Fox, Lawrence H., E. Miami, Fla. Cowl pin and attaching means. 1,933,724; Nov. 7.
- Fox, Lewis I., Muenchen, assignor to I. Kreielseheimer, Perth Amboy, N. J. Preventing cannibalism among poultry. 1,922,157; Aug. 15.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Recess bed. 1,898,578; Feb. 21.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Folding bed. 1,899,412; Feb. 28.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Metal fixture for typewriter desks. 1,904,217; Apr. 18.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Extension table. 1,922,478; Aug. 15.
- Fox, Martin, assignor to The Seng Company, Chicago, Ill. Extension table. 1,937,221; Nov. 28.
- Fox, Merritt L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,898,622; Feb. 21.
- Fox, Merritt L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,909,943; May 23.
- Fox, Merritt L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Remote control device for shock absorbers. 1,920,192; Aug. 1.
- Fox, Merritt L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber with remote control and adjusting device. 1,921,025; Aug. 8.
- Fox, Ned B., Norway, Mich. Building blocks. 1,898,297; Feb. 21.
- Fox, Oscar W., Forest Hills, assignor to Geo. Borgfeldt & Co., New York, N. Y. Sipper. Des. 90,310; July 18.
- Fox, Oscar W., Forest Hills, assignor to Geo. Borgfeldt & Co., New York, N. Y. Sipper. Des. 90,311; July 18.
- Fox, Oscar W., Forest Hills, assignor to Geo. Borgfeldt & Co., New York, N. Y. Sipper. Des. 90,312; July 18.
- Fox, Owen L., Sardis, Miss. Safety slip-on server. 1,926,481; Sept. 12.
- Fox, William B., et al. (See Sharpnack, Frank A., assignor.)
- Foxboro Company, The. (See Bristol, Edgar H., assignor.)
- Foxboro Company, The. (See Mason, Clesson E., assignor.)
- Foxboro Company, The. (See Mason, C. E., and Dixon, assignors.)
- Foxboro Company, The. (See Middleton, C. J., and Beal, assignors.)
- Foxboro Company, The. (See Spink, Leland K., assignor.)
- Foxboro Company, The. (See Wilson, C. H., and Brown, assignors.)
- Fr. Hesser, Maschinenfabrik-Aktiengesellschaft. (See Gangler, Paul, assignor.)
- Fr. Hesser, Maschinenfabrik Aktiengesellschaft. (See Schwinger, Heinrich, assignor.)
- Fracker, Edward G. (See Flammer, H. A., and Fracker.)

- Fractionator Company, The. (See D'Yarmett, Edward C., assignor.)
- Fradette, Donald F., Cleveland, Ohio. Interlocking shingle. 1,927,586; Sept. 19.
- Fraenkel, Erich, administrator. (See Schneider, Karl.)
- Frahm, Carl A., Massillon, and E. W. Riemenschneider, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Tube manufacture. 1,899,143; Feb. 28.
- Fraiberg, Harry. (See Axelrod, Meyer L., assignor.)
- Fraim, Samuel R., Lancaster, Pa. Padlock. 1,895,655; Jan. 31.
- Fräkl, Mathias, Augsburg, Germany, assignor to American Oxythermic Corporation, New York, N. Y. Separating vapors from gases by refrigeration. 1,936,622; Nov. 28.
- Fralich, John S. Y., Chicago, Ill., and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder piston sleeve. 1,939,889; Dec. 19.
- Framburg, Henry A., Chicago, Ill. Lighting fixture. Des. 89,566; Apr. 4.
- Frame, Augustus J. (See Gilmore, J. G., and Frame.)
- Frame, Augustus J., assignor to Franklin Oil Heating, Inc., Columbus, Ohio. Oil burner head. 1,924,092; Aug. 29.
- Franceway, James A., Baton Rouge, La., assignor to Standard Oil Development Company. Restoring the activity of hydrogenation catalysts. 1,904,218; Apr. 18.
- Franceway, James A., Baton Rouge, La., assignor to Standard Oil Development Company. Reactivation of catalysts used in the hydrogenation of hydrocarbon oils. 1,908,338; May 9.
- Francis, Berton A., near Clear Lake, Wis. Tractor lug guard. 1,932,267; Oct. 24.
- Francis, Charles B., Pittsburgh, Pa. Carbon combustion furnace. 1,903,036; Mar. 28.
- Francis, Charles B., Pittsburgh, and P. B. Guyer, Clairton, Pa. Method and apparatus for sampling liquid metals. 1,933,425; Oct. 31.
- Francis, Charles C., and E. J. Sears, New York, N. Y. Apparatus for the automatic administration of medication. 1,922,941; Aug. 15.
- Francis, Chas. E., Co. (See Francis, Harry G., assignor.)
- Francis, Charles K. (See Ginger, F. M., and Francis.)
- Francis, Daniel R. (See Ellis, A. L., and Francis.)
- Francis, Earle V., and A. W. Lemmon, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Combined take-up and safety lock. 1,925,021; Aug. 29.
- Francis, Earle V., and A. W. Lemmon, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Combined take-up and safety lock. 1,925,022; Aug. 29.
- Francis, Harry G., assignor to Chas. E. Francis Co., Rushville, Ind. Roll glue spreader. 1,922,675; Aug. 15.
- Francis, Henry A. (See Walmsley, E., and Francis.)
- Francis, Oliver Thomas, Morristown, Minn. Transmission system. 1,913,583; June 13.
- Francis, Paul R., Los Angeles, Calif. Hoist brake. 1,934,684; Nov. 14.
- Francis, Paul R., assignor to Alloy Steel & Metals Company of California, Inc., Los Angeles, Calif. Hoist. 1,913,439; June 13.
- Francis, Wilfrid. (See Wheeler, T. S., and Francis.)
- Frank, Edwin G., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 1,932,775; Oct. 31.
- Frank, Hans-Heinrich. (See Caro, N., Frank, and Frank.)
- Frank, René, Selestat, France. Joining the ends of wire cloth. 1,929,940; Aug. 15.
- Frank, Bruno, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Green dyestuffs of the diphenylnaphthylmethane series. 1,938,014; Dec. 5.
- François, John D. (See Perkins, A. W., and François.)
- Francoise, Edward C., Parchment, assignor to Kalamazoo Vegetable Parchment Company, Kalamazoo, Mich. Preventing offsets. 1,921,313; Aug. 8.
- Frandsen, Lars, Los Angeles, Calif. Hollow brick or tile molding machine. 1,906,744; May 2.
- Frango Company. (See Batchell, George W., assignor.)
- Frank, Albert L., assignor to Seattle Tent & Awning Company, Seattle, Wash. Bedding protective device. 1,913,750; June 13.
- Frank, Albert R. (See Caro, N., Frank, and Frank.)
- Frank, Albert R. (See Caro, N., Frank, Siebert, Wendlandt, and Fischer.)
- Frank, Albert R. (See Caro, N., Frank, Wendlandt, and Fischer.)
- Frank, Benjamin M., and J. Basile, New York, assignors to Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Bed structure. Re18,725; Jan. 31.
- Frank, Clarence A., Edgewood Arsenal, Md. Indicating valve stem and low pressure signal switch. 1,924,921; Aug. 29.
- Frank, Clarence F., et al. (See Gartner, Raymond J., assignor.)
- Frank, Frederick A. (See Flynn, Bernard C., assignor.)
- Frank, Frederick C. (See Coutley, J. R., and Frank.)
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Brake adjusting means. 1,898,298; Feb. 21.
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Wheel. 1,900,101; Mar. 7.
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,900,178; Mar. 7.
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,415; May 9.
- Frank, Frederick C., assignor to Bendix Brake Company, South Bend, Ind. Wheel. 1,934,972; Nov. 14.
- Frank, George H., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic control device. 1,940,083; Dec. 19.
- Frank, Harrison J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 1,910,205; May 23.
- Frank, Harrison J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Motor control unit. 1,910,686; May 23.
- Frank, Harrison J. L., Highland Park, assignor to Bulldog Electric Products Company, Detroit, Mich. Connection device. 1,931,318; Oct. 17.
- Frank, Harrison J. L., J. A. Messing, and W. A. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Operating mechanism for switches. 1,931,319; Oct. 17.
- Frank, Harry S., New York, N. Y. Piston. 1,938,826; Dec. 12.
- Frank, Henry, Brooklyn, N. Y. Drafting pen. 1,903,965; Apr. 18.
- Frank, Herbert, Cassel-Wilhelmshöhe, Germany, assignor to The Superheater Company, New York, N. Y. Return bend manufacture. 1,938,692; Dec. 12.
- Frank, Hugo, Hartford, and R. L. Galinat, Wethersfield, Conn., assignors to The Beardsley & Wolcott Mfg. Co. Electric heating device. 1,911,272; May 30.
- Frank, John. (See Frank, Mary and J.)
- Frank, John J., Pittsfield, Mass., assignor to General Electric Company. Producing magnetic core. 1,915,988; June 27.
- Frank, Leo C. (See Conant, D. J., and Frank.)
- Frank, Leo C., McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company. Air cooled combustion engine. 1,922,200; Aug. 15.
- Frank, Leo C., McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric power plant. 1,925,870; Sept. 5.
- Frank, Leonard, St. Paul, Minn. Vegetable slicing mechanism. 1,900,491; Mar. 7.
- Frank, Louis, New York, N. Y. Valve handle. 1,936,109; Nov. 21.
- Frank, M. C. (See Geer, Paul L., assignor.)
- Frank, Mary and J., New York, N. Y. Marcelling device. 1,904,043; Apr. 18.
- Frank, Pardee H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 1,910,158; May 23.
- Frank, Paul A. (See Swern, William E., assignor.)
- Frank, William A., Hackensack, N. J., assignor to National Water Main Cleaning Co., New York, N. Y. Pipe cleaning and scraping equipment. 1,903,339; May 9.
- Frank, William C. (See Stevens, R. H., Frank, and Kelly.)
- Frank, William C., and F. E. Howells, Johnstown, Pa., assignors to Bethlehem Steel Company. Open hearth furnace. 1,911,495; May 30.
- Frankart, Inc. (See Underberg, Henry, assignor.)
- Frank, Clarence S., assignor to American Furnace Company, St. Louis, Mo. Furnace. 1,896,298; Feb. 7.
- Frank, Frida. (See Pohl, Theodor, assignor.)
- Frank, Heinrich, Hamburg-Altona, assignor to C. H. F. Müller Aktiengesellschaft, Hamburg-Fuhlsbüttel, Germany. Method of and system for taking X-ray photographs. 1,917,108; July 4.
- Frank, John C., Berlin-Wilmersdorf, Germany. Floating pump unit. 1,920,371; Aug. 1.
- Frank, John C., Berlin, Wilmersdorf, Germany, assignor to N. V. Oetroot Maatschappij "Hermes", Amsterdam, Netherlands. Pump. 1,909,578; May 16.
- Frankel, Irwin, New York, N. Y. Hair dressing accessory. 1,908,970; May 16.
- Frankel, Stefan, Berlin, Germany. Making photographic silver salt emulsions. 1,901,441; Mar. 14.
- Frankenberg, Fred, Brooklyn, N. Y. Multiple divider. 1,936,052; Nov. 21.
- Frankenburger, Walter. (See Zimmermann, W., and Frankenburger.)
- Frankenburger, Walter, and G. Roessler, Ludwigshafen-on-the-Rhine, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Production and application of layers sensitive to light. 1,903,783; Apr. 18.
- Frankenstein, Albert, Chicago, Ill. Bathroom fixture. 1,923,482; Aug. 22.
- Frankford, Frank P., Ridgefield Park, N. J. Brake valve. 1,918,025; July 11.
- Frankford, Frank P., Ridgefield Park, N. J. Cash fare coin box. 1,932,014; Oct. 24.
- Frankford, Frank P., Ridgefield Park, N. J. Turnstile. 1,933,725; Nov. 7.
- Frankl, Jacques, Vienna, Austria. Clothes trunk. 1,894,485; Jan. 17.
- Franklin, Benjamin, jr., Dresher, Pa. Grading frame. 1,918,842; July 18.
- Franklin, Charles S., Buckhurst Hill, England, assignor to Radio Corporation of America. Aerial. 1,901,025; Mar. 14.
- Franklin, Charles S., Buckhurst Hill, England, assignor to Radio Corporation of America. Wireless telegraphy and telephony and aerial system therefor. 1,907,945; May 9.

- Franklin, Charles S., Buckhurst Hill, England, assignor to Radio Corporation of America. Wireless telegraph and telephone aerial. 1,914,886; June 20.
- Franklin, Charles S., Buckhurst Hill, Essex, England, assignor to Radio Corporation of America. Cable for transmitting high frequency electrical energy. 1,937,559; Dec. 5.
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Thermionic tube. 1,904,436; Apr. 18.
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Thermionic tube. 1,906,458; May 2.
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Wireless telegraph and telephone aerial. 1,914,887; June 20.
- Franklin, Charles S., London, England, assignor to Radio Corporation of America. Antenna. 1,934,182; Nov. 7.
- Franklin, Charles S., Schenectady, N. Y., assignor to General Electric Company. Telemetric system. 1,929,241; Oct. 3.
- Franklin, Charles S., Buckhurst Hill, and E. Green, Hendon, London, England, assignors to Radio Corporation of America. Circuit arrangement. 1,893,136; Jan. 3.
- Franklin, Charles S., Los Angeles, and D. A. Cutler, Hollywood, Calif., assignors to General Electric Company. Alternating current generators. 1,898,827; Feb. 21.
- Franklin, Charles S., Buckhurst Hill, and E. Green, Hendon, London, England, assignors to Radio Corporation of America. Aerial system for use in wireless telegraphy and telephony. 1,908,595; May 9.
- Franklin Development Company. (See Oberhuber, William F., assignor.)
- Franklin Development Corporation. (See Marks, Edward S., assignor.)
- Franklin, Edward J. (See Coutant, Jay G., assignor.)
- Franklin, Edward J. (See Sanders, William K., assignor.)
- Franklin, Edward J., Salt Lake City, Utah. Water-tube steam boiler. Re18,901; July 25.
- Franklin, Edward J., Salt Lake City, Utah. Self-adjusting seal for joints of furnaces. 1,896,486; Feb. 7.
- Franklin Equipment Co. (See Langer, Rudolph J., assignor.)
- Franklin, John L., Atlanta, Ga. Announcing apparatus. 1,921,742; Aug. 8.
- Franklin, Laurence W., Delawanna, and F. J. Maus, Paterson, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Pilot lamp arrangement for multiplex telegraph printers. 1,919,161; July 18.
- Franklin, N. V. (See Snyder, Frank W., assignor.)
- Franklin Oil Heating, Inc. (See Frame, Augustus J., assignor.)
- Franklin Oil Heating, Inc. (See Gilmore, J. G., and Frame, assignors.)
- Franklin Railway Supply Company. (See Edwards, Norman L., assignor.)
- Franklin Railway Supply Company. (See Holtom, William H., assignor.)
- Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)
- Franklin Railway Supply Company. (See Roberts, Montague H., assignor.)
- Franklin Railway Supply Company. (See Titus, H. J., and Wallis, assignors.)
- Franklin Railway Supply Company. (See Vincent, Harry S., assignor.)
- Franklin Railway Supply Company. (See Zouck, George H., assignor.)
- Franklin Railway Supply Company. (See Zouck, G. H., and Shepard, assignors.)
- Franklin, Ralph E., assignor to Radio Corporation of America, Rocky Point, N. Y. Piezo-electric crystal oscillator circuit. 1,934,212; Nov. 7.
- Franklin Simon & Company. (See Long, Dorothy, assignor.)
- Franklin Simon & Company, Inc. (See Hennessy, Mary C., assignor.)
- Franklin Valveless Engine Company. (See Kahr, Martin, assignor.)
- Franklin-Williams, Inc. (See Franzen, E. T., and Weiss, assignors.)
- Franks, Russell, Jackson Heights, N. Y., assignor to Electro Metallurgical Company. Metal drawing. 1,932,454; Oct. 31.
- Fransosi, Antonio, Providence, R. I. Oil burner. 1,921,666; Aug. 8.
- Fransosi, Antonio, Providence, R. I. Container holder. 1,936,664; Nov. 28.
- Frantz, Allen J., Gary, Ind. Welding machine control. 1,931,255; Oct. 17.
- Frantz, Grover C., Harrisburg, Pa., assignor, by mesne assignments, to J. A. Sexauer Mfg. Co., Inc., New York, N. Y. Spring connection. 1,904,681; Apr. 18.
- Frantz Manufacturing Co. (See Ferris, William D., assignor.)
- Frantz, Peter. (See Mohler, P., and Frantz.)
- Frantz, Samuel G., B. S. McCutchen, and W. V. Roberts, Princeton, N. J.; said Frantz and said Roberts assignors to said McCutchen. Thermostat control. 1,917,880; July 11.
- Frantz, Virgil L., assignor to Graham-White Sander Corporation, Roanoke, Va. Automatic valve for locomotive sanders. 1,938,287; Dec. 5.
- Franz, Bernhard. (See Klarenaar G., and Franz.)
- Franz, Charles H., jr., Wauwatosa, Wis. Loose-leaf binder. 1,896,667; Feb. 7.
- Franz, Charles H., jr., Milwaukee, Wis. Loose-leaf binder. 1,909,944; May 23.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Selective electrical device. 1,907,776; May 9.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Container. 1,927,065; Sept. 19.
- Franz, Frederick, New Haven, Conn., assignor, by mesne assignments, to M. H. Rhodes, Inc., Wilmington, Del. Escapement. 1,934,611; Nov. 7.
- Franz, John W., St. Louis, Mo., assignor of one-half to L. J. Rasse, Fairbury, Nebr. Baffle for furnaces. 1,924,274; Aug. 20.
- Franzen, Eric T., Maplewood Township, Essex County, and A. J. Weiss, West Orange, assignors to Franklin-Williams, Inc., Orange, N. J. Device for drying motion picture film. 1,923,142; Aug. 22.
- Franzen, Eric T., Maplewood Township, Essex County, and A. J. Weiss, West Orange, assignors to Franklin-Williams, Inc., Orange, N. J. Inspection device for motion-picture film. 1,926,521; Sept. 12.
- Franzen, Eric T., Maplewood Township, Essex County, and A. J. Weiss, West Orange, assignors to Franklin-Williams, Inc., Orange, N. J. Film splicing machine. 1,934,417; Nov. 7.
- Franzen, Gordon W., Chicago, Ill. Brake. 1,914,366; June 20.
- Franzen, Hans. (See Luther, M., and Franzen.)
- Franzen, Hans. (See Schellmann, M., and Franzen.)
- Franzen, Hans, Mannheim, and R. Held, Leverkusen, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable products from tall oil. 1,921,566; Aug. 8.
- Franzen, Hans, Mannheim, and M. Schellmann, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of volatile substances from vegetal oils and fats and apparatus therefor. 1,937,320; Nov. 28.
- Franzen, Johan Fritiof, Tranas, Sweden. Self-closing gas cock. 1,930,007; Oct. 10.
- Franzen, Peter. (See Paschke, F., and Franzen.)
- Franzen, Tore, Grosse Pointe Park, assignor to Chrysler Corporation, Detroit, Mich. Bearing. 1,934,920; Nov. 14.
- Franzinelli, Severo, Holyoke, Mass. Shoe or hob nail. 1,931,186; Oct. 17.
- Frappier, Louis S., and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Compound film gate. 1,900,925; Mar. 14.
- Frappier, Louis S., and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Film gate support for motion picture projection machines. 1,906,053; Apr. 25.
- Frappier, Louis S., and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Film gate control. 1,913,380; June 13.
- Frappier, Louis S., and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Film magazine closure. 1,921,870; Aug. 8.
- Frappier, Louis S., and E. Boecking, assignors to International Projector Corporation, New York, N. Y. Fire shutter for motion picture projection machines. 1,925,657; Sept. 5.
- Frappier, Louis S., and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Projection machine. 1,933,549; Nov. 7.
- Frary, Eugene E., assignor to Utility Coin Machine Co., Los Angeles, Calif. Housing for a lotion and the like dispensing machine. Des. 91,024; Nov. 14.
- Fraser, Alexander H., jr., Brooklyn, N. Y. Auditorium seat. 1,910,206; May 23.
- Fraser, Earl, Rockland, Ill., assignor to McCarthy Improvement Company, Davenport, Iowa. Plow. 1,897,695; Feb. 14.
- Fraser, Frank, and G. B. Watkins, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing laminated glass. 1,921,612; Aug. 8.
- Fraser, George H., Brooklyn, N. Y. Air and other separator. 1,931,533; Oct. 24.
- Fraser, George H., Brooklyn, N. Y. Pulverizer and separator. 1,936,593; Nov. 28.
- Fraser, Gordon, N. and J. Arbroath, Angus, Scotland. Roving frame. 1,912,072; May 30.
- Fraser, Hannah C., and M. A. Fraser, Bournemouth, England. Hair waver or curler. 1,920,690; Aug. 1.
- Fraser, Henry A., and P. F. Crighton, London, England. Chair or settee bedstead. 1,903,918; Apr. 18.
- Fraser, Hugh J. (See Owens, R. J., and Fraser.)
- Fraser, James, and D. Campbell, Glasgow, Scotland. Hydraulic power transmitter. 1,926,277; Sept. 12.
- Fraser, John. (See Fraser, Gordon, N. and J.)
- Fraser, Joseph, Parnell, Auckland, New Zealand. Cargo hook. 1,915,524; June 27.
- Fraser, Mary A. (See Fraser, Harry C., and M. A.)
- Fraser, Norman. (See Fraser, Gordon, N. and J.)
- Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Grinding machine. 1,911,889; May 30.
- Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Grinding machine. 1,911,890; May 30.

- Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 1,914,561; June 20.
- Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Feeding mechanism for machine tools. 1,920,979; Aug. 8.
- Fraser, Warren F., Westboro, assignor to Norton Company, Worcester, Mass. Grinding and lapping machine. 1,933,373; Oct. 31.
- Fraser, William G., Fulham, London, England. Refining engine for use in pulp refining. 1,928,052; Sept. 26.
- Frater, Gordon G., assignor to G. B. Lewis Company, Watertown, Wis. Golf ball washer. 1,918,529; July 18.
- Fraterangelo, Liberatore. (See Moricca, Joseph, assignor.)
- Frauenfelder, Edward L. (See Fitch, H. H., and Frauenfelder.)
- Fraver, Ivan N., West Reading, Pa. Car heating, cooling, and ventilating means. 1,903,037; Mar. 28.
- Fray, Peter. (See Richter, W., and Fray.)
- Frazer, Verne, Easton, Pa. Production of iron oxide pigments. 1,923,362; Aug. 22.
- Frazer, Fred, assignor to Frazer & Jones Co., Syracuse, N. Y. Lifting and dumping apparatus. 1,927,004; Sept. 12.
- Frazer & Jones Co. (See Frazer, Fred, assignor.)
- Frazer, Joseph C. W. (See Bennett, O. G., and Frazer.)
- Frazer, Joseph C. W., Baltimore, Md., and L. S. Kassel; said Kassel assignor to Carbon Monoxide Eliminator Corporation, Pittsburgh, Pa. Using oxidation catalysts. 1,902,160; Mar. 21.
- Frazer, Joseph C. W., Baltimore, Md. Catalyst and making it. 1,934,795; Nov. 14.
- Frazer, Joseph C. W., Baltimore, Md. Oxidizing catalyst. 1,937,689; Dec. 5.
- Frazier, Benjamin L., Dallas, Tex. Ornamental device for radiator caps. 1,940,490; Dec. 19.
- Frazier, Charles, Ellwood City, Pa., assignor to National Tube Company. Draw-bench speed controls. 1,915,726; June 27.
- Frazier, Chauncey E., Washington, Pa., assignor to Simplex Engineering Company. Annealing furnace. 1,907,777; May 9.
- Frazier, Frederic H. (See Cohen, Jesse S., assignor.)
- Frazier, Frederic H. (See Lantingberg, D., and Jones, assignors.)
- Frazier, Kenneth S., assignor to Detroit Steel Products Company, Detroit, Mich. Partition wall and constructing the same. 1,924,986; Aug. 29.
- Frazier, Pearl G., Ankeny, Iowa. Automobile accelerator. 1,938,897; Dec. 12.
- Frazier, Philip A. (See Alger, H. C., and Frazier.)
- Frazier, Robert T., assignor to Tennessee Furniture Corporation, Chattanooga, Tenn. Refrigerator. Des. 89,567; Apr. 4.
- Frazer, Robert T., assignor to Tennessee Furniture Corporation, Chattanooga, Tenn. Refrigerator. 1,909,261; May 16.
- Frazin, Jacques S., Yonkers, N. Y. Serving tray. Des. 90,309; July 18.
- "Frecaldo" Automaten-Handelsgesellschaft Richter & Co. (See Asenbaum, Ernest, assignor.)
- Frech, Carl D., and F. F. Jueschke, Fort Wayne, Ind. Vapor circulating attachment for bathtubs. 1,922,798; Aug. 15.
- Fred, Selim. (See Stinson, G., and Fred.)
- Freda, Angelo R., Orange, N. J. Bank protector. 1,925,632; Sept. 5.
- Fredberg, Carl. (See Sundling, F. R., and Fredberg.)
- Fredberg, Carl, Chicago, Ill. Refrigerated display case for butcher shops and the like. 1,926,718; Sept. 12.
- Fredburg, Hugo. (See Sundling, F. R., and Fredberg.)
- Frede, Charles F., and K. S. Howard, St. Louis, Mo., assignors, by mesne assignments, to General Steel Castings Corporation, Granite City, Ill. Apparatus for cleansing or blasting castings or other articles. 1,928,621; Oct. 3.
- Fredenburgh, Mark N., East Orange, N. J., assignor to Westinghouse Lamp Company. Lamp manufacture. 1,916,366; July 4.
- Frederick, Charles W., and W. S. Eichelberger, assignors to Eastman Kodak Company, Rochester, N. Y. Objective. 1,897,896; Feb. 14.
- Frederick Iron and Steel Company, The. (See Brice, Albert L., assignor.)
- Frederick, John S., Emaus, Pa. Concrete form. 1,901,392; Mar. 14.
- Frederick, Joseph M., assignor to J. L. Rosenfield, Baltimore, Md. Faucet syringe. 1,940,210; Dec. 19.
- Frederick, Louis T., Valparaiso, Ind., assignor, by mesne assignments, to Continental Diamond Fibre Company, Newark, Del. Mica treating apparatus. 1,913,875; June 13.
- Frederick, Louis T., Valparaiso, Ind., assignor, by mesne assignments, to Continental Diamond Fibre Company, Newark, Del. Mica sorting apparatus. 1,913,877; June 13.
- Frederick, Louis T., Valparaiso, Ind., assignor to Continental Diamond Fibre Company, Newark, Del. Making tubes. 1,921,516; Aug. 8.
- Frederick, Philip. (See Diskin, H. B., and Frederick.)
- Frederick Snare Corporation. (See Stephenson, Laurence E., assignor.)
- Fredericksen Company. (See Schupp, Arthur A., assignor.)
- Frederickson, Axel E., and S. D. Tyler, Detroit, Mich. Container. 1,923,363; Aug. 22.
- Frederickson, Otto A., Ben Avon, Pa., assignor to National Electric Products Corporation, New York, N. Y. Armored cable. 1,900,492; Mar. 7.
- Frederics, E., Inc. (See Frederics, Ernest O., assignor.)
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Electrical treating apparatus. 1,904,437; Apr. 18.
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Hair waving heater. 1,923,862; Aug. 22.
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Time-control device. 1,933,249; Oct. 31.
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Hair waving heater. 1,933,847; Nov. 7.
- Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Protector clip for use in hair waving operations. 1,940,450; Dec. 19.
- Frederics, Ernest O., New York, N. Y., assignor to E. Frederics, Inc. Hair waving clip. 1,940,451; Dec. 19.
- Frederiksen, Carl J., assignor to Deere & Company, Moline, Ill. Pitman for harvesting machines. 1,907,055; May 2.
- Frederiksen, Felix M., Milwaukee, Wis., assignor, by mesne assignments, to Premier-Pabst Corporation. Cheese product and making the same. 1,918,595; July 18.
- Frederiksen, Felix M., Milwaukee, Wis., assignor, by mesne assignments, to Premier-Pabst Corporation. Cheese pasteurizing process. 1,925,093; Sept. 5.
- Frederiksen, Felix M., Milwaukee, Wis., assignor, by mesne assignments, to Premier-Pabst Corporation. Cheese product and making the same. 1,936,872; Nov. 28.
- Fredericksen, Arthur F., Waukesha, Wis. Device for testing carbonated beverages. 1,918,258; July 18.
- Fredrickson, Fred J., Evanston, Ill. Mat. 1,913,629; June 13.
- Fredrickson, Frederick, Boston, Mass. Theater chair. 1,929,971; Oct. 10.
- Fredrickson, Milton O., San Pedro, Calif. Wedge removing tool for electric motors and generators. 1,902,551; Mar. 21.
- Fredriksen, Norman, assignor to Armstrong Cork Company, Lancaster, Pa. Composition tile and making the same. 1,939,045; Dec. 12.
- Fredsall, Charles R., New York, assignor to McDonald Engineering Corporation, Brooklyn, N. Y. Labeling machine. 1,893,826; Jan. 10.
- Free, Edward E., New York, N. Y. Fluid operated relay. 1,936,356; Nov. 21.
- Free, John R., Limerick, Saskatchewan, Canada. Fence post. 1,895,186; Jan. 24.
- Free, John W., Aliquippa, assignor to Jones and Laughlin Steel Corporation, Pittsburgh, Pa. Galvanizing machine. 1,935,087; Nov. 14.
- Free, John W., Aliquippa, and R. Anderson, Coraopolis, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for end-to-end welding of pipe. 1,922,913; Aug. 15.
- Free, Walter H., New Rochelle, N. Y. Refrigerating device. 1,897,723; Feb. 14.
- Freeberg, Ernest R. (See Turner, H. I., and Freeberg.)
- Freeborn, John W. (See Johnson, F. A., and Freeborn.)
- Freebur Products Company. (See Freedman, Herman B., assignor.)
- Freeburg, Walter S., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Method of and apparatus for applying wire leads to electrical resistor units. 1,910,687; May 23.
- Freebury, Paul, Oamaru, New Zealand. Tapping clamp for high voltage electric live lines. 1,912,519; June 6.
- Freed, Joseph D. R., New York, N. Y. Visual indicator for radio direction finders and measuring systems. 1,915,780; June 27.
- Freed, Samuel, San Francisco, Calif. Dental appliance. 1,922,238; Aug. 15.
- Freedlander, Abraham L., Dayton, Ohio. Manufacturing belts. 1,901,442; Mar. 14.
- Freedlander, Abraham L., Dayton, Ohio. Belt. 1,911,496; May 30.
- Freedlander, Abraham L., Dayton, Ohio. Manufacturing a wrapped belt. 1,911,497; May 30.
- Freedlander, Abraham L., Dayton, Ohio. Belt. 1,924,354; Aug. 29.
- Freedlander, Abraham L., Dayton, Ohio. Belt. 1,924,355; Aug. 29.
- Freedlander, Abraham L., Dayton, Ohio. Belt. 1,933,899; Nov. 7.
- Freedman, Benjamin H., assignor to Hudson Holding Corporation, New York, N. Y. Match package. 1,905,695; Apr. 25.
- Freedman, Benjamin H., assignor to Hudson Holding Corporation, New York, N. Y. Match package. 1,905,696; Apr. 25.
- Freedman, Benjamin H., assignor to Hudson Holding Corporation, New York, N. Y. Match package. 1,905,844; Apr. 25.
- Freedman, Herman B., Brooklyn, N. Y., assignor to Freebur Products Company, Elizabeth, N. J. Soap dispenser. 1,937,014; Nov. 28.

- Freedman, Hyman, Brooklyn, N. Y. Dental bridge. 1,921,613; Aug. 8.
- Freedman, Jack E. (See Karnofsky, J. M., and Freedman.)
- Freedman, Jennie, New York, N. Y. Shoulder strap retainer. 1,903,259; Mar. 28.
- Freedman, Ruth, New York, N. Y. Wardrobe bag. 1,927,165; Sept. 19.
- Freegard, William, Elizabeth, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Surface covering. 1,929,165; Oct. 3.
- Freel, Albert E., Owensboro, Ky. Time indicating device. 1,935,842; Nov. 21.
- Freeland, Edward M., Pittsburgh, Pa. Furnace and operating the same. 1,913,197; June 6.
- Freeland, Edward M., Pittsburgh, Pa. Electrical steels and making same. 1,932,306; Oct. 24.
- Freeland, Edward M., Youngstown, Ohio. Silicon steel and making the same. 1,932,307; Oct. 24.
- Freeland, Edward M., Youngstown, Ohio. Electrical steel. 1,932,308; Oct. 24.
- Freeland, Edward M., Youngstown, Ohio. Electrical steel. 1,932,309; Oct. 24.
- Freeland, Frank J., assignor to Round Oak Furnace Company, Dowagiac, Mich. Stove or range. 1,922,361; Aug. 15.
- Freeland, Orville F., Muskegon, Mich., assignor to Anacoda Wire and Cable Company, New York, N. Y. Field coil. 1,939,808; Dec. 19.
- Freeland, Wallace A., Boise, Idaho. Advertising device. 1,914,562; June 20.
- Freeman, Albert E., East Orange, and T. C. Smith, Westfield, N. J., assignors to American Telephone and Telegraph Company. Winch brake. 1,927,978; Sept. 26.
- Freeman, Albert E., East Orange, N. J., and W. T. Livermore, Muncie, Ind., assignors to American Telephone and Telegraph Company. Winch clutch and brake. 1,936,713; Nov. 28.
- Freeman, Arthur C., Norfolk, Va. Heating unit for radiators. 1,913,923; June 13.
- Freeman, Axel, Canton, Ohio. Metal partition. 1,919,716; July 25.
- Freeman, Benjamin F., Long Island City, N. Y. Receptacle closure. 1,919,695; July 25.
- Freeman, Benjamin W. (See Brodfuehrer, B. B., Freeman, and Jester.)
- Freeman, Benjamin W. (See Messmer, Charles A., jr., assignor.)
- Freeman, Benjamin W., Cincinnati, Ohio. Cut-out machine. 1,894,486; Jan. 17.
- Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting shoes. 1,894,818; Jan. 17.
- Freeman, Benjamin W., Cincinnati, Ohio. Making shoes. 1,900,441; Mar. 7.
- Freeman, Benjamin W., Cincinnati, Ohio. Cutting machine for shoes. 1,907,256; May 2.
- Freeman, Benjamin W., Cincinnati, Ohio. Shoe ornamenting die. 1,908,895; May 16.
- Freeman, Benjamin W., Cincinnati, Ohio, and W. S. Herschel, St. Louis, Mo., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Marking and impression die and process of ornamenting and marking shoe uppers. 1,937,195; Nov. 28.
- Freeman, Ernest B., Newton, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Heat exchange apparatus. 1,895,755; Jan. 31.
- Freeman, Ernest B., Newton, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Heat exchange apparatus. 1,899,191; Feb. 28.
- Freeman, Ernest B., Newton, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Ventilating fan. 1,930,794; Oct. 17.
- Freeman, Ernest H., Wilmette, Ill., assignor to Republic Flow Meters Co., Chicago, Ill. Integrating meter. 1,904,438; Apr. 18.
- Freeman, Frederick H. (See Campbell, Leslie J., assignor.)
- Freeman Furniture Factories, Inc. (See Kelly, Gooding N., assignor.)
- Freeman, Hadley F., et al. (See Spangler, James A., assignor.)
- Freeman, Horace. (See Wagner, C. L., and Freeman.)
- Freeman, Hubert M., East Pittsburgh, and W. G. Wade, Pittsburgh, assignors to Westinghouse Electric and Manufacturing Company. Thermionic vacuum tube. 1,909,051; May 16.
- Freeman, Hubert M., East Pittsburgh, Pa., and W. G. Wade, New York, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Hot cathode electric discharge tube. 1,917,963; July 11.
- Freeman, John R., jr., assignor to The American Brass Company, Waterbury, Conn. Zinc base alloy. 1,914,367; June 20.
- Freeman, John R., jr., assignor to The American Brass Company, Waterbury, Conn. Die cast zinc base alloy product. 1,928,053; Sept. 26.
- Freeman, John R., jr., assignor to The American Brass Company, Waterbury, Conn. Die cast zinc base alloy product. 1,928,054; Sept. 26.
- Freeman, John R., jr., assignor to The American Brass Company, Waterbury, Conn. Zinc base die casting alloy. 1,930,341; Oct. 10.
- Freeman, L. M., et al. (See Hull, George S., assignor.)
- Freeman, Louis G., Company, The. (See Freeman, B. W., and Herschel, assignors.)
- Freeman, Samuel, assignor of one-half to W. H. Hitchcock and one-half to D. Levow, New York, N. Y. Bookstand. 1,910,207; May 23.
- Freeman and Sweet, et al. (See Spangler, James A., assignor.)
- Freeman, Walter B. (See Evans, B. A., and Freeman.)
- Freeman, Walter R., assignor to Midwest Engineering Corporation, Tulsa, Okla. Brake control mechanism. 1,895,316; Jan. 24.
- Freemon, William. (See Dell, F. P., and Freeman.)
- Freemon Electric Company. (See Freemon, John P., assignor.)
- Freemon, John P., Los Angeles, Calif., assignor to Freemon Electric Company, Cleveland, Ohio. Electric drill. 1,929,166; Oct. 3.
- Freer, Phelps M., Detroit, Mich. Piston. 1,904,305; Apr. 18.
- Freese, Ira H., Clarksburg, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass transfer mechanism. 1,926,041; Sept. 12.
- Freese, Ira H., Clarksburg, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass transfer mechanism. 1,927,087; Sept. 19.
- Freese, Ira H., Clarksburg, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Fire finisher. 1,930,746; Oct. 17.
- Freese, Ira H., Clarksburg, assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass take-out mechanism. 1,935,739; Nov. 21.
- Freese, Paul S., assignor of one-fourth to I. J. Dodge, Marietta, Ohio. Fruit juice extractor. 1,906,054; Apr. 25.
- Free use of the public. (See Gorman, Edward A.)
- Free use of the public. (See Schoenleber, L. G., and Graves.)
- Free Wheeling Patents Corporation. (See Bushong, Harry F., assignor.)
- Free Wheeling Patents Corporation. (See Fehlberg, Chester H., assignor.)
- Free Wheeling Patents Corporation. (See Fishburn, Otto E., assignor.)
- Free Wheeling Patents Corporation. (See Hartsock, Guy M., assignor.)
- Free Wheeling Patents Corporation. (See Lyman, Kenneth E., assignor.)
- Free Wheeling Patents Corporation. (See Sampson, John H., assignor.)
- Freezidor Syndicate. (See Wright, Leonard K., assignor.)
- Frehse, Albert W., assignor to General Motors Corporation, Detroit, Mich. Internal band brake. 1,913,156; June 6.
- Frei, John, jr., Chicago, Ill. Yieldable barrier. 1,897,250; Feb. 14.
- Frei, John, jr., Chicago, Ill. Illuminated artificial plant. 1,921,614; Aug. 8.
- Frei, John, jr., Chicago, Ill. Flexible post. 1,939,968; Dec. 19.
- Frei, John, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aryl-alpha-naphthylamines. 1,921,076; Aug. 8.
- Freiberg, Stanley B., Cincinnati, Ohio. Loose leaf binder. 1,919,784; July 25.
- Freiberg, Stanley B., Cincinnati, Ohio. Filing cabinet, lock, and tray. 1,926,897; Sept. 12.
- Freiberg, Stanley B., Cincinnati, Ohio. Filing cabinet, lock, and tray. 1,926,898; Sept. 12.
- Freiberg, Stanley B., assignor to International Visible Systems Corporation, Cincinnati, Ohio. Card filing device. 1,897,929; Feb. 14.
- Freiberg, Stanley B., assignor to International Visible Systems Corporation, Cincinnati, Ohio. Card filing device. 1,897,930; Feb. 14.
- Freiberg, Stanley B., assignor to International Visible Systems Corporation, Cincinnati, Ohio. Shifting mechanism for card filing devices. 1,897,931; Feb. 14.
- Freiberg, Stanley B., assignor to The International Visible Systems Corporation, Cincinnati, Ohio. Card structure. 1,923,197; Aug. 22.
- Freiberg, Stanley B., assignor to The International Visible Systems Corporation, Cincinnati, Ohio. Record blank. 1,923,198; Aug. 22.
- Freiberger, Moritz, Berlin, Germany. Treating vegetable or artificial fibers or fiber materials. 1,927,363; Sept. 19.
- Freiburghouse, Edward H., Schenectady, N. Y., assignor to General Electric Company. Power plant. 1,933,324; Oct. 31.
- Freiday, Jay A., East Orange, N. J., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Boiler. 1,924,850; Aug. 29.
- Freiday, Jay A., East Orange, N. J., assignor to T. E. Murray, deceased; J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors, Brooklyn, N. Y. Furnace for boilers. 1,932,455; Oct. 31.
- Freidlein, Alva G., Woodhaven, N. Y. Gripping tool. 1,933,419; Dec. 5.
- Freile, Bruce, Bogota, N. J., and A. C. Magrath, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Retractable device. 1,913,440; June 13.
- Freimund, Helmuth, and H. E. Brygger, Racine, Wis. Show case. 1,908,596; May 9.
- Freise, Max G., Angermund, near Dusseldorf, Germany, assignor to American Lurgi Corporation, New York, N. Y. Recovering metals such as tin lead, antimony, or the like. 1,910,286; May 23.

- Freitag, Carl. (See Ipatieff, W., and Freitag.)
- Freitag, Harry D., Lynbrook, assignor of one-half to Philip Sporn, Brooklyn, N. Y., Ground guard for electric power stations. 1,940,491; Dec. 19.
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pump. 1,902,065; Mar. 21.
- Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 1,923,717; Aug. 22.
- French Battery Company. (See Anthony, Herman R. C., assignor.)
- French Battery Company. (See Ramsay, Ralph E., assignor.)
- French Battery Company. (See Shannon, James L., assignor.)
- French Battery Company. (See Watzke, G. H., and Berigan, assignors.)
- French, Benedict V. K., and M. Cohen, assignors to United American Bosch Corporation, Springfield, Mass. Coupling device. 1,920,743; Aug. 1.
- French, Donald E. (See Lewis, A. T., and French.)
- French, Donald, Merion, Pa., assignor, by mesne assignments, to Carrier Research Corporation, Newark, N. J. Antivibration mechanism for blower casings. 1,915,058; June 20.
- French, Edward H., Columbus, Ohio. Purifying resins and product produced thereby. 1,916,104; June 27.
- French, Eugene O., Norway, Maine. Jar cap tightener. 1,940,538; Dec. 19.
- French, Fred W. and L. H., and H. B. Rathbun, assignors to The American Brass Company, Waterbury, Conn. Copper and copper alloy tube and making. 1,916,474; July 4.
- French, George F., Stamford, Conn., assignor to Riegel Paper Corporation, Riegelsville, N. J. Apparatus for measuring differential speed. 1,897,472; Feb. 14.
- French, George F., Stamford, Conn., assignor to Riegel Paper Corporation, Riegelsville, N. J. Consistency regulator. 1,925,833; Sept. 5.
- French, Guy M., Renfrew, Ontario, Canada. Door operating means. 1,915,600; June 27.
- French & Hecht, Incorporated. (See Hecht, Joseph L., assignor.)
- French & Hecht, Incorporated. (See Rober, Henry J., assignor.)
- French, Herbert J., Elizabeth, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Nitrided article of ferrous character containing a case-toughening element combined with a balanced case-forming element. 1,896,888; Feb. 7.
- French, Herbert J., Elizabeth, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Nitrided article of ferrous character containing a case-toughening element combined with a balanced case-forming element. 1,896,889; Feb. 7.
- French, Herbert J., Elizabeth, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Nitrided article of ferrous character containing a case-toughening element combined with a balanced case-forming element. 1,896,890; Feb. 7.
- French, James O., Los Angeles, Calif. Level. 1,893,988; Jan. 10.
- French, John W., Warren, assignor to The General Pressed Steel Company, Newton Falls, Ohio. Adjustable washer. 1,937,818; Dec. 5.
- French, Leon H. (See French, Fred W. and L. H., and Rathbun.)
- French, Louis O., Milwaukee, Wis. Liquid fuel internal combustion engine. 1,892,880; Jan. 3.
- French, Louis O., Milwaukee, Wis. Method and apparatus for feeding liquid fuel to internal combustion engines. 1,923,666; Aug. 22.
- French, Louis O., Milwaukee, Wis. Internal combustion engine. 1,926,040; Sept. 12.
- French, Louis O., Milwaukee, Wis. Method of and apparatus for preparing and using fuel in internal combustion engines. 1,928,754; Oct. 3.
- French, Morgan C., Englewood, Colo. Motor car stabilizer and safety brake. 1,933,973; Nov. 7.
- French Oil Mill Machinery Company, The. (See Barton, Kirtland C., assignor.)
- French Oil Mill Machinery Co. (See Polley, Frank G., assignor.)
- French Oil Mill Machinery Company, The. (See Simon, Forest C., assignor.)
- French Oil Mill Machinery Co. (See Stacy, Thomas F., assignor.)
- French Society Legendre Vin & Guetet. (See Del-Turco, Cosimo R., assignor.)
- Frenger, Frank G., New York, N. Y., assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Auto oiling device. 1,923,364; Aug. 22.
- Frenkel, Erich W. and A. Brust, Molkau, near Leiniz, Germany, assignors to Pittsburgh Plate Glass Company. Manufacture of varnishes and priming compounds. 1,936,230; Nov. 21.
- Frentzel, Herman C., Jr., assignor, by mesne assignments, to Milwaukee Air Power Pump Co., Milwaukee, Wis. Oil strainer or the like. 1,906,565; May 2.
- Frentzel, Herman C., Jr., assignor to Milwaukee Air Power Pump Co., Milwaukee, Wis. Apparatus for heating. 1,936,623; Nov. 28.
- Freseott, Nicholas, sr., Inwood, assignor of one-fourth to C. J. Schwartz, Brooklyn, N. Y. Trunk supporting attachment. 1,898,436; Feb. 21.
- Freter, Roy J., assignor to Tack Button Company, Toms River, N. J. Tack button and making same. 1,930,611; Oct. 17.
- Fretter, Nathan F., Cleveland Heights, Ohio. Wick carrying means. 1,903,260; Mar. 28.
- Fretter, Nathan F., Cleveland Heights, Ohio. Annular sealing device. 1,938,249; Dec. 5.
- Fretts, Charles N. (See Jarvis, F. J., and Fretts.)
- Fretts, Charles N. (See Jarvis, Frank J. and N. L., and Fretts.)
- Fretz, Homer E., Newton Square, Pa. Saddle support. 1,934,600; Nov. 7.
- Fretz-Moon Tube Company. (See Moon, John W., assignor.)
- Freundenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or a similar article. Des. 89,277; Feb. 14.
- Freundenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or a similar article. Des. 89,392; Mar. 7.
- Freund, Berthold G., New York, N. Y., and C. W. Thomas, Tenafly, N. J., assignors of thirty-five one-hundredths to said Freund, forty-five one-hundredths to said Thomas, and twenty one-hundredths to N. Lyons, Mount Vernon, N. Y. Dehydrating apparatus. 1,927,396; Sept. 19.
- Freund, Hugo A., et al. (See Nichols, Horace E., assignor.)
- Freund, Karl E. (See MacLachlan, A. D., and Freund.)
- Freund, Oswald. (See Block, Max, and Freund.)
- Freund, Paul. (See Pulvermacher, Karl, assignor.)
- Freund, Walter, St. Louis, Mo. Packaging device for bread and like loaves. 1,927,364; Sept. 19.
- Frevert, Harry L., and F. B. Foley, Philadelphia, Pa. Carbureting box and like article. 1,933,900; Nov. 7.
- Frey, Albert A., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulating material. 1,924,311; Aug. 29.
- Frey, C. N. (See Light, R. F., and Frey.)
- Frey, Charles A., Kansas City, Mo. Lawn mower. 1,899,564; Feb. 28.
- Frey, Charles N. (See Gore, H. C., and Frey.)
- Frey, Charles N. (See Schultz, A., and Frey.)
- Frey, Charles N. (See Shaver, A., and Frey.)
- Frey, Charles N., New York, N. Y., assignor, by mesne assignments, to Standard Brands Incorporated, Dover, Del. Food product. 1,897,251; Feb. 14.
- Frey, Charles N., New York, and R. F. Light, Brooklyn, N. Y., assignors, by mesne assignments, to Standard Brands Incorporated, Dover, Del. Production of sterols. 1,912,440; June 6.
- Frey, Frederick E. (See Huppke, W. E., and Frey.)
- Frey, John E., Pittsburgh, Pa. Combination lock. 1,898,947; Feb. 21.
- Frey, Percy C., assignor to H. Vogt Machine Co., Louisville, Ky. Refrigerating apparatus of the absorption type. 1,892,941; Jan. 3.
- Freydberg, Aaron, assignor to Freyberg Brothers, Inc., New York, N. Y. Tying strand or strip. 1,905,392; Apr. 25.
- Freydberg Brothers, Inc. (See Freyberg, Aaron, assignor.)
- Freydberg Bros., Inc. (See Strauss, Nathan J., assignor.)
- Freydberg, Ralph M., New York, N. Y., assignor, by mesne assignments, to Respro Inc. Backing material. 1,932,361; Oct. 24.
- Freyer, Erwin. (See Channock T., and Freyer.)
- Freyermuth, George H. (See Hanks, W. V., and Freyermuth.)
- Freyermuth, George H. (See Young, P. L., Hanks, and Freyermuth.)
- Freyermuth, George H., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of hydrogen from hydrocarbon gases. 1,904,439; Apr. 18.
- Freyermuth, George H., Elizabeth, N. J., and W. V. Hanks, Baton Rouge, La., assignors to Standard Oil Development Company. Reactivation of catalyst used in the preparation of hydrogen. 1,904,440; Apr. 18.
- Freyermuth, George H., Elizabeth, N. J., and J. K. Small and W. V. Hanks, Baton Rouge, La., assignors to Standard Oil Development Company. Production of hydrogen from refinery and other hydrocarbon gases. 1,904,441; Apr. 18.
- Freyman, Fred, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Resistance unit. 1,930,932; Oct. 17.
- Freyman, Walter O., Ozone Park, assignor to The United States Printing and Lithograph Company, Brooklyn, N. Y. Tire display stand. 1,916,044; June 27.
- Freyman, Walter O., Ozone Park, assignor to The United States Printing and Lithograph Company, Brooklyn, N. Y. Shipping and display carton. 1,916,045; June 27.
- Freyman, Walter O., Woodhaven, N. Y., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Display device. 1,938,898; Dec. 12.
- Frey Engineering Company. (See Bigelow, Charles G., assignor.)
- Frey Engineering Company. (See Ebner, Alfred J., assignor.)
- Frey Engineering Company. (See Everhard, Edgar P., assignor.)
- Frey Engineering Company. (See Fox, G., and Whitcomb, assignors.)
- Frey Engineering Company. (See Hayes, J. C., Jr., and Bigelow, assignors.)
- Frey Engineering Company. (See Whitcomb, Arthur J., assignor.)

- Frey Engineering Company. (See Whitcomb, A. J., Rice, and Callow, assignors.)
- Freyssinger, Johann, Lake Waccabuc, N. Y. Guide and stop fastener. 1,907,778; May 9.
- Freyssinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Separable fastener. 1,907,779; May 9.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Separable fastener. 1,908,231; May 9.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Separable fastener. 1,908,232; May 9.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Separable fastener. 1,910,891; May 23.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Separable fastener. 1,910,892; May 23.
- Freyssinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Separable mechanism for window sashes or the like. 1,939,969; Dec. 19.
- Kreysinet, Eugene, Neuilly-sur Seine, France. Concrete mixer. 1,931,956; Oct. 24.
- Freytag, Emil, et al. (See Nobst, Georg, assignor.)
- Frias, Pastor J., C. Jones, and M. Cheru, Buenos Aires, Argentina. System for the transmission of rotary motion. 1,903,714; Apr. 11.
- Friberg, Carl A., Malmo, Sweden. Method and apparatus for edge rolling of crepe paper. 1,904,825; Apr. 18.
- Frick, Carl S., Janesville, Wis. Liquid atomizer. 1,896,744; Feb. 7.
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Bottle refrigerator. 1,923,033; Aug. 15.
- Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Beverage cooling refrigerator. 1,932,268; Oct. 24.
- Frick, Chester A., assignor to Glascock Brothers Manufacturing Company, Muncie, Ind. Liquid measuring and dispensing apparatus. 1,934,623; Nov. 7.
- Frick, Chester A., and R. E. Baker, assignors to Glascock Brothers Mfg. Co., Muncie, Ind. Bottle refrigerator. 1,923,032; Aug. 15.
- Frick Company. (See Baer, Alvin H., assignor.)
- Frick Company. (See Buchler, Leon, jr., assignor.)
- Frick Company. (See Small, Norman M., assignor.)
- Frick Company. (See Zumbro, Frank R., assignor.)
- Frick, Emory H., and C. N. Eckel, Cincinnati, Ohio, assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Pattern for sheaves or pulleys. 1,893,583; Jan. 10.
- Frick, Harry A., Chicago, and F. O. Rouse, Downers Grove, Ill., assignors to International Harvester Company. Lift body for motor vehicles. 1,919,325; July 25.
- Frick, Julius, Milwaukee, Wis. Stair structure. 1,894,463; Jan. 17.
- Frick, Stanley A. (See Resch, Tony, assignor.)
- Fricke, Arthur, Dortmund, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Welded lock joint for sheet piling. 1,898,767; Feb. 21.
- Fricke, Carl J., New York, assignor of 30 per cent to G. H. Callaghan, New York, N. Y., and 10 per cent to D. P. Moore, Avon Park, Fla. Heel protector. 1,895,598; Jan. 31.
- Frickey, Royal E., San Francisco, and A. W. McClary, Oakland, assignors to Welding Service, Inc., San Francisco, Calif. Welding rod and manufacture. 1,926,070; Sept. 12.
- Friction Devices Company. (See Magee, C. L. C., Pfeiffer, Benjamin and R. S., assignors.)
- Frid, Edward M., et al. (See Gillespie, Homer L., assignor.)
- Friday, Ralph W., Pittsburgh, Pa. Repairing and securing screens. 1,927,826; Sept. 26.
- Friden, Carl M. F., Piedmont, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. Re18,911; Aug. 1.
- Friden, Carl M. F., Piedmont, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,913,630; June 13.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,903,105; Mar. 28.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,916,610; July 4.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,916,611; July 4.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,928,125; Sept. 26.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,936,903; Nov. 28.
- Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 1,936,904; Nov. 28.
- Friden, Carl M. F., Piedmont, and J. Renholts, Oakland, assignors to Instograph, Ltd., Oakland, Calif. Time recorder. 1,937,883; Dec. 5.
- Friebus, Reginald T., Montclair, N. J., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Sound reproducing means and method. 1,916,973; July 4.
- Fried, Julius, New York, N. Y. Container and applicator. 1,907,350; May 2.
- Fried, Krupp Aktiengesellschaft. (See Agte, C., and Moers, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Bornkessel, B., Breiting, Brauer, and Lehmann, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Breiting, Ernst, assignor.)
- Fried, Krupp Aktiengesellschaft. (See Ingenkamp, Matthias, assignor.)
- Fried, Krupp Aktiengesellschaft. (See Lehmann, K. A., and Zakowski, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Lorenz, R., and Egen, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Meyer, Robert, assignor.)
- Fried, Krupp Aktiengesellschaft. (See Ostmeyer, Eduard, assignor.)
- Fried, Krupp Aktiengesellschaft. (See Radermacher, August, and Bruckmann, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Voigtländer, H., and Kaufels, assignors.)
- Fried, Krupp Aktiengesellschaft. (See Wolf, Peter, assignor.)
- Fried, Krupp Aktiengesellschaft, Friedrich Alfred-Hutte. (See Bansen, H., and Löbbbecke, assignors.)
- Fried-Krupp Germaniawerft Aktiengesellschaft. (See Behrens, Heinz, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Baumann, Bruno, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Born, Alfred, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Helmrich, Friedrich, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Johannsen, Friedrich, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Linke, Gerhard, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Mertz, Fritz, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Mittag, Carl, assignor.)
- Fried, Krupp Grusonwerk Aktiengesellschaft. (See Schmid, Alfred, assignor.)
- Fried, Martin, New York, N. Y. Smoker's stand. Des. 89,883; May 16.
- Fried, Richard H., Pittsburgh, Pa. Meat support. 1,928,126; Sept. 26.
- Friedberg, Abram B., Highland Park, assignor to J. J. Mitzman, Newark, N. J. Flashing. 1,935,116; Nov. 14.
- Friedberg, Mayo, Chicago, Ill. Balloon. 1,924,236; Aug. 29.
- Friedberger-Aaron Manufacturing Company. (See Goldsmith, Edwin M., assignor.)
- Friedell, Willis S., Washington, D. C., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Mechanism for shaving cylindrical record tablets. 1,927,167; Sept. 19.
- Friedemann, Erich. (See Schieber, W., and Friedemann.)
- Friedemann, Matthew M., New York, N. Y. Adjustable stepped display device. 1,895,283; Jan. 24.
- Friedemann, Matthew M., New York, N. Y. Adjustable and reversible display device. 1,915,727; June 27.
- Frieden, Alexander, New Rochelle, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Adhesively joining one material to another. 1,927,166; Sept. 19.
- Friedensohn, Abraham, New York, N. Y. Nailhead embroidered perforated textile fabric. Des. 91,062; Nov. 21.
- Friederich, Alfred, Berlin, assignor to Aceta G. m. b. H., Berlin-Lichtenberg, Germany. Apparatus for moistening threads. 1,934,796; Nov. 14.
- Friedheim, Frank, Minneapolis, Minn. Bag adapted to be sealed by gummed tape. 1,896,668; Feb. 7.
- Friedl, Joseph, Covington, Ky., assignor to The Avey Drilling Machine Company, Cincinnati, Ohio. Drilling machine. 1,905,560; Apr. 25.
- Friedl, Louis J., Cleveland, Ohio. Process and apparatus for forming articles of plastic clay. 1,906,566; May 2.
- Friedland, Max, New York, N. Y. Carrier bag. 1,933,250; Oct. 31.
- Friedler, Fritz, Vienna, Austria. Preparation of sausage casings for stuffing. 1,938,070; Dec. 5.
- Friedli, John T., Seattle, Wash., and J. D. Guiss, San Francisco, Calif. Headlight testing device. 1,923,304; Aug. 22.
- Friedman, Benjamin J., New York, N. Y. Edible product. Des. 89,884; May 16.
- Friedman, Charles S., Neuilly-sur-Seine, assignor to Societe Anciens Etablissements A. Combe & Fils & Cie., Paris, France. Washable printed leather. 1,896,353; Feb. 7.
- Friedman, Ethel. (See Friedman, Joseph, assignor.)
- Friedman, Harry, and C. Hochmuth, Vancouver, British Columbia, Canada. Atmospheric pressure operated locking mechanism. 1,923,817; Aug. 22.
- Friedman, Hugo, Chicago, Ill. Knife. 1,940,855; Dec. 26.
- Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Nut blank sorter for tapping machines and the like. 1,897,116; Feb. 14.

- Friedman, Joseph, assignor to E. Friedman, Brooklyn, N. Y. Garment. 1,908,288; May 9.
- Friedman, Joseph S. (See Land, E. H., and Friedman.)
- Friedman, Louis, Brooklyn, N. Y. Cleaner. 1,931,534; Oct. 24.
- Friedman Manufacturing Company, The. (See Keating, Clarence S., assignor.)
- Friedman, Monroe, et al. (See Kahn, Samuel, assignor.)
- Friedman, Nathan, Yonkers, N. Y. Smoking pipe. 1,893,137; Jan. 3.
- Friedman, Samuel M., Brooklyn, N. Y. Electric switch. 1,925,585; Sept. 5.
- Friedman, William, New York, N. Y. Toilet accessory. 1,895,187; Jan. 24.
- Friedman, William, assignor to Lupé, Inc., New York, N. Y. Container. 1,903,357; Apr. 4.
- Friedmann, Albert, Wyomissing, and A. Rudelt, assignors of one-half to Minisac Mills, Inc., Philadelphia, Pa., and one-half to Louis Hirsch Textile Machines, Inc., New York, N. Y. Flat knitting machine. 1,926,522; Sept. 12.
- Friedmann, Alex, the Firm. (See Deutsch, Hans, assignor.)
- Friedrich, Edward. (See Friedrich, George E., assignor.)
- Friedrich, George E., assignor to E. Friedrich, San Antonio, Tex. Refrigerator. 1,893,769; Jan. 10.
- Friedrich, Hans, Berlin, Germany. Producing magnesium ammonium phosphate. 1,913,539; June 13.
- Friedrich, Hermann. (See Berthold, H., and Friedrich.)
- Friedrich, Hermann. (See Neelmeier, W., Nocken, and Friedrich.)
- Friedrich, Hermann, Leverkusen, and W. Droste, Leverkus-Wiesdorf, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of painting materials. 1,927,117; Sept. 19.
- Friedrich, Walter, Troisdorf, Germany. Manufacturing nitrous oxide. 1,896,945; Feb. 7.
- Friedrichs, Frederick M., Summerville, S. C. Radio secretary. 1,900,493; Mar. 7.
- Friedrichsen, Heinrich, Berlin-Treptow, Germany, assignor to General Electric Company. Electric glow lamp. 1,897,473; Feb. 14.
- Friedrichsen, Heinrich, Berlin-Treptow, Germany, assignor to General Electric Company. Polarity indicator. 1,905,697; Apr. 25.
- Friedrichsen, Heinrich, Berlin-Treptow, Germany, assignor to General Electric Company. Gaseous discharge device. 1,930,089; Oct. 10.
- Friel, Earl C., et al. (See Barnes, Alvin P., assignor.)
- Frieman, Jacob G., Los Angeles, Calif. Sanitary garment. 1,924,642; Aug. 29.
- Friend, Joseph C., Ashtabula, Ohio. Adjustable reamer grinding clearance gauge. 1,893,404; Jan. 3.
- "Friend" Manufacturing Company. (See Hull, John C., assignor.)
- Friend, Richard N., Sioux City, Iowa, assignor to Potter Manufacturing Corporation, Chicago, Ill. Tubular fire escape construction. 1,934,349; Nov. 7.
- Friend, Robert O., Chicago, Ill. Zeolite water softener. Re18,970; Oct. 17.
- Friend, Wayne Z. (See Looker, C. D., Kester, Hass, and Friend.)
- Friendly, Herbert M., deceased, Chicago, Ill.; M. S. Friendly and Central Trust Company of Illinois, executors. Telephone system. 1,917,024; July 4.
- Friendly, Herbert M., deceased, and A. M. Burns, Portland, Oreg.; said Burns assignor to said Friendly, M. S. Friendly, and Central Republic Bank and Trust Company of Illinois, executors. Toll telephone switching apparatus. 1,894,090; Jan. 10.
- Friendly, Herbert N., deceased, Portland, Oreg.; Milton S. Friendly and Central Republic Bank and Trust Company, executors. Telephone system. 1,922,701; Aug. 15.
- Friendly, Milton, et al., executors. (See Friendly, Herbert N., assignor.)
- Friendly, Milton S., et al., executors. (See Friendly, Herbert M.)
- Friendly, Milton S., et al., executors. (See Friendly, H. M., and Burns.)
- Frier-Hartog, Incorporated. (See Hartog, Paul D., assignor.)
- Fries Bros. (See Borman, John W.)
- Fries, Daniel G. (See Macklin, F. T., and Fries.)
- Fries, Edwin A., and V. Fries, Fort Wayne, Ind. Line fastener. 1,931,346; Oct. 17.
- Fries, Friedrich. (See Ebert, G., Fries, and Garbsch.)
- Fries, Harold H. (See Borman, John W., assignor.)
- Fries, Vollmar. (See Fries, Edwin A., and V.)
- Friesel, Adolph J., Chicago, Ill. Combination plug and fuse. 1,900,926; Mar. 14.
- Friesner, Charles E., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Umbrella-supporting table. 1,936,428; Nov. 21.
- Friez, Julian P., & Sons, Inc. (See Chappell, R. R., and Streb, assignors.)
- Frigidaire Corporation. (See Benbow, D. A., and Kunz, assignors.)
- Frigidaire Corporation. (See Bichowsky, Francis R., assignor.)
- Frigidaire Corporation. (See Buvinger, George A., assignor.)
- Frigidaire Corporation. (See Candor, Robert R., assignor.)
- Frigidaire Corporation. (See Carl, James W., assignor.)
- Frigidaire Corporation. (See Chase, Frederic L., assignor.)
- Frigidaire Corporation. (See Chase, F. L., and Cook, assignors.)
- Frigidaire Corporation. (See Floyd, W. B., and McCormack, assignors.)
- Frigidaire Corporation. (See Gelger, Carl F., assignor.)
- Frigidaire Corporation. (See Geyer, Bertram B., assignor.)
- Frigidaire Corporation. (See Grier, John A., assignor.)
- Frigidaire Corporation. (See Henney, C. F., and Kaufman, assignors.)
- Frigidaire Corporation. (See Hofferberth, George F., assignor.)
- Frigidaire Corporation. (See Holbrook, William C., assignor.)
- Frigidaire Corporation. (See Hull, Harry B., assignor.)
- Frigidaire Corporation. (See Kaufman, Daniel L., assignor.)
- Frigidaire Corporation. (See Kimm, Ewald J., assignor.)
- Frigidaire Corporation. (See King, Jesse G., assignor.)
- Frigidaire Corporation. (See Kuhls, Carl F., assignor.)
- Frigidaire Corporation. (See Maccabee, David E., assignor.)
- Frigidaire Corporation. (See Mann, Cecil A., assignor.)
- Frigidaire Corporation. (See Matthews, William H., assignor.)
- Frigidaire Corporation. (See McCormack, Alex A., assignor.)
- Frigidaire Corporation. (See McNary, Robert R., assignor.)
- Frigidaire Corporation. (See Midgley, Thomas, jr., assignor.)
- Frigidaire Corporation. (See Midgley, T., jr., Henne, and McNary, assignors.)
- Frigidaire Corporation. (See Newill, Edward B., assignor.)
- Frigidaire Corporation. (See Rau, John T., assignor.)
- Frigidaire Corporation. (See Reeves, Donald H., assignor.)
- Frigidaire Corporation. (See Robillard, Robert E., assignor.)
- Frigidaire Corporation. (See Schmieding, Warren H. F., assignor.)
- Frigidaire Corporation. (See Smith, Harry F., assignor.)
- Frigidaire Corporation. (See Summers, Otto M., assignor.)
- Frigidaire Corporation. (See Van Deventer, Harry R., assignor.)
- Frigidaire Corporation. (See Wallace H., and Holbrook, assignors.)
- Frigidaire Corporation. (See Wallis, Harold B., assignor.)
- Frigidaire Corporation. (See Williams, Harry M., assignor.)
- Frigidinks, Inc. (See Downer, Raymond H., assignor.)
- Friis, Harold T. (See Bruce, E., and Friis.)
- Frink, Carl H., Clayton, N. Y. Snowplow. 1,900,703; Mar. 7.
- Frink, Carl H., Clayton, N. Y. Snowplow attachment for motor trucks. 1,929,548; Oct. 10.
- Frink Corporation, The. (See Spencer, William H., assignor.)
- Frink, Frederick W., Schenectady, N. Y., assignor to General Electric Company. Signal system. 1,923,718; Aug. 22.
- Frink, Robert L., Lancaster, Ohio. Charging apparatus. 1,913,665; June 13.
- Frins, Maximilian C., Watchung, N. J., assignor to International Motor Company, New York, N. Y. Universal joint. 1,894,986; Jan. 24.
- Frisbie, Raymond H., Kewaunee, and W. Wright, Green Bay, Wis. Amusement device. 1,932,035; Oct. 24.
- Frisch, Arthur, Brooklyn, N. Y. Motion picture projecting apparatus. 1,929,353; Oct. 3.
- Frisch, Erling. (See Schaeichlin, W., and Frisch.)
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Feeder. 1,896,354; Feb. 7.
- Frisch, Martin, Bronx, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverizing apparatus. 1,898,086; Feb. 21.
- Frisch, Martin, Bronx, assignor to Foster Wheeler Corporation, New York, N. Y. Burner. 1,910,893; May 23.
- Frisch, Martin, Bronx, N. Y., and H. O. Woolley, Maplewood, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Furnace floor structure. 1,896,669; Feb. 7.
- Frisch, Nikodemus, Augsburg, Germany. Grit distributing machine. 1,932,928; Oct. 31.
- Frischer, Hermann, Cologne-Lindenthal, Germany. Apparatus for the treatment of acids and acid materials. 1,910,101; May 23.
- Frischer, Hermann, Cologne-Lindenthal, Germany. Concentrating nitric acid. 1,924,312; Aug. 29.
- Frischer, Hermann, Berlin, Germany. Structural material capable of withstanding halogen hydrides. 1,930,890; Dec. 19.
- Frischknecht, Ernest, East Orange, N. J., assignor to The Teleregister Corporation, New York, N. Y. Slow-to-release relay. 1,923,863; Aug. 22.
- Frischknecht, Ernest, Long Island City, assignor to The Teleregister Corporation, New York, N. Y. Stroboscope. 1,940,411; Dec. 19.

- Frischkorn, Heinrich, Gelsenkirchen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Apparatus for heating articles. 1,920,691; Aug. 1.
- Frist, Ren L., Dana, Ind. Wall spacer for concrete forms. 1,920,070; July 25.
- Fritch, Charles A., assignor to Brantford Roofing Company, Limited, Brantford, Ontario, Canada. Flashing. 1,928,097; Sept. 26.
- Fritch, Elue O., assignor to The Kelly-Springfield Tire Company, Cumberland, Md. Vehicle tire. Des. 89,694; Apr. 25.
- Fritscon, Juris, and A. Viksne, Riga, Latvia. Device for carrying bombs and other heavy bodies on and releasing them from aircraft. 1,913,708; June 13.
- Fritsons, Juris, Riga, Latvia. Electromagnetic device. 1,907,534; May 9.
- Fritsch, Hermann, Dusseldorf-Rath, Germany. Feeding device for pilger rolling mills. 1,936,475; Nov. 21.
- Fritsche, Carl B., assignor to Aircraft Development Corporation, Detroit, Mich. Airship mooring method and apparatus. 1,893,584; Jan. 10.
- Fritsche, John T., Bay Village, Ohio, assignor to B. Schoch, Indianapolis, Ind. Watertight joint. 1,939,115; Dec. 12.
- Fritsche, Rudolf, New York, N. Y. Device for making corrections on lithographic printing surfaces. 1,940,539; Dec. 19.
- Fritschi, Hans. (See Haas, F. S., and Fritschi.)
- Fritschi, Hans, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,760; Dec. 12.
- Fritschi, Hans, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 1,938,761; Dec. 12.
- Fritschle, Arthur, St. Louis, Mo., assignor to Owens-Illinois Glass Company. Metal alloy. 1,906,567; May 2.
- Fritts, Edwin C., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for photographic color processes. 1,912,700; June 6.
- Fritts, Edwin C., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding signal device. 1,921,517; Aug. 8.
- Fritts, Edwin C., assignor to Eastman Kodak Company, Rochester, N. Y. Duplex camera construction. 1,933,797; Nov. 7.
- Fritts, Edwin C., assignor to Eastman Kodak Company, Rochester, N. Y. Recording machine camera support. 1,939,208; Dec. 12.
- Fritts, Edwin C., assignor to Eastman Kodak Company, Rochester, N. Y. Projection apparatus. 1,939,209; Dec. 12.
- Fritts, Wilfred G., Lexington, N. C. Tire cutting machine. 1,897,425; Feb. 14.
- Fritz, Albert C., Evergreen Park, Ill. Burial vault. Des. 90,280; July 11.
- Fritz, Carl L. (See Bertram, H. R., and Fritz.)
- Fritz-Cross Company, The. (See Garrow, James A., assignor.)
- Fritz-Cross Company, The. (See Goenen, L. E., and Garrow, assignors.)
- Fritz, Edward B., Chicago, Ill. Pulp fibering and hydrating machine and process. 1,913,540; June 13.
- Fritz, Edward M., and E. K. and F. W. Thomas, assignors to Grand Rapids Cabinet Company, Grand Rapids, Mich. Storage and display cabinet. 1,924,117; Aug. 29.
- Fritz, Edward M., and E. K. and F. W. Thomas, assignors to Grand Rapids Cabinet Company, Grand Rapids, Mich. Storage and display cabinet. 1,924,118; Aug. 29.
- Fritz, Ernest M., Chicago, Ill. Golf bag stand. 1,924,182; Aug. 29.
- Fritz, Ernest M., Chicago, Ill. Golf bag stand. 1,924,183; Aug. 29.
- Fritz, Frank, Toronto, Ontario, Canada. Internal combustion engine. 1,897,897; Feb. 14.
- Fritz, Hanns, assignor to "Schnellpressenfabrik Koenig & Bauer, Aktiengesellschaft," Wurzburg, Germany. Casting machine for hemicylindrical printing plates. 1,932,580; Oct. 31.
- Fritz, Howard E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Acid vat. 1,899,413; Feb. 28.
- Fritz, Howard E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid seal for relatively rotating parts. 1,925,898; Sept. 5.
- Fritz, John, Eggertsville, and C. Venherm, Buffalo, N. Y. Heating system for automobiles. 1,928,127; Sept. 26.
- Fritze, George M. (See Barrett, J. M., and Fritze.)
- Fritze, Otto, Berlin, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,897,474; Feb. 14.
- Fritzsche, Paul. (See Streitwolf, K., Fehrle, Hermann, and Fritzsche.)
- Frobisher, Ralph S., Portsmouth, N. H., assignor to Bemis Industries, Incorporated, Boston, Mass. Insulating block. 1,921,518; Aug. 8.
- Fröding, Olof E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separating bowl. 1,935,117; Nov. 14.
- Froekman, William A., St. Louis, Mo. Electrical testing apparatus. 1,912,185; May 30.
- Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Drawing table. 1,907,780; May 9.
- Froelicher, Victor, Ridgewood, N. J., assignor to Textile Dyeing and Printing Co. of America, Inc. Weighted silk and weighting the same. 1,902,226; Mar. 21.
- Froesch, Charles. (See Masury, A. F., and Froesch.)
- Froeschl, Otto P., et al. (See Bailey, Charles W., assignor.)
- Froeschl, Paul A., et al. (See Bailey, Charles W., assignor.)
- Froesé, Edmund, Brooklyn, N. Y. Decorated urea ware and producing same. 1,914,247; June 13.
- Fröhlich, A. (See Wendt, B., Bincer, and Fröhlich.)
- Fröhlich, Hans, and E. Spahn, Zug, Switzerland, assignors to Landis & Gyr, A. G. Meter mounting. 1,929,201; Oct. 3.
- Frøisland, Amundur, Oslo, Norway. Pump for the conveyance of thick fluid pulps. 1,909,052; May 16.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Printing unit. 1,903,507; Apr. 11.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,907,100; May 2.
- Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,910,601; May 23.
- Frolich, Per K. (See Forrest, H. O., and Frolich.)
- Frolich, Per K. (See White, A., and Frolich.)
- Frolich, Per K., and S. P. Gildersleeve, assignors to Standard Oil Development Company, Elizabeth, N. J. Dilution detector for antifreeze solutions. 1,919,628; July 25.
- Frolio, Natal, Rahway, N. J. Toothbrush. 1,927,365; Sept. 19.
- Fronaget, Pierre M., Toulon, France. Clutch device with a hydraulic servomotor. 1,934,850; Nov. 14.
- Fromm, George J., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 89,634; Apr. 18.
- Fromm, George J., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 89,635; Apr. 18.
- Fromm, George J., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 89,636; Apr. 18.
- Fromm, Herbert, Hamburg, Wis. Fruit juice extractor. 1,894,858; Jan. 17.
- Fromm, Herbert, Hamburg, Wis. Spring seat. 1,931,407; Oct. 17.
- Fronek, Anthony. (See Kaltenbach, R. W., and Fronek, assignor.)
- Froom, Earl W. (See Paulin, A. L., and Froom.)
- Frost, Donald F., Rockport, Mass., assignor to General Electric Company. Oxy-arc cutting nozzle. 1,917,109; July 4.
- Frost, George S., Baldwin, assignor to New York Pie Baking Co., New York, N. Y. Pie package. 1,903,212; Mar. 28.
- Frost, John G. G., assignor to The National Smelting Company, Cleveland, Ohio. Apparatus for smelting aluminum. 1,922,428; Aug. 15.
- Frost, John G. G., assignor to The National Smelting Company, Cleveland, Ohio. Melting aluminum. 1,922,429; Aug. 15.
- Frost, John J. (See Root, L. C., Lane, and Frost.)
- Frost, Louis H. (See Stewart, E. P., and Frost.)
- Frost, Myron O., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. System of assembling shoes. 1,929,738; Oct. 10.
- Frost, William J., Jackson Heights, N. Y., assignor to Evans Elevator Equalizer Company, Bedford, Ind. Suspension device for equalizing the strain on elevator cables. 1,902,161; Mar. 21.
- Frost, William M., Spokane, Wash. Electric insect destroyer. 1,895,570; Jan. 31.
- Frost, William P., Jackson Heights, N. Y., assignor to Evans Elevator Equalizer Company, Bedford, Ind. Device for equalizing strains upon a group of cables connected to a stress-receiving element. 1,894,351; Jan. 17.
- Frost, William P., Jackson Heights, N. Y., assignor to Evans Elevator Equalizer Company, Bedford, Ind. Device for equalizing strain on hoisting ropes. 1,915,486; June 27.
- Frostad, George O., assignor to National Paper Can Company, Milwaukee, Wis. Container and manufacture of same. 1,896,076; Feb. 7.
- Frostad, George O., and J. E. Annen, assignors to The National Paper Can Company, Milwaukee, Wis. Paper can machine. 1,929,632; Oct. 10.
- Frosted Foods Company. (See Birdseye, C., and Hall, assignors.)
- Frosted Foods Company. (See Brackett, Alfred B., assignor.)
- Frosted Foods Company. (See Hall, Bicknell, assignor.)
- Frosted Foods Company. (See Harding, Franklin T., assignor.)
- Frosted Foods Company. (See Tressler, D. K., and Murray, assignors.)
- Frosted Foods Company. (See Tressler, D. K., and Norton, assignors.)
- Frosted Foods Company, Inc. (See Birdseye, Clarence, assignor.)

- Froussard, Albert F., St. Louis, Mo. Shoe heel machine. 1,998,044; Feb. 21.
- Frow, James A. (See Wagner, E. E., and Frow.)
- Frowein, Friedrich. (See Jaenecke, E., and Frowein.)
- Frownfield, James M., New York, N. Y. Pipe rack. Des. 90,107; June 13.
- Frozen Confections, Inc. (See West, John W., assignor.)
- Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
- Fruehauf Trailer Corporation. (See Reid, Frederick M., assignor.)
- Früh, Conrad J., Zurich, Switzerland. Process for wet-treatment, especially for washing textile goods in the form of fabrics. 1,916,946; July 4.
- Frühstorfer, Edgar, Geneva, Switzerland, assignor to Isothermos Corporation of America, New York, N. Y. Oil dipper for automatic lubricating boxes of bearings. 1,938,250; Dec. 5.
- Fruit Belt Preserving Company. (See Crawford, S. L., and Wegner, assignors.)
- Frulli, Dino. (See Chelazzi, M., and Frulli.)
- Frumovitz, Harry L. (See Lefkowitz, H., and Klein, assignors.)
- Fruth, Hal F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Liquid spray device. 1,901,954; Mar. 21.
- Fry, Benjamin L., St. Louis, Mo. Delivery mechanism for vending machines. 1,924,780; Aug. 29.
- Fry, Jacob R., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 1,897,045; Feb. 14.
- Fry, John J., Roxborough, Pa., assignor to The Allen-Sherman-Holl Company. Ash quencher. 1,929,093; Oct. 3.
- Fry, Richard J., Alexandria, near Sydney, New South Wales, Australia. Hand starting device for internal combustion engines. 1,911,113; May 23.
- Fry, Thomas E., assignor to O. K. Herndon, Kansas City, Mo. Device for clarifying and purifying liquids. 1,923,534; Aug. 22.
- Frye, Howard E., Lyman, Nebr. Coin-controlled mechanism. 1,899,321; Feb. 28.
- Frye, Jason S., Sacramento, Calif. Valve lifter. 1,934,973; Nov. 14.
- Frye, Robert, Alexandria, La. Destructive distillation of resinous wood with superheated steam. 1,909,397; May 16.
- Frye, Robert P., Marlboro, Mass. Sole rest for pulling-over machines. 1,936,429; Nov. 21.
- Frye, Samuel H., and F. H. Ford, Findlay, Ohio. Oil purifying apparatus. 1,926,741; Sept. 12.
- Fryer, Roy C. (See Schnell, D. S., and Fryer.)
- Fryer, Roy C., Cincinnati, Ohio, assignor to The Duncan Electric Manufacturing Company, Lafayette, Ind. Electric meter. 1,908,833; May 16.
- Fryling, Charles F. (See Burke, S. P., and Fryling.)
- Fryslie, Edward, Iowa Falls, Iowa. Tile cleaning apparatus. 1,919,549; July 25.
- Ftacek, Steven, Ottawa, Ill. Aeroplane propeller. 1,913,590; June 13.
- Fuchs, Camille H., New Rochelle, N. Y. Internal combustion engine. 1,917,758; July 11.
- Fuchs, Charles A., Hollis, assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Power driven ribbon feed and reverse. 1,936,594; Nov. 28.
- Fuchs, Edgar. (See Schwalbe, W., Fuchs, Schnecko.)
- Fuchs, Fritz E., Maplewood, N. J., assignor, by mesne assignments, to The Dehydro Company, Tulsa, Okla. Treatment of cut oils. 1,897,010; Feb. 7.
- Fuchs, Fritz E., Maplewood, N. J., assignor, by mesne assignments, to The Dehydro Company, Tulsa, Okla. Medium for separating oil-water emulsions (blown oil). 1,929,399; Oct. 3.
- Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,905,845; Apr. 25.
- Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,925,240; Sept. 5.
- Fuchs, Leo, Cameron, Tex. Glare shield. 1,900,337; Mar. 7.
- Fuchs, Otto, Constance, Baden, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Making unsaturated aliphatic ketones. 1,925,317; Sept. 5.
- Fuchs, Otto, Constance, assignor, by mesne assignments, to Firm of Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Continuous production of esters of ethyl alcohol. 1,939,116; Dec. 12.
- Fuchs, Siegfried, Brooklyn, N. Y. Combination hot water boiler and heater. 1,933,726; Nov. 7.
- Fuehrer, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Water tube connection. 1,911,946; May 30.
- Fuehrer, George H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Cleansing device for rock drills. 1,911,947; May 30.
- Fuehrer, George H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,919,717; July 25.
- Fuehrer, George H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Water valve. 1,941,205; Dec. 26.
- Fuel Oil Carburetion Co. (See Garibaldi, Giuseppe, assignor.)
- Fuel Oil Carburetion Co., Inc. (See Garibaldi, Giuseppe, assignor.)
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 1,939,210; Dec. 12.
- Fuerst, Edwin W. (See Straub, W. F., and Fuerst.)
- Fuerst, Edwin W., Toledo, Ohio. Bottle. Des. 90,069; June 6.
- Fuerst, Edwin W., Toledo, Ohio. Combined container and closure therefor. Des. 90,943; Oct. 31.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 89,237; Feb. 7.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 89,300; Feb. 21.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug. Des. 89,301; Feb. 21.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. Des. 89,885; May 16.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. Des. 90,023; May 30.
- Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. Des. 91,063; Nov. 21.
- Fuerst, Edwin W., Toledo, Ohio, assignor to Wizard, Inc., Chicago, Ill. Bottle. Des. 90,650; Sept. 12.
- Fuess, Billings S., West Orange, N. J., and J. T. Sibley, New Dorp, Staten Island, N. Y. Thermostatic controlled mixing valve. 1,939,970; Dec. 19.
- Fuess, James T. (See Staud, C. J., and Fuess.)
- Fugere, Alderic, et al. (See Dufault, Homer D., assignor.)
- Fugere, Euclide, et al. (See Dufault, Homer D., assignor.)
- Fugman, Fred M., Fresno, Calif. Revolving sign. 1,928,449; Sept. 26.
- Fuhs, Francis P. (See Schiorring, H. W., and Fuhs.)
- Fujii, Tokutaro, Azabu Ku, Tokyo, assignor to Eijiro Yamamoto, Tokyo, Japan. Felt rubber roller. 1,903,038; Mar. 28.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. Des. 90,024; May 30.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Combined base and bowl stand for a coffee maker. Des. 90,025; May 30.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee pitcher. Des. 90,026; May 30.
- Fukal, Alfred F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Top bowl for a coffee maker. Des. 90,027; May 30.
- Fukui, Matsuo. (See Miyaguchi, T., and Fukui.)
- Fukushima, Komao, Tokyo, Japan, assignor to General Electric Company. Protection of alternating current electric systems. 1,914,327; June 13.
- Fulcher, Charles N., San Francisco, Calif. Mechanism to control relative rotation. 1,926,333; Sept. 12.
- Fuld, Heinrich. (See Nagel, Konrad, assignor.)
- Fulford Mfg. Co. (See Kluger, Herman, assignor.)
- Fuji, Shozo, and T. Fukuda, Utsunomiya-Shi, Japan. Imitation rubber and manufacturing the same. 1,938,015; Dec. 5.
- Fulcher, Mary Baker. (See Devine, James J., assignor.)
- Fuld, H. & Co. Telefon- und Telegraphenwerke Aktien-gesellschaft. (See Merk, Friedrich, assignor.)
- Fulk, George L., Mentor, assignor to The Overfold Company, Chardon, Ohio. Sales book printing machine. 1,925,586; Sept. 5.
- Fulle, Charles A., jr., Montclair, N. J. Bottle. Des. 89,257; Feb. 14.
- Fuller, Arthur D., New Rochelle, N. Y., assignor to National Adhesives Corporation, New York, N. Y. Manufacture of dextrine from corn starch. 1,937,752; Dec. 5.
- Fuller, Bert F., Burlingame, Calif., assignor to Westinghouse Electric & Manufacturing Company. Theater switch panel. 1,901,640; Mar. 14.
- Fuller Brush Company, The. (See Cave, Henry, assignor.)
- Fuller, Calvin S. (See Bond, D. S., Fuller, and Erickson.)
- Fuller, Charles E. (See Shoop, Fred M., assignor.)
- Fuller, Charles M., and A. C. Denison, Visalia, assignors to Chas. M. Fuller Corporation Ltd., Stockton, Calif. Elevating power shovel. 1,892,881; Jan. 3.
- Fuller, Chas. M., Corporation Ltd. (See Fuller, C. M., and Denison, assignors.)
- Fuller, Chauncey P. (See Olsson, N. A., and Fuller.)
- Fuller, Clarence N. (See Cherry, L. A., Fuller, and Lane.)
- Fuller, Clarence N., Tonawanda, assignor to H. W. Hilliard Co., Buffalo, N. Y. Machine for affixing opening threads to envelopes. 1,899,267; Feb. 28.
- Fuller Company. (See Hornbrook, Philip R., assignor.)
- Fuller Company. (See Kinyon, Alonzo G., assignor.)
- Fuller Company. (See Morrow, Joseph H., assignor.)
- Fuller Company. (See Pfeiffer, César, assignor.)
- Fuller, Emil E., assignor to Shambow Shuttle Company, Woonsocket, R. I. Shuttle. 1,909,262; May 16.
- Fuller, Emil E., assignor to Shambow Shuttle Company, Woonsocket, R. I. Shuttle. 1,930,795; Oct. 17.
- Fuller, Frank W., St. Paul, Minn. Radiator banger. 1,896,299; Feb. 7.
- Fuller, Frederic B. (See Fischer, H. O., and Fuller.)
- Fuller, Frederic B. (See Smith, E. L., and Fuller.)
- Fuller, Frederic B., assignor to Package Machinery Company, Springfield, Mass. Method and apparatus for registering printed webs of paper. 1,898,723; Feb. 21.
- Fuller, Frederick L., Ikon, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,898,045; Feb. 21.

- Fuller, Frederick L., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,920,464; Aug. 1.
- Fuller, Frederick L., Ilion, N. Y., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,930,237; Oct. 10.
- Fuller, Frederick L., West Orange, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,901,093; Mar. 14.
- Fuller, Frederick L., West Orange, N. J., assignor to Dayton Scale Company, Dayton, Ohio. Computing scale. 1,902,066; Mar. 21.
- Fuller, Frederick L., West Orange, N. J., assignor to International Time Recording Company, New York, N. Y. Time recorder. 1,902,067; Mar. 21.
- Fuller, Frederick P., Yonkers, N. Y. Collector ring brush. 1,895,756; Jan. 31.
- Fuller, George P., assignor to The Gates Rubber Company, Denver, Colo. Valve stem assembling machine. 1,935,441; Nov. 14.
- Fuller, Homer H., and E. M. Jones, Atlanta, Ga.; said Jones assignor, to said Fuller. Match dispensing apparatus. 1,916,974; July 4.
- Fuller, Ira K., Olean, N. Y., assignor, by mesne assignments, to Contact Filtration Company. Decolorizing oils. 1,904,682; Apr. 18.
- Fuller, James W., Catasauqua, Pa., assignor, by mesne assignments, to Fuller Lehigh Company. Burning fuel. 1,904,128; Apr. 18.
- Fuller, John S., Tulsa, Okla. Low pressure gas burner. 1,935,705; Nov. 21.
- Fuller, Judson E., River Forest, assignor of one-half to F. D. Utley, Detroit, Mich. Whist table. 1,909,340; May 16.
- Fuller Lehigh Company. (See Bailey, Ervin G., assignor.)
- Fuller Lehigh Company. (See Bailey, E. G., and Hardgrove, assignors.)
- Fuller Lehigh Company. (See Bailey, E. G., and Shellenberger, assignors.)
- Fuller Lehigh Company. (See Black, John E., assignor.)
- Fuller Lehigh Company. (See Butler, Henry W., assignor.)
- Fuller Lehigh Company. (See Chapman, Edwin, assignor.)
- Fuller Lehigh Company. (See Ely, Frederic G., assignor.)
- Fuller Lehigh Company. (See Fuller, James W., assignor.)
- Fuller Lehigh Company. (See Gaffney, Joseph B., assignor.)
- Fuller Lehigh Company. (See Harter, Isaac, assignor.)
- Fuller Lehigh Company. (See Jacobus, David S., assignor.)
- Fuller Lehigh Company. (See Jacobus, D. S., and Kerr, assignors.)
- Fuller Lehigh Company. (See Jones, William A., assignor.)
- Fuller Lehigh Company. (See Kearns, Michael I., assignor.)
- Fuller Lehigh Company. (See Kerr, Howard J., assignor.)
- Fuller Lehigh Company. (See Lucke, Charles E., assignor.)
- Fuller Lehigh Company. (See Maxwell, C. A., Abell, and Sawyer, assignors.)
- Fuller Lehigh Company. (See Mayo, Dana H., assignor.)
- Fuller Lehigh Company. (See Mayo, Dana H. N., assignor.)
- Fuller, Leonard, Grand Rapids, and K. F. Schmidt, Ada, Mich. Radiocabinet. 1,923,818; Aug. 22.
- Fuller, Louis E., New York, N. Y. Stencil sheet and forming the same. 1,935,875; Nov. 21.
- Fuller, Rufus W., Deerfield, assignor to Production Machine Company, Greenfield, Mass. Centerless grinding or polishing machine. 1,900,984; Mar. 14.
- Fuller & Sons Manufacturing Co. (See Bixby, Leo A., assignor.)
- Fuller, Truman S., Niskayuna, and Le R. L. Wyman, Schenectady, N. Y., assignors to General Electric Company. Stopping material. 1,923,719; Aug. 22.
- Fullerton, Dwight L., Cleveland Heights, Ohio. Antidrip coaster. 1,925,241; Sept. 5.
- Fullerton, George A., Clarendon, Pa. Power take-off for motor vehicles. 1,900,415; Mar. 7.
- Fullerton, James B., and C. F. Rossetter, Los Angeles, Calif., assignors, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc. Brake testing machine. 1,918,026; July 11.
- Fullhart, Joel, Fort Worth, Tex. Hoisting device. 1,929,488; Oct. 10.
- Fullinwider, Percy R., et al. (See Hadley, C. S., and Fischer, assignors.)
- Fullips, George A., Detroit, Mich. Valve grinding machine. 1,906,745; May 2.
- Fullman, James M. G. (See Sharp, A., and Fullman.)
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation, New York, N. Y. Plug for underfloor conduit systems. 1,898,087; Feb. 21.
- Fullman, James M. G., Sewickley, and J. Strama, Ambridge, Pa., assignors to National Electric Products Corporation, New York, N. Y. Method and machine for making insulated bushings. 1,912,186; May 30.
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation, New York, N. Y. Terminal device with cord fastener. 1,929,920; Oct. 10.
- Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation, New York, N. Y. Box for electrical wiring systems. 1,934,300; Nov. 7.
- Fullmer, Giles C. (See Ferris, I. L., and Fullmer.)
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Pick-up candle light. 1,901,589; Mar. 14.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Holder for cosmetics and the like. 1,904,864; Apr. 18.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Sealed powder container. 1,912,187; May 30.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Razor blade box. 1,918,027; July 11.
- Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Vanity box. 1,925,316; Sept. 5.
- Full-Tone Process Company. (See Ernst, Victor C., assignor.)
- Fulton, Alfred C., assignor to The Aetna Rubber Company, Ashtabula, Ohio. Papier-mâché article. 1,920,372; Aug. 1.
- Fulton Bag & Cotton Mills, et al. (See Hancock, R. J., and Garrison, assignors.)
- Fulton Company, The. (See Thorp, Joel R., assignor.)
- Fulton Iron Works Company. (See Kopke, E. W., and Struebig, assignors.)
- Fulton, James S., Shields, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sand blast nozzle. 1,905,698; Apr. 25.
- Fulton, Nell, New York, N. Y. Wave holder. 1,913,073; June 6.
- Fulton, Otho, Sundridge Park, Bromley, England. Electrical transmission of pictures. 1,897,796; Feb. 14.
- Fulton, Otho, Bromley, England. Apparatus for picture transmission or the like. 1,902,552; Mar. 21.
- Fulton, Paul D., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Liquid dispensing can. Re18,891; July 11.
- Fulton, Paul D., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Liquid dispensing can. 1,901,504; Mar. 14.
- Fulton, Rolland S., assignor to National Time & Signal Corporation, Detroit, Mich. Telephone circuit and transformer therefor. 1,911,948; May 30.
- Fulton, Stephen M., Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile machinery. 1,935,242; Nov. 14.
- Fulton, Stephen M., Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile operation. 1,935,243; Nov. 14.
- Fulton, Stewart C., Elizabeth, and V. Kalichevsky, Woodbury, N. J., assignors to Standard Oil Development Company. Preparation of high grade synthetic asphalts. 1,926,523; Sept. 12.
- Fulton Sylphon Company, The. (See Carson, William W., jr., assignor.)
- Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
- Fulton Sylphon Company, The. (See Reeder, Frank C., assignor.)
- Fulton, Theodore R., Seattle, Wash. Binnacle light. 1,908,971; May 16.
- Fulton, Thomas J., Fresno, assignor to Food Machinery Corporation, San Jose, Calif. Atomizer. 1,901,806; Mar. 14.
- Ful-Vue Sales Company, The. (See Pappert, Emanuel, assignor.)
- Fumarol, John A., Omaha, Nebr. Grave marker. Des. 88,953; Jan. 10.
- Fumarol, John A., Omaha, Nebr. Grave marker. Des. 90,617; Sept. 5.
- Funcke, Julius C., Elizabethton, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Desulphurization. 1,911,563; May 30.
- Funcke, Julius C., Elizabethton, and R. Ellsner, Johnson City, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Washing of filaments. 1,907,101; May 2.
- Funcke, Karl, Ottweiler, Germany. Perforating device for printing presses. 1,893,053; Jan. 3.
- Funditor Limited. (See Hartmann, Carl W., assignor.)
- Fundom, Earl H., Kenton, assignor, by mesne assignments, to The Marion Steam Shovel Company, Marion, Ohio. Clutch mechanism. 1,925,728; Sept. 5.
- Funk, Charles J., assignor to Soreng-Manegold Company, Chicago, Ill. Water softener casing. Des. 89,335; Feb. 28.
- Funk, Charles J., assignor to Permo Products Corporation, Chicago, Ill. Needle. 1,914,658; June 20.
- Funk, Forest J. (See Izsak, A., and Funk.)
- Funk, George W., Elgin, Ill. Hot dish pad or similar article. Des. 89,128; Jan. 31.
- Funk, Richard W. (See Jones, F. C., and Funk.)
- Funk, Rufus B., Washington, D. C. Engine mounting. 1,912,269; May 30.
- Funk, Rufus B., Washington, D. C. Insulating means. 1,912,270; May 30.
- Funke, Rudolf. (See Salzmann, W., and Funke.)
- Funston, Frederick D. (See Aseltine, F. E., Teeter, Kindl, and Funston.)
- Funston, Frederick D., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,918,530; July 18.
- Furan, Lars L., assignor to W. J. Furan, Thief River Falls, Minn. Turning signal. 1,896,578; Feb. 7.

- Furan, Willard J. (See Furan, Lars L., assignor.)
- Furbush, Frank L., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Drier. 1,919,057; July 18.
- Furedi, Stephen, New York, N. Y. Perpetual calendar. 1,905,846; Apr. 25.
- Furedy, Frank, Penn-Wynne, assignor of one-half to G. M. Hessdofer, Philadelphia, Pa. Adjustable writing implement. 1,918,464; July 18.
- Furgason, Claude E. (See Thomas, H. T., Furgason, and Hays.)
- Furgason, Claude E., Lansing, Mich. Hydraulic brake. 1,919,465; July 25.
- Furgason, Claude E., assignor to Reo Motor Car Company, Lansing, Mich. Brake and clutch lever. 1,893,544; Jan. 10.
- Furino, Antonio, Brooklyn, N. Y. Combination lock. 1,924,987; Aug. 29.
- Furino, Antonio, Brooklyn, assignor to Furino Submarine Salvage Corporation, New York, N. Y. Submarine salvage device. 1,912,271; May 30.
- Furino Submarine Salvage Corporation. (See Furino, Antonio, assignor.)
- Furlong, Francis A., assignor to Republic Flow Meters Company, Chicago, Ill. Flow meter. 1,923,260; Aug. 22.
- Furlong, Roland A. (See Yawman, Frederick G., assignor.)
- Furlong, Roland A., Rochester, N. Y. Loose leaf holder. 1,913,050; June 6.
- Furlong, Roland A., assignor to The Yawman & Erbe Manufacturing Company, Rochester, N. Y. Visible index. 1,916,209; July 4.
- Furlong, Roland A., assignor to The Yawman & Erbe Manufacturing Company, Rochester, N. Y. Visible index. 1,916,210; July 4.
- Furman, George, assignor to The Beardsley & Piper Company, Chicago, Ill. Sand mulling apparatus for foundries. 1,929,777; Oct. 10.
- Furnace Engineering Company. (See Coutant, Jay G., assignor.)
- Furnas, Clifford C., Minneapolis, Minn. Controlling the temperature gradient up the shaft of a furnace. 1,917,642; July 11.
- Furnas, William C., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Reversing drive. 1,914,688; June 20.
- Furness, Alma B. (See Nigeradse, Vladimir, assignor.)
- Furness Corporation. (See Furness, William H., assignor.)
- Furness, William H., National Park, N. J. Rayon manufacture. 1,917,515; July 11.
- Furness, William H., National Park, N. J., assignor, by mesne assignments, to Furness Corporation, Philadelphia, Pa. Silk manufacture. 1,901,590; Mar. 14.
- Furniss, Ira C., Columbus, Ohio. Auto icer. 1,926,767; Sept. 12.
- Furrer, Emery C., Chicago, Ill., assignor, by mesne assignments, to The Teleregister Corporation, New York, N. Y. Device for indicating market. Re18,746; Feb. 21.
- Furrer, Rudolph, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Power press. 1,940,250; Dec. 19.
- Furrer, Samuel S., assignor to Brenneis Manufacturing Company, Oxnard, Calif. Rotary harrow. 1,907,946; May 9.
- Furthey, John E., Detroit, Mich. Battery. 1,903,448; Apr. 11.
- Furtsch, Amson, New York, N. Y. Buckle or similar article. Des. 89,952; May 23.
- Furukawa Denkiogyo Kabushiki Kaisha. (See Okazaki, Naotaro, assignor.)
- Furyya, Rikisaburo, Tokyo Fu, Japan. Device for effecting warp stop motion. 1,916,046; June 27.
- Fusai, Antonio, assignor of one-half to F. S. Reale, Los Angeles, Calif. Combination vocal piano. 1,922,239; Aug. 15.
- Fuschi, Giovanni, Castelli-Teramo, and M. Korach, Bologna, Italy. Proceeding for burning in piles the articles of nonglazed porcelain especially suitable for cooling use. 1,917,964; July 11.
- Fusco, Rudolph V., Brooklyn N. Y. Service water heater. 1,894,987; Jan. 24.
- "Fusion-Moteurs". (See Bernard, Auguste L. R., assignor.)
- Fusoid Electric Co. (See Grady, Stephen S., assignor.)
- Effe, John, Vancouver, British Columbia, Canada. Hose shut-off and clamp. 1,914,851; June 20.
- Fyke, Mitchell L. (See Lehman, W., and Fykes.)
- Fyke, Mitchell L., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Back digging shovel. 1,906,746; May 2.
- Fyke, Mitchell L., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Fairlead for excavators. 1,929,417; Oct. 10.
- Fyke, Mitchell L., South Milwaukee, and H. E. Bauer, Milwaukee, Wis. Creeping traction. 1,929,416; Oct. 10.
- Fyke, Mitchell L., South Milwaukee, and H. E. Bauer, Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Creeping traction. 1,939,684; Dec. 19.
- Fyrac Manufacturing Co. (See Aldeen, Gedor W., assignor.)
- Fyr-Fyter Company, The. (See D'Olive, Charles R., assignor.)
- Fyr-Fyter Company, The. (See Iddings, Roscoe C., assignor.)
- Fyr-Fyter Company, The. (See Thomas, C. A., and Hochwalt, assignors.)
- G & G Atlas Systems, Inc. (See Stoetzel, Joseph J., assignor.)
- G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
- G-M Laboratories, Inc. (See Wells, James G., assignor.)
- G. & W. Electric Specialty Co. (See Rah, Joseph.)
- G. Z. M. Patentverwertung Aktiengesellschaft. (See Chiger, Siegmund, assignor.)
- Gaa, Carl W., Canton, Ohio. Dustproof ash container. 1,937,337; Nov. 28.
- Gaa-Kommanditgesellschaft. (See Gaa, Walter, assignor.)
- Gaa, Walter, assignor to Gaa-Kommanditgesellschaft, Bielefeld, Germany. Starched turn-down collar. 1,910,602; May 23.
- Gabb, Archibald H., Fishponds, Bristol, assignor to The Tan-Sad Chair Company (1931) Limited, Birmingham, England. Backrest or support for a seat or the like. 1,927,491; Sept. 19.
- Gabb, Archibald H., Fishponds, Bristol, assignor to The Tan-Sad Chair Company (1931) Limited, Birmingham, England. Adjustable backrest or support for a seat. 1,932,618; Oct. 31.
- Gabbard, Thomas A. (See Busby, Junius E., assignor.)
- Gabbetis, John J., Crossfield, Alberta, Canada. Automatic fire extinguisher for aeroplanes. 1,925,242; Sept. 5.
- Gabel, Herman W., San Francisco, Calif. Cornice for window curtains. 1,929,140; Oct. 3.
- Gabel, Konrad, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sodium cyanide. 1,923,570; Aug. 22.
- Gabel, William J., and J. S. Bretz, Great Falls, Mont.; said Gabel assignor of five per cent to said Bretz. Valve. 1,894,859; Jan. 17.
- Gable, C. P., et al. (See Butterworth, Samuel D., assignor.)
- Gable, Charles E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake drum and apron. 1,923,432; Aug. 22.
- Gabler, Frank M., Monument, Oreg. Air pressure pump. 1,915,728; June 27.
- Gabor, Francis. (See Klein, P., Gabor, and Kaunitz.)
- Gabor, Francis, E. Csutorás, and G. László, Budapest, Hungary, assignors to Anode Rubber Company Limited. Adhesion of rubber coatings to aluminum. 1,926,524; Sept. 12.
- Gabosen, John, Chicago, Ill., assignor to The Kendall Company, Boston, Mass. Adhesive tape. 1,901,094; Mar. 14.
- Gabriel, Charles R., Brooklyn, assignor to E. W. Bliss Company, New York, N. Y. Blank-threading machine. 1,914,085; June 13.
- Gabriel Company, The. (See Beecher, Eugene L., assignor.)
- Gabriel Company, The. (See Benjamin, David, assignor.)
- Gabriel, John C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical resistance. 1,918,259; July 18.
- Gabriel, John S. (See Herzinger, R. L., and Gabriel.)
- Gabriel Kari-Keen Company, The. (See Wilson, William W., assignor.)
- Gabriel, Leonard G., London, England, assignor, by mesne assignments, to Colas Roads, Inc., Boston, Mass. Bituminous emission. 1,894,617; Jan. 17.
- Gabriel Steel Company. (See Wall, Frank E., assignor.)
- Gabriel Steel Company. (See Zabriskie, William F., assignor.)
- Gabriel, Wilhelm, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Cable for communication circuits. 1,899,501; Feb. 28.
- Gabrielson, Carl, assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 1,924,119; Aug. 29.
- Gabrielson, Carl, assignor to L C Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 1,933,550; Nov. 7.
- Gachet, Ernest J. (See Patterson, W. G., and Gachet.)
- Gackenbach, Edward N., Jenkintown, Pa., assignor to American Conduit Corporation, Wilmington, Del. The. 1,899,861; Feb. 28.
- Gadd, Joseph O., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Handle for kitchen utensils or similar articles. Des. 90,978; Nov. 7.
- Gadd, Lorenzo G., Hollister, Calif. Earth working implement. 1,916,833; July 4.
- Gade, Harcourt F. (See Ranney, L., and Gade.)
- Gadeau, Robert A., St. Jean de Maurienne, assignor to Compagnie de Produits Chimiques et Electro-Metallurgiques Alais Froges et Camarque, Paris, France. Preparation of oxide of beryllium. 1,925,920; Sept. 5.
- Gadke, William, Philadelphia, Pa. Clip for attaching electric lights to Christmas trees. 1,895,656; Jan. 31.
- Gaede, John E., and E. M. Sargent; said Gaede assignor of one-eighth to Linda R. Janzen, Newton, Kans. Fishline bobber. 1,917,707; July 11.
- Gaeke, Harry F. (See Sburino, P., and Gaeke.)
- Gaertig, John J., Chicago, Ill. Adjustable loose leaf binder. 1,911,358; May 30.
- Gaertner, William, Chicago, Ill. Precision instrument. 1,899,192; Feb. 28.

- Gaffney, John J., assignor to National Folding Box Company, New Haven, Conn. Display carton. 1,911,995; May 30.
- Gaffney, Joseph B., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Separator. 1,905,458; Apr. 25.
- Gage, Arthur G., Los Angeles, Calif. Single valve well pump. 1,907,948; May 9.
- Gage, Arthur G., Los Angeles, Calif. Well pump valve head. 1,907,950; May 9.
- Gage, Arthur G., Los Angeles, Calif. Valve mechanism for fluid pressure operated well pumps. 1,907,951; May 9.
- Gage, Arthur G., Los Angeles, Calif. Fluid pressure operated well pump. 1,907,952; May 9.
- Gage, Arthur G., Los Angeles, Calif. Well pump. 1,907,953; May 9.
- Gage, Arthur G., Los Angeles, Calif. Valve actuating device. 1,933,848; Nov. 7.
- Gage, Arthur G., assignor to Alta Vista Hydraulic Co., Ltd., Los Angeles, Calif. Oil well pump. 1,907,947; May 9.
- Gage, Arthur G., assignor, by mesne assignments, to Alta Vista Hydraulic Company, Ltd., Los Angeles, Calif. Well pump. 1,907,949; May 9.
- Gage, Charles S., Tarrytown, assignor to Lenthier Incorporated of New York City, New York, N. Y. Lip stick case. Des. 90,154; June 20.
- Gage, Edward G., Brooklyn, N. Y., assignor to Radio Corporation of America. Double electrode. 1,907,781; May 9.
- Gage, Edward G., Brooklyn, N. Y., assignor to Radio Corporation of America. High-current filter. 1,930,165; Oct. 10.
- Gage, Edward G., Brooklyn, N. Y., assignor to Radio Corporation of America. System for supplying current to vacuum tubes. 1,937,753; Dec. 5.
- Gage, Edward G., Brooklyn, assignor of one-half to L. Ottinger and one-half to Electric Industries Manufacturing Company, New York, N. Y. Radiant energy distance determining system. 1,939,685; Dec. 19.
- Gage, Edward G., Brooklyn, assignor of one-half to L. Ottinger and one-half to Electric Industries Manufacturing Company, New York, N. Y. Radiant energy distance determining system. 1,939,686; Dec. 19.
- Gagen, Charles H., Montclair, N. J., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Air cleaner. 1,895,619; Jan. 31.
- Gagen, Charles H., Montclair, N. J., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Air filter. 1,899,028; Feb. 28.
- Gagen, Charles H., Montclair, N. J., assignor to American Air Filter Company, Inc., Louisville, Ky. Self-sealing filter. 1,899,029; Feb. 28.
- Gagen, Thomas H., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Handled box or carton. 1,915,658; June 27.
- Gagg, Rudolph F. (See Waters, H. H., and Gagg.)
- Gaglio, John, Pittsburg, Calif. Self-closing paste tube. 1,918,746; July 18.
- Gaglione, Salvatore. (See Bongiovanni, A., and Zacamy, assignors.)
- Gagné, Arthur L., and J. A. Snyder, San Francisco, Calif., assignors to Intertype Corporation, Brooklyn, N. Y. Linerless mold cap. 1,894,860; Jan. 17.
- Gagné, Augustin. (See Lawson, R. H., and Gagné.)
- Gagnier, George E. (See Place, Bion C., assignor.)
- Gagnier, George E., and B. C. Place, Detroit, Mich. Glare shield for automotive vehicles. 1,908,837; May 16.
- Gagnier, George E., and B. C. Place, Detroit, Mich. Automobile sun and glare shield. 1,940,540; Dec. 19.
- Gagnon, Alphege L., Chicopee, Mass. Smoker's pipe. 1,932,657; Oct. 31.
- Gagnon, Alphege L., Chicopee, assignor of one-half to Earl C. Abbe, Springfield, Mass. Depth gauge. 1,928,528; Sept. 26.
- Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Eye protector. 1,925,588; Sept. 5.
- Gagnon, William J., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Making a tubular pin. 1,909,263; May 16.
- Gagnon, William J., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Capped electrical contact pin. 1,915,185; June 20.
- Gagolin, Boris S., New York, N. Y. Rotating stage mounting. 1,893,167; Jan. 3.
- Gahagan, Andrew, assignor to The Crown Lock Company, New York, N. Y. Locking device. 1,911,564; May 30.
- Gahagan, John M. (See Beglinger, E., and Gahagan.)
- Gabagan, Orren M., Oklahoma City, Okla. Cathode. Re18,789; Apr. 4.
- Gahler, Heinrich, Dresden-Altstadt, Germany. Meter for hot water. 1,916,211; July 4.
- Gaidies, Georg. (See Ewest, H., and Gaidies.)
- Gaidies, Georg. (See Pirani, M., Ewest, and Gaidies.)
- Gaidies, Georg, Berlin-Pankow, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,930,090; Oct. 10.
- Gaidos, Alonzo F., Redwood City, Calif. Practice cartridge. 1,902,771; Mar. 21.
- Gaidos, Alonzo F., Redwood City, Calif. Magazine for rapid fire arms. 1,921,871; Aug. 8.
- Gaidos, Alonzo F., Redwood City, Calif. Refillable shell for firearms. 1,936,905; Nov. 28.
- Gail, John F., Evanston, Ill., assignor to Simmons Company, New York, N. Y. Spring assembling machine. 1,905,459; Apr. 25.
- Gail, John F., Evanston, Ill., assignor to Simmons Company, New York, N. Y. Quilting machine. 1,908,972; May 16.
- Gail, John F., Evanston, Ill., assignor to Simmons Company, New York, N. Y. Mattress edge construction. 1,915,659; June 27.
- Gailus, George, Stillwater, Minn. Potato harvester. 1,895,157; Jan. 24.
- Gaines, Edmund P., Columbia, S. C. Lubrication system for heat generating power plants. 1,929,242; Oct. 3.
- Gaines, Ernest L., Seattle, Wash. Valve regulator. 1,898,248; Feb. 21.
- Gaines, Francis L. (See Fitz Gerald, A. S., and Gaines.)
- Gaines, Frank E., Indianapolis, Ind. Athletic shoe. 1,923,365; Aug. 22.
- Gaines, Harlow D. (See MacLean, G., and Sisson, assignors.)
- Gaines, Huyett H., Los Angeles, Calif. Safety feeding device for wringers. 1,934,183; Nov. 7.
- Gaines, John M., Jr., Cambridge, Mass. Making steel. 1,907,782; May 9.
- Gaines, Walter S., Jr., East Cleveland, assignor to The Reid Products Company, Cleveland, Ohio. Channel. 1,898,948; Feb. 21.
- Gair, Robert, Company, Inc. (See Weiss, Arthur J., assignor.)
- Gaiser, Paul, Sellersville, Pa., assignor to The United States Gauge Company, New York, N. Y. Low pressure diaphragm gauge. 1,924,781; Aug. 29.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Metal aligning device. 1,901,829; Mar. 14.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Blade clip. 1,901,830; Mar. 14.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Metal sharpening machine. 1,902,022; Mar. 21.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,905,699; Apr. 25.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,907,783; May 9.
- Gaisman, Henry J., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,911,996; May 30.
- Gaisman, Henry J., New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Metal strip sharpening machine. 1,914,013; June 13.
- Gaisman, Henry J., New York, and C. Schumacher, Lynnbrook, N. Y., assignors, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Sharpening machine. 1,897,724; Feb. 14.
- Gakle, Wendolyn F., assignor to Kuhlman Electric Company, Bay City, Mich. Transformer and making same. 1,933,140; Oct. 31.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Ventilator. 1,937,952; Dec. 5.
- Galanot, Camille P., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Dump vehicle. 1,907,784; May 9.
- Galanot, Camille P., assignor, by mesne assignments, to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Dump vehicle. 1,909,341; May 16.
- Galanot, Camille P., assignor to The Commercial Shearing & Stamping Co., Youngstown, Ohio. Dumping vehicle. 1,909,342; May 16.
- Galassi, Pasquale, New York, N. Y. Dividing strip for terrazzo and like floors. 1,900,704; Mar. 7.
- Galassi, Pasquale, New York, N. Y. Bimetallic flanged dividing strip. 1,900,705; Mar. 7.
- Galassi, Pasquale, New York, N. Y. Double duty floor dividing strip. 1,908,340; May 9.
- Galassi, Pasquale, New York, N. Y. Reinforced strip for terrazzo floors. 1,910,159; May 23.
- Galassi, Pasquale, New York, N. Y. Flanged divider strip for floors. 1,911,681; May 30.
- Galber, Harry, Lockport, N. Y., assignor, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Art of gluing. 1,898,484; Feb. 21.
- Galbraith, George H., New York, N. Y. Attachment for sewing machines. 1,926,525; Sept. 12.
- Galbraith, Gordon B., Roselle, N. J. Soft collar. 1,921,872; Aug. 8.
- Galbraith, John, Minneapolis, Minn. Carving machine. 1,911,891; May 30.
- Galbreath, Frank R. (See Pearne, F. Y., and McClintock, assignors.)
- Gale, Charles E., Quincy, Mass. Making books. 1,897,839; Feb. 14.
- Gale, Charles W., Salisbury, Md. Barrel rotating apparatus. 1,940,492; Dec. 19.
- Gale, Eiffel B. (See Snelson, S. L., and Gale.)
- Gale, William A. (See Allen, W. H., Gale, and Ritchie.)
- Gale, William A. (See Allen, W. H., Ritchie, and Gale.)
- Gale, William A. (See Ritchie, C. F., Gale, and Allen.)
- Gale, William A., and C. F. Ritchie, assignors to American Potash & Chemical Corporation, Trona, Calif. Double salt and producing same. 1,895,620; Jan. 31.
- Galeener, Ada D. (See Cornelius, Benjamin J., assignor.)

- Galeener, Charles E., Los Angeles, Calif. Window screen construction. 1,917,579; July 11.
- Galemmo, Joseph, Cleveland, Ohio. Mold for making golf tees. 1,928,312; Sept. 26.
- Galer, Robert E., assignor to Minute Electric Broiler, Seattle, Wash., Electric broiler. 1,893,989; Jan. 10.
- Galey, Henry J., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Plate glass polisher. 1,934,797; Nov. 14.
- Galinat, Ransom L. (See Frank, H., and Galinat.)
- Galion Iron Works & Manufacturing Company, The. (See Arndt, Franklin E., assignor.)
- Galion Metallic Vault Co., The. (See Smith, Ralph E., assignor.)
- Galizi, Adriano. (See Galizi, Eugenio.)
- Galizi, Eugenio, deceased, by Maria Galizi, executrix, Brooklyn, assignor of one-half to Adriano Galizi, New York, N. Y. Accordion illuminating means. 1,919,294; July 25.
- Galizi, Maria, executrix. (See Galizi, Eugenio.)
- Gallagher, Arthur D. (See Graham, W. S., and Gallagher.)
- Gallagher, Arthur D. (See Lindgren, A. C., and Gallagher.)
- Gallagher, Edward J., 3d. (See Kauffman, G. C., and Gallagher.)
- Gallagher, Edward J., jr., Baltimore, Md. Windshield heater. 1,894,861; Jan. 17.
- Gallagher, Edward J., jr., Baltimore, Md. Windshield wiper. 1,936,505; Nov. 21.
- Gallagher, James F., Chicago, Ill. Apparatus for spreading hot asphalt. 1,930,809; Oct. 10.
- Gallagher, Miles H., Chicago, Ill. Manicuring device. 1,915,805; June 27.
- Gallagher, Miles H., Chicago, Ill. Manicuring device. 1,915,729; June 27.
- Gallagher, Robert J., Binghamton, N. Y. Control device for liquid dispensing apparatus. 1,917,864; July 11.
- Gallagher, Vincent J., Pelham, assignor to Cox, Nostrand and Gunnison, Brooklyn, N. Y. Shade holder for lighting fixtures. 1,902,023; Mar. 21.
- Gallagher, Walter J., New York, N. Y. Advertising folder. 1,902,121; Mar. 21.
- Gallagher, William R., jr., and W. L. Lloyd, Houtzdale, Pa. Accessory for automobiles. 1,919,326; July 25.
- Gallahan, Leonard A., Rochester, N. Y. Cigarette package. 1,937,222; Nov. 28.
- Galland-Henning Mfg. Co. (See Jacobson, Henry, assignor.)
- Gallaspy, Benjamin E., and W. E. Gallaspy, Fort Worth, Tex. Railway crossing. 1,934,763; Nov. 14.
- Gallaspy, William E. (See Gallaspy, Benjamin E. and W. E.)
- Galle, Ernst. (See Mittasch, A., Stern, and Galle.)
- Galle, Ernst, Ludwigshafen-on-the-Rhine, W. Rosinsky, and G. Hofmann, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of hydrocarbons of high boiling point into those of low boiling point. 1,923,571; Aug. 22.
- Gallerani, Carlo G., Bridgewater, Mass. Submarine safety device. 1,914,248; June 13.
- Galligan, James J., and W. J. Robinson, assignors to Revere Rubber Company, Providence, R. I. Crinkled rubber bathing suit. 1,911,227; May 30.
- Galligan, Joseph W. (See Kinney, Edward A., assignor.)
- Gallimore, Keith F., and R. M. Woytych, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Indicator locating device. 1,916,212; July 4.
- Gallison, Ernest A. (See Whitney, W. E., and Gallison.)
- Galloway, Charles D., Wyndmoor, Pa. Stopped tubular storage battery element. 1,919,883; July 25.
- Galloway, James W., assignor to The B. Greening Wire Co. Limited, Hamilton, Ontario, Canada. Wire screen. 1,907,056; May 2.
- Galloway, Otis W., Minneapolis, Minn. Box car construction. 1,900,548; Mar. 7.
- Galloway, Robert M., assignor to The National Automatic Tool Company, Richmond, Ind. Rotary fluid flow control valve. 1,908,973; May 16.
- Galloway, Robert M., assignor to The National Automatic Tool Company, Richmond, Ind. Regulating valve. 1,926,868; Sept. 12.
- Galloway, Robert M., assignor to The National Automatic Tool Company, Richmond, Ind. Hydraulic power regulating means. 1,926,869; Sept. 12.
- Gallsworthy, Benjamin, Bayonne, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Oxidizing paraffin wax and the product thereof. 1,909,945; May 23.
- Gallsworthy, Benjamin, Bayonne, N. J., assignor to The Texas Company, New York, N. Y. Treating lubricating oils and the products resulting therefrom. 1,932,381; Oct. 24.
- Gallup, David L., assignor to Bendix Brake Company, South Bend Ind. Brake. 1,934,491; Nov. 7.
- Galsion, Henry L. (See Sibson, W. W., and Galsion.)
- Galt, Hugh B. G., Norfolk, Va. Support. 1,916,612; July 4.
- Galt, Rogers H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detector. 1,935,316; Nov. 14.
- Galtieri, Louis, Garfield, N. J. Stair tread. 1,919,629; July 25.
- Galusha, Albert L., Caldwell, N. J. Gas producer. 1,901,807; Mar. 14.
- Galusha, Albert L., Caldwell, N. J. Gas producer and other furnace. 1,926,939; Sept. 12.
- Galvin, Auguste F., Lyon, France. Preparation or size for silk, artificial silk, or other fiber. 1,926,768; Sept. 12.
- Galvin, Dennis C., Des Moines, Iowa. Disk holder for disk sharpeners. 1,894,585; Jan. 17.
- Galyean, Elmer E., Topeka, Kans. Rotary engine. 1,905,847; Apr. 25.
- Gamarra, Christian, Boston, Mass. Treating gypsum and resulting product. 1,912,701; June 6.
- Gamarra, Christian, Boston, Mass. Making aerated gypsum and resulting products. 1,912,702; June 6.
- Gamble, Charles B., Minneapolis, Minn. Game apparatus. 1,923,720; Aug. 22.
- Gamble, David E., assignor to The Borg & Beck Company, Chicago, Ill. Driven plate for friction clutches. 1,912,703; June 6.
- Gamble, David E., assignor to The Borg & Beck Company, Chicago, Ill. Bearing for clutch releases. 1,937,112; Nov. 28.
- Gamble, Ralph H., Moorestown, N. J., and W. J. Crowell, jr., Wyncote, assignors to Pullenlite Company, Philadelphia, Pa. Match packaging machine. 1,893,201; Jan. 3.
- Game, Karl P., assignor to Sears, Roebuck and Co., Chicago, Ill. Shoe and making the same. 1,922,430; Aug. 15.
- Gamer, Charles, Fort Worth, Tex. Pump. 1,928,885; Oct. 3.
- Gamewell Company, The. (See Beach, C. E., and Weld, assignors.)
- Gamichon, Paul, Paris, France. Converting into soluble salts lead and other metals contained in lead bearing ores. 1,905,460; Apr. 25.
- Gammeter, John R., Akron, Ohio. Pipe coupling. 1,898,623; Feb. 21.
- Gammeter, John R., Akron, Ohio. Apparatus for making dipped rubber goods. 1,938,420; Dec. 5.
- Gammeter, John R., assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 1,892,942; Jan. 3.
- Gammeter, John R., Akron, Ohio, assignor to International Latex Corporation, Rochester, N. Y. Driving belt and making same. 1,915,660; June 27.
- Ganary, Ralph T., Bridgeton, N. J., assignor of one-half to E. B. Neill and A. Neill, Fox Chase, Pa. Griddle iron. Des. 90,364; July 25.
- Ganary, Ralph T., Westmont, N. J. Griddle iron. Des. 91,189; Dec. 19.
- Gander, Joseph B., assignor to St. Louis Bank Building & Equipment Company, St. Louis, Mo. Combined voice panel and gun port. 1,928,013; Sept. 26.
- Gandola, Basil M., Los Angeles, Calif. Detachable spout for containers. 1,911,076; May 23.
- Gang, Harry W., Huntington, W. Va. Gasoline tank and ignition locking device. 1,918,093; July 11.
- Gangler, Paul, Esslingen, assignor to Firm Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Combined machine for making, filling, and closing bags. 1,904,131; Apr. 18.
- Gangler, Paul, Esslingen, assignor to Firm Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Self-locking device for adjusting apparatus in packing machines. 1,911,821; May 30.
- Gangler, Paul, Esslingen, assignor to Fr. Hesser Maschinenfabrik-Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Device for feeding individual razor blades to the feeding means of a wrapping machine. 1,928,098; Sept. 26.
- Gangler, Paul, Esslingen, assignor to the Firm of Fr. Hesser, Maschinenfabrik-Aktiengesellschaft Stuttgart-Cannstatt, Germany. Device for opening flat bags. 1,937,015; Nov. 28.
- Gann, George L., St. Louis, Mo. Electrical fluid tester. 1,912,188; May 30.
- Gann, John A. (See Barstow, E. O., and Gann.)
- Gann, John A. (See Barstow, E. O., Gann, and Hoy.)
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Casting readily oxidizable metal. 1,917,759; July 11.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 1,918,260; July 18.
- Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Casting freely oxidizable metal. 1,919,939; July 25.
- Gann, John A., and L. B. Grant, assignors to The Dow Chemical Company, Midland, Mich. Heat treating magnesium base alloys. 1,936,550; Nov. 21.
- Gann, John A., and J. B. Reid, assignors to The Dow Chemical Company, Midland, Mich. Casting magnesium and alloys thereof. 1,896,045; Jan. 31.
- Gann, John A., J. B. Reid, and H. A. Reimers, assignors to The Dow Chemical Company, Midland, Mich. Method for casting readily oxidizable metals such as magnesium and alloys thereof. 1,898,437; Feb. 21.
- Gann, John A., and F. L. Reynolds, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloys. 1,910,431; May 23.
- Gann, John A., and J. B. Reid, assignors to The Dow Chemical Company, Midland, Mich. Magnesium base alloys. 1,910,432; May 23.

Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Alternating current amplifier. 1,893,545; Jan. 10.

Gannett, Homer E., Berwyn, Ill. Bronze or brass treatment and application. 1,929,739; Oct. 10.

Gannon, James E., assignor to American Electric Heating Company, Erie, Pa. Electric heating control system. 1,933,901; Nov. 7.

Gannon, James E. and J. M. Winter, assignors to American Electric Heating Company, Erie, Pa. Electric radiator. 1,892,882; Jan. 3.

Gans, John, Grymes Hill, Staten Island, assignor to Columbia Appliance Corporation, New York, N. Y. Apparatus for dry cleaning. 1,939,971; Dec. 19.

Gantner & Mattern Company. (See Gantner, Vallejo, assignor.)

Gantner, Vallejo, assignor to Gantner & Mattern Company, San Francisco, Calif. Sweater. Des. 88,954; Jan. 10.

Gantz, Moses F., Yonkers, N. Y. Shoe vamp. Des. 90,618; Sept. 5.

Gantz, Moses F., Yonkers, N. Y. Shoe vamp. Des. 90,758; Sept. 26.

Gantz, Moses F., Yonkers, N. Y. Embroidered fabric scarf or similar article. Des. 91,109; Nov. 28.

Garancher, Marcel. (See Rockwell, E. A., and Garancher.)

Garand, John C., Springfield, Mass. Gun sight. 1,929,418; Oct. 10.

Garbarini, André, Courbevoie, France, assignor, by mesne assignments, to Libbey Cataphote Corporation, Toledo, Ohio. Autocollimating reflector. 1,906,373; May 2.

Garbarini, André, Courbevoie, France, assignor, by mesne assignments, to Libbey Cataphote Corporation, Toledo, Ohio. Holder for autocollimators. 1,909,463; May 16.

Garbarini, André, Courbevoie, France, assignor, by mesne assignments, to Libbey Cataphote Corporation, Toledo, Ohio. Autocollimating device. 1,930,969; Oct. 17.

Garbarini, André, Courbevoie, France, assignor, by mesne assignments, to Libbey Cataphote Corporation, Toledo, Ohio. Holder for autocollimators. 1,933,552; Nov. 7.

Garbarini, André, Courbevoie, France, assignor, by mesne assignments, to Libbey-Cataphote Corporation, Toledo, Ohio. Autocollimating reflector. 1,934,492; Nov. 7.

Garbe, Ernst A., Berlin-Lichterfelde, Germany. Disinfecting medium and manufacturing the same. 1,893,770; Jan. 10.

Garbe, Herman, Glogau, Germany. Water tube boiler. 1,894,988; Jan. 24.

Garbell, Max, Chicago, Ill. Toy gun. 1,893,701; Jan. 10.

Garber, Harry D., Cuyahoga Falls, assignor to The Van Dorn Iron Works Company, Cleveland, Ohio. Opposed door jail construction. 1,908,234; May 9.

Garber, Samuel E., Bridgewater, Va. Sharpening attachment for lawn mowers. 1,911,892; May 30.

Garbsch, Paul. (See Ebert, G., Fries, and Garbsch.)

Garbutt, Frank E., H. G. Cunningham, and T. M. Ingman, Los Angeles, Calif. High speed universal head for milling machines. 1,930,796; Oct. 17.

Garcia, John A., and S. M. Cassidy; said Garcia assignor to said Cassidy, Chicago, Ill. Conveyor apparatus for loading cars. 1,920,500; Aug. 1.

Garcia, Serafin, Brooklyn, N. Y. Removable safety bottle cover. 1,937,271; Nov. 28.

Gard, Clare D., assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for absorption of constituents from gases and vaporous mixtures. 1,898,579; Feb. 21.

Gard, Clare D., assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for distillation of hydrocarbons. 1,924,602; Aug. 29.

Gard, Clare D., assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for rectification of hydrocarbons. 1,930,166; Oct. 10.

Gard, Earle W., Palos Verdes Estates, and P. Subkow, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for producing asphalt. 1,911,114; May 23.

Gard, Earle W., Los Angeles, B. G. Aldridge, Long Beach, and P. Subkow, assignors to Union Oil Company of California, Los Angeles, Calif. Vapor phase cracking of oil. 1,914,914; June 20.

Garda, Enrico. (See Trinchero, Ferrucci, assignor.)

Garden Insecticide Corporation. (See Siebert, Harry W., assignor.)

Gardère, Pierre L., Bordeaux, France. Power transmitting belt. 1,915,571; June 27.

Gardiner, Charles W., High Barnet, assignor to Gardiner's Conveyors Limited, London, England. Band conveyer. 1,906,147; Apr. 25.

Gardiner, Herbert W. B., Kenton, and A. B. Jackson, Wembley Hill, assignors to The General Electric Company Limited, London, England. Apparatus for pumping liquid in the treatment of mineral ores. 1,937,338; Nov. 28.

Gardiner, Ivan S., Westport, Conn. Manicure implement. 1,925,140; Sept. 5.

Gardiner, John B. W., New York, N. Y. Method and apparatus for coating pipes. 1,893,937; Jan. 10.

Gardiner, Nell E., Cuyahoga Falls, and G. B. Nichols, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Splicing inner tubes. 1,911,682; May 30.

Gardiner, William T., et al. (See Warner, Edgar T., assignor.)

Gardiner, William T., et al., as trustee. (See Ousdahl, Adolph, assignor.)

Gardiner, William T., et al., trustee. (See Schweickart, William M., assignor.)

Gardiner's Conveyors Limited. (See Gardiner, Charles W., assignor.)

Gardner, Adryl W., Redlands, Calif. Surgical instrument. 1,940,122; Dec. 19.

Gardner, Allen F., Detroit, Mich., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Oil seal. 1,908,137; May 9.

Gardner, Archibald D., assignor to Automotive Fan & Bearing Company, Jackson, Mich. Pump. 1,898,659; Feb. 21.

Gardner, Archibald D., assignor to Automotive Fan & Bearing Company, Jackson, Mich. Pump. 1,914,498; June 20.

Gardner Broom Company. (See Mahoney, John P., assignor.)

Gardner, Clyde, deceased, Ebensburg, Pa., by Edna B. Gardner, administratrix, assignor to Gardner Company, Orange, N. J. Register. 1,913,983; June 13.

Gardner Company. (See Crosman, Loring P., assignor.)

Gardner Company. (See Gardner, Clyde.)

Gardner Company. (See Mixer, Harold P., assignor.)

Gardner, David S. and J. A., assignors of one-sixth to R. Van Brocklin and one-sixth to S. A. Van Brocklin, Memphis, Tenn. Knife. 1,939,687; Dec. 19.

Gardner, David S. and J. D., assignors of one-sixth to R. Van Brocklin and one-sixth to S. A. Van Brocklin, Memphis, Tenn. Surgical knife. 1,939,688; Dec. 19.

Gardner-Denver Company. (See MacFadden, George J., assignor.)

Gardner-Denver Company. (See Pearson, Gustav C., assignor.)

Gardner-Denver Company. (See Stewart, Charles M., assignor.)

Gardner, Edna B., administratrix. (See Gardner, Clyde.)

Gardner, Edward B., assignor to Hanchett Manufacturing Co., Big Rapids, Mich. Rotary grinding machine. 1,909,614; May 16.

Gardner, Frederick P., assignor to Fabricord, Inc., New York, N. Y. Fiber scutching and deseeding machine. 1,941,206; Dec. 26.

Gardner, George, Redlands, Calif. Grading and loading machine. 1,906,258; May 2.

Gardner, George, Redlands, Calif. Power blade control for road graders. 1,919,648; July 25.

Gardner, George D., San Jose, assignor to Gardner Manufacturing Company, Ltd., Sunnyvale, Calif. Drainer apparatus. 1,894,738; Jan. 17.

Gardner, George H., assignor to The Menasha Products Company, Chicago, Ill. Cutter package. 1,894,396; Jan. 17.

Gardner, Henry A., Washington, D. C. Modifying the characteristics of pigments, and product. 1,894,168; Jan. 10.

Gardner, Henry A., Washington, D. C. Delustering. 1,906,148; Apr. 25.

Gardner, Henry A., Washington, D. C. Delustering. 1,906,149; Apr. 25.

Gardner, John E., assignor to Grigsby-Grunow Company, Chicago, Ill. Radio receiving system. 1,897,252; Feb. 14.

Gardner, John J., New York, N. Y. Motor vehicle control system. 1,918,465; July 18.

Gardner, Joseph and J. H. S., assignors to L. Gardner & Sons Limited, Patricroft, near Manchester, England. Governing system for prime movers. 1,925,184; Sept. 5.

Gardner, Joseph A., et al. (See Gardner, David S. and J. A.)

Gardner, Joseph H. S. (See Gardner, J. and J. H. S.)

Gardner, L. & Sons Limited. (See Gardner, J. and J. H. S., assignors.)

Gardner, Leland A., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 1,934,687; Nov. 14.

Gardner Machine Company. (See Jones, Don F., assignor.)

Gardner Manufacturing Company, Ltd. (See Gardner, George D., assignor.)

Gardner, Percy, assignor, by mesne assignments, to Lever Bros. Machine Corporation, New York, N. Y. Attachment for sewing machines. 1,913,878; June 13.

Gardner, Prince A., Jr., St. Louis, Mo. Bill fold. 1,922,619; Aug. 15.

Gardner, Prince A., Jr., St. Louis, Mo. Embossing and printing machine. 1,933,106; Oct. 31.

Gardner, Ralph T., Carnegie Borough, Pa. Holder for washing machines and the like. 1,925,871; Sept. 5.

Gardner-Richardson Company, The. (See Swan, Joseph H., 3d., assignor.)

Gardner, William H., New York, N. Y. Shellac-ester lacquer. 1,910,100; May 23.

Gardner, William H., assignor to United States Shellac Importers' Association, Inc., New York, N. Y. Shellac-pigment composition. 1,918,804; July 18.

Gardner, William H., and C. M. Relton, Seaside, Oreg. Golf practice device. 1,935,291; Nov. 14.

Garfield, James L., Drexel Hill, Pa. Visible card index. 1,923,366; Aug. 22.

Garfield, Lewis E. (See Scott, F. L., and Garfield.)

Garfinkel, Emile, Newark, N. J. Golf bag. 1,924,546; Aug. 29.

Garfinkel, Emile, Newark, N. J. Golf bag. 1,924,547; Aug. 29.

- Garfunkl, Nathaniel, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,866; Jan. 3.
- Garford, Arthur L., Elyria, Ohio. Conduit fitting. 1,895,791; Jan. 31.
- Garfunkel, Louis X., New York, N. Y. Machine for plastic material. 1,911,016; May 23.
- Garfunkel, Louis X., New York, N. Y. Machine for shaping plastic material. 1,911,017; May 23.
- Garfunkel, Nathan J., New York, N. Y. Support. 1,927,635; Sept. 19.
- Gargan, John O., Brooklyn, N. Y., and B. O. Browne, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control device. 1,932,816; Oct. 31.
- Gargano, Frank J. (See Smith, A. K., and Gargano, assignors.)
- Gargolinski, Anthony D., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Let-off for looms. 1,912,520; June 6.
- Gargolinski, Anthony D., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing mechanism. 1,919,295; July 25.
- Garibaldi, Giuseppe, Stamford, Conn., assignor to Fuel Oil Carburition Co., Inc., New York, N. Y. Heavy oil carburetor and preheater. 1,897,033; Feb. 14.
- Garibaldi, Giuseppe, Stamford, Conn., assignor to Fuel Oil Carburition Co., Inc., New York, N. Y. Fuel preheater. 1,898,580; Feb. 21.
- Garity, William E. (See Disney, W. E., Jackson, and Garity.)
- Garity, William E., assignor to R. O. Disney, Los Angeles, Calif. Scoring motion pictures. 1,919,364; July 25.
- Garl, Linnie, executrix. (See Garl, Manious, assignor.)
- Garl, Manious, deceased, Akron, Ohio; L. Garl, executrix, assignor to L. Garl. Combined fire and police alarm system. 1,921,615; Aug. 8.
- Garland, Charles, Bronx, N. Y. Aquatic device. 1,928,418; Sept. 26.
- Garland, John A., Dorchester, assignor of one-half to T. J. Driscoll, Boston, Mass. Toilet brush. 1,939,344; Dec. 12.
- Garland, Mather, assignor to Garland Ventilator Company, Chicago, Ill. Temperature control and ventilating system for vehicles. 1,936,506; Nov. 21.
- Garland Ventilator Company. (See Garland, Mather, assignor.)
- Garlando, Joseph, Mount Kisco, N. Y. Combination golf tee and marker. 1,929,579; Oct. 10.
- Garlick, Ralph, Totowa, assignor to Paul O. Abbe Inc., Little Falls, N. J. Ball and pebble mill. 1,907,785; May 9.
- Garling, Karl E., Newark, N. J. Cut off mechanism. 1,923,261; Aug. 22.
- Garlock Packing Company, The. (See Fox, Edgar Norwood, assignor.)
- Garlock Packing Company, The. (See Giles, Louis E., assignor.)
- Garlock Packing Company, The. (See Hubbard, Cecil R., assignor.)
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electric regulator. 1,893,771; Jan. 10.
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Electrical regulator. 1,893,772; Jan. 10.
- Garman, George W., Scotia, N. Y., assignor to General Electric Company. Regulating system. 1,928,686; Oct. 3.
- Garman, William, New York, N. Y. Collapsible support for tables, chairs, etc. 1,921,026; Aug. 8.
- Garman, William C., Galveston, Tex. Automobile hood valley. 1,913,074; June 6.
- Garms, Peter, New York, and G. L. Diggles, Flushing, assignors to Electrical Testing Laboratories, New York, N. Y. Thermostatic radiation indicator. 1,904,129; Apr. 18.
- Garms, Peter, New York, and G. L. Diggles, Flushing, assignors to Electrical Testing Laboratories, New York, N. Y. Thread testing and recording device. 1,904,130; Apr. 18.
- Garner, Herman H., assignor to Vortex Manufacturing Company, Claremont, Calif. Deflector plate for air filters. 1,897,370; Feb. 14.
- Garner, Herman H., and F. R. Nohave, Claremont, and G. H. Hopkins, Pasadena, assignors to Vortex Manufacturing Company, Claremont, Calif. Cleanable inlet for air cleaners. 1,897,371; Feb. 14.
- Garner, Herman H., and F. R. Nohave, Claremont, and G. H. Hopkins, Pasadena, assignors to Vortex Manufacturing Company, Claremont, Calif. Air cleaner. 1,897,372; Feb. 14.
- Garner, Lloyd P., assignor to Western Television Corp., Chicago, Ill. Scanning apparatus and making same. 1,907,057; May 2.
- Garner, Samuel R., Mercer, Pa. Highway guardrail. 1,905,377; Apr. 25.
- Garnett, Cecil S., Derby, England. Basic refractory brick or other article. 1,912,894; June 6.
- Garnett, Henry J. (See Smith, W. S., Garnett, and Channon.)
- Garnett, Henry J. (See Smith, W. S., Garnett, and Dean.)
- Garnett, Henry J. (See Smith, W. S., Garnett, and Randall.)
- Garnetz, Ida, Waterford, Wis. Curtain rod threader. 1,906,747; May 2.
- Garr, Joseph M., Calumet City, Ill., assignor to Peoples Voting Machine Corporation, Knox, Ind. Voting machine. 1,898,874; Feb. 21.
- Garr, Joseph M., Calumet City, Ill., assignor to Peoples Voting Machine Corporation, Knox, Ind. Voting machine. 1,903,400; Apr. 4.
- Garr, Joseph M., Calumet City, Ill., assignor to Peoples Voting Machine Corporation, Knox, Ind. Voting machine. 1,903,401; Apr. 4.
- Garr, Joseph M., Calumet City, Ill., assignor to Peoples Voting Machine Corporation, Knox, Ind. Voting machine. 1,903,544; Apr. 11.
- Garrard, Charles G., Thorngreen, Thorn, near Dunstable, assignor to Everette Locknuts Limited, London, England. Method of and apparatus for cutting grooves, recesses, and the like. 1,928,529; Sept. 26.
- Garrard, George B. (See Baash, L. F., Burns, and Garrard.)
- Garrard, James G., Grand Rapids, Mich., assignor to Chicago Railway Equipment Company, Chicago, Ill. Foundry ladle. 1,905,634; Apr. 25.
- Garratt, Hector H., assignor to Henry Hope & Sons Limited, Smethwick, England. Operating and securing pivoted windows. 1,932,339; Oct. 24.
- Garret, John E., New Glasgow, Nova Scotia, Canada. Rug hooker. 1,941,346; Dec. 26.
- Garretson, Harry D., New York, N. Y. Switch. 1,941,081; Dec. 26.
- Garretson, Harry D., assignor to H. F. Waite, New York, N. Y. High potential current unidirectional system and method. 1,902,227; Mar. 21.
- Garretson, Harry D., assignor to H. F. Waite, New York, N. Y. Impulse timer. 1,902,228; Mar. 21.
- Garretson, John D., Oakland, Calif. Safety razor. 1,928,886; Oct. 3.
- Garretson, Frank J., Ravenswood, W. Va. Spool table. 1,940,165; Dec. 19.
- Garrett, Alva, et al. (See Liva, James, assignor.)
- Garrett, Alva, assignor of forty per cent to Denver Equipment Company, Denver, Colo., fifty per cent to James Liva, Nevada City, Calif. Ore concentrating machine. 1,910,386; May 23.
- Garrett, Charles H., Dallas, Tex. Traffic signal unit. Des. 90,178; June 20.
- Garrett, Francis A., assignor to Ransomes, Sims & Jeffries, Limited, Ipswich, England. Cardan shaft. 1,900,052; Mar. 7.
- Garrigues, Howard L. (See Williams, H. E., Garegues, and Richardson.)
- Garrison, Anna M., administratrix. (See Garrison, Orlando.)
- Garrison Fire Detecting System, Inc. (See Lindsey, William D., assignor.)
- Garrison, Forrest C., Evanston, assignor to The Oscar C. Rixson Co., Chicago, Ill. Door closer and check. 1,921,314; Aug. 8.
- Garrison, Fred W., assignor to Whitall-Tatum Company, Millville, N. J. Thread cutting attachment and machine. 1,908,974; May 16.
- Garrison, John L. L. (See Hancock, R. J., and Garrison.)
- Garrison, John R., assignor of one-half to R. P. Garrison, Dayton, Ohio. Cooking utensil. 1,936,551; Nov. 21.
- Garrison, Murray E., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electrical process. 1,926,013; Sept. 5.
- Garrison, Orlando, deceased, by Anna M. Garrison, administratrix, Dayton, Ohio, assignor to Pratt & Whitney Company, Hartford, Conn. Gear grinder and the like. 1,909,398; May 16.
- Garrison, Ralph P. (See Garrison, John R., assignor.)
- Garrity, John G., and E. L. McCarthy, Pittsburgh, Pa. Electric automatic recording apparatus. 1,904,783; Apr. 18.
- Garrity, John G., and E. L. McCarthy, Pittsburgh, Pa. Electric automatic recording scale. 1,904,784; Apr. 18.
- Garrott, John C., Houston, Tex. Cooling device for internal combustion engines. 1,896,355; Feb. 7.
- Garrow, James A. (See Goenen, L. E., and Garrow.)
- Garrow, James A., assignor to The Fritz-Cross Company, St. Paul, Minn. Chair. 1,910,760; May 23.
- Garske, Walter, Birmingham, Ala., assignor to Chicago Bridge & Iron Company. Floating roof and tank. 1,932,403; Oct. 31.
- Garson, Thorvald N., New Brighton, Staten Island, N. Y. Tractor crane. 1,909,528; May 16.
- Garst, Arthur H., Providence, R. I. Method and apparatus for forming wire coils. 1,896,670; Feb. 7.
- Garstang, William W., Indianapolis, Ind. Protecting current-interrupter in B battery eliminators. 1,921,461; Aug. 8.
- Gartha, Edward A., Detroit, Mich. Air filter. 1,892,982; Jan. 3.
- Garthwaite, Edwin L. (See Barron, E. T., and Garthwaite.)
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Power operated tool. 1,926,042; Sept. 12.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling device. 1,929,419; Oct. 10.
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling apparatus. 1,929,420; Oct. 10.

- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling mechanism. 1,931,535; Oct. 24.
- Garland, Michael J., Washington, D. C. Jig-saw puzzle holder. 1,904,724; Apr. 18.
- Gartner, Raymond J., assignor of one-third to S. L. Bowlius and one-third to C. F. Frank, Canton, Ohio. Clutch controlled brake lock. 1,940,123; Dec. 19.
- Garton, Joseph G., New York, N. Y. Refreshment wagon. Des. 89,857; May 9.
- Gaston Toy Company. (See Chlosta, Anton, assignor.)
- Garve, Treumund W., Columbus, Ohio. Tunnel drier. 1,897,387; Feb. 14.
- Garvey, Edward S., Clayton, Mo. Fluid dispensing device. 1,932,209; Oct. 24.
- Garvey, James, Los Angeles, Calif. Apparatus for dividing dough. 1,898,175; Feb. 21.
- Garvey, James D., Chicago, Ill. Wheel spoke washer. 1,936,757; Nov. 28.
- Garvin, James E., Batavia, N. Y. Automobile signal. 1,906,568; May 2.
- Garvin, John S., Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 1,901,443; Mar. 14.
- Garweg, August, Wuppertal-Ronsdorf, Germany. Hardening medium and process for hardening tools of iron or steel. 1,893,077; Jan. 3.
- Garwood, Charles B., Linthicum Heights, assignor to Carrollway Glass Company, Baltimore, Md. Method of and apparatus for producing glass containers. 1,926,440; Sept. 12.
- Gary, George E., assignor to Brown & Williamson Tobacco Corp., Louisville, Ky. Display package. 1,920,193; Aug. 1.
- Gary, Wright W. (See Cannon, H. H., and Gard.)
- Gary, Wright W., Los Angeles, Calif. Method and apparatus for proportionally mixing a petroleum oil with a liquid reagent. 1,927,636; Sept. 19.
- Gary, Wright W., assignor of one-half to C. O. Middleton, Beverly Hills, Calif. Treating petroleum. 1,893,138; Jan. 3.
- Gary, Wright W., assignor to C. O. Middleton, Beverly Hills, Calif. Treating petroleum. 1,929,489; Oct. 10.
- Gasacumulator Company. (See Luce, R. W., and Merrill, assignors.)
- Gas Analyzing and Fuel Regulating Corporation. (See Hutchison, Miller R., assignor.)
- Gas Fuel Corporation. (See Russell, Robert H., assignor.)
- Gas Krakker Corporation. (See Rawers, William B., assignor.)
- Gas Light & Coke Company, The. (See Adam, W. G., and Murdoch, assignors.)
- Gas Light & Coke Company, The. (See Griffith, Roland H., assignor.)
- Gas Research Company, The. (See Smith, Harry F., assignor.)
- Gaseltine, Herbert T., Wembley Park, assignor to Ilford Limited, Ilford, Essex, England. Opening devices for boxes or like containers. 1,896,400; Feb. 7.
- Gasifier Company, The. (See Reichhelm, George L., assignor.)
- Gasirowski, Ernst, Berlin-Hermsdorf, Germany, assignor to General Electric Company. High tension switch plant. 1,904,442; Apr. 18.
- Gaskell, Joseph, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for the production of welded wire fabric. 1,925,485; Sept. 5.
- Gaskell, Joseph, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Roller for drawing flat sheet glass. 1,930,999; Oct. 17.
- Gaskill, Alfred T. (See Geiger, W. J., and Gaskill.)
- Gaskill, Kenneth W., Cleveland, Ohio. Gear-shifting mechanism. 1,903,758; Apr. 18.
- Gaskins, Hazel G. (See Gaskins, Thomas F. and H. G.)
- Gaskins, John B., assignor of one-half to A. A. Wiseberg, Atlanta, Ga. Spotting buffer. 1,935,024; Nov. 14.
- Gaskins, Thomas F. and H. G., Fort Wayne, Ind. Vase. Des. 90,979; Nov. 7.
- Gasolaire Corporation, The. (See Curioni, Aldo, assignor.)
- Gasolene Storage Patents (Proprietary) Limited. (See Martyn, J. F., and Leggett, assignors.)
- Gasoline Products Company, Inc. (See Black, John C., assignor.)
- Gasoline Products Company, Inc. (See Cross, Walter M., assignor.)
- Gasoline Products Company. (See Davis, Albert G., assignor.)
- Gaspari, J. & Company. (See Gaspari, Joseph, assignor.)
- Gaspari, Joseph, assignor to J. Gaspari & Company, Inc., New York, N. Y. Frame for eyeglasses of the pince-nez type. 1,935,224; Nov. 14.
- Gass, Melvin E., Colfax, Wash. Grain drill sterilizer-mixing attachment. 1,892,763; Jan. 3.
- Gass, Theodor, Brooklyn, N. Y. Combination stand. Des. 89,038; Jan. 17.
- Gassaway, Herschel A. (See Jones, Dolphus E., assignor.)
- Gassen, Josef, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Cooling means for rolled bars. 1,905,461; Apr. 25.
- Gassen, Josef, assignor to Schloemann Aktiengesellschaft Dusseldorf, Germany. Continuous wire mill. 1,935,048; Nov. 14.
- Gasser, Leonides J. (See Gasser, Victor E. and L. J.)
- Gasser, Victor E. and L. J., Madison, Wis. Collapsible tube cap. 1,902,698; Mar. 21.
- Gassner, Sebastian, and W. Meiser, Leverkusen-I.-G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 1,917,443; July 11.
- Gasstrom, Herman M., Mount Vernon, N. Y. Yielding joint for extension rules. 1,900,640; Mar. 7.
- Gasstrom, Herman M., Mount Vernon, N. Y. Hinge. 1,926,091; Sept. 12.
- Gast, George A., Chicago, Ill., assignor, by mesne assignments, to J. F. Meyer, Pasadena, Calif. Amusement machine cabinet. Des. 90,242; July 4.
- Gast, Paul H., Buffalo, N. Y. Process and apparatus for straightening rails. 1,906,002; Apr. 25.
- Gaston, Angela, and Estanislao Bogdany, Barcelona, Spain. Purification of lubricating oil. 1,903,731; Apr. 11.
- Gaston, Fred A., Micanopy, Fla., assignor to Atlas Foundry Company, Irvington, N. J. Automatic temperature regulator. 1,921,667; Aug. 8.
- Gaston, John R., East Orange, assignor to American Transformer Company, Newark, N. J. Electrical connecting means for inclosed transformers. 1,932,456; Oct. 31.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,867; Jan. 3.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Knitted fabric. Des. 88,955; Jan. 10.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 89,848; May 9.
- Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Mechanism for knitting full fashioned hosiery. 1,941,296; Dec. 26.
- Gate City Sash & Door Company. (See Jones, Earl P., assignor.)
- Gately, Peter T., and G. A. Bowen, Willimantic, Conn., assignors to The American Thread Company, New York, N. Y. Cop and producing same. 1,938,586; Dec. 12.
- Gateman, W., Mfg. Co. (See Kind, Frederick H., assignor.)
- Gates, Bernard W., Pleasantville, N. Y., assignor to Plymouth Cordage Company, Plymouth, Mass. Center for wire ropes. 1,916,135; June 27.
- Gates, Charles C., Denver, Colo. Machine for making endless belts. 1,911,185; May 30.
- Gates, Frederic P., West Hartford, assignor to Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch. 1,925,834; Sept. 5.
- Gates, Frederic P., Brixton, London, England. Press for tennis and like racquets. 1,914,086; June 13.
- Gates, George W. (See Martel, Adelfar F., assignor.)
- Gates, Louis W. (See Klamann, E., and Gates.)
- Gates Rubber Company, The. (See Fuller, George P., assignor.)
- Gates, Thayer P. (See Pfeiffer, A. J., and Gates.)
- Gatesy, John J., Torrington, Conn. Clock. 1,898,660; Feb. 21.
- Gath, Kenneth E., Harrisburg, Pa. Flight indicator. 1,903,449; Apr. 11.
- Gathmann, Emil. (See Brinkmann, A. H., and Rice, assignors.)
- Gathmann, Emil, Baltimore, Md. Apparatus for stripping ingots from ingot molds. 1,897,696; Feb. 14.
- Gathmann, Emil, Baltimore, Md. Producing ingots. 1,911,228; May 30.
- Gathmann, Emil, Baltimore, Md. Ingot mold. 1,913,924; June 13.
- Gathmann, Emil, Baltimore, Md. Heat insulating means for use in producing metallic castings. 1,920,854; Aug. 1.
- Gathmann, Emil, Baltimore, Md. Ingot-stripping apparatus. 1,931,187; Oct. 17.
- Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Magnetic damper for precision balance. 1,900,641; Mar. 7.
- Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Magnetic damping apparatus for precision balances. 1,937,223; Nov. 28.
- Gaubert, John Q., assignor to General Motors Radio Corporation, Dayton, Ohio. Control drive for variable condensers. 1,913,111; June 6.
- Gaubert, John Q., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio apparatus. 1,935,355; Nov. 14.
- Gaubert, John Q., H. L. Brump, and J. B. Forsythe, assignors to General Motors Radio Corporation, Dayton, Ohio. Radio coil and shield mounting. 1,897,253; Feb. 14.
- Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric current rectifying system. 1,933,849; Nov. 7.
- Gaudenzi, Arthur, and J. Jonas, assignors to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Metallic vapor rectifier. 1,912,034; May 30.
- Gaudin, Antoine M., Butte, Mont. Separation of minerals by flotation. 1,893,517; Jan. 10.
- Gaudio, Gaetano. (See Lanzilotti, N. A., and Gaudio.)
- Gauerke, Chester G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition containing beta-eleostearin. 1,898,088; Feb. 21.
- Gauerke, Chester G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making synthetic resins and coating-compositions containing them. 1,920,980; Aug. 8.
- Gauger, Albert F., Detroit, Mich. Windshield. 1,921,519; Aug. 8.

- Gauger, Frank A., and R. W. Johnson, Milwaukee, Wis., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heater lighter. 1,918,805; July 18.
- Gauger, Frank A., R. W. Johnson, and A. Neuser, Milwaukee, Wis., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pilot and burner control apparatus. 1,922,201; Aug. 15.
- Gauldin, Richard R., Fullerton, Calif. Bearing construction. 1,932,776; Oct. 31.
- Gault, Henry, and B. M. R. Angla, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of cellulose butyric esters. 1,896,039; Jan. 31.
- Gault, Henry, and B. M. R. Angla, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Preparation of cellulose esters. 1,908,746; May 16.
- Gault, Henry, and B. M. R. Angla, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of cellulose butyric esters. 1,912,189; May 30.
- Gault, John J., assignor to William J. Newman Company, Chicago, Ill. Attachment for cranes. 1,928,966; Oct. 3.
- Gaus, George E., Washington, D. C., dedicated to the free use of the Government and the people. Wire bale-tie. 1,905,581; Apr. 25.
- Gaus, George E., Washington, D. C., dedicated to the free use of the Government and the people. Affixing identification tags. 1,922,799; Aug. 15.
- Gaus, George E., Washington, D. C., dedicated to the free use of the Government and the People of the United States. Adjustable wire bale-tie. 1,924,155; Aug. 29.
- Gaus, George E., Washington, D. C., dedicated to the free use of the Government and the people. Wire bale-tie. 1,929,843; Oct. 10.
- Gaus, Wilhelm, K. Hochschwender, and W. Schunck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Extracting carbon dioxide from gaseous mixture and forming alkaline carbonates. 1,897,725; Feb. 14.
- Gaus, Wilhelm, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons. 1,932,174; Oct. 24.
- Gauss, Julius M., assignor to The Studebaker Corporation, South Bend, Ind. Rubbing block. 1,896,946; Feb. 7.
- Gauss, Oskar, and R. Kurz, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electromagnetic relay. 1,931,188; Oct. 17.
- Gauthier, Adelard J., assignor to Packard Motor Car Company, Detroit, Mich. Tap holder. 1,936,665; Nov. 28.
- Gauthier, Alfred, New York, N. Y. Optical projection. 1,934,418; Nov. 7.
- Gauthier, Marcel C., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photographic film drive mechanism. 1,933,251; Oct. 31.
- Gauthier, Phibia, Lowell, Mass. Spring tire. 1,928,530; Sept. 26.
- Gaver, Roscoe M., Irvington, N. J. Toy power shovel. 1,939,442; Dec. 12.
- Gavie, Edward H., Addison, Ill. Sash lock. 1,933,727; Nov. 7.
- Gay, Arthur W., Reading, Ohio. Full circle retreader. 1,917,110; July 4.
- Gay, Edson W., assignor of one-third to A. R. Emery, Kellogg, Idaho. Electric storage battery. 1,906,955; May 2.
- Gay, Frazer W., Newark, N. J. Electric power generating plant. 1,896,356; Feb. 7.
- Gay, Frazer W., Newark, N. J. Series parallel transformer connection. 1,896,397; Feb. 7.
- Gay, Frazer W., Newark, N. J. Transformer connection. 1,896,398; Feb. 7.
- Gay, Frazer W., Newark, N. J. System of electric transmissions. 1,896,399; Feb. 7.
- Gay, Frazer W., Newark, N. J. Power transmission system. 1,900,494; Mar. 7.
- Gay, Frazer W., Newark, N. J. Capacitor protector. 1,900,495; Mar. 7.
- Gay, Frazer W., Newark, N. J. Network of midtapped transformers. 1,900,496; Mar. 7.
- Gay, Frazer W., Newark, N. J. Hot water storage for power generation. 1,905,085; Apr. 25.
- Gay, Frazer W., Newark, N. J. Power transmission system. 1,916,925; July 4.
- Gay, Frazer W., Newark, N. J. Arcing ground suppressor. 1,916,926; July 4.
- Gay, Frazer W., Newark, N. J. Switching a spare line. 1,916,927; July 4.
- Gay, Frazer W., Newark, N. J. System of starting alternating current motors. 1,927,208; Sept. 19.
- Gay, Norman H., Los Angeles, Calif. Liquid level gauge for volatile liquids. 1,904,785; Apr. 18.
- Gay, Norman H., Los Angeles, Calif. Combination receiver and regenerator unit for refrigerating plants. 1,922,942; Aug. 15.
- Gay, Norman H., Los Angeles, Calif. Evaporating coil structure for refrigerating systems. 1,926,978; Sept. 12.
- Gay, Norman H., Los Angeles, Calif. Apparatus for preparing potable water. 1,931,347; Oct. 17.
- Gay, Norman H., Los Angeles, Calif. Refrigeration system with multiple impellers and shell evaporators. 1,940,347; Dec. 19.
- Gay, Paul, Trion, Ga. Manually operable cigarette rolling machine. 1,924,643; Aug. 29.
- Gay, Wesley C., Augusta, Ga. Fence. 1,907,257; May 2.
- Gaydosh, M. (See Block, Joseph, assignor.)
- Gaylord Company, The. (See Gaylord, John F., assignor.)
- Gaylord, Harlow F., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for removing a covering from a core. 1,929,921; Oct. 10.
- Gaylord, John F., Muncie, Ind., assignor to The Gaylord Company, Inc., Homer, La. Free wheeling transmission. 1,893,405; Jan. 3.
- Gaylord, John F., Muncie, Ind., assignor to The Gaylord Company, Inc., Homer, La. Clutch mechanism. 1,898,949; Feb. 21.
- Gaylord, John F., Muncie, Ind., assignor, by mesne assignments, to The Gaylord Company, Inc., Homer, La. Clutch shifting mechanism for transmission gears. 1,926,940; Sept. 12.
- Gaylord, Robert, Incorporated. (See Fallert, Clifford D., assignor.)
- Gaylord, Robert, Incorporated. (See Williams, Benjamin M., assignor.)
- Gaylord, Robert, Incorporated. (See Young, V., and George, assignors.)
- Gaylord, Willis H., jr., New York, N. Y., assignor to Gulley Company, Inc. Furnace lining anchor. 1,928,313; Sept. 26.
- Gayne, Gideon R., assignor to Snap-On Tools, Inc., Kenosha, Wis. Vehicle spring spreader. 1,898,121; Feb. 21.
- Gayner Glass Works. (See Marsden, John E., assignor.)
- Gaynor, John J., Delphi, Ind. Single automatic rotary bottle crowner. 1,910,327; May 23.
- Gaynor, John J., assignor to Horix Manufacturing Company, Pittsburgh, Pa. Container capping machine. 1,917,025; July 4.
- Gaynor, John J., Delphi, Ind., assignor to Horix Manufacturing Company, Pittsburgh, Pa. Container capping machine. 1,928,450; Sept. 26.
- Gaynor, John J., assignor to Horix Manufacturing Company, Pittsburgh, Pa. Bottle-capping attachment. 1,933,551; Nov. 7.
- Gazarian, Levon H., Los Angeles, Calif. Seat construction. 1,912,576; June 6.
- Gazda, Anton, Vienna, Austria. Piston with cooling effect. 1,905,582; Apr. 25.
- Gazzolo, Samuel D. (See Madsen, A. W., and Gazzolo.)
- Geaneas, Peter, Brooklyn, N. Y. Removing carbon. 1,895,413; Jan. 24.
- Gear Grinding Company Limited, The. (See Bullows, Richard J., assignor.)
- Gear Grinding Machine Company, The. (See Ward, Frederick A., assignor.)
- Gearhart, Emory J., Clearfield, Pa. Semiautomatic turfing device. 1,912,977; June 6.
- Gearhart, James W., Fresno, Calif. Notebook holder. Des. 90,702; Sept. 19.
- Gearing, Charles A., Bellwood, Ill. Flag. Des. 88,956; Jan. 10.
- Geary, Gerhardt, deceased, Bergen, Wis., by J. Geary administrator, Bergen, Wis. Lug for traction wheels. 1,927,516; Sept. 19.
- Geary, James F., and H. C. Jennings, Salt Lake City, Utah. Automatic sampler and transferring device. 1,937,473; Nov. 28.
- Geary, Joseph, administrator. (See Geary, Gerhardt.)
- Gebbers, Friedrich, Vienna, Austria. Manufacture of propellers. 1,933,798; Nov. 7.
- Gebert, Albert E. (See Antoine A. D., and Gebert.)
- Gebert, Albert E. (See Richardson, M. H., and Gebert.)
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Temperature control system for electromechanical oscillators. 1,893,666; Jan. 10.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Signaling system control. 1,894,952; Jan. 24.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Adjustable inductance system. 1,899,144; Feb. 28.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Protective system for fluid cooled tubes. 1,900,013; Mar. 7.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Control apparatus. 1,903,759; Apr. 18.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Adjustable condenser. 1,906,904; May 2.
- Gebhard, Louis A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Signaling system. 1,923,305; Aug. 22.
- Gebhard, Louis A., and C. F. Rudolph, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y. Frequency changing system for radio transmitters. 1,896,168; Feb. 7.
- Gebhard, Louis A., and R. B. Meyer, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y. Temperature control system. 1,898,531; Feb. 21.
- Gebhard, Louis A., and R. B. Meyer, Washington, D. C. Antenna system. 1,903,811; Apr. 18.

- Gebhard, Louis A., and C. F. Rudolph, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y. Shock-proof mounting for a high power frequency amplifier system. 1,903,812; Apr. 18.
- Gebhard, Louis A., and C. F. Rudolph, Washington, D. C.; said Gebhard assignor to Wired Radio, Inc., New York, N. Y. Frequency adjusting apparatus. 1,910,007; May 23.
- Gebhard, Louis A., Washington, D. C. Cooling system for high power high frequency transmitters. 1,939,689; Dec. 19.
- Gebhardt, Henry J., Chicago, Ill. Heat exchange apparatus. 1,896,774; Feb. 7.
- Gebhardt, Karl. (See Lohr, A., and Gebhardt.)
- Gebhardt, Wilhelm. (See Ortner, O., Münsterer, Gebhardt, and Keller.)
- Gebhardt, Wilhelm. (See Paschen, P., Ritter, Stauber, Gebhardt, and Schmiedel.)
- Gebhardt, Frank C., assignor to United Oil Manufacturing Company, Erie, Pa. Grease and making the same. 1,902,635; Mar. 21.
- Gebhart, Albert, Seattle, Wash. Aircraft wings. 1,936,786; Nov. 28.
- Gebr. Staubli & Co. (See Grossmann, Hans, assignor.)
- Gebrüder Brehmer. (See Kleinschmit, Oscar, assignor.)
- Gebrüder Brehmer. (See Klemm, Rudolf, assignor.)
- Gebrüder Brehmer Maschinenfabrik. (See Kleinschmit, Oscar, assignor.)
- Gebrüder Buhler. (See Mezger, Jacques, assignor.)
- Gebrüder, Hardy, Maschinenfabrik un Giesserei A. G. (See Leuchter, Richard L., assignor.)
- Gechter, Herman J., Cleveland, Ohio. Traffic regulating device. 1,905,378; Apr. 25.
- Geczy, Joseph, Maplewood, N. J. Machine for applying adhesive tape or labels. 1,936,357; Nov. 21.
- Geddes, Leslie H. (See Kelly, Edward, assignor.)
- Geddes, Norman B., New York, N. Y. Automotive vehicle. Des. 90,577; Aug. 29.
- Geddes, Norman B., New York, N. Y., assignor to Standard Gas Equipment Corporation. Gas stove casing. Des. 90,108; June 13.
- Geddes, Norman B., New York, N. Y., assignor to Standard Gas Equipment Corporation. Gas stove casing. Des. 90,109; June 13.
- Geddes, William E., Ellwood City, Pa. Wire bundling machine. 1,916,105; June 27.
- Gedeon, Rudolph. (See Goebi, A., and Gedeon.)
- Gedris, William A., Grand Rapids, Mich. Ball bearing seat hanger. 1,898,176; Feb. 21.
- Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Reconditioning filter-aid material. 1,923,021; Aug. 15.
- Geekas, Demetrius G., New York, N. Y. Game device. 1,918,094; July 11.
- Geer, Charles D. (See Stirlenk, E. D., Geer, and Kelly.)
- Geer, Henry E., London, England, assignor to The Superheater Company, New York, N. Y. Steam superheater. 1,935,049; Nov. 14.
- Geer, Hobart S., Corona, assignor to American Safety Device Co., New York, N. Y. Scaffolding. 1,919,016; July 18.
- Geer, Paul L., et al. (See Eckert, Fritz, assignor.)
- Geer, Paul L. (See Morton, W. A., and Geer.)
- Geer, Paul L., Bellevue, assignor to The Amsler-Morton Company, Pittsburgh, Pa. Apparatus for annealing glassware. 1,902,326; Mar. 21.
- Geer, Paul L., Bellevue, assignor to Amco Incorporated, Pittsburgh, Pa. Annealing leer. 1,918,962; July 18.
- Geer, Paul L., Bellevue, assignor to Amco, Incorporated, Pittsburgh, Pa. Glass melting furnace. 1,927,658; Sept. 19.
- Geer, Paul L., Albany, assignor of three-tenths to W. M. Wooten, San Francisco, and three-tenths to M. C. Frank, Oakland, Calif. Control device for spray mixing apparatus. 1,935,977; Nov. 21.
- Geer, William C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bead for pneumatic tire casings and making the same. 1,899,088; Feb. 28.
- Geertsens, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Collar and can assembling machine. 1,916,260; July 4.
- Geesey, Lloyd P., D. W. Ferguson, and F. M. Coquillette, Dallas, Tex. Burial vault. 1,937,647; Dec. 5.
- Geffcken, Heinrich H., and H. R. Richter, Leipzig, Germany. Photo-electric tube. 1,924,275; Aug. 29.
- Geffcken, Rudolf H. H., and R. H. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Electric relay device for indicating weak currents. 1,898,046; Feb. 21.
- Gega, Joseph M., Portland, Ore. Water pressure driven motor. 1,892,831; Jan. 3.
- Gehr, H. W., et al. (See Barnes, Alvin P., assignor.)
- Gehrig, Carl, assignor of one-half to K. P. May, West New York, N. J. Window cleaning apparatus. 1,924,922; Aug. 29.
- Gehrke, Friedrich W., Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Condenser for film-projectors. 1,932,817; Oct. 31.
- Gehrke, Max. (See Schoeller, W., Schwenk, and Gehrke.)
- Gehrke, Max. (See Schwenk, E., Gehrke, and Aichner.)
- Gehrts, August, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Gas content rectifier. 1,896,614; Feb. 7.
- Geibel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Sanitary waste can. 1,908,235; May 9.
- Geibel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Sanitary waste can. 1,922,729; Aug. 15.
- Geibelt, Fred, and C. Beeston, New York, N. Y. Combined bureau and mirror. Des. 91,168; Dec. 12.
- Geier, Frank A., Langhorne, Pa. Novelty cane. 1,908,662; May 9.
- Geier, Frederick V., and F. S. Haas, Cincinnati, Ohio, assignors, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,934,601; Nov. 7.
- Geier, Hermann. (See Jochum, K., Voss, Geier, and Dickhauser.)
- Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
- Geiger, Carl F., assignor to Frigidaire Corporation, Dayton, Ohio. Pump for refrigerating apparatus. 1,917,760; July 11.
- Geiger, Charles F. (See Forse, E. B., and Geiger.)
- Geiger, Ernst, Irvington, N. J. Building and building section. 1,895,657; Jan. 31.
- Geiger, Frederick, Drexel Hill, assignor to Wall & Ochs, Philadelphia, Pa. Chart display apparatus. 1,926,526; Sept. 12.
- Geiger, George F., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Uniform corrosion anode and making same. 1,941,256; Dec. 26.
- Geiger, George F., assignor to The International Nickel Company, Inc., New York, N. Y. Making uniform corrosion anodes. 1,941,257; Dec. 26.
- Geigy, J. R., S. A. (See Richard, Bernhard, assignor.)
- Geiger, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Preparing uni-directional current carrying devices. 1,892,832; Jan. 3.
- Geiger, Theodore H. (See Stoddard, W. B., Geiger, and Burgess.)
- Geiger, Walter J., Cleveland Heights, and A. T. Gaskill, Cleveland, Ohio, assignors to General Electric Company. Electric lamp or similar device. 1,925,986; Sept. 5.
- Geiger, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Coupler and yoke connection. 1,900,549; Mar. 7.
- Geiger, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,902,636; Mar. 21.
- Geigy, J. R., S. A. (See Meyer, R., and Schäfer, assignors.)
- Geigy, J. R., S. A. (See Richard, Bernhard, assignor.)
- Geigy, J. R., S. A. (See Wanner, Erich, assignor.)
- Geigy, J. R., S. A., Firm. (See Schafer, Josef, assignor.)
- Geller, Frederick C., assignor to Trupar Manufacturing Company, Dayton, Ohio. Refrigeration unit. 1,897,020; Feb. 7.
- Geller, Oskar. (See Gerdien, H., Jubitz, and Geller.)
- Geis, Wilhelm T., Knapsack, near Cologne-on-the-Rhine, assignor to Aktiengesellschaft für Stickstoffdünger, Cologne-on-the-Rhine, Germany. Highly active carbon and preparing it. 1,902,068; Mar. 21.
- Geisel, Wilhelm. (See Meiser, W., Geisel, and von Knilling.)
- Geiselman, Ralph A. (See Ashbaugh, J. H., and Geiselman.)
- Geiselman, Ralph A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,939,443; Dec. 12.
- Geisenhoner, Henry, Schenectady, N. Y. Take-up device for ropes. 1,896,705; Feb. 7.
- Geisler, William A., Newark, N. J., assignor, by mesne assignments, to Durafer (Inc.), Dover, Del. Centrifugal molding machine. 1,895,245; Jan. 24.
- Geiss, Willy. (See Van Liempt, J. A. M., and Geiss.)
- Geisse, John H., Madison, Wis. Internal combustion engine. 1,914,499; June 20.
- Geissler, Walter. (See Kleinschmidt, O., and Geissler, assignors.)
- Geist, Herbert F., Cleveland, Ohio. Method and apparatus for forming building blocks. 1,930,970; Oct. 17.
- Geist, Joseph, Kraiburg-on-the-Inn, Germany. Grab. 1,900,179; Mar. 7.
- Geist, William J., Lockport, Ill. Collapsible receptacle. 1,904,365; Apr. 18.
- Geist, William J., assignor to Sefton National Fibre Can Co., Maplewood, Mo. Spout equipped box. 1,940,412; Dec. 19.
- Gekler, Eugene F., Grover Hill, Ohio. Temperature alarm. 1,922,580; Aug. 15.
- Gelarie, Arnold J., New York, N. Y. Zirconium citrate hexamethylenetetramine. 1,905,848; Apr. 25.
- Gelder, Royal W., Greeley, Colo. Hardening lime mortar. 1,898,358; Feb. 21.
- Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Dolly. 1,937,884; Dec. 5.
- Gelinas, Urbain, Montreal, Quebec, Canada. Refrigerating trunk for automobiles. 1,924,494; Aug. 29.
- Geller, Benjamin. (See Ferguson, William J., assignor.)
- Gellman, Israel C., Rock Island, assignor to Northwestern Barb Wire Company, Sterling, Ill. Wire fabric making machine. 1,905,086; Apr. 25.
- Geloso, John. (See Bjorkman, George E., and Geloso.)

- Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Locking cap for fasteners. 1,936,624; Nov. 28.
- Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Bolt anchor. 1,940,856; Dec. 26.
- Gelstharf, Frederick. (See Parkinson, J. C., and Gels-tharp.)
- Gelstharf, Frederick, Tarentum, Pa., assignor to Pitts-burgh Plate Glass Company. Making sheet glass. 1,905,849; Apr. 25.
- Gelstharf, Frederick, Tarentum, Pa., assignor to Pitts-burgh Plate Glass Company. Process and apparatus for making insulating glass. 1,934,798; Nov. 14.
- Gelstharf, Frederick, Tarentum, and J. H. Sherts, Brack-eridge, Pa., assignors to Pittsburgh Plate Glass Com-pany. Glass. 1,936,231; Nov. 21.
- Gemberling, John M. (See Pehrsson, John S., assignor.)
- Gemeinhardt, Walter, New York, N. Y. Mouthpiece of wind musical instruments. 1,796,814; Feb. 7.
- Gemex Company. (See Prestinari, Eugen, assignor.)
- Gemmer, George A., Newark, N. J., assignor to Bendix Brake Company, Chicago, Ill. Lost-motion connection for brake mechanisms. 1,921,156; Aug. 8.
- Gemmer Manufacturing Company. (See Hammond, Charles F., jr., assignor.)
- Gemmer Manufacturing Company. (See Hammond, Ed-ward P., assignor.)
- Gemmer Manufacturing Company. (See Koerner, Theo-dore W., assignor.)
- Gemmer Manufacturing Company. (See Marles, Henry, assignor.)
- General Airmotors Company. (See Moore, Robert S., as-signor.)
- General Alloys Company. (See McCormick, George C., assignor.)
- General American Tank Car Corporation. (See Pierce, Raymond C., assignor.)
- General Aniline Works, Inc. (See Ballauf, F., and Schmelzer, assignors.)
- General Aniline Works, Inc. (See Bamberger, Curt, as-signor.)
- General Aniline Works, Inc. (See Bamberger, C., and Nawiasky, assignors.)
- General Aniline Works, Inc. (See Bauer, Rudolf, as-signor.)
- General Aniline Works, Inc. (See Baumann, Fritz, as-signor.)
- General Aniline Works, Inc. (See Bayer, Otto, assignor.)
- General Aniline Works, Inc. (See Bayer, O., and Bau-mann, assignors.)
- General Aniline Works, Inc. (See Becker, Walter, as-signor.)
- General Aniline Works, Inc. (See Bergdolt, A., and Bal-lauf, assignors.)
- General Aniline Works, Inc. (See Berthold, H., and Friedrich, assignors.)
- General Aniline Works, Inc. (See Böger, O., and Müller, assignors.)
- General Aniline Works, Inc. (See Bollweg, B., Zeh, and Kramer, assignors.)
- General Aniline Works, Inc. (See Bruck, Walter, as-signor.)
- General Aniline Works, Inc. (See Brunner, A., and Greune, assignors.)
- General Aniline Works, Inc. (See Büsdorf, J., and Löflund, assignors.)
- General Aniline Works, Inc. (See Caspari, Rudolph, as-signor.)
- General Aniline Works, Inc. (See Clingstein, H., and Dobmaier, assignors.)
- General Aniline Works, Inc. (See Clingtstein, H., and Wiedemann, assignors.)
- General Aniline Works, Inc. (See Daimler, Karl, as-signor.)
- General Aniline Works, Inc. (See Doser, A., and Mauthe, assignors.)
- General Aniline Works, Inc. (See Eckert, Wilhelm, as-signor.)
- General Aniline Works, Inc. (See Eckert, W., and Braunsdorf, assignors.)
- General Aniline Works, Inc. (See Eckert, W., and Sieber, assignors.)
- General Aniline Works, Inc. (See Eckert, W., Sieber, Greune, and Langbein, assignors.)
- General Aniline Works, Inc. (See Eichwede, Heinz, as-signor.)
- General Aniline Works, Inc. (See Elchwede, H., and Koch, assignors.)
- General Aniline Works, Inc. (See Fellmer, Ernst, as-signor.)
- General Aniline Works, Inc. (See Fischer, E., Kissling, and Kracker, assignors.)
- General Aniline Works, Inc. (See Fischesser, Alfred, as-signor.)
- General Aniline Works, Inc. (See Fitzky, Wilhelm, as-signor.)
- General Aniline Works, Inc. (See Fleischhauer, R., and Schultis, assignors.)
- General Aniline Works, Inc. (See Francke, Bruno, as-signor.)
- General Aniline Works, Inc. (See Gassner, S., and Meiser, assignors.)
- General Aniline Works, Inc. (See Gensel, H., and Hage-dorn, assignors.)
- General Aniline Works, Inc. (See Glietenberg, Eugen, assignor.)
- General Aniline Works, Inc. (See Glietenberg, E., Neel-meier, and Rimele, assignors.)
- General Aniline Works, Inc. (See Greune, H., and Eckert, assignors.)
- General Aniline Works, Inc. (See Greune, H., Eckert, Sieber, and Langbein, assignors.)
- General Aniline Works, Inc. (See Grimm, H. G., and Lederle, assignors.)
- General Aniline Works, Inc. (See Guthke, Friedrich W., assignor.)
- General Aniline Works, Inc. (See Haller, Josef, as-signor.)
- General Aniline Works, Inc. (See Haller, J., and Taube, assignors.)
- General Aniline Works, Inc. (See Hankel, M., and Jelli-nek, assignors.)
- General Aniline Works, Inc. (See Haynn, Richard, as-signor.)
- General Aniline Works, Inc. (See Heidenreich, Rudolf, as-signor.)
- General Aniline Works, Inc. (See Heidenreich, Rudolf M., assignor.)
- General Aniline Works, Inc. (See Henle, F., and Kracker, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., and Hardtmann, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., Hardt-mann, and Backes, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., Hilger, and Knoche, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., Ossen-beck, and Tietze, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., Strobel, and Tietze, assignors.)
- General Aniline Works, Inc. (See Hentrich, W., Wieners, and Stroebel, assignors.)
- General Aniline Works, Inc. (See Herdickeckerhoff, E., and Ballauf, assignors.)
- General Aniline Works, Inc. (See Herz, R., Albrecht, and Dereser, assignors.)
- General Aniline Works, Inc. (See Herz, R., and Hechten-berg, assignors.)
- General Aniline Works, Inc. (See Herz, R., and Schubert, assignors.)
- General Aniline Works, Inc. (See Herz, R., Schubert, and Hechtenberg, assignors.)
- General Aniline Works, Inc. (See Herz, R., and Zerweck, assignors.)
- General Aniline Works, Inc. (See Heyna, Hans, assignor.)
- General Aniline Works, Inc. (See Hilger, Josef, assignor.)
- General Aniline Works, Inc. (See Hoffa, E., and Glieten-berg, assignors.)
- General Aniline Works, Inc. (See Hoffa, E., and Jörg, assignors.)
- General Aniline Works, Inc. (See Hoffa, E., and Thoma, assignors.)
- General Aniline Works, Inc. (See Holzach, K., and von Rosenberg, assignors.)
- General Aniline Works, Inc. (See Honold, Ernst, as-signor.)
- General Aniline Works, Inc. (See Honold, E., and Boehner, assignors.)
- General Aniline Works, Inc. (See Honold, E., and Weinand, assignors.)
- General Aniline Works, Inc. (See Huismann, J., and Schweitzer, assignors.)
- General Aniline Works, Inc. (See Johannsen, Adolf, as-signor.)
- General Aniline Works, Inc. (See Jung, Rudolph, as-signor.)
- General Aniline Works, Inc. (See Kacer, Filip, assignor.)
- General Aniline Works, Inc. (See Kacer, F., Baumann, and Krause, assignors.)
- General Aniline Works, Inc. (See Kalischer, G., and Fleischhauer, assignors.)
- General Aniline Works, Inc. (See Kalishcer, G., Honold, Clingstein, and Dobmaier, assignors.)
- General Aniline Works, Inc. (See Kalischer, G., Ritter, and Baumann, assignors.)
- General Aniline Works, Inc. (See Keller, Karl, assignor.)
- General Aniline Works, Inc. (See Koehler, Erich, as-signor.)
- General Aniline Works, Inc. (See Korten, Ernst, as-signor.)
- General Aniline Works, Inc. (See Kracker, Herbert, as-signor.)
- General Aniline Works, Inc. (See Kracker, H., and Thoma, assignors.)
- General Aniline Works, Inc. (See Kraenzlein, G., and Diefenbach, assignors.)
- General Aniline Works, Inc. (See Kraenzlein, G., Voll-mann, and Becker, assignors.)
- General Aniline Works, Inc. (See Kraenzlein, G., Voll-mann, and Corell, assignors.)
- General Aniline Works, Inc. (See Kramer, E., Bollweg, and Zeh, assignor.)
- General Aniline Works, Inc. (See Kränzlein, G., Corell, and Diefenbach, assignors.)
- General Aniline Works, Inc. (See Kränzlein, G., Corell, and Dohle, assignors.)
- General Aniline Works, Inc. (See Kränzlein, G., Corell, Vollmann, and Hausdörfer, assignors.)

General Aniline Works, Inc. (See Kränzlein, G., Greune, Corell, and Vollmann, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Greune, Thiele, and Helwert, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., and Ochwat, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Roemer, and Kronholz, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., and Vollmann, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Vollmann, and Dittenbach, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Wolfram, and Broeker, assignors.)
 General Aniline Works, Inc. (See Kränzlein, G., Wolfram, and Hausdörfer, assignors.)
 General Aniline Works, Inc. (See Krech, R., Scheurer, and Koch, assignors.)
 General Aniline Works, Inc. (See Krzikalla, Hans, assignor.)
 General Aniline Works, Inc. (See Krzikalla, H., and Bluemmel, assignors.)
 General Aniline Works, Inc. (See Kugel, Max, assignor.)
 General Aniline Works, Inc. (See Kunz, M. A., and Koeberle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Koeberle, and Berthold, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Koeberle, and Hensle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Koeberle and Kochendorfer, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Neresheimer, and Koeberle, assignors.)
 General Aniline Works, Inc. (See Kunz, M. A., Stroth, and Dimroth, assignors.)
 General Aniline Works, Inc. (See Landers, Hermann, assignor.)
 General Aniline Works, Inc. (See Lange, M., Luce, and Jacobs, assignors.)
 General Aniline Works, Inc. (See Lange, Werner, assignor.)
 General Aniline Works, Inc. (See Laska, L., and Haller, assignors.)
 General Aniline Works, Inc. (See Laska, L., and Heyn, assignors.)
 General Aniline Works, Inc. (See Laska, L., and Werdermann, assignors.)
 General Aniline Works, Inc. (See Laska, L., and Wollemann, assignors.)
 General Aniline Works, Inc. (See Laska, L., and Zitscher, assignors.)
 General Aniline Works, Inc. (See Laska, L., Zitscher, and Koch, assignors.)
 General Aniline Works, Inc. (See Lehmann, Erich, assignor.)
 General Aniline Works, Inc. (See Lehmann, E., and Wassenberger, assignors.)
 General Aniline Works, Inc. (See Limbach, O., Hager, Schmelzer, and Ballauf, assignors.)
 General Aniline Works, Inc. (See Lommel, W., and Goost, assignors.)
 General Aniline Works, Inc. (See Lüttringhaus, A., Neresheimer, and Emmer, assignors.)
 General Aniline Works, Inc. (See Marx, K., and Lehmann, assignors.)
 General Aniline Works, Inc. (See Mayer, Fritz, assignor.)
 General Aniline Works, Inc. (See Mersch, Josef, assignor.)
 General Aniline Works, Inc. (See Metzger, Richard, assignor.)
 General Aniline Works, Inc. (See Mieg, W., and Heidenreich, assignors.)
 General Aniline Works, Inc. (See Mieg, W., Stein, and Trautner, assignors.)
 General Aniline Works, Inc. (See Morschel, H., and Luce, assignors.)
 General Aniline Works, Inc. (See Müller, J., Luce, and Schulte, assignors.)
 General Aniline Works, Inc. (See Müller, Werner, assignor.)
 General Aniline Works, Inc. (See Munz, Ferdinand, assignor.)
 General Aniline Works, Inc. (See Muth, Friedrich, assignor.)
 General Aniline Works, Inc. (See Muth, F., and Gräler, assignors.)
 General Aniline Works, Inc. (See Muth, F., and Schmelzer, assignors.)
 General Aniline Works, Inc. (See Nawiasky, Paul, assignor.)
 General Aniline Works, Inc. (See Nawiasky, P., Bauer, and Krauch, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Chrzescinski, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Ehrhardt, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Eiflaender, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., Helwert, and Krause, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Krause, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Kretzschmar, assignors.)

General Aniline Works, Inc. (See Nawiasky, P., and Mueller, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., and Stein, assignors.)
 General Aniline Works, Inc. (See Nawiasky, P., Stein, and Krauch, assignors.)
 General Aniline Works, Inc. (See Neelmeier, W., Nocken, and Friedrich, assignors.)
 General Aniline Works, Inc. (See Neelmeier, W., Rimele, and Glietenberg, assignors.)
 General Aniline Works, Inc. (See Neresheimer, Heinrich, assignor.)
 General Aniline Works, Inc. (See Neresheimer, H., and Boehner, assignors.)
 General Aniline Works, Inc. (See Neresheimer, H., and Schneider, assignors.)
 General Aniline Works, Inc. (See Neumann, Josef, assignor.)
 General Aniline Works, Inc. (See Nuesslein, Joseph, assignor.)
 General Aniline Works, Inc. (See Orthner, L., and Glietenberg, assignors.)
 General Aniline Works, Inc. (See Ott, Karl, and Schussler, assignors.)
 General Aniline Works, Inc. (See Paquin, Max, assignor.)
 General Aniline Works, Inc. (See Pfeffer, Ernst, assignor.)
 General Aniline Works, Inc. (See Reddelien, G., and Lange, assignors.)
 General Aniline Works, Inc. (See Reindel, H., and Krzikalla, assignors.)
 General Aniline Works, Inc. (See Rietz, E., and Hoffmann, assignors.)
 General Aniline Works, Inc. (See Rösch, Georg, assignor.)
 General Aniline Works, Inc. (See Rosenbach, J., and Lassmann, assignors.)
 General Aniline Works, Inc. (See Roth, H., and Zschimmer, assignors.)
 General Aniline Works, Inc. (See Runne, E., Moldaenke, and Kirst, assignors.)
 General Aniline Works, Inc. (See Sander, Ludwig, assignor.)
 General Aniline Works, Inc. (See Scheyer, Heinz, assignor.)
 General Aniline Works, Inc. (See Schimmelschmidt, K., and Thomä, assignors.)
 General Aniline Works, Inc. (See Schladebach, H., and Hahle, assignors.)
 General Aniline Works, Inc. (See Schmelzer, A., Ballauf, and Hefner, assignors.)
 General Aniline Works, Inc. (See Schmelzer, A., Ballauf, and Muth, assignors.)
 General Aniline Works, Inc. (See Schmidt, Karl, assignor.)
 General Aniline Works, Inc. (See Schmidt, R. E., and Berliner, assignors.)
 General Aniline Works, Inc. (See Schnevoigt, A., and Krzikalla, assignors.)
 General Aniline Works, Inc. (See Schweitzer, Hugo, assignor.)
 General Aniline Works, Inc. (See Schweitzer, H., Hentrich, and Burr, assignors.)
 General Aniline Works, Inc. (See Sobst, Otto, assignor.)
 General Aniline Works, Inc. (See Steiger, N., and Brunner, assignors.)
 General Aniline Works, Inc. (See Strüsser, Richard, assignor.)
 General Aniline Works, Inc. (See Taube, C., and Hilger, assignors.)
 General Aniline Works, Inc. (See Thiess, K., and Meissner, assignors.)
 General Aniline Works, Inc. (See Thiess, K., Meissner, Zerweck, and Runne, assignors.)
 General Aniline Works, Inc. (See Torinus, Gustav, assignor.)
 General Aniline Works, Inc. (See Ulrich, H., and Nuesslein, assignors.)
 General Aniline Works, Inc. (See Ulrich, H., and Schuster, assignors.)
 General Aniline Works, Inc. (See Unger, Oskar, and Boehner, assignors.)
 General Aniline Works, Inc. (See Wagner, H., and Kracker, assignors.)
 General Aniline Works, Inc. (See Wahl, Ottmar, assignor.)
 General Aniline Works, Inc. (See Wahl, O., Müller, Kohn, and Teupel, assignors.)
 General Aniline Works, Inc. (See Weinand, K., Taube, and Hertlein, assignors.)
 General Aniline Works, Inc. (See Wiedemann, K., and Clingstein, assignors.)
 General Aniline Works, Inc. (See Wilke, Karl, assignor.)
 General Aniline Works, Inc. (See Wilke, K., Stock, and Schubert, assignors.)
 General Aniline Works, Inc. (See Wolff, Hugo, assignor.)
 General Aniline Works, Inc. (See Wolff, H., Kunz, and Koeberle, assignors.)
 General Aniline Works, Inc. (See Wolfram, A., and Hausdörfer, assignors.)
 General Aniline Works, Inc. (See Zahn, Karl, assignor.)
 General Aniline Works, Inc. (See Zahn, K., and Koch, assignors.)

- General Aniline Works, Inc. (See Zahn, K., and Schlichenmaier, assignors.)
 General Aniline Works, Inc. (See Zahn, K., Schimmelschmidt, and Koch, assignors.)
 General Aniline Works, Inc. (See Zahn, K., Koch, and Weinand, assignors.)
 General Aniline Works, Inc. (See Zervas, P., and Clingstein, assignors.)
 General Aniline Works, Inc. (See Zerweck, W. Schütz, Carl, and Rosenbach, assignors.)
 General Aniline Works, Inc. (See Zerwerck, W., and Hechtenberg.)
 General Aniline Works, Inc. (See Zitscher, Arthur, assignor.)
 General Aniline Works, Inc. (See Zitscher, A., and Laska, assignors.)
 General Aniline Works, Inc. (See Zitscher, A., Morschel, and Luce, assignors.)
 General Aniline Works, Inc. (See Zitscher, A., and Seidenfaden, assignors.)
 General Aniline Works, Inc. (See Zitscher, A., Seidenfaden and Jellinek, assignors.)
 General Apparatus Corporation. (See Wilcox, Chester M., assignor.)
 General Atlas Carbon Company. (See Beaver, David J., assignor.)
 General Atlas Carbon Company. (See Keller, Theodore P., assignor.)
 General Atlas Chemical Company. (See Burke, Stephen P., assignor.)
 General Aviation Corporation. (See Midboe, Gabriel, assignor.)
 General Aviation Corporation. (See Schnetzer, Siegfried, assignor.)
 General Baking Company. (See Tilney, Farrar, assignor.)
 General Body & Hoist Company. (See Higgins, Clark F., assignor.)
 General Cable Corporation. (See Adams, Arthur H., assignor.)
 General Cable Corporation. (See Andrew, Edwin L., assignor.)
 General Cable Corporation. (See Benner, A. A., and Schatzel, assignors.)
 General Cable Corporation. (See Crowell, Ray O., assignor.)
 General Cable Corporation. (See Ellis, Charles H., assignor.)
 General Cable Corporation. (See Kent, Moss A., assignor.)
 General Cable Corporation. (See Miller, Kenneth W., assignor.)
 General Cable Corporation. (See Potter, Frank M., assignor.)
 General Cable Corporation. (See Roux, Adrian P., assignor.)
 General Cable Corporation. (See Schnieder, E. J., and Bradt, assignors.)
 General Cable Corporation. (See Segur, Asa B., assignor.)
 General Cable Corporation. (See Sommer, Emil, assignor.)
 General Cable Corporation. (See Traxel, Charles E., assignor.)
 General Can Company. (See Anderson, Carl A., assignor.)
 General Cap Co. Inc. (See Knowles, William H., assignor.)
 General Carbonalpha Company, The. (See Willekens, Jacobus J. C., assignor.)
 General Chemical Company. (See Adamson, George P., assignor.)
 General Chemical Company. (See Bragg, Everett E., assignor.)
 General Chemical Company. (See Butler, James D., assignor.)
 General Chemical Company. (See Carter, Bernard M., assignor.)
 General Chemical Company. (See Clark, Cyril B., assignor.)
 General Chemical Company. (See Fowler, Theodore V., jr., assignor.)
 General Chemical Company. (See Gillett, Lowry, assignor.)
 General Chemical Company. (See Harkness, Andrew M., assignor.)
 General Chemical Company. (See Henninger, Arthur H., assignor.)
 General Chemical Company. (See Ingraham, Harold O. C., assignor.)
 General Chemical Company. (See Merriam, Henry F., assignor.)
 General Chemical Company. (See Thompson, Alfred P., assignor.)
 General Chemical Company. (See Wilbur, Ralph C., assignor.)
 General Conveyors Limited. (See Mann, Walter J., assignor.)
 General Development Laboratories, Inc. (See Withrow, Robert B., assignor.)
 General Electric Company. (See Abbott, Charles C., assignor.)
 General Electric Company. (See Acheson, Marcus A., assignor.)
 General Electric Company. (See Acheson, M. A., and Zehner, assignors.)
 General Electric Company. (See Acly, Harry M., assignor.)
 General Electric Company. (See Adams, Lester V., assignor.)
 General Electric Company. (See Alexander, Peter P., assignor.)
 General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
 General Electric Company. (See Alexanderson, E. F. W., Alger, and Nixdorff, assignors.)
 General Electric Company. (See Alexanderson, E. F. W., and Kell.)
 General Electric Company. (See Alger, Philip L., assignor.)
 General Electric Company. (See Allen, Hugh E., assignor.)
 General Electric Company. (See Amsden, Ralph D., assignor.)
 General Electric Company. (See Anderson, Arvid E., assignor.)
 General Electric Company. (See Andrews, Paul D., assignor.)
 General Electric Company. (See Aoki, Koichi, assignor.)
 General Electric Company. (See Arkenburgh, Weber H., assignor.)
 General Electric Company. (See Asao, S., and Suzuki, assignors.)
 General Electric Company. (See Atwood, Winfield A., assignor.)
 General Electric Company. (See Auerbach, Rudolf, assignor.)
 General Electric Company. (See Ault, Leonard B., assignor.)
 General Electric Company. (See Ault, L. B., and Robinson, assignors.)
 General Electric Company. (See Averrett, Andrew E., assignor.)
 General Electric Company. (See Ayres, Russell W., assignor.)
 General Electric Company. (See Bailey, Allen E., jr., assignor.)
 General Electric Company. (See Bailey, Percy S., assignor.)
 General Electric Company. (See Bailey, Richard W., assignor.)
 General Electric Company. (See Bailey, William M., assignor.)
 General Electric Company. (See Bainbridge, Kenneth T., assignor.)
 General Electric Company. (See Bancker, Elbert H., assignor.)
 General Electric Company. (See Bany, H., and Seeley, assignors.)
 General Electric Company. (See Barringer, Lawrence E., assignor.)
 General Electric Company. (See Barton, Frederick, assignor.)
 General Electric Company. (See Barton, Theophilus F., assignor.)
 General Electric Company. (See Barz, Friedrich, assignor.)
 General Electric Company. (See Bassler, Kurt, assignor.)
 General Electric Company. (See Becker, Kurt, assignor.)
 General Electric Company. (See Bedford, Burnice D., assignor.)
 General Electric Company. (See Beekman, Royce A., assignor.)
 General Electric Company. (See Belt, Thomas A. E., assignor.)
 General Electric Company. (See Bergman, Sven R., assignor.)
 General Electric Company. (See Berry, T. M., and Mead, J., assignors.)
 General Electric Company. (See Biermanns, Josef, assignor.)
 General Electric Company. (See Billings, Stanley P., assignor.)
 General Electric Company. (See Bivens, Maurice E., assignor.)
 General Electric Company. (See Bixler, Harley H., assignor.)
 General Electric Company. (See Blake, David K., assignor.)
 General Electric Company. (See Block, Gustav, assignor.)
 General Electric Company. (See Blomberg, Hermann, assignor.)
 General Electric Company. (See Blume, Louis F., assignor.)
 General Electric Company. (See Blume, L. F., and Camilli, assignors.)
 General Electric Company. (See Borre, Ernst, assignor.)
 General Electric Company. (See Bournst, Lawrence S., assignor.)
 General Electric Company. (See Boyajian, Aram, assignor.)
 General Electric Company. (See Bradford, Arthur J., assignor.)
 General Electric Company. (See Brand, Frederick F., assignor.)
 General Electric Company. (See Breeding, Harold A., assignor.)
 General Electric Company. (See Brieger, Ferdinand, assignor.)
 General Electric Company. (See Briggs, William N., assignor.)

- General Electric Company. (See Brinton, Howard G., assignor.)
 General Electric Company. (See Brophy, Gerald R., assignor.)
 General Electric Company. (See Brown, C. A., and Van Sickle, assignors.)
 General Electric Company. (See Brown, George R., assignor.)
 General Electric Company. (See Brüche, Ernst, assignor.)
 General Electric Company. (See Brückel, Waldemar, assignor.)
 General Electric Company. (See Brückel, W., and Köberich, assignors.)
 General Electric Company. (See Burnham, E. J., and Slinger, assignors.)
 General Electric Company. (See Burnham, Joseph L., assignor.)
 General Electric Company. (See Butler, Benjamin J., assignor.)
 General Electric Company. (See Butler, Henry E., assignor.)
 General Electric Company. (See Butler, H. R., and Young, assignors.)
 General Electric Company. (See Calvert, Francis V., assignor.)
 General Electric Company. (See Camilli, Guglielmo, assignor.)
 General Electric Company. (See Cansdale, John H., assignor.)
 General Electric Company. (See Carlson, George, assignor.)
 General Electric Company. (See Carlson, Helge E., assignor.)
 General Electric Company. (See Carlson, W. L., and Holmes, assignors.)
 General Electric Company. (See Carothers, R. M., and Thompson, assignors.)
 General Electric Company. (See Case, Frank E., assignor.)
 General Electric Company. (See Caughey, Reed J., assignor.)
 General Electric Company. (See Champlin, Franklin J., assignor.)
 General Electric Company. (See Chapman, Charles H., assignor.)
 General Electric Company. (See Chapman, Verni J., assignor.)
 General Electric Company. (See Chapman, V. J., and Stephens, assignors.)
 General Electric Company. (See Charlton, Ernest E., assignor.)
 General Electric Company. (See Chase, Delmar D., assignor.)
 General Electric Company. (See Chutter, George A., assignor.)
 General Electric Company. (See Clark, Ernest W., assignor.)
 General Electric Company. (See Clark, Frank M., assignor.)
 General Electric Company. (See Clark, Wallace S., assignor.)
 General Electric Company. (See Cockrell, William D., assignor.)
 General Electric Company. (See Coffin, David D., assignor.)
 General Electric Company. (See Cohen, Abraham, assignor.)
 General Electric Company. (See Cohn, A., and Dausinger, assignors.)
 General Electric Company. (See Coldwell, Frank T., assignor.)
 General Electric Company. (See Collingham, Robert H., assignor.)
 General Electric Company. (See Cook, Ellsworth D., assignor.)
 General Electric Company. (See Cook, Henry A., assignor.)
 General Electric Company. (See Coolidge, William D., assignor.)
 General Electric Company. (See Cowan, Edward J., assignor.)
 General Electric Company. (See Crago, Harry R., assignor.)
 General Electric Company. (See Crawford, C. H., and Hoare, assignors.)
 General Electric Company. (See Crocker, Clarence T., assignor.)
 General Electric Company. (See Currier, Philip M., assignor.)
 General Electric Company. (See Dahl, O., and Pfaffenberger, assignors.)
 General Electric Company. (See Daly, Loretta M., assignor.)
 General Electric Company. (See Dansboe, Harry H., assignor.)
 General Electric Company. (See Dantsizen, Christian, assignor.)
 General Electric Company. (See Darling, Alan G., assignor.)
 General Electric Company. (See Davies, David R., assignor.)
 General Electric Company. (See Davies, L. J., and Knight, assignors.)
 General Electric Company. (See Davis, Fred, assignor.)
 General Electric Company. (See Davison, J. W., Higgs-Walker, and Johnson, assignors.)
 General Electric Company. (See de Boer, Jan H., assignor.)
 General Electric Company. (See De Groot, Willem, assignor.)
 General Electric Company. (See De Groot, W., and Rurink, assignors.)
 General Electric Company. (See Delles, William J., assignor.)
 General Electric Company. (See Dempster, John T. H., assignor.)
 General Electric Company. (See De Reamer, Frank C., assignor.)
 General Electric Company. (See De Tar, Donald R., assignor.)
 General Electric Company. (See Dettenborn, Paul, assignor.)
 General Electric Company. (See De Vries, Walter, assignor.)
 General Electric Company. (See Dickinson, Edgar D., assignor.)
 General Electric Company. (See Dietze, Richard, assignor.)
 General Electric Company. (See Dome, Robert B., assignor.)
 General Electric Company. (See Doran, John H., assignor.)
 General Electric Company. (See Dowell, H. L., and Stone, assignors.)
 General Electric Company. (See Eaton, John, assignor.)
 General Electric Company. (See Eaton, R. O., and Vars, assignors.)
 General Electric Company. (See Eby, Eugene D., assignor.)
 General Electric Company. (See Ellis, A. L. R., and Winckler, assignors.)
 General Electric Company. (See Emmet, William L. R., assignor.)
 General Electric Company. (See Endres, W., and Hootz, assignors.)
 General Electric Company. (See Ewest, H., and Galdies, assignors.)
 General Electric Company. (See Ewest, H., and Herre, assignors.)
 General Electric Company. (See Ewest, H., and Pirani, assignors.)
 General Electric Company. (See Ewest, H., Wiegand and Reger, assignors.)
 General Electric Company. (See Ewing, Samuel C., assignor.)
 General Electric Company. (See Fallou, Jean, assignor.)
 General Electric Company. (See Fallou, Jean G., assignor.)
 General Electric Company. (See Faus, Harold T., assignor.)
 General Electric Company. (See Fehse, Adolf, assignor.)
 General Electric Company. (See Ferguson, Charles S., assignor.)
 General Electric Company. (See Fisher, Frederick E., assignor.)
 General Electric Company. (See Fitch, William A., assignor.)
 General Electric Company. (See Fitz Gerald, Alan S., assignor.)
 General Electric Company. (See Fitz Gerald, A. S., and Gaines, assignors.)
 General Electric Company. (See Fitz Gerald, A. S., and Young, assignors.)
 General Electric Company. (See Flaherty, Mark, assignor.)
 General Electric Company. (See Flaws, John, Jr., assignor.)
 General Electric Company. (See Fleischmann, Lionel, assignor.)
 General Electric Company. (See Fletcher, George H., assignor.)
 General Electric Company. (See Ford, Warren A., assignor.)
 General Electric Company. (See Found, Clifton G., assignor.)
 General Electric Company. (See Found, C. G., Hull, and Smith, assignors.)
 General Electric Company. (See Frank, John J., assignor.)
 General Electric Company. (See Franklin, Charles S., assignor.)
 General Electric Company. (See Franklin, C. S., and Cutler, assignors.)
 General Electric Company. (See Freiburghouse, Edward H., assignor.)
 General Electric Company. (See Friedrichsen, Heinrich, assignor.)
 General Electric Company. (See Frink, Frederick W., assignor.)
 General Electric Company. (See Fritze, Otto, assignor.)
 General Electric Company. (See Frost, Donald F., assignor.)
 General Electric Company. (See Fukushima, Komao, assignor.)
 General Electric Company. (See Fuller, T. S., and Wyman, assignors.)
 General Electric Company. (See Galdies, Georg, assignor.)
 General Electric Company. (See Garman, George W., assignor.)

- General Electric Company. (See Gasiorowski, Ernst, assignor.)
- General Electric Company. (See Geiger, W. J., and Gaskill, assignors.)
- General Electric Company. (See Geyh, Charles P., assignor.)
- General Electric Company. (See Gilbert, Phillip A., assignor.)
- General Electric Company. (See Gilbert, Ralph A., assignor.)
- General Electric Company. (See Gillette, Robert T., assignor.)
- General Electric Company. (See Given, R. D., and Jefferson, assignors.)
- General Electric Company. (See Goff, Robert W., assignor.)
- General Electric Company. (See Goldberg, Leon J., assignor.)
- General Electric Company. (See Gosling, Joseph W., assignor.)
- General Electric Company. (See Granfield, John C., assignor.)
- General Electric Company. (See Green, Charles F., assignor.)
- General Electric Company. (See Griffith, Rolland C., assignor.)
- General Electric Company. (See Grobel, L. P., and Newkirk, assignors.)
- General Electric Company. (See Grunholz, Hans, assignor.)
- General Electric Company. (See Guedon, Emile C., assignor.)
- General Electric Company. (See Gunther, Clarence A., assignor.)
- General Electric Company. (See Gunther, C. A., and Brokaw, assignors.)
- General Electric Company. (See Guy, Henry L., assignor.)
- General Electric Company. (See Hackett, Harold N., assignor.)
- General Electric Company. (See Haigh, Hezekiah, assignor.)
- General Electric Company. (See Hall, Chester I., assignor.)
- General Electric Company. (See Halstead, George W., jr., assignor.)
- General Electric Company. (See Hamm, Clarence L., assignor.)
- General Electric Company. (See Hammond, John H., jr., assignor.)
- General Electric Company. (See Hammond, J. H., jr., and Alexanderson, assignor.)
- General Electric Company. (See Handel, Paul W., assignor.)
- General Electric Company. (See Hardy, Arthur C., assignor.)
- General Electric Company. (See Harries, Wolfgang, assignor.)
- General Electric Company. (See Harrington, Elliott D., assignor.)
- General Electric Company. (See Harty, Edgar A., assignor.)
- General Electric Company. (See Hasenpatt, Wolfgang, assignor.)
- General Electric Company. (See Hatay, Charles, assignor.)
- General Electric Company. (See Hathaway, Claude M., assignor.)
- General Electric Company. (See Haven, Edward G., assignor.)
- General Electric Company. (See Hays, David, assignor.)
- General Electric Company. (See Hazeltine, Louis A., assignor.)
- General Electric Company. (See Heine, A., and Dustmann, assignors.)
- General Electric Company. (See Heinz, Winfield B., assignor.)
- General Electric Company. (See Heisler, Charles L., assignor.)
- General Electric Company. (See Hendry, Johnson F., assignor.)
- General Electric Company. (See Henshaw, Marshall D., assignor.)
- General Electric Company. (See Hermann, Peter C., assignor.)
- General Electric Company. (See Heter, Wylie, assignor.)
- General Electric Company. (See Hewlett, Clarence W., assignor.)
- General Electric Company. (See Hewlett, E. M., and Willard, assignors.)
- General Electric Company. (See Heyl, Armin, assignor.)
- General Electric Company. (See Hilgers, Nino, assignor.)
- General Electric Company. (See Hill, Charles H., assignor.)
- General Electric Company. (See Hill, C. H., and Swerdlow, assignors.)
- General Electric Company. (See Hilliard, John D., assignor.)
- General Electric Company. (See Hillner, Rudolph, assignor.)
- General Electric Company. (See Hoare, Stephen C., assignor.)
- General Electric Company. (See Hobart, H. M., Stebbins, and Gettelman, assignors.)
- General Electric Company. (See Hoffman, Bruno, assignor.)
- General Electric Company. (See Hoffmann, Daniel C., assignor.)
- General Electric Company. (See Hofmann, Walter, assignor.)
- General Electric Company. (See Holst, Gilles, assignor.)
- General Electric Company. (See Hönig, Martin, assignor.)
- General Electric Company. (See Hooper, I. F., Nieder-gesass, and Devers, assignors.)
- General Electric Company. (See Höpp, Wilhelm, assignor.)
- General Electric Company. (See Horowitz, Eugen, assignor.)
- General Electric Company. (See Hovey, Almon G., assignor.)
- General Electric Company. (See Howe, Goodwin H., assignor.)
- General Electric Company. (See Howell, Fred B., assignor.)
- General Electric Company. (See Hoyt, Samuel L., assignor.)
- General Electric Company. (See Huber, Herman J., assignor.)
- General Electric Company. (See Huber, Herman J. H., assignor.)
- General Electric Company. (See Hull, Albert W., assignor.)
- General Electric Company. (See Hull, A. W., and Ruggles, assignors.)
- General Electric Company. (See Hull, Clifford O., assignor.)
- General Electric Company. (See Hull, John I., assignor.)
- General Electric Company. (See Huston, Claude B., assignor.)
- General Electric Company. (See Hutt, Leonard P., assignor.)
- General Electric Company. (See Illingworth, George, assignor.)
- General Electric Company. (See Inman, Fred H., assignor.)
- General Electric Company. (See Jackson, E. H., and Cameron, assignors.)
- General Electric Company. (See Janisch, Leopold, assignor.)
- General Electric Company. (See Jensen, Jens M., assignor.)
- General Electric Company. (See Johnson, Wilfrid E., assignor.)
- General Electric Company. (See Johnston, Arthur J., assignor.)
- General Electric Company. (See Johnston, Philip J., assignor.)
- General Electric Company. (See Jones, Benjamin W., assignor.)
- General Electric Company. (See Jublin, Gustaf A., assignor.)
- General Electric Company. (See Junggren, Oscar, assignor.)
- General Electric Company. (See Junp, George H., assignor.)
- General Electric Company. (See Kaar, Ira J., assignor.)
- General Electric Company. (See Kannengiesser, Paul, assignor.)
- General Electric Company. (See Kassick, William J., assignor.)
- General Electric Company. (See Kearsley, William K., assignor.)
- General Electric Company. (See Kelley, Floyd C., assignor.)
- General Electric Company. (See Kellogg, Edward W., assignor.)
- General Electric Company. (See Kempton, Leslie A., assignor.)
- General Electric Company. (See Kendall, James M., assignor.)
- General Electric Company. (See Kennedy, Luke F., assignor.)
- General Electric Company. (See Kerr, Thomas, assignor.)
- General Electric Company. (See Kienle, Roy H., assignor.)
- General Electric Company. (See Kienle, R. H., and Rohlf, assignors.)
- General Electric Company. (See Kienle, R. H., and Scheiber, assignors.)
- General Electric Company. (See Kieser, Walter, assignor.)
- General Electric Company. (See King, Ralph E., assignor.)
- General Electric Company. (See Kirch, Ernst, assignor.)
- General Electric Company. (See Kissing, Friedrich, assignor.)
- General Electric Company. (See Kissing, F., and Hösel, assignors.)
- General Electric Company. (See Kissing, F., and Maas, assignors.)
- General Electric Company. (See Klinkhamer, Hendrik A. W., assignor.)
- General Electric Company. (See Kluge, Werner, assignor.)
- General Electric Company. (See Knight, James L., assignor.)

General Electric Company. (See Kobayashi, Keishiro, assignor.)
 General Electric Company. (See Krämer, Christian, assignor.)
 General Electric Company. (See Kubach, William L., assignor.)
 General Electric Company. (See Lacey, Harry A., assignor.)
 General Electric Company. (See Langmuir, Irving, assignor.)
 General Electric Company. (See La Pierre, Cramer W., assignor.)
 General Electric Company. (See La Roque, Harold B., assignor.)
 General Electric Company. (See Lauster, Franz, assignor.)
 General Electric Company. (See Ledig, W., Müller, and Breunig, assignors.)
 General Electric Company. (See Lems, Hendrik, assignor.)
 General Electric Company. (See Lennox, John S., assignor.)
 General Electric Company. (See Lessmann, Gottfried, assignor.)
 General Electric Company. (See Le Sur, Pierre, assignor.)
 General Electric Company. (See Lieberum, George W., assignor.)
 General Electric Company. (See Lind, Valentin, assignor.)
 General Electric Company. (See Lines, Henry E., assignor.)
 General Electric Company. (See Livingston, Orrin W., assignor.)
 General Electric Company. (See Loomis, Fred J., assignor.)
 General Electric Company. (See Lord, Harold W., assignor.)
 General Electric Company. (See Lucas, George S. C., assignor.)
 General Electric Company. (See Lum, Walter O., assignor.)
 General Electric Company. (See Lyman, Harold T., jr., assignor.)
 General Electric Company. (See Lynn, Lambert H., assignor.)
 General Electric Company. (See Lyon, C. L., and Jagger, assignors.)
 General Electric Company. (See Macchi, Aldo, assignor.)
 General Electric Company. (See MacGregor, Alexander S., assignor.)
 General Electric Company. (See MacRae, Mungo L., assignor.)
 General Electric Company. (See Mallett, Montville B., assignor.)
 General Electric Company. (See Marcellus, Fredrick S., assignor.)
 General Electric Company. (See Marcellus, F. S., and Rusher, assignors.)
 General Electric Company. (See Mayer, E., and Brüche, assignors.)
 General Electric Company. (See McArthur, Elmer D., assignor.)
 General Electric Company. (See McDavitt, Carlisle N., assignor.)
 General Electric Company. (See McEachron, K. B., and Wade, assignors.)
 General Electric Company. (See McLenegan, David W., assignor.)
 General Electric Company. (See McNeil, Roderick S., assignor.)
 General Electric Company. (See Mechau, Emil, assignor.)
 General Electric Company. (See Mendel, Joseph A., assignor.)
 General Electric Company. (See Merriam, Ezra B., assignor.)
 General Electric Company. (See Merrill, Lynn L., assignor.)
 General Electric Company. (See Mershon, A. V., and Waite, jr., assignors.)
 General Electric Company. (See Mey, Karl, assignor.)
 General Electric Company. (See Mickey, B. D., and Jones, assignors.)
 General Electric Company. (See Mikeska, Peter L., assignor.)
 General Electric Company. (See Miller, Harry E., assignor.)
 General Electric Company. (See Miller, Phillips, assignor.)
 General Electric Company. (See Mills, Bruce M., assignor.)
 General Electric Company. (See Mischler, William N., assignor.)
 General Electric Company. (See Mittag, Albert H., assignor.)
 General Electric Company. (See Miyamoto, Shigenari, assignor.)
 General Electric Company. (See Moore, Daniel M., assignor.)
 General Electric Company. (See Morack, Marvin M., assignor.)
 General Electric Company. (See Morrill, Wayne J., assignor.)
 General Electric Company. (See Morrill, W. J., and Pringle, assignors.)

General Electric Company. (See Morrill, Weston, assignor.)
 General Electric Company. (See Morse, Harold F., assignor.)
 General Electric Company. (See Murphy, George F., assignor.)
 General Electric Company. (See Nagashev, Boris V., assignor.)
 General Electric Company. (See Narath, Albert, assignor.)
 General Electric Company. (See Navias, Louis, assignor.)
 General Electric Company. (See Newman, Delbert F., assignor.)
 General Electric Company. (See Newton, Edward G., assignor.)
 General Electric Company. (See Nickle, Clifford A., assignor.)
 General Electric Company. (See Nixdorff, Samuel P., assignor.)
 General Electric Company. (See Nixdorff, S. P., and Alexander, assignors.)
 General Electric Company. (See Noble, Paul O., assignor.)
 General Electric Company. (See Nolte, Henry J., assignor.)
 General Electric Company. (See Nordlander, Birger W., assignor.)
 General Electric Company. (See Oebermuth, Werner, assignor.)
 General Electric Company. (See Oliver, James H., assignor.)
 General Electric Company. (See O'Neill, James A., assignor.)
 General Electric Company. (See Orr, Clark, assignor.)
 General Electric Company. (See Osenberg, Carl, assignor.)
 General Electric Company. (See Otis, Albert N., assignor.)
 General Electric Company. (See Otto, J., and Rietsch, assignors.)
 General Electric Company. (See Palmer, Harry L., assignor.)
 General Electric Company. (See Palmer, Robert, assignor.)
 General Electric Company. (See Paschkis, Victor, assignor.)
 General Electric Company. (See Patterson, Franklin G., assignor.)
 General Electric Company. (See Paul, William E., assignor.)
 General Electric Company. (See Pawlek, Franz, assignor.)
 General Electric Company. (See Paxton, R., and Hill, assignors.)
 General Electric Company. (See Perry, Charles L., assignor.)
 General Electric Company. (See Perry, Leo H., assignor.)
 General Electric Company. (See Persson, Otto F., assignor.)
 General Electric Company. (See Peterson, Charles F., assignor.)
 General Electric Company. (See Pfaffenberger, Joachim, assignor.)
 General Electric Company. (See Pfannkuch, Wilhelm, assignor.)
 General Electric Company. (See Pickard, Greenleaf W., assignor.)
 General Electric Company. (See Piercy, Carl A., assignor.)
 General Electric Company. (See Pike, Frances W., assignor.)
 General Electric Company. (See Pike, Otis W., assignor.)
 General Electric Company. (See Pipkin, Marvin, assignor.)
 General Electric Company. (See Pirani, Marcello, assignor.)
 General Electric Company. (See Pirani, M., Ewest, and Gaidies, assignors.)
 General Electric Company. (See Pirani, M., Ewest, and Reger, assignors.)
 General Electric Company. (See Pirani, M., and Reger, assignors.)
 General Electric Company. (See Platzer, George E., assignor.)
 General Electric Company. (See Pollard, E. V., and Somes, assignors.)
 General Electric Company. (See Ponlatoff, Alexander M., assignor.)
 General Electric Company. (See Powers, James H., assignor.)
 General Electric Company. (See Pratt, William H., assignor.)
 General Electric Company. (See Price, David R., assignor.)
 General Electric Company. (See Priess, William H., assignor.)
 General Electric Company. (See Prince, David C., assignor.)
 General Electric Company. (See Prince, D. C., and Wellman, assignors.)
 General Electric Company. (See Proctor, John A., assignor.)
 General Electric Company. (See Quesseque, Jean, assignor.)
 General Electric Company. (See Rainbault, John P., assignor.)

General Electric Company. (See Ramsay, Henry T., assignor.)
 General Electric Company. (See Rankin, William K., assignor.)
 General Electric Company. (See Ratkovszky, Ferencz, assignor.)
 General Electric Company. (See Raynolds, D. W., and Schwarzhaupt, assignors.)
 General Electric Company. (See Read, John C., assignor.)
 General Electric Company. (See Reed, Walter C., assignor.)
 General Electric Company. (See Reger, Martin, assignor.)
 General Electric Company. (See Renner, Alfred, assignor.)
 General Electric Company. (See Renner, A., and Dalber, assignors.)
 General Electric Company. (See Rhea, Thomas R., assignor.)
 General Electric Company. (See Rhea, T. R., and Snyder, assignors.)
 General Electric Company. (See Rice, Chester W., assignor.)
 General Electric Company. (See Rice, C. W., and Kellogg, assignors.)
 General Electric Company. (See Rich, Theodore A., assignor.)
 General Electric Company. (See Richardson, Henry M., assignor.)
 General Electric Company. (See Richardson, H. M., and Mansur, assignors.)
 General Electric Company. (See Rietsch, Eberhard, assignor.)
 General Electric Company. (See Rives, Frank M., assignor.)
 General Electric Company. (See Roberts, Frederic M., assignor.)
 General Electric Company. (See Robinson, Lewis T., assignor.)
 General Electric Company. (See Roder, Hans, assignor.)
 General Electric Company. (See Rohlf, Harry C., assignor.)
 General Electric Company. (See Rosenbaum, Hugo, assignor.)
 General Electric Company. (See Ross, Aubrey A., assignor.)
 General Electric Company. (See Rowell, Ralph M., assignor.)
 General Electric Company. (See Rupp, Emil, assignor.)
 General Electric Company. (See Sabbah, Camil A., assignor.)
 General Electric Company. (See Sabbah, C. A., and Morack, assignors.)
 General Electric Company. (See St. Clair, Byron W., assignor.)
 General Electric Company. (See St. Clair, B. W., and Quinn, assignors.)
 General Electric Company. (See Saint-Germain, Jacques, assignor.)
 General Electric Company. (See St. Palley, Zoltan O., assignor.)
 General Electric Company. (See Sablesen, Robert F., assignor.)
 General Electric Company. (See Sams, J. A., and Shaw, assignors.)
 General Electric Company. (See Sandelowsky, Sally, assignor.)
 General Electric Company. (See Schaefer, Edward J., assignor.)
 General Electric Company. (See Schieleber, C., and Weiss, assignors.)
 General Electric Company. (See Schlingman, Paul F., assignor.)
 General Electric Company. (See Schmidt, August, Jr., assignor.)
 General Electric Company. (See Schmidt, Oskar, assignor.)
 General Electric Company. (See Schneider, Karl, assignor.)
 General Electric Company. (See Schouwstra, Pieter, assignor.)
 General Electric Company. (See Schumann, Hans, assignor.)
 General Electric Company. (See Schwabacher, Gerhard P., assignor.)
 General Electric Company. (See Schwartz, Emil W., assignor.)
 General Electric Company. (See Schwentker, Fred F., assignor.)
 General Electric Company. (See Seede, John A., assignor.)
 General Electric Company. (See Seeley, Harold T., assignor.)
 General Electric Company. (See Segar, Harry D., assignor.)
 General Electric Company. (See Selz, Walter, assignor.)
 General Electric Company. (See Setter, Joseph A., assignor.)
 General Electric Company. (See Severin, Carl, assignor.)
 General Electric Company. (See Shanklin, George B., assignor.)
 General Electric Company. (See Shaw, Percy G., assignor.)
 General Electric Company. (See Shaw, Virgil F., assignor.)

General Electric Company. (See Shiraishi, Yuichiro, assignor.)
 General Electric Company. (See Shoults, David R., assignor.)
 General Electric Company. (See Simon, Hellmut, assignor.)
 General Electric Company. (See Simon, H., and Bingel, assignors.)
 General Electric Company. (See Simonds, Dewey T., assignor.)
 General Electric Company. (See Singer, Hanns, assignor.)
 General Electric Company. (See Sittner, George H., assignor.)
 General Electric Company. (See Skaupy, F., Ewest, and Pulfrich, assignors.)
 General Electric Company. (See Smith, Arthur R., assignor.)
 General Electric Company. (See Smith, E. A., and Deery, assignors.)
 General Electric Company. (See Snyder, W. B., and Chambers, assignors.)
 General Electric Company. (See Spurgeon, Samuel J., assignor.)
 General Electric Company. (See Standerwick, Reginald G., assignor.)
 General Electric Company. (See Starie, George B., assignor.)
 General Electric Company. (See Steenstrup, Christian, assignor.)
 General Electric Company. (See Stein, Herbert, assignor.)
 General Electric Company. (See Stephens, H. O., and Kierstead, assignors.)
 General Electric Company. (See Stephenson, Hugh M., assignor.)
 General Electric Company. (See Stevenson, Alexander R., Jr., assignor.)
 General Electric Company. (See Stewart, Clyde E., assignor.)
 General Electric Company. (See Stöhr, Max, assignor.)
 General Electric Company. (See Stone, Charles W., assignor.)
 General Electric Company. (See Stone, Leland F., assignor.)
 General Electric Company. (See Stratton, Jerry L., assignor.)
 General Electric Company. (See Suits, Chauncey G., assignor.)
 General Electric Company. (See Suits, C. G., and Hull, assignors.)
 General Electric Company. (See Suksdorf, Alfred, assignor.)
 General Electric Company. (See Swanson, Ernest G., assignor.)
 General Electric Company. (See Swisher, Thomas H., assignor.)
 General Electric Company. (See Sykes, Wesley P., assignor.)
 General Electric Company. (See Taylor, George F., assignor.)
 General Electric Company. (See Taylor, Robert B., assignor.)
 General Electric Company. (See Taylor, William G., assignor.)
 General Electric Company. (See Tear, James D., assignor.)
 General Electric Company. (See Tengström, Hans, assignor.)
 General Electric Company. (See Thomas, Ralph B., assignor.)
 General Electric Company. (See Thompson, L. B., and Chapman, assignors.)
 General Electric Company. (See Thompson, Louis W., assignor.)
 General Electric Company. (See Thompson, L. W., and Zucker, assignors.)
 General Electric Company. (See Thomson, Elihu, assignor.)
 General Electric Company. (See Thomson, Hugh E., assignor.)
 General Electric Company. (See Thumim, Carl, assignor.)
 General Electric Company. (See Tobey, H. W., and May, assignors.)
 General Electric Company. (See Tonks, Lewi, assignor.)
 General Electric Company. (See Towne, Harold M., assignor.)
 General Electric Company. (See Traver, Oliver C., assignor.)
 General Electric Company. (See Tripp, Augustus B., assignor.)
 General Electric Company. (See Tröger, Richard, assignor.)
 General Electric Company. (See Turner, Harry W., assignor.)
 General Electric Company. (See Turnpenny, W., and Skeats, assignors.)
 General Electric Company. (See Twiss, Paul E., assignor.)
 General Electric Company. (See Uebermuth, Werner, assignor.)
 General Electric Company. (See Umansky, L. A., and Huston, assignors.)
 General Electric Company. (See Ungelenk, A., and Hoffman, assignors.)

- General Electric Company. (See Unger, Magnus, assignor.)
- General Electric Company. (See Uschman, C. W., and Hartman, assignors.)
- General Electric Company. (See Valentine, Irving R., assignor.)
- General Electric Company. (See Van Amburg, Otto H., assignor.)
- General Electric Company. (See Van Billiard, Lewis H., assignor.)
- General Electric Company. (See Vance, Donald H., assignor.)
- General Electric Company. (See van der Pael, Johannes M., assignor.)
- General Electric Company. (See Van Liempt, Johannes A. M., assignor.)
- General Electric Company. (See Van Liempt, J. A. M., and Geiss, assignors.)
- General Electric Company. (See Van Nordstrand, Robert D., assignor.)
- General Electric Company. (See Verrall, Victor E., assignor.)
- General Electric Company. (See Vienneau, Jacob J., assignor.)
- General Electric Company. (See Vogdes, Francis B., assignor.)
- General Electric Company. (See Wade, Raymond B., assignor.)
- General Electric Company. (See Walle, Ludwig S., assignor.)
- General Electric Company. (See Warneke, Roman C., assignor.)
- General Electric Company. (See Warner, Donald F., assignor.)
- General Electric Company. (See Warner, D. F., and Polard, assignors.)
- General Electric Company. (See Warner, Herbert T.)
- General Electric Company. (See Warner, Russell A., assignor.)
- General Electric Company. (See Warren, H. W. H., Newbound, and Ward, assignors.)
- General Electric Company. (See Warrington, Albert R. van C., assignor.)
- General Electric Company. (See Watson, George O., assignor.)
- General Electric Company. (See Watson, Harold L., assignor.)
- General Electric Company. (See Watts, Noble H., assignor.)
- General Electric Company. (See Wayringer, Henry A., assignor.)
- General Electric Company. (See Weaver, Caius E., assignor.)
- General Electric Company. (See Weaver, William E., assignor.)
- General Electric Company. (See Webb, Lewis W., assignor.)
- General Electric Company. (See Weber, Louis J., assignor.)
- General Electric Company. (See Weiler, Wilhelm, assignor.)
- General Electric Company. (See Wellings, J. G., Mayo, and Mathews, assignors.)
- General Electric Company. (See Wellman, B., and Prince, assignors.)
- General Electric Company. (See West, Harry R., assignor.)
- General Electric Company. (See Westendorp, Willem F., assignor.)
- General Electric Company. (See Whitaker, Frank P., assignor.)
- General Electric Company. (See Whiting, Max A., assignor.)
- General Electric Company. (See Whitlow, G. S., and Seeley, assignors.)
- General Electric Company. (See Whitney, C. F., assignor.)
- General Electric Company. (See Widerøe, Rolf, assignor.)
- General Electric Company. (See Wiegand, Erich, assignor.)
- General Electric Company. (See Wiegand, K., and Bratel, assignors.)
- General Electric Company. (See Wiegand, K., and Habel, assignors.)
- General Electric Company. (See Willard, Waldo W., assignor.)
- General Electric Company. (See Willis, Clodius, assignor.)
- General Electric Company. (See Willis, Clodius H., assignor.)
- General Electric Company. (See Willis, Clodius R., assignor.)
- General Electric Company. (See Willis, C. H., and Lampson, assignors.)
- General Electric Company. (See Willis, C. H., and Stone, assignors.)
- General Electric Company. (See Winter, Fred H., assignor.)
- General Electric Company. (See Wolfe, Richard R., assignor.)
- General Electric Company. (See Woodruff, Henry S., assignor.)
- General Electric Company. (See Woods, William J., assignor.)
- General Electric Company. (See Woodward, James S., assignor.)
- General Electric Company. (See Woodworth, John L., assignor.)
- General Electric Company. (See Wright, Daniel K., assignor.)
- General Electric Company. (See Wry, Thomas A., assignor.)
- General Electric Company. (See Wünsche, Otto, assignor.)
- General Electric Company. (See Zecher, Gustav, assignor.)
- General Electric Company. (See Zecher, G., and Bruijnes, assignors.)
- General Electric Company. (See Zecher, G., and Mellema, assignor.)
- General Electric Company. (See Zimmer, Ford C., assignor.)
- General Electric Company Limited, The. (See Campbell, Norman R., assignor.)
- General Electric Company Limited, The. (See Coates, Herbert J., assignor.)
- General Electric Company Limited. (See Gardiner, H. W. B., and Jackson, assignors.)
- General Electric Vapor Lamp Company. (See Buttolph, Leroy J., assignor.)
- General Electric Vapor Lamp Company. (See Forney, John D., assignor.)
- General Electric Vapor Lamp Company. (See Foulke, Ted E., assignor.)
- General Electric Vapor Lamp Company. (See Kenty, Carl E., assignor.)
- General Electric Vapor Lamp Company. (See Mailey, Roy D., assignor.)
- General Electric Vapor Lamp Company. (See Millar, George A., assignor.)
- General Electric Vapor Lamp Company. (See Moehler, Otto J., assignor.)
- General Electric Vapor Lamp Company. (See Walker, Warren R., assignor.)
- General Electric Vapor Lamp Company. (See Walker, W. R., and Moos, assignor.)
- General Electric X-Ray Corporation. (See Call, Lloyd L., assignor.)
- General Electric X-Ray Corporation. (See Page, Everett W., assignor.)
- General Electric X-Ray Corporation. (See Pambrun, Leopold B., assignor.)
- General Electric X-Ray Corporation. (See Wantz, Julius B., assignor.)
- General Engineering Company. (See Durant, H. T., Sulman, and Picard, assignors.)
- General Engineering Company et al. (See Heinz, George J., assignor.)
- General Engineering Company. (See Lange, Lawrence H., assignor.)
- General Engineering Company, The. (See Sulman, H. L., and Picard, assignors.)
- General Fire Extinguisher Company. (See Barclay, Sidney F., assignor.)
- General Fire Extinguisher Company. (See Carraway, Thomas W., assignor.)
- General Fire Extinguisher Company. (See Haupt, Karl W., assignor.)
- General Fire Extinguisher Company. (See Loepsinger, Albert, assignor.)
- General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
- General Fireproofing Company, The. (See Brainard, George C., assignor.)
- General Fireproofing Company, The. (See Brainard, Harold A., assignor.)
- General Fireproofing Company, The. (See Powell, Dwight, assignor.)
- General Fireproofing Company, The. (See Purnell, Edward A., assignor.)
- General Foods Corporation. (See Sherrill, Leicester H., assignor.)
- General Fuel Briquette Corporation, The. (See Zwoyer, Ellsworth B. A., assignor.)
- General Glass Corporation. (See Van Winkle, Wynn, assignor.)
- General Health Corporation. (See Brown, Franklin, assignor.)
- General Ice Scoring Machine Company. (See Roark, Robert H., assignor.)
- General Industries Company, The. (See Bonsieur, Le, assignor.)
- General Industries Company, The. (See van der Woude, Fritz, assignor.)
- General Instrument Corporation. (See Cohen, Samuel, assignor.)
- General Instrument Corporation. (See Tompkins, Emerson H., assignor.)
- General Insulating & Manufacturing Company. (See Mottweiler, Oliver F., assignor.)
- General Insulating and Manufacturing Company. (See Mottweiler, O. F., and Richardson, assignors.)
- General Kontrolar Company. (See Bossard, Gisbert L., assignor.)
- General Machinery Company. (See Sutton, G. C., and Witschge, assignors.)
- General Machinery Corporation. (See Byerlein, Arthur A., assignor.)

- General Manufacturing Co. (See Shierk, Dearell D., assignor.)
- General Motors Corporation. (See Anibal, Benjamin H., assignor.)
- General Motors Corporation. (See Bell, Frank H., assignor.)
- General Motors Corporation. (See Blackmore, Lloyd, assignor.)
- General Motors Corporation. (See Bower, Ferdinand A., assignor.)
- General Motors Corporation. (See Brittain, Richard J., jr., assignor.)
- General Motors Corporation. (See Brittain, R. J., jr., and Young, assignors.)
- General Motors Corporation. (See Brittain, R. J., jr., and Young, assignors.)
- General Motors Corporation. (See Brooke, Arthur O., assignor.)
- General Motors Corporation. (See Brump, Herbert L., assignor.)
- General Motors Corporation. (See Burkhardt, Otto, assignor.)
- General Motors Corporation. (See Cataline, Benton, assignor.)
- General Motors Corporation. (See Chapman, William H., assignor.)
- General Motors Corporation. (See Clark, Theodore, E., assignor.)
- General Motors Corporation. (See Crawford, James M., assignor.)
- General Motors Corporation. (See Doane, Harry C., assignor.)
- General Motors Corporation. (See Farrell, Archie W., assignor.)
- General Motors Corporation. (See Fassler, Peter W., assignor.)
- General Motors Corporation. (See Forbes, Kingston, assignor.)
- General Motors Corporation. (See Fowler, Leonard E., assignor.)
- General Motors Corporation. (See Frehse, Albert W., assignor.)
- General Motors Corporation. (See Gibbons, Harold R., assignor.)
- General Motors Corporation. (See Gundry, Eldon P., assignor.)
- General Motors Corporation. (See Harris, Arthur W., assignor.)
- General Motors Corporation. (See Harris, Floyd E., assignor.)
- General Motors Corporation. (See Humer, Frank, assignor.)
- General Motors Corporation. (See Hunt, John H., assignor.)
- General Motors Corporation. (See Hutchinson, Philip H., assignor.)
- General Motors Corporation. (See Hutchinson, P. H., and Klopak, assignors.)
- General Motors Corporation. (See Hutchinson, Roland V., assignor.)
- General Motors Corporation. (See Jansson, Axel J., assignor.)
- General Motors Corporation. (See Johnston, Leroy O., assignor.)
- General Motors Corporation. (See Keller, Harry L., assignor.)
- General Motors Corporation. (See Kessler, Williamson D., assignor.)
- General Motors Corporation. (See Lampman, George W., assignor.)
- General Motors Corporation. (See Landers, Charles, assignor.)
- General Motors Corporation. (See Larzelere, Benton, assignor.)
- General Motors Corporation. (See Leach, Albert E., assignor.)
- General Motors Corporation. (See Leet, Archie W., assignor.)
- General Motors Corporation. (See Lenz, A., and Adams, assignors.)
- General Motors Corporation. (See Lindblom, Carl A., assignor.)
- General Motors Corporation. (See Manning, William H., assignor.)
- General Motors Corporation. (See McCuen, Charles L., assignor.)
- General Motors Corporation. (See Nacker, Owen M., assignor.)
- General Motors Corporation. (See O'Brien, Frank, assignor.)
- General Motors Corporation. (See Phillips, William M., assignor.)
- General Motors Corporation. (See Platt, Harry A., assignor.)
- General Motors Corporation. (See Rehbeln, Conrad, assignor.)
- General Motors Corporation. (See Schwarze, Herman, assignor.)
- General Motors Corporation. (See Seaholm, E. W., and Parker, assignors.)
- General Motors Corporation. (See Simpson, Thomas A., assignor.)
- General Motors Corporation. (See Stephens, Frederick R., assignor.)
- General Motors Corporation. (See Sterling, Claude H., assignor.)
- General Motors Corporation. (See Stolte, Richard C., assignor.)
- General Motors Corporation. (See Stone, Donald D., assignor.)
- General Motors Corporation. (See Summers, Caleb E., assignor.)
- General Motors Corporation. (See Summers, C. E., and Lampman, assignors.)
- General Motors Corporation. (See Tenney, Perry L., assignor.)
- General Motors Corporation. (See Thomson, Bernard, assignor.)
- General Motors Corporation. (See Tormyn, H., and Wiethoff, assignors.)
- General Motors Corporation. (See Townsend, Roy B., assignor.)
- General Motors Corporation. (See Vargha, Andrew L., assignor.)
- General Motors Corporation. (See Warren, E. F., and Schwarze, assignors.)
- General Motors Corporation. (See Westcott, Frank, assignor.)
- General Motors Corporation. (See Williams, Charles E., assignor.)
- General Motors Corporation. (See Wilson, Austin B., assignor.)
- General Motors Corporation. (See Young, Otto W., assignor.)
- General Motors Radio Corporation. (See Brewer, Francis T., assignor.)
- General Motors Radio Corporation. (See Brump, H. L. and Frederick O. and F. E. Gray, assignors.)
- General Motors Radio Corporation. (See Dybrig, Henry G., assignor.)
- General Motors Radio Corporation. (See Forbes, Henry C., assignor.)
- General Motors Radio Corporation. (See Gaubert, John Q., assignor.)
- General Motors Radio Corporation. (See Gaubert, J. Q., Brump, and Forsythe, assignors.)
- General Motors Radio Corporation. (See Haben, Warner M., assignor.)
- General Motors Research Corporation. (See Almen, John O., assignor.)
- General Motors Research Corporation. (See Berry, George P., assignor.)
- General Motors Research Corporation. (See Chase, Theron P., assignor.)
- General Motors Research Corporation. (See Dickson, John B., assignor.)
- General Motors Research Corporation. (See Falge, Robert N., assignor.)
- General Motors Research Corporation. (See Falge, R. N., and Godley, assignors.)
- General Motors Research Corporation. (See Godley, Charles E., assignor.)
- General Motors Research Corporation. (See Hallett, George E. A., assignor.)
- General Motors Research Corporation. (See Hallett, G. E. A., and Shutts, assignors.)
- General Motors Research Corporation. (See Lovell, W. G., and Boyd, assignors.)
- General Motors Research Corporation. (See Martin, Edward J., assignor.)
- General Motors Research Corporation. (See McClintic, James F., assignor.)
- General Motors Research Corporation. (See Mougey, Harry C., assignor.)
- General Motors Research Corporation. (See Pierce, Earl R., assignor.)
- General Motors Research Corporation. (See Ramsaur, W. R., and Chase, assignors.)
- General Motors Research Corporation. (See Shoemaker, Nelson E., assignor.)
- General Motors Research Corporation. (See Short, Charles R., assignor.)
- General Motors Research Corporation. (See Summers, Caleb E., assignor.)
- General Motors Research Corporation. (See Van Degrieff, T. C., and Tyler, assignors.)
- General Motors Research Corporation. (See Wilson, Ernest E., assignor.)
- General Motors Research Corporation. (See Wittlinger, Leonard M., assignor.)
- General Motors Research Corporation. (See Wolf, Harry R., assignor.)
- General Motors Research Corporation. (See Woolman, Fred G., assignor.)
- General Motors Research Corporation. (See Woolman, Nelson E., assignor.)
- General Optical Company. (See Clement, Hans, assignor.)
- General Paint Corporation. (See Jansen, Emile, assignor.)
- General Plastics, Inc. (See Dent, Harry M., assignor.)
- General Plastics, Inc. (See Sontag, Lothar, assignor.)
- General Plate Company. (See Payette, Joseph A., assignor.)
- General Plate Company. (See Ross, Oscar A., assignor.)
- General Plate Company. (See Spencer, John A., assignor.)
- General Pressed Steel Company, The. (See French, John W., assignor.)
- General Printing Ink Corporation. (See Ogden, Ashley, G., assignor.)

General Radio Company. (See Eastham, Melville, assignor.)
 General Radio Company. (See Horton, Joseph W., assignor.)
 General Radio Company. (See Lamson, Horatio W., assignor.)
 General Railway Signal Company. (See Bushnell, Charles S., assignor.)
 General Railway Signal Company. (See Bushnell, C. S., and Branson, assignors.)
 General Railway Signal Company. (See Day, Salisbury M., assignor.)
 General Railway Signal Company. (See Fairbanks, Edwin B., assignor.)
 General Railway Signal Company. (See Field, Oscar S., assignor.)
 General Railway Signal Company. (See Hailes, William D., assignor.)
 General Railway Signal Company. (See Hailes, W. D., and Hoppe, assignors.)
 General Railway Signal Company. (See Henry, William S., assignor.)
 General Railway Signal Company. (See Hoppe, Walter H., assignor.)
 General Railway Signal Company. (See Howe, Winthrop K., assignor.)
 General Railway Signal Company. (See Leake, Richard C., assignor.)
 General Railway Signal Company. (See Merkel, Joseph F., assignor.)
 General Railway Signal Company. (See Moore, Edmund W., assignor.)
 General Railway Signal Company. (See Morgan, Wesley V., assignor.)
 General Railway Signal Company. (See Peabody, James A., assignor.)
 General Railway Signal Company. (See Phinney, Robert M., assignor.)
 General Railway Signal Company. (See Taylor, Herbert B., assignor.)
 General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
 General Railway Signal Company. (See Wight, S. N., and Merkel, assignors.)
 General Railway Signal Company. (See Willing, Joseph E., assignor.)
 General Reduction Corporation. (See Smith, William H., assignor.)
 General Refractories Company. (See Heuer, Russell P., assignor.)
 General Register Corporation. (See Helsel, Reuben H., assignor.)
 General Research Corporation. (See Lotts, Delbert L., assignor.)
 General Rubber Company. (See Teague, Merwyn C., assignor.)
 General Salt Company. (See Cottrell, Frederick G., assignor.)
 General Scientific Corporation. (See Miesse, Richard E., assignor.)
 General Sheet Metal Works, Inc. (See Anderson, John W., assignor.)
 General Spring Bumper Corporation. (See Douth, Owen, assignor.)
 General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
 General Spring Bumper Corporation. (See Jandus, H. S., and Brooke, assignors.)
 General Spring Bumper Corporation. (See Moss, H. P., assignor.)
 General Spring Bumper Corporation. (See Pinner, Walter L., assignor.)
 General Spring Bumper Corporation. (See Short, Bladen M., assignor.)
 General Spring Corporation. (See Wood, Joseph K., assignor.)
 General Steel Castings Corporation. (See Bevard, Lawrence H., assignor.)
 General Steel Castings Corporation. (See Frede, C. F., and Howard, assignors.)
 General Steel Castings Corporation. (See Gilpin, G. G., and Small, assignors.)
 General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
 General Steel Castings Corporation. (See Howard, Karl S., assignor.)
 General Steel Castings Corporation. (See Le Gare, Arthur E., assignor.)
 General Steel Castings Corporation. (See Lentz, W. L., and Pfleger, assignors.)
 General Steel Castings Corporation. (See Lentz, W. L., and Sheehan, assignors.)
 General Steel Castings Corporation. (See Meyer, William H., assignor.)
 General Steel Castings Corporation. (See Pfleger, Harry M., assignor.)
 General Steel Castings Corporation. (See Pfleger, H. M., and Sheehan, assignors.)
 General Steel Castings Corporation. (See Sheehan, W. M., and McGilvray, assignors.)
 General Steel Castings Corporation. (See Walcher, Alfred, assignor.)
 General Steel Castings Corporation. (See Wintemberg, A. C., and Ainsworth, assignors.)

General Steel Castings Corporation. (See Zach, Julius J., assignor.)
 General Supply Company. (See Steck, Fred H., assignor.)
 General Talking Pictures Corporation. (See Barkey, Isaac H., assignor.)
 General Talking Pictures Corporation. (See De Forest, Lee, assignor.)
 General Talking Pictures Corporation. (See Eberling, Charles W., assignor.)
 General Talking Pictures Corporation. (See Moore, David P., assignor.)
 General Talking Pictures Corporation. (See Seabolt, Charles H., assignor.)
 General Theatres Equipment, Inc. (See Cloud, Raymond T., assignor.)
 General Timber Service, Inc. (See MacKenzie, Neal T., assignor.)
 General Timber Service, Inc. (See Payzant, H. H., and Lueth, assignors.)
 General Tire & Rubber Company, The. (See Cunningham, George R., assignor.)
 General Tire & Rubber Company, The. (See Denmire, Harold A., assignor.)
 General Tire & Rubber Company, The. (See Dettling, Joseph J., assignor.)
 General Tire & Rubber Company, The. (See Maranville, Alger G., assignor.)
 General Tube Lights Corporation. (See Beck, Leo L., assignor.)
 General Tube Lights Corporation. (See Beck, L. L., and Noble, assignors.)
 General Utilities Mfg. Co. (See Tinkham, Guy L., assignor.)
 General Water Heater Corporation. (See Kay, Oscar J., assignor.)
 General Water Treatment Corporation. (See Turner, Edward T., assignor.)
 General Zeolite Company. (See Adelson, Samuel L., assignor.)
 General Zeolite Company. (See Behrman, Abraham S., assignor.)
 General Zeolite Co. (See Hughes, Walter J., assignor.)
 General Zeolite Company. (See Hughes, W. J., and Green, assignors.)
 General Zeolite Company. (See Hughes, W. J., Green, and Hodges, assignors.)
 General Zeolite Co. (See Kean, Robert H., assignor.)
 Genety, Louis M. F., Paris, France. Device for feeding explosion engines having an over-high pressure of compression. 1,895,381; Jan. 24.
 Genich, Joseph, assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack handle. 1,895,317; Jan. 24.
 Genjack, Conrad, North Vancouver, British Columbia, Canada. Ticket rack. 1,922,158; Aug. 15.
 Genova, Arturo, Madrid, Spain. Rescue device for submarines. 1,919,834; July 25.
 Genovese, Francesco S., Jamaica, N. Y. Life preserver. 1,920,071; July 25.
 Gensburg, Louis W., Chicago, Ill. Game board. Des. 90,281; July 11.
 Genseck, Wilhelm, Gonzenheim, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Still for substances of high boiling point. 1,936,964; Nov. 28.
 Gensecke, Wilhelm, Gonzenheim, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process and apparatus for separating solvents from their mixtures with oil or fat in vacuo by evaporation of the solvents. 1,918,638; July 18.
 Gensecke, Wilhelm, Gonzenheim, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Eliminating the impurities contained in vegetable and animal oils and fats. 1,928,531; Sept. 26.
 Gensel, Herbert, Cologne-Mulheim, and M. Hagedorn, Dessau, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Sizing agent for cellulose acetate silk. 1,928,996; Oct. 3.
 Gensheimer, Henry, Corona, N. Y. Sewing machine binder. 1,913,112; June 6.
 Gensheimer, Henry, New York, N. Y. Sewing machine binder. 1,939,972; Dec. 19.
 Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 1,895,757; Jan. 31.
 Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 1,933,252; Oct. 31.
 Genter Theodore L. (See Debrunner, Reginald W., assignor.)
 Gentil, Eugène, Paris, France, assignor to The American Bicheroux Company. Take-off and leering conveyor for sheet-glass forming machines. Re18,881; June 27.
 Gentile, Marino, assignor of one-half to S. W. Weis, one-fourth to G. Pick, and one-twentieth to H. P. Sherwood, Chicago, Ill. Transport sheet. 1,908,341; May 9.
 Gentle, Virginio J., assignor to Beauty Utilities, Inc. Summit, N. J. Permanent waving. 1,925,529; Sept. 5.
 Gentilini, Augusto. (See Papò, A., and Gentilini.)
 Gentleman, Francis W., and C. E. Terry, Detroit, Mich. Edible food products. Des. 90,192; June 27.

- Gentry, Franklin M., Brooklyn, N. Y. Electron tube and connection. 1,909,824; May 16.
- Gentry, Ralph R., assignor of one-half to G. H. La Barre, Spokane, Wash. Air washer. 1,918,531; July 18.
- Gentz, Theodore, Milwaukee, Wis. Roof and floor construction. 1,908,663; May 9.
- Genuit, John W., Huntington Park, assignor to Stooddy Company, Whittier, Calif. Sintered hard metal alloy. 1,893,078; Jan. 3.
- Geometric Tool Company, The. (See Breitenstein, Albert F., assignor.)
- Geophysical Research Corporation. (See Floyd, Francis M., assignor.)
- George, Anthony. (See Reed, R. F., and George.)
- George, Arthur M., and W. F. Kaufman, assignors to Armstrong Cork Company, Lancaster, Pa. Embossed linoleum and the like. 1,910,894; May 23.
- George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Trenching machine. 1,911,615; May 30.
- George, Edgar E., assignor to The Buttonless Tire Cover Company, Canton, Ohio. Making embossed coated fabric. 1,919,058; July 18.
- George, Edgar E., assignor to The Buttonless Tire Cover Company, Canton, Ohio. Making embossed fabric. 1,919,059; July 18.
- George, Edgar E., assignor to The Buttonless Tire Cover Company, Canton, Ohio. Reflecting device. 1,937,339; Nov. 28.
- George, Edwin S., and H. L. Blydenburgh, Detroit, Mich.; said Blydenburgh assignor to said George. Housing for air conditioning apparatus. Des. 89,176; Feb. 7.
- George, Enoch, Jr. (See Regan, W. J., and George.)
- George, Frank N., Buffalo, N. Y. Air controlling mechanism for paint-filtering apparatus. 1,916,758; July 4.
- George, Garland S., Athens, Tex. Vehicle signal. Des. 91,190; Dec. 19.
- George, Harry F., Chicago, Ill. Covering means. 1,892,780; Jan. 3.
- George, Harry F., Chicago, Ill. Check protector. 1,927,118; Sept. 19.
- George, Henri. (See Bayle, E., George, and Maché.)
- George, Henri, assignor to Societe Quartz & Silice, Paris, France. Manufacture of fused silica. 1,936,476; Nov. 21.
- George, James A., Brackenridge, Pa. Roll-dressing apparatus. 1,937,953; Dec. 5.
- George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill housing. Re18,724; Jan. 31.
- George, Jerome R., Marion, assignor to Morgan Construction Company, Worcester, Mass. Metal-heating furnace. 1,912,705; June 6.
- George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Retaining means for rolling mill bearings. 1,923,782; Aug. 22.
- George, Robert, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 88,868; Jan. 3.
- George, Robert, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 88,869; Jan. 3.
- George, Robert, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 88,907; Jan. 3.
- George, Robert, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 89,336; Feb. 28.
- George, Robert, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 90,313; July 18.
- George, Robert B., Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Booster transformer. 1,909,053; May 16.
- George, Robert H., Philadelphia, Pa. Drain valve. 1,919,696; July 25.
- George, Theodore H., Cicero, Ill. Center testing indicator. 1,936,160; Nov. 21.
- George, Walter C. (See Young, V., and George.)
- George, William B., Chicago, Ill. Flush valve. 1,912,937; June 6.
- Georgen, Herman J., Berwyn, Ill. Apparatus for forming feed screws and conveyors. 1,926,092; Sept. 12.
- Georger, Clifford H., Buffalo, N. Y. Ejector for cigarette packages or the like. 1,928,663; Oct. 3.
- Georgi, Paul. (See Nitardy, F. W., Berg, and Georgi.)
- Georgoff, Jordan A., Harbin, China. Circulating system. 1,901,871; Mar. 21.
- Gephart, Harry F., Chicago, Ill. Fishing rod structure. 1,909,529; May 16.
- Geraerds, Gerald S., New York, N. Y. Metal stud for wall or partition construction. 1,932,157; Oct. 24.
- Geraghty, John P., Jersey City, N. J. Hood locking device for automobiles. 1,893,406; Jan. 3.
- Geraldson, Gerald, assignor to J. I. Case Company, Racine, Wis. Earth working implement. 1,893,619; Jan. 10.
- Geraldson, Gerald, assignor to J. I. Case Company, Racine, Wis. Tractor implement. 1,914,117; June 13.
- Geraldson, Gerald, assignor to J. I. Case Company, Racine, Wis. Earth working implement. 1,925,318; Sept. 5.
- Gerard, Joseph E., New Rochelle, N. Y. Support for shower bath curtain rods. 1,935,553; Nov. 14.
- Gerard, Léon, Sevres, assignor to P. Viet, Billancourt, Seine, France. Automatic pressure regulating device. 1,897,898; Feb. 14.
- Gérard, Léon, Sevres, assignor to P. Viet, Billancourt, France. Starter for internal-combustion engines. 1,939,493; Dec. 12.
- Gerard, Paul, Laurel, Mont. Valve actuating mechanism for internal combustion engines. 1,902,996; Mar. 28.
- Gerardi, Aldo Galliate, Novara, Italy. Pendular suspension for rear-driving wheels of motor vehicles. 1,940,795; Dec. 26.
- Gerben, Charles, New York, N. Y. Emergency tire for vehicles. 1,918,694; July 18.
- Gerber, Dwight, Pittsburgh, Pa. Cylinder and pipe cutting machine. 1,907,954; May 9.
- Gerber, Dwight, Pittsburgh, Pa. Cylinder and pipe cutting machine. 1,907,955; May 9.
- Gerber, Dwight, Pittsburgh, Pa. Cylinder and pipe cutting machine. 1,907,956; May 9.
- Gerber, Dwight, Pittsburgh, Pa. Cylinder and pipe cutting machine. 1,907,957; May 9.
- Gerber, John L., assignor to Bronze Die Casting Company, Pittsburgh, Pa. Tumbling pickler. 1,908,597; May 9.
- Gerber, Walo N. (See Jung, Karl, assignor.)
- Gerberich, Clarence E. (See Bales, J. E., and Gerberich.)
- Gerdes, Henry T., Lebanon, Pa., assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Furnace. Des. 89,886; May 16.
- Gerdien, Hans, Berlin-Grunewald, W. Jubitz, and O. Geiler, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,940,300; Dec. 19.
- Gere, Clair M., Belfast, N. Y., assignor to Natural Cheese Corporation, Dover, Del. Apparatus for curing cheese. 1,915,487; June 27.
- Gere, Clair M., Belfast, N. Y., assignor to Natural Cheese Corporation, Dover, Del. Molding cheese. 1,915,488; June 27.
- Gere, Clair M., Belfast, N. Y., assignor to Natural Cheese Corporation, Dover, Del. Insertor for placing molded cheese in containers. 1,915,489; June 27.
- Gere, Clair M., Green Bay, Wis., assignor to Natural Cheese Corporation, Dover, Del. Relief valve for closed containers. 1,915,490; June 27.
- Gere, Clair M., Green Bay, Wis., assignor to Natural Cheese Corporation, Dover, Del. Packaging cheese. 1,925,443; Sept. 5.
- Gere, Ward N., Liverpool, assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Apparatus for spotting yarn in the mass. 1,915,779; June 27.
- Gerend, Matthias S. (See Hubbard, N., and Gerend.)
- Gerfen, Royce F., Newark, N. J. Foldable bootjack. 1,893,280; Jan. 3.
- Gerhardt, Harry F., Chicago, Ill. Refreshment stand. Des. 88,957; Jan. 10.
- Gerhardt, Jacob J. (See Pearson, A. L., and Gerhardt.)
- Gerhardt, William F., Grosse Ile, Mich. Helicopter control and stabilizer. 1,917,965; July 11.
- Gerhardt, William F., Grosse Ile, and C. A. Brock, Detroit, Mich., assignors, by mesne assignments, to Curtiss-Wright Flying Service, Inc. Aerodynamic instruction and testing apparatus. 1,939,047; Dec. 12.
- Gerhold, Alfred, London, England. Stand for plates and the like. 1,904,725; Apr. 18.
- Gerhold, Charles M., New York, N. Y. Smoke washing apparatus. Re18,980; Oct. 24.
- Gericke, William F., Berkeley, Calif. Fertilizing unit for growing plants in water. 1,915,884; June 27.
- Gerjets, Harry H., Bellingham, Wash. Cigarette receptacle and roller. 1,902,699; Mar. 21.
- Gerken, Gilbert F., Fairmont, Va. Wheel mounting and steering gear. 1,915,224; June 20.
- Gerkin, Henry, Oakland, Calif. Hair waving appliance. 1,895,158; Jan. 24.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Tone carrier projecting apparatus. 1,908,138; May 9.
- Gerlach, Erwin, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Multistage amplifier or receiver arrangement. 1,913,024; June 6.
- Gerlach, Erwin, and H. Orlich, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrodynamic loud-speaker. 1,934,184; Nov. 7.
- Gerlach, Fritz, Berlin-Tempelhof, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Ventilating device for subterranean spaces. 1,900,642; Mar. 7.
- Gerlach, Hugh. (See Gerlach (née Parker), B. E., and Gerlach.)
- Gerlach (née Parker), Bessie E., and H. Gerlach, London, England. Type cleaning instrument. 1,902,024; Mar. 21.
- Gerlach, Oscar, Peru, assignor to Matthiessen & Hegeler Zinc Co., La Salle, Ill. Purifying zinc ore. 1,921,743; Aug. 8.
- Gerline, Otto, Kalamazoo, Mich. Fishing rod support. 1,918,389; July 18.
- Gerlinger, Carl F., Dallas, Oreg. Lumber carrier. 1,909,579; May 16.
- Gerlinger, Carl F., Dallas, Oreg. Six-wheeled lumber carrier. 1,927,088; Sept. 19.
- German, Rodolphe. (See Paiseau, J. and German.)
- German, Horace H. (See Lambert, W., and German.)

- Germana, Biagio, Cleveland, Ohio. Cornice mold-cutter and finisher. 1,908,664; May 9.
- Germann, Albert F. O., assignor to S. M. A. Corporation, Cleveland, Ohio. Soluble casein. 1,896,300; Feb. 7.
- Germann, Albert F. O., assignor to S. M. A. Corporation, Cleveland, Ohio. Preserving milk products. 1,912,073; May 30.
- Germanson, Rudolph C., Appleton, assignor to Paper Patents Company, Neenah, Wis. Foundriner paper machine. 1,928,286; Sept. 26.
- Germanson, Rudolph C., and F. Kranhold, Appleton, assignors to Paper Patents Company, Neenah, Wis. Process and apparatus for making paper. 1,918,095; July 11.
- Germanton, Charles E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Remote control device. 1,917,881; July 11.
- Germer, Karl. (See Engelman, Reinhold, assignor.)
- Germer, Edmund. (See Meyer, F., Spanner, and Germer.)
- Germer, Elmer H., Fort Dodge, Iowa. Grain grading machine. 1,932,777; Oct. 31.
- Germeyer, Charles F., Harrisburg, Pa. Thermostat. 1,896,579; Feb. 7.
- Germeyer, Charles F., Harrisburg, Pa. Draft control system and device. 1,910,949; May 23.
- Germond, Henry S. (See De Lamar, Rudolph E., assignor.)
- Germond, Henry S., Bayonne, N. J., and A. Williams, Natick, Mass., assignors to said H. S. Germond. Double-lift elevating truck. 1,908,139; May 9.
- Germond, Oatmer B., South Bend, Wash. Centrifugal separator. 1,936,130; Nov. 21.
- Gernert, Earle, Phoenix, Ariz. Electric iron appliance. 1,926,989; Sept. 12.
- Gernert, Fritz, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Device for measuring the elongation of filaments. 1,927,637; Sept. 19.
- Gernon, Lawrence J., Brooklyn, N. Y. Apparatus for semiautomatically operating a laundry machine. 1,936,937; Nov. 28.
- Gerns, William H., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Loud speaker resonator construction. 1,911,359; May 30.
- Gerome, John A., Kitchener, Ontario, Canada. Disinfecting device. 1,928,483; Sept. 26.
- Gerould, Edwin M., Beach Bluff, Mass. Portable refreshment booth. 1,921,251; Aug. 8.
- Gerow, James W., assignor of one-half to Charles A. Stephens, Reno, Nev. Self retaining catheter and drainage tube. 1,922,084; Aug. 15.
- Gerrard Company, The. (See Beauvisage, Hans, assignor.)
- Gerrard Company, The. (See Spoor, Ivan H., assignor.)
- Gerrard Company, The. (See Spoor, I. H., and Le Tourneau, assignors.)
- Gersh, Henry, Bronx, N. Y. Safety plate to prevent gas burners from being extinguished. 1,932,929; Oct. 31.
- Gersman, Harvey M., Noroton, Conn., assignor to Kalman Steel Company, Inc., Chicago, Ill. Blank for and making load bearing members. 1,933,253; Oct. 31.
- Gerstell, Wood D. (See Sherrill, C. B., and Gerstell.)
- Gerstenberg, Aage, Frederiksberg, Denmark. Cooling drum for cooling of liquid and molten substances. 1,928,173; Sept. 26.
- Gerstenberger, Alfred, Leipzig, Germany. Automobile lifting mechanism. 1,924,276; Aug. 29.
- Gerstenslager, William H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Method of and machine for building belts. 1,924,067; Aug. 22.
- Gerstenslager, William H., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Manufacture of rubber belts. 1,930,747; Oct. 17.
- Gerstner, Harry H., Dayton, O. Shoe-shine box. 1,920,171; Aug. 1.
- Gert & Co. (See Woidich, Karl, assignor.)
- Gerten, Nicholas, Douglaston, N. Y., and R. L. Jenner, East Orange, N. J., assignors to Blaw Knox Company, Blawnox, Pa. Wave antenna. 1,897,373; Feb. 14.
- Gerth, August, Hidewood Township, Deuel County, S. Dak. Calculating machine. 1,911,683; May 30.
- Gerth, Felix, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Frequency multiplier. 1,920,194; Aug. 1.
- Gerth, Felix, assignor to C. Lorenz Aktiengesellschaft Berlin-Tempelhof, Germany. Electric signaling. 1,938,379; Dec. 5.
- Gerth, Felix, Berlin in Tempelhof, and E. Kramar, Eberswalde, near Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin, Tempelhof, Germany. Radio-transmitting system. 1,931,864; Oct. 24.
- Gerth, Felix, Berlin-Tempelhof, W. Hahnemann, Berlin-Marienfelde, and W. Scheppmann, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Device for influencing the direction of electric waves. 1,939,345; Dec. 12.
- Gerth, Ruth L., New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Goblet. Des. 89,887; May 16.
- Gervais, Donat. (See Saucier, Edward E., assignor.)
- Gervasi, Paul, Waterbury, Conn. Burner. 1,899,951; Mar. 7.
- Gesel, Albert J., and W. M. Murray, Buffalo, N. Y. Teeming nozzle. 1,920,300; Aug. 1.
- Gesellschaft für Drahtlose Telegraphie m. b. H. (See Esau, Abraham, assignor.)
- Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
- Gesellschaft für Elektrische Apparate. (See Hort, Hermann, assignor.)
- Gesellschaft für Elektrische Apparate m. b. H. (See Soykow, Johann M., assignor.)
- Gesellschaft für Elektrische Apparate m. b. H. (See Glitscher, Karl, assignor.)
- Gesellschaft für Elektrische Apparate m. b. H. (See Vopel, J., and Oetker, assignors.)
- Gesellschaft für Kohlentchnik mit beschränkter Haftung. (See Gluzd, Wilhelm, assignor.)
- Gesellschaft für Kohlentchnik m. b. H. (See Keller, Konrad, assignor.)
- Gesellschaft für Oberbauforschung und Rangiertechnik m. b. H. (See Meyer, August, assignor.)
- Gesellschaft für Teerverwertung, m. b. H. (See Spilker, A., and Zerbe, assignors.)
- Geske, Carl, Grand Rapids, assignor to Winters & Crampton Company, Grandville, Mich. Hinge construction. 1,895,658; Jan. 31.
- Gessler, Harry C., Brooklyn, N. Y. Sugar dispenser. 1,893,139; Jan. 3.
- Gessler, Harry C., Brooklyn, N. Y. Self closing sugar bowl mounting. 1,900,643; Mar. 7.
- Gessler, Harry C., Brooklyn, N. Y. Measuring and dispensing device. 1,938,100; Dec. 5.
- Gessler, Samuel. (See Krensky, L. J., and Gessler.)
- Gessner, David, Worcester, Mass. Cloth drying apparatus. 1,907,786; May 9.
- Gessner, Ernest, Aktiengesellschaft. (See Wenzel, Emil, assignor.)
- Gessner, Ernst, Worcester, Mass. Variable speed transmission mechanism. 1,894,397; Jan. 17.
- Gessner, Ernst, Worcester, Mass. Variable speed and freewheeling transmission mechanism. 1,909,099; May 16.
- Gestetner, D., Limited. (See de Waele, Armand, assignor.)
- Gestetner, Sigmund, Tottenham Hale, London, England, assignor, by mesne assignments, to A. B. Dick Company, Chicago, Ill. Duplicating with the aid of stencils. 1,906,374; May 2.
- Getaz, James L., Maryville, assignor to H. W. Sanford, Knoxville, Tenn. Dump car. 1,908,015; May 9.
- Getaz, James L., Maryville, assignor to H. W. Sanford, Knoxville, Tenn. Railway. 1,908,673; May 9.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,893,827; Jan. 10.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic switch. 1,919,327; July 25.
- Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic electric switch. 1,928,484; Sept. 26.
- Gette, John O., jr., Yonkers, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Aeroplane attitude indicator. 1,918,904; July 18.
- Gette, John O., jr., Yonkers, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Aeroplane instrument. 1,935,740; Nov. 21.
- Gettelman, Arthur F. (See Hobart, H. M., Stebbins, and Gettelman.)
- Gettinger, Edward J., Lutesville, Mo. Air hub wheel. 1,940,541; Dec. 19.
- Gettings, Edwin G., Los Angeles, Calif. Clothes cleaning machine. 1,900,927; Mar. 14.
- Getty, Andrew J., Gordon, McComas, W. Va. Antitheft device. 1,940,747; Dec. 26.
- Getty, H. S., and Company. (See Eichel, John V., jr., assignor.)
- Getz, Benjamin E., Morton, Ill. Clothes drier. 1,926,378; Sept. 12.
- Getz, Emil L., Hillsdale, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 1,930,612; Oct. 17.
- Getz Exterminators, Inc. (See Raley, Thomas C., assignor.)
- Getz, Vernon C., Hazleton, Pa. Brooder. 1,919,884; July 25.
- Getz, Vernon C., assignor to Hazleton Manufacturing Co., Hazleton, Pa. Feed box. 1,914,240; June 13.
- Getzloff, Arthur, Harris, Mich. Brake testing device. 1,927,739; Sept. 19.
- Geuroloff, Wasil, Watson, Saskatchewan, Canada. Mechanically operated scoop. 1,915,730; June 27.
- Gevert, Richard B., Chicago, Ill. Hammer. 1,922,890; Aug. 15.
- Gewecke, Fritz. (See Buchner, M., and Gewecke.)
- Gewerkschaft Eisenhütte Westfalen. (See Löbbe, Wilhelm, assignor.)
- Gewerkschaft Wallram. (See Meutsch, Adolf, assignor.)
- Gey, Theodore A., Norristown, Pa. Poultry leg band. 1,921,077; Aug. 8.
- Geyer, Bertram B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,940,680; Dec. 26.
- Geyer, Frederick W., San Antonio, Tex. Water heater. 1,912,834; June 6.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Vibration-absorbing connector. 1,892,943; Jan. 3.

- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Oscillating joint. 1,909,100; May 16.
- Geyer, Harvey D., assignor to Inland Manufacturing Company, Dayton, Ohio. Universal joint. 1,913,198; June 6.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Molding press. 1,918,532; July 18.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Electric connector plug. 1,918,533; July 18.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Flexible boot for universal joints. 1,922,431; Aug. 15.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Resilient mounting unit. 1,930,310; Oct. 10.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Molding plastic material. 1,935,794; Nov. 21.
- Geyer, Harvey D., assignor to The Inland Manufacturing Company, Dayton, Ohio. Spring shackle. 1,939,444; Dec. 12.
- Geyer, Harvey D., and A. H. Flower, assignors to The Inland Manufacturing Company, Dayton, Ohio. Rubber covered leaf spring. 1,892,944; Jan. 3.
- Geyh, Charles P., Oaklyn, N. J., assignor to General Electric Company. Selector control mechanism. 1,934,493; Nov. 7.
- Girorer, Albert H., assignor to The Automatic Transportation Company, Inc., Buffalo, N. Y. Industrial truck. 1,896,543; Feb. 7.
- Ghent, William E., assignor to Boggs Manufacturing Corporation, Atlanta, N. Y. Grading machine. 1,893,938; Jan. 10.
- Ghent, William E., assignor to Boggs Manufacturing Corporation, Atlanta, N. Y. Wire bending machine. 1,899,437; Feb. 28.
- Gheorghe, Tanase, Baltimore, Md. Aeroplane. 1,895,388; Jan. 24.
- Ghirardi, Luigi, Genoa, Italy. Safety apparatus for shipwrecked persons. 1,936,012; Nov. 21.
- Ghirardi, Luigi, Genoa, Italy. Propelling and steering device. 1,936,053; Nov. 21.
- Glacaglia, Attilus, Mare Island, Calif. Silver ware tray. Dec. 8, 1917; Feb. 7.
- Giacopini, August, Torrington, Conn. Storage battery terminal clamp. 1,934,262; Nov. 7.
- Gialmo, Charles V., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Making commutators. 1,901,955; Mar. 21.
- Giancola, Nunzio. (See Broderick, Martin A., assignor.)
- Giannangelo, Sabatino. (See Fortuna, F., and Giannangelo.)
- Gianni, Francesco, assignor of one-half to Alessandro Salvi, Milan, Italy. Soft coating metals to be submitted to cold deformations. 1,894,169; Jan. 10.
- Gianoli, Marcel L., Paris, France. Device for interlocking two movements. 1,903,039; Mar. 28.
- Giant Hammer Mill Company. (See Saunders, James C., assignor.)
- Giard, Eugene A., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electron tube. 1,893,887; Jan. 10.
- Giard, Eugene A., La Grange, Ill., assignor, by mesne assignments, to Vesta Consolidated Incorporated. Preparation for storage batteries and making the same. 1,940,714; Dec. 26.
- Giard, Eugene A., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrode for electron discharge devices. 1,926,846; Sept. 12.
- Gibb, Donald L. (See Collings, W. R., and Gibb.)
- Gibbons, Cedric, Santa Monica, and E. H. Tate, Los Angeles, assignors to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Construction material. 1,924,548; Aug. 29.
- Gibbons, Frank J., Worcester, Mass. Threadless pipe connection. 1,912,074; May 30.
- Gibbons, Frank J., Worcester, Mass. Shock absorber. 1,924,184; Aug. 29.
- Gibbons, Harold R., Chatham, N. J., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 1,906,259; May 2.
- Gibbons, Harold R., Chatham, N. J., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 1,907,421; May 2.
- Gibbons, Harold R., Chatham, N. J., assignor to General Motors Corporation, Detroit, Mich. Cage for antifriction bearings. 1,940,124; Dec. 19.
- Gibbons, John W., Boise, Idaho. Gun and target. 1,926,585; Sept. 12.
- Gibbons, Willis A., Great Neck, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Form for rubber articles. 1,906,569; May 2.
- Gibbons, Willis A., Montclair, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Improving the properties of rubber and product. 1,913,113; June 6.
- Gibbons, Willis A., Montclair, N. J., assignor to Revere Rubber Company, Providence, R. I. Making rubber thread. 1,924,923; Aug. 29.
- Gibbons, Willis A., Montclair, N. J., assignor to Revere Rubber Company, Providence, R. I. Making rubber thread. 1,924,924; Aug. 29.
- Gibbons, Willis A., Montclair, and H. T. Battin, Ridgewood, N. J., assignors to Morgan & Wright, Detroit, Mich. Mandrel. 1,907,535; May 9.
- Gibbons, Willis A., Montclair, and O. H. Smith, West Englewood, N. J., assignors to The Naugatuck Chemical Company, Naugatuck, Conn. Production of styrols from alkyl benzol. 1,938,827; Dec. 12.
- Gibbs, Charles E., and A. B. Lawson, Baltimore, Md. Metal car roof. 1,896,891; Feb. 7.
- Gibbs, Francis O. (See Bentley, J. G. and R. A., jr., and F. O. Gibbs.)
- Gibbs, Francis O. (See Bentley, J. G. and R. A., jr., F. O. Gibbs, and Jones.)
- Gibbs, Frank B., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Me. Stopping device for looms or the like. 1,898,768; Feb. 21.
- Gibbs, George E., assignor to American Reinforced Paper Company, Attleboro, Mass. Reinforced paper. 1,894,219; Jan. 10.
- Gibbs, James A., assignor to The McCaskey Register Company, Alliance, Ohio. Automatic salesbook register. 1,895,621; Jan. 31.
- Gibbs, James F., Gilroy, Calif. Poultry drinking fountain. 1,896,615; Feb. 7.
- Gibbs, John L., Bronxville, assignor to American Lithographic Company, Inc., New York, N. Y. Calendar. 1,921,815; Aug. 8.
- Gibbs, John T., Long Beach, Calif. Game. 1,906,260; May 2.
- Gibbs, Joseph, and A. Altman, Clinton, Mass. Range burner. 1,938,251; Dec. 5.
- Gibbs, Leon M., Birmingham, Ala., assignor to Teleswitch Corporation. Method and apparatus for directing the switching of railway cars at yards and terminals. 1,924,491; Aug. 29.
- Gibbs Machine Company. (See Bentley, J. G., and Gibbs, assignors.)
- Gibbs, Robert A., jr. (See Bentley, J. G., and Gibbs.)
- Gibbs, Robert A. (See Bentley, J. G. and R. A., and F. O. Gibbs.)
- Gibbs, Robert A., jr. (See Bentley, J. G. and R. A., jr., F. O. Gibbs, and Jones.)
- Gibbs, Thibaud & Cie. (See Charlot, R. J. G., assignor.)
- Gibbs, Walter A., Chester, Pa. Trap for catching animals alive. 1,917,111; July 4.
- Gibbs, William J., Brooklyn, assignor to The Lamson Company, Syracuse, N. Y. Conveyor. 1,920,981; Aug. 8.
- Gibbs, Winfield S., jr., Philadelphia, Pa., and H. R. Lukens, Woodbury, N. J., assignors to American Engineering Company, Philadelphia Pa. Refrigerating apparatus. 1,926,719; Sept. 12.
- Gibby, Thomas, Denver, Colo. Power shovel. 1,937,016; Nov. 28.
- Giblin, Marc A., West Allis, assignor of one-half to H. W. Bolens, Port Washington, Wis. Record changer. 1,907,058; May 2.
- Gibney, Sterne S., Kansas City, Mo., and H. Fluegel, Kansas City, Kans. Building unit and manufacturing the same. 1,926,093; Sept. 12.
- Gibson, Albert G., St. Joseph, Mo. Insulating unit for cold storage and refrigerator insulation. 1,912,631; June 6.
- Gibson, Alexander J. (See Huttger, Edward P., assignor.)
- Gibson Art Company, The. (See Wells, M. R., and Hillix, assignors.)
- Gibson, Frank C. (See Fox, F. L., and Gibson.)
- Gibson, Fred, Franklin, Minn. Pump. 1,806,445; Feb. 7.
- Gibson, George B. (See Engert, G. A., and Gibson.)
- Gibson, Guy T., New Rochelle, N. Y., assignor to Guy T. Gibson, Incorporated, New York, N. Y. Bottle. Dec. 9, 1916; Dec. 12.
- Gibson, Guy T., Incorporated. (See Gibson, Guy T., assignor.)
- Gibson, James, Euclid, assignor to Steel & Tubes, Inc., Cleveland, Ohio. Apparatus for lap welding tubing. 1,922,800; Aug. 15.
- Gibson, James H., et al. (See Simmons, Ernest W., assignor.)
- Gibson, John C., assignor to The Pioneer Rubber Company, Willard, Ohio. Coloring toy balloons. Re18,910; Aug. 1.
- Gibson, Morgan S. (See Fernandez, John J., assignor.)
- Gibson, Oliver E. (See Davis, W. C., and Gibson.)
- Gibson, Oliver E. (See Manske, F. A., Odenwaldt, and Gibson.)
- Gibson Patent Container, Ltd., The. (See Page, John E., assignor.)
- Gibson Refrigerator Company. (See Smith, Charles H., assignor.)
- Gibson Refrigerator Company. (See Smith, Russell T., assignor.)
- Gibson, Reginald W. (See Arcler, A. F., and Gibson.)
- Gibson, Robert D., Rahway, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Calling circuit. 1,896,487; Feb. 7.
- Gibson, Robert D., Rahway, and J. B. Harley, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing and adjusting device. 1,930,267; Oct. 10.
- Gibson, Robert H., assignor to United American Bosch Corporation, Springfield, Mass. Governor. 1,938,655; Dec. 12.

- Gibson, Samuel H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Making chaplets. 1,932,036; Oct. 24.
- Gibson, Wm. D. Company, The. (See Shailer, P. B., and Troendly, assignors.)
- Gibson, William T., Everett, Mass. Vacuum air valve. 1,915,661; June 27.
- Gibson, William T., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Power tube. 1,925,658; Sept. 5.
- Giddens, Byron T., Fountain City, Tenn. Lubrication of compressors. 1,931,222; Oct. 17.
- Giddings, Horace, San Francisco, Calif. Precooling means for refrigerator cars. 1,937,648; Dec. 5.
- Giddings, Horace, San Francisco, Calif. Auxiliary cooling system for refrigerator cars. 1,937,649; Dec. 5.
- Giddings & Lewis Machine Tool Co. (See Gallimore, K. F., and Woytych, assignors.)
- Giddings & Lewis Machine Tool Co. (See Woytych, Raymond M., assignor.)
- Gidwitz, Gerald, Chicago, Ill. Permanent hair waving. 1,912,835; June 6.
- Gieffers, George W., Brooklyn, N. Y. Automobile jack. 1,892,665; Jan. 3.
- Giese, Albert R. C., McKeesport, Pa. Toy parachute and projecting means therefor. 1,941,082; Dec. 26.
- Giese, Albert, and E. Giese, Benton Harbor, Mich., assignors to said Albert Giese and said E. Giese, as joint owners with right to survivorship. Holder for cow-tails. 1,927,119; Sept. 19.
- Giese, August F., Jr., Gary, Ind. Tapping hole drilling apparatus for blast furnaces. 1,916,261; July 4.
- Giese, Ella. (See Giese, Albert, and E.)
- Giese, Fritz, Berlin-Halensee, Germany. Reading device for a book. 1,919,835; July 25.
- Giese, Hans. (See Roberts, Richard, assignor.)
- Giesecke, Fred O., Evanston, Ill., assignor to International Patents Development Company, Wilmington, Del. Apparatus for making gelatinized starch products. 1,889,952; Mar. 7.
- Giesecke, Fred O., Evanston, Ill., assignor to International Patents Development Company, Wilmington, Del. Gelatinized starch product. 1,939,973; Dec. 19.
- Giesecke, Julius. (See Haupt, A., Gumbel, and Giesecke.)
- Giesey, Russell. (See Hamaker, B. G., and Giesey.)
- Giesey, Russell, Oklahoma City, Okla., assignor to Reed Roller Bit Company, Houston, Tex. Deep well drill. 1,903,232; Mar. 28.
- Giesey, Russell, Oklahoma City, Okla., assignor to Reed Koller Bit Company, Houston, Tex. Roller bit. 1,919,505; July 25.
- Gieskieng, Marlon W., Denver, Colo., assignor to Radio Corporation of America, New York, N. Y. Telephony. 1,937,754; Dec. 5.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Pressure responsive vessel. 1,900,985; Mar. 14.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Flexible corrugated tubular wall. 1,905,583; Apr. 25.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Making thin walled tubes. 1,905,584; Apr. 25.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Steam engine. 1,905,585; Apr. 25.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Method and apparatus for drawing tubes. 1,917,708; July 11.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Tube drawing machine. 1,925,035; Aug. 29.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Shutter thermostat. 1,935,118; Nov. 14.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Pump. 1,936,328; Nov. 21.
- Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Regulator for heating plants. 1,936,329; Nov. 21.
- Gietz, Peter, Johannisberg-on-the-Rhine, assignor to Maschinenfabrik Johannisberg G. m. b. H., Geisenheim-on-the-Rhine, Germany. Device for the clamping of flexible printing blocks or stereotypes on the form-cylinder of copper-plate or intaglio printing machine. 1,900,986; Mar. 14.
- Giffin, Harrie M., Jamaica Plain, Mass. Clutch mechanism. 1,939,974; Dec. 19.
- Gifford, Albert R., Los Angeles, Calif. Making ice cream in an electric refrigerator. 1,898,724; Feb. 21.
- Gifford, Arnold M., San Jose, and R. Smith, Bonnie Brae Station, Calif. Trailer hitch. 1,923,367; Aug. 22.
- Gifford, C. P., Chicago, Ill. Frame for building openings. 1,929,633; Oct. 10.
- Gifford, Charles P., Chicago, Ill. Frame for building openings. 1,929,634; Oct. 10.
- Gifford, Floyd H., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 1,925,141; Sept. 5.
- Gifford, Fred M., Flint, Mich. Rear vision mirror shield. 1,926,979; Sept. 12.
- Gifford-Wood Company. (See Durbin, Stanley H., assignor.)
- Gifford-Wood Company. (See Hallenbeck, Harold E., assignor.)
- Gifford-Wood Company. (See Peebles, Frank B., assignor.)
- Gift, John, South Temple, Pa. Automatic loop variation compensating mechanism for knitting machines. 1,915,415; June 27.
- Gizer, Albert, Vancouver, British Columbia, Canada. Sharp freezing device and process. 1,932,887; Oct. 31.
- Gigger, Walter A. (See Graves, B. P., and Gigger.)
- Gil, Irving, Chicago, assignor to The Moore Corporation, Joliet, Ill. Range. Des. 90,651; Sept. 12.
- Gil, Irving, Chicago, assignor to The Moore Corporation, Joliet, Ill. Range. Des. 90,759; Sept. 26.
- Gilbert, A. C., Company, The. (See Arnold, Arthur A., assignor.)
- Gilbert, A. C., Company, The. (See Engelhardt, Henry C., assignor.)
- Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy locomotive. 1,898,009; Feb. 21.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Electric drill or similar tool. 1,905,462; Apr. 25.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Beverage mixer. 1,912,350; May 30.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Vacuum cleaner motor. 1,918,695; July 18.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy for horticultural purposes. 1,921,027; Aug. 8.
- Gilbert, Alfred C., assignor to The A. C. Gilbert Company, North Haven, Conn. Electric motor. 1,926,441; Sept. 12.
- Gilbert, Alfred C., North Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Electric fan. 1,938,380; Dec. 5.
- Gilbert, Alfred C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fruit juice extractor. 1,914,888; June 20.
- Gilbert, Alfred J. (See Sherman, R. M., and Gilbert.)
- Gilbert, Alfred J., Windsor, and O. J. Grandahl, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Control device for liquid fuel burners. 1,912,131; May 30.
- Gilbert, Archie V., Spokane, Wash. Slug casting machine. 1,902,847; Mar. 28.
- Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
- Gilbert & Barker Manufacturing Company. (See Kunitz, Hannibal A., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
- Gilbert & Barker Manufacturing Company. (See Logan, J. A., and De Lancey, assignors.)
- Gilbert & Barker Manufacturing Company. (See Morand, Edmund E., assignor.)
- Gilbert & Barker Manufacturing Company. (See Spear, Leolyn F., assignor.)
- Gilbert, Charles A., Elkhart, Ind. Bank protective device. 1,925,379; Sept. 5.
- Gilbert, Charles E., New York, N. Y., assignor to Gilbert & Hertz, Inc. Safety plug. 1,898,359; Feb. 21.
- Gilbert, Edellard L., Fort Bayard, New Mexico. Radiator cap. Des. 90,944; Oct. 31.
- Gilbert, Elwood W., Allentown, Pa. Plastic art and the product thereof. 1,927,546; Sept. 19.
- Gilbert, Harold H., Alameda, Calif. Pneumatic dump bucket. 1,928,485; Sept. 26.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Treatment of metals. 1,931,144; Oct. 17.
- Gilbert, Harvey N., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Metal refining. 1,937,650; Dec. 5.
- Gilbert, Harwood J., Saginaw, Mich., assignor to National Washboard Company, Chicago, Ill. Rubbing element for washboards. 1,896,077; Feb. 7.
- Gilbert & Hertz, Inc. (See Gilbert, Charles E., assignor.)
- Gilbert, Howard W., Shaker Heights, and C. A. Dray, assignors to National Malleable & Steel Castings Company, Cleveland, Ohio. Chain connecting means. 1,906,570; May 2.
- Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine cable loading coil. 1,903,992; Apr. 18.
- Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loaded cable. 1,912,442; June 6.
- Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,917,882; July 11.
- Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Submarine communications cable. 1,926,899; Sept. 12.
- Gilbert, John W., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonchalking coating composition. 1,914,563; June 20.
- Gilbert, Levi L., Muskegon, Mich. Sheet for sanitary and surgical purposes and making the same. 1,893,669; Jan. 10.
- Gilbert, Levi L., Muskegon, Mich. Surgical operating support. 1,894,739; Jan. 17.

- Gilbert, Meyer D., New York, N. Y. Shoe shank support. 1,937,560; Dec. 5.
- Gilbert, Phillip A., Dalton, Mass., assignor to General Electric Company. Spacer for electrical winding coils. 1,938,421; Dec. 5.
- Gilbert, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Multiple spot welding electrode. 1,918,226; July 11.
- Gilbert, Reginald, San Francisco, Calif. Power unit. 1,892,833; Jan. 3.
- Gilbert, Reginald L., assignor to Victory Washer Co., Ltd., San Francisco, Calif. Washing machine. 1,918,696; July 18.
- Gilbert, Roswell W., Neshanic, N. J. Telegraph apparatus. 1,928,967; Oct. 3.
- Gilbert, Tilmon I., Mount Vernon, Ill. Weir structure. 1,901,956; Mar. 21.
- Gilbert, Walton E., Pasadena, assignor to Shell Oil Company, San Francisco, Calif. Bore hole survey device. 1,912,768; June 6.
- Gilbert, William I., et al. (See Turman, Joe B., assignor.)
- Gilbert, William L., Clock Company. (See Hodge, Albert P., assignor.)
- Gilbert, William N., Hudson Heights, N. J., assignor to Dayton Scale Company, Dayton, Ohio. Even balance scales. 1,896,301; Feb. 7.
- Gilbert, William N., Hudson Heights, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale bearing. 1,930,268; Oct. 10.
- Gilbert, William S., Detroit, Mich., assignor to Morgan & Wright, Tire. Des. 89,393; Mar. 7.
- Gilbertson, Harry A. (See Reishus, Sondre S., assignor.)
- Gilbertson, Henry S. (See Cooper, C. E., and Gilbertson.)
- Gilbrede, Bernard, Brooklyn, N. Y. Releasable buoy. 1,912,521; June 6.
- Gilch, Ludwig, Chicago, Ill. Convertible chair. 1,918,261; July 18.
- Gilchrist & Company. (See Graham, Walton C., assignor.)
- Gilchrist, D. H. (See Hill, Thomas, assignor.)
- Gilchrist, Harry R. (See Miller, J. L., and Gilchrist.)
- Gilchrist, Louis J. (See Pressler, Gustav, assignor.)
- Gilchrist, William L., Albany, Oreg., assignor of part interests to T. P. Gore, Lawton, Okla., E. L. Vidal, K. Kiggins and W. K. Bachrach, all of Washington, D. C., and G. P. Sacks, Bethesda, Md. Apparatus for refrigeration. 1,937,690; Dec. 5.
- Gilchrist, William L., Long Beach, Calif., and W. T. Hoofnagle, Glen Ridge, N. J., assignors to Rowe Slug Ejector Co., Ltd., Los Angeles, Calif. Coin selecting and detecting device. 1,911,684; May 30.
- Gilchrist, William L., Los Angeles, Calif., and W. T. Hoofnagle, Glen Ridge, N. J., assignors to Rowe Slug Ejector Co., Ltd., Los Angeles, Calif. Coin selector. 1,911,685; May 30.
- Gilchrist, William L., Los Angeles, Calif., and W. T. Hoofnagle, Glen Ridge, N. J., assignors to Rowe Slug Ejector Co., Ltd., Los Angeles, Calif. Multiple coin separator. 1,931,579; Oct. 24.
- Gildersleeve, Stanley P. (See Frolich, Per K. and Gildersleeve.)
- Giles, Charles W., Norton, Mass., assignor to J. M. Fisher Co. Watch chain guide. 1,896,302; Feb. 7.
- Giles, H. R., et al. (See Pippin, John W., assignor.)
- Giles, Harvey, Brooklyn, assignor to Collier Advertising Service, Inc., New York, N. Y. Vending machine. 1,919,017; July 18.
- Giles, Harvey, Brooklyn, assignor to Collier Advertising Service, Inc., New York, N. Y. Vending machine. 1,926,847; Sept. 12.
- Giles, Harvey, Brooklyn, assignor to Collier Advertising Service, Inc., New York, N. Y. Vending machine. 1,926,848; Sept. 12.
- Giles, Leonard W., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrodynamic device. 1,915,358; June 27.
- Giles, Leonard W., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,925,659; Sept. 5.
- Giles, Louis E., New York, assignor to The Garlock Packing Company, Palmyra, N. Y. Semimetallie packing and making the same. 1,910,914; May 23.
- Giles, William R. (See Pasternack, R., and Giles.)
- Giles, William T., Moberly, Mo. Valve. 1,925,958; Sept. 5.
- Gilhoel, Edward W., Philadelphia, Pa. Radiator inclosure. 1,909,173; May 16.
- Gilkerson, James F., Milwaukee, Wis. Heel construction. 1,913,025; June 6.
- Gill, Charles C., V. L. Julian, J. W. McIlwraith, and C. F. Rutledge, assignors of one-half to J. W. McIlwraith and one-half to C. F. Rutledge, Elwood, Ind. Head bracket. 1,933,728; Nov. 7.
- Gill, Edwin R., Jr., Yonkers, N. Y. Sign. 1,893,024; Jan. 3.
- Gill, Edwin R., sr., Yonkers, N. Y. Electric current rectifying device. 1,894,035; Jan. 10.
- Gill, Edwin R., Jr., Yonkers, N. Y., assignor to Prismo Holding Corporation. Sign. 1,902,440; Mar. 21.
- Gill, Eldridge B., Oklahoma City, Okla. Wire line guide. 1,907,787; May 9.
- Gill, Eldridge B., Oklahoma City, Okla. Switch valve. 1,918,506; July 18.
- Gill, Frank W., Youngstown, Ohio. Automatic lubricator. 1,931,894; Oct. 24.
- Gill, James Herbert Wainwright, London, England. Rotor for axial flow hydraulic machines. 1,910,216; May 28.
- Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Steel alloy. 1,938,221; Dec. 5.
- Gill, Lewis A. (See McNicol, Alexander and A., Gill, and Stafford.)
- Gillberg, Gustaf S. (See Henze, P., and Gillberg.)
- Gille, Benjamin A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Black powder composition. 1,927,870; Sept. 26.
- Gille, George W., assignor to Service Station Equipment Company, Bryan, Ohio. Apparatus for supplying air under pressure. 1,903,233; Mar. 28.
- Gilleland, Edgar, B., assignor of twenty-seven thirty-seconds to N. Cross, Kansas City, Mo. Hand device for making hooked rugs. 1,932,516; Oct. 31.
- Gillen, Frank A., New York, N. Y. Cut-off valve and actuating means therefor. 1,914,250; June 13.
- Gillen, George A., Bronx, N. Y. Combined switch casing and mounting bracket or similar article. Des. 89,394; Mar. 7.
- Gillen, George A., Jersey City, N. J., assignor, by mesne assignments, to Oakes Product Corporation, North Chicago, Ill. Steering wheel lock. 1,898,122; Feb. 21.
- Gillen, George A., Bronx, N. Y., assignor to Oakes Products Corporation, North Chicago, Ill. Automatic starting system and control for hydrocarbon engines. 1,917,580; July 11.
- Gillen, George A., Bronx, N. Y., assignor to Oakes Products Corporation, North Chicago, Ill. Centrifugal mercury switch. 1,917,581; July 11.
- Gillen, George A., Bronx, assignor, by mesne assignments, to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,920,251; Aug. 1.
- Gillen, George A., Bronx, assignor to Gillen, Kimmey, Baker Syndicate, Inc., New York, N. Y. Fuel injector. 1,921,873; Aug. 8.
- Gillen, George A., Bronx, N. Y., assignor to Oakes Products Corporation, North Chicago, Ill. Electromagnet switch. 1,928,722; Oct. 3.
- Gillen, George A., Jersey City, N. J. Railway brake appliance. 1,915,731; June 27.
- Gillen, Kimmey, Baker Syndicate, Inc. (See Gillen, George A., assignor.)
- Gillee, Acie J., assignor to The Outrite Fire Extinguisher Corporation, Detroit, Mich. Fire extinguishing compound. 1,924,401; Aug. 29.
- Giller, Fritz. (See Winkler, F., Giller, and Dorsch.)
- Gilles, Florence M., administratrix. (See Gilles, Pierre P.)
- Gilles, Pierre P., deceased, Springfield, Mass.; Florence M. Gilles, Cortland, N. Y., administratrix. Oil burner. 1,896,791; Feb. 7.
- Gillespie Auto Laundry System, Inc. (See Gillespie, Bee K., assignor.)
- Gillespie, Bee K., Chicago, Ill. Automobile basket. 1,925,691; Sept. 5.
- Gillespie, Bee K., assignor to Gillespie Auto Laundry System, Inc., Chicago, Ill. Method and apparatus for cleaning and polishing automobiles. 1,934,494; Nov. 7.
- Gillespie, H. E. (See Dye, Joseph W., assignor.)
- Gillespie, Henry C. (See Stern, C., Davis, and Gillespie.)
- Gillespie, Homer L., assignor of one-half to E. M. Frid, one-fourth to A. T. Cooper, and one-fourth to L. F. Valentine, Long Beach, Calif. Device for determining the angle of a drilled well hole. 1,911,997; May 30.
- Gillespie, J. Gayle, Tyler, Tex. Method of and apparatus for applying power for the operations of reciprocatory pumps. 1,928,532; Sept. 26.
- Gillespie, Robert H., Little Rock, Ark., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Divisible tooth. 1,903,730; Apr. 11.
- Gillespie, Wilbur F., and D. M. Wardsworth, assignors to Bogalusa Paper Company, Incorporated, Bogalusa, La. Refining sulphate wood turpentine. 1,938,693; Dec. 12.
- Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Nonslip device for vehicle wheels. 1,028,932; Oct. 3.
- Gillett, Edward H. J. C., London, England. Freewheel device. 1,915,885; June 27.
- Gillett, Edward H. J. C., West Hampstead, London, England. Transmission system. 1,923,819; Aug. 22.
- Gillett, Lowry, Syosset, assignor to General Chemical Company, New York, N. Y. Apparatus for burning sulphur. 1,921,289; Aug. 8.
- Gillett, Lowry, Syosset, N. Y., deceased, L. S. Foster, Evansville, Ind., administrator, assignor to General Chemical Company, New York, N. Y. Sulphur burner. 1,928,099; Sept. 26.
- Gillett, Lowry, Syosset, assignor to General Chemical Company, New York, N. Y. Apparatus for regulating the temperature of gases containing SO₂ and H₂SO₄. 1,934,419; Nov. 7.
- Gillette, Edward P., assignor to Gillette Research Corporation, Toledo, Ohio. Method and apparatus for burning limestone and the recovery of carbon dioxide. 1,923,084; Aug. 22.
- Gillette Research Corporation. (See Gillette, Edward P., assignor.)
- Gillette, Robert T., Scotia, N. Y., assignor to General Electric Company. Welding electrode. 1,918,028; July 11.
- Gillette Safety Razor Company. (See Anderson, Louis W., assignor.)

- Gillette Safety Razor Company. (See Baudis, Adolph, assignor.)
- Gillette Safety Razor Company. (See Bodkin, Irving S., assignor.)
- Gillette Safety Razor Company. (See Chadwick, Everett D., assignor.)
- Gillette Safety Razor Company. (See Davis, Albert G., assignor.)
- Gillette Safety Razor Company. (See Galsman, Henry J., assignor.)
- Gillette Safety Razor Company. (See Galsman, H. J., and Schumacher, assignors.)
- Gillette Safety Razor Company. (See Jones, Archdale J., assignor.)
- Gillette Safety Razor Company. (See Kondolf, Mathias R., assignor.)
- Gillette Safety Razor Company. (See Lambert, Gerard B., assignor.)
- Gillette Safety Razor Company. (See Maas, Nathan R., assignor.)
- Gillette Safety Razor Company. (See Marcy, Grosvenor D., assignor.)
- Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
- Gillette Safety Razor Company. (See Nickerson, William E., assignor.)
- Gillette Safety Razor Company. (See Schumacher, Conrad R., assignor.)
- Gillette Safety Razor Company. (See Stargardt, Albert R., assignor.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gillette Safety Razor Company. (See Thompson, Ralph E., assignor.)
- Gillette Safety Razor Company. (See Wanders, Hans H., assignor.)
- Gillette Safety Razor Company. (See Wasson, Orville, assignor.)
- Gillette Safety Razor Company. (See Witter, Lawrie L., assignor.)
- Gillette Sweeper Corporation. (See Smith, Earle R., assignor.)
- Gillham, Willard C. (See Hutchinson, O. C. K., and Gillham.)
- Gilliam, Oren A., San Diego, Calif. Sanitary paper holder and dispenser. 1,934,185; Nov. 7.
- Gillian, Herman, Coshocton, Ohio. Glove and the production thereof. 1,894,091; Jan. 10.
- Gillican, Charles C., assignor to Gillican-Chipley Company, Inc., Brunswick, Ga., and Hercules Powder Company, Inc., Wilmington, Del. Method of and apparatus for delivering crude pine gum. 1,896,616; Feb. 7.
- Gillican-Chipley Company. (See Hitch, Arthur R., assignor.)
- Gillican-Chipley Company. (See Hitch, A. R., and Ebaugh, assignors.)
- Gillican-Chipley Company, Inc., et al. (See Gillican, Charles C., assignor.)
- Gillies, Freeman A., Irondequoit, assignor to Eastman Kodak Company, Rochester, N. Y. Preparing parahydroxy-phenyl-glycine. 1,933,799; Nov. 7.
- Gillies, Hugh A., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Friction brake. 1,920,010; July 25.
- Gillies, Robert A., Lethbridge, Alberta, Canada. Mouthpiece for tobacco pipes. 1,935,356; Nov. 14.
- Gillies, William R., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Waterproof heat insulating tape. 1,903,106; Mar. 28.
- Gillies, William R., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Gasket. 1,917,834; July 11.
- Gillies, William R., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Making waterproof heat insulating tape. 1,937,561; Dec. 5.
- Gilligan, Edna M., Oakland, Calif. Laundry bag. Des. 91,135; Dec. 5.
- Gilligan, George H., assignor to U. S. Ring Traveler Company, Providence, R. I. Twisting device. 1,923,667; Aug. 22.
- Gilligan, George H., assignor to U. S. Ring Traveler Company, Providence, R. I. Device for applying travelers to rings. 1,931,690; Oct. 24.
- Gilligan, John J., Brooklyn, N. Y., and H. R. Starr, Metuchen, N. J. Telegraph typewriter pasting platform. 1,893,518; Jan. 10.
- Gilliland, Glen C. (See Huston, A. C., Simonsen, Gilliland, Huffman, Higgins, and Schrodeck.)
- Gilliland, Horace G., near Cheshunt, England. Treatment of sewage sludges. 1,917,516; July 11.
- Gillinder Brothers, Inc. (See Staley, Karl A., assignor.)
- Gilling, Preston E., Haddon Heights, assignor to Radio Condenser Company, Camden, N. J. Condenser. 1,911,360; May 30.
- Gillingham, Charles A., Lakewood, Ohio, assignor to National Carbon Company, Inc. Battery hand lamp. 1,922,801; Aug. 15.
- Gillings, Charles, and F. T. Belas, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,901,156; Mar. 14.
- Gillings, Charles, and F. T. Belas, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,923,668; Aug. 22.
- Gillings, Charles, F. T. Belas, C. E. Beale, and R. Taylor, Liverpool, and G. T. Baker, Caerphilly, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,938,381; Dec. 5.
- Gillio, Battista Giovanni, Worcester, Mass. Electricity generating apparatus. 1,903,307; Apr. 4.
- Gillis, Edward. (See Fidere, Heinrich, assignor.)
- Gillis, William H., Humble, assignor of one-fourth to D. H. Gunn and one-fourth to H. B. Gunn, Harris County, Tex. Burner. 1,920,124; July 25.
- Gillman, Arthur W., Berkeley, assignor of one-half to J. S. Pinney, San Francisco, Calif. Printing press. 1,928,815; Oct. 3.
- Gillmor, James H. (See Upright, R. E., and Gillmor.)
- Gilloly, William, assignor to Metal Stampings Corporation, Streator, Ill. Folding table construction. 1,931,169; Oct. 17.
- Gilman, George W., Lawrenceville, N. J., assignor to American Telephone and Telegraph Company. Arrangement for antenna transmission lines. 1,933,668; Nov. 7.
- Gilman, George W., Lawrenceville, N. J., assignor to American Telephone and Telegraph Company. Selective antenna circuits. 1,933,669; Nov. 7.
- Gilman, George W., Lawrenceville, N. J., assignor to American Telephone and Telegraph Company. Selective antenna circuit. 1,934,602; Nov. 7.
- Gilman, Louis, Chelsea, Mass. Electrical control apparatus. 1,938,899; Dec. 12.
- Gilman, Louis, Chelsea, assignor to Radio Television Industries Corporation, Boston, Mass. Microphone. 1,932,581; Oct. 31.
- Gilmer, Charles J., assignor of one-half to H. P. Woodward, Atlanta, Ga. Vending machine casing. Des. 90,652; Sept. 12.
- Gilmer, Ernest E., assignor of two-fifths to R. W. Waters, Portland, Oreg. Shingle-planing machine. 1,910,895; May 23.
- Gilmer, George W., Tacony, Pa. Pad or packing with fastening means. 1,900,230; Mar. 7.
- Gilmond, Percival O., Hamden, Conn. Toy store. Re18,733; Feb. 14.
- Gilmore, Alfred C. (See Knowlton, A. D., and Gilmore.)
- Gilmore, Allen R., St. Louis, Mo. Valve for flush tanks. 1,893,202; Jan. 3.
- Gilmore, Chace D., West Chester, Pa. Scriber guard. 1,896,580; Feb. 7.
- Gilmore, Charles B., Chicago, Ill. Control mechanism. 1,906,571; May 2.
- Gilmore, Charles B., Chicago, Ill. Control apparatus for automobiles. 1,927,209; Sept. 19.
- Gilmore, Charles B., assignor to O. D. Jennings & Company, Chicago, Ill. Coin operated mechanism. 1,926,232; Sept. 12.
- Gilmore, Charles B., Chicago, and J. L. Vaughn, Cicero, assignors to O. D. Jennings & Company, Chicago, Ill. Coin detector. 1,928,419; Sept. 26.
- Gilmore, Ervin O. (See Meyer, Walter W., assignor.)
- Gilmore, Everett E., Stockton, Calif. Loom-harness operating mechanism. 1,911,822; May 30.
- Gilmore, Forrest H., and H. H. Kruger, San Pierre, Ind. Anticreeping device. 1,892,747; Jan. 3.
- Gilmore, Jackson G., and A. J. Frame, assignors to Franklin Oil Heating, Inc., Columbus, Ohio. Process and apparatus for oil burning. 1,935,628; Nov. 21.
- Gilmore, Vincent J., Wappingers Falls, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator frame. Des. 90,365; July 25.
- Gilmore, William L., assignor to Hookless Fastener Company, Meadville, Pa. Duffel bag. 1,914,087; June 13.
- Gilowitz, Benjamin, assignor of one-fourth to M. Bousel, New York, N. Y. Composite shoe heel. 1,931,957; Oct. 24.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Railway refrigerator car. 1,897,426; Feb. 14.
- Gilpin, Garth G., Riverside, assignor to Railway Metal Products Company, Chicago, Ill. Railway car door fixture. 1,902,772; Mar. 21.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Hinged door for railway cars. 1,907,059; May 2.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Hinged door for railway cars. 1,907,060; May 2.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Hinged door for railway cars. 1,907,061; May 2.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car construction. 1,915,359; June 27.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Operating device for car couplers. 1,918,806; July 18.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Cushioning and centering device for railway car couplers. 1,923,433; Aug. 22.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Cushioning and centering device for railway car couplers. 1,923,434; Aug. 22.
- Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Upper buffer mechanism for railway cars. 1,923,435; Aug. 22.
- Gilpin, Garth G., Riverside, assignor to Railway Metal Products Company, Chicago, Ill. Railway car side door construction. 1,923,783; Aug. 22.

- Gilpin, Garth G., Riverside, assignor to Railway Metal Products Company, Chicago, Ill. Side door construction for railway cars. 1,923,784; Aug. 22.
- Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,935,772; Nov. 21.
- Gilpin, Garth G., Riverside, and A. E. Small, Chicago, assignors, by mesne assignments, to General Steel Castings Corporation, Granite City, Ill. Railway car. 1,938,587; Dec. 12.
- Gilpin, Joseph, Central Falls, R. I. Loom temple. 1,934,495; Nov. 7.
- Gilseman, John J., Newark, N. J. Fire-fighting equipment. 1,919,365; July 25.
- Gilson, Michael, assignor to Kwik-Mix Concrete Mixer Co., Port Washington, Wis. Vibrator. 1,914,713; June 20.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Battery charging regulation. 1,916,307; July 4.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote indication apparatus. 1,924,603; Aug. 29.
- Gilstrap, Frank M., and F. W. Baumann, Barranca Bermeja, Colombia. Pump. 1,934,186; Nov. 7.
- Gimbel, Fred, Chicago, Ill. Service cabinet. 1,909,265; May 16.
- Ginder, Philip M. (See Bunce, E. H., and Ginder.)
- Ginder, William H., Haddonfield, N. J., assignor to Electro Manufacturing Company of America, Philadelphia, Pa. Toasting apparatus. 1,937,562; Dec. 5.
- Ginger, Frank M., Eldorado, Kans., and C. K. Francis, Tulsa, Okla., assignors to Skelly Oil Company, Wilmington, Del. Apparatus for examining liquids. 1,937,755; Dec. 5.
- Gingrich, John E. (See Jensen, H. M., Gingrich, and Medina.)
- Ginn, Everett W., administrator. (See Kikstrom, Oskar W., assignor.)
- Ginn, Percy E. (See Wikstrom, Oskar W., assignor.)
- Ginsberg, Abraham, New York, N. Y. Buffet or the like. Des. 90,110; June 13.
- Ginsberg, Abraham, New York, N. Y. Cabinet or the like. Des. 90,111; June 13.
- Ginsberg, Abraham, New York, N. Y. Dining table or the like. Des. 90,112; June 13.
- Ginsberg, Abraham, New York, N. Y. Commode or the like. Des. 90,113; June 13.
- Ginsberg, Abraham J., New York, N. Y. Removable exposure and focusing device for cameras. 1,920,072; July 25.
- Ginsberg, Jacob, assignor to M. J. Ginsberg, Brooklyn, and Morton Mormser, New York, N. Y. Vehicle. 1,917,932; July 11.
- Ginsberg, Morris J., et al. (See Ginsberg, Jacob, assignor.)
- Ginsburg, Fred, Chicago, Ill. Gear shifting mechanism. 1,905,635; Apr. 25.
- Ginsburg, Joseph. (See Hamilton, Warren G., assignor.)
- Giosola, Joseph, Milton, Mass. Machine for forming tubing around firework fuse material. 1,898,360; Feb. 21.
- Giosola, Joseph, Milton, Mass. Machine for forming waterproof tubing around firework fuse material. 1,902,122; Mar. 21.
- Glonet, Arthur W., and J. J. Higginbottom, Lowell, Mass., assignors to Boot Mills. Attachment for plain looms. 1,941,297; Dec. 26.
- Glorando, Giuseppe, West Nyack, N. Y. Nozzle. 1,931,792; Oct. 24.
- Giorda, Raoul M. L., Grenoble, France. Trousers protector. 1,930,748; Oct. 17.
- Gjordano, Michael G., Cranston, R. I. Joint connection. 1,901,026; Mar. 14.
- Gioscio, Ferdinand R., Indianapolis, Ind. Bottle opener. Des. 91,134; Dec. 5.
- Grand, James B., Phoenix, Ariz. Dam and making same. 1,903,760; Apr. 18.
- Girard Model Works, Inc., The. (See Smith, Anthony N., assignor.)
- Girard Smelting & Refining Company. (See Hanak, Albert, assignor.)
- Girdler Corporation, The. (See Bottoms, Robert R., assignor.)
- Girdler Corporation, The. (See Vogt, Clarence W., assignor.)
- Girdwood, Gordon M., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Electrical fuse. 1,927,397; Sept. 19.
- Girdwood, Kenneth J., Montreal, Quebec, Canada. Revolving parachute. 1,901,957; Mar. 21.
- Girdwoyn, Albert C., Somerset, assignor to American Printing Company, Fall River, Mass. Apparatus for making printing rolls. 1,906,572; May 2.
- Girz, Franz, assignor to Gummi- und Balatwerke Matador Aktiengesellschaft, Bratislava-Petrzalka, Czechoslovakia. Manufacturing differently colored marbled, veined, or streaky sponge rubber. 1,908,747; May 16.
- Girling, Albert H. G., London, England, assignor to Bendix Brake Company, South Bend, Ind. Expanding brake. 1,937,691; Dec. 5.
- Girtanner, Alexander, Bayside, N. Y., assignor to Automatic Lighter Corporation, Stamford, Conn. Cigarette dispensing device. 1,917,026; July 4.
- Girvaudan-Delawanna, Inc. (See Barbier, Henri, assignor.)
- Girvin, Charles W., Long Beach, assignor to Deepwater Chemical Co. Ltd., Compton, Calif. Recovery of silver iodide. 1,911,273; May 30.
- Girvin, Charles W., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Treating refined petroleum products. 1,931,725; Oct. 24.
- Girvin, Edward, assignor to Surgident Co. Ltd., Los Angeles, Calif. Dentist's saliva ejector. 1,930,712; Oct. 17.
- Gisewhite, Charles F., Milroy, Pa. Tire chain. 1,912,978; June 6.
- Githens, Otto W., Indianapolis, Ind., assignor to Universal Camera Corporation, New York, N. Y. Camera. Des. 89,888; May 16.
- Githens, Thomas F., Cleveland Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Reamer. 1,928,014; Sept. 26.
- Gits, Remi J., Chicago, Ill. Knife. 1,906,573; May 2.
- Gits, Remi J., Chicago, Ill. Oil seal. 1,925,729; Sept. 5.
- Gitt, Harry N., 2d, Hanover, Pa. Hand ball gloves. 1,900,395; Mar. 7.
- Gittleman, Benjamin, Providence, R. I. Display stand. 1,930,311; Oct. 10.
- Gitzen Walter H., East St. Louis, and G. H. Wagner, Belleville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Manufacturing fluoride materials. 1,937,885; Dec. 5.
- Gitzendanner, Fred, New York, N. Y. Shock absorber. 1,900,497; Mar. 7.
- Giuliano, Anthony P., Newark, N. J. Detecting metallic objects in hides and skins. 1,904,826; Apr. 18.
- Giuliano, Ronald, South Orange, N. J. Protective head covering. 1,902,441; Mar. 21.
- Giuseppe, Martina, Naples, Italy. Closing vessels. 1,932,351; Oct. 24.
- Girvaudan-Delawanna, Inc. (See Vonderwahl, Ernest, assignor.)
- Givelet, Joseph A. (See Coupleux, E. E., and Givelet.)
- Givelet, Joseph A. M. V. de P. (See Coupleux, E. E., and Givelet.)
- Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjustable inductance. 1,896,510; Feb. 7.
- Given, Guy C., Parlin, H. W. Letts, South River, and N. W. Thomson, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aeroplane fabric. 1,940,212; Dec. 19.
- Given, Ralph D., Leamington Spa, and H. F. Jefferson, Rugby, England, assignors to General Electric Company. Apparatus for recording or reproducing sound. 1,893,362; Jan. 3.
- Givens, Robert J., Nampa, Idaho. Automobile brake shield. 1,923,086; Aug. 22.
- Gjaerder, Asbjørn, Oslo, Norway. Producing proofs from the cast lines of type-bar casting machines. 1,938,422; Dec. 5.
- Glabb, William N., Dubuque, Iowa. Double poppet check valve. 1,940,452; Dec. 19.
- Glabb, William N., assignor to Morrison Bros., Dubuque, Iowa. Vent valve. 1,918,807; July 18.
- Glabb, William N., assignor to Morrison Bros., Dubuque, Iowa. Emergency valve. 1,924,356; Aug. 29.
- Glabb, William N., assignor to Morrison Bros., Dubuque, Iowa. By-pass gate valve. 1,936,873; Nov. 28.
- Glabus, Nick J., Lenora Lake, Saskatchewan, Canada. Tractor hitch. 1,935,707; Nov. 21.
- Gladding, B. F., & Co. (See Angell, Keith B., assignor.)
- Gladeck, Frederick C., Brooklyn, and J. P. Durning, St. Albans, N. Y., assignors to International Cigar Machinery Company. Scrap bunch machine. 1,915,525; June 27.
- Gladish, John M., Chattanooga, Tenn., assignor to Walway Rug Mills, Incorporated, La Grange, Ga. Loop and pile forming machine. 1,907,292; May 2.
- Gladish, John M., assignor to Walway Rug Mills, Incorporated, La Grange, Ga. Tufting machine looper and cutter. 1,909,530; May 16.
- Gladish, John M., Chattanooga, Tenn., assignor to Walway Rug Mills, Incorporated, La Grange, Ga. Tufting machine. 1,909,531; May 16.
- Gladish, John M., Chattanooga, Tenn., assignor to Walway Rug Mills, Incorporated, La Grange, Ga. Tufting machine with combined needle guide and gripper. 1,911,445; May 30.
- Gladville, Glenn V. (See Brassert, W., and Gladville.)
- Glaenger, Harry, Philadelphia, Pa. Ash pan for locomotives. 1,894,170; Jan. 10.
- Glaenger, Harry, Philadelphia, Pa. Throttle for locomotives. 1,896,947; Feb. 7.
- Glaenger, Harry, Philadelphia, Pa. Four-wheel trailer truck and ash bopper. 1,905,636; Apr. 25.
- Glahn, Otto M., Syracuse, N. Y., and G. A. Grassby, Jr., Newton Center, Mass., assignors to The Lamson Company, Syracuse, N. Y. Conveyer system. 1,939,891; Dec. 19.
- Glancy, Anna E., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,910,466; May 23.
- Glancy, Anna E., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,923,572; Aug. 22.
- Glandt, Claus W., Bennington, Nebr. Folding table. 1,898,998; Feb. 28.

- Glantz, Ludwig B., Minden, Nebr. Valve lifter. 1,932,728; Oct. 31.
- Glanzstoff-Courtaulds G. m. b. H. (See Paschke, Fritz, assignor.)
- Glanzstoff-Courtaulds G. m. b. H. (See Paschke, F., and Franzen, assignors.)
- Glascock Brothers Manufacturing Company. (See Frick, Chester A., assignor.)
- Glascock Brothers Mfg. Co. (See Frick, C. A., and Baker, assignors.)
- Glascock, Harry, assignor to The P O B Manufacturing Company, Cincinnati, Ohio. Brake rod support. 1,921,028; Aug. 8.
- Glascofine, Richard T., London, England. Rolling stock. 1,903,859; Apr. 18.
- Glascofine, Richard T., London, England. Bogie truck for railway and like vehicles. 1,924,237; Aug. 29.
- Glaser, Amandus, Berlin, Germany. Frame for bicycles or motorcycles. 1,907,645; May 9.
- Glaser, Joseph, Philadelphia, Pa. Lawn mower. 1,912,856; June 6.
- Glasgow, Roy S., and A. L. D. d'Adrian, St. Louis, Mo. Electrical means for testing translucent materials. 1,934,187; Nov. 7.
- Glashuttenwerke vorm J. Schreiber & Neffen. (See Kreidl, Norbert, assignor.)
- Glasner, Rudolph W. (See Rode, F. J., and Glasner.)
- Glasner, Rudolph W., Chicago, Ill. Metal working power press. 1,910,534; May 23.
- Glass, Frank A., Chicago, Ill. Producing aggregates from earth substances. 1,906,748; May 2.
- Glass, Joy D., Arcadia, Calif. Refrigerating apparatus. 1,915,276; June 27.
- Glass, Leo, Brooklyn, N. Y. Bracelet. Des. 89,586; Apr. 11.
- Glass, Nathan J., San Francisco, Calif. Safety razor holder. 1,937,756; Dec. 5.
- Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener supplying mechanism. 1,897,046; Feb. 14.
- Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Book cover folding machine. 1,898,123; Feb. 21.
- Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Presser foot mechanism. 1,920,252; Aug. 1.
- Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Seam finishing machine. 1,920,253; Aug. 1.
- Glass, Perley R., Wayland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work-presenting device for marking machines. 1,929,549; Oct. 10.
- Glass, Perley R., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 1,899,089; Feb. 28.
- Glass, Russel D., Harrisburg, Pa. Frozen confection maintenance apparatus. 1,912,577; June 6.
- Glass, Willard J., Ashland, Ohio. Calendar. 1,906,261; May 2.
- Glassberg, Jack, Newark, N. J. Casing for a combined clock and radio. Des. 90,945; Oct. 31.
- Glasser, Harold A., Jackson Heights, N. Y. Refrigerator. 1,927,398; Sept. 19.
- Glassine Paper Company, The. (See Beecher, Chester E., assignor.)
- Glatthar, George E., Cleveland Heights, assignor to The Art Metal Company, Cleveland, Ohio. Lighting fixture. 1,894,586; Jan. 17.
- Glatthar, George E., University Heights and F. Wening, South Euclid, Ohio. Lighting fixture. Des. 89,395; Mar. 7.
- Glatly, John H., Clifton, N. J. Electric outlet bracket. 1,933,053; Oct. 31.
- Glatzer, Gustave. (See Lewis, Alfred, assignor.)
- Glatzner, Louis O., Bristol, Pa. Changeable illuminated display. 1,904,132; Apr. 18.
- Glaubitz, Max, Berlin, and H. Haehn, Berlin-Finkenkrug, assignors to Versuchs- und Lehranstalt für Brauerei in Berlin, Berlin, Germany. Beer manufacture. 1,898,047; Feb. 21.
- Glaves, Archie H. (See Schoenleber, L. G., and Glaves.)
- Gleaner Harvester Corporation. (See Fisk, Henry D., assignor.)
- Gleaner Harvester Corporation. (See Hale, Stephen H., assignor.)
- Gleaner Harvester Corporation. (See Hanson, Perren J., assignor.)
- Gleaner Harvester Corporation. (See Pierson, Torvald N., assignor.)
- Gleaner Harvester Corporation. (See Worthington, Wayne H., assignor.)
- Gleaner Harvester Corporation. (See Worthington, W. H., and Dueger.)
- Gleason, Carl E., and M. A. Martin, Watonsville, Calif. Compensating valve. 1,893,859; Jan. 10.
- Gleason, Clarence L., Ames, Iowa. Carrier and heater for pavement crack filling buckets. 1,931,793; Oct. 24.
- Gleason, Frederick H., assignor to Bowen Products Corporation, Auburn, N. Y. Lubricant reservoir and pump for central lubrication systems. 1,924,068; Aug. 22.
- Gleason, Frederick H., assignor to Bowen Products Corporation, Auburn, N. Y. Lubricating system and apparatus. 1,934,053; Nov. 7.
- Gleason, George H., Montclair, N. J., assignor, by mesne assignments, to Compania Saliterra Anglo-Chilena, Valparaiso, Chile. Manufacture of sodium nitrate. 1,937,757; Dec. 5.
- Gleason, John P., Los Angeles, Calif. Display device. 1,898,769; Feb. 21.
- Gleason, Joseph W. (See Murphy, James F., assignor.)
- Gleason, Raymond M. (See Fitzgerald, E., and Gleason.)
- Gleason, Stanley F., Philadelphia, Pa. Cooking utensil. 1,897,899; Feb. 14.
- Gleason-Tiebout Glass Company. (See Metz, George B., assignor.)
- Gleason, William J., Houston, Tex. Parachute. 1,903,213; Mar. 28.
- Gleason Works. (See Bauer, Oliver F., assignor.)
- Gleason Works. (See Candee, Allan H., assignor.)
- Gleason Works. (See Candee, A. H., and Carlsen, assignors.)
- Gleason Works. (See Carlsen, Leonard O., assignor.)
- Gleason Works. (See Condon, Robert S., assignor.)
- Gleason Works. (See Durkan, Thomas M., assignor.)
- Gleason Works. (See Earl, Schuyler H., assignor.)
- Gleason Works. (See Finsen, Eyvind, assignor.)
- Gleason Works. (See Ford, George E., assignor.)
- Gleason Works. (See Head, Ernest C., assignor.)
- Gleason Works. (See Hill, Maxwell H., assignor.)
- Gleason Works. (See Johanson, Magnus H., assignor.)
- Gleason Works. (See Slade, Leon D., assignor.)
- Gleason Works. (See Stewart, Arthur L., assignor.)
- Gleason Works. (See Stewart, A. L., Candee, and Carlsen, assignors.)
- Gleason Works. (See Stonebraker, Harold E., assignor.)
- Gleason Works. (See White, H. J., and Charles, assignors.)
- Gleason Works. (See Wildhaber, Ernest, assignor.)
- Gleason Works. (See Wolfe, Bernard J., assignor.)
- Gledhill, Arthur H., Halifax, England. Key operated cash register. 1,932,888; Oct. 31.
- Gledhill, Walter, Huddersfield, England. Rising-and-falling shuttle box and like motions for looms for weaving. 1,893,546; Jan. 10.
- Gleeson, George A., Chicago, Ill. Rouge applicator. 1,919,887; July 25.
- Gleichert, Harry W., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company. Soda ash briquet and making it. 1,906,574; May 2.
- Gleichmann, Hans, Falkenbain near Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam plants. 1,904,443; Apr. 18.
- Glein, Harry F., Portsmouth, Ohio. Injecting device. 1,911,229; May 30.
- Glen, John, Detroit, Mich. Sanding device for automobiles. 1,896,357; Feb. 7.
- Glen, Thomas, Jr., Coogee, New South Wales, Australia. Washboard. 1,934,420; Nov. 7.
- Glenn, Arthur B., Los Angeles, Calif. Engraver's mat. 1,903,813; Apr. 18.
- Glenn, Arthur B., Los Angeles, Calif. Making an artist's mat. 1,923,483; Aug. 22.
- Glenn, Charles S., Syracuse, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 1,925,799; Sept. 5.
- Glenn, Edward R., Philadelphia, Pa. Garment hanger support. 1,893,702; Jan. 10.
- Glenn, Eryll M., and A. M. Wiggins, Sharon, Pa., assignors to Westinghouse Electric and Manufacturing Company. Arc welding apparatus. 1,918,963; July 18.
- Glenn, George G., Los Angeles, Calif. Hinge. 1,923,721; Aug. 22.
- Glenn, John C., Chicago, Ill. Water heater. 1,919,506; July 25.
- Glennan, William S., Norfolk, Va. Therapeutic device. 1,910,328; May 23.
- Glennon, James B., San Diego, Calif., assignor, by mesne assignments, to Lewis R. Smith, receiver of Apco Mossberg Corporation. Indicator. Re18,830; May 16.
- Glenny, Arthur H. T., London, England. Indexing or like apparatus. 1,895,993; Jan. 31.
- Glenny, Clarence S., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Household appliance. 1,909,399; May 16.
- Glick, Albert J., San Diego, Calif. Fuel consumption indicator. 1,914,946; June 20.
- Glidden, Alfred A., and T. M. Knowland, Watertown, Mass., assignors, by mesne assignments, to Hood Rubber Company, Inc., Wilmington, Del. Molded pac type boot and constructing same. 1,899,754; Feb. 28.
- Glidden, Alfred A., and T. M. Knowland, Watertown, and L. H. Burnham, Lexington, Mass., assignors, by mesne assignments, to Hood Rubber Company, Inc., Wilmington, Del. Apparatus for manufacturing footwear. 1,925,899; Sept. 5.
- Glidden, Company, The. (See Johnstone, James O., assignor.)
- Glidden Company, The. (See Moore, Charles G., assignor.)
- Glidden Company, The. (See Moore, C. G., and Drake, assignors.)
- Glidden Company, The. (See Moore, C. G., and Zucker, assignors.)
- Glidden Company. (See O'Brien, William J., assignor.)
- Glidden Company, The. (See O'Brien, W. J., and Drapeau, assignors.)
- Glidden Company, The. (See Rhodes, Herbert L., assignor.)

- Glidden, Harvey L., Lexington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Rack. 1,900,053; Mar. 7.
- Gliddon, Gordon H. (See Ames, A., jr., and Gliddon.)
- Glietenberg, Eugen. (See Hoffa, E., and Glietenberg.)
- Glietenberg, Eugen. (See Neelmeier, W., Rimele, and Glietenberg.)
- Glietenberg, Eugen. (See Orthner, L., and Glietenberg.)
- Glietenberg, Eugen, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polyzodystuffs. 1,901,393; Mar. 14.
- Glietenberg, Eugen, W. Neelmeier, and E. Rimele, Leverkus-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water. 1,906,226; May 2.
- Glinn, Roy J., et al., executors. (See Kemnal, James.)
- Glisson, Lloyd C., New York, N. Y. Water heater. 1,934,496; Nov. 7.
- Glitscher, Karl, Berlin-Dahlen, assignor to Gesellschaft für Elektrische Apparate, m. b. H., Marienfelde, near Berlin, Germany. Indicator. 1,932,210; Oct. 24.
- Globar Corporation, The. (See Benner, R. C., and Baumann, assignors.)
- Globar Corporation. (See Boyer, J. A., and Thompson, assignors.)
- Globar Corporation. (See Hediger, Ernst, assignor.)
- Globar Corporation. (See Heyroth, Albert H., assignor.)
- Globe American Corporation. (See Chester, Alden P., assignor.)
- Globe American Corporation. (See Hill, Dewey H., assignor.)
- Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
- Globe Collapsible Tube Corporation. (See Westgate, Ralph S., assignor.)
- Globe Machine & Stamping Company, The. (See Green, Lee B., assignor.)
- Globe Machinery and Supply Company. (See Bristol, Cyrus J., assignor.)
- Globe Oil Tools Co. (See Howard, John H., assignor.)
- Globe Oil Tools Company. (See Howard, J. H., and Catland, assignors.)
- Globe Oil Tools Company. (See Mackey, T. O., and Howard, assignor.)
- Globe Oil Tools Company. (See Ragsdale, John B., assignor.)
- Globe Oil Tools Company. (See Wright, Jesse C., assignor.)
- Globe Slicing Machine Co. (See Porter, George G., assignor.)
- Globe Ticket Company. (See Thomson, Henry A., assignor.)
- Globe-Wernicke Company, The. (See Schmitz, Fred A., assignor.)
- Gloekler, John E., Pittsburgh, Pa. Sliding door cabinet. 1,920,855; Aug. 1.
- Glomb, John C., Bradfordwoods Borough, Pa. Cigarette extingisher. 1,921,874; Aug. 8.
- Glore, Harry V., Oakland, Calif. Portable electric table stove. Des. 90,877; Oct. 17.
- Gloring, Charles, assignor to Earl Cohen, Los Angeles, Calif. Smoker's stand. Des. 91,025; Nov. 14.
- Glover, Benjamin R., and W. J. B. Nicholson, Tifton, Ga. Water heater. 1,922,581; Aug. 15.
- Glover, Edward G., Pineville, N. C. Nut lock. 1,901,744; Mar. 14.
- Glover, John, Chicago, Ill. Mop head. Des. 90,703; Sept. 19.
- Glover, John, Chicago, Ill. Insecticide holder. Des. 91,064; Nov. 21.
- Glover, John, Chicago, Ill. Mop. 1,912,632; June 6.
- Glover, John, Chicago, Ill. Mop construction. 1,916,218; July 4.
- Glover, John, Chicago, Ill. Collapsible mop head. 1,916,214; July 4.
- Glover, John, Chicago, Ill. Mop. 1,916,834; July 4.
- Glowacki, John B., Chicago, Ill. Renewable fuse element. Re18,886; July 4.
- Glowacki, John B., Chicago, Ill. Drop card protector. 1,901,232; Mar. 14.
- Glowacki, John B., Chicago, Ill. Drop cord and canopy supporting bridge. 1,901,233; Mar. 14.
- Glowacki, John B., Chicago, Ill. Fixture and canopy support. 1,901,234; Mar. 14.
- Glowacki, John B., Chicago, Ill. Fixture bridge. 1,901,235; Mar. 14.
- Glowacki, John B., Chicago, Ill. Nontwistable universal ball and socket joint. 1,927,703; Sept. 19.
- Gluck, Alva F., assignor to The Coated Paper Products Company, Minerva, Ohio. Dispensing carton. 1,905,561; Apr. 25.
- Gluck, Fred C., assignor to The Coated Paper Products Company, Minerva, Ohio. Paper dispensing device. 1,905,562; Apr. 25.
- Gluck, Fred C., assignor to The Coated Paper Products Company, Minerva, Ohio. Container. 1,920,074; July 25.
- Gluck, William S. (See Pollock, Robert T., assignor.)
- Gluckert, Josephine A., Philadelphia, Pa. Bottle base shoe. 1,907,293; May 2.
- Gluckman, Aaron, assignor to Wise Shoe Co. Inc., New York, N. Y. Bottle. Des. 90,760; Sept. 26.
- Glue Research Corporation. (See Price, Ralph H., assignor.)
- Glued, Wilhelm, assignor to Gesellschaft für Kohlentechnik mit beschränkter Haftung, Dortmund-Eving, Germany. Producing guanidine-thiocyanate. 1,902,400; Mar. 21.
- Gminder, Emil, Reutlingen, Germany. Apparatus for treating fibrous material. 1,906,850; May 2.
- Gnadinger, Charles B., Minneapolis, Minn. Insecticide. 1,915,662; June 27.
- Goard, Clara E., Denver, Colo. Typewriter brush. 1,899,090; Feb. 28.
- Goat Radio Tube Parts, Inc. (See Hafecost, Frederick, assignor.)
- Gobeille, Alfred A., et al. (See Kenyon, Charles F., assignor.)
- Gobeille, Alfred A., Shannock, R. I. Warping creel spool tension device. 1,914,014; June 13.
- Gobeille, Alfred A., assignor to Columbia Narrow Fabric Company, Shannock, R. I. Fabric. 1,922,943; Aug. 15.
- Gobeille, Alfred A., assignor to Columbia Narrow Fabric Company, Shannock, R. I. Elastic woven fabric. 1,922,944; Aug. 15.
- Gobereau, Robert R., and L. E. Maujole, deceased, Paris, France; A. J. Chardin, administrator, assignor to said R. R. Gobereau. Propeller. Re18,957; Sept. 26.
- Goble, Bert G., Tulsa, Okla., assignor to W. A. Quigley. Rainproof cap and knockoff for pitmen or supports. 1,935,396; Nov. 14.
- Goble, William E., assignor of one-half to Kyle and Company, Fresno, Calif. Bearing for earth working tools. 1,932,619; Oct. 31.
- Goch, Joseph, Amsterdam, N. Y. Beam and mounting frame for Axminster looms. 1,903,040; Mar. 28.
- Goch, Joseph, Chicago, Ill. Window platform. 1,938,747; Dec. 12.
- Gocher, William S., Fairfield, and A. N. Parrett, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber coated fabric. 1,931,110; Oct. 17.
- Gockel, Heinrich, Leverkus-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of metallic coatings. 1,903,860; Apr. 18.
- Gockstetter, George, Canton, Ohio. Lock for light bulbs. 1,920,011; July 25.
- Goddard, Alvin C., Forest Hills, and H. P. Le Viness, Queens Village, N. Y. Glazing clip. 1,939,892; Dec. 19.
- Goddard, Amos B., Salida, Colo. Train order delivery mechanism. 1,909,266; May 16.
- Goddard, George N., Newton, Mass. Device for spinning and twisting textile fibers. 1,905,280; Apr. 25.
- Goddard, George W., Rantoul, Ill. Automatic photographic apparatus. 1,936,595; Nov. 28.
- Goddard, John V., Trentham, England, assignor to H. C. Edmiston, New York, N. Y. Covered dish or similar article. Des. 89,396; Mar. 7.
- Goddard, Robert H., assignor of one-half to G. Crompton, Worcester, Mass. Propulsion of aircraft. 1,929,778; Oct. 10.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting mechanism. 1,895,457; Jan. 31.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,902,162; Mar. 21.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,908,416; May 9.
- Goddu, George, deceased; Isabelle W. Goddu, executrix, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,915,306; June 27.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,916,263; July 4.
- Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,920,501; Aug. 1.
- Goddu, George, Winchester, and L. S. MacDonald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for use in the manufacture of boots and shoes. 1,914,416; June 20.
- Goddu, George, Winchester, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Manufacture of shoes. 1,932,544; Oct. 31.
- Goddu, George, Winchester, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Manufacture of shoes. 1,932,545; Oct. 31.
- Goddu, Isabelle W., executrix. (See Goddu, George.)
- Goddu, Lloyd W., assignor to American Optical Company, Southbridge, Mass. Abrading. 1,899,862; Feb. 28.
- Godefroy Manufacturing Company. (See De Vaultier, Simon, assignor.)
- Godek, Boleslas A., Paris, France. Fountain pen. 1,931,842; Oct. 24.
- Godel, Albert, assignor to Société de Recherches & d'Exploitations Pétrolifères, Paris, France. Activation of carbonaceous substances. 1,893,363; Jan. 3.
- Godel, Albert, assignor to Société de Recherches & d'Exploitation Pétrolifères, Paris, France. Activation of carbonaceous substances. 1,920,172; Aug. 1.
- Godel, Albert, assignor to Société de Recherches & d'Exploitations Pétrolifères, Paris, France. Recovering volatile substances. 1,934,301; Nov. 7.

- Godfrey, Alfred A., assignor to Linoleum Manufacturing Company, Limited, London, England. Manufacture of linoleum or like material. 1,907,289; May 2.
- Godfrey, Alfred A., assignor to Linoleum Manufacturing Company, Limited, London, England. Covering for floors, walls, and the like. 1,925,921; Sept. 5.
- Godfrey, Bert O., Brooklyn, N. Y. Direct-reading pitchometer. 1,932,103; Oct. 24.
- Godfrey, Earl V., Girard Township, Erie County, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,925,800; Sept. 5.
- Godfrey, Elmore, M., jr., Knoxville, Tenn. Holder support for hand assembling valve stems and pneumatic tubes. 1,893,645; Jan. 10.
- Godfrey, William P., Brooklyn, N. Y. Hinge. 1,910,102; May 23.
- Godley, Charles E. (See Falge, R. N., and Godley.)
- Godley, Charles E., Ypsilanti, assignor to General Motors Research Corporation, Detroit, Mich. Lamp socket. 1,897,797; Feb. 14.
- Godley, Charles E., Ypsilanti, assignor to General Motors Research Corporation, Detroit, Mich. Lens mounting. 1,902,997; Mar. 28.
- Godley, Charles E., Ypsilanti, assignor to General Motors Research Corporation, Detroit, Mich. Lamp socket. 1,916,194; July 4.
- Godman, Henry C., Palo Alto, Calif. Miniature airplane. 1,927,399; Sept. 19.
- Godman, Thomas, Stroud, England. Drive transmission arrangements of independently sprung wheels of road vehicles. 1,939,494; Dec. 12.
- Gödrich, Paul, Munich, Germany, assignor to Goedrich Chemical Company, New York, N. Y. Making water soluble disinfectants. 1,930,474; Oct. 17.
- Godron, William G. G., New York, N. Y. Sealing device. 1,936,430; Nov. 21.
- Godsey, Frank W., jr. (See Von Ohlsen, L. H., and Godsey.)
- Godsey, Frank W., jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Vehicle driving apparatus and system. 1,896,169; Feb. 7.
- Godsey, Frank W., jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Vehicle driving apparatus and system. 1,896,170; Feb. 7.
- Godsey, Frank W., jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Vehicle driving apparatus and system. 1,899,193; Feb. 28.
- Godsey, Frank W., jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Vehicle Driving apparatus and system. 1,900,706; Mar. 7.
- Godsey, Frank W., jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Regulation of alternating current circuits. 1,900,707; Mar. 7.
- Godshalk, Clarence A., Ardmore, Pa. Safety razor. 1,901,591; Mar. 14.
- Godshalk, Clarence A., Ardmore, and F. Henke and D. Behrsing, Philadelphia, assignors, by mesne assignments, to Ocean City Manufacturing Co., Philadelphia, Pa. Fishing reel. 1,904,992; Apr. 25.
- Godward, Ernest R., New York, N. Y., assignor to The Eclipse Petrol Economiser System Company, Limited, Christchurch, New Zealand. Fuel delivery system for internal combustion engines. 1,896,401; Feb. 7.
- Godwin, Alfred L. (See Damerell, Mark H., assignor.)
- Gody, Henri, Amboise, assignor to Anciens Etablissements Daverdrey & Bloquel, Saint Nicolas d'Algermont, (Seine Inferieure), France. Combined alarm clock and barometer. 1,913,481; June 13.
- Goebel, Louis, Babylon, N. Y. Ornamented lining fabric. 1,919,018; July 18.
- Goebel, Botho, assignor to Karl Stöckel, Leipzig, Germany. Fastening device. 1,923,262; Aug. 22.
- Goebel, Edward F., Grand Rapids, Mich. Draft regulator. 1,935,795; Nov. 21.
- Goebel, George, assignor to Canfield Rubber Company, Bridgeport, Conn. Mold separating press. 1,934,188; Nov. 7.
- Goebel, Hans. (See Schoeller, W., and Goebel.)
- Goebel, Hans. (See Schoeller, W., Schwenk, Goegel, and Michael.)
- Goebel, Max, Grand Rapids, Mich. Pipe cutter. 1,897,374; Feb. 14.
- Goebel, Max, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Reactivation of spent filter materials. 1,905,087; Apr. 25.
- Goebels, Paul, assignor to G. Polysius Aktiengesellschaft, Dessau, Germany. Apparatus for conveying pulverulent material. 1,935,843; Nov. 21.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa. Gun carriage. 1,894,680; Jan. 17.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa., and T. A. Conlon, Silver Spring, Md. Variable recoil mechanism for guns. 1,898,089; Feb. 21.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa., and T. A. Conlon, Silver Spring, Md. Bogie. 1,899,145; Feb. 28.
- Goebert, Elmer C., U. S. Army, Philadelphia, Pa. Jack. 1,936,596; Nov. 28.
- Goehl, Adolph and R. Gedeon, Eggleston Township, Muskegon County, Mich. Milk-cooling and temperature stabilizing device. 1,894,443; Jan. 17.
- Goecke, Rudolph F., Elyria, Ohio, assignor to The Pfau-ler Co., Rochester, N. Y. Tank and valve fitting therefor. 1,939,495; Dec. 12.
- Goede, Albert. (See Ponti, L. J., and Goede.)
- Goedike, John G., San Antonio, Tex. Lithographic ink. 1,935,629; Nov. 21.
- Goedrich Chemical Company. (See Gödrich, Paul, assignor.)
- Goehner, William R., East Orange, N. J., and W. Herriott, Freeport, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound film recording apparatus. 1,938,694; Dec. 12.
- Goehring, William F., Baltimore, Md. Clutch. 1,903,993; Apr. 18.
- Goeller, Lawrence E., Circleville, Ohio. Collapsible stool. 1,896,446; Feb. 7.
- Goeller, Lawrence E., assignor to The M. G. Goeller's Sons Co., Circleville, Ohio. Broom. 1,899,322; Feb. 28.
- Goeller's, M. G. Sons Co., The. (See Goeller, Lawrence E., assignor.)
- Goeltz, William L., Caldwell, N. J. Structural unit. 1,911,018; May 23.
- Goenen, Leo E., and J. A. Garrow, assignors to The Fritz-Cross Company, St. Paul, Minn. Chair. 1,913,751; June 13.
- Goepel, Margaret, New York, N. Y. Bill bank. 1,917,517; July 11.
- Goepfrich, Rudolph A., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 1,919,550; July 25.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,926,379; Sept. 12.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Making a brake shoe. 1,935,357; Nov. 14.
- Goergens, George R., Washington, D. C., assignor to A. M. Hyde, Secretary of Agriculture of the United States of America. Printing machine for making film strip slides from positive or negative motion picture films. 1,923,087; Aug. 22.
- Goering, Charles, South Norwalk, Conn. Window. 1,924,782; Oct. 29.
- Goeriz, Oscar C., Oakland, Calif. Ball joint for pipe lines. 1,906,575; May 2.
- Goerke, Edwin O. (See Fiegel, W. J., and Goerke.)
- Goerner, Otto, New York, N. Y. Billiard table. 1,925,692; Sept. 5.
- Goertz, August & Co. (See Goertz, F., and Baltzley, assignors.)
- Goertz, Frederick. (See Baltzley, L. E., and Goertz.)
- Goertz, Frederick, South Orange, and L. E. Baltzley, Glen Ridge, N. J., assignors to August Goertz & Co., Inc. Smoking stand. 1,907,788; May 9.
- Goertz, Frederick, South Orange, and L. E. Baltzley, Glen Ridge, N. J., assignors to August Goertz & Co., Inc. Structural joint. 1,917,365; July 11.
- Goertz, Frederick, South Orange, and L. E. Baltzley, Glen Ridge, N. J., assignors to August Goertz & Co., Inc. Metallic receptacle. 1,934,686; Nov. 14.
- Goerz, C. P., American Optical Company. (See Mueller, Emil M., assignor.)
- Goese, Arthur A., and W. A. Starck, Milwaukee, Wis. Heating apparatus. 1,931,843; Oct. 24.
- Goesser, Edwin W., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary draw works with adjustable jack shaft. 1,899,953; Mar. 7.
- Goettsch, William H., Holstein, Iowa. Brooder alarm. 1,893,407; Jan. 3.
- Goetz, Gottfried, assignor to Ludwig Kern, Webster Groves, Mo. Traveling loading device. 1,918,029; July 11.
- Goetz, Gottfried, assignor to L. Kern, Webster Groves, Mo. Closure means for coking retorts. 1,933,729; Nov. 7.
- Goetz, Harry, assignor to Yale Slot & Slug Company, Chicago, Ill. Slot and slug for check controlled apparatus. 1,929,740; Oct. 10.
- Goetz, Herbert W. (See Ferlin, J. J., and Goetz.)
- Goetze, Karl, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Desulphurization of gases. 1,911,498; May 30.
- Goetzelman, William, Chicago, Ill., assignor to Appleton Electric Company. Pipe connector. 1,902,229; Mar. 21.
- Goetzelman, William, Chicago, Ill., assignor to Appleton Electric Company. Conduit clamp for connecting boxes. 1,914,635; June 20.
- Goetzelman, William, Chicago, Ill., assignor to Appleton Electric Company. Temporary cover for switch boxes. 1,935,565; Nov. 14.
- Goff, Jennie H., Lisbon Falls, Me. Wall paper. 1,900,987; Mar. 14.
- Goff, Leonard D., Three Rivers, Mich. Steam joint. 1,929,635; Oct. 10.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Circuit controller. 1,918,030; July 11.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,919,979; July 25.
- Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Switch and operating mechanism therefor. 1,935,442; Nov. 14.
- Goff, Thomas L., Duquoin, Ill. Shock absorbing derrick mast for well drilling machines. 1,893,408; Jan. 3.
- Gohara, Akira, Omiyadori Shijoagaru, Nakakyoku, Kyoto, Japan. Talking apparatus to be connected with a cash register. 1,929,141; Oct. 3.

- Gohorel, Fernand, Paris, France, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Semi-automatic telephone system. 1,907,062; May 2.
- Gohr, Edwin J., Elizabeth, N. J., assignor to Standard-I. G. Company. Treating hydrocarbons. 1,904,133; Apr. 18.
- Gohr, Edwin J., Baytown, Tex., assignor to Standard-I. G. Company. Manufacture of high grade burning oils and antiknock motor fuels. 1,933,107; Oct. 31.
- Gohr, Edwin J., Baytown, Tex., assignor to Standard-I. G. Company. Producing high-grade motor fuels from heavier carbonaceous material. 1,934,054; Nov. 7.
- Gohr, Edwin J., Baytown, Tex., assignor to Standard-I. G. Company. Separation of hydrogenated hydrocarbons. 1,934,055; Nov. 7.
- Goin, Newbold C. (See Shirk, W. B., Brace, and Goin.)
- Going, George G., Middletown, Conn., assignor, by mesne assignments, to Remington Typewriter Company. Typewriting machine. 1,900,102; Mar. 7.
- Going, George G., Glenbrook, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,908,140; May 9.
- Going, George G., Middletown, Conn., assignor, by mesne assignments, to Remington Typewriter Company. Typewriting machine. 1,910,329; May 23.
- Going, George G., Glenbrook, Conn., assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 1,913,753; June 13.
- Going, George G., Glenbrook, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,928,374; Sept. 26.
- Going, George G., Glenbrook, Conn., assignor to Remington Rand Inc., New York, N. Y. Typewriting machine. 1,932,620; Oct. 31.
- Going, George G., Stamford Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,937,692; Dec. 5.
- Going, George G., Stamford Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,937,693; Dec. 5.
- Goinis, Bliton B., Export, Pa. Table or shelf for a stove. 1,903,262; Mar. 28.
- Golanke, Alexander S., Milwaukee, Wis. Gauge for use in trimming moustaches. 1,907,063; May 2.
- Golber, Hyman, assignor to Complete Calculator Company, Chicago, Ill. Calculating machine. Re18,979; Oct. 24.
- Gold Car Heating & Lighting Company. (See Ackerman, Howard B., assignor.)
- Gold Car Heating & Lighting Company. (See Dearborn, Frank W., assignor.)
- Gold Dust Corporation. (See Booth, Lance E., assignor.)
- Gold Dust Corporation. (See Walker, W. H., and Benedict, assignors.)
- Gold, Harriet, et al. (See Hopp, Leo, assignor.)
- Gold, Richard, and J. Schmauss, Vienna, Austria. Electromotor. 1,914,714; June 20.
- Gold, Richard, and J. Schmauss, Vienna, Austria. Electromotor. 1,930,797; Oct. 17.
- Gold, Samuel B., assignor to Weber Engine Company, Kansas City, Mo. Exhaust silencer. 1,906,956; May 2.
- Goldberg, Abraham G., Boston, Mass. Wind deflector for vehicles. 1,922,159; Aug. 15.
- Goldberg, Abraham G., Quincy, Mass. Frame for number plates and the like. 1,927,564; Sept. 19.
- Goldberg, Edward S., assignor to J. R. Bunting Company, Philadelphia, Pa. Glider. 1,928,933; Oct. 3.
- Goldberg, Harry. (See Goldberg, Hymen and Harry.)
- Goldberg, Hymen and H. Schenectady, N. Y. Separable button. 1,895,984; Jan. 31.
- Goldberg, Isaac, Kansas City, Mo. Shirt board. 1,907,280; May 2.
- Goldberg, Isidor. (See Parisi, Michael, assignor.)
- Goldberg, Isidor, assignor to Pilot Radio and Tube Corporation, New York, N. Y. Cabinet for radioreceivers. Des. 89,555; Mar. 28.
- Goldberg, Jack, et al. (See Schlesinger, Harry, assignor.)
- Goldberg, Jacob M. (See Goldberg, Louis B., N. W., and J. M.)
- Goldberg, Leo J., Hewlett, assignor to Leonora Silk Underwear Company, Inc., New York, N. Y. Nightgown. Des. 89,178; Feb. 7.
- Goldberg, Leon J., Schenectady, N. Y., assignor to General Electric Company. Electrical control system. 1,931,111; Oct. 17.
- Goldberg, L. B., N. W., and J. M., Denver, Colo. Reflector. Des. 91,110; Nov. 28.
- Goldberg, L. B., N. W., and J. M., Denver, Colo. Stove-pipe joint. 1,907,536; May 9.
- Goldberg, Mark J., Beloit, Wis., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Combustion chamber. 1,917,883; July 11.
- Goldberg, Mark J., Beloit, Wis., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Valve arrangement for oil engines. 1,927,311; Sept. 19.
- Goldberg, Mark J., Beloit, Wis., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Fuel pump for oil engines. 1,931,691; Oct. 24.
- Goldberg, Max, New York, N. Y. Fabric treating compound. 1,896,815; Feb. 7.
- Goldberg, Max W., assignor to Modern Equipment Company, Port Washington, Wis. Sand handling and conditioning apparatus. 1,912,837; June 6.
- Goldberg, Maximilian M., assignor to The National Cash Register Company, Dayton, Ohio. Auditing machine. 1,898,048; Feb. 21.
- Goldberg, Meyer R., Newport News, Va. Folding armrest table. 1,936,013; Nov. 21.
- Goldberg, Morris J., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Lubricating system. 1,912,190; May 30.
- Goldberg, Morris J., and F. C. Teuff, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Reversing and control mechanism for internal combustion engines. 1,900,054; Mar. 7.
- Goldberg, Nathan. (See Goldberg, Louis B., N. W., and J. M.)
- Goldberg, Nathaniel, Brooklyn, N. Y. Bedspring. 1,908,665; May 9.
- Goldberg, Samuel D., assignor to Novocor Chemical Mfg. Co. Inc. Brooklyn, N. Y. Anaesthetic composition. 1,924,655; Aug. 29.
- Goldberg, William. (See Goldberg, Louis B., N. W., and J. M.)
- Goldberger, Hugo, assignor to Noveltex, Inc., New York, N. Y. Apron. Des. 88,958; Jan. 10.
- Goldberger, Hugo, assignor to Noveltex, Inc., New York, N. Y. Apron. Des. 88,959; Jan. 10.
- Goldberger, Hugo, assignor to Noveltex, Inc., New York, N. Y. Apron. Des. 88,960; Jan. 10.
- Goldberger, Hugo, New York, N. Y., assignor to Noveltex, Inc. Printed textile for making one-piece cut-out aprons. 1,898,950; Feb. 21.
- Goldblatt, Louis E., Brooklyn, N. Y. Stretcher. 1,901,641; Mar. 14.
- Golden, A. H. (See Mitchell, Richard S. M., assignor.)
- Golden, Charles H., Green Island, and J. B. Smith, Troy, N. Y. Electric swivel connector. 1,929,686; Oct. 10.
- Golden, John H., assignor of one-half to C. M. Sewell, Porterville, Calif. Arch support. 1,902,952; Mar. 28.
- Golden, Kenneth E., Spokane Wash., assignor, by mesne assignments, to Ray-dio-Ray Manufacturing Corporation, Portland, Ore. Electric applicator machine. 1,914,947; June 20.
- Golden, Kenneth E., assignor to Ray-dio-Ray Corporation, Spokane, Wash. Electrical discharge head. 1,925,243; Sept. 5.
- Golden, Kenneth E., assignor to Ray-dio-Ray Corporation, Spokane, Wash. Applicator. 1,927,089; Sept. 19.
- Golden, Kenneth E., assignor to Ray-dio-Ray Corporation, Spokane, Wash. Electrical sterilizing apparatus. 1,934,703; Nov. 14.
- Golden, Kenneth E., assignor to Ray-dio-Ray Corporation, Spokane, Wash. Electrical sterilizing apparatus. 1,934,704; Nov. 14.
- Golden, Louis J., assignor to B. & B. Shoe Company, Chicago, Ill. Box. 1,929,490; Oct. 10.
- Golden, Thomas H., Pottsville, Pa., assignor to Phillips-Jones Corporation, New York, N. Y. Shirt package. 1,906,150; Apr. 25.
- Goldenberg, Fred, Bronx, N. Y. Gridiron. 1,899,682; Feb. 28.
- Goldenberg, Michael, Philadelphia, Pa. Ice skate and ice skate shoe protector. 1,926,514; Sept. 12.
- Goldfield, Edwin R., and C. Horsley, assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray apparatus. 1,933,325; Oct. 31.
- Goldfinger, Theodore. (See Lewinsohn, H., and Goldfinger.)
- Goldfisch, Philip A., assignor to Laboratory Construction Company, Kansas City, Mo. Extraction apparatus. 1,937,694; Dec. 5.
- Goldhagen, Harry, New York, N. Y., and O. H. Cornelius, Maspeth, N. Y. Pipe joint compound. 1,917,027; July 4.
- Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Driving mechanism in cinematograph apparatus. 1,909,759; May 16.
- Goldhammer, Leo, and F. Stiefenhofer, Munique, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Film reel for cinematograph apparatus. 1,924,093; Aug. 29.
- Golding, John, Shinfeld, England. Evaporating apparatus. 1,922,914; Aug. 15.
- Goldinger, Carl M., Tarentum, Pa., assignor to Union Metal Products Company, Chicago, Ill. Operating device for railway car couplers. 1,939,893; Dec. 19.
- Goldkamp, Otto B., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Fluid pressure controlling means. 1,892,883; Jan. 3.
- Goldkamp, Otto B., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Cleaner for fluids. 1,917,643; July 11.
- Goldkind, Mordecai, Washington, D. C. Portable electric refrigerator and casing therefor. 1,938,141; Dec. 5.
- Goldman, Benjamin, New York, N. Y. Golf tee and support therefor. 1,936,625; Nov. 28.
- Goldman, Jacob S., Port Huron, Mich. Ash trays for card tables. 1,903,994; Apr. 18.
- Goldman, John J., assignor to Samuel J. Goldman, Philadelphia, Pa. Facial pad. 1,929,062; Oct. 3.
- Goldman, Julius, and D. Lamin, Los Angeles, Calif.; said Lamin assignor to said Goldman. Flying machine. 1,896,511; Feb. 7.
- Goldman, Martha, New York, N. Y. Novelty jewelry pendant. Des. 89,953; May 23.

- Goldman, Max H., Chicago, Ill. Collar button. 1,937,515; Dec. 5.
- Goldman, Nathan. (See Cole, Gerard McL., assignor.)
- Goldman, Oscar G., San Francisco, Calif. Fluid pressure controlling apparatus. 1,938,958; Dec. 12.
- Goldman, Otto Berger, Walnut Park, Calif. Drilling mechanism. 1,913,752; June 13.
- Goldman, Samuel J. (See Goldman, John J., assignor.)
- Goldman, Samuel, St. Clair, Ill. Display shelf construction. 1,928,151; Sept. 26.
- Goldman, Samuel W., et al. (See Schultis, Charles F., assignor.)
- Goldman, William, Brooklyn, N. Y. Garment steaming and pressing machine. 1,915,821; June 27.
- Gold Medal Folding Furniture Co. (See Danzer, Fred P., assignor.)
- Goldner, Edward L., Philadelphia, Pa. Rim lock for motor vehicle wheels. 1,932,310; Oct. 24.
- Goldner, George W., Jackson, Mich., assignor to Line Material Company, Milwaukee, Wis. Lighting fixture. 1,918,031; July 11.
- Goldrei, S. B., the Firm. (See Goldrei, Simon, assignor.)
- Goldrei, Simon, assignor to the Firm S. B. Goldrei, Leipzig, Germany. Egg testing apparatus. 1,906,459; May 2.
- Goldsborough, John B., Croton-on-the-Hudson, N. Y. Construction of retaining walls. 1,895,985; Jan. 31.
- Goldsborough, John B., Croton-on-Hudson, assignor to Underpinning and Foundation Company, New York, N. Y. Jacketed apparatus for converting organic matter. 1,919,836; July 25.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. High-speed impedance-responsive relay. 1,934,662; Nov. 7.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. High-speed impedance relay element. 1,934,663; Nov. 7.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. High-speed directional relay element. 1,934,664; Nov. 7.
- Goldsborough, Shirley L., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Timing relay element. 1,934,665; Nov. 7.
- Goldsborough, Thaddeus R., assignor to Radio Corporation of America, Merchantville, N. J. Indicating device. 1,929,668; Oct. 10.
- Goldsborough, Winder E. (See Griswold, R. G., and Goldsborough.)
- Goldsborough, Winder E., South Norwalk, Conn., assignor to Doherty Research Company, New York, N. Y. Double acting engine. 1,908,289; May 9.
- Goldsborough, Winder E., South Norwalk, Conn., assignor to Doherty Research Company, New York, N. Y. Combined fuel pump and injection valve. 1,911,499; May 30.
- Goldsborough, Winder E., South Norwalk, Conn., assignor to Doherty Research Company, New York, N. Y. Eccentric driven high pressure pump. 1,921,816; Aug. 8.
- Goldsborough, Winder E., South Norwalk, Conn., assignor to Doherty Research Company, New York, N. Y. Balanced valves. 1,926,529; Sept. 12.
- Goldsborough, Winder E., South Norwalk, Conn., and R. E. Lowe, assignors to Doherty Research Company, New York, N. Y. Coating articles with refractory. 1,897,003; Feb. 7.
- Goldsbrough, Robert E., Slough, England. Production of benzenes, benzenes, and other hydrocarbons from coal tars and oils. 1,903,568; Apr. 11.
- Goldsbrough, Robert E., Slough, England. Production of benzenes, benzenes, and other hydrocarbons from coal tars and oils. 1,927,452; Sept. 19.
- Goldschmidt, Jacob, Dusseldorf, Germany. Machine for making pads for sock holders. 1,920,902; Aug. 1.
- Goldschmidt, Max, Frankfurt-on-the-Main, assignor to the Firm Fichtel & Sachs A. G., Schweinfurt-on-the-Main, and Mecano Gesellschaft mit beschränkter Haftung, Frankfurt-on-the-Main, Germany. Adjustable disk clutch. 1,901,856; Mar. 14.
- Goldschmidt, Max, assignor of one-third to Mecano, Gesellschaft mit beschränkter Haftung, Frankfurt-on-the-Main, and one-third to Fichtel & Sachs A. G., Schweinfurt-on-the-Main, Germany. Disk clutch. 1,915,732; June 27.
- Goldschmidt, Rudolf, Charlottenburg, Germany, assignor, by mesne assignments, to Nathan Kann, New York, N. Y. Shaft coupling with power shortage. 1,923,368; Aug. 22.
- Goldschmidt, Victor M., Gottingen, and K. Sierentopf, assignors to Metallgesellschaft Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacturing highly refractory products. 1,926,094; Sept. 12.
- Goldsholl, Morton, Chicago, Ill. Pocket keyholder. Des. 89,695; Apr. 25.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Ultra-short wave repeating system. 1,918,262; July 18.
- Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Television system. 1,924,277; Aug. 29.
- Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Signal relaying system. 1,927,827; Sept. 26.
- Goldsmith, Alfred N., and I. Wolff, New York, N. Y., assignors to Radio Corporation of America. Sound reproducer. 1,902,442; Mar. 21.
- Goldsmith, Bertram J., Allentown, Pa. Ribbon package. 1,895,758; Jan. 31.
- Goldsmith, Bertram J., Allentown, Pa., and J. W. Stark, New York, N. Y. Ribbon reel. 1,906,055; Apr. 25.
- Goldsmith, Bertram J., Allentown, Pa. Hank or skein-winding mechanism. 1,938,900; Dec. 12.
- Goldsmith, Chester H. (See Richter, G. A., and Goldsmith.)
- Goldsmith, Edwin M., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Button-hole tape. 1,902,553; Mar. 21.
- Goldsmith, Edwin M., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Mounting and display means for articles of merchandise. 1,929,167; Oct. 3.
- Goldsmith, Hugo, executor, et al. (See Kiefer, Karl.)
- Goldsmith, Lester M., Highland Park, Pa. Centrifugal pump. 1,929,309; Oct. 3.
- Goldsmith, Max S., Cincinnati, Ohio. Concrete floor construction. 1,924,035; Aug. 22.
- Goldsmith, P., Sons Company, The. (See Sonnett, William A., assignor.)
- Goldsmith, William M., Cincinnati, Ohio. Concrete building. 1,914,417; June 20.
- Goldstein, Alec S. (See Welkowitz, N., and Goldstein.)
- Goldstein, Richard F., Sedgley Park, Prestwich, and A. Y. Livingstone, Huddersfield, England, assignors to Imperial Chemical Industries, Limited. Dyeing. 1,921,078; Aug. 8.
- Goldstein, Samuel, Boston, Mass. Hanger. 1,916,835; July 4.
- Goldstein, Simon I., Baltimore, Md. Umbrella holder. 1,915,020; June 20.
- Goldstein-Wilkins Corporation. (See Christen, Marcel, assignor.)
- Goldstein-Wilkins Corporation. (See Cusson, Sylvain, assignor.)
- Goldstein-Wilkins Corporation. (See Grulich, Anton, assignor.)
- Goldstein-Wilkins Corporation. (See Kohut, Alexander, assignor.)
- Goldstein-Wilkins Corporation. (See Matifas, Gaston, assignor.)
- Goldstein-Wilkins Corporation. (See Pulitzer, Gustav M., assignor.)
- Goldstein-Wilkins Corporation. (See Reiman, Paul, assignor.)
- Goldstein-Wilkins Corporation. (See Rota, Alex, assignor.)
- Goldstein-Wilkins Corporation. (See Rubinger, Louis, assignor.)
- Goldstein-Wilkins Corporation. (See Speck, Walter, assignor.)
- Goldstein-Wilkins Corporation. (See Susi, Michelangelo, assignor.)
- Goldstein-Wilkins Corporation. (See Susi, Michelangelo A., assignor.)
- Goldstein-Wilkins Corporation. (See Van Benthuyssen, Herbert L., assignor.)
- Goldstone, Jacob. (See Brooks, J. H., and Goldstone.)
- Goldthwait, Charles F., Mount Lebanon Township, Allegheny County, Pa., assignor, by mesne assignments, to Textile Machinery Corporation. Modified cotton. 1,901,095; Mar. 14.
- Goldthwaite, George R., Readville, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Motor suspension. 1,930,971; Oct. 17.
- Goldtrap, Charley L., Phoenix, Ariz. Recording device for airplanes. 1,899,614; Feb. 28.
- Goldwyn, George I., Chicago, Ill. Bag. 1,893,888; Jan. 10.
- Goldwyn, George I., Chicago, Ill. Burlap bag. 1,924,492; Aug. 29.
- Goldwyn, Herman. (See Havel, Paul E., assignor.)
- Goletz, Albert, Crescent, Ohio, assignor to Phillips Mine and Mill Supply Company, Pittsburgh, Pa. Drawbar construction for mine cars and the like. 1,917,028; July 4.
- Golike, Charles H., Evansville, Ind., assignor to Industrial Patents Corporation, Chicago, Ill. Tire carrier. 1,913,835; June 13.
- Golish, Frank A., South Gate, assignor of one-half to G. E. Fentress, Los Angeles, Calif. Underreamer. 1,906,056; Apr. 25.
- Golladay, Lawrence R. (See Wagner, C. F., and Golladay.)
- Golladay, Lawrence R., Wilksburg, and C. H. Hodgkins, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Secondary vacuum system. 1,940,857; Dec. 26.
- Goller, Hubert. (See Winkler, E. C., and Goller.)
- Golley, Earl K. (See Burgess, W. S., and Golley.)
- Gollmar, Herbert A., East Orange, N. J., assignor to The Koppers Company of Delaware. Gas purification material and using the same. 1,924,185; Aug. 29.
- Gollmar, Herbert A., West Caldwell, N. J., assignor to The Koppers Company of Delaware. Gas purification. 1,937,196; Nov. 28.
- Gollnick, Louis R., Chicago, assignor of one-half to R. K. Neukranz, Wilmette, Ill. Storm window. 1,940,796; Dec. 26.
- Gollong, Richard, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Gasket. 1,928,251; Sept. 26.
- Gollong, Richard, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Middle gasket. 1,928,252; Sept. 26.

- Gollong, Richard, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Twisting cap. 1,928,253; Sept. 26.
- Gollong, Richard J., Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Calking and centering means. 1,923,927; Aug. 22.
- Gollong, Richard J., and R. H. Carter, Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Swivel joint. 1,908,598; May 9.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,898,361; Feb. 21.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,898,362; Feb. 21.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Addressing machine. 1,900,281; Mar. 7.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing machine. 1,930,798; Oct. 17.
- Gollwitzer, Walter T., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,930,799; Oct. 17.
- Gollwitzer, Walter T., assignor to Speedumat Manufacturing Company, Chicago, Ill. Printing machine. 1,937,145; Nov. 28.
- Golon, Frank M., Springfield, Mass. Lining for oil burner bases. 1,933,902; Nov. 7.
- Golon, Frank M., A. Morawski, and A. Krasen, Springfield, Mass.; said Morawski and said Krasen assignors to said Golon. Device for supporting Frankfurters or sausage links while being smoked or cured. 1,912,633; June 6.
- Golrick, Albert R., Shaker Heights, and R. H. McBreen, Berea, assignors to The Elwell Parker Electric Company, Cleveland, Ohio. Load handling mechanism. 1,914,118; June 13.
- Golt, Henry A., Wilmington, Del. Guide for bricklayers' use. 1,909,267; May 16.
- Goltry, Edwin L., Red Oak, Iowa. Combined shackle and bearing mounting for vehicle springs. 1,922,000; Aug. 8.
- Goltry, Edwin L., Red Oak, Iowa. Spring structure. 1,922,001; Aug. 8.
- Goltry, Edwin L., Red Oak, Iowa. Steering knuckle. 1,932,340; Oct. 24.
- Gomery, Joseph, Los Angeles, Calif. Static eliminator. 1,898,770; Feb. 21.
- Gomes, Earl S., Cincinnati, Ohio. Fiberboard shipping carton. Re18,892; July 11.
- Gomes, Earl S., Cincinnati, Ohio. Fiberboard shipping container. 1,926,941; Sept. 12.
- Gomez, Greci G., Johnsonburg, Pa. Graphite anode. 1,912,272; May 30.
- Gommel, Dewey E., assignor to E. C. Atkins & Company, Indianapolis, Ind. Saw tooth shaper. 1,909,268; May 16.
- Gommel, Dewey E., assignor to E. C. Atkins and Company, Indianapolis, Ind. Saw-svage. 1,915,225; June 20.
- Gomory, William L., Paris, France, assignor to Standard Oil Development Company. Art of and apparatus for converting hydrocarbons. 1,933,108; Oct. 31.
- Gomory, William L., Paris, France, assignor to Standard Oil Development Company. Apparatus for converting hydrocarbons. 1,934,056; Nov. 7.
- Gonard, John L., Englewood Cliffs, N. J. Device for preventing retrograde movement of an automobile. 1,903,178; Mar. 28.
- Gonard, John L., Englewood Cliffs, N. J. Device for preventing retrograde movement of a vehicle. 1,911,686; May 30.
- Gong Bell Manufacturing Company, The. (See Allen, Harold D., assignor.)
- Gong Bell Manufacturing Company, The. (See Voisin, Leon J., assignor.)
- Gongaware, William F., Santa Monica, Calif. Firecracker tube rolling machine. 1,900,928; Mar. 14.
- Gonser, Bruce W., Arlington, Mass., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for sintering. 1,926,043; Sept. 12.
- Gonser, Bruce W., Arlington, Mass., assignor to American Smelting and Refining Company, New York, N. Y. Sintering. 1,926,044; Sept. 12.
- Gonsett, Robert R., assignor of one-fifth to B. Walker, Los Angeles, Calif., one-fifth to W. D. Spencer, and nineteen-fortieths to C. L. and V. Ullom, and C. Oxley. Body vibrator. 1,926,530; Sept. 12.
- Gonyk, Ignatz, Vienna, Austria. Lubricating device for shaft bearings. 1,912,273; May 30.
- González, Arturo, and José M. González, Habana, Cuba. Cooling device. 1,920,856; Aug. 1.
- González, José M. (See González, Arturo, and J. M.)
- Gooch, Stapleton D. (See Memminger, C. G., Waggaman, Gooch, and Kerschbaum.)
- Gooch, Stapleton D., Lake Wales, and F. P. Kerschbaum, Winter Haven, Fla., assignors to Coronet Phosphate Company, New York, N. Y. Producing red phosphorus. 1,902,144; Mar. 21.
- Gooch, Stapleton D., Lake Wales, Fla., and F. P. Kerschbaum, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to Pembroke Chemical Corporation, Pembroke, Fla. Thermic production of phosphorus from crude phosphates. 1,938,557; Dec. 5.
- Good, Addie, Hicksville, Ohio. Signaling apparatus. 1,913,051; June 6.
- Good, Charles A., Oakland, Calif. Safety contact plug. 1,915,601; June 27.
- Good, Charles A., Oakland, Calif. Switch mechanism. 1,929,022; Oct. 3.
- Good, Charles A., Oakland, Calif. Automatic contact plug. 1,939,259; Dec. 12.
- Good, Charles H. (See Gumplich, W., and Good.)
- Good, Frederick C., Philadelphia, Pa. Silver burnishing machine. 1,911,312; May 30.
- Good, Harper A., assignor to Landis Tool Company, Waynesboro, Pa. Mechanism for producing curved axial surface on rolls. 1,904,827; Apr. 18.
- Good, Herbert F., Philadelphia, assignor of three-twentieths to F. Maddenford, Frankford, Pa. Life saving device for submarines. 1,920,301; Aug. 1.
- Good, John, Garden City, assignor to Good Inventions Co., New York, N. Y. Internal combustion engine. 1,920,012; July 25.
- Good, Palmer, River Forest, Ill. Surgical head lamp. 1,893,773; Jan. 10.
- Good, Paul E., Riverton, N. J., assignor to Elliott Company, Jeannette, Pa. Method and apparatus for minimizing sound. 1,897,649; Feb. 14.
- Good, Paul E., Riverton, N. J., assignor to Elliott Company, Jeannette, Pa. Multistage rotary compressor. 1,917,029; July 4.
- Good, Paul E., Riverton, N. J., assignor to Elliott Company, Pittsburgh, Pa. Centrifugal blowing apparatus. 1,931,692; Oct. 24.
- Good, Robert, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Method and apparatus for feeding batch mixtures to furnaces. 1,916,262; July 4.
- Good, Robert, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for feeding batch mixtures to furnaces. 1,917,247; July 11.
- Good-Ad, Inc. (See Currian, John F., assignor.)
- Goodale, Josiah E. (See Falck, K., and Goodale.)
- Goodall, Clarence N., Darlington, England. Coupling device for railway and other vehicles. 1,925,319; Sept. 5.
- Goodall, Herbert A. B., and F. B. Cramer, Long Beach, Calif. Title testing machine. 1,925,718; Sept. 5.
- Goodall, Howard W., Aldan, Pa. Hose. 1,894,269; Jan. 17.
- Goodall, Howard W., Aldan, Pa. Coupling for hose. 1,914,368; June 20.
- Goode, Gilbert C. (See Miller, C. W., and Goode.)
- Goode, Ignatius J., Chicago, and S. M. Barraclough, Sterling, and J. Schmidt, assignor to Sprague-Sells Corporation, Hoopeston, Ill. Apparatus for treating corn for canning purposes. 1,936,299; Nov. 21.
- Goode, Marvin A. (See Crute, Joseph T., assignor.)
- Goodel, Edward G., Stevens Point, Wis. Recovering and utilizing values from black liquor. 1,931,536; Oct. 24.
- Goodel, Edward G., Stevens Point, Wis. Black liquor recovery process and apparatus. 1,933,254; Oct. 31.
- Goodel, Edward G., Stevens Point, Wis. Apparatus for recovering black liquors. 1,933,255; Oct. 31.
- Goodel, Frank H., and D. C. Harvey, assignors to The C. C. Bartlett & Snow Company, Cleveland, Ohio. Material treating and handling apparatus. 1,914,852; June 20.
- Goodel, Frank H., East Cleveland, and J. E. Chinnock, assignors to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Sheet handling mechanism. 1,921,744; Aug. 8.
- Goodel, Ormal. (See Fay, L. F., and Goodel.)
- Goodel, Oscar H., Hartford, Conn. Ball bearing. 1,928,352; Sept. 26.
- Gooderham, John W., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Substation circuit. 1,901,958; Mar. 12.
- Goodfriend, Joseph, New York, N. Y. Composite sock lining. 1,932,658; Oct. 31.
- Goodheim, Albert, North Bergen, and W. R. Meyer, Union City, N. J. Spark plug. 1,925,185; Sept. 5.
- Goodhue, Archie R., Vandergrift, Pa., assignor to American Sheet and Tin Plate Company. Manufacture of steel sheets. 1,902,815; Mar. 28.
- Good Humor Corporation of America. (See Robb, John F., assignor.)
- Good Humor Corporation of America. (See West, John W., assignor.)
- Goodin, Agnes, et al. (See Littrell, John N., assignor.)
- Goodin, Robert G., et al. (See Littrell, John N., assignor.)
- Gooding, Donald R., assignor to Wisconsin Box Company, Wausau, Wis. Box. 1,898,177; Feb. 21.
- Gooding, Donald R., assignor to Wisconsin Box Company, Wausau, Wis. Box. 1,898,178; Feb. 21.
- Good Inventions Co. (See Good, John, assignor.)
- Good Roads Company. (See Dean, Allan L., assignor.)
- Goodlass Wall and Lead Industries Limited. (See Cutler, L. W., and Klein, assignors.)
- Goodlass Wall and Lead Industries Limited. (See Waring, Horace, assignor.)
- Goodloe, Aareel E., assignor to Ready-Sudz Company, Chattanooga, Tenn. Soap and water mixer. 1,932,693; Oct. 31.
- Goodloe, Elmore L. (See Easterday, H., and Goodloe.)
- Goodman, Abraham, Brooklyn, N. Y., assignor to Emeth Financial Corporation. Hair curler. 1,896,617; Feb. 7.
- Goodman, Abraham, Brooklyn, N. Y., assignor to Emeth Financial Corporation. Hair waver. 1,904,444; Apr. 18.

- Goodman, Elizabeth A. (See Goodman, Patrick, assignor.)
 Goodman, Elizabeth A., et al., administratrices. (See Goodman, Patrick.)
 Goodman, Francis G. (See Goodman, Patrick, assignor.)
 Goodman, Harry S., Chicago, Ill. Attachment for savings banks. 1,893,364; Jan. 3.
 Goodman, Jacob, Brooklyn, assignor to Emeth Financial Corporation, New York, N. Y. Hair curl clip. 1,893,281; Jan. 3.
 Goodman, Jacob A. Indianapolis, Ind. Full fashioned stocking heel construction and producing same. 1,935,502; Nov. 14.
 Goodman, John S., Charlie, assignor of one-half to J. W. Culbertson, Wichita, Tex. Agricultural implement. 1,912,706; June 6.
 Goodman, Joseph, assignor to Automatic Truck Loader Corporation, New York, N. Y. Refuse truck. 1,915,927; June 27.
 Goodman, Leslie B., Port Arthur, Tex. Cigarette container. 1,903,450; Apr. 11.
 Goodman, Leslie B., assignor of one-half to E. N. Pedersen, Port Arthur, Tex. Vending machine. 1,935,773; Nov. 21.
 Goodman, Louis, San Francisco, Calif., assignor to State Holding Co., Inc. Grease gun. 1,893,738; Jan. 10.
 Goodman Manufacturing Company. (See Bodin, George, assignor.)
 Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
 Goodman Manufacturing Company. (See Driehaus, Herman W., assignor.)
 Goodman Manufacturing Company. (See Esseltine, Alfred B., assignor.)
 Goodman Manufacturing Company. (See Kraft, Robert H., assignor.)
 Goodman Manufacturing Company. (See Lindgren, Frank A., assignor.)
 Goodman Manufacturing Company. (See Mадiera, John R., assignor.)
 Goodman Manufacturing Company. (See McCullough, William T., assignor.)
 Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
 Goodman Manufacturing Company. (See Radius, Edward W., assignor.)
 Goodman Manufacturing Company. (See Sloane, William W., assignor.)
 Goodman Manufacturing Company. (See Vodoz, Frederick W., assignor.)
 Goodman, Mary, et al., administratrices. (See Goodman, Patrick.)
 Goodman, Patrick, Brooklyn, N. Y.; M. Goodman and E. A. Goodman, administratrices of said Patrick Goodman, deceased, assignors to F. G. Goodman and E. A. Goodman, Brooklyn, N. Y. Inflatable conduit stopper. 1,906,151; Apr. 25.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. Des. 90,704; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Armchair. Des. 90,705; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Chair. Des. 90,706; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. Des. 90,707; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. Des. 90,708; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. Des. 90,709; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Table. Des. 90,710; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Sofa. Des. 90,711; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Display stand. Des. 90,712; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Tea cart. Des. 90,713; Sept. 19.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Smoker's stand. Des. 90,761; Sept. 26.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Smoker's stand. Des. 90,762; Sept. 26.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Chair. Des. 90,878; Oct. 17.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Lounge chair. Des. 90,879; Oct. 17.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Chair. Des. 90,911; Oct. 24.
 Goodman, Percival, New York, N. Y., assignor to The McKay Company, Pittsburgh, Pa. Chair. Des. 90,912; Oct. 24.
 Goodman, Willard B. (See Miller, J. M., and Goodman.)
 Goodman, William L., Chicago, Ill., assignor to Bear-Stewart Co. Frying and cooking apparatus. 1,922,035; Aug. 15.
 Goodner, Monroe H., assignor to C. N. Erickson, Glendale, Calif. Resuscitator and the like. 1,893,670; Jan. 10.
 Goodrich, Anne A., Augusta, Ga. Folding desk, chair, and the like. 1,922,582; Aug. 15.
 Goodrich, B. F., Company, The. (See Barder, E. H., and Leguillon, assignors.)
 Goodrich, B. F., Company, The. (See Beal, Carl L., assignor.)
 Goodrich, B. F., Company, The. (See Bedell, Ethan A., assignor.)
 Goodrich, B. F., Company, The. (See Bedur, George K., assignor.)
 Goodrich, B. F., Company, The. (See Beebe, John D., assignor.)
 Goodrich, B. F., Company, The. (See Blaker, Ernest, assignor.)
 Goodrich, B. F., Company. (See Bodle, Virgil H., assignor.)
 Goodrich, B. F., Company, The. (See Boss, Arthur E., assignor.)
 Goodrich, B. F., Company, The. (See Brook, Clayton E., assignor.)
 Goodrich, B. F., Company, The. (See Busse, Warren F., assignor.)
 Goodrich, B. F., Company, The. (See Campbell, Arthur W., assignor.)
 Goodrich, B. F., Company, The. (See Colley, Russell S., assignor.)
 Goodrich, B. F., Company, The. (See Crawford, R. A., and Schoenfeld, assignors.)
 Goodrich, B. F., Company, The. (See Davidson, Elias E., assignor.)
 Goodrich, B. F., Company, The. (See Ellis, Howard G., assignor.)
 Goodrich, B. F., Company, The. (See Endres, Herbert A., assignor.)
 Goodrich, B. F., Company, The. (See Evans, B. A., and Freeman, assignors.)
 Goodrich, B. F., Company, The. (See Farrington, Thayer B., assignor.)
 Goodrich, B. F., Company, The. (See Fenton, Frank, assignor.)
 Goodrich, B. F., Company, The. (See Flink, John H., assignor.)
 Goodrich, B. F., Company, The. (See Fowler, Fred D., assignor.)
 Goodrich, B. F., Company, The. (See Fritz, Howard E., assignor.)
 Goodrich, B. F., Company, The. (See Geer, William C., assignor.)
 Goodrich, B. F., Company, The. (See Goodwin, John O., assignor.)
 Goodrich, B. F., Company, The. (See Gray, Harold, assignor.)
 Goodrich, B. F., Company, The. (See Hagen, Karl R., assignor.)
 Goodrich, B. F., Company, The. (See Haines, Walter T., assignor.)
 Goodrich, B. F., Company, The. (See Haushalter, Fred L., assignor.)
 Goodrich, B. F., Company, The. (See Howard, H. C., and Willson, assignors.)
 Goodrich, B. F., Company, The. (See Hushhalter, Fred L., assignor.)
 Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
 Goodrich, B. F., Company, The. (See Jones, Webster N., assignor.)
 Goodrich, B. F., Company, The. (See Kepler, Irwin F., assignor.)
 Goodrich, B. F., Company, The. (See Kmentt, Waldemar D., assignor.)
 Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
 Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)
 Goodrich, B. F., Company, The. (See MacDonald, Frank J., assignor.)
 Goodrich, B. F., Company, The. (See MacLachlan, A. D., and Freund, assignors.)
 Goodrich, B. F., Company, The. (See Marion C., assignor.)
 Goodrich, B. F., Company, The. (See Martin, H. W., and Blanchard, assignors.)
 Goodrich, B. F., Company, The. (See Matthias, Gilbert L., assignor.)
 Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)
 Goodrich, B. F., Company, The. (See Merrill, Allan B., assignor.)
 Goodrich, B. F., Company, The. (See Metthias, Gilbert L., assignor.)
 Goodrich, B. F., Company, The. (See Meyer, Ernest, assignor.)
 Goodrich, B. F., Company, The. (See Miller, Lee R., assignor.)
 Goodrich, B. F., Company, The. (See Newton, Edwin B., assignor.)
 Goodrich, B. F., Company, The. (See Oenslager, George, assignor.)
 Goodrich, B. F., Company, The. (See Pettersen, Wilber E., assignor.)

- Goodrich, B. F., Company, The. (See Pillsbury, Clive N., assignor.)
- Goodrich, B. F., Company, The. (See Reed, Marion C., assignor.)
- Goodrich, B. F., Company, The. (See Ritchey, Roscoe V., assignor.)
- Goodrich, B. F., Company, The. (See Roberts, Anna, assignor.)
- Goodrich, B. F., Company, The. (See Sapp, John P., assignor.)
- Goodrich, B. F., Company, The. (See Schade, James W., assignor.)
- Goodrich, B. F., Company, The. (See Schippel, Henry F., assignor.)
- Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
- Goodrich, B. F., Company, The. (See Semon, W. L., and Jones, assignors.)
- Goodrich, B. F., Company, The. (See Semon, W. L., and Sloan, assignors.)
- Goodrich, B. F., Company, The. (See Singer, Donald K., assignor.)
- Goodrich, B. F., Company, The. (See Slabaugh, W. H., and Waner, assignors.)
- Goodrich, B. F., Company, The. (See Sloan, Arthur W., assignor.)
- Goodrich, B. F., Company, The. (See Slusher, Frank, assignor.)
- Goodrich, B. F., Company, The. (See Steele, Charles W., assignor.)
- Goodrich, B. F., Company. (See Taylor, Bert S., assignor.)
- Goodrich, B. F., Company, The. (See Taylor, B. S., and Costello, assignors.)
- Goodrich, B. F., Company, The. (See Taylor, Joseph I., assignor.)
- Goodrich, B. F., Company, The. (See Thompson, Anan W., assignor.)
- Goodrich, B. F., Company, The. (See Thompson, Owen A., assignor.)
- Goodrich, B. F., Company, The. (See Trumbull, Harlan L., assignor.)
- Goodrich, B. F., Company, The. (See Trumbull, H. L., and Howard, assignors.)
- Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
- Goodrich, B. F., Company, The, et al. (See Zimmerli, W. F., and Havenhill, assignors.)
- Goodrich, Charles W. (See Blood, L. H., and Goodrich.)
- Goodrich, Chauncey M., Windsor, Ontario, Canada. Transmission tower arms. 1,895,712; Jan. 31.
- Goodrich, Chauncey M., Windsor, and Archibald H. MacQuarrie, East Windsor, Ontario, Canada. Wire hanger. 1,933,426; Oct. 31.
- Goodrich, Dorothea A., Chicago, Ill. Emblem. Des. 89,838; May 9.
- Goodrich, Edmund T., Detroit, Mich. Automatic window lock. 1,925,244; Sept. 5.
- Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
- Goodrich, Robert E. (See Ulich, L., and Goodrich.)
- Goodrich, Robert J. (See Gubelmann, L., and Goodrich.)
- Goodrich, Robert J. (See Howell, E. T., and Goodrich.)
- Goodrich, Robert J., and E. T. Howell, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Anthraquinone vat dyes and making the same. 1,905,088; Apr. 25.
- Goodrich, Robert J., South Milwaukee, and J. C. Kinahan, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Dibenzanthrone dyestuff and preparing same. 1,910,603; May 23.
- Goodridge, Gilbert W., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Flush receptacle. 1,926,001; Sept. 5.
- Goodrum, Charles L., Athens, Ga., assignor of one-half to L. G. Pacent, New York, N. Y. Control circuit for switches for automatic telephone systems. 1,902,123; Mar. 21.
- Goodrum, Charles L., Athens, Ga., assignor of one-half to L. G. Pacent, New York, N. Y. Switch control mechanism for automatic telephone systems. 1,902,163; Mar. 21.
- Goodspeed, Lawrence, D., Wilton, Maine. Automatic variable wood-turning lathe. 1,928,353; Sept. 26.
- Goodspeed Machine Company. (See Hall, Walter H., assignor.)
- Goodstein, Bella. (See Goodstein, Charles B., assignor.)
- Goodstein, Charles B., Brooklyn, assignor to B. Goodstein, New York, N. Y. Staple. 1,910,688; May 23.
- Goodwillie, David H., and E. L. Walters, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Device for cutting sheet material. 1,922,620; Aug. 15.
- Goodwin, Ellis D., Sioux City, Iowa. Color photographic system. 1,921,918; Aug. 8.
- Goodwin, George E., Hood River, Oreg. Fruit cleaning machine. 1,923,722; Aug. 22.
- Goodwin, George R., Melrose, Mass. Fluid metering system. 1,898,951; Feb. 21.
- Goodwin, George S. (See Kass, P., and Goodwin.)
- Goodwin, Harry B., assignor to The Latimer-Goodwin Chemical Company, Grand Junction, Colo. Composition of matter. 1,907,789; May 9.
- Goodwin, John O., Akron, assignor to Selberling Latex Products Company, Barborton, Ohio. Covering balls. 1,930,167; Oct. 10.
- Goodwin, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making cored articles of plastic material. 1,939,894; Dec. 19.
- Goodwin, William F., Biddeford, Me. Card game accessory. 1,930,008; Oct. 10.
- Goodwin, William N., jr., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Tube tester. 1,920,906; Aug. 1.
- Goody, Forest D., Denver, Colo. Automatically operating gold placer gravel concentrating and gold saving device. 1,915,602; June 27.
- Goodyear, Ernest F., Moxhall Park, Wishaw, J. Wright, Stoke Park, Coventry, and H. Trevasakis, Keresley, Coventry, assignors to Dunlop Rubber Company Limited, London, England. Aircraft wheel brake system. 1,917,933; July 11.
- Goodyear, Ernest F., Moxhall Park, Wishaw, and J. Wright, Stoke Park, Coventry, assignors to Dunlop Rubber Company, Limited, London, England. Wheel brake. 1,937,563; Dec. 5.
- Goodyear Tire & Rubber Company, The. (See Andrews, George G., assignor.)
- Goodyear Tire & Rubber Company, The. (See Barnes, Garrett H., jr., assignor.)
- Goodyear Tire & Rubber Company, The. (See Brickman, Carl L., assignor.)
- Goodyear Tire & Rubber Company, The. (See Calvert, William C., assignor.)
- Goodyear Tire & Rubber Company, The. (See Campbell, J. F., and Thomson, assignors.)
- Goodyear Tire & Rubber Company, The. (See Campbell, Wallace H., assignor.)
- Goodyear Tire & Rubber Company, The. (See Carter, R. S., and Dick, assignors.)
- Goodyear Tire & Rubber Company, The. (See Clifford, Albert M., assignor.)
- Goodyear Tire & Rubber Company, The. (See Clifford, A. M., and Lauter, assignors.)
- Goodyear Tire & Rubber Company, The. (See De Mattia, Barthold, assignor.)
- Goodyear Tire & Rubber Company, The. (See Eberhard, Boyd C., assignor.)
- Goodyear Tire & Rubber Company, The. (See Gerstenslager, William H., assignor.)
- Goodyear Tire & Rubber Company, The. (See Gordon, John T., assignor.)
- Goodyear Tire & Rubber Company, The. (See Gracia, Albert J., assignor.)
- Goodyear Tire & Rubber Company, The. (See Haines, Harry H., assignor.)
- Goodyear Tire & Rubber Company, The. (See Handy, George A., assignor.)
- Goodyear Tire & Rubber Company, The. (See Hoenes, Herman J., assignor.)
- Goodyear Tire & Rubber Company, The. (See Lammertse, M., and Johnsen, assignors.)
- Goodyear Tire & Rubber Company, The. (See Lauter, Werner M., assignor.)
- Goodyear Tire & Rubber Company, The. (See Lewis, K. R., and Waugh, assignors.)
- Goodyear Tire & Rubber Company, The. (See MacMonagle, William E., assignor.)
- Goodyear Tire & Rubber Company, The. (See Mallory, Gerald D., assignor.)
- Goodyear Tire & Rubber Company, The. (See Musselman, Alvin J., assignor.)
- Goodyear Tire & Rubber Company, The. (See Riggs, Frederick S., assignor.)
- Goodyear Tire & Rubber Company, The. (See Slusser, Clifton, assignor.)
- Goodyear Tire & Rubber Company, The. (See Snyder, Robert W., assignor.)
- Goodyear Tire & Rubber Company, The. (See Snyder, R. W., and Lammertse, assignors.)
- Goodyear Tire & Rubber Company, The. (See Templeton, Edwin G., assignor.)
- Goodyear Tire & Rubber Company, The. (See Teppema, Jan, assignor.)
- Goodyear Tire & Rubber Company, The. (See White, Will T., assignor.)
- Goodyear Tire & Rubber Company, The. (See Woodward, Alva W., assignor.)
- Goodyear Tire & Rubber Company, The. (See Woodward, A. W., and Swain, assignors.)
- Goodyear Tire & Rubber Company, The. (See Yohe, Gall R., assignor.)
- Goodyear-Zeppelin Corporation. (See Arnstein, K., and Helma, assignors.)
- Goodyear-Zeppelin Corporation. (See Dyer, H. T., Liebert, and Swan, assignors.)
- Goodyear-Zeppelin Corporation. (See Klemperer, Wolfgang B., assignor.)
- Goodyear's India Rubber Glove Mfg. Co., The. (See Manville, Henrietta P., assignor.)
- Goodykoontz, Frank A., Tracy, Calif. Dental appliance. 1,923,972; Aug. 22.
- Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener supplying apparatus. 1,900,055; Mar. 7.
- Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener inserting machine. 1,904,306; Apr. 18.

- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electrically lighted floor cleaner. 1,917,761; July 11.
- Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,941,083; Dec. 26.
- Goosmann, Justus C., Chicago, Ill. Refrigerating system and method. 1,908,290; May 9.
- Goosmann, Justus C., Chicago, Ill. Producing solidified carbon dioxide. 1,912,443; June 6.
- Goosmann, Justus C., Chicago, Ill. Preparing solidified carbon dioxide. 1,912,444; June 6.
- Goosmann, Justus C., Chicago, Ill. Machine and method for making solid carbon dioxide. 1,912,445; June 6.
- Goosmann, Justus C., Mount Vernon, N. Y. Refrigerating and ventilating apparatus. 1,912,446; June 6.
- Goosmann, Justus C., Chicago, Ill. Method and apparatus for refrigerating and carbonating. 1,926,278; Sept. 12.
- Goosmann, Justus C., Mount Vernon, N. Y. Refrigerating apparatus. 1,927,168; Sept. 19.
- Goosmann, Justus C., Mount Vernon, assignor to American Dry Ice Corporation, New York, N. Y. Method and apparatus for refrigerating and carbonating. 1,933,256; Oct. 31.
- Goosmann, Justus C., Mount Vernon, assignor to American Dry Ice Corporation, New York, N. Y. Method and apparatus for speed freezing. 1,933,257; Oct. 31.
- Goosmann, Justus C., Mount Vernon, assignor to American Dry Ice Corporation, New York, N. Y. Refrigerating apparatus and method. 1,933,258; Oct. 31.
- Goost, Theodor. (See Klingemann, F., Lommel, Korten, and Goost.)
- Goost, Theodor. (See Lommel, W., and Goost.)
- Goost, Theodor, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanization of artificial rubber-like masses. 1,918,466; July 18.
- Gora, Henry, Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Tubing machine. 1,933,212; Oct. 31.
- Goransson, Oscar F., Springfield, Mass. Anchoring device. 1,903,214; Mar. 28.
- Gorden, Walter L., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Rotary valve. 1,920,924; Aug. 1.
- Gordon, Albert A. (See Brouwer, B. W., and Gordon.)
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker control for looms. 1,906,957; May 2.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism for looms. 1,906,958; May 2.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detecting automatic drop box loom. 1,912,522; June 6.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lock for revocable transfer mechanism. 1,912,523; June 6.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Positive revoker for magazine looms. 1,912,524; June 6.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle checking mechanism. 1,924,186; Aug. 29.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle checking mechanism. 1,924,187; Aug. 29.
- Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing mechanism. 1,932,778; Oct. 31.
- Gordon, Arthur, Chicago, Ill. Beer separator and dispensing faucet. 1,917,582; July 11.
- Gordon, Barton S., Tiffin, Ohio. Well pipe. 1,914,251; June 13.
- Gordon, Beirne, J., assignor to Skenandoa Rayon Corporation, Utica, N. Y. Cop winding machine. 1,927,547; Sept. 19.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Boiler furnace. 1,896,233; Feb. 7.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Apparatus for desuperheating steam. 1,935,195; Nov. 14.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Composite superheater. 1,938,695; Dec. 12.
- Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Interlocking hanger. 1,941,258; Dec. 26.
- Gordon-Dunnham Manufacturing Company, The. (See Gordon, J. W., and Dunnham, assignors.)
- Gordon, Frederick F., Sheffield, England. Compound body for the production of hollow drill steel. 1,897,663; Feb. 14.
- Gordon, Harry, Duluth, Minn. Sleigh brake. 1,934,612; Nov. 7.
- Gordon, Hayner H., Washington, D. C. Combination action for pipe organs. 1,930,613; Oct. 17.
- Gordon, Hayner H., Washington, D. C., assignor to Lite Watchman Corporation, New York, N. Y. Lighting system for automotive vehicles. 1,938,828; Dec. 12.
- Gordon, James, Chicago, Ill. Ironing machine. 1,930,800; Oct. 17.
- Gordon, John, assignor to Electric Iron Grip Switch Company Limited, Whangarei, New Zealand. Electric iron. 1,909,343; May 16.
- Gordon, John A., Los Angeles, Calif. Pitching horse shoes. 1,933,850; Nov. 7.
- Gordon, John T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Heel washer distributing device. 1,908,666; May 9.
- Gordon, John W., and R. A. Dunnham, assignors to The Gordon-Dunnham Manufacturing Company, Dayton, Ohio. Tube flaring machine. 1,911,186; May 30.
- Gordon, Josie M. (See Stout, Stanley W., assignor.)
- Gordon, Le-Roy V., Cleveland, Ohio. Padding guide for sewing machines. 1,903,425; Apr. 11.
- Gordon, Le-Roy V., Cleveland, and L. L. Williams, Cleveland Heights, Ohio. Upholstery pad. 1,903,424; Apr. 11.
- Gordon, Lincoln, Oakland, assignor to J. H. Bernheim and S. L. Fendel, San Francisco, Calif., trustees of L. Gordon, E. C. Bridgman, jr., J. H. Bernheim, and S. L. Fendel. Convertible vehicle body. 1,933,623; Nov. 7.
- Gordon, Philip C., assignor to Doherty Research Company, New York, N. Y. Coupling device. 1,901,843; Mar. 14.
- Gordon, Philip C., assignor to Doherty Research Company, New York, N. Y. Flexible transmission. 1,902,800; Mar. 21.
- Gordon, Philip C., assignor to Doherty Research Company, New York, N. Y. Rotary air transmission. 1,929,186; Oct. 3.
- Gordon, Samuel, Boston, Mass. Display stand. Des. 89,463; Mar. 14.
- Gordon, Samuel F. (See Smith, L. R., and Gordon.)
- Gordon, Samuel G., Philadelphia, Pa. Fluoroscope. 1,934,421; Nov. 7.
- Gordon, William A., Shelton, assignor to Farrell-Birmingham Company, Incorporated, Ansonia, Conn. Machine for plasticating materials. 1,935,050; Nov. 14.
- Gore, Herbert C., Scarsdale, and C. N. Frey, New York, N. Y., assignors to Standard Brands, Incorporated, Dover, Del. Preparing a wort. 1,922,730; Aug. 15.
- Gore, John, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 1,918,379; July 18.
- Gore, Thomas P., et al. (See Gilchrist, William L., assignor.)
- Goretzky, Johann, Reichenberg, Czechoslovakia. Device for the manufacturing of knotted carpets and the like. 1,921,355; Aug. 8.
- Gorham Mfg. Co. (See Staf, Axel H., assignor.)
- Gorham, Walter G. (See Twiss, D. F., and Gorham.)
- Gorhan, Adolf, Liesing near Vienna, Austria, assignor, by mesne assignments, to Firm of Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Extracting concentrated volatile aliphatic acids. 1,916,106; June 27.
- Gorhan, Adolf, Liesing, near Vienna, Austria, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Manufacture of water-free ethyl alcohol. 1,936,836; Nov. 28.
- Gorin, Frederick P., Seattle, assignor to Gorin Shocklesspeed Tabulator Company, King County, Wash. Tabulator rebound trap. 1,901,096; Mar. 14.
- Gorin, Frederick P., assignor to Gorin Shocklesspeed Tabulator Company, Seattle, Wash. Typewriting machine. 1,901,157; Mar. 14.
- Gorin, Frederick P., Seattle, Wash., assignor to Gorin Shocklesspeed Tabulator Company. Tabulating mechanism for typewriters. 1,915,246; June 20.
- Gorin Shocklesspeed Tabulator Company. (See Gorin, Frederick P., assignor.)
- Goriup, Frank J., McKees Rocks, Pa. Miniature greenhouse. Des. 89,858; May 9.
- Görk, Eugen, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,936,787; Nov. 28.
- Görke, Herbert, Leverkusen-on-the-Rhine, and C. Neuhaus, Oladen, Germany. Device for cleaning vehicles. 1,914,739; June 20.
- Gorman, Catherine M., Cedar Rapids, Mich. Hair band. 1,914,252; June 13.
- Gorman, Edward A., Alexandria, Va., dedicated to the free use of the public. Mechanical means for circulating air in enclosed spaces. 1,935,590; Nov. 14.
- Gorman, Henry A., assignor to Thomas Moulding Acoustical Engineering Company, Chicago, Ill. Wall finishing material. 1,910,160; May 23.
- Gorman, Henry A., assignor to Thomas Moulding Acoustical Engineering Company, Chicago, Ill. Wall finishing material. 1,939,809; Dec. 19.
- Gorman, Horance P., Rye, N. Y. Game apparatus. 1,926,980; Sept. 12.
- Gorman, Lawrence J., Rogota, N. J., assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,915,854; June 27.
- Gorman, William T., Pittsburgh, Pa. Valve spring seat and retainer. 1,930,894; Oct. 17.
- Gormley, John B., Roxbury, Mass. Monogram structure. 1,910,896; May 23.
- Gorn, Samuel M., San Antonio, Tex. Tamperproof envelope. 1,907,352; May 2.
- Gorschlieter, Fritz, and E. Pohl, assignors to Borsigwerk Aktiengesellschaft, Borsigwerk, Germany. Steel vessel and producing same. 1,900,988; Mar. 14.
- Gorsuch, Edgar H., Grand Rapids, Mich., and A. M. Kinney, Chicago, Ill., assignors to Standard Oil Company of Indiana, Whiting, Ind. Composition of matter. 1,927,066; Sept. 19.

- Gortner, Ross A., St. Paul, and W. F. Hoffman, assignors to Northwest Paper Company, Cloquet, Minn. Recovery and purification of materials by electro-dialysis. 1,915,568; June 27.
- Gorton Chocolate Company, The. (See Grieve, Thomas E., assignor.)
- Gorton, George, Racine, Wis. Grinding machine and the like. 1,920,073; July 25.
- Gorton, George, Racine, Wis. Sliding-barrel rotary-cutter-spindle cutter head. 1,923,820; Aug. 22.
- Gorton, George, Racine, Wis. Engraving machine and the like. 1,925,036; Aug. 29.
- Gorton, George, Racine, Wis. Engraving machine cutter. 1,935,555; Nov. 14.
- Gorton, Thomas S., Jr., Chicago, Ill. Container. Des. 89,337; Feb. 28.
- Gosch, Harry L., assignor to Creo-Dipt Company Inc., North Tonawanda, N. Y. Machine for applying paint or the like to shingles and so forth. 1,918,534; July 18.
- Goshikwaisha Ohno Seisakusho. (See Wake, Ichiro, assignor.)
- Gosnar, Thomas A., Burnham-on-Sea, England. Manufacture of decolorizing or activated carbon. 1,918,467; July 18.
- Goslin, Herbert G., assignor to Sherrieff-Goslin Company, Battle Creek, Mich. Roofing. 1,934,666; Nov. 7.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Electric fan. Des. 89,076; Jan. 24.
- Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator cabinet. Des. 90,763; Sept. 26.
- Gosman, Thomas A. (See Robinson, James M., assignor.)
- Gosnell, Charles W. (See Baumgarten, E., Gosnell, and Deisch.)
- Goss, Byron C., Cleveland, Ohio. System for protecting banks, stores and the like, against robbery, by gas and smoke. 1,901,959; Mar. 21.
- Goss, Byron C., Cleveland, Ohio. Insecticidal solution. 1,901,960; Mar. 21.
- Goss, Byron C., Cleveland, Ohio. Electrical gas daylight holdup protection system. 1,924,783; Aug. 29.
- Goss, Chalapha G. (See Lefever, R. M., and Goss.)
- Goss and Deleuw Machine Company. (See Spring, Joseph J., assignor.)
- Goss, Harold J., assignor to The International Paper Box Machine Company, Nashua, N. H. Machine for assembling strip sections and box-blanks. 1,908,291; May 9.
- Goss, John H. (See Reutter, Frederick, and Goss.)
- Goss, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose coupling. 1,936,552; Nov. 21.
- Goss, Milford T., Duncan, British Columbia, Canada. Jack. 1,928,533; Sept. 26.
- Goss Printing Press Co., The. (See Andersen, Niels C., assignor.)
- Goss Printing Press Company, The. (See Brueshaber, Martin W., assignor.)
- Goss Printing Press Co., The. (See Brueshaber, M. W., and Lang, assignors.)
- Goss Printing Press Company. (See Crafts, Curtis S., assignor.)
- Goss Printing Press Company, The. (See Crafts, C. S., and Harless, assignors.)
- Goss Printing Press Company, The. (See Fankboner, Harland, assignor.)
- Goss Printing Press Company. (See Laycock, Kenneth G., assignor.)
- Goss Printing Press Company. (See Richter, Charles J., assignor.)
- Goss, Worth C., assignor to Humidity Control Company, Seattle, Wash. Hygrostatic control. 1,920,502; Aug. 1.
- Gossard, H. W., Co., The. (See Yount, Ruthada, assignor.)
- Gosselin, Henri Albert, Montereau, assignor to Societe Chimique de la Grande Paroisse Azote et Produits Chimiques, Paris, France. Synthesizing organic compounds containing oxygen. 1,920,373; Aug. 1.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Internal combustion engine. 1,929,885; Oct. 10.
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Germany. Internal-combustion engine of the radial type. 1,929,886; Oct. 10.
- Gossman, Andrew T. (See Yount, Harry, assignor.)
- Gössel, Fritz, Frankfurt-on-the-Main, Germany. Converting soya beans and the like seeds into a condition suitable for nutrition. 1,912,895; June 6.
- Gosselin, Albert. (See Etienne, A., Gosselin, and Du Chaffaut.)
- Gossiau, Fritz, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Internal combustion engine. 1,913,199; June 6.
- Gossner, Joseph, et al. (See Parrett, Dent, assignor.)
- Gotteli, Anthony, Brooklyn, N. Y. Fruit pitting machine. 1,899,863; Feb. 28.
- Goth, Erich. (See Meerwein, H., and Goth.)
- Goth, Imre, Berlin, Germany. Shoe with elastic rubber inlets. 1,940,542; Dec. 19.
- Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. Berlin, Germany. Antenna. 1,909,615; May 16.
- Gott, Adrian E., and N. R. McIntosh, Roy, Mo. Wrench. 1,896,303; Feb. 7.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,870; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,871; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,872; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,908; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,909; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,910; Jan. 3.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,961; Jan. 10.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,962; Jan. 10.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,963; Jan. 10.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,964; Jan. 10.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,024; Jan. 10.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,504; Mar. 21.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,837; May 9.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,193; June 27.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,243; July 4.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,282; July 11.
- Gottesman, Joseph M., Paris, France, assignor to William Willheim Co., Inc. Textile fabric or similar article. Des. 90,314; July 18.
- Gottfried, Harry. (See Harrison, C., and Gottfried.)
- Gottfried, John, Brooklyn, assignor to Sanitary Postage Service Corporation, New York, N. Y. Coin selecting apparatus. 1,907,064; May 2.
- Gottfried, John, Brooklyn, N. Y., assignor to B. & G. Coin Selectors, Incorporated, Bridgeport, Conn. Coin selecting apparatus. 1,923,535; Aug. 22.
- Gotthardt, Fritz, New York, N. Y. Thermostat. 1,925,530; Sept. 5.
- Gotthardt, Henry R., assignor to Logan Co., Inc., Louisville, Ky. Conveyor. 1,919,837; July 25.
- Gotthardt, Henry R., Louisville, Ky., and W. E. Cain, Jeffersonville, Ind., assignors to Logan Co., Inc., Louisville, Ky. Switching conveyor. 1,900,602; Mar. 7.
- Gotthardt, Henry R., Louisville, Ky., and W. E. Cain, Jeffersonville, Ind., assignors to Logan Co., Inc., Louisville, Ky. Automatic conveying apparatus. 1,900,603; Mar. 7.
- Gotthardt, Henry R., Louisville, Ky., and W. E. Cain, Jeffersonville, Ind., assignors to Logan Co., Inc., Louisville, Ky. Conveying system. 1,905,379; Apr. 25.
- Gotthardt, Henry R., Louisville, Ky., and W. E. Cain, Jeffersonville, Ind., assignors to Logan Co., Inc., Louisville, Ky. Switching conveyor. 1,929,354; Oct. 3.
- Gottholt, Royce, Marfa, Tex. Oil burner. 1,933,427; Oct. 31.
- Gottlieb, David, Chicago, Ill. Amusement game apparatus. Des. 90,946; Oct. 31.
- Gottlieb, Joseph, Jersey City, N. J. Combined clock case and lamp or similar article. Des. 89,179; Feb. 7.
- Gottlieb, Joseph, Jersey City, N. J. Combined clock case and lamp or similar article. Des. 89,397; Mar. 7.
- Gottlieb, Joseph, Jersey City, N. J. Combined clock case and lamp or similar article. Des. 89,556; Mar. 28.
- Gottlieb, Joseph, Jersey City, N. J. Clock case. Des. 89,587; Apr. 11.
- Gottlieb, Joseph, Jersey City, N. J. Combined clock case and lamp or similar article. Des. 90,028; May 30.
- Gottlieb, Joseph, Jersey City, N. J. Clock case. Des. 89,836; May 9.
- Gottlieb, Joseph, Jersey City, N. J. Clock case or similar article. Des. 90,980; Nov. 7.
- Gottlieb, Joseph, Jersey City, N. J. Clock case or similar article. Des. 90,764; Sept. 26.
- Gottlieb, Joseph, Jersey City, N. J. Clock case or similar article. Des. 90,765; Sept. 26.
- Gottlieb, Martin, and C. L. Welsh, New York, N. Y. Frame-line leader film. 1,926,805; Sept. 12.
- Gottlieb, Martin M. (See Hippold, H. A., and Gottlieb.)
- Gottman, Edwin E., Tonganoxie, Kans. Milk strainer. 1,896,816; Feb. 7.

- Gottschalk, Eduard, assignor to Paul Weile, Magdeburg, Germany. Coal saving spark-catcher. 1,938,016; Dec. 5.
- Gottschalk, Lionel J., New Orleans, La. Refrigerator cabinet. Des. 91,236; Dec. 26.
- Gottschalk, Lionel J., New Orleans, La. Refrigerator 1,901,556; Mar. 14.
- Gottschick, George D., et al. (See Watson, Claude G., assignor.)
- Gottstein, Lewis, assignor of one-half to Carson Pirie Scott & Company, Chicago, Ill. Display stand 1,899,954; Mar. 7.
- Goudet, Hugues. (See Chireix, H., and Goudet.)
- Goudey, Enos G., Newton, Mass. Bluing package. 1,922,085; Aug. 15.
- Goudie, Charles R., assignor to The Carnie-Goudie Manufacturing Co., Kansas City, Mo. Canvas hammock. 1,917,518; July 11.
- Gough, Cale, Albion, Ill. Electrical connector. 1,896,948; Feb. 7.
- Gough, Evoly L. (See Bowman, Glenn W., assignor.)
- Gough, Fred J., Fort Dodge, Iowa, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for the continuous calcination of gypsum. 1,905,089; Apr. 25.
- Gough, Fred J., Fort Dodge, Iowa, assignor to United States Gypsum Company, Chicago, Ill. Making plaster board. 1,915,603; June 27.
- Gough, James J., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Electric toaster. Des. 89,637; Apr. 18.
- Gough, James J., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Electric toaster. Des. 89,638; Apr. 18.
- Goughnour, Charles L., Jefferson City, Tenn. Electric heating element for steam cookers. 1,931,190; Oct. 17.
- Gould Coupler Company, The. (See Barrows, Donald S., assignor.)
- Gould Coupler Company, The. (See Creveling, John L., assignor.)
- Gould Coupler Company, The. (See Richards, Willard F., assignor.)
- Gould, Don U., jr., Sherburne, N. Y. Automatic film cleaner. 1,926,981; Sept. 12.
- Gould, Harry V., Bridgeport, Conn. Outlet box. 1,922,432; Aug. 15.
- Gould, Howard W. (See Ray, K. W., and Gould.)
- Gould, John H., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Heating system for motor vehicles. 1,903,349; Apr. 4.
- Gould, Joseph C., Farmer City, Ill. Mail box support. 1,898,875; Feb. 21.
- Gould, Robert D., and W. J. Bohn, Detroit, Mich.; said Bohn assignor to said Gould. Constructing matrices for stereotypes. 1,927,262; Sept. 19.
- Gould, Roy F. (See Wicks, John, and Gould.)
- Gould, Roy F., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 1,911,949; May 30.
- Gould Storage Battery Corporation. (See Chamberlain, Rufus N., assignor.)
- Gould Storage Battery Corporation. (See Entz, T. B., and Snyder, assignors.)
- Gould Storage Battery Corporation. (See Snyder, Almond H., assignor.)
- Gould, William M. (See Leach, Charles J. and J. A.)
- Gouldbourn, Joseph, and G. Hazelton, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Covering breasts of heels. 1,902,848; Mar. 28.
- Gouldbourn, Joseph, and H. E. Elliott, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 1,926,147; Sept. 12.
- Goulden, George H. (See Robinson, Q. O., and Goulden.)
- Goulds Pumps, Inc. (See Clark, David B., assignor.)
- Goulds Pumps, Inc. (See Mann, John, assignor.)
- Goulds Pumps, Incorporated. (See Pomeroy, William D., assignor.)
- Goulouze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Drinking water cooler. Des. 90,283; July 11.
- Gouner, Leonidas E., New Orleans, La., assignor to Petree & Dorr Engineers, Inc., New York, N. Y. Manufacture of sugar. 1,923,143; Aug. 22.
- Gouverneur, Minor F. H., assignor to Locke Insulator Corporation, Baltimore, Md. Suspension means for guy strain insulators. 1,913,305; June 6.
- Govare, Harry P. (See Salomon, F. M., M. B., and Govare.)
- Government and the People, Dedicated to the free use of. (See Gans, George E., assignor.)
- Government and the People of the United States, The. (See Edgar, Alfred D., assignor.)
- Government and the People of the United States. (See Gans, George E.)
- Government and the People of the United States. (See Jones, Howard A., assignor.)
- Government and People of the United States, The. (See Sherrard, E. C., and Beglinger, assignors.)
- Government and the People of the United States, The. (See Webb, Robert W., assignor.)
- Government and the People of the United States of America. (See Beglinger, E. and Gahagan, assignors.)
- Government and the People of the United States of America. (See Heritage, C. C., Schafer, and Carpenter.)
- Government and the People of the United States of America. (See McDonald, R. E., and Scholl, assignors.)
- Government and the People of the United States of America, The. (See Rabak, Frank, assignor.)
- Government and the People of the United States of America, The. (See Sherrard, E. C., and Beglinger, assignors.)
- Government and the People of the United States of America. (See Winston, J. R., Wright, and Wootten.)
- Government of the United States. (See Conn, Wallace T., assignor.)
- Government of the United States. (See Diamond, H., and Dunmore, assignors.)
- Government of the United States. (See Kear, Frank G., assignor.)
- Government of the United States. (See Martin, William C., assignor.)
- Government of the United States, The. (See Moore, John J., assignor.)
- Govers, Francis X., assignor to Indian Refining Company, Lawrenceville, Ill. Evaporating apparatus. 1,896,618; Feb. 7.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Recovery of solvents from mixtures containing the same. 1,897,979; Feb. 14.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Coating vessels. 1,914,774; June 20.
- Govers, Francis X., Vincennes, Ind., assignor to Indiana Refining Company, Lawrenceville, Ill. Recovery and purification of lubricating oils from mineral oils. 1,920,125; July 25.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Filtration. 1,920,126; July 25.
- Gove's, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Heating element. 1,921,988; Aug. 8.
- Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Apparatus for filtration. 1,931,000; Oct. 17.
- Govil, Hari G., Brooklyn, N. Y. Clasp and tag. 1,909,101; May 16.
- Gow, James T. (See Mehl, R. F., and Gow.)
- Gowdy, Arthur L., and R. L. Eastman, Anaheim, Calif.; said Gowdy assignor to said Eastman. Fruit packer's glove. 1,911,500; May 30.
- Gowen, Robert F., assignor to DeForest Radio Telephone & Telegraph Company, New York, N. Y. Audion construction. 1,893,466; Jan. 3.
- Goyena, Manuel G., Manila, P. I. Match case or holder. 1,925,969; Sept. 5.
- Goyena, Manuel G., Manila, P. I. Nose protector. 1,941,418; June 20.
- Graaff, Wilhelm, Berlin, Germany, assignor to Pyrene-Minimax Corporation. Apparatus for generating fire foam. 1,908,141; May 9.
- Grabler, Peter, Rocky River, Ohio. Label affixer. 1,939,975; Dec. 19.
- Grace, Bertram B., T. S. Skillman, A. H. Roche, and E. K. Sandeman, Aldwych, London, England, assignors to Western Electric Company Incorporated, New York, N. Y. Frequency discrimination signaling system. 1,897,047; Feb. 14.
- Grace, Dick, Chicago, Ill. Map and indicator. 1,933,054; Oct. 31.
- Grace, Richard W., assignor to The Superior Switchboard & Devices Company, Canton, Ohio. Wire terminal. 1,921,745; Aug. 8.
- Grace, Richard W., assignor to The Superior Switchboard & Devices Company, Canton, Ohio. Test block. 1,921,746; Aug. 8.
- Graceline Handbags, Inc. (See Lobel, Rudolph, assignor.)
- Gracey, James G., St. Louis, Mo. Combined advertising and display device. 1,917,030; July 4.
- Gracia, Albert J., Cuyahoga Falls, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Manufacturing insoluble sulphur. 1,923,723; Aug. 22.
- Grady, Charles B., West Orange, N. J., assignor to Metropolitan Engineering Company. Furnace. 1,894,270; Jan. 17.
- Grady, Charles B., West Orange, N. J., assignor to Metropolitan Engineering Company. Steam generating apparatus and method. 1,911,501; May 30.
- Grady, Stephen S., Magnolia, N. C., assignor to Fusoid Electric Co., Inc. Circuit breaker. 1,909,174; May 16.
- Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body window construction. 1,939,976; Dec. 19.
- Graef, Russell C., Westfield, N. J. Building wall structure. 1,905,167; Apr. 25.
- Graeme, Charles G., Buffalo, N. Y., assignor to J. H. Wells. Machine for separating and counting coins. 1,893,828; Jan. 10.
- Graenacher, Charles, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose solution and cellulose derivative and making same. 1,924,238; Aug. 29.
- Graf, Albert, Chicago, Ill. Attaching a sponge rubber pad to a backing member. 1,921,252; Aug. 8.
- Graf, Elmer J., Roselle Park, N. J. Illuminated ornamental device for decorative purposes. 1,923,144; Aug. 22.
- Graf, Emil, Jamaica, assignor to W. Rabkin, New York, N. Y. Coin-controlled vending machine. 1,938,834; Dec. 12.

- Graf, Raymond I., Grand Rapids, assignor to American Blower Corporation, Detroit, Mich. Apparatus and process for making fan rotors. 1,913,591; June 13.
- Graf, Robert E., assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistance element. 1,913,272; June 6.
- Graf und Co., Verpackungs-Maschinen. (See Heinrich, Max, assignor.)
- Graf, William A., Paterson, N. J. Shuttle. 1,923,536; Aug. 22.
- Grafenstatt, Emil S., and C. F. Westberg, Los Angeles, Calif. Machine for molding briquettes and the like. 1,911,019; May 23.
- Graff, Emory L. (See Mulhollen, Scott W., assignor.)
- Graff, George, assignor to The Dura Company, Toledo, Ohio. Vehicle hardware. 1,913,026; June 6.
- Graff, George B., Company. (See Graff, L. S., and Stewart, assignors.)
- Graff, George U., Washington, D. C. Pyrotechnic starter composition. 1,903,814; Apr. 18.
- Graff, George U., Washington, D. C. Pyrotechnic composition for producing yellow smoke. 1,920,254; Aug. 1.
- Graff, Leland S., Arlington, and R. A. Stewart, Watertown, assignors to George B. Graff Company, Cambridge, Mass. Indicator tab. 1,924,239; Aug. 29.
- Grafton, George B., Irwin, Pa. Window bracket. 1,930,938; Oct. 17.
- Gragg, Frances E., and L. B. Cohn, Los Angeles, Calif. Vehicle side signal. 1,921,290; Aug. 8.
- Graham, Clarence R., North Tonawanda, N. Y. Amusement device. 1,903,995; Apr. 18.
- Graham, Daniel I., Philadelphia, Pa. Perch holder. 1,912,704; June 6.
- Graham, Earl S., Dallas, Tex., assignor to Inside Tray Company. Serving table. 1,921,462; Aug. 8.
- Graham, Earl S., Dallas, Tex., assignor to Inside Tray and treating the same. 1,921,668; Aug. 8.
- Graham, Fred. (See Trout, W. C., and Graham.)
- Graham, George A. (See Evans, L. M., and Graham.)
- Graham, George M., assignor to Kent-Moore Organization, Inc., Detroit, Mich. Hood fastener. 1,907,790; May 9.
- Graham, Harold M. (See Tinker, T., and Graham.)
- Graham, Harry C., Coraopolis Heights, Pa. Rail bolt. 1,935,206; Nov. 14.
- Graham, Herbert J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Lamp. 1,906,460; May 2.
- Graham, Herbert J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Reflector focusing apparatus. 1,909,946; May 23.
- Graham, Herbert J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Electrical receptacle. 1,927,638; Sept. 19.
- Graham, Herbert J., and L. A. Darling, assignors to Electric Service Supplies Company, Philadelphia, Pa. Brush plate assembly. 1,923,864; Aug. 22.
- Graham, Herbert R., Miller, S. Dak., assignor to Johnson & Johnson, New Brunswick, N. J. Storing and dispensing surgical adhesive plaster. 1,897,969; Feb. 14.
- Graham, James E. (See Thomson, Elihu, assignor.)
- Graham, James I., et al. (See Rowe, Charles E., assignor.)
- Graham, John H., Spokane, Wash. Drawing instrument. 1,924,094; Aug. 29.
- Graham, John S., Berkeley, Calif. Vehicle signal. 1,893,547; Jan. 10.
- Graham, Joshua F., Maynard, Mass. Power operated hedge clippers. 1,897,117; Feb. 14.
- Graham, Lee V. et al. (See Foss, Leland L., assignor.)
- Graham, Leon L., Chicago, Ill., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Brake throw measuring device. 1,901,292; Mar. 14.
- Graham, Mack C., Dallas, Tex. Golf practice club. 1,930,342; Oct. 10.
- Graham, Malcolm K., Graham, Tex. Window ventilator. 1,915,307; June 27.
- Graham, Matthew P. (See Hufferd, G. H., Crawford, and Graham.)
- Graham, Matthew P. (See Hufferd, G. H., and Graham.)
- Graham, Michael J., Chicago, Ill., assignor to International Harvester Company. Gauge fixture. 1,906,461; May 2.
- Graham-Paige Motors Corporation. (See Kishline, Floyd F., assignor.)
- Graham-Paige Motors Corporation. (See Neely, William H., assignor.)
- Graham Paper Company, The. (See Kniep, William H., assignor.)
- Graham, Peter S., et al. (See Slattery, Daniel J., assignor.)
- Graham, Robert A., et al. (See Rowe, Charles E., assignor.)
- Graham, Stuart, Ottawa, Ontario, Canada. Aerial photography. 1,898,179; Feb. 21.
- Graham, Virgil M. (See Manson, R. H., and Graham.)
- Graham, Virgil M., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Combined radioreceiver and electrical phonograph. 1,897,557; Feb. 14.
- Graham, Virgil M., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Remotely controlled radio receiving system. 1,913,482; June 13.
- Graham, Virgil M., and W. T. Powell, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Power supply system for vacuum tube amplifying devices. 1,897,556; Feb. 14.
- Graham, Walton C., Denver, Colo., assignor to Gilchrist & Company. Purification of solutions. 1,903,215; Mar. 28.
- Graham-White Sander Corporation. (See Frantz, Virgil L., assignor.)
- Graham, William S. (See Benjamin, B. R., and Graham.)
- Graham, William S., Canton, Ill., assignor to International Harvester Company. Plow attachment for tractors. 1,902,846; Mar. 28.
- Graham, William S., Tampa, Fla., assignor of one-half to C. M. Hartt, East Dennis, Mass. Multiple tool and holder. 1,926,531; Sept. 12.
- Graham, William S., and A. D. Gallagher, Canton, Ill., assignors to International Harvester Company. Tractor plow. 1,902,845; Mar. 28.
- Grahame, James H. (See Hall, F. W., and Grahame.)
- Grahame, James H. (See Watson, C. W., and Grahame.)
- Grärlert, Karl P. (See Muth, F., and Grärlert, assignors.)
- Gram, Carl F., Johnson City, Tenn., assignor to American Glanzstoff Corporation, New York, N. Y. Mixer. 1,924,080; Aug. 22.
- Gramann, Heinrich, F. M. (See Huenlich, C., and Gramann.)
- Grammer, Allen L. (See Allen, W. W. and Grammer.)
- Grammer, Allen L., Meadowbrook, Pa. Book and method of making same. 1,938,959; Dec. 12.
- Grammes, L. F., & Sons, Inc. (See Weindel, Fred, jr., assignor.)
- Grams, Fred J., Mishawaka, Ind. Moccasin. 1,920,554; Aug. 1.
- Gramss, Ernst, Stadtlengsfeld, Germany. Electric insulator. 1,927,639; Sept. 19.
- Granat, Elie, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France. Relay for distant control. 1,906,905; May 2.
- Granberg, Albert J., Berkeley, assignor to R. N. Brodie Company, Oakland, Calif. Fluid meter. 1,895,318; Jan. 24.
- Granberg, Albert J., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Fluid meter. 1,915,663; June 27.
- Grand, Percy F., assignor to Grand & Toy Limited, Toronto, Ontario, Canada. Filing case. 1,934,974; Nov. 14.
- Grand Rapids Fibre Card Company. (See Sackner, Wade E., assignor.)
- Grand & Toy Limited. (See Grand, Percy F., assignor.)
- Grandahl, Olof J. (See Gilbert, A. J., and Grandahl, assignors.)
- Grande, Albert, assignor to Beau Ideal Food Co., Boston, Mass. Food package and preparing the same. 1,906,375; May 2.
- Grande, Joseph H., Los Angeles, Calif. Packing iced vegetables. 1,895,319; Jan. 24.
- Grande, Joseph H., Alhambra, Calif. Shipping crate. 1,907,404; May 2.
- Grande, Joseph H., Salinas, Calif. Refrigerator shipping crate. 1,911,361; May 30.
- Grandinetti, Frank, et al. (See Compton, Walter H., assignor.)
- Grandinetti, Joseph, Syracuse, N. Y. Combined bottle filling and capping machine. 1,917,796; July 11.
- Grandjean, Georges, assignor to Isothermos Corporation, New York, N. Y. Collecting and feeding oil to journal bearings. 1,905,281; Apr. 25.
- Grandjean, Marc, Paris, France. Automatic ribbon reversing mechanism for typewriters. 1,928,561; Sept. 26.
- Grandjean, René, Courbevoie, France. Rack for disk gramophone records. 1,914,564; June 20.
- Grand Rapids Brass Company. (See Roedding, Gordon E., assignor.)
- Grand Rapids Cabinet Company. (See Fritz, E. M., and E. K. and E. W. Thomas, assignors.)
- Grand Rapids Fiber Cord Company. (See Sackner, Wade E., assignor.)
- Grandy, Jessie P., et al. (See Read, David Y., assignor.)
- Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Production of flat punchings. 1,915,959; June 27.
- Granze, Leo O., assignor to Walter J. Jarratt, Chicago, Ill. Vulcanizer. 1,905,463; Apr. 25.
- Grange, Leo O., assignor to W. J. Jarratt, Chicago, Ill. Vulcanizing apparatus. 1,914,853; June 20.
- Granger, Charles H., Waterbury, Conn. Sustaining-power synchronous electric clock. 1,926,806; Sept. 12.
- Granger, Charles H., assignor to Waterbury Clock Company, Waterbury, Conn. Synchronous electric clock. 1,911,565; May 30.
- Granger, Charles H., assignor to Waterbury Clock Company, Waterbury, Conn. Clock. 1,928,287; Sept. 26.
- Granger, Edson R., Waterbury, Conn., assignor to Chromium Corporation of America, New York, N. Y. Suction box cover for paper making machines. 1,910,330; May 23.
- Granger, Henry G., deceased, New York, N. Y., M. C. Granger, administratrix. Candy and making same. 1,927,640; Sept. 19.
- Granger, Maria C., administratrix. (See Granger, Henry G., assignor.)
- Grangers Manufacturing Company. (See Franke, Edward J., assignor.)
- Granges, Louis, Paris, France. Vehicle suspension device. 1,903,966; Apr. 18.
- Granite, Samuel L., Los Angeles, Calif. Tile cutting and breaking machine. 1,932,659; Oct. 31.
- Granite State Mowing Machine Co. (See Howe, W. S., and Causebrook, assignors.)

- Grannan, Earle C., executor. (See Flanagan, George J., assignor.)
- Granowski, Oscar A., Abbottsford, near Melbourne, Victoria, Australia. Apparatus for the automatic production of containers from paper and like material. 1,911,313; May 30.
- Granstedt, Erik, assignor to Aktiebolaget Formator, Stockholm, Sweden. Machine for the separation and formation of the filler of cigar bunches. 1,905,586; Apr. 25.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Cigar bunching machine. 1,906,152; Apr. 25.
- Grant, Adrian W. (See Dagley, F. R., and Grant.)
- Grant, Albert E., New York, and S. W. Vanderbeek, Manhasset, N. Y. Thermostat switch. 1,899,955; Mar. 7.
- Grant, Alexander M., San Diego, Calif. Well drilling apparatus. 1,899,438; Feb. 28.
- Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Furnace control means. 1,924,925; Aug. 29.
- Grant, Bessie S. B. (See Grant, Robert L., jr., assignor.)
- Grant, David H., Seattle, Wash. Agricultural machine. 1,932,660; Oct. 31.
- Grant, Dudley H., Moorestown, N. J., assignor to Standard Oil Development Company. Insecticide. 1,934,057; Nov. 7.
- Grant, Dudley H., New York, N. Y., assignor to Standard Oil Development Company. Insecticide and making the same. 1,940,646; Dec. 19.
- Grant, Edgar F., Old Town, Maine. Anvil vise. 1,908,748; May 16.
- Grant, Edwin J., Los Angeles, Calif. Apparatus for producing light boundaries. 1,916,567; July 4.
- Grant Elevator Equipment Corporation. (See Gussack, Nathan A., assignor.)
- Grant, Frederick C., Harvey, Ill. Pedal pad. 1,895,986; Jan. 31.
- Grant, Gerald M. M., Los Angeles, Calif. Compression ring. 1,903,107; Mar. 28.
- Grant, John. (See Aloi, Millio F., assignor.)
- Grant, John. (See Foster, Walter L., assignor.)
- Grant, John. (See Santiago, James J., assignor.)
- Grant, John, Los Angeles, Calif. Casing head. 1,928,833; Oct. 3.
- Grant, John, Los Angeles, Calif. Hydraulic expansion of underreamers. 1,938,960; Dec. 12.
- Grant, John A., Atlanta, Ga. Headlight. 1,903,417; Apr. 11.
- Grant, Joseph H. R., Kew Gardens, N. Y. Bottle. Des. 91,237; Dec. 26.
- Grant, Leo B. (See Gann, J. A., and Grant.)
- Grant Manufacturing and Machine Co., The. (See Noel, Philip X., assignor.)
- Grant, Margaret, Akron, Ohio. Sealing jelly, preserves, or the like in containers, and products for such use. 1,911,020; May 23.
- Grant, Martin H., Los Angeles, Calif. Wear resisting cushion heel. 1,916,264; July 4.
- Grant, Robert L., jr., assignor to B. S. B. Grant, Texarkana, Ark. Electric lamp guard. 1,893,409; Jan. 3.
- Grant, Rudolph R., Dayton, Ohio, assignor to The Blue Rock Chemical Corporation of Virginia, Norfolk, Va. Sealing composition. 1,906,749; May 2.
- Grant, Ulysses S., Minneapolis, and T. D. Lane, St. Paul, Minn., assignors to Economics Laboratory, Inc. Solution tank. 1,932,070; Oct. 24.
- Grant, William F., Newport News, Va., assignor to Newport News Shipbuilding and Dry Dock Company. Rotary valve. 1,901,961; Mar. 21.
- Grant, William J., New York, N. Y. Self-winding guide for flexible electric cords. 1,936,085; Nov. 21.
- Grant, William R., Philadelphia, Pa. Burial casket lamp. 1,912,035; May 30.
- Grant, Winfield S., and F. H. Shoop, Detroit, Mich. Oil burner. 1,903,364; Apr. 4.
- Grant, Winfield S., and F. H. Shoop, Detroit, Mich. Fire pot for oil burners. 1,910,761; May 23.
- Grantonic, John J., Mingo Junction, Ohio. Mechanical pool ball racking device. 1,919,296; July 25.
- Gränzer, Randolph, Mannheim, Germany, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric furnace. 1,933,851; Nov. 7.
- Grass, Michael J., assignor to The David Bell Company Inc., Buffalo, N. Y. Faucet. 1,913,381; June 13.
- Grassby, George A., jr. (See Glahn, O. M., and Grassby.)
- Grasselli Chemical Company, The. (See Alvord, Earl B., assignor.)
- Grasselli Chemical Company, The. (See Corson, Harry P., assignor.)
- Grasselli Chemical Company. (See Feagley, Chester C., assignor.)
- Grasselli Chemical Company, The. (See Jenemann, Joseph A., assignor.)
- Grasselli Chemical Company, The. (See Lawrence, Ralph E., assignor.)
- Grasselli Chemical Company, The. (See Lemmerman, P. C., and Remler, assignors.)
- Grasselli Chemical Company, The. (See Lutz, George, assignor.)
- Grasselli Chemical Company, The. (See Schweitzer, William K., assignor.)
- Grasselli Chemical Company, The. (See Taylor, Edward A., assignor.)
- Grasselli Chemical Company, The. (See Thomas, Otho L., assignor.)
- Grasselli Chemical Company, The. (See Waddell, Myron C., assignor.)
- Grasselli Chemical Company, The. (See Wahlgren, Albert W., assignor.)
- Grasselli Chemical Company, The. (See Weise, Charles P., assignor.)
- Grasselli Chemical Company, The. (See Westbrook, Leon R., assignor.)
- Grasselli Chemical Company, The. (See Wood, Charles D., sr., assignor.)
- Grasselli Chemical Company, The. (See Young, Harry C., assignor.)
- Grasso, Aley G., Bridgeport, Conn. Window stop. 1,940,084; Dec. 19.
- Grasso, Frank, Wilkes-Barre, Pa. Collapsible box. 1,928,976; Oct. 3.
- Grasswick, Carl A., Valley City, N. Dak. Combine harvester for cutting and threshing grain. 1,897,611; Feb. 14.
- Grath, Walter P., Los Angeles, Calif. Safety razor. 1,915,664; June 27.
- Gratiot, Chester A., Portland, Oreg., assignor to Eversharp Lawnmower Company. Lawnmower. 1,899,439; Feb. 28.
- Graton & Knight Company. (See Chandler, Robert W., assignor.)
- Graton & Knight Company. (See Griffith, Winfred S., assignor.)
- Graton & Knight Company. (See Kullman, Alfred, assignor.)
- Grattan, David, Los Angeles, Calif. Force feed lubricating apparatus. 1,901,027; Mar. 14.
- Grau, Juan, Habana, Cuba. Vehicle headlight. 1,896,194; Feb. 7.
- Graubner, Herman G. (See Jones, H. W., and Graubner.)
- Graubner, Herman G., New York, N. Y., assignor to National Carbon Company, Inc. Flash light switch. 1,937,651; Dec. 5.
- Grauer, Solomon, Brooklyn, N. Y. Sadiron. 1,902,025; Mar. 21.
- Grauer, Solomon, Brooklyn, N. Y. Nonrefillable bottle. 1,934,058; Nov. 7.
- Grauman, Arthur H. (See Grauman, Frank A., and A. H.)
- Grauman, Frank A. and A. H., Seattle, Wash. Sediment collecting stopper. 1,892,884; Jan. 3.
- Grauman, Frank A. and A. H., Seattle, Wash. Sediment collecting cap. 1,908,975; May 16.
- Graumnitz, Bruno, New York, N. Y. Article of furniture. 1,915,990; June 27.
- Gravell, Edgar A. (See Gravell, Frank F. and E. A.)
- Gravell, Frank F., Rochester, N. Y., and E. A. Gravell, Milford, Conn. Stair building tool. 1,921,356; Aug. 8.
- Gravell, James H., Elkins Park, Pa. Organic compound and treating the same. 1,921,668; Aug. 8.
- Gravell, James H., Elkins Park, Pa. Composition of matter for selectively controlling metal pickling baths. 1,932,015; Oct. 24.
- Gravell, James H., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Material for and process of coating metal. 1,895,320; Jan. 24.
- Gravell, James H., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Preventing cleaned metal from rusting. 1,938,961; Dec. 12.
- Gravely, Benjamin F., Dunbar, W. Va. Mowing device. 1,901,293; Mar. 14.
- Gravenstine, George E. (See Hummert, R. H., and Gravenstine.)
- Graver Corporation. (See Adams, James L., jr., assignor.)
- Graver Corporation. (See Bressler, R. E., and Moses.)
- Gravert, William J., Long Island City, N. Y. Fastener for fire brick and the like. 1,922,945; Aug. 15.
- Graves, Benjamin P., Edgewood, and W. A. Gigger, assignors to Brown & Sharpe Manufacturing Company, Providence, R. I. Milling machine. 1,932,546; Oct. 31.
- Graves, Elles M., Philadelphia, Pa. Jack attachment. 1,941,395; Dec. 26.
- Graves, George A. (See Lutts, W. E., and Graves.)
- Graves, George D., Wilmington, Del. Neutralizing insect and plant poisons. 1,913,631; June 13.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anti-freeze composition. 1,900,014; Mar. 7.
- Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esterification. 1,915,308; June 27.
- Graves, Herbert C., jr., Radnor Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electrical switchboard structure. 1,927,420; Sept. 26.
- Graves, Herbert C., jr., Tredyffrin Township, Chester county, and Henry J. Schmid, assignors to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electromagnetic device. 1,924,686; Aug. 29.
- Graves, Lynus O., Fraser, Colo. Toothbrush. Re19,006; Nov. 21.
- Graves, Thomas A., New Canaan, Conn. Valve. 1,926,095; Sept. 12.
- Graves, Walter S. (See Steiner, F. M., and Graves.)
- Gray, Alanson M., administrator. (See Gray, Philander R., assignor.)

- Gray, Alvin N., Baltimore, Md., and A. R. Kemp, Westwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Applying and vulcanizing an insulating compound. 1,927,400; Sept. 19.
- Gray, Archie M., Compton, Calif. Bermuda grass cutter. 1,899,414; Feb. 28.
- Gray, Arthur W., assignor to The Brown Instrument Company, Philadelphia, Pa. Compensator for recorders. 1,927,401; Sept. 19.
- Gray, Bertram P., Birmingham, England. Rivet. 1,940,413; Dec. 19.
- Gray, Charles B., Millbourne, Pa. Cutting machine. 1,903,234; Mar. 28.
- Gray, Charles B., Millbourne, Pa. Cutting machine. 1,916,419; July 4.
- Gray, Charles B., Millbourne, Pa. Motor-operated shear. 1,922,846; Aug. 15.
- Gray, Chester E., and G. D. Turnbow, Oakland, Calif. Method and apparatus for separating coins. 1,921,669; Aug. 8.
- Gray, Daniel. (See Murray, W. S., and Gray.)
- Gray, Daniel, assignor to Oneida Community, Limited, Oneida, N. Y. Electrodepositing indium and indium and silver. 1,935,630; Nov. 21.
- Gray, Daniel M. (See Williams, J. J., and Gray.)
- Gray, Daniel M., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Liner for receptacle closures. 1,903,319; Apr. 4.
- Gray, Daniel M., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Plastic composition. 1,904,445; Apr. 18.
- Gray, Daniel M., and J. J. Williams, assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Apparatus for casting zinc slabs and the like. 1,910,008; May 23.
- Gray & Danielson Manufacturing Company. (See Danielson, Ernest G., assignor.)
- Gray, Edward, assignor to Edward Gray, Engineer, Inc., Detroit, Mich. Boat construction. 1,915,160; June 20.
- Gray, Edward, assignor to Edward Gray, Engineer, Inc., Detroit, Mich. Electric control system for power boats. 1,926,849; Sept. 12.
- Gray, Edward, Engineer, Inc. (See Gray, Edward, assignor.)
- Gray, Edward J., East Orange, N. J. Razor. 1,934,422; Nov. 7.
- Gray, Ellsworth. (See Brown, C. G., and Gray.)
- Gray, Elmer E., Saugus, Mass. Envelope sealing machine. 1,921,119; Aug. 8.
- Gray, Ffolliott. (See Hodgson, J. L., and Gray.)
- Gray, Ffolliott, Luton, assignor to George Kent, Limited, London, England. Variable-speed gear. 1,926,279; Sept. 12.
- Gray, Floyd E. (See Brump, H. L., and Frederick O. and F. E. Gray.)
- Gray, Frank, assignor to Western Electric Company, Incorporated, New York, N. Y. Protective device. 1,903,996; Apr. 18.
- Gray, Frank, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Glow discharge lamp. 1,925,693; Sept. 5.
- Gray, Franklin A., West New Brighton, N. Y. Valve. 1,898,952; Feb. 21.
- Gray, Fred D., Herkimer, N. Y., assignor to Hoid-Tite Packing Corporation. Apparatus and method of drying pulp articles. 1,893,497; Jan. 10.
- Gray, Frederick O. (See Brump, H. L., and Frederick O. and F. E. Gray.)
- Gray, George P., Monrovia, Calif., assignor to American Cyanamid Company, New York, N. Y. Fumigation. 1,927,517; Sept. 19.
- Gray, George W., New York, N. Y., and B. E. Hull, Houston, Tex., assignors to The Texas Company, New York, N. Y. Fractionating apparatus. 1,939,392; Dec. 12.
- Gray, Gertram F., Birmingham, England. Pad for use with horseshoes. 1,911,187; May 30.
- Gray, Harold, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubber to metal. 1,919,718; July 25.
- Gray, Harry, Galveston, Tex. Load carrying vehicle. 1,894,311; Jan. 17.
- Gray, Harry F., assignor to The Simplex Piston Ring Company of America, Incorporated, Cleveland, Ohio. Piston packing. 1,932,779; Oct. 31.
- Gray, Harry F., Brunswick, and C. Wenzel, assignors to The International Piston Ring Company, Cleveland, Ohio. Piston ring. 1,923,573; Aug. 22.
- Gray, Harry L. (See Murray, T. E., Jr., and Gray.)
- Gray, Harry M., Los Angeles, assignor to H. W. Mark, Santa Barbara, Calif. Exchange silicate and preparing. 1,926,618; Sept. 12.
- Gray, James A., assignor to American Can Company, San Francisco, Calif. Method of and apparatus for making angular containers. Re18,890; July 11.
- Gray, James G., Glasgow, Scotland. Gyroscopic apparatus. 1,931,191; Oct. 17.
- Gray, Jesse L., Dallas, Tex. Air cooled rotary internal combustion motor. 1,912,634; June 6.
- Gray, John W., assignor of one-half to B. V. Curnen, Chattanooga, Tenn. Shock absorber mechanism. Re18,747; Feb. 28.
- Gray, John W., assignor of one-half to B. V. Curnen, Chattanooga, Tenn. Shock absorbing mechanism. 1,899,909; Feb. 28.
- Gray, Joseph A., Norwalk, Conn. Resilient wheel. 1,918,032; July 11.
- Gray, Joseph H., Elizabeth, N. J., assignor to American Telephone and Telegraph Company. Reinforcing cable sleeves. 1,929,580; Oct. 10.
- Gray, Joseph P., assignor to Drift-O-Cock Corporation, Kansas City, Mo. Cylinder cock. 1,912,447; June 6.
- Gray, Leonard G., Decatur, Ill. Refrigerator display case. 1,932,694; Oct. 31.
- Gray, Lois B., Kansas City, Mo. Receptacle protector. 1,924,926; Aug. 29.
- Gray, Martin V., Stockton, Calif. Garment hanger. 1,906,058; Apr. 25.
- Gray, Max, Minneapolis, Minn. Hanger for fur. 1,900,550; Mar. 7.
- Gray, Milton, assignor to E. L. Bruce Company, Memphis, Tenn. Floor. 1,925,068; Aug. 29.
- Gray, Nathan, Brooklyn, N. Y. Egg product and making the same. 1,915,526; June 27.
- Gray, Percy. (See Adam, W. G., and Gray.)
- Gray, Philander R., deceased, Newark, N. J., Alanson M. Gray, administrator, assignor to The Gray Processes Corporation, Newark, N. J. Distilling system. 1,892,764; Jan. 3.
- Gray, Philip P., Hollis, N. Y., and E. E. Werle, Grantwood, N. J., assignors to The Fibre Conduit Company, Orangeburg, N. Y. Impregnating porous materials. 1,930,646; Oct. 17.
- Gray & Prior Machine Company, The. (See Prior, George A., assignor.)
- Gray Processes Corporation, The. (See Brooks, Benjamin T., assignor.)
- Gray Processes Corporation, The. (See Brown, John W., assignor.)
- Gray Processes Corporation, The. (See Gray, Philander R., assignor.)
- Gray Processes Corporation, The. (See Gray, Thomas T., assignor.)
- Gray, Raymond K., Chicago, Ill. Lock. 1,937,224; Nov. 28.
- Gray, Russell J. (See Butler, Clyde G., assignor.)
- Gray, Russell J., Minneapolis, Minn. Lubricating system. 1,917,966; July 11.
- Gray Telephone Pay Station Company, The. (See Long, George A., assignor.)
- Gray, Thomas T., Elizabeth, assignor to The Gray Processes Corporation, Newark, N. J. Refining hydrocarbons. 1,901,158; Mar. 14.
- Gray, Thomas T., Elizabeth, assignor to The Gray Processes Corporation, Newark, N. J. Refining process. 1,908,599; May 9.
- Gray, Thomas T., Elizabeth, assignor to The Gray Processes Corporation, Newark, N. J. Refining of hydrocarbon products. 1,937,113; Nov. 28.
- Gray, Walter A., Gila, N. Mex. Combination mouse and rat trap. 1,934,705; Nov. 14.
- Gray, Walter P., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator cabinet. Des. 90,155; June 20.
- Gray, Walter P., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator cabinet. Des. 90,156; June 20.
- Gray, Walter P., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator cabinet. Des. 90,653; Sept. 12.
- Gray, Walter P., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator cabinet. Des. 90,766; Sept. 26.
- Gray, Wesley M., Forth Worth, Tex. Safety device for aerial signs. 1,909,760; May 16.
- Gray, William E., West Lafayette, Ind., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Draft gear. 1,924,604; Aug. 29.
- Gray, William H. and W. J. Rochester, N. Y. Leavestrough hanger. 1,903,861; Apr. 18.
- Gray, William J. (See Gray, William H. and W. J.)
- Gray, Willis R., Oakton, Va. Evergreen plant. Pl. Pt. 54; Jan. 31.
- Gray, Worth M., Elkin, N. C. Fly swatter. 1,897,697; Feb. 14.
- Graybar Electric Company. (See Reddig, Charles E., assignor.)
- Grayson Appliance Company. (See Grayson, John H., assignor.)
- Grayson Appliance Company Limited. (See Grayson, John H., assignor.)
- Grayson Appliance Company Limited. (See Grayson, J. H., and Straub, assignors.)
- Grayson, Charles J., Huntington, W. Va. Gas burner. 1,937,474; Nov. 28.
- Grayson Heat Control, Inc. (See Vaughn, Sidney P., assignor.)
- Grayson, John H., assignor to Grayson Appliance Company, Ltd., Lynwood, Calif. Casing for a control mechanism for time controlled cooking. Des. 88,873; Jan. 3.
- Grayson, John H., assignor to Grayson Appliance Company Limited, Lynwood, Calif. Heat control device for stoves. 1,926,532; Sept. 12.
- Grayson, John H., and F. A. Straub, assignors to Grayson Appliance Company Limited, Lynwood, Calif. Automatic heat regulator. 1,926,533; Sept. 12.
- Grayson, Luther W., Navarre, assignor of one-half to W. S. Bloomberg, Massillon, Ohio. Steering gear safety device. 1,928,816; Oct. 3.
- Grayson, Ralph V., Atlanta, Ga. Apparatus for freezing liquids in vacuo. 1,910,009; May 23.

- Grayson, Ralph V., assignor of 50 per cent to E. G. Ballenger, C. M. Foster, and F. M. Bird, Atlanta, Ga., as organizers of Refrigeration Patents and Processes, Inc. Deaerating freezing process and apparatus therefor. 1,938,522; Dec. 5.
- Grayson, Ralph V., and E. G. Ballenger, Atlanta, Ga.; said Grayson assignor to Patent and Security Holding Corporation, Tampa, Fla. Quick freezing system. 1,924,988; Aug. 29.
- Grazer-Waggon-und Maschinen-Fabriks Aktiengesellschaft vormals Joh. Wetzlar. (See Dietrich, Anton, assignor.) Graziani, Vincenzo, Detroit, Mich. Antiskid chain for pneumatic tires. 1,899,801; Feb. 28.
- Graziano, Joseph, Hazleton, Pa. Carburetor. 1,931,379; Oct. 17.
- Grbovic, Drago, New York, N. Y. Neon tube sign. 1,920,555; Aug. 1.
- Great Lakes Dredge & Dock Company. (See Hausler, M. G., and Murray, assignors.)
- Great Lakes Pipe Line Company. (See Richardson, Frank E., assignor.)
- Great Western Fuse Company. (See La Mar, Frank C., assignor.)
- Greaves, Frederick G. (See Bardon, D. M., Greaves, and Watt.)
- Grebe, Albert. (See Jonson, G. W., and Grebe.)
- Grebe, Alfred H., Hollis, N. Y. Radio receiving apparatus. 1,895,792; Jan. 31.
- Grebe, Alfred H., Hollis, N. Y. Radio receiving apparatus. 1,937,564; Dec. 5.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Vaporizing. 1,895,220; Jan. 24.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Heat energy system. 1,912,938; June 6.
- Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Treating wells with acids. 1,916,122; June 27.
- Grebe, John J., and S. M. Stoesser, assignors to The Dow Chemical Company, Midland, Mich. Synthetic lubricant and making same. 1,905,850; Apr. 25.
- Grebe, John J., R. H. Boundy, and R. T. Sanford, assignors to The Dow Chemical Company, Midland, Mich. Treating deep wells. 1,911,446; May 30.
- Grebe, John J., and W. H. Dow, assignors to The Dow Chemical Company, Midland, Mich. Making phenates. 1,917,762; July 11.
- Grebe, John J., R. H. Boundy, and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Extracting bromine from dilute saline solutions. 1,924,313; Aug. 29.
- Greibenstein, Clarine K., Englewood, N. J. Serving wagon. Des. 91,153; Dec. 5.
- Greco, Alfredo, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system for electric current rectifiers. 1,903,451; Apr. 11.
- Gredell, Otto N. (See Preston, E., and Gredell.)
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Manhole cover. 1,899,565; Feb. 28.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Trailer truck tank construction. 1,902,849; Mar. 28.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Grinding mill. 1,907,791; May 9.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Screen assembly for grinding mills. 1,928,887; Oct. 3.
- Gredell, Otto N., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Dust collector. 1,933,730; Nov. 7.
- Greear, Everett B., assignor of one-half to C. B. Stallard, Sharondale, Ky. Boat davit support. 1,897,307; Feb. 14.
- Greeman, Omer W., Rosiclare, Ill., and H. A. Lilly, Avondale Estates, Ga., assignors to Aluminum Company of America, Pittsburgh, Pa. Flotation process. 1,926,045; Sept. 12.
- Green, Amos V., Denver, Colo. Container of the hand opening and closing type and cover therefor. 1,920,786; Aug. 1.
- Green, Anna T. (See Dahl, Conrad, assignor.)
- Green, Arthur P., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Method and apparatus for treating pile fabrics. 1,913,114; June 6.
- Green, Arthur W., New York, N. Y., assignor to The Dentists' Supply Company of New York. Tooth guide. 1,938,222; Dec. 5.
- Green, Burnett E., assignor to Huron Industries, Inc., Alpena, Mich. Vibrating screen. 1,905,393; Apr. 25.
- Green, Charles E., assignor to Pawtucket Screw Company, Pawtucket, R. I. Thermoelectric sprinkler head. 1,904,828; Apr. 18.
- Green, Charles F., Schenectady, N. Y., assignor to General Electric Company. Indicating device. 1,902,497; Mar. 21.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,898,049; Feb. 21.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,901,097; Mar. 14.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,915,604; June 27.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,920,374; Aug. 1.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,920,375; Aug. 1.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,924,278; Aug. 29.
- Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,932,621; Oct. 31.
- Green, Charles W., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for communicating with moving vehicles. 1,934,423; Nov. 7.
- Green, Charlie C., Plano, Tex. Adjustment lever. 1,895,987; Jan. 31.
- Green, Clifford H., Paris Township, Kent County, Mich., assignor, by mesne assignments, to Automatic Musical Company. Mechanism for feeding to, and clamping bodies in, machines. 1,921,898; Aug. 8.
- Green, Clifford H., Paris Township, Kent County, Mich., assignor, by mesne assignments, to Automatic Musical Instrument Company. Coin-operated mechanism. 1,931,693; Oct. 24.
- Green, Earl E., assignor to The Manley Manufacturing Company, York, Pa. Trestle. 1,894,293; Jan. 17.
- Green, Earl E., assignor to The Manley Manufacturing Company, York, Pa. Combined spotting and release mechanism. 1,930,197; Oct. 10.
- Green, Ernest. (See Franklin, C. S., and Green.)
- Green, Ernest, Bridgeport, Ohio. Electric lamp. 1,928,174; Sept. 26.
- Green, Ernest, Penrose, Long Stomps, Chelmsford, England, assignor to Radio Corporation of America. Electrical high frequency circuits. 1,910,604; May 23.
- Green, Ernest, London, England, assignor to Radio Corporation of America. Stabilized amplifier circuits. 1,912,191; May 30.
- Green, Estill I. (See Affel, H. A., and Green.)
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Transmission control. 1,918,390; July 18.
- Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Coaxial conductor system. 1,937,652; Dec. 5.
- Green, Frank R., assignor to Joseph Peter, Chicago, Ill. Cigarette ring. 1,906,003; Apr. 25.
- Green, George H., Knighton Fields, Leicester, assignor to The Economic Windings Company Limited, Leicester, England. Producing a chain link and the link made by such a method. 1,939,346; Dec. 12.
- Green, Harry A., Portland, Ore. Furniture clamp. 1,914,088; June 13.
- Green, Harry A., Portland, Ore. Traveling work table. 1,928,934; Oct. 3.
- Green, Harry A., Portland, Ore. Glue gun. 1,936,906; Nov. 28.
- Green, Irving W. (See Edwards, W. H., and Green.)
- Green, Irving W., Cranford, N. J., assignor to American Telephone and Telegraph Company. Telephone substation apparatus. 1,896,196; Feb. 7.
- Green, Irving W., Cranford, and F. C. Bisbee, Elizabeth, N. J., assignors to American Telephone and Telegraph Company. Electromagnetic signaling device. 1,896,195; Feb. 7.
- Green, Jacob M. (See Green, Morris A. and J. M.)
- Green, James E., Terre Haute, Ind. Metal tile wall. 1,936,507; Nov. 21.
- Green, James L., Lakewood, Ohio, assignor to National Carbon Company, Inc. Digester. 1,932,457; Oct. 31.
- Green, John C., assignor of one-third to T. L. Owen, Dubach, La. Pipe tongs. 1,922,128; Aug. 15.
- Green, John R., Cincinnati, Ohio, assignor to The Brown Instrument Company, Philadelphia, Pa. Method of and apparatus for controlling regenerative furnaces. 1,937,017; Nov. 28.
- Green, Joshua, Dalston, London, assignor, by direct and mesne assignments, to Malenite Industries Limited, London, England. Veneering. 1,894,171; Jan. 10.
- Green, Lee B., Lakewood, assignor to Globe Machine & Stamping Company, Cleveland, Ohio. Automobile radiator shell with louver-type grille. Des. 88,965; Jan. 10.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Radiator shell front. Des. 89,568; Apr. 4.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille for radiator shell fronts. Des. 89,988; May 23.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille for radiator shell fronts. Des. 89,989; May 23.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Grille for radiator shell fronts. Des. 90,072; June 6.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Radiator shutter and shell assembly for automobiles. 1,899,323; Feb. 28.

- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Water heater for coffee making. 1,901,028; Mar. 14.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Louver-type grille for automobile radiators. 1,914,253; June 13.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Electromagnetic fluid control valve. 1,915,822; June 27.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Beverage water heater. 1,920,013; July 25.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Roller-type washing or dry-cleaning machine. 1,928,100; Sept. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Twin-shutter actuating mechanism. 1,932,244; Oct. 24.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Combined pressure regulator and switch. 1,938,327; Dec. 5.
- Green, Lee B., Lakewood, assignor to The Borden Company, Warren, Ohio. Washing machine. 1,941,259; Dec. 26.
- Green, Lee B., Lakewood, assignor to The Globe Machine & Stamping Company, Cleveland, Ohio. Louver type grille for automobile radiators. 1,941,396; Dec. 26.
- Green, Leslie P., assignor to James Wood, Chicago, Ill. Scraper bucket. 1,932,175; Oct. 24.
- Green, Louis D., San Francisco, Calif. Surgical instrument. 1,905,851; Apr. 25.
- Green, Matthew J., Portsmouth, Va. Individual ash receptacle. 1,895,988; Jan. 31.
- Green, Milton T., Bradford, Pa. Cigarette maker. 1,929,581; Oct. 10.
- Green, Morris, Scranton, Pa. Shrine. Des. 90,366; July 25.
- Green, Morris A. and J. M., New York, N. Y. Scarf. 1,916,507; July 4.
- Green, Newton B. (See Wellman, H. C., and Green.)
- Green, Reese. (See Hincley, C. E., and Green.)
- Green, Richard D., and A. J. Morgan, assignors to John A. Roebing's Sons Company, Trenton, N. J. Attachment for wire ropes and making the same. 1,908,600; May 9.
- Green, Richard D., and A. J. Morgan, assignors to John A. Roebing's Sons Company, Trenton, N. J. Rope attachment and making the same. 1,908,838; May 16.
- Green, Richard D., and A. J. Morgan, assignors to John A. Roebing's Sons Company, Trenton, N. J. Attachment for wire ropes. 1,909,344; May 16.
- Green, Samuel M., Springfield, Mass. Fire extinguisher. 1,892,724; Jan. 3.
- Green, Samuel M., Springfield, Mass. Fire extinguisher. 1,941,298; Dec. 26.
- Green, Samuel M., Springfield, Mass., assignor to H. B. Hopson and A. B. Hopson, as trustees. Reel. 1,913,632; June 13.
- Green, Sherwood, Berkeley, Calif. Unloading system. 1,918,330; July 18.
- Green, Sherwood, assignor to American Cotton Machinery Co., Berkeley, Calif. Cotton picker. 1,895,160; Jan. 24.
- Green, Sherwood, assignor to American Cotton Machinery Co., Berkeley, Calif. Separating apparatus. 1,910,829; May 23.
- Green, Sherwood, assignor to American Cotton Machinery Co., Berkeley, Calif. Cotton treatment method and apparatus. 1,930,952; Oct. 17.
- Green, Stanley J., and R. R. Widdowson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of aliphatic acid anhydrides. 1,915,572; June 27.
- Green, Stanley J., and R. R. Widdowson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of aliphatic acid anhydrides. 1,915,573; June 27.
- Green, Stanley S., Indianapolis, assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Circuit controller. 1,897,118; Feb. 14.
- Green, Stanley S., Indianapolis, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Circuit breaker. 1,899,566; Feb. 28.
- Green, Stanley S., La Fayette, Ind. Phase control. 1,898,828; Feb. 21.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Watthour electricity meter. 1,906,927; May 2.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Circuit controller. 1,920,029; July 25.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Circuit controller. 1,920,030; July 25.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric switch. 1,920,031; July 25.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Circuit controller. 1,920,032; July 25.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Controller for electric circuits. 1,920,033; July 25.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Controller for electric circuits. 1,920,034; July 25.
- Green, Sylvester, Vauxhall, N. J. Casting float. 1,917,967; July 11.
- Green, Thomas L., Indianapolis, Ind. Biscuit machine. 1,939,810; Dec. 19.
- Green, Thomas L., and C. H. Williams, Indianapolis, Ind. Biscuit cutting and panning machine. 1,924,549; Aug. 29.
- Green, Victor, assignor of one-half to J. A. Johnson, Chicago, Ill. Claw hammer. 1,934,706; Nov. 14.
- Green, Walter H. (See Hughes, W. J., and Green.)
- Green, Walter H. (See Hughes, W. J., Green, and Hodges.)
- Green, Walter H., Chicago, Ill., assignor, by mesne assignments, to The Permutit Company, New York, N. Y. Softening water. 1,916,367; July 4.
- Green, Wilbur B., Lorimer, Iowa. Egg case cover. 1,909,345; May 16.
- Green, Wyman R., Chattanooga, Tenn. Antifriction hedge trimmer. 1,909,853; May 16.
- Green, Wyman R., Chattanooga, Tenn. Hedge trimmer. 1,914,419; June 20.
- Green, Wyman R., Chattanooga, Tenn. Hedge trimmer. 1,921,520; Aug. 8.
- Greenawalt, John E., New York, N. Y. Disposing of sewage sludge. 1,895,159; Jan. 24.
- Greenawalt, John E., New York, N. Y. Cooling sintered material. 1,900,234; Mar. 7.
- Greenawalt, John E., New York, N. Y. Disposing of refuse matter. 1,918,535; July 18.
- Greenawalt, John E., New York, N. Y. Charge car for feeding material to be sintered. 1,935,876; Nov. 21.
- Greenbank, George R., Washington, D. C., dedicated to the free use of the Government and the people of the United States. Inhibiting oxidation of unsaturated fats, oils, fatty acids, and substances containing fatty material having a tendency to become rancid. 1,898,363; Feb. 21.
- Greenbaum, Arthur. (See Crossman, H., Greenbaum, and Bernstein.)
- Greenberg, Irving, Union City, N. J. Slide fastener. 1,903,415; Apr. 4.
- Greenberg, Mandel, Brooklyn, N. Y. Combination sprayer and sweeper. 1,903,896; Apr. 18.
- Greenberg, Meyer, Lynbrook, assignor to Craftsman Radiator Enclosure Company, Inc., Oceanside, N. Y. Cabinet construction. 1,906,208; Apr. 25.
- Greenberg, William, Portland, Oreg. Number indicator and register for automatic telephones. 1,932,965; Oct. 31.
- Greenberger, Bernard, New York, N. Y. Cigar lighter or similar article. Des. 89,338; Feb. 28.
- Greene, Albert E., Medina, Wash. Combustion-arc process and apparatus. 1,904,683; Apr. 18.
- Greene, Albert E., Medina, Wash. Melting. 1,904,684; Apr. 18.
- Greene, Albert E., Medina, Wash. Electrothermic reduction process. 1,920,376; Aug. 1.
- Greene, Albert E., Medina, Wash. Selective reduction. 1,920,377; Aug. 1.
- Greene, Albert E., Medina, Wash. Electric furnace electrode holder. 1,920,378; Aug. 1.
- Greene, Albert E., Medina, Wash. Producing and melting sponge iron. 1,920,379; Aug. 1.
- Greene, Albert E., Seattle, Wash. Electric induction furnace. 1,920,380; Aug. 1.
- Greene, Bartholomew H., Sebring, Ohio. Bench for pottery molds. 1,914,740; June 20.
- Greene, Bartholomew H., Sebring, Ohio. Molding machine. 1,935,088; Nov. 14.
- Greene, Charles J., Dallas, Tex. Tourist camp cottage. Des. 90,484; Aug. 15.
- Greene, Charles J., Dallas, Tex. Tourist camp office building. Des. 90,485; Aug. 15.
- Greene, Charles J., Dallas, Tex. Tourist camp cottage. Des. 90,486; Aug. 15.
- Greene, Curtis, San Diego, Calif. Yieldable door stop and catch. 1,903,669; Apr. 11.
- Greene, Curtis, San Francisco, Calif. Collapsible strut. 1,916,882; July 4.
- Greene, Curtis, San Diego, Calif. Closure holding device. 1,922,676; Aug. 15.
- Greene, Curtis, San Diego, Calif. Stop for doors or gates. 1,936,232; Nov. 21.
- Greene, Daniel A., Flint, Mich. Water glass cooler. 1,931,159; Oct. 17.
- Greene, Edward, Newark, N. J. Document record device. 1,897,755; Feb. 14.
- Greene, Edwin D., assignor to Aarkell Safety Bag Company, New York, N. Y. Bag or lining and producing the same. 1,909,102; May 16.
- Greene, Ervin G., Wichita, Kans. Guard for downspouts. 1,930,354; Oct. 10.
- Greene, Francie R., assignor to C. H. D. Robins Co., Inc., New York, N. Y. Dress or similar article. Des. 89,039; Jan. 17.
- Greene, Frank C., Chicago, Ill. Blast furnace. 1,917,968; July 11.
- Greene, Frank C., Milwaukee, Wis. Fire unit for furnaces. 1,921,253; Aug. 8.
- Greene, Frank C., Milwaukee, Wis. Reactive stoker. 1,940,945; Dec. 26.
- Greene, Fred B., Escalon, assignor to A. B. Humphrey Company, Mayhews, Calif. Apparatus for precooling refrigerator cars. 1,901,505; Mar. 14.

- Greene, Frederick E., assignor to The Greist Manufacturing Company, New Haven, Conn. Ash tray. Des. 89,256; Feb. 14.
- Greene, Frederick E., assignor to The Greist Manufacturing Company, New Haven, Conn. Combined base and standard for a lamp. Des. 90,483; Aug. 15.
- Greene, George H., Kalamazoo, Mich. Ladder foot. 1,897,840; Feb. 14.
- Greene, Hal C., Louisville, Ky. Garment displaying device. 1,937,954; Dec. 5.
- Greene, Haskell M., Whittier, Calif. Device for indicating tension and length of lines in oil wells. 1,901,962; Mar. 21.
- Greene, James A., assignor to American Bakeries Company, Atlanta, Ga. Cake box. Des. 90,981; Nov. 7.
- Greene, John H., Philadelphia, Pa. Dental instrument. 1,902,850; Mar. 28.
- Greene, John S., Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic print handling means. 1,911,115; May 23.
- Greene, John S., and P. Landrock, Rochester, N. Y., assignors to Photostat Corporation, Providence, R. I. Print treating apparatus. 1,894,092; Jan. 10.
- Greene, John W., East Orange, N. J., assignor to Somet-Solvay Engineering Corporation, New York, N. Y. Coke oven battery. 1,915,360; June 27.
- Greene, Lynn M. (See Miller, L. M., Greene, Miller, and Calkins.)
- Greene, Nelson L., Chicago, Ill. Support for recording devices. 1,906,576; May 2.
- Greene, Thomas W., New York, N. Y., assignor to The Linde Air Products Company. Making a welded pipe joint. 1,939,772; Dec. 19.
- Greene, W. E., Corporation. (See Arnold, Oliver P., assignor.)
- Greenebaum, Walter J., Chicago, Ill. Convertible service cabinet. 1,898,299; Feb. 21.
- Greenfield, Arthur. (See Brewer, John F., assignor.)
- Greenfield, Nathan R., et al. (See Hatfield, Floyd H., assignor.)
- Greenfield Tap & Die Corporation. (See Koehler, O. E., and du Mont, assignors.)
- Greenfield Tap & Die Corporation. (See Koonz, Earl R., assignor.)
- Greenfield Tap & Die Corporation. (See Plantinga, Peter, assignor.)
- Greenhill, Charles W., New York, N. Y. Furniture. 1,927,828; Sept. 26.
- Greenhill & Daniel, Inc. (See Daniel, William, assignor.)
- Greenhoe, Claude, Detroit, Mich., assignor to Moraine Products Company, Dayton, Ohio. Bearing seal. 1,930,312; Oct. 10.
- Greenholt, Harry A., Chicago, Ill., assignor to National Biscuit Company, New York, N. Y. Facing machine. 1,905,700; Apr. 25.
- Greenholt, Harry A., Chicago, Ill., assignor to National Biscuit Company, New York, N. Y. Conveying mechanism. 1,905,701; Apr. 25.
- Greenidge, Ernest T. P.; R. A. Miller, administrator, assignor to Indiana Pipe Line Co., Huntington, Ind. Concrete form. 1,941,299; Dec. 26.
- Greenidge, Ralph M. C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial cable and loading coil therefor. 1,919,019; July 18.
- Greenidge, Ralph M. C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance device. 1,930,269; Oct. 10.
- Greening, B., Wire Co. Limited. (See Galloway, James W., assignor.)
- Greenleaf, Carl K., Palo Alto, Calif. Caster. 1,916,663; July 4.
- Greenleaf, John W., Hamden, assignor to Rockbestos Products Corporation, New Haven, Conn. Insulated conductor. 1,938,626; Dec. 12.
- Greenleaf, John W., Hamden, assignor to Rockbestos Products Corporation, New Haven, Conn. Method of and apparatus for making insulated wire. 1,938,627; Dec. 12.
- Greenleaf, Leland B., assignor to C. G. Conn. Ltd., Elkhart, Ind. Drum beater. 1,909,761; May 16.
- Greenleaf, Leland B., assignor to C. G. Conn. Ltd., Elkhart, Ind. Tympano. 1,916,123; June 27.
- Greenleaf, Leland B., assignor to C. G. Conn. Ltd., Elkhart, Ind. Musical trap holder. 1,924,784; Aug. 29.
- Greenleaf, Leland B., assignor to C. G. Conn. Ltd., Elkhart, Ind. Percussion musical instrument. 1,935,566; Nov. 14.
- Greenleaf, William H., Chicago, assignor to Western Clock Company, Peru, Ill. Electric clock. 1,895,923; Jan. 31.
- Greenleaf, William H., Chicago, assignor to Western Clock Company, Peru, Ill. Bearing. 1,907,792; May 9.
- Greenlee Bros. & Co. (See Abramson, J. H., and Swanson, assignors.)
- Greenlee Bros. & Co. (See Mansfield, Judson H., assignor.)
- Greenley, Jay H., Buffalo, N. Y. Speed and time recorder. 1,899,956; Mar. 7.
- Greenpoint Metallic Bed Co. (See Frank, B. M., and Basile, assignors.)
- Greenspan, Elsie, assignor to Seneca Silk Company, Inc., New York, N. Y. Textile fabric. Des. 90,274; July 4.
- Greenstein, Alexander S., New York, N. Y. Wedge-shape fur stretcher. 1,925,094; Sept. 5.
- Greenstreet, Oliver P., Owensville, Mo. Antifreeze compound for radiators. 1,905,380; Apr. 25.
- Greentree, Irving S., Richmond, Va. Antislip attachment for shoes. 1,918,639; July 18.
- Greenwald, Harold A. (See Whitehead, T. C., and Greenwald.)
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Front plate construction for tray compartments. 1,897,192; Feb. 14.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus and cabinet therefor. 1,898,438; Feb. 21.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerator cabinet construction. 1,898,439; Feb. 21.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,898,440; Feb. 21.
- Greenwald, Harold A., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Cooling unit for refrigerating apparatus. 1,914,994; June 20.
- Greenwald, Harold A., Detroit, assignor, by mesne assignments, to Whitehead & Kales Company, River Rouge, Mich. Humidifier. 1,925,660; Sept. 5.
- Greenwald, Harold A., assignor to Whitehead & Kales Company, River Rouge, Mich. Wheel. 1,897,375; Feb. 14.
- Greenwald, Harold A. and W. D. Drysdale, assignors, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Shaft and seal assembly. 1,929,491; Oct. 10.
- Greenwald, Willard F. (See Stoddard, W. B., jr., and Greenwald.)
- Greenwald, Willard F. (See Weisberg, L., and Greenwald.)
- Greenway, Richard J., assignor to C. B. Cottrell & Sons Company, Westery, R. I. Stereotype plate casting machine. 1,898,624; Feb. 21.
- Greenwich Inlaid Linoleum (Frederick Walton's New Patents) Company Limited. (See Montgomery, Harry, assignor.)
- Greenwood, Aaron A. (See Bjorson, C. J., and Greenwood.)
- Greenwood, Aaron A. (See Bjorson, C. J., Siebert, and Greenwood.)
- Greenwood, Alexander S., Chicago, Ill. Dial construction. 1,929,582; Oct. 10.
- Greenwood, Oscar A., Clarksville, Tex. Lung collapsing hammock. 1,934,302; Nov. 7.
- Greenwood, T. T. (See Burk, Michael F., assignor.)
- Greer, Edward R., Minneapolis, Minn. Dump wagon. 1,916,928; July 4.
- Greer, Edward R., Minneapolis, Minn. Tractor hitch. 1,927,891; Sept. 26.
- Greer, Fred W. (See Greer, Jesse W. and F. W.)
- Greer, Frederick W., Cambridge, Mass. Apparatus for tempering chocolate. 1,898,771; Feb. 21.
- Greer, Frederick W., Cambridge, Mass. Tempering device. 1,898,829; Feb. 21.
- Greer, Jesse W., Cambridge, Mass. Cluster forming machine. 1,938,423; Dec. 5.
- Greer, Jesse W., Cambridge, and F. W. Greer, Belmont, Mass. Confectionery dipping process and apparatus. 1,932,930; Oct. 31.
- Greer, Jesse W., Cambridge, and F. W. Greer, Belmont, Mass. Confectionery dipping process and apparatus. 1,932,931; Oct. 31.
- Greer, Palmore, Higginsville, Mo. Garage. 1,905,852; Apr. 25.
- Greer, Paul S. (See Cox, H. L., and Greer.)
- Gregg, Alfred W. and R. H. Frank, assignors to The Bonney-Floyd Company, Columbus, Ohio. Wear resisting ferrous alloy. 1,894,819; Jan. 17.
- Gregg, Alfred W. and R. H. Frank, assignors to The Bonney-Floyd Company, Columbus, Ohio. Wear resisting ferrous alloy. 1,894,820; Jan. 17.
- Gregg, Bessie L. (See Gregg, F. M., Campbell, and Myatt, assignors.)
- Gregg, David. (See McGrath, W. L., and Gregg, assignors.)
- Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Supercharger. 1,917,444; July 11.
- Gregg, Frank M., F. N. Campbell, and J. Myatt, assignors to B. L. Gregg, East Haven, Conn. Undercutting and sealing laminated glass or the like. 1,908,142; May 9.
- Gregg, Jacob L. (See Jones, Joseph O., assignor.)
- Gregg, Okey J., Seattle, Wash. Door trim and means to detachably secure the same in place. 1,926,673; Sept. 12.
- Gregor, Max F., Canoga Park, Calif. Liquid dispenser. 1,925,959; Sept. 5.
- Gregory, Charles D., Brownfield, Tex. Toy. Des. 91,191; Dec. 19.
- Gregory, Eli E., Brooklyn, and H. E. Comings, Manhasset, N. Y.; said Comings assignor to said Gregory. Electromotor. 1,893,025; Jan. 3.
- Gregory, George M. (See Dixon, Fate, assignor.)
- Gregory, George W., South Orange, assignor to Shur-Shur-Chek Company, Inc., Fanwood, N. J. Check device. 1,926,850; Sept. 12.
- Gregory, Louis W. (See Roberts, R. P., Dean, and Gregory.)
- Gregory, Peter A., Chicago Heights, Ill. Clutch disk. 1,913,802; June 13.

- Greibach, Emil H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Precision frequency system. 1,909,103; May 16.
- Greibach, Emil H., assignor to Sonotone Corporation, New York, N. Y. Electromagnetic vibrating device. 1,913,318; June 6.
- Greider, Clarence E., Lakewood, Ohio, assignor to National Carbon Company, Inc. Electrode for therapeutic arc lamps. 1,920,255; Aug. 1.
- Greider, Harold W., Plymouth Meeting, Pa., assignor to The Philip Carey Manufacturing Company. Magnesium carbonate and manufacturing process thereof. 1,900,235; Mar. 7.
- Greider, James B., South Milwaukee, Wis. Slipper. 1,894,681; Jan. 17.
- Greider, Jethro A., Spear Lake, Ind. Fish lure. 1,933,170; Oct. 31.
- Greider, Westley L., Quarryville, Pa. General utility tool. 1,906,906; May 2.
- Greider, Westley L., Quarryville, Pa. Forest fire-fighting rake. 1,907,153; May 2.
- Greig, James W. (See Toneray, M. H., and Greig.)
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Door bumper. 1,908,839; May 16.
- Greig, Jeanne F., assignor to The Charnaux Patent Corset Company Limited, London, England. Brassière. Des. 89,302; Feb. 21.
- Greig, Jeanne F., assignor to The Charnaux Patent Corset Company Limited, London, England. Brassière. Des. 89,303; Feb. 21.
- Greig, John W. (See Evans, P. H., and Greig.)
- Greig, John W., Little Falls, N. J., and A. B. Bailey, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio direction finding system. 1,922,677; Aug. 15.
- Greiner, E. E. (See Phillips, James G., assignor.)
- Greiner, Edward E. (See Johnson, Ben P., assignor.)
- Greiner, George J., assignor to Continental Can Company, Inc., New York, N. Y. Gauge mechanism for punch presses. 1,934,303; Nov. 7.
- Greiner, John, Philadelphia, Pa. Socket wrench. 1,896,949; Feb. 7.
- Greiner, Max, Berlin-Charlottenburg, Germany. Electric horn or other acoustic signal producer. 1,939,347; Dec. 12.
- Greis, Alphonse M., Hartsdale, assignor of one-half to Walter L. Biery, New York, N. Y. Switching device. 1,922,946; Aug. 15.
- Greist, Hubert M., and G. L. Hinman, assignors to The Greist Manufacturing Company, New Haven, Conn. Telephone stand. 1,908,840; May 16.
- Greist, Hubert M., and G. L. Hinman, assignors to The Greist Manufacturing Company, New Haven, Conn. Power plant for household and kindred uses. 1,913,157; June 6.
- Greist, Hubert M., and G. L. Hinman, assignors to Greist Manufacturing Company, New Haven, Conn. Electrically operated potato parer. 1,939,847; Dec. 19.
- Greist, Hubert M., and G. J. La Vigne, assignors to Greist Manufacturing Company, New Haven, Conn. Lamp. 1,921,875; Aug. 8.
- Greist, Lewis T. (See Valle, Pembroke A., assignor.)
- Greist Manufacturing Company, The. (See Elwell, George H., assignor.)
- Greist Manufacturing Company, The. (See Greene, Frederick E., assignor.)
- Greist Manufacturing Company, The. (See Greist, H. M., and Hinman, assignors.)
- Greist Manufacturing Company. (See Greist, H. M., and La Vigne, assignors.)
- Greist, Percy R., Lynn, and H. A. Ballard, Beverly, Mass., assignors to The Turner Tanning Machinery Company, Portland, Me. Machine for operating upon hides, skins, and leather. 1,908,342; May 9.
- Grenagle, James B., assignor of one-half to W. W. Varney, and one-half to Universal Alloys, Incorporated, Baltimore, Md. Metal deposition and product thereof. 1,922,847; Aug. 15.
- Grenier, Leopold E., jr., New York, N. Y. Clinical thermometer. 1,919,630; July 25.
- Greninger, Robert R., Rochester, N. Y. Expanding tool. 1,918,640; July 18.
- Grennor, Frank V. (See St. Jean, P. J., and Grennor.)
- Grennor, Frank V., Chicopee, Mass., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Needle loom. 1,919,147; July 18.
- Greppin, Ernest H., Los Angeles, Calif. Operating room lighting fixture. 1,909,947; May 23.
- Gresham, F. M. (See Robertson, Ivy B., assignor.)
- Gresenz, William A., Menasha, Wis., assignor to International Cellulotton Products Company, Chicago, Ill. Package for interfolded sheet material. 1,935,905; Nov. 21.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Obtaining antipyrine. 1,896,619; Feb. 7.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Acyl derivatives of 4,4'-diamino diphenyl oxide. 1,900,442; Mar. 7.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Azo dyes from orthodichlorobenzene derivatives. 1,907,793; May 9.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Azo dye and making same. 1,917,519; July 11.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Direct-developed azo dyes. 1,917,835; July 11.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Amino alpha-phenoxy naphthalene. 1,921,120; Aug. 8.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Arylides of hydroxynaphtholic acids. 1,925,801; Sept. 5.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Arylide of hydroxy aromatic acids and making same. 1,938,901; Dec. 12.
- Grether, Ernest F., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. New arylides of 2,3-hydroxy naphtholic acid. 1,908,976; May 16.
- Grether, Ernest F., and L. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Arylides of 2,3-hydroxy-naphtholic acid. 1,935,554; Nov. 14.
- Grether, Ernest F., and L. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Substituted anilide of 2,3-hydroxy-naphtholic acid. 1,938,902; Dec. 12.
- Grettle, Donald P. (See Newton, R. C., and Grettle.)
- Greulich, Gerald G., Cleveland Heights Ohio, assignor to The Lock-Steel Company, Pittsburgh, Pa. Monolithic reinforcement. 1,937,018; Nov. 28.
- Greune, Heinrich. (See Brunner, A., and Greune.)
- Greune, Heinrich. (See Eckert, W., Sieber, Greune, and Langbein.)
- Greune, Heinrich. (See Kränzlein, G., Greune, Corell, and Vollmann.)
- Greune, Heinrich. (See Kränzlein, G., Greune, Thiele, and Helwert.)
- Greune, Heinrich, and W. Eckert, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitrogen containing compounds and preparing them. 1,930,876; Oct. 17.
- Greune, Heinrich, W. Eckert, and H. Sieber, Frankfurt-on-the-Main-Hochst, G. Langbein, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitrogen containing cyclic ketone and a process of preparing it. 1,931,192; Oct. 17.
- Greve, Edgar E., Dallas, Tex., assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Control mechanism for rotary drilling apparatus. Re18,947; Sept. 12.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Automatic releasing tong. 1,894,560; Jan. 17.
- Greve, Edgar E., Bellevue, assignor to Oil Well Supply Company, Oil City, Pa. Lubricating system for pumping power. 1,906,004; Apr. 25.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Reversing clutch mechanism. 1,906,790; May 2.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Method and apparatus employed in the drilling of wells. 1,918,096; July 11.
- Greve, Edgar E., Bellevue, assignor to Oil Well Supply Company, Oil City, Pa. Drawworks. 1,918,097; July 11.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Lubricating means for pumps. 1,920,381; Aug. 1.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Rotary pump or the like. 1,921,747; Aug. 8.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Closure means or cap for pumps. 1,929,310; Oct. 3.
- Greve, Edgar E., Bellevue, Pa., assignor to Oil Well Supply Company, Oil City, Pa. Block guard. 1,933,011; Oct. 31.
- Greve, Edgar E., Bellevue, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Belt tightener. 1,938,523; Dec. 5.
- Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Cardboard box. 1,908,667; May 9.
- Greve, John E. W., assignor to Astrawerke Aktiengesellschaft, Chemnitz, Germany. Adding and calculating machine. 1,897,932; Feb. 14.
- Greve, John E. W., assignor to Astrawerke Aktiengesellschaft, Chemnitz, Germany. Calculating machine. 1,903,179; Mar. 28.
- Greve, Louis W., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 1,894,398; Jan. 17.
- Greve, Louis W., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 1,898,772; Feb. 21.
- Grey Iron Casting Company. (See Coventry, William A., assignor.)
- Grey, John, New York, N. Y. Producing model garments in simulation of fur garments. 1,914,113; June 13.
- Grey, John, New York, N. Y. Kyle. 1,917,520; July 11.
- Grey, Louis P., Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 90,029; May 30.
- Gribojedoff, Nicolai, Putney, London, England. Winding machine. 1,904,726; Apr. 18.

- Gricks, Rudolph, Woodbury, Conn. Colostomy appliance. 1,922,763; Aug. 15.
- Gridley Dairy Company. (See Kelly, F. W., and Luedicke, assignors.)
- Gridley, George D., assignor to Eastman Kodak Company, Rochester, N. Y. Cementing. 1,908,601; May 9.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-clamp for sewing machines. 1,896,047; Jan. 31.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-holding and guiding mechanism for sewing machines. 1,906,317; May 2.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feed-lift throw-out mechanism for sewing machines. 1,908,292; May 9.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,922,433; Aug. 15.
- Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker for sewing machines. 1,928,590; Sept. 26.
- Grieb, Christopher M. W., Swansea, Wales, assignor to The International Nickel Company, Inc., New York, N. Y. Production of nickel carbonyl. 1,909,762; May 16.
- Griebat, Herman, Lodi, Calif. Tractor lug. 1,892,945; Jan. 3.
- Grieco, Michael A., assignor of forty per cent to R. L. Johnson, Chicago, Ill. Building block. 1,916,308; July 4.
- Grief, Joseph. (See Nebel, H. A., and Grief.)
- Grier, Edward B., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Lighting fixture canopy. Des. 89,889; May 16.
- Grier, Frank L. (See Moriya, Saburo M., assignor.)
- Grier, Garrett L., Milford, Del. Mixing slab. Des. 89,954; May 23.
- Grier, John A., New York, N. Y., assignor to Frigidaire Corporation, Dayton, Ohio. Terminal for refrigerating apparatus. 1,941,397; Dec. 26.
- Grier, John A., New York, N. Y., assignor, by mesne assignments, to Frigidaire Corporation, Dayton, Ohio. Inclosed motor pump unit. 1,934,189; Nov. 7.
- Gries, Louis, Chicago, Ill. Ornamenting metal surfaces. 1,937,146; Nov. 28.
- Griesedieck, Henry. (See Elzemeyer, E. E., and Griesedieck, assignors.)
- Grieshaber, Emil, assignor to Nordbert Manufacturing Company, Milwaukee, Wis. Cylinder-head construction. 1,925,444; Sept. 5.
- Grieshaber, Hugo E. (See Spear, L. Y., Grieshaber, and Nibbs.)
- Grieshaber, Hugo E., New London, assignor to Electric Boat Company, Groton, Conn. Rescue tank. 1,929,168; Oct. 3.
- Griesinger, John, Los Angeles, Calif., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry tab and affixing it to laundry articles. 1,912,132; May 30.
- Griesmeyer, Carl, Chicago, Ill. Container for garbage receptacles. 1,938,452; Dec. 5.
- Griessbach, Robert, Wolfen, and T. Kollmann, Mannheim, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Production of photosensitive emulsions. 1,892,725; Jan. 3.
- Grieve, Thomas E., assignor to The Gorton Chocolate Company, Corning, N. Y. Applying partial coatings to articles. 1,932,153; Oct. 24.
- Griffin, Adella V., San Diego, Calif. Educational device. 1,905,331; Apr. 25.
- Griffin, Alvah M., Los Angeles, Calif., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating deck. 1,903,291; Apr. 4.
- Griffin, Archibald J., Yuma, Ariz. Threshing machine. 1,917,583; July 11.
- Griffin, Claude, assignor of one-half to Samuel Sunserie, Portland, Oreg. Mechanic's square. 1,919,551; July 25.
- Griffin, Clayton O., Fort Wayne, Ind. Liquid dispenser. Des. 89,754; May 2.
- Griffin, Frank. (See Jones, C. R., and Griffin.)
- Griffin, George E., Brooklyn, N. Y. Liquid flow controlling device. 1,919,631; July 25.
- Griffin, James H., Grantwood, N. J. Roof. 1,930,427; Oct. 10.
- Griffin, James J., West Orange, N. J. Score and tally device. 1,894,093; Jan. 10.
- Griffin, James T., Oak Park, J. P. Deane, Berwyn, and J. G. Cureton, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Device for fastening the end of a coiled member to a supporting structure. 1,904,863; Apr. 18.
- Griffin, Joseph F., Teaneck, N. J., and A. Williams, assignors to The Superheater Company, New York, N. Y. Exhaust steam injector control system. 1,912,192; May 30.
- Griffin, Joseph F., Teaneck, N. J., assignor to The Superheater Company, New York, N. Y. Feed water heater. 1,913,879; June 13.
- Griffin, Norval B. (See Doty, L. M., and Griffin.)
- Griffin, Roger L., and J. T. O'Neil, Peabody, assignor to A. C. Lawrence Leather Company, Boston, Mass. Strapping machine. 1,919,649; July 25.
- Griffin, Samuel P., Small Heath, Birmingham, and A. I. Johnson, Wyde Green, Birmingham, England. Cinematograph apparatus. 1,929,276; Oct. 3.
- Griffin, William M., assignor to Wayne Company, Fort Wayne, Ind. Fluid dispensing apparatus. Des. 89,588; Apr. 11.
- Griffins, Morris E., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,924,095; Aug. 29.
- Griffith, Charles A., Knoxville, Tenn. Drop bottom car. 1,900,056; Mar. 7.
- Griffith, Chauncey H., assignor to Mergenthaler Linotype Company, New York, N. Y. Typographical composing machine. 1,910,535; May 23.
- Griffith, Clement P., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dome for a liquid dispensing apparatus. Des. 89,696; Apr. 25.
- Griffith, Clifford, and J. G., Entiat, Wash. Fruit dumper. 1,917,709; July 11.
- Griffith, Dewitt W., and O. S. Beattie, assignors of one-tenth to L. J. Demers, San Diego, Calif. Automatic control for carburetor choke valves. 1,913,541; June 13.
- Griffith, Donald G., assignor to Creed and Company, Limited, Croydon, England. Start-stop telegraph system and apparatus therefor. 1,932,932; Oct. 31.
- Griffith, Earl G., Los Angeles, Calif. Conveyor take-off. 1,896,402; Feb. 7.
- Griffith, Earl G., Los Angeles, Calif. Brush wheel structure for fruit washers. 1,915,605; June 27.
- Griffith, Earl G., Los Angeles, Calif. Washer brush and holder. 1,924,432; Aug. 29.
- Griffith, Earl G., Huntington Park, Calif. Box delivery device. 1,903,561; Apr. 11.
- Griffith, Edward S., Oneida County, N. Y. Pricemeter. 1,920,173; Aug. 1.
- Griffith, Enoch L. (See Hall, L. A., and Griffith.)
- Griffith, Francis, Passaic, and E. R. Van Arsdale, Rutherford, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Transfer mechanism for belt conveyors. 1,934,059; Nov. 7.
- Griffith, Fred E. (See Mason, L. R., and Griffith.)
- Griffith-Hope Company. (See Hope, Samuel N., assignor.)
- Griffith-Hope Company. (See Hope, S. N., and Drath, assignors.)
- Griffith, John C. (See Bruckmann, P. C., Hager, and Griffith.)
- Griffith, J. Gilbert. (See Griffith, Clifford and J. G.)
- Griffith Laboratories, Inc. (See Hall, L. A., and Griffith, assignors.)
- Griffith, Lawrence, Yonkers, N. Y. Fountain pen support. 1,922,891; Aug. 15.
- Griffith, Otis T. (See Wilson, James E., assignor.)
- Griffith, Raymond C., assignor to Chrysler Corporation, Detroit, Mich. Transmission and synchronizing device. 1,927,641; Sept. 19.
- Griffith, Roland H., assignor to The Gas Light & Coke Company, London, England. Conversion of hydrocarbons having a high boiling-point into hydrocarbons having a lower boiling-point by destructive hydrogenation. 1,938,328; Dec. 5.
- Griffith, Roland C., Schenectady, N. Y., assignor to General Electric Company. Electric regulating system. 1,926,280; Sept. 12.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Clutch mechanism. 1,905,090; Apr. 25.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Printing telegraph receiving apparatus having case grouping of characters. 1,919,885; July 25.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Telegraph transmitting apparatus. 1,921,407; Aug. 8.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Telegraph system. 1,923,724; Aug. 22.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Start stop telegraph system and apparatus. 1,924,357; Aug. 29.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Telegraph signal transmitting apparatus. 1,928,421; Sept. 26.
- Griffith, Ronald G., assignor to Creed and Company, Limited, Croydon, England. Clutch mechanism suitable for rotatable typeheads. 1,931,865; Oct. 24.
- Griffith, William B., Audubon, N. J., assignor to Star Sprinkler Corporation, Philadelphia, Pa. Actuator for a dry pipe sprinkler system. 1,909,490; May 16.
- Griffith, William B., Audubon, N. J., assignor to Star Sprinkler Corporation, Philadelphia, Pa. Alarm valve for sprinkler systems. 1,913,027; June 6.
- Griffith, William B., Audubon, N. J., assignor to Star Sprinkler Corporation, Philadelphia, Pa. Sprinkler fire extinguishing system. 1,919,507; July 25.
- Griffith, William B., Audubon, N. J., assignor to Star Sprinkler Corporation, Philadelphia, Pa. Automatic fire apparatus. 1,919,508; July 25.
- Griffith, Winfred S., assignor to Graton & Knight Company, Worcester, Mass. Mechanism and cementing double leather belts. 1,917,296; July 11.
- Griffiths, Edward A. (See Schermer, N. H., and Griffiths.)
- Griffiths, Richard T., Akron, Ohio, assignor, by mesne assignments, to Miller Rubber Company Inc., Wilmington, Del. Heat insulating panel member. 1,905,853; Apr. 25.
- Griffiths, Samuel W., Jermyn, Pa. Safety dust guard. 1,931,348; Oct. 17.

- Griffiths, William J., Toronto, Ontario, Canada. Control mechanism for water heating systems. 1,937,565; Dec. 5.
- Griffiths, William U., Philadelphia, Pa. Valve structure for flush tanks. 1,918,597; July 18.
- Grifols y Roig, José, Barcelona, Spain. Blood transfusion apparatus. 1,923,846; Aug. 22.
- Grifols y Roig, José, Barcelona, Spain. Cannula package. 1,924,785; Aug. 29.
- Grigis, Eric, Houston, Tex. Welded tank construction. 1,899,755; Feb. 28.
- Grigsby-Grunow Company. (See Dressel, Henry M., assignor.)
- Grigsby-Grunow Company. (See Gardner, John E., assignor.)
- Grigsby-Grunow Company. (See Grunow, William C., assignor.)
- Grigsby-Grunow Company. (See Haimbaugh, Raymond C., assignor.)
- Grigsby-Grunow Company. (See Kenney, Mahlon W., assignor.)
- Grigsby-Grunow Company. (See Kenney, M. W., and Vickers, assignors.)
- Grigsby-Grunow Company. (See Lewis, Robert O., assignor.)
- Grigsby-Grunow Company. (See Maccabee, David E., assignor.)
- Grigsby-Grunow Company. (See Matson, Leroy A., assignor.)
- Grigsby-Grunow Company. (See Osborne, Fred H., assignor.)
- Grigsby-Grunow Company. (See Osborne, F. H., and Threlkeld, assignors.)
- Grigsby-Grunow Company. (See Paradise, Morrie E., assignor.)
- Grigsby-Grunow Company. (See Parker, William, assignor.)
- Grigsby-Grunow Company. (See Rosenow, M. C., and Jenks, assignors.)
- Grigsby-Grunow Company. (See Taylor, Joseph, assignor.)
- Grigsby-Grunow Company. (See Threlkeld, Howard M., assignor.)
- Grigsby, Owen E., Park Ridge, assignor, by mesne assignments, to Porcelain Tile Corporation, Chicago, Ill. Tiled wall or the like. 1,892,885; Jan. 3.
- Grigsby, Owen E., Park Ridge, assignor, by mesne assignments, to Porcelain Tile Corporation, Chicago, Ill. Tiled construction. 1,916,136; June 27.
- Grigsby, Owen E., Park Ridge, and G. Elithorpe, assignors to Porcelain Tile Corporation, Chicago, Ill. Corner construction. 1,925,320; Sept. 5.
- Grilli, John P. (See Brassert, H. A., Barrett and Grilli.)
- Grilli, John P. (See Wille, F., and Grilli.)
- Grilli, John P., Chicago, Ill. - Checkerwork. 1,908,143; May 9.
- Grilli, John P., and H. L. Wetherbee, assignors to H. A. Brassert & Company, Chicago, Ill. Method and apparatus for charging blast furnaces. 1,927,518; Sept. 19.
- Grimditch, William H., Glenside, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Nonmicrophonic radio apparatus. 1,895,989; Jan. 31.
- Grimes, Herbert V., assignor to W. Taylor, Elizabeth, N. J. Radio station selector. 1,904,219; Apr. 18.
- Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Valve. 1,896,706; Feb. 7.
- Grimm, Carl W., Oak Park, assignor to Henry Pratt Company, Chicago, Ill. Rail clamp. 1,918,905; July 18.
- Grimm, George E., assignor to The Willys Overland Co., Toledo, Ohio. Automobile body. 1,913,306; June 6.
- Grimm, Hans G. (See Lederle, E., and Grimm.)
- Grimm, Hans G., Heidelberg, and E. Lederle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chrome yellow coloring matter. 1,910,010; May 23.
- Grimm, Warren W. (See MacCubbin, A. A., and Zavertnik, jr., assignors.)
- Grimshaw, Arthur E., Kansas City, Mo. Price tag molding. 1,933,974; Nov. 7.
- Grinager, Harris N., G. E. Onley, and R. R. Nassoly, assignors to The Spirella Company Incorporated, Niagara Falls, N. Y. Fitting garment. 1,928,101; Sept. 26.
- Grine, Harry A., White Plains, N. Y. Domestic heater. 1,921,817; Aug. 8.
- Ginnell, Albert A., assignor to Le G. S. Whedon, Medina, N. Y. Reclining chair. 1,896,048; Jan. 31.
- Ginnell, Clarence N., Collingswood, and W. B. Stevenson, Moorestown, N. J., assignors to Radio Corporation of America. Radiocabinet. Des. 89,755; May 2.
- Ginnell, Samuel H., and A. C. Rubel, assignors to Union Oil Company of California, Los Angeles, Calif. Gas lift apparatus. 1,910,762; May 23.
- Grip, Carl A. O., Newtonville, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 1,905,854; Apr. 25.
- Griplock, Inc. (See Stratton, M. H., and Lurecott, assignors.)
- Griscom-Russell Company, The. (See Dewald, Edward A., assignor.)
- Griscom-Russell Company, The. (See Heimberger, O. W., and Price, assignors.)
- Griscom-Russell Company, The. (See Jones, R. C., and Colston, assignors.)
- Griscom-Russell Company, The. (See McCausland, John W., assignor.)
- Griscom-Russell Company, The. (See Price, Joseph, assignor.)
- Griscom-Russell Company, The. (See Price, J., and Brown, assignors.)
- Griscom, Samuel B. (See Evans, R. D., Fortescue, Crichton, MacNeill, Griscom, and Wagner.)
- Griscom, Samuel B., and R. D. Evans, Swissvale, Pa., assignors to Westinghouse Electric & Manufacturing Company. Neutral-impedance device. 1,920,382; Aug. 1.
- Griscom, Samuel B., Pittsburgh, and C. F. Wagner, Swissvale, Pa., assignors to Westinghouse Electric and Manufacturing Company. Regulator system. 1,935,292; Nov. 14.
- Grison, Joseph, New York, N. Y. Air conditioning device. 1,903,452; Apr. 11.
- Griswold, Donald G., Los Angeles, Calif. Liquid displacement gas compressor. 1,903,108; Mar. 28.
- Griswold, Donald G., and S. G. Harwood, Rockford, Ill., assignors, by mesne assignments, to The Permutt Company, Wilmington, Del. Automatic, semiautomatic or time controlled water softener. 1,910,011; May 23.
- Griswold, Robert G., Westfield, N. J., and W. E. Goldsbrough, South Norwalk, Conn., assignors to Doherty Research Company, New York, N. Y. Rotary transmission. 1,925,380; Sept. 5.
- Griswold, Roger W., II, Black Hall, Conn. Aeroplane wing. 1,918,536; July 18.
- Griswold, Stanley M., Haverhill, Mass. Eye protector. 1,930,972; Oct. 17.
- Griswold, Thomas, jr., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for the production of carbon disulphide. 1,918,033; July 11.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,896,024; Jan. 31.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle clutch. 1,896,025; Jan. 31.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,899,324; Feb. 28.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,919; Apr. 18.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission. 1,907,794; May 9.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Fuel pump for internal combustion engines. 1,911,950; May 30.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,913,803; June 13.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,916,309; July 4.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,916,310; July 4.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,925,071; Aug. 29.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,925,072; Aug. 29.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,926,096; Sept. 12.
- Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 1,931,288; Oct. 17.
- Gritt, Frank A., assignor to Gritt Incorporated, Indianapolis, Ind. Simulation of fast-moving objects. 1,905,168; Apr. 25.
- Gritt, Frank A., and F. Stewart, assignors to Gritt, Incorporated, Indianapolis, Ind. Animated imitation hearth fire. 1,901,294; Mar. 14.
- Gritt Incorporated. (See Gritt, Frank A., assignor.)
- Gritt, Incorporated. (See Gritt, F. A., and Stewart, assignors.)
- Gritzbaugh, Edward C. (See Crowells, Edward J., assignor.)
- Grob, Hugo, Berlin, Germany. Voltage regulating apparatus. 1,902,554; Mar. 21.
- Grob, Hugo, Berlin, Germany. Electric regulation. 1,916,975; July 4.
- Grobard, Abraham, assignor to The Ideal Oil Burner Company, Hartford, Conn. Bottle holder. 1,909,269; May 16.
- Grobel, Lloyd P., and B. L. Newkirk, Schenectady, N. Y., assignors to General Electric Company. Shaft bearing. 1,940,301; Dec. 19.
- Gröbl, Josef, Solln near Munich, assignor to the Firma Bayernwerk Aktiengesellschaft, Munich, Germany. Multiple lay cable. 1,919,509; July 25.
- Groble, William C., Anderson, Ind. Package opener and cigar cutter. 1,932,211; Oct. 24.
- Grobstein, John J., and B. M. Crum, assignors to The Stanley Works, New Britain, Conn. Method of and apparatus for removing lubricant from cold rolled strip metal. 1,918,207; July 11.
- Green, Christopher, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Power head. 1,893,282; Jan. 3.

- Greene, William F., assignor to The R. K. Leblond Machine Tool Company, Cincinnati, Ohio. Steady rest for crank shaft lathes. 1,906,577; May 2.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Feed-change mechanism for lathes. 1,918,332; July 18.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe. 1,921,919; Aug. 8.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Machine tool. 1,934,530; Nov. 7.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chucking device. 1,934,975; Nov. 14.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Machine tool. 1,938,696; Dec. 12.
- Greene, William F., and A. W. Aufderhar, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Combined eccentric and concentric turning apparatus. 1,918,331; July 18.
- Greene, William F., and G. W. Luning, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crank shaft lathe. 1,934,976; Nov. 14.
- Greenig, August and J. W. Woodruff, Rupert, Idaho. Machine for harvesting beans and peas. 1,894,740; Jan. 17.
- Greeniger, William C., Columbus, Ohio, assignor to Mueller Co., Decatur, Ill. Flush valve. 1,896,950; Feb. 7.
- Groetchen, Richard. (See Klein, Carl F., assignor.)
- Groethen, Joseph J., Aurora, Ill. Flow meter. 1,917,710; July 11.
- Groff, Emory L. (See Hoffman, Charles T., assignor.)
- Groff, Frazier, Charleston, W. Va., assignor to Carbide & Carbon Chemicals Corporation. Impregnated product and making the same. 1,919,697; July 25.
- Groff, Frazier, Charleston, W. Va., assignor to Carbide and Carbon Chemical Corporation. Record. 1,932,889; Oct. 31.
- Groff, Frazier, Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Molding mixture and molded article. 1,931,958; Oct. 24.
- Groff, Joseph C., New York, N. Y. Fuel injecting pump for Diesel and other like forms of self-ignition engines employing airless or "solid" injection of liquid fuel substances. 1,922,538; Aug. 15.
- Groff, Joseph C., Allentown, Pa. Fuel supplying pump for internal combustion engines of the airless fuel injection type. 1,922,539; Aug. 15.
- Groff, William C., St. Louis, Mo. Safety apparatus for oil burners. 1,928,888; Oct. 3.
- Grogan, Robert S. (See Stoddard, Charles F., assignor.)
- Grozan, Robert S., Chicago, Ill. Laundry tub rim. Des. 90,578; Aug. 29.
- Grogzins, Philip H., Washington, D. C., dedicated to the free use of the public, of and within the United States of America. Preparation of amino derivatives of the anthraquinone series. 1,923,618; Aug. 22.
- Groh, Roman J., Jr. (See McDonnell, W. E., and Groh.)
- Groh, Walter L. (See Bowman, H. T., and Groh.)
- Grohmann, Hans, Hirschfelds, Germany. Safety device for containers for explosives, particularly explosive gases. 1,918,906; July 18.
- Grolée, Jean, Tarascon sur Ariege, France, assignor to Det Norske Aktieselskap for Elektrokemisk Industrie, Oslo, Norway. Electrode suspension means. 1,928,854; Oct. 3.
- Groll, Herbert P. A. (See Williams, E. C., and Groll.)
- Groll, Herbert P. A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Triorgano metal compounds. 1,938,179; Dec. 5.
- Groll, Herbert P. A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of organic metallo compounds. 1,938,180; Dec. 5.
- Grometstein, Israel, Bronx, N. Y. Percolator coffee pot. 1,921,748; Aug. 8.
- Gromoll, Willy, Berlin, Germany. Holder for boot and shoe laces. 1,915,665; June 27.
- Gronbech, Christian E. A., Floral Park, N. Y., assignor to Bright Star Battery Company, Hoboken, N. J. Flash light. 1,907,102; May 2.
- Gronbech, Hans P., Pacific Beach, Calif. Composite window sash and screen. 1,922,286; Aug. 15.
- Gronberg, Victor A., and J. R. Jones, assignors to Art Metal Construction Company, Jamestown, N. Y. Suspension for drawers and analogous devices. 1,910,208; May 23.
- Gronberg, Victor A., and J. R. Jones, assignors to Art Metal Construction Company, Jamestown, N. Y. Compressor lock for filling devices. 1,910,689; May 23.
- Grondahl, Jens K., Red Wing, Minn. Marker for baskets, trays, and the like. 1,932,890; Oct. 31.
- Grondahl, Lars O., Pittsburgh, assignor to the Union Switch & Signal Company, Swissvale, Pa. Railway car retarder. 1,894,513; Jan. 17.
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of train brakes. 1,900,403; Mar. 7.
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of vehicle brakes. 1,900,404; Mar. 7.
- Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Brake control system for railway trains. 1,927,437; Sept. 19.
- Grondahl, Lars O., and A. J. Sorensen, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,900,407; Mar. 7.
- Grondahl, Lars O., and A. J. Sorensen, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,900,411; Mar. 7.
- Gronemeyer, Herbert W., and F. C. Herbst, assignors to Sheffield Steel Corporation, Kansas City, Mo. Apparatus for manufacturing welded wire matings. 1,923,369; Aug. 22.
- Groombridge, Walter H. (See Oxley, H., and Groombridge.)
- Gropper Sport Apparel Co., Inc. (See Spector, Benjamin, assignor.)
- Gros, Henry G., Oakville, assignor to The Waterbury Tool Company, Waterbury, Conn. Control apparatus for variable speed gears. 1,908,144; May 9.
- Grosbost, Alphonse, assignor of one-half to Société d'Etudes & de Constructions Metallurgiques, Paris, France. Flying shears. 1,892,834; Jan. 3.
- Groschup, Joseph, Fort Worth, Tex. Fishing rod. 1,914,500; June 20.
- Grose, Ralph L., Findlay, Ohio. Combination chair, step-ladder, and ironing board device. 1,937,886; Dec. 5.
- Grosclose, Lester H., Randles, Mo. Rotary grainary storage and drier. 1,916,047; June 27.
- Grosclose, William D. (See Deli, F. C., and Grosclose.)
- Grosclose, William D. (See Deli, F. C., Grosclose, and Foth.)
- Gross, Andrew, New York, N. Y. Lens for automobile lamps. Des. 89,304; Feb. 21.
- Gross, Angell C., Philadelphia, Pa. Machine for dyeing yarn, stockings, and raw materials. 1,939,117; Dec. 12.
- Gross, Benjamin, New York, N. Y. Finger ring or similar article. Des. 90,157; June 20.
- Gross, Carl G., Mount Vernon, assignor to Halliwell-Shelton Electric Corporation, New York, N. Y. Multiple hair drier or similar device. Des. 90,880; Oct. 17.
- Gross, Charles, Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Railway motor car. 1,907,646; May 9.
- Gross, Charles M. (See Le Clair, T. G., and Gross.)
- Gross, Dr., Laboratories, Inc., The. (See Eicher, Benjamin L., assignor.)
- Gross, Elmer J., assignor to Chicago Gymnasium Equipment Company, Chicago, Ill. Basket-ball backstop. 1,926,674; Sept. 12.
- Gross, Frederick B. (See Fellers, W. M., and Gross.)
- Gross, Henry R., Chicago, Ill. Spotlight mounting and method. 1,913,075; June 6.
- Gross, Henry R., Chicago, Ill. Spotlight mounting. 1,940,348; Dec. 19.
- Gross, James, Brooklyn, N. Y. Glass bar and making same. 1,899,146; Feb. 28.
- Gross, Karl, Budapest, Hungary. Shoe. Des. 89,756; May 2.
- Gross, Louis C., Chicago, Ill. Table game. 1,930,973; Oct. 17.
- Gross, Nathan A., assignor to W. Gross, Fords, N. J. Drop seat pajama. 1,902,634; Mar. 21.
- Gross, Oswald M., Detroit, Mich. Compound oscillating engine. 1,935,503; Nov. 14.
- Gross, Ralph A., assignor by mesne assignments, to Simplex Paper Box Corporation, Lititz, Pa. Knockdown paper box with cover. 1,940,213; Dec. 19.
- Gross, Ralph A., assignor to Simplex Paper Box Corporation, Lititz, Pa. Paper box. 1,941,084; Dec. 26.
- Gross, William. (See Gross, Nathan A., assignor.)
- Gross, William H. (See Daubmeyer, D. C., and Gross.)
- Gross, William M., assignor of one-half to Will Beckley, Las Vegas, Nev. Loading and dumping truck. 1,905,855; Apr. 25.
- Grosscup, Edward E., receiver. (See Bozarth, William H., assignor.)
- Grösser, Walter. (See Rogowski, W., Grösser, and Peek.)
- Grosser, Walter C. (See Draper, C. H., Lees, and Grosser.)
- Grosser, Walter C., assignor to The Draper Manufacturing Company, Cleveland, Ohio. Container closure seal. 1,915,309; June 27.
- Grosser, Walter C., assignor to The Draper Manufacturing Company, Cleveland, Ohio. Perforable bung ring structure. 1,915,310; June 27.
- Grosshans, George. (See Will, F. J., and Grosshans.)
- Grossi, Frank, Mamaroneck, N. Y. Turf restorator. 1,918,508; July 4.
- Grosskinsky, Otto. (See Schmidt, O., and Grosskinsky.)
- Grosskinsky, Otto. (See Schmidt, O., Treppenbauer, Grosskinsky, and Fischer.)
- Grosskinsky, Otto, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbon black. 1,906,462; May 2.
- Grosskinsky, Otto, Ludwigshafen-on-the-Rhine, and M. Treppenbauer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbon black. 1,894,764; Jan. 17.
- Grossman, Hans, Hongz, near Zurich, assignor to Gebr. Staubli & Co., Horgen, Switzerland. Shedding device for dobles. 1,921,521; Aug. 8.
- Grossman, Jacob J. (See Steinharter, J. J., and Grossman.)
- Grossman, Irving E., New York, N. Y. Shoe. Des. 89,955; May 23.

- Grossman, Irving E., New York, N. Y. Shoe. Des. 89,956; May 23.
- Grossman, Irving E., New York, N. Y. Shoe. Des. 89,957; May 23.
- Grossman, Irving E., New York, N. Y. Shoe. Des. 89,958; May 23.
- Grossman, Irving E., New York, N. Y. Shoe. Des. 89,959; May 23.
- Grossman, Morris, New York, N. Y. Manufacturing metallic coated products. 1,893,939; Jan. 10.
- Grossman, Roy E., Seattle, Wash. Fish lure. 1,906,791; May 2.
- Grossmann, Paul, assignor to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Making useful condensation products of the anthracene series and new anthraquinone derivatives. 1,898,953; Feb. 21.
- Grossmann, Paul, assignor to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Eliminating sulphonic acid groups from dihydroxydiaminoanthraquinonedisulfonic acid. 1,903,862; Apr. 18.
- Grosz, Charles O., Wilkes-Barre, Pa. Carburetor. 1,939,297; Dec. 12.
- Grosz, Karl, Budapest, Hungary, assignor of one-half to Mondschlein & Speier, and Alexander Salamonovics, Vienna, Austria. Shoe. 1,908,602; May 9.
- Grote, Edwin R., Wimbledon, London, England. Electric incandescent lamp and holder thereof. 1,895,033; Jan. 24.
- Grote, Vera C., Chicago, Ill. Container. Des. 91,192; Dec. 19.
- Grote, Wolfgang, and H. Krekeler, Berlin, assignors to the Firm Jenaer Glaswerk Schott & Gen., Jena, Germany. Apparatus for the determination of sulphur and halogens in combustible substances. 1,931,895; Oct. 24.
- Grothe, Arthur A., Oak Park, assignor to W. J. Cameron, Chicago, Ill. Actuating mechanism for an electric safety razor. 1,893,620; Jan. 10.
- Grothe, Arthur A., Oak Park, assignor to W. J. Cameron, Chicago, Ill. Safety razor. 1,917,220; July 11.
- Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Yarn-feeding device for circular knitting machines. 1,927,683; Sept. 19.
- Grothkopp, Walter, Berlin-Lichtenberg, Germany. Grinding measuring device. 1,914,565; June 20.
- Grotches, Carl C., Park Ridge, Ill. Making hub shells and the like. 1,906,578; May 2.
- Grotches, Carl C., Park Ridge, Ill. Metal working machine. 1,920,302; Aug. 1.
- Grotches, Carl C., Park Ridge, Ill. Machine for making wheel rims. 1,920,303; Aug. 1.
- Grotte, Helene, Norwood, N. Dak. Nipple evertor. 1,922,947; Aug. 15.
- Grotz, Harry S., and J. Battalio, assignors of one-third to W. J. Kirk, Wellsburg, W. Va. Traffic light. 1,927,120; Sept. 19.
- Ground, William J., Toronto, Ontario, Canada. Holder for cigars or cigarettes. 1,938,524; Dec. 5.
- Groupe, Andrew V. (See Brenizer, Orson W., assignor.)
- Grove, Carl T., et al. (See Wagner, Paul R., assignor.)
- Grove, Hubert V., et al. (See Adams, Ervin, assignor.)
- Grove, Leo E., Hinsdale, Ill. Tire record device. 1,934,497; Nov. 7.
- Grove, William B., et al. (See Adams, Ervin, assignor.)
- Groven, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Welding transformer. 1,908,749; May 16.
- Grover, Frederick, assignor to The Forgrove Machinery Company, Limited, Leeds, England. Wrapping machine. 1,893,990; Jan. 10.
- Grover, Frederick, assignor to The Forgrove Machinery Company Limited, Leeds, and John Mackintosh & Sons Limited, Halifax, England. Mechanism for wrapping machines. 1,903,670; Apr. 11.
- Grover Loening Aircraft Company, Inc. (See Loening, Grover, assignor.)
- Grover, Ray, Milwaukee, Wis. Packing ring. 1,911,755; May 30.
- Groves, E. E., et al. (See Tatlock, Roberts, assignor.)
- Groves, Earl C., Jetmore, Kans. Wind turbogenerator. 1,936,233; Nov. 21.
- Groves, Floyd W., Syracuse, N. Y. Force feed lubricating system. 1,929,972; Oct. 10.
- Grow, Harold J., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracer. 1,928,015; Sept. 26.
- Grow, John H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Apparatus for treating objects. 1,902,637; Mar. 21.
- Grozov, Ben, Kansas City, Mo. Garment hanger. 1,893,519; Jan. 10.
- Grube, Ernst. (See Reichenbecher, G., and Grube.)
- Gruber, Harry J., New York, N. Y. Chandelier. Des. 90,844-5; Oct. 10.
- Gruber, Harry J., New York, N. Y. Chandelier. Des. 90,881; Oct. 17.
- Gruber, Ludwig, Berlin, Germany. Closure for tubes. 1,911,616; May 30.
- Gruber, Max. (See Wurster, C., and Gruber.)
- Gruber, William R., assignor to "Health" Ray Mfg. Co., Inc., New York, N. Y. Arc lamp. 1,922,036; Aug. 15.
- Gruber, Wolfgang. (See Ascherl, A., and Gruber.)
- Grubman, Leo J., Belle Harbor, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound producing device. 1,898,010; Feb. 21.
- Grubman, Leo J., Belle Harbor, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound producing device. 1,898,773; Feb. 21.
- Grubman, Leo J., Belle Harbor, assignor to Margon Corporation, New York, N. Y. Artificial eye. 1,907,953; May 9.
- Grubman, Leo J., Belle Harbor, and J. H. Wilhelm, Hamilton Beach, assignors to Margon Corporation, New York, N. Y. Tool for mounting an eye set in a flexible doll's head. 1,906,579; May 2.
- Grubs, Frank, Larchmont, N. Y., assignor to La Valle, Inc., New York, N. Y. Shoe. Des. 89,615; Apr. 18.
- Grudnicki, Emilia W., Ashley, Pa. Clear vision attachment for motor vehicles. 1,894,862; Jan. 17.
- Gruenberg, Raoul J., et al. (See Low, John W., assignor.)
- Gruenfeld, Julius J. (See Buettell, S. E., and Gruenfeld.)
- Gruenhagen, William H., St. Paul, Minn. Plug bait with grooves. 1,932,622; Oct. 31.
- Gruetter, John R., Cleveland, Ohio. Bottle handling apparatus. 1,940,647; Dec. 19.
- Gruetter, John R., Cleveland, Ohio, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle rinsing mechanism. 1,904,685; Apr. 18.
- Gruetter, John R., Cleveland, Ohio, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle brushing apparatus. 1,916,568; July 4.
- Gruetter, John R., Cleveland, Ohio, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle cleaning apparatus. 1,939,048; Dec. 12.
- Gruhitz, Oswald M. (See Lyons, E., and Gruhitz.)
- Grulich, Anton, Glen Ridge, N. J. Textile fabric or the like. Des. 89,398; Mar. 7.
- Grulich, Anton, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,966; Jan. 10.
- Grulich, Anton, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,077; Jan. 24.
- Grulich, Anton, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,078; Jan. 24.
- Grulich, Anton, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,406; Aug. 1.
- Gruman, Horace F., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Stitch forming mechanism for sewing machines. 1,903,590; Apr. 11.
- Gruman, Horace F., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Combined seaming and pinking machine. 1,909,346; May 16.
- Gruman, Horace F., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine frame. 1,928,486; Sept. 26.
- Gruman, Horace F., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Feeding mechanism for sewing machines. 1,935,556; Nov. 14.
- Gruman, Lloyd B., Newark, N. J. Stroke adjusting means. 1,907,647; May 9.
- Gruman, Lloyd B., Hillsdale, N. J., assignor to Ames Pump Company, Inc., New York, N. Y. Liquid straining device. 1,899,030; Feb. 28.
- Grumbach, Louis J., et al., executors and trustees. (See Reckford, Louis J.)
- Grumman, Fred C. (See Pierson, E. W., and Grumman.)
- Grumman, Fred C., Norwalk, Conn., assignor to Mergenthaler Linotype Company. Matrix cabinet. 1,902,443; Mar. 21.
- Grund, Fletcher D., deceased, by W. E. Singer, Weston, administrator; said Grund assignor to The American Swiss Company, Toledo, Ohio. Spindle securing means for door latches. 1,897,698; Feb. 14.
- Grund, William H., et al., trustee. (See Connell, Sidney, assignor.)
- Gründler, Edgar. (See Lehman, M., and Gründler.)
- Grundy, James A., and W. M. Payne, assignors to John Bromley & Sons, Incorporated, Philadelphia, Pa. Tube frame. 1,901,444; Mar. 14.
- Grünholz, Hans, Charlottenburg, Germany, assignor to General Electric Company. Electroresponsive device. 1,920,745; Aug. 1.
- Grunkemeyer, Frank P., Morris, Ind. Oscillating a baby carriage. 1,924,493; Aug. 29.
- Grunow, William C., assignor to Grigsby-Grunow Company, Chicago, Ill. Reproducer. 1,898,441; Feb. 21.
- Grunsky, Carl E., San Francisco, Calif. Valve. 1,925,531; Sept. 5.
- Grunwald, Albert C. (See Birr, R. G., and Grunwald.)
- Grunwald, Albert C., assignor to The Automatic Recording Safe Company, Chicago, Ill. Savings bank. 1,903,177; Mar. 28.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Works, Chicago, Ill. Cigarette container and dispenser. 1,910,209; May 23.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Works, Chicago, Ill. Ash receptacle. 1,910,988; May 23.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Ash receptacle. 1,913,754; June 15.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Match book holder for ash receptacles. 1,921,876; Aug. 8.

- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Attachment for the bulbs of vehicle lamps. 1,926,675; Sept. 12.
- Grunwald, Albert C., River Forest, assignor to Precision Metal Workers, Chicago, Ill. Ash receptacle. 1,927,565; Sept. 19.
- Grunwaldt, Frank E., Seattle, Wash. Circulating humidifying heating system. 1,908,417; May 9.
- Gruny, Albert, Hawthorne, N. J. Culinary utensil. 1,926,942; Sept. 12.
- Grupe, William F., Lyndhurst, N. J., assignor to Ebco Machine Corporation, New York, N. Y. Carding mechanism for cigarette making and kindred machines. 1,938,903; Dec. 12.
- Grose, William A., Wilkesburg, Pa., and K. P. McElroy, Ox Road Crossing, Va., assignors to Gulf Refining Company, Pittsburgh, Pa. Making synthetic oil. 1,941,169; Dec. 26.
- Grüss, Heinz, Berlin-Staaken, H. Klinitz and G. Haase, Berlin-Charlottenburg, R. Schultze, Berlin-Friedenau, and H. Miething, Berlin-Hermsdorf, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Optical pyrometer with two filaments heated by the same source of current. 1,908,977; May 16.
- Gruss, Laura E., administratrix. (See Gruss, Raymond L.)
- Gruss, Raymond L., deceased, San Francisco, Calif.; L. E. Gruss, administratrix, assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing device. 1,918,697; July 18.
- Gruss, Raymond L., deceased, by L. E. Gruss, administratrix, San Francisco, Calif., assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing strut for aeroplanes. 1,918,698; July 18.
- Gruss, Raymond L., deceased, by L. E. Gruss, administratrix, San Francisco, Calif., assignor, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorbing strut for aeroplanes. 1,918,699; July 18.
- Grutsch, Carl V., Saginaw, Mich. Fishhook. 1,898,442; Feb. 21.
- Gruver, Frank S., and E. Aschenbach, Sellersville, Pa., assignors to United States Gauge Company, New York, N. Y. Gauge. 1,932,159; Oct. 24.
- Grzyb, Martin, South Manchester, Conn. Multicolor fountain pen. 1,938,835; Dec. 12.
- Guaranteed Parts, Inc. (See Newton, Robert C., assignor.)
- Guardies Inc. (See Marchese, J., and Eames, assignors.)
- Guardian Trust Company, The. (See Bowman, H. T., and Groh, assignors.)
- Guardian Trust Company, The. (See Erbach, Frederick R., assignor.)
- Guardian Trust Company, The. (See Karasinski, Romuald, assignor.)
- Guardian Trust Company, The. (See Peck, Frank G., assignor.)
- Guardian Trust Company, The. (See Snyder, George C., assignor.)
- Guardian Trust Company, The. (See Van Wormer, John R., assignor.)
- Guardian Trust Company, trustee. (See King, Floyd C., assignor.)
- Guardian Trust Company, The, trustee. (See Page, John E., assignor.)
- Guardian Trust Company of Detroit, trustee. (See King, Floyd C., assignor.)
- Guarino, Salvatore. (See Morreale, O., and Guarino.)
- Guarnaschelli, Stephen. (See Picece, Angelo, and Guarnaschelli.)
- Guastavino, R., Company. (See Guastavino, Rafael, assignor.)
- Guastavino, Rafael, Bay Shore, assignor to R. Guastavino Company, New York, N. Y. Acoustical product. 1,917,112; July 4.
- Guba, Raymond J., Haddon Heights, assignor to Audubon Wire Cloth Company, Audubon, N. J. Wire belt and connector therefor. 1,935,631; Nov. 21.
- Gubelmann, Alfred, Villeurbanne, France. Extensible swift for the winding of hanks of silk, cotton, or other yarns of different diameters. 1,920,556; Aug. 1.
- Gubelmann, Ivan. (See Howell, E. T., and Gubelmann.)
- Gubelmann, Ivan, South Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. 7,7'-dichloro flavanthrone and making same. 1,904,367; Apr. 18.
- Gubelmann, Ivan, and R. J. Goodrich, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Vat dyestuff and making the same. 1,897,119; Feb. 14.
- Gubelmann, Ivan, H. J. Weiland, and C. O. Henke, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Treating bath and treating textile fibers. 1,897,120; Feb. 14.
- Gubelmann, Ivan, South Milwaukee, and W. L. Rintelman, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparing anthraquinone sulphonic acids. 1,899,957; Mar. 7.
- Gubelmann, Ivan, H. J. Weiland, and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Organic acid of the diphenyl-methane series and preparing the same. 1,904,366; Apr. 18.
- Gubelmann, Ivan, H. J. Weiland, and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Organic acids of the diphenylmethane series and preparing the same. 1,906,580; May 2.
- Gubelmann, Ivan, H. J. Weiland and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Anthraquinone derivatives and preparing the same. 1,906,581; May 2.
- Gubelmann, Ivan, and J. B. Oesch, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Azo-dyestuffs and preparing the same. 1,910,690; May 23.
- Gubelmann, Ivan, and C. O. Henke, South Milwaukee, Wis., assignors, by mesne assignments, to Newport Industries, Inc. Hydrogenation of abietene. 1,910,691; May 23.
- Gubelmann, Ivan, and J. M. Tinker, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparing beta-amino-anthraquinone. 1,910,692; May 23.
- Gubelmann, Ivan, and J. M. Tinker, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing anthraquinone derivatives. 1,910,693; May 23.
- Gubelmann, Ivan, South Milwaukee, and A. R. Murphy, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Trisazo dyestuffs and preparing the same. 1,913,382; June 13.
- Gubelmann, Ivan, South Milwaukee, and A. R. Murphy, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Azo dyestuff and preparing the same. 1,913,383; June 13.
- Gubelmann, Ivan, South Milwaukee, and A. R. Murphy, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Trisazo dyestuff and preparing the same. 1,913,384; June 13.
- Gubelmann, Ivan, H. J. Weiland, and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Compound of the diphenyl-methane series and preparing the same. 1,916,215; July 4.
- Gubelmann, Ivan, H. J. Weiland, and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. 2-amino-10-anthrone and preparing same. 1,916,216; July 4.
- Gubelmann, Ivan, and C. O. Henke, South Milwaukee, Wis., assignor, by mesne assignments, to Newport Industries, Inc. Preparing hydrocarbons. 1,926,676; Sept. 12.
- Gubelmann, Ivan, and C. O. Henke, South Milwaukee, Wis., assignors, by mesne assignments, to Newport Industries, Inc. Preparation of a hydrocarbon. 1,926,677; Sept. 12.
- Gubelmann, William S., Buffalo, N. Y. Calculating machine. 1,895,848; Jan. 31.
- Gubelmann, William S., Buffalo, N. Y. Calculating machine. 1,900,103; Mar. 7.
- Gubelmann, William S., Buffalo, N. Y. Calculating machine. 1,924,653; Aug. 29.
- Gubing, Frank, Brooklyn, assignor to Elizabeth Arden, Inc., New York, N. Y. Device for repointing lip sticks or the like. 1,894,863; Jan. 17.
- Gubler, Emil. (See Brandt, P., Gubler, and Tschan.)
- Guckes, George C., Lakewood, Ohio. Cushioning feet for sink strainers. 1,899,415; Feb. 28.
- Gudeman, Caroline, Fort Wayne, Ind. Brassière. 1,923,821; Aug. 22.
- Gudge, Benjamin J. (See Ott, E. H., and Gudge.)
- Gudorf, Bernard H. and U. H., Dayton, Ohio. Aircraft. 1,923,973; Aug. 22.
- Gudorf, Urban H. (See Gudorf, Bernard H. and U. H.)
- Guedon, Emile C., Schenectady, N. Y., assignor to General Electric Company. Adapter unit. 1,934,498; Nov. 7.
- Gueser, John B., Chaska, Minn. Poultry appliance. 1,916,790; July 4.
- Guenst, William, Philadelphia, Pa. Sanitary powdering device. 1,926,198; Sept. 12.
- Guenther, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixtures of sulphonated alkylated nondyeing aromatic carbocyclic compounds and their salts. 1,901,507; Mar. 14.
- Guenther, Fritz, Ludwigshafen-on-the-Rhine, Ferdinand Muenz, Frankfurt-on-the-Main-Fechenheim, and H. Haussmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphuric acid derivatives of amides. 1,932,176; Oct. 24.
- Guenther, Fritz, Ludwigshafen-on-the-Rhine, and H. Haussmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonated carboxylic amide. 1,932,177; Oct. 24.
- Guenther, Fritz, H. Holsten, and K. Saftien, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonated carboxylic acid amides and their preparation. 1,932,178; Oct. 24.

- Guenther, Fritz, Ludwigshafen-on-the-Rhine, F. Münz, Frankfort-on-the-Main, and H. Haussmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphuric acid derivatives of carboxylic arylides. 1,932,179; Oct. 24.
- Guenther, Fritz, Ludwigshafen-on-the-Rhine, F. Münz, Frankfort-on-the-Main, and H. Haussmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphuric acid derivatives of amides. 1,932,180; Oct. 24.
- Guenther, George A., Buffalo, assignor, by mesne, assignments, to M. J. Murphy, A. E. Ames, and L. Block, Ellicottville, and Jacob Kleindinst, Orchard Park, N. Y., doing business as Duplex Gas Holding Company. Heating apparatus. 1,940,587; Dec. 19.
- Guenther, Gertrude, Philadelphia, Pa. Abdominal support. 1,939,811; Dec. 19.
- Guenther, Gottfried, San Francisco, Calif. Collapsible tube. 1,907,353; May 2.
- Guenther, Henry L., Los Angeles, Calif. Cap feed for double seaming machines. 1,935,443; Nov. 14.
- Guenther, Rudolph H. (See Neiburger, Samuel, assignor.)
- Guerbolsky, Alexis, Paris, France. Electrooptical register of sounds or any other elastic waves. 1,923,619; Aug. 22.
- Guerini, Annibale A., Bronx, N. Y. Butter spreader. 1,893,889; Jan. 10.
- Guernsey, Charles O., Philadelphia, Pa. Cooling system. 1,930,387; Oct. 10.
- Guernsey, Charles O., Philadelphia, Pa. Spring suspension. 1,935,844; Nov. 21.
- Guerra, Giuseppe, Jesi, Ancona, Italy. Raising and lowering tractor drawn implements. 1,893,410; Jan. 3.
- Guerriero, Anthony, Brooklyn, N. Y. Automobile turn frame. 1,893,822; Jan. 10.
- Guest, Alfred W. F., Brooklyn, N. Y. Fishline reel. 1,919,104; July 18.
- Guest, Alfred W. F., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Matrix for typographical machines. 1,928,723; Oct. 3.
- Guest, Frank W., Bremerton, assignor of fifty per cent to J. L. Thomas, Seattle, Wash. Lock. 1,911,149; May 23.
- Guest, Miriam L., deceased; Ward E. Guest, administrator, assignor to W. Bartlett Jones, trustee, Chicago, Ill. Cheese and manufacture of holes therein. 1,898,992; Feb. 21.
- Guest, Ward E., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Dust collector. 1,913,115; June 6.
- Guest, Ward E., administrator. (See Guest, Miriam L.)
- Guest, William W., Los Angeles, Calif. Shear pin for crushing machines. 1,901,159; Mar. 14.
- Gueth, Charles H., East McKeesport, and C. G. Eastley, Pittsburgh, Pa. Window garden shelf. 1,894,310; Jan. 17.
- Guett, Monroe, assignor to Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch. 1,908,603; May 9.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric wiring device. 1,909,270; May 16.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Snap switch with thermal release. 1,911,893; May 30.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Adjustable support for electric sockets. 1,916,048; June 27.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Key operated switch. 1,929,311; Oct. 3.
- Guett, Monroe, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Securing means for electrical connecting devices. 1,939,298; Dec. 12.
- Guettler, Carl H., Chicago, Ill. Fire alarm. 1,934,531; Nov. 7.
- Guettner, Frank, Jr., Shiner, Tex. Automatic electric starter for internal combustion engines. 1,903,761; Apr. 18.
- Gueux, Joseph J. M., Ivry-sur-Seine, France. Electrical controlling device for liquid distributors. 1,919,105; July 18.
- Gueydan, Arthur, Echandens, near Lausanne, Switzerland. Amusement apparatus. 1,922,802; Aug. 15.
- Guggenheim, Marcus, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Basic ester of fatty-aromatic acids and obtaining the same. 1,932,341; Oct. 24.
- Guggenheim, Marcus, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of di- or trimethoxy-and-ethoxy-benzoic acids and manufacture of same. 1,939,496; Dec. 12.
- Guggenheim, Max M., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Sugar sanding machine. 1,910,536; May 23.
- Guggenheim, Paul, assignor to Philadelphia Metal Drying Form Company, Philadelphia, Pa. Drying form. 1,913,542; June 13.
- Gugler, Eric, New York, N. Y. Bathroom structure or the like. 1,940,588; Dec. 19.
- Guhl, Maclyn, Forest Hills, N. Y. Textile fabric or the like. Des. 91,136; Dec. 5.
- Guhl, Maclyn, Forest Hills, N. Y., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,874; Jan. 3.
- Guhl, Maclyn, Forest Hills, N. Y., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,911; Jan. 3.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,040; Jan. 17.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,041; Jan. 17.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,066; Jan. 17.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,079; Jan. 24.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,080; Jan. 24.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,110; Jan. 24.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,129; Jan. 31.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,151; Jan. 31.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,180; Feb. 7.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,181; Feb. 7.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,182; Feb. 7.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,183; Feb. 7.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,184; Feb. 7.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,374; Feb. 28.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,375; Feb. 28.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,439; Mar. 14.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,440; Mar. 14.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,505; Mar. 21.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,697; Apr. 25.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,757; May 2.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,859; May 9.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,030; May 30.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,070; June 6.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,071; June 6.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,114; June 13.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,136; June 13.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,244; July 4.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,343; Oct. 10.
- Guhl, Maclyn, Forest Hills, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,882; Oct. 17.
- Gühring, Eugen. (See Hagedorn, M. Reichert, and Gühring.)
- Guiberson Corporation, The. (See Bell, Ivan C., assignor.)
- Guiberson Corporation, The. (See Crickmer, Charles S., assignor.)
- Guiberson Corporation, The. (See Pettitt, Frank C., assignor.)
- Guiberson Corporation, The. (See Standlee, Harvey R., assignor.)
- Guiberson Diesel Engine Company. (See Thaheld, Feri A., assignor.)
- Guibert, Francis W. (See Crosby, Walter O., assignor.)
- Guibert, Oscar E., Crafton, and S. R. Bachtel, Pittsburgh, assignors to Guibert Steel Company, Pittsburgh, Pa. Portable machine tool. 1,927,005; Sept. 12.

- Guibert, Oscar E., Crafton, and S. R. Bachtel, assignors to Guibert Steel Company, Pittsburgh, Pa. Portable machine tool. 1,927,006; Sept. 12.
- Guibert Steel Company. (See Guibert, O. E., and Bachtel, assignors.)
- Guice, Duke, Greenville, Ala. Crate. 1,899,864; Feb. 28.
- Guichard, née. (See Basseau, Suzanne.)
- Guida, James, Brooklyn, N. Y., assignor to Brooklyn Wood Corporation. Heel shaping machine. 1,932,818; Oct. 31.
- Guide Lamp Corporation. (See Falge, R. N., and Godley, assignors.)
- Guide Lamp Corporation. (See Koubek, John L., assignor.)
- Guide Lamp Corporation. (See Mead, Howard C., assignor.)
- Guide Lamp Corporation. (See Michel, Clarence A., assignor.)
- Guide Lamp Corporation. (See Michel, C. A., and Schwarze, assignors.)
- Guide Lamp Corporation. (See Turnquist, Edward, assignor.)
- Guidetti, Ferruccio, Elmhurst, and G. Bontempi, assignors to The Watairway Manufacturing Corporation, New York, N. Y. Sanitary water closet attachment. 1,901,160; Mar. 14.
- Guiffre, Gaetano, Washington, D. C. Sandal. 1,894,561; Jan. 17.
- Guignon, Emile S., jr., assignor to Point-O-Purchase Company, Kansas City, Mo. Sign. 1,912,838; June 6.
- Guild, Laurelle V. A., Noroton, Conn., assignor to H. C. White Company, North Bennington, Vt. Chair. Des. 89,758; May 2.
- Guild, Lurelle, Noroton, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Food warmer. Des. 90,947; Oct. 31.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Towel stand. Des. 91,026; Nov. 14.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Towel stand. Des. 91,027; Nov. 14.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Towel stand. Des. 91,028; Nov. 14.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Vanity bench. Des. 91,029; Nov. 14.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Tilt-front hamper. Des. 91,065; Nov. 21.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Hanging shelf. Des. 91,066; Nov. 21.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Wall shelf. Des. 91,067; Nov. 21.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Wall shelf. Des. 91,068; Nov. 21.
- Guild, Lurelle, Noroton, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Serving tray. Des. 91,069; Nov. 21.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Vanity ensemble. Des. 91,111; Nov. 28.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Vanity console. Des. 91,112; Nov. 28.
- Guild, Lurelle, Darien, Conn., assignor to C. F. Church Mfg. Co., Holyoke, Mass. Vanity stand. Des. 91,113; Nov. 28.
- Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,901,236; Mar. 14.
- Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Mechanism for reciprocating grinding wheel spindles. 1,904,044; Apr. 18.
- Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,914,995; June 20.
- Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,933,213; Oct. 31.
- Guild, Waldo J., assignor to The Heald Machine Company, Worcester, Mass. Fluid pressure reversing valve mechanism. 1,935,119; Nov. 14.
- Guilids, Samuel A., et al. (See Smith, Richard F., assignor.)
- Guillaume, Anton A., assignor to Segelke & Kohlhaus Company, La Crosse, Wis. Window frame. 1,930,801; Oct. 17.
- Guillemin, Voctor P., Vienne, France. Automatic gasoline vapor generator. 1,914,089; June 13.
- Guillet, Albert M., Charlotte, N. C. Lining and leveling means for machinery. 1,907,959; May 9.
- Guillet, Albert M., Charlotte, N. C. Interchangeable journal bearing. 1,907,960; May 9.
- Guillet, Albert M., Charlotte, N. C. Joining sections of rolls together. 1,907,961; May 9.
- Guillow, Roscoe M., Wakefield, Mass. Airplane toy. 1,920,746; Aug. 1.
- Guilmette, Renaldo, assignor to Du Paul Central Optical Company, Southbridge, Mass. Eyeglasses. 1,925,960; Sept. 5.
- Guinan, Joseph L., Omaha, Nebr. Grain conditioner. 1,910,793; May 23.
- Guinn, Lester L. (See Taylor, R. B., and Guinn.)
- Guinn, Samuel E., Johnson City, Tenn., assignor to C. A. Bowman, Annapolis Junction, Md. Connector plug. 1,936,014; Nov. 21.
- Guinness, Edward E., Rednal, near Birmingham, assignor of one-eighth to Hubert Humphreys, Birmingham, England. Variable speed device. 1,901,098; Mar. 14.
- Guinness, Kenelm E. L., assignor of one-half to K. L. G. Sparking Plugs Limited, London, England. Sheathing spark plug electrodes. 1,895,034; Jan. 24.
- Guinot, Henri M. (See Ricard, E., and Guinot.)
- Guinot, Henri M. (See Ricard, E., and Guinot, assignors.)
- Guinot, Henri, Melle (Deux-Sevres), France. Apparatus for the production of mesityl oxide. 1,913,158; June 6.
- Guinot, Henri, Melle (Deux-Sevres), France. Production of mesityl oxide. 1,913,159; June 6.
- Guinot, Henri, Melle (Deux-Sevres), assignor to Usines de Melle, Melle, France. Preparation of diacetone alcohol. 1,937,272; Nov. 28.
- Guinzburg, Louis A. (See Silvestri, Vincent, assignor.)
- Guize, Henry G., Trenton, N. J. Knife wiper lever bracket. 1,938,487; Dec. 5.
- Guiss, John D. (See Friedli, J. T., and Guiss.)
- Guiterman, S., and Company. (See Scott, Richard W., assignor.)
- Gulf Production Company. (See Peters, Leo J., assignor.)
- Gulf Refining Company. (See Cooper, Samuel M., assignor.)
- Gulf Refining Company. (See Gruse, W. A., and McElroy, assignors.)
- Gulf Refining Company. (See Livingstone, C. J., and Marley, assignors.)
- Gulf Refining Company. (See Stevens, D. R., and Adams, assignors.)
- Gulf Research & Development Corporation. (See Chenault, Roy L., assignor.)
- Gulf Research & Development Corporation. (See Westcott, Blaine B., assignor.)
- Gulf States Steel Company. (See Delany, Albanus G., assignor.)
- Gulia, Francesco, and A. S. Snell, Okmulgee, Okla. Cashier protector. 1,913,925; June 13.
- Gulick, Edward J., Elkhart, Ind. Float-controlled suction intake device for forced feed lubricating systems. 1,921,670; Aug. 8.
- Gulick, Seeley C., Champaign, Ill. Control switch. 1,925,633; Sept. 5.
- Guliett Gin Company. (See Wallace, Jeffrey J., assignor.)
- Gulley, Robley B., Smackover, Ark. Radiant gas heater. 1,939,549; Dec. 12.
- Gulliksen, Finn H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum-tube voltage regulator. 1,909,054; May 16.
- Gulliksen, Finn H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator compensator. 1,909,104; May 16.
- Gulnier, Georg, and E. Zepler, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume regulation. 1,931,070; Oct. 17.
- Gum, Guy C., Jacksonville, Fla., assignor, by mesne assignments, to G. S. Rockefeller, Greenwich, Conn. Automatic fruit gripping and cutting mechanism. 1,941,347; Dec. 26.
- Gum Inc. (See Bowman, Jacob W., assignor.)
- Gumaer, Pierre L., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Fire extinguishing apparatus. 1,909,532; May 16.
- Gumbel, Heinrich. (See Haupt, A., Gumbel, and Giesecke.)
- Gummi-und Balatwerke Matador Aktiengesellschaft. (See Girs, Franz, assignor.)
- Gump, B. F., Co. (See Allison, Charles F., assignor.)
- Gump, B. F., Company. (See Williams, William M., assignor.)
- Gump, E. T., Co. (See Naeher, Paul, assignor.)
- Gump, William. (See Carswell, T. S., and Gump.)
- Gumpper, Harold D., assignor to M. T. Gumpper, Detroit, Mich. Electric vehicle. 1,924,851; Aug. 29.
- Gumpper, Harold D., assignor to M. T. Gumpper, Detroit, Mich. Control device for engine driven generators. 1,928,152; Sept. 26.
- Gumpper, Marjorie T. (See Gumpper, Harold D., assignor.)
- Gumprich, William, Brooklyn, N. Y., assignor to International Scale Company, Dayton, Ohio. Scale attachment. 1,897,027; Feb. 7.
- Gumprich, William, Brooklyn, N. Y., assignor to Dayton Scale Company, Dayton, Ohio. Positioning means for poise weights. 1,904,446; Apr. 18.
- Gumprich, William, Binghamton, N. Y., assignor to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,909,580; May 16.
- Gumprich, William, Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale bearing member. 1,933,259; Oct. 31.
- Gumprich, William, Dayton, Ohio, and C. H. Good, Hamilton, Ontario, Canada, assignors to Dayton Scale Company, Dayton, Ohio. Meat clamp. 1,896,304; Feb. 7.
- Gumshelmer, Philipp, Elizabeth, N. J. Flushing device. 1,909,464; May 16.

- Gunby, Percy D., assignor to one-half to Adam Shareck, Los Angeles, Calif. Electric cord plug. 1,934,799; Nov. 14.
- Gundlach, Albert E., Chicago, Ill. Combined coaster and ash tray. Des. 90,284; July 11.
- Gundlach, Henry N., New York, N. Y. Carpet, rug, and runner fastener. 1,931,256; Oct. 17.
- Gunderman, Lester S., Pittsburgh, Pa., assignor to Wagner Electric Corporation, St. Louis, Mo. Pedal control attachment for motor vehicles. 1,909,859; May 16.
- Gundersen, Otto C. N., Spokane, Wash. Fire escape. 1,902,230; Mar. 21.
- Gunderson, Lewis O., assignor to Electro-Chemical Engineering Corporation, Chicago, Ill. Foam indicating and foam control apparatus for steam boilers. 1,911,756; May 30.
- Gundlach, Karl, assignor to the firm of Carl Zeiss, Jena, Germany. Indexing glass photomechanically. 1,922,434; Aug. 15.
- Gundlach, Theodore J., Belleville, Ill. Cutting device. 1,906,582; May 2.
- Gundry, Eldon P., Flint, assignor to General Motors Corporation, Detroit, Mich. Fender well tire carrier. 1,929,779; Oct. 10.
- Gun-Fil Corporation. (See Battle, John R., assignor.)
- Gunkel, Paul G. E., assignor to Jos. Stokes Rubber Co., Trenton, N. J. Battery box handle. 1,911,314; May 30.
- Gunkel, Paul O., Welland, Ontario, Canada, assignor to Joseph Stokes Rubber Company, Trenton, N. J. Mold press. 1,916,368; July 4.
- Gunn, D. H., et al. (See Gillis, William H., assignor.)
- Gunn, Earl G., Racine, Wis. Shock absorber. 1,903,453; Apr. 11.
- Gunn, Earl G., Racine, Wis. Shock absorber. 1,935,741; Nov. 21.
- Gunn, Earl G., Racine, assignor to The Nash Motors Company, Kenosha, Wis. Brake. 1,894,036; Jan. 10.
- Gunn, Earl G., assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Vibration damper for crank shafts. 1,925,073; Aug. 29.
- Gunn, H. B. et al. (See Gillis, William H., assignor.)
- Gunn, Ross, Washington, D. C. Thunderstorm or electric field and potential indicator. 1,919,215; July 25.
- Gunn, Ross, Washington, D. C. Radio amplifier for low frequencies. 1,936,597; Nov. 28.
- Gunn, Ross, Washington, D. C. Synchronous alternating current inductor compass. 1,939,690; Dec. 19.
- Gunning, Maximilian F., assignor to Naamlooze Vennootschap Koninklijke Maatschappij "De Schelde" Scheepsbouw-en Werktuigenfabriek, Flushing, Netherlands. Mine storing means in submarines of the single hull type. 1,923,822; Aug. 22.
- Gunning, William A., assignor to American Optical Company, Southbridge, Mass. Ophthalmological apparatus. 1,902,401; Mar. 21.
- Gunnison, Raymond M., Scarsdale, N. Y. Book. 1,899,958; Mar. 7.
- Gunter, James E., and J. Stewart, Anderson, S. C. Oil pan for collar gears. 1,910,103; May 23.
- Gunther, Clarence A., Haddonfield, N. J., assignor to General Electric Company. Superregenerative receiver. 1,917,113; July 4.
- Gunther, Clarence A., Schenectady, and C. A. Brokaw, Scotia, N. Y., assignors to General Electric Company. Remote control system. 1,911,021; May 23.
- Günther, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Wetting agent. 1,901,506; Mar. 14.
- Günther, Fritz, and J. Hetzer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphonic acids of aliphatic and hydro-aromatic carboxylic acids. 1,926,442; Sept. 12.
- Gunther, Henry, Chicago, Ill. Collar holder. 1,896,029; Jan. 31.
- Gunther, Samuel, Carey, Ohio. Bottle opener. 1,894,487; Jan. 17.
- Gunze Seishi Kabushiki Kwaisha. (See Suzuki, Junichi, assignor.)
- Günzel, Arno, Altenburg, Germany. Vehicle wheel. 1,896,138; Feb. 7.
- Günzler, Heinrich, and O. Neubert, Elberfeld, near Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. New colloidal mercurized aromatic hydroxy compounds. 1,903,895; Apr. 18.
- Gura, Joseph. (See Zeichner, J., and Gura.)
- Gurath, John C., and P. Machut, Chicago, Ill. Vending machine. 1,925,186; Sept. 5.
- Gurechot, Charles, San Mateo, Calif. Medicinal preparation. 1,934,977; Nov. 14.
- Gurley, John W., Miamisburg, assignor to The Dayton Air Compressor Company, Dayton, Ohio. Automatic unloading check valves. 1,902,231; Mar. 21.
- Gurley, W. & L. E. (See Ege, Willard L., assignor.)
- Gurley, W. & L. E. (See Ege, W. L., Day, and Smart, assignors.)
- Gurnee, Isaac Q., Butler, N. J. Hard rubber article and making the same. 1,911,566; May 30.
- Gurney Elevator Company, Inc. (See Callaway, Clarence R., assignor.)
- Gurney, Erving R., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Bus body without chassis. 1,892,666; Jan. 3.
- Gurney, Erving R., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Front axle and dust cover construction. 1,908,750; May 16.
- Gurney, Erving R., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Spring suspension. 1,908,751; May 16.
- Gurrell, Robert E., New York, N. Y. Flame extinguisher. 1,918,808; July 18.
- Gürtler, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Supply circuit. 1,913,543; June 13.
- Gurton, William S., J. Plint and H. Nyberg, assignors to Dominion Truck Equipment Co. Limited, Kitchener, Ontario, Canada. Tandem mounting for truck and trailer axles. 1,926,334; Sept. 12.
- Gurwick, Irving, New York, N. Y., assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Wrapper and making the same. 1,935,708; Nov. 21.
- Gusdorf, Harold M., Indianapolis, Ind. Cut-off for dispensing devices. 1,917,366; July 11.
- Gusmer, A., Inc. (See Rosenbluth, Emilio, assignor.)
- Gusmer, A., Inc. (See Waite, William J., assignor.)
- Guss, John H., Sheridan, Wyo. Metal door. 1,936,300; Nov. 21.
- Gussack, Nathan A., Flushing, assignor to Grant Elevator Equipment Corporation, New York, N. Y. Gate supporting mechanism. 1,914,775; June 20.
- Gustafson, Alfred N., assignor to Schramm, Incorporated, West Chester, Pa. Control for internal combustion engines. 1,929,887; Oct. 10.
- Gustafson, Andrew F., Clarinda, Iowa. Stock watering apparatus. 1,900,604; Mar. 7.
- Gustafson, Carl L. (See Ostling, G. A., and Gustafson.)
- Gustafson, Clifford E. (See Fischer, H. G. M., and Gustafson.)
- Gustafson, Edwin P., Forestville, assignor of one-fourth to Jan P. Clary, Hartford, Conn. Bathing cap. 1,898,954; Feb. 21.
- Gustafson, Folke J. and H. C., Chicago, Ill. Christmas tree support. 1,898,300; Feb. 21.
- Gustafson, Gunnar D., Chicago, Ill. Watch timer. 1,918,965; July 18.
- Gustafson, Holger C. (See Gustafson, Folke J. and H. C.)
- Gustafsson, Emil G. T., Stockholm, Sweden. Producing metals and metal alloys low in carbon. 1,901,367; Mar. 14.
- Gustafsson, Emil G. T., Stockholm, Sweden. Melting metals in electric furnaces. 1,902,638; Mar. 21.
- Gustafsson, Eric. (See Long, R., and Gustafsson.)
- Gustafsson, Ernst V., Stockholm, and G. H. Hellgren, Karlberg, Vallentuna, Sweden. Calculating machine. 1,930,475; Oct. 17.
- Gustavson, Erik E., Moline, Ill. Garage-door mechanism. 1,926,380; Sept. 12.
- Gustin Bacon Manufacturing Company. (See Anderson, Harley E., assignor.)
- Gustin-Bacon Manufacturing Co. (See McClure, Benjamin C., assignor.)
- Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Method of sealing-in. 1,915,361; June 27.
- Gustine, Arthur N., assignor to King-Seely Corporation, Ann Arbor, Mich. Liquid depth indicator. 1,924,495; Aug. 29.
- Gutherlet, Charles J. (See Cox, G. D., and Gutherlet.)
- Gutherlet, Charles J., Philadelphia, Pa. Telephone ticket distribution system. 1,901,508; Mar. 14.
- Gutehoffnungshütte Aktiengesellschaft. (See Nashan, Paul, assignor.)
- Gutehoffnungshütte Oberhausen Aktiengesellschaft. (See Schlotmann, Josef, assignor.)
- Gutekunst, Duane D. (See Eggleston, C. F., and Gutekunst.)
- Gutgeld, Leon, Bronx, N. Y., assignor to Process Holdings, Inc., Cleveland, Ohio. Cheese cake process. 1,928,664; Oct. 3.
- Gutgesell, William F., assignor to The Tabulating Machine Company, Endicott, N. Y. Record controlled machine. 1,921,408; Aug. 8.
- Gutgesell, William F., Endicott, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled machine. 1,939,049; Dec. 12.
- Guth, Edwin F., Webster Groves, Mo. Lighting unit for reflected illumination. 1,900,551; Mar. 7.
- Guth, Edwin F., Webster Groves, Mo. Lighting fixture. 1,900,552; Mar. 7.
- Guth, Edwin F., Webster Groves, Mo. Lighting fixture. 1,939,260; Dec. 12.
- Guth, Edwin F., Company, The. (See Guth, Oscar D., assignor.)
- Guth, Edwin F., Company, The. (See Owen, Raymond V., assignor.)
- Guth, Oscar D., assignor to The Edwin F. Guth Company, St. Louis, Mo. Flexible stem for lighting fixtures. 1,934,624; Nov. 7.
- Guth, Rudolph, Cleveland, Ohio. Mixing device. 1,928,128; Sept. 26.
- Guth, Rudolph, Cleveland, Ohio. Mixing device. 1,934,304; Nov. 7.
- Guth, William T., Brooklyn, N. Y. Tire carrier. 1,929,636; Oct. 10.

- Guthke, Friedrich W., Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Desulphurization of crude aromatic hydrocarbons. 1,897,798; Feb. 14.
- Guthke, Friedrich W., Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Removal of sulphur compounds from crude hydrocarbons. 1,932,369; Oct. 24.
- Guthle, Friedrich W., Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of aldehydes. 1,939,005; Dec. 12.
- Guthrie, James, Elyria, Ohio. Apparatus for cleaning conduits and stringing cables therethrough. 1,933,624; Nov. 7.
- Guthrie, James M., et al. (See Barnhart, G. E., and Pfaff, assignors.)
- Guthrie, James M. (See Jaspert, G. H., and Guthrie.)
- Guthrie, James M., Pittsburgh, Pa., assignor of twenty-five per cent to H. W. Kachel, Youngstown, Ohio. Chifonier. 1,908,418; May 9.
- Guthrie, Robert G., and O. J. Wilbor, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Apparatus for determining the moisture content of gases. 1,894,172; Jan. 10.
- Guthrie, Robert G., and O. J. Wozasek, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Electrode for electron discharge tubes and forming the same. 1,897,933; Feb. 14.
- Guthrie, Robert G., and O. J. Wilbor, assignors to W. J. Mohr, Chicago, Ill. Treatment of vermiculite and the like. 1,898,774; Feb. 21.
- Guthrie, Robert G., and O. J. Wilbor, assignors to W. J. Mohr, Chicago, Ill. Treatment of liquor resulting from recovery of lamisilite from vermiculite ore. 1,898,830; Feb. 21.
- Gutierrez, Angel G., Tarrytown, N. Y. Self-propelled vehicle. 1,915,886; June 27.
- Gutman, Sylvester A., Flint, Mich. Pumping apparatus. 1,896,358; Feb. 7.
- Gutman, Sylvester A., Flint, Mich. Pumping means. 1,938,329; Dec. 5.
- Gutmann, Eugene J., Chicago, Ill. Flexible shoe horn. 1,913,709; June 13.
- Gutmann, Ferdinand & Co. (See Cohn, Benno, assignor.)
- Gutmann, Ferdinand & Co. (See Gutmann, Jesse, assignor.)
- Gutmann, Hermann. (See Weil, V., and Gutmann.)
- Gutmann, Jesse, Babylon, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container closure. 1,916,976; July 4.
- Gutmann, Jesse, Babylon, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Bottle closure. 1,916,977; July 4.
- Gutmann, John, Jr., St. Albans, assignor, by mesne assignments, to Motor Jack Corp., New York, N. Y. Jacking apparatus. 1,893,890; Jan. 10.
- Gutmann, Paul F. (See Aurién, G., and Gutmann.)
- Gutmann, Theodore. (See Cass, Max L., assignor.)
- Gutsche, Marie M., St. Paul, Minn. Laundry fingers. Des. 90,137; June 13.
- Gutteridge, Leonard. (See Robertson, J. H., and Gutteridge.)
- Guttin, Harry, Portland, Me. Convertible chair and chaise-lounge. 1,911,116; May 23.
- Gutzzeit, Chas. W. (See Kenn, William H., assignor.)
- Guy, Frederick M., assignor to Guy-Murton Incorporated, Detroit, Mich. Universal joint. 1,906,057; Apr. 25.
- Guy, Frederick M., assignor to Guy and Murton Incorporated, Detroit, Mich. Motor support and frame connection. 1,917,644; July 11.
- Guy, Harry L., assignor of one-half to H. J. Luce, Chicago, Ill. Roofing. 1,919,148; July 18.
- Guy, Henry L., Hale, England, assignor to General Electric Company. Elastic fluid turbine. 1,922,017; Aug. 8.
- Guy Motors Limited. (See Stevens, William A., assignor.)
- Guy-Murton Incorporated. (See Guy, Frederick M., assignor.)
- Guy, Sydney S., Wolverhampton, and W. A. Stevens, Maidstone, England. Electrically driven vehicle. 1,899,683; Feb. 28.
- Guyer, Paul B. (See Francis, C. B., and Guyer.)
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Egg tray. 1,899,268; Feb. 28.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Egg carton. 1,913,441; June 13.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Dispensing and display box. 1,928,889; Oct. 3.
- Guyler, Albert F. (See Welch, S. A., Guyler, Ashby, and Boaler.)
- Guyn, George L. H. (See Guyn, Henry E., assignor.)
- Guyn, Henry E., assignor of one-half to G. L. H. Guyn, Philadelphia, Pa. Flag. Des. 88,912; Jan. 3.
- Guyot, Marius, Cleveland, assignor to Aluminum Company of America, Pittsburgh, Pa. Multiple mold. 1,926,870; Sept. 12.
- Guyot, Robert R. J. (See Supligeau, C. L. H., and Guyot.)
- Guziel, Alexander, and A. Korff, Hollywood, Calif. Spark plug. 1,941,170; Dec. 26.
- Gwaltney, Eugene C., Laurel Hill, N. C. Yarn dyeing apparatus. 1,940,748; Dec. 26.
- Gwaltney, Eugene C., Laurel Hill, N. C. Yarn dyeing and twisting apparatus. 1,940,749; Dec. 26.
- Gwillim, John, Petworth, England. Device for cleaning the rolls of roller mills. 1,906,792; May 2.
- Gwinn, George W., Hewlett, N. Y., assignor to American Machine & Foundry Company. Traversing concave mechanism for cigarette machines. 1,916,137; June 27.
- Gylstrom, Olaf, Milwaukee, Wis. Pump for steam heating systems. 1,932,037; Oct. 24.
- Gynn, George S., Cleveland, Ohio. Flooring construction. 1,898,364; Feb. 21.
- Gypsum Lime and Alabastine, Canada, Limited. (See Thomson, George M., assignor.)
- Gyr, Joseph, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuff and making same. 1,916,107; June 27.
- Gyro Process Company. (See Harnsberger, A. E., and Smith, assignors.)
- Gyro Process Company. (See Wagner, C. R., and Stahl, assignors.)
- Gyro Process Company. (See Weaver, Joseph B., assignor.)
- Gyrorector G. m. b. H., the Firm. (See Stöhr, Erich, assignor.)
- Gysling, Manuel H., North Tonawanda, N. Y., assignor of one-half to S. E. Dockstader, Chicago, Ill. Expansion joint. 1,914,741; June 20.
- Gysling, Manuel H., assignor to American District Steam Company, North Tonawanda, N. Y. Conduit. 1,931,465; Oct. 17.
- Gzupkaytie, Matt, Baltimore, Md. Vehicle spring and shock absorber. 1,904,220; Apr. 18.
- H & B American Machine Company. (See Martin, Edward L., assignor.)
- H. B. Products Co. (See Sweany, James W., assignor.)
- H & E Standard Auto Parts et al. (See Patterson, Richard B., assignor.)
- H. & H. Tube & Mfg. Co. (See Higgins, Clifford B., assignor.)
- H. L. G. Company. (See Humphrey, Herbert S., assignor.)
- H. O. G. Holding Corp. (See Harris, Leonard B., assignor.)
- H. T. H. Corporation, The. (See Turner, Carl D., assignor.)
- H & W Kite Co. (See Hahn, John, assignor.)
- Haabestad, Erling H., Springfield, assignor to Hydrol Chemical Company, Inc., Philadelphia, Pa. Composition of matter with process for treating artificial grass. 1,897,900; Feb. 14.
- Haag, Albert R., Peoria, Ill. Washing machine. 1,913,755; June 13.
- Haag, Ivan M., assignor of one-half to P. E. Blanchard, Chicago, Ill. Illuminated display devices. 1,935,557; Nov. 14.
- Haag, John F., Weatherford, Okla. Cow pea harvester. 1,893,860; Jan. 10.
- Haag, Leonhard, Frankfurt-on-the-Main, Germany. Electric switch. 1,900,929; Mar. 14.
- Haag, Walter J., Oakwood, Ohio, assignor to The Brownell Company. Change speed mechanism. 1,911,022; May 23.
- Haage, Frederick G., assignor to Powers and Mayer Inc., New York, N. Y. Jewelry clasp. 1,931,437; Oct. 17.
- Haagen, Charles W., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa. Coaster wagon. 1,921,818; Aug. 8.
- Haan, Joseph, New York, N. Y. Candy package. Des. 90,245; July 4.
- Haanen, Karl A., Cologne-Mulheim, and H. Menrer, Cologne, assignors to Felton & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. High tension cable. 1,920,903; Aug. 1.
- Haas, Charles. (See Williams, Charles L., assignor.)
- Haas, Clarence C. (See Kriegbaum, G. M., Brooks, and Haas.)
- Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)
- Haas, Earle C., Denver, Colo. Catamenial device. 1,926,900; Sept. 12.
- Haas, Frank, Philadelphia, Pa. Preventing clinker. 1,894,682; Jan. 17.
- Haas, Fred S., and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 1,905,224; Apr. 25.
- Haas, Frederick S. (See Einstein, S., and Haas.)
- Haas, Frederick S. (See Geier, F. V., and Haas.)
- Haas, Frederick S., Cincinnati, Ohio, assignor, by mesne assignments, to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,904,045; Apr. 18.
- Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,762; Dec. 12.
- Haas, Frederick S., assignor to The Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 1,938,763; Dec. 12.
- Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,765; Dec. 12.
- Haas, Frederick S., and H. Fritsch, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,764; Dec. 12.
- Haas, Harold, Arlington, N. J., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine controlling apparatus. 1,939,606; Dec. 12.

- Haas, Harold, Arlington, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,940,349; Dec. 19.
- Haas, Herman, Lennep, Germany. Drying apparatus. 1,025,900; Sept. 5.
- Haas, Ira G., Far Rockaway, N. Y. Display device. 1,927,028; Sept. 19.
- Haas, Jacob S., Buffalo, N. Y. Wax plate stamping machine. 1,926,586; Sept. 12.
- Haas, James Howard, Huntington Park, assignor of one-twentieth to J. B. Farrington, Los Angeles, Calif. Front wheel drive. 1,912,839; June 6.
- Haas, Lucien L. (See MacKenzie, R. J., and Haas.)
- Haas, Lucien L., Buffalo, and G. C. Starkweather, Kenmore, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 1,924,605; Aug. 29.
- Haas, Max L., Cleveland Heights, Ohio, assignor to Bud Radio Inc. Removable partition for gang switch boxes. 1,929,844; Oct. 10.
- Haas, William F., Rockaway, N. Y. Clasp. Des. 89,278; Feb. 14.
- Haas, William F., Rockaway, Long Island, N. Y. Button. Des. 90,440; Aug. 8.
- Haas, William F., Rockaway, Long Island, N. Y. Clasp. Des. 90,528; Aug. 22.
- Haas, William F., Rockaway, Long Island, N. Y. Button. Des. 90,654; Sept. 12.
- Haas, William F., Rockaway, Long Island, N. Y. Button. Des. 90,655; Sept. 12.
- Haas, William F., Rockaway, Long Island, N. Y. Clasp. Des. 90,656; Sept. 12.
- Haas, William F., Rockaway, Long Island, assignor to B. Blumenthal & Co. Inc., New York, N. Y. Button. Des. 90,487; Aug. 15.
- Haase, Gustav. (See Gruss, H., Klimitz, Haase, Schultze, and Miething.)
- Haase, Jorgen I. (See State, W. C., and Haase.)
- Haase, Leo G., Long Beach, and F. M. Brooks, assignors to Art Concrete Works, Inc., Pasadena, Calif. Curb valve box. 1,905,856; Apr. 25.
- Haase, Richard, assignor to Brunsvig-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft, Brunswick, Germany. Carrying mechanism for calculating machines and the like. 1,900,808; Mar. 7.
- Habegger, Hans, assignor to H. E. Habegger, Wiedlisbach, Switzerland. Impregnation for preserving wood by treatment of living standing trees. 1,927,776; Sept. 19.
- Habegger, Hans E. (See Habegger, Hans, assignor.)
- Habel, Julius. (See Wiegand, K., and Habel.)
- Haben, Warner M., assignor to General Motors Radio Corporation, Dayton, Ohio. Electrical apparatus. 1,913,544; June 13.
- Habenicht, Frederick K. (See Campbell, S. H., and Habenicht.)
- Habenicht, Frederick K., et al. (See Campbell, S. H., Habenicht, and Pietzsch.)
- Haber, Hermann, Elbblick, Aussig-on-the-Elbe, and P. Kubelka, Aussig-on-the-Elbe, Czechoslovakia, assignors, by mesne assignments, to Krebs Pigment and Color Corporation, Newark, N. J. Production of titanium dioxide from titanium tetrachloride. 1,931,380; Oct. 17.
- Haber, Hermann, Elbblick, Aussig-on-the-Elbe, and P. Kubelka, Aussig-on-the-Elbe, Czechoslovakia, assignors to Krebs Pigment and Color Corporation, Newark, N. J. Production of titanium dioxide from titanium tetrachloride. 1,931,381; Oct. 17.
- Haberstump, Alfred, Grand Rapids, Mich. Auto doorlatch. 1,908,343; May 9.
- Haberstump, Alfred, Detroit, Mich. Combined door lock and retainer. 1,908,344; May 9.
- Habig, John F., Cumberland, Md. Grass edger. 1,931,349; Oct. 17.
- Habirshaw Cable & Wire Corporation. (See Del Mar, William A., assignor.)
- Hachfeld, Otto, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electromagnet. 1,899,502; Feb. 28.
- Hackenberg, John H. (See Morgenstern, R. V., and Hackenberg.)
- Hacker, Emanuel M., New York, assignor of one-half to D. Usdan, Lawrence, N. Y. Cellophane and fancy paper products and the like. 1,921,819; Aug. 8.
- Hacker, Larkin A., Vernon, Tex. Stalk cutter. 1,916,613; July 4.
- Hacker Manufacturing Co. (See Christopherson, Alfred C., assignor.)
- Hacker Manufacturing Co. (See Trotter, Henry R., assignor.)
- Hacker, Marcus L., Beaumont, Tex. Trip latch for pipe tongs. 1,925,532; Sept. 5.
- Hacker, Marcus L., Beaumont, Tex. Diaphragm pump. 1,927,587; Sept. 19.
- Hacket, Ralph P., Allentown, Pa. Attachment for sewing machines. 1,903,671; Apr. 11.
- Hackethal, Paul F. (See Jackson, W. M. S., and Hackethal.)
- Hackett, George V., Independence, Mo., assignor to Standard Oil Company (Indiana), Chicago, Ill. Floating roof for tanks. 1,921,877; Aug. 8.
- Hackett, Harold N., Ballston Lake, N. Y., assignor to General Electric Company. Flange coupling. 1,894,094; Jan. 10.
- Hackett, Henry, Selly Oak, Birmingham, and A. Whittaker, Northfield, Birmingham, England. Machine guard. 1,929,687; Oct. 10.
- Hacklander, Hans, Tinley Park, and F. F. Zeier, assignors to Union Special Machine Company, Chicago, Ill. Fabric guide for sewing machines. 1,917,711; July 11.
- Hackney, Perry H., Charleston, W. Va. Battery cable terminal tongs. 1,923,199; Aug. 22.
- Hacks, Karl, and W. S. Sprow, Alliquippa, Pa. Refractory. 1,934,263; Nov. 7.
- Hadano, Rinziro, Honolulu, Hawaii. Switch for direction indicators. 1,902,700; Mar. 21.
- Hadaway, John B., Swampscott, Mass. Focusing device for cameras. 1,906,059; Apr. 25.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for assembling heel-lifts and rands. 1,920,256; Aug. 1.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shank piece and making shoes. 1,920,383; Aug. 1.
- Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe shaping machine. 1,929,550; Oct. 10.
- Hadden, William J., assignor to Donaldson Manufacturing Company Limited, Glasgow, Scotland. Golf club. 1,916,791; July 4.
- Hadden, William J., assignor to Donaldson Manufacturing Company Limited, Glasgow, Scotland. Golf club head. 1,916,792; July 4.
- Haddlesay, Charles S., Elmhurst, Ill. Control monoail car apparatus. 1,917,836; July 11.
- Haddlesay, Charles S., Elmhurst, Ill. Switch operating means. 1,917,837; July 11.
- Haddock, Norman F. (See Perkin, A. G., Shepherdson, and Haddock.)
- Haddon, Virgil M., Valley, Nebr. Gravel and sand washer. 1,914,420; June 20.
- Haden, Cecil R., assignor to The Haden Lime Company, Houston, Tex. Making lime from oyster shells. 1,896,403; Feb. 7.
- Haden Lime Company, The. (See Haden, Cecil R., assignor.)
- Hader, Edward J., National City, Calif. Gas heater. 1,935,845; Nov. 21.
- Hadfield, Joseph M., Chicago, Ill. Safety device for motor driven tools. 1,910,217; May 23.
- Hadjopoulos, Lazarus G., New York, N. Y., assignor to Monsanto Chemical Company, St. Louis, Mo. Treatment of intestinal tract. 1,939,166; Dec. 12.
- Hadley, Charles S., and R. W. Fischer, assignors of one-fourth to R. W. Fischer, one-eighth to P. R. Fullinwider and one-eighth to E. E. Hill, Los Angeles, Calif. Gear shifting device. 1,906,262; May 2.
- Hadley Company, The. (See Peterson, Erick B., assignor.)
- Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Coffee maker. Des. 90,884; Oct. 17.
- Hadley, George F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulating material. 1,915,311; June 27.
- Hadley, Harlan A., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Recording scale. 1,892,726; Jan. 3.
- Hadley, Harlan A., St. Johnsbury, Vt., assignor to E. and T. Fairbanks and Company. Coin-controlled weighing machine. 1,903,110; Mar. 28.
- Hadley, Newton F., Beverly Hills, assignor to Chrysler Corporation, Detroit, Mich. Hydraulic shock absorber. 1,918,034; July 11.
- Hadley, Samuel H., New York, N. Y. Electrical switch. 1,914,715; June 20.
- Hadley, Walter E., Gary, Ind. Scraper device for drum type filtering machines. 1,927,979; Sept. 26.
- Hadley, Willis D., St. Louis, Mo. Structural glass for covering walls and ceilings. 1,920,503; Aug. 1.
- Hadly, James Torrence, Berwyn, Pa. Nested base for lamps, etc. 1,919,838; July 25.
- Haegg, Rudolph A., assignor to Burd High Compression Ring Company, Rockford, Ill. Piston ring snagging machine. 1,902,164; Mar. 21.
- haehn, Hugo. (See Glaubitz, M., and Haehn.)
- Haehnel, Wolfram. (See Eibner, A., Herrmann, Haehnel, and Miller.)
- Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
- Haendel, Walter, Berlin, Germany. Machine for impressing patterns on materials. 1,916,947; July 4.
- Haenichen, Wilhelm, Berlin, Germany. Cartridge for guns and ordnances. 1,920,075; July 25.
- haering, David W., Chicago, Ill. Composition for removing boiler scale and the like and preparing same. 1,936,714; Nov. 28.
- Haertel, Hans R., Wrentham, Mass. Nonshrinkable textile material and making the same. 1,928,354; Sept. 26.
- Haertel, Hans R., Wrentham, Mass. Nonshrinkable textile material. 1,928,355; Sept. 26.
- Haertel, Hans R., Wrentham, Mass. Rubberized material. 1,928,356; Sept. 26.
- Haertel, Walter G., Minneapolis, Minn. Cleaner for furs and the like and cleaning. 1,902,232; Mar. 21.
- Haeuber, Hans. (See Winkler, F., and Haeuber.)
- Haeuber, Hans. (See Winkler, F., Haeuber, and Feiler.)

- Haeuber, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of shaped articles from masses containing silicon. 1,916,836; July 4.
- Haeuber, Hans, and E. Linckh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetylene. 1,894,765; Jan. 17.
- Haeussler, Alfred F. W., San Juan, Puerto Rico. Apparatus for signaling. 1,905,934; Apr. 25.
- Hafecost, Frederick, assignor to Goat Radio Tube Parts, Inc., Brooklyn, N. Y. Vacuum tube electrode. 1,933,109; Oct. 31.
- Hafer, John J., sr., Stratford, Conn., and M. Hafer, sr., College Point, N. Y. Fastening device. 1,905,587; Apr. 25.
- Hafer, Mathias, sr. (See Hafer, John J. and M.)
- Haff, Charles P., Ambler, Pa., assignor to Ambler Asbestos Shingle & Sheathing Company. Coloring material apparatus. 1,930,749; Oct. 17.
- Haff, Raymond E. T., White Plains, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Tube. 1,937,516; Dec. 5.
- Haffke, Philip M., New Haven, Conn., assignor, by mesne assignments, to Radio Research Laboratories, Inc. Electron discharge device. 1,936,758; Nov. 28.
- Hafley, Adam H., Ashley, Ill. Fruit press. 1,911,687; May 30.
- Hafner, Raoul. (See Nagler, B., and Hafner.)
- Haga, Elizabeth A., Berwyn, Ill., assignor to Earnshaw Knitting Company, Newton, Mass. Restraining device. 1,923,001; Aug. 15.
- Haga, George. (See Bates, Henry W., assignor.)
- Hagan, Charles, Westport, New Zealand. Reciprocating engine. 1,925,754; Sept. 5.
- Hagan, George J., Pittsburgh, Pa. Rotary furnace. 1,919,650; July 25.
- Hagan, George J., Company. (See Knopf, Julius R., assignor.)
- Hagan, George J., Company. (See Talley, Randal E., assignor.)
- Hage, Louis, San Jose, Calif. Operating adding machines and the like. 1,903,337; Apr. 4.
- Hagebusch, Robert, Brooklyn, N. Y. Bottle closure with means for removing the paper seals. 1,895,759; Jan. 31.
- Hagedorn, Henry C., Lynbrook, N. Y. Adjustable window shade support. 1,895,793; Jan. 31.
- Hagedorn, Max. (See Gensel, H., and Hagedorn.)
- Hagedorn, Max, Dessau in Anhalt, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Protective layer on photographic film. 1,904,221; Apr. 18.
- Hagedorn, Max, Dessau in Anhalt, O. Reichert, Dessau-Ziebigk in Anhalt, and E. Guhring, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Electric insulating material. 1,896,581; Feb. 7.
- Hagedorn, Max, O. Reichert, and G. Guhring, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Making mixed cellulose esters and cellulose ether esters. 1,902,280; Mar. 21.
- Hagedorn, Max, and G. Hingst, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Soluble cellulose esters of the higher fatty acids. 1,931,844; Oct. 24.
- Hagedorn, Max, and G. Hingst, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Soluble cellulose esters of higher fatty acids. 1,940,589; Dec. 19.
- Hager, Albert, Newark, assignor to Consolidated Safety Pin Company, Bloomfield, N. J. Safety pin holder. 1,917,838; July 11.
- Hager, Albert, Newark, assignor to Consolidated Safety Pin Company, Bloomfield, N. J. Holder for cosmetics. 1,919,785; July 25.
- Hager, Robert W., assignor of one-half to A. W. Nolde, New Orleans, La. Device for supporting window shades. 1,927,950; Sept. 26.
- Hageline, Emil E., assignor to H. D. Lathrop, Chicago, Ill. Conveying mechanism. 1,918,537; July 18.
- Hageman, Aaron M., Bloomfield, and A. F. Lindstrom, Nutley, N. J., assignors to Westinghouse Lamp Company. Method and apparatus for coating the interior wall of hollow bodies. 1,900,104; Mar. 7.
- Hageman, Gilbert H., assignor to Delco-Products Corporation, Dayton, Ohio. Tapping machine. 1,909,055; May 16.
- Hagemann, Louis F., Niagara Falls, N. Y., assignor to American Sales Book Company, Limited, Toronto, Canada. Strip registering and tensioning device. 1,896,078; Feb. 7.
- Hagemeier, Heinrich. (See Kinna, Franziska, née Rutgers.)
- Hagen, Carl, Park Ridge, Ill., assignor to International Patents Development Company, Wilmington, Del. Continuous conversion of starch. 1,927,312; Sept. 19.
- Hagen, Carl, Park Ridge, and W. J. Rowe, Chicago, Ill., assignors to International Patents Development Company, Wilmington, Del. Apparatus for drying starch. 1,927,313; Sept. 19.
- Hagen, Carl, Chicago, Ill., assignor to International Patents Development Company, Wilmington, Del. Continuous conversion of starch. 1,928,891; Oct. 3.
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna system. 1,898,661; Feb. 21.
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signal receiving means. 1,910,537; May 23.
- Hagen, Gerhard B., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Regeneratively coupled oscillator or wave-generator. 1,914,120; June 13.
- Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 1,935,120; Nov. 14.
- Hagen, John M. (See Harkins, Tony E., assignor.)
- Hagen, Karl R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Valve for corrosive fluids. 1,923,306; Aug. 22.
- Hagenest, Hermann, Wiesdorf-on-the-Rhine, and F. W. Stauf, Cologne-Deutz, Germany, assignors, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Cupric cyanic compound and process for its manufacture. 1,892,728; Jan. 3.
- Hager, Floyd D. (See Rhodes, E. O., and Hager.)
- Hager, Harold, Toledo, Ohio, assignor to The Toledo Steel Products Company. Replacement valve seat for internal combustion engines. 1,929,780; Oct. 10.
- Hager, Harold H., assignor to The Toledo Steel Products Company, Toledo, Ohio. Apparatus for forging valves. 1,935,742; Nov. 21.
- Hager, Henry F., Trenton, and C. F. McCoy, Pennington, assignors to Trenton Spring Products Company, Trenton, N. J. Spring construction. 1,913,353; June 6.
- Hager, Karl. (See Limpach, O., Hager, Schmelzer, and Ballauf.)
- Hager Manufacturing Co., et al. (See Wunderlich, William E., assignor.)
- Hager, William R. (See Bruckmann, P. C., Hager, and Griffith.)
- Hagerstrom, Edward R., Waterloo, Iowa. Article holster. 1,895,074; Jan. 24.
- Haggard, John M., Chicago, Ill. Window display shelf. 1,933,374; Oct. 31.
- Haggard & Marcusson Company. (See Vanderploeg, Henry, assignor.)
- Haggart, John C., jr., Alma, Mich., assignor to Ray-Signs Corporation. Reflecting device. 1,914,421; June 20.
- Haggstrom, Arthur C., Rockford, Ill. Radiocabinet. Des. 90,657; Sept. 12.
- Haggstrom, Arthur C., Rockford, Ill., assignor to E. H. Scott. Radiocabinet. Des. 89,441; Mar. 14.
- Hagist, Emil T., Glenside, Pa. Solderless wire connector or clamp. 1,939,813; Dec. 19.
- Hagle, George W. (See Hampden, W. R., and Hagle.)
- Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Process at the sulphite cellulose digestion, of removing turpentine and other volatile matters present in the chips. 1,922,160; Aug. 15.
- Haglund, Gustaf, assignor to Patentaktiebolaget Gröndal-Ramen, Stockholm, Sweden. Sulphite cellulose digestion. 1,940,136; Dec. 19.
- Haglund, Hakon H., Flushing, assignor to The Western Union Telegraph Company, New York, N. Y. Multiplex telegraph system. 1,901,296; Mar. 14.
- Haglund, Hakon H., Flushing, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph system adapted for ocean cable telegraphy. 1,913,307; June 6.
- Haglund, Hakon H., Flushing, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph repeater for uniform impulse code. 1,914,328; June 13.
- Haglund, Hakon H., Flushing, assignor to The Western Union Telegraph Company, New York, N. Y. Cable signal repeater. 1,929,947; Oct. 10.
- Hagman, Harry C., Minneapolis, Minn. Wax eliminator. 1,914,718; June 20.
- Hagopian, Albert D., Modesto, Calif. Fruit handling equipment. 1,897,901; Feb. 14.
- Haquist, Gustaf E. (See Rundell, R. E., and Haquist.)
- Hague, Albert V., jr., Crookes, Sheffield, England. Machine for grinding or polishing cutlery. 1,933,055; Oct. 31.
- Hague, Alfred E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call charging telephone system. 1,917,884; July 11.
- Hague, Alfred E., West Orange, N. J., and J. R. Draper, Brooklyn, assignors to Bell Telephone Laboratories Incorporated, New York, N. Y. Telephone system. 1,941,085; Dec. 26.
- Hague, Floyd T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oiling system for bearings. 1,917,969; July 11.
- Hague, Morton, Chicago, Ill. Shrine. 1,895,659; Jan. 31.
- Hahle, Herbert. (See Schladebach, H., and Hahle.)
- Hahn, Arnold E. (See Clark, R. C., and Hahn.)
- Hahn, Carl, Berlin-Siemensstadt, and C. T. Buff, Spandau, near Berlin, Germany, assignors, by mesne assignments, to International Precipitation Company, Los Angeles, Calif. Electrical gas purification. 1,909,825; May 16.
- Hahn, Conrad, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Apparatus for the continuous recovery of zinc from oxidized zinc ores. 1,903,419; May 9.
- Hahn, Conrad, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Zinc furnace. 1,908,632; May 9.

- Hahn, Edgar, et al. (See Jaworowski, Joseph E., assignor.)
- Hahn, Eugene, Philadelphia, Pa. Ash discharging device. 1,892,946; Jan. 3.
- Hahn, Eugene, Philadelphia, Pa. Tank construction. 1,933,012; Oct. 31.
- Hahn, Frederick C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin-like ester. 1,909,195; May 16.
- Hahn, Frederick C., Wilmington, and R. E. Fothergill, Elsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of wood pulp. 1,926,002; Sept. 5.
- Hahn, Henry, Cedarhurst, N. Y. Aeroplane. 1,897,756; Feb. 14.
- Hahn, Johann, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Shearing apparatus. 1,910,387; May 23.
- Hahn, John, assignor to H & W Kite Co., Decatur, Ill. Kite. 1,904,727; Apr. 18.
- Hahn, John, assignor to H & W Kite Co., Decatur, Ill. Kite. 1,904,728; Apr. 18.
- Hahn, Lewis F., New York, N. Y. Shielded spark plug. 1,929,202; Oct. 3.
- Hahn, Lewis F., New York, N. Y. Shielded spark plug. 1,929,203; Oct. 3.
- Hahn, Oskar, Markranstadt, near Leipzig, Germany, assignor, by mesne assignments, to Heyman Rosenberg, New York, N. Y. Exhaustion device. 1,896,951; Feb. 7.
- Hahn, Otto W., San Francisco, Calif. Fluid flow control device. 1,933,852; Nov. 7.
- Hahn, Theodore J. (See Connelly, D. S., and Hahn.)
- Hahnemann, Walter. (See Gerth, F., Hahnemann, and Schepmann.)
- Hahnemann, Walter, Berlin-Marienefelde, assignor to C. Lorenz, Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for indicating the position of vessels. 1,898,831; Feb. 21.
- Hahnemann, Walter, Berlin-Marienefelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna for short and ultra-short waves. 1,920,156; July 25.
- Hähne, Hermann, Giengen-on-the-Brenz, Wurttemberg, Germany. Device for feeding steam boilers generating steam of high pressure. 1,933,853; Nov. 7.
- Hähne, Walter, Berlin-Siemensstadt, assignor to Telefunken-Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Vibration transmission system. 1,936,939; Nov. 28.
- Hähne, Walter, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Amplifier circuits. 1,940,414; Dec. 19.
- Haigh, Ezekiah, Scotia, N. Y., assignor to General Electric Company. Manufacturing nozzle diaphragms and the like. 1,938,382; Dec. 5.
- Haight, Harry V., Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Dual unloading system. 1,911,951; May 30.
- Haight, John T., Rockford, Ill. Drumstick for bass drums. 1,892,886; Jan. 3.
- Haight, John T., Rockford, Ill. Music holder. 1,897,799; Feb. 14.
- Haigs, Carleton D., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio apparatus. 1,899,684; Feb. 28.
- Haigs, Carleton D., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound radiator. 1,919,632; July 25.
- Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Train control system. 1,910,794; May 23.
- Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Continuous train control system. 1,914,329; June 13.
- Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Train control system. 1,914,330; June 13.
- Hailes, William D., and W. H. Hoppe, assignors to General Railway Signal Company, Rochester, N. Y. Relay. 1,929,094; Oct. 3.
- Hailey, William H., Atlanta, Ga. Receptacle for urine. 1,928,175; Sept. 26.
- Hails, Daniel T., Coral Gables, Fla. Multiple coin vending machine. 1,922,915; Aug. 15.
- Hailwood, Anthony J., Altrincham, and R. P. McGlynn, Crumpsall, England, assignors to Imperial Chemical Industries Limited. Sulphonated oil compound. 1,926,769; Sept. 12.
- Haimbaugh, Raymond C., assignor to Grigsby-Grunow Company, Chicago, Ill. Refrigeration apparatus. 1,900,644; Mar. 7.
- Haimbaugh, Raymond C., Chicago, Ill., assignor, by mesne assignments, to Grigsby-Grunow Company. Valve. 1,913,116; June 6.
- Haimbaugh, Raymond C., and A. F. Hoessel, assignors to Peerless Ice Machine Company, Chicago, Ill. Flooded type refrigeration unit. 1,903,591; Apr. 11.
- Hain, Leon, Brooklyn, N. Y. Valve actuating mechanism. 1,928,856; Oct. 3.
- Hain, Max. (See Harrington, Earl E., assignor.)
- Haines, George D., Park Ridge, assignor, by mesne assignments, to Porcelain Tile Corporation, Chicago, Ill. Tiled wall or the like. 1,906,583; May 2.
- Haines, Harry H., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Display in aircraft. 1,923,725; Aug. 22.
- Haines, Homer B., assignor to The Ohio Power Shovel Company, Lima, Ohio. Tractor truck for power shovels. 1,936,938; Nov. 28.
- Haines, John R., Vincennes, assignor to Arrow Safety Device Company, Inc., Mount Holly, N. J. Rear motor vehicle signal. 1,894,173; Jan. 10.
- Haines, Stacey A., assignor of one-half to H. F. Spencer, Kansas City, Mo. Fluid delivery for cooking and brewing utensils. 1,898,832; Feb. 21.
- Haines, Walter T., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber lining for acid containers. 1,919,366; July 25.
- Hainsworth, William R., Larchmont, and E. H. Ryden, assignors to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating apparatus. 1,910,538; May 23.
- Hair, Aldon L., Taft, Calif. Swab. 1,938,383; Dec. 5.
- Hairlock Company Inc., The. (See Weber, A. E., and Howard, assignors.)
- Hait, James M., Los Angeles, Calif. Positioning impellers in bowls of drilled well rotary pumps. 1,909,533; May 16.
- Hait, James M., Bell, Calif., assignor to Food Machinery Corporation. Discharge fitting for rotary pumps with water-cooled lubricant reservoir embodied therein. 1,932,517; Oct. 31.
- Hajny, Vaclav J., Brookfield, Ill. Casket bier. Des. 89,067; Jan. 17.
- Hake, William C., St. Louis, Mo. Attachment for sewing machines. 1,914,948; June 20.
- Hakes, Carlton J., Spencer, Iowa. Tool for cleaning tubes. 1,899,269; Feb. 28.
- Hakky, Mustafa I., Glendale, R. I. Lubricant display device. Des. 89,960; May 23.
- Halach, Stephen F. (See Nagy, Louis, assignor.)
- Halapleus, James G., Toledo, Ohio. Cigarette holder. 1,936,431; Nov. 21.
- Halász, Paul, Budapest, Hungary. Electrical heating device. 1,931,607; Oct. 24.
- Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Apparatus for drawing glass. 1,909,948; May 23.
- Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Glass drawing tank. 1,920,692; Aug. 1.
- Halbach, Howard L., and D. R. Limbers, Clarksburg, W. Va., assignors to Pittsburgh Plate Glass Company. Apparatus for automatically supplying batch to glass tanks. 1,928,016; Sept. 26.
- Halbach, Paul, Remscheid, assignor to the Firm Bergische Stahl-Industrie, Dusseldorf-Oberkassel, Germany. Mechanical brake for railway motor cars. 1,900,282; Mar. 7.
- Halbach, Robert Mc., Jersey City, N. J. Culture bottle. 1,904,222; Apr. 18.
- Halbertsma, Nicholaas A. (See Bouwers, A., and Halbertsma.)
- Halbig, Paul, Munich, assignor to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, Munich, Germany. Preparing alkali metal aliphatic monohydroxy alcohols. 1,910,331; May 23.
- Halbig, Paul, and F. Kaufner, Munich, assignors to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, Munich, Germany. Alkoxyaldehyde and production of same. 1,902,070; Mar. 21.
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Tool Company. Equalizing head for broaching machines. 1,910,388; May 23.
- Halborg, Carl J., assignor to Colonial Tool Company, Detroit, Mich. 1,935,774; Nov. 21.
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine for gears. 1,935,775; Nov. 21.
- Halborg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Broaching device. 1,937,887; Dec. 5.
- Halborg, Carl J., and A. L. Nilsson, Detroit, Mich., assignors to Colonial Broach Company. Dressing fixture. 1,907,065; May 2.
- Hale, Alfred T. C., and E. Keeling, assignors of one-third to A. G. Parker & Company, Limited, Birmingham, England. Back sight for small arms. 1,917,645; July 11.
- Hale, Cecil C. (See Morgan, William J., assignor.)
- Hale, Dale D., et al. (See Smith, Marcellus E., assignor.)
- Hale, Frank B., San Francisco, Calif. Electrode for gaseous discharge tubes. 1,915,186; June 20.
- Hale, Frank C., and W. H. Kimpton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for cutting filaments into staple fibers. 1,895,246; Jan. 24.
- Hale, George C., Dover, N. J. Propellant powder. 1,899,147; Feb. 28.
- Hale, Joe D., Brattleboro, Vt., assignor to Rite-Rite Mfg. Co., Chicago, Ill. Pencil. Des. 89,339; Feb. 28.
- Hale & Kilburn Co. (See Hansen, Conrad T., assignor.)
- Hale, Leonard V., et al. (See Helms, Charles F., assignor.)
- Hale Pneumatic, Ltd. (See Hale, William B., assignor.)
- Hale, Ray M., et al. (See Smith, Marcellus E., assignor.)

- Hale, Reuben B., San Francisco, Calif. Lighting fixture. Des. 89,305; Feb. 21.
- Hale, Reuben B., San Francisco, Calif. Lighting fixture. 1,900,380; Mar. 7.
- Hale, Stephen H., Kansas City, assignor, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Cutter mechanism for corn harvesters. 1,901,099; Mar. 14.
- Hale, William B., Huntington Park, Calif., assignor to Hale Pneumatic, Ltd., Lovelock, Nev. Air compressing apparatus. 1,896,404; Feb. 7.
- Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Winding machine. 1,898,987; Feb. 21.
- Hale, William J., Midland, Mich. Protecting granules of hygroscopic sugars and article produced thereby. 1,902,773; Mar. 21.
- Hale, William J., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of phenyl phenols. 1,922,695; Aug. 15.
- Hale, William J., assignor to The Dow Chemical Company, Midland, Mich. Making primary amino compounds. 1,932,518; Oct. 31.
- Hale, William J., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of aliphatic alcohols. 1,938,453; Dec. 5.
- Hale, William J., and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Production of phenyl phenols. 1,907,246; May 2.
- Hale, William J., and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Making phenols. 1,925,321; Sept. 5.
- Haley, Kate, Rockwood Company. (See Sanborn, Charles H., assignor.)
- Haley, Charles E., Canton, Ohio. Candle holder. 1,918,098; July 11.
- Haley, John W., West Hartford, assignor of one-fourth to J. P. Clary, Hartford, Conn. Connecting and blending cigarettes. 1,931,131; Oct. 17.
- Haley, Kenneth W. (See Smith, W. M., and Haley.)
- Haley, Walter S., Lincoln, N. H., assignor to William A. Hardy & Sons Co., Fitchburg, Mass. Valve construction. 1,929,973; Oct. 10.
- Halford, Dean, et al. (See Bennett, Dennis H., assignor.)
- Halford, James E., Sacramento, Calif. Valve oiling and gas diluting device. 1,897,388; Feb. 14.
- Halford, Marion E., Greensboro, N. C. Automatic sprinkler system-alarm valve. 1,933,214; Oct. 31.
- Halfvarson, Gustaf A., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brake. 1,902,640; Mar. 21.
- Halfvarson, Gustaf A., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company. Limit switch. 1,930,047; Oct. 10.
- Halizite Corporation. (See Hawerlander, Adolf, assignor.)
- Halkyard, Charles C., Melbourne, and C. Cosgrove, Maltoria, Australia. Manufacturing concrete pipe reinforcements and the like. 1,928,534; Sept. 26.
- Hall, Albert, Wynnewood, Pa. Brake lock. 1,929,169; Oct. 3.
- Hall, Albert, Ardmore, assignor to Safety Nut Corporation, Philadelphia, Pa. Brake lock. 1,909,400; May 16.
- Hall, Allen E., assignor of fifty-one per cent to E. F. Heard, Newport News, Va. Signaling device. 1,939,050; Dec. 12.
- Hall, Alvin L., et al. (See Edwards, James E., assignor.)
- Hall, Annie, and L. Diamond, Harpurhey, Manchester, England. Combination surgical instrument. Des. 90,579; Aug. 29.
- Hall, Archibald J., Timbersbrook, England, assignor to Celanese Corporation of America. Treatment of cellulose acetate materials. 1,939,261; Dec. 12.
- Hall, Arthur, Oak Park, assignor to Yaxley Manufacturing Company, Chicago, Ill. Electric switch. 1,900,236; Mar. 7.
- Hall, Arthur, Oak Park, assignor to Yaxley Manufacturing Company, Chicago, Ill. Electric switch. 1,929,492; Oct. 10.
- Hall, Arthur E., Omaha, Nebr. Metal refining process. 1,938,101; Dec. 5.
- Hall, Benjamin F. (See Hall, Benjamin J. and B. F.)
- Hall, Benjamin F., London, England. Machine for developing photographic prints. 1,916,108; June 27.
- Hall, Benjamin J. and B. F., London, England. Apparatus for separating sheets of paper or other material while traveling in the same direction. 1,916,109; June 27.
- Hall, Bicknell. (See Birdseye, C., and Hall.)
- Hall, Bicknell, Gloucester, Mass. Hanging door. 1,903,379; Apr. 4.
- Hall, Bicknell, Gloucester, Mass., assignor to Frosted Foods Company, Inc., Dover, Del. Refrigerating machine. 1,928,755; Oct. 3.
- Hall-Brown, Archibald, Surrey, England, assignor to Bendix Aviation Corporation, Chicago, Ill. Supercharging of internal combustion engines. 1,930,198; Oct. 10.
- Hall, Carlos, Jr., Mexico City, Mexico. Attachment for rising stem valves for distant operation of same. 1,927,366; Sept. 19.
- Hall, Carlos, Jr., Mexico City, Mexico. Attachment for controlling at a large distance valves of the nonrising stem type. 1,929,867; Oct. 10.
- Hall, Carter F., Baltimore, Md. Cooling system for passenger vehicles. 1,928,375; Sept. 26.
- Hall, Cecil S., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Lid for pressure-resisting vessels in which fluids are stored or generated under pressure. 1,932,135; Oct. 24.
- Hall, Charles C., assignor to Durametallic Corporation, Kalamazoo, Mich. Making packing rings. 1,907,537; May 9.
- Hall, Charles C., assignor to Durametallic Corporation, Kalamazoo, Mich. Packing. 1,909,534; May 16.
- Hall, Charles G., assignor to Automatic Food Machinery Corporation, Boise, Idaho. Combination tray heating and refrigerating cabinet. 1,901,509; Mar. 14.
- Hall, Charles H., Freeport, N. Y. Molded container closure. Des. 90,246; July 4.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Pad for motor vehicle fender wells. 1,894,608; Jan. 17.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener attached clip member. 1,896,864; Feb. 7.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Detachable clip member. 1,896,865; Feb. 7.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut for nut and screw fastened installations. 1,919,940; July 25.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener setting device. 1,919,941; July 25.
- Hall, Charles P. (See Olin, Robert R., assignor.)
- Hall, Charles W., assignor to M. S. Losey, Denver, Colo. Rotary valve for internal combustion engines. 1,924,188; Aug. 29.
- Hall, Chester I., Fort Wayne, Ind., assignor to General Electric Company. Circuit controller. 1,893,365; Jan. 3.
- Hall, Chester I., Philadelphia, Pa., assignor to General Electric Company. Relay control device. 1,894,095; Jan. 10.
- Hall, Chester I., Philadelphia, Pa., assignor to General Electric Company. Continuous heat regulator. 1,902,327; Mar. 21.
- Hall, Chester I., Philadelphia, Pa., assignor to General Electric Company. Control device. 1,902,498; Mar. 21.
- Hall, Chester I., Philadelphia, Pa., assignor to General Electric Company. Protective system. 1,927,795; Sept. 19.
- Hall, Chester I., Philadelphia, Pa., assignor, by mesne assignments, to General Electric Company. Heating system. 1,931,145; Oct. 17.
- Hall, Chester I., Philadelphia, Pa., assignor, by mesne assignments, to General Electric Company. Temperature control device. 1,934,499; Nov. 7.
- Hall, Clarence B., Boston, assignor to L. F. Muther, Newton, Mass. Cinematographic apparatus. 1,914,854; June 20.
- Hall, Clarence M., Chicago, Ill. Gas fuel economizer for burners. 1,930,614; Oct. 17.
- Hall, Donald A., San Diego, Calif. Aircraft. 1,895,458; Jan. 31.
- Hall, Edgar A., Jr., Muskegon, Mich. Protective wrapping sheet. 1,915,416; June 27.
- Hall, Edward B., Jr., assignor to O-Cedar Corp'n., Chicago, Ill. Mop. 1,896,843; Feb. 7.
- Hall, Edward H., assignor to Reckitt and Sons Limited, Hull, England. Continuously feeding drying machine. 1,930,837; Oct. 17.
- Hall, Edwin L., assignor to The United Gas Improvement Company, Philadelphia, Pa. Carburetted water gas method. 1,922,018; Aug. 8.
- Hall, Edwin L., assignor to The United Gas Improvement Company, Philadelphia, Pa. Manufacture of carburetted water gas. 1,939,393; Dec. 12.
- Hall, Elbert J. (See Winslow, C. A., and Hall.)
- Hall, Elbert J., Detroit, Mich., assignor to American Car and Foundry Motors Company, New York, N. Y. Internal combustion engine. 1,929,637; Oct. 10.
- Hall, Elisha W., Marshfield Hills, Mass. Buffing wheel. 1,916,759; July 4.
- Hall, Eric E. (See Eichelman, W. H., and Hall.)
- Hall, Eric E., Chicago, Ill. Form for concrete columns. 1,936,666; Nov. 28.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Valve seat grinder. 1,906,263; May 2.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Cylinder working tool. 1,909,347; May 16.
- Hall, Ernest A., assignor to The Columbia Burner Company, Toledo, Ohio. Adjustable gas burner. 1,915,823; June 27.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Cylinder reamer. 1,918,642; July 18.
- Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Suction nozzle for valve-seat grinders. 1,938,330; Dec. 5.
- Hall, Ernest A., and W. E. Heuer, assignors to The Hall Manufacturing Company, Toledo, Ohio. Cylinder working tool. 1,922,202; Aug. 15.
- Hall, Fletcher, Yerington, Nev. Wrapping machine. 1,914,254; June 13.
- Hall, Frank A., & Sons. (See McIntosh, Burnett, assignor.)

- Hall, Frank W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Fractionating apparatus. 1,935,709; Nov. 21.
- Hall, Frank W., and J. H. Grahame, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Process of and apparatus for treating hydrocarbon oils. 1,930,974; Oct. 17.
- Hall, Frank W., and C. E. Lauer, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 1,936,086; Nov. 21.
- Hall, Frank W., and G. C. Fairbairn, assignors of one-third to H. A. Smith, Port Arthur, Tex. Closure operator. 1,937,955; Dec. 5.
- Hall, George W., and H. E. Nickerson, Bridgeport, Conn. Lock. 1,929,741; Oct. 10.
- Hall, Guy H. (See Fleming, Robert G., assignor.)
- Hall, Harry O., Murray, Utah. Portable saw table. 1,930,168; Oct. 10.
- Hall, Henry F., Long Beach, Calif. Signal. 1,913,483; June 13.
- Hall, Horace V., Atlanta, Ga. Wheel puller. 1,925,634; Sept. 5.
- Hall, Horace W., Newton, Mass. Tennis racket and manufacturing. 1,898,485; Feb. 21.
- Hall, Horace W., Newton, Mass. Boat. 1,917,367; July 11.
- Hall, Horace W., Newton, Mass. Racket bow. 1,921,616; Aug. 8.
- Hall, Horace W., Newton, Mass. Racket bow caul. 1,935,358; Nov. 14.
- Hall, Horace W., Newton, Mass. Drilling apparatus. 1,937,147; Nov. 28.
- Hall, Hugh M., Eaton Rapids, assignor of one-half to Charles L. Sprinkle, Lansing, Mich. Air humidifier and washer. 1,894,864; Jan. 17.
- Hall, J. C., Co., The. (See Woodward, Lewis E., assignor.)
- Hall, Jake C., Billings, Mont. Bottle sterilizer. 1,896,305; Feb. 7.
- Hall, Jay H., Cleveland Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Apparatus for controlling electric motors. 1,933,523; Oct. 31.
- Hall, John H., and J. S. Comerford, assignors to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Air toughened alloy steel. 1,907,385; May 2.
- Hall, John W., Fresno, assignor to Western Pipe and Steel Company of California, San Francisco, Calif. Culvert coupling. 1,931,694; Oct. 24.
- Hall, Joseph M., Hamilton, Ontario, Canada, assignor to Universal Draft Gear Attachment Co. Shock absorber. 1,897,730; Feb. 14.
- Hall, Joseph M., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Spring plate. 1,913,076; June 6.
- Hall, Lloyd A., and E. L. Griffith, assignors to Griffith Laboratories, Inc., Chicago, Ill. Protective coating. 1,914,351; June 13.
- Hall, Louis M., Fort Thomas, Ky., assignor of one-half to The Monarch Tool & Manufacturing Company, Cincinnati, Ohio, and one-half to W. A. Tratsch, Chicago, Ill. Coin-controlled device. 1,908,752; May 16.
- Hall, Louis M., Fort Thomas, Ky., and H. McCreary, Youngstown, assignors to The Monarch Tool & Manufacturing Company, Cincinnati, Ohio. Coin-controlled device. 1,897,193; Feb. 14.
- Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
- Hall Manufacturing Company, The. (See Hall, E. A., and Heuer, assignors.)
- Hall Manufacturing Company, The. (See Heuer, William E., assignor.)
- Hall & McChesney. (See Cooper, James, assignor.)
- Hall & McChesney, Inc. (See Cooper, James, assignor.)
- Hall, Nelson W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Reflector socket. 1,902,026; Mar. 21.
- Hall, Nevin H., York, Pa. Grid wire for bottle crates. 1,896,306; Feb. 7.
- Hall, Peter P.-G., Philadelphia, Pa. Machine for milling threads. 1,899,865; Feb. 28.
- Hall, Ralph E., and H. A. Jackson, Mount Lebanon, assignors to J. M. Hopwood, Dormont, Pa. Water treatment. 1,903,041; Mar. 28.
- Hall, Randolph F., Rochester, N. Y. Airplane. 1,916,475; July 4.
- Hall, Raymond A., Fort Valley, Ga. Gasket cutter. 1,924,717; Aug. 29.
- Hall, René, assignor to Wolfie Knitting Mills, Inc., New York, N. Y. Lady's ensemble dress. Des. 90,833; Oct. 17.
- Hall, Richard E., Olean, assignor to Arvey Manufacturing Co., Olean, N. Y. Making integral felted fibrous structures. 1,907,795; May 9.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Expansion joint. 1,926,003; Sept. 5.
- Hall, Robert A., assignor of one-half to R. O. Reimers, Minneapolis, Minn. Wood preserving and finishing preparation and process. 1,907,796; May 9.
- Hall, Robert E., Portland, Oreg. Cabinet latch. 1,931,695; Oct. 24.
- Hall, Roy M., Valparaiso, Ind. Monthly-yearly calendar pad. 1,895,321; Jan. 24.
- Hall, Roy M., Valparaiso Ind. Universal desk calendar. 1,895,322; Jan. 24.
- Hall, Sellers M., assignor of one-fifth to R. F. Smith, Pittsburgh, Pa. Demountable wheel. 1,910,795; May 23.
- Hall, Theodore P., Rochester, N. Y. Airplane. 1,906,005; Apr. 25.
- Hall, W. F., et al. (See Pippin, John W., assignor.)
- Hall, Waldo W., et al. (See Edwards, James E., assignor.)
- Hall, Walter F. (See Lowrey, G. A., and Hall.)
- Hall, Walter H., assignor to Goodspeed Machine Company, Winchendon, Mass. Lubricating device for anti-friction spindle bearing. 1,924,189; Aug. 29.
- Hall, Wesley F., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Automatic conveyor for chemical and electro-chemical operations. 1,896,079; Feb. 7.
- Hall, William F. (See Warner, Harry C., assignor.)
- Hall, William J., et al. (See Hall, William J., assignor.)
- Hall, William J., Toronto, Ontario, Canada. Humidifier. 1,907,104; May 2.
- Hall, William J., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall and seven per cent to R. C. Schemmel, Detroit, Mich. Hood construction. 1,910,763; May 23.
- Hall, William J., Detroit, Mich., assignor, by mesne assignments, of thirty per cent to O. L. Herron, thirty per cent to J. B. Zimmers, thirty-three per cent to W. J. Hall, and seven per cent to R. C. Schemmel. Hood construction. 1,912,635; June 6.
- Hall, William T., assignor of one-third to H. McCullough, San Diego, Calif. Window lock. 1,906,153; Apr. 25.
- Hall, Willis B., et al. (See Rowe, Alton J., assignor.)
- Halladay, Calvin L., Jackson, Mich. Bumper construction and making the same. 1,937,197; Nov. 28.
- Halladay, John F., River Forest, assignor to Container Corporation of America, Chicago, Ill. Tray. 1,911,952; May 30.
- Halladay, John F., River Forest, assignor to Container Corporation of America, Chicago, Ill. Box. 1,911,953; May 30.
- Hallam, Albert W., Kettering, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,937,819; Dec. 5.
- Hallam, Harry, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Tree or tree foot. 1,915,574; June 27.
- Halland, Herman E., U. S. Navy. Practice bomb. 1,920,257; Aug. 1.
- Hallawell, Austin M. (See Whitaker, A., and Hallawell.)
- Hallberg, John. (See Bales, J. E., Christensen, Hallberg, and Adler.)
- Hall-Brown, Archibald, et al., executors. (See Kemnal, James.)
- Hall-Brown, Archibald, London, England. Propulsion of aircraft. 1,904,134; Apr. 18.
- Halden, Frederick G. (See Vernam, G. S., and Halden.)
- Halden, Frederick G., Bellerose, assignor to International Communications Laboratories, Inc., New York, N. Y. Printing telegraph exchange switching system. 1,895,097; Jan. 24.
- Halden, Frederick G., Bellerose, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Multiplex drop channel system. 1,927,704; Sept. 19.
- Halden, Frederick G., Bellerose, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Printing telegraph exchange system. 1,932,933; Oct. 31.
- Halden, Karl W., Thomaston, Conn. Shearing apparatus for cutting positive lengths. 1,911,150; May 23.
- Halle, Hiram J., New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for treating hydrocarbons. 1,900,105; Mar. 7.
- Halle, William W., assignor to Seeley Tube & Box Company, Newark, N. J. Container. 1,907,797; May 9.
- Hallenbeck, Charles V., Denver, Colo. Trailer. 1,938,142; Dec. 5.
- Hallenbeck, George E., assignor to Baker Brothers, Inc., Toledo, Ohio. Turret indexing means. 1,918,523; July 18.
- Hallenbeck, Harold E., assignor to Gifford-Wood Company, Hudson, N. Y. Gig elevator. 1,936,477; Nov. 21.
- Hallensleben, Julius. (See Stolz, F., Böttcher, Hallensleben, and Krohs.)
- Hallensleben, Julius. (See Stolz, F., and Hallensleben.)
- Haller, Andreas, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Spring for vehicles. 1,928,176; Sept. 26.
- Haller, Carl, Detroit, Mich. Rotating furnace. 1,916,569; July 4.
- Haller, Cyrus W., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 1,933,110; Oct. 31.
- Haller, Harvey H., assignor to The Wehr Motor Company, Los Angeles, Calif. Valve construction. 1,901,237; Mar. 14.
- Haller, Harvey H., assignor to The Wehr Motor Company, Los Angeles, Calif. Valve construction. 1,902,069; Mar. 21.
- Haller, Herbert L. J., and P. S. Schaffer, Washington, D. C., dedicated to the free use of the public. Preparing acylated phenols. 1,933,975; Nov. 7.

- Haller, Josef, Leverkusen-Wiesdorf, assignor to General Aniline Works, Inc., New York, N. Y. New hydroxy-thionaphthene compounds. 1,913,484; June 15.
- Haller, Josef, Wiesdorf-on-the-Rhine, and C. Laube, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs on the fiber and new compositions of matter. 1,893,991; Jan. 10.
- Haller, Oskar. (See Laska, L., and Haller.)
- Haller, Paul, Berne, and H. Kappeler, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Infusible synthetic resins and making same. 1,939,691; Dec. 19.
- Haller, Robert, Riehen, near Basel, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Obtaining reserves under azo-dyestuffs. 1,921,920; Aug. 8.
- Haller, Robert, Riehen, near Basel, and A. Heckendorn, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose derivative and making same. 1,895,544; Jan. 31.
- Haller, Robert, Riehen, near Basel, and A. Heckendorn, Basel, assignors to Firm Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose derivatives and making same. 1,896,892; Feb. 7.
- Haller, Robert, Riehen, near Basel, and A. Ruperti, assignors to Firm Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose esters and making same. 1,922,287; Aug. 15.
- Haller, Robert, Riehen, near Basel and A. Heckendorn, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose derivative having a strong affinity for acid dyestuffs, and making same. 1,929,863; Oct. 10.
- Haller, Robert, Riehen, near Basel, and A. Ruperti, Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose esters and making same. 1,930,895; Oct. 17.
- Haller, Wilhelm. (See Wietzel, G., Haller, and Hennicke.)
- Hallerberg, Theodore W., Hawthorne, Calif., assignor, by mesne assignments, to The Commerce Guardian Bank, Toledo, Ohio, trustee. Control means for pressure feed lines. 1,909,348; May 16.
- Hallermann, Adolf, Munster, Germany. Process and apparatus for clarifying or separating the head from the fermenting liquor in brewing or in other fermentation processes. 1,893,411; Jan. 3.
- Hallett, George E. A., Detroit, Mich. Hydraulic valve lash adjusting mechanism. 1,931,476; Oct. 17.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Brake control. Re18,997; Nov. 14.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Rear wheel arrangement for motor busses. 1,897,934; Feb. 14.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Slide valve engine. 1,922,678; Aug. 15.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Antishimmy device. 1,924,718; Aug. 29.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Hydraulic valve gear. 1,930,553; Oct. 17.
- Hallett, George E. A., assignor to General Motors Research Corporation, Detroit, Mich. Hydraulic valve mechanism. 1,930,554; Oct. 17.
- Hallett, George E. A., and L. W. Shutts, assignors to General Motors Research Corporation, Detroit, Mich. Hydraulic valve mechanism. 1,936,667; Nov. 28.
- Hallett, Lawrence T., assignor to Process Holdings Company, Portland, Ore. Thermal and sound insulating material and making same. 1,925,142; Sept. 5.
- Halley, James L., San Francisco, Calif. Artificial denture. 1,910,764; May 23.
- Halliburton, Erle P. (See Simmons, John T., assignor.)
- Halliburton, Erle P., Los Angeles, Calif. Method and apparatus for recovering fluids from underground strata. 1,912,578; June 6.
- Halliburton, Orville G., Chicago, Ill. Electric swivel connection. 1,925,095; Sept. 5.
- Halliwell, John J., Tuckahoe, assignor to R. Hoe & Co., Inc., New York, N. Y. Paper roll control. 1,893,891; Jan. 10.
- Halliwell, Robert G., Wilmette, Ill., assignor to Armstrong Cork Company, Lancaster, Pa. Building insulation and applying same. 1,902,639; Mar. 21.
- Halliwell-Shelton Electric Corporation. (See Gross, Carl G., assignor.)
- Halliwell-Shelton Electric Corporation. (See Unger, Ernest G., assignor.)
- Halloran, Ralph A., A. Kremser, Berkeley, and A. J. L. Hutchinson, Los Angeles, assignors to Standard Oil Company of California, San Francisco, Calif. Fractionation by multiple absorption. 1,915,781; June 27.
- Halloran, Henry G., Milton, Mass. Insoluble cement solution. 1,926,948; Sept. 12.
- Halloran, John P., Mayfield Heights, Ohio. Air driven automobile. 1,902,124; Mar. 21.
- Halloran, Ralph A., Berkeley, and M. L. Chappell, Los Angeles, assignor to Standard Oil Company of California, San Francisco, Calif. Manufacturing lubricating oil. 1,893,774; Jan. 10.
- Hallot, Paul, Paris, France. Aerial vehicle and braking system therefor. 1,932,094; Oct. 24.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Stool. 1,912,274; May 30.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Packing house bench. 1,924,989; Aug. 29.
- Hallowell, Howard T., and F. Bennett, assignors to Standard Pressed Steel Co., Jenkintown, Pa. Sign frame. 1,934,532; Nov. 7.
- Hallowell, Howard T., and F. Bennett, assignors to Standard Pressed Steel Co., Jenkintown, Pa. Sign frame. 1,934,533; Nov. 7.
- Hallquist, Einar G., Edwardsville, assignor to General Steel Castings Corporation, Granite City, Ill. Truck structure. 1,935,359; Nov. 14.
- Hallquist, Einar G., Edwardsville, assignor to General Steel Castings Corporation, Granite City, Ill. Spring device. 1,936,389; Nov. 21.
- Hallquist, Stone, assignor to S. M. Siesel Co., Milwaukee, Wis. Mold construction for piling. 1,918,333; July 18.
- Hallward, Michael, Pasadena, Calif., assignor, by mesne assignments, to Wonderland Furniture, Ltd. Child's dressing table or similar article. Des. 89,042; Jan. 17.
- Hallward, Michael, Pasadena, Calif., assignor, by mesne assignments, to Wonderland Furniture, Ltd. Child's chest of drawers. Des. 89,043; Jan. 17.
- Hallward, Michael, Pasadena, Calif., assignor, by mesne assignments, to Wonderland Furniture, Ltd. Child's bed or similar article. Des. 89,044; Jan. 17.
- Hallwood, Nathan A., Columbus, Ohio. Scale. 1,892,729; Jan. 3.
- Hallwood, Nathan A., Columbus, Ohio. Scale. 1,908,236; May 9.
- Halmagyi, John. (See Langer, Nicholas, assignor.)
- Haloid Company, The. (See Koch, H. F., and Wehner, assignors.)
- Halowax Corporation. (See Maibauer, Albert E., assignor.)
- Halpin, Abraham, New York, N. Y. Bowling ball and container therefor. 1,927,492; Sept. 19.
- Halpny, Samuel A. (See Chufar, E., and Halpny.)
- Halsam Products Company. (See Thompson, William J., assignor.)
- Halsey, Ande B., New York, N. Y. Window cleaning device. 1,924,852; Aug. 29.
- Halsey, Arthur S., Washington, D. C. Bomb rack and control. 1,893,232; Jan. 3.
- Halsey, Charles W., Evansville, Ind. Doorstop. 1,920,693; Aug. 1.
- Halsey, Edward S., Washington, D. C. Valve mechanism for controlling heating burners. 1,910,012; May 23.
- Halsey, Edward S., Glen Echo, Md. Apparatus for supplying cooled drinking water. 1,929,583; Oct. 10.
- Halstead, George W., Jr., Columbus, Ohio, assignor to General Electric Company. Carrier system. 1,931,071; Oct. 17.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar heading device. 1,899,194; Feb. 28.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar wrapping mechanism. 1,915,277; June 27.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Adjustable bunch roller for cigar machines. 1,926,199; Sept. 12.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Combined scrap bunch and turret molding machine. 1,936,110; Nov. 21.
- Halstead, Ralph T. (See Pratt, W. B., and Halstead.)
- Halstead, Ralph T., Naugatuck, Conn., assignor, by mesne assignments, to Dispersions Process, Inc., New York, N. Y. Artificial dispersion of plastic materials. 1,932,661; Oct. 31.
- Halstead, Stanley M., A. I. Wickland, and W. C. Tustin, San Jose, Calif., assignors to Wayne Company, Fort Wayne, Ind. Valve. 1,906,959; May 2.
- Halsted, Hobart J., and N. R. Briggs, Buffalo, N. Y. Coin controlled dispensing apparatus. 1,900,989; Mar. 14.
- Halsted, Hobart J., and N. R. Briggs, Buffalo, N. Y. Fraud preventive device. 1,905,935; Apr. 25.
- Halsted, Hobart J., and N. R. Briggs, Buffalo, N. Y. Vending machine. 1,911,151; May 23.
- Haltenberger, Jules, Indianapolis, Ind. Automobile drive axle. 1,937,053; Dec. 5.
- Halter, Adolph A., Cleveland, Ohio. Stove wick and its composition. 1,920,384; Aug. 1.
- Halvorsen, Hans N., Vineland, N. J. Liquid recording gauge. 1,922,362; Aug. 15.
- Halvorsen, Halbert B., Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 1,940,797; Dec. 26.
- Halvorsen, Severin, Chicago, Ill., assignor to The Newspaper Stuffing Machine Company, Seattle, Wash. Limit load clutch. 1,932,362; Oct. 24.
- Halvorson, Gaylord H., Duluth, Minn. Gas sampling apparatus. 1,932,582; Oct. 31.
- Halvorson, Halvor O. (See Cade, A. R., and Halvorson, assignors.)
- Halvorson, Halvor O., Ramsey County, R. C. Murray, and E. M. Schmitz, assignors to Geo. A. Hormel & Company, Austin, Minn. Preparation of lard. 1,930,091; Oct. 10.
- Halvorson, Halvor O., Ramsey County, and E. M. Schmitz and R. C. Murray, assignors to Geo. A. Hormel & Company, Austin, Minn. Rendering. 1,930,169; Oct. 10.
- Hamacheck, Julius E., Sheboygan, Wis. Cooler for fuel gases. 1,938,252; Dec. 5.

- Hamacher, Karl F., Lake, Wis. Radiator. 1,915,226; June 20.
- Hamaker, Rex G., assignor of one-half to A. M. Bowman, Houston, Tex. Drill post. 1,904,307; Apr. 18.
- Hamaker, Rex G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 1,910,210; May 23.
- Hamaker, Rex G., Houston, Tex., and R. Giesey, Oklahoma City, Okla., assignors to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,915,527; June 27.
- Hamann, Christel, Neu-Babelsberg, near Berlin, assignor to Deutsche Telefonwerke und Kabelindustrie Aktiengesellschaft, Berlin, Germany. Motor driven computing machine. 1,912,133; May 30.
- Hamann, Henry J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edging apparatus. 1,901,510; Mar. 14.
- Hamann, William, Irondequoit, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Seam pressing machine. 1,922,288; Aug. 15.
- Hamant, Edward W. (See von Webern, G. and Hamant.)
- Hambidge, John J., London, England. Electrically driven vacuum cleaner. 1,928,555; Sept. 26.
- Hamblin, Glyde M., Washington, D. C. Valve. 1,932,404; Oct. 31.
- Hambrick, Raleigh W., Skippers, Va. Draft control apparatus. 1,927,606; Sept. 19.
- Hambrook, George W., and W. E. Clarin, Chicago, Ill. Folding chair. 1,910,539; May 23.
- Hambrook, George W., Oak Park, and W. E. Clarin, assignors to Clarin Mfg. Co., Chicago, Ill. Chair spacing device. 1,931,289; Oct. 17.
- Hambusch, Otto. (See Steilmigg, G. and Hambusch.)
- Hambuechen, Carl, St. Louis, Mo. Electric current rectifier. 1,912,636; June 6.
- Hambuechen, Carl, Bellevue, Ill., assignor to The B-L Electric Manufacturing Company, St. Louis, Mo. Rectifier. 1,904,447; Apr. 18.
- Hamburger, Willibald, Zell, near Wurzburg, assignor to Schnellpressenfabrik Koenig & Bauer Aktiengesellschaft, Wurzburg, Germany. Automatic control for hydraulic matrix molding drying presses. 1,932,583; Oct. 31.
- Hamdorf. (See Pett, Minna.)
- Hamel, Frank W., Detroit, Mich. Foundry flask. 1,916,217; July 4.
- Hamel, Frank W., Detroit, Mich. Overjacket for molds. 1,921,671; Aug. 8.
- Hamel, Gust, et al. (See Schmidt, Albert, assignor.)
- Hamel, Otto C., assignor to The Meinig Hosiery Co., Reading, Pa. Hosiery. 1,941,171; Dec. 26.
- Hamel, William J. (See Bisailon, H. E. and Hamel.)
- Hamer, Clarence, Herkimer, N. Y. Necktie holder. 1,927,659; Sept. 19.
- Hamer, Harry M., Johnstown, Pa. Vehicle signaling device. 1,941,300; Dec. 26.
- Hamer, Leland S., Long Beach, Calif. Stopcock. 1,892,835; Jan. 3.
- Hamer, Leland S., Long Beach, Calif. Flow bean. 1,933,903; Nov. 7.
- Hamer, Leland S., Long Beach, assignor of one-half to J. W. MacClatchie, Compton, Calif. Well bore feeler. 1,921,522; Aug. 8.
- Hamer, Leland S., Long Beach, assignor to Chikson Oil Tool Company, Ltd., Fullerton, Calif. Conduit. 1,938,829; Dec. 12.
- Hamer, Walter S., Redlands, Calif. Paper handling device. 1,908,345; May 9.
- Hamernick, Stanley, Manville, N. J. Plumb and level. 1,919,106; July 18.
- Hammersley, Carl S., New York, N. Y. Cushioning pad. 1,902,361; Mar. 21.
- Hammersley, Carl S., New York, N. Y. Handling of foods. 1,909,672; May 16.
- Hammersley, Carl S., New York, N. Y. Method for use in connection with the wrapping of food. 1,914,121; June 13.
- Hammersley, George W., New York, N. Y. Container for waxed paper. 1,939,812; Dec. 19.
- Hammersley Manufacturing Co., The. (See Fischer, Emanuel M., assignor.)
- Hamerstadt, William D., assignor to Rockwood Manufacturing Company, Indianapolis, Ind. Pivotal mounting for pulley structures. 1,925,877; Nov. 21.
- Hamerstadt, William D., assignor to The Rockwood Manufacturing Company, Indianapolis, Ind. Pivotal mounting for pulley structures. 1,935,878; Nov. 21.
- Hamill, Francis L., Litchfield, assignor to The Torrington Manufacturing Company, Torrington, Conn. Force feed mechanical lubricator. 1,937,019; Nov. 28.
- Hamill, Ret O., Brooklyn, assignor to Retlaw Electric Appliance Corporation, New York, N. Y. Maximum demand meter. 1,926,851; Sept. 12.
- Hamill, Ret O., Brooklyn, assignor of one-third to A. Autler and one-third to G. Autler, New York, N. Y. Automatic disconnecter. 1,929,421; Oct. 10.
- Hamilla, George J., and D. Arras, New Britain, Conn. Hydraulic power transmission. 1,914,090; June 13.
- Hamilton, Baxter P., River Edge, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 1,921,079; Aug. 8.
- Hamilton Beach Manufacturing Company. (See Moss, Edward, assignor.)
- Hamilton Beach Manufacturing Company. (See Nielsen, Emanuel, assignor.)
- Hamilton, Beauchamp & Woodworth. (See Hamilton, E. M., and Woodworth, assignors.)
- Hamilton, Beauchamp & Woodworth. (See Woodworth, Selim E., assignor.)
- Hamilton, Bertis F., Greenwood, assignor to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Hood latch. 1,929,370; Oct. 3.
- Hamilton, Bertis F., Greenwood, assignor to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Hood latch. 1,929,371; Oct. 3.
- Hamilton, Charles E., sr., Hollywood, Calif. Ironing machine. 1,931,538; Oct. 24.
- Hamilton, Charles E., sr., Hollywood, Calif. Ironing pad. 1,931,539; Oct. 24.
- Hamilton, Charles E., sr., Hollywood, Calif., assignor to Edwin Lane, and P. and C. Mendelson, New York, N. Y. Flatwork ironer. Re19,004; Nov. 21.
- Hamilton, Charles E., sr., Hollywood, Calif., assignor to E. Lane, and P. and C. Mendelson, New York, N. Y. Flatwork ironer. 1,911,617; May 30.
- Hamilton, Charles E., sr., Hollywood, Calif., assignor to Edwin Lane, and P. and C. Mendelson, New York, N. Y. Stripper member for flatwork ironers. 1,936,390; Nov. 21.
- Hamilton, Earl A., St. Louis, Mo. Combination implement. 1,895,834; Jan. 31.
- Hamilton, Edward M., Jackson, and S. E. Woodworth, assignors to Hamilton, Beauchamp & Woodworth, San Francisco, Calif. Material control apparatus and method. 1,940,946; Dec. 26.
- Hamilton, Edward P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Drawer structure. 1,905,857; Apr. 25.
- Hamilton Foundry and Machine Company, The. (See McDaniel, Donald, assignor.)
- Hamilton, Francis A., Whitehouse, Northern Ireland. Jacking of motor and other vehicles. 1,930,802; Oct. 17.
- Hamilton, Fred A., assignor of one-half to Fitzsimmons & McAllister, Inc., Albany, N. Y. Combustion apparatus. 1,917,031; July 4.
- Hamilton, George H., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Hinge having friction bearings. 1,905,858; Apr. 25.
- Hamilton, George H., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair with swingable table leaves. 1,905,859; Apr. 25.
- Hamilton, George H., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Combined typewriter stand and desk. 1,929,551; Oct. 10.
- Hamilton, George W., Evanston, Ill. Cross arm clamp. 1,898,725; Feb. 21.
- Hamilton, Gertrude, administratrix. (See Hamilton, Warren G., assignor.)
- Hamilton, Harold S., White Plains, N. Y., and G. Crisson, East Orange, N. J., assignors to American Telephone and Telegraph Company. Bridging connection for program circuits. 1,900,106; Mar. 7.
- Hamilton, James W., and J. V. Watts, Biloxi, Miss. Fishing reel. 1,896,582; Feb. 7.
- Hamilton, Jennie B., Westfield, Mass. Sign. 1,913,385; June 13.
- Hamilton, Jennie B., Westfield, Mass. Sign. 1,933,913; Oct. 31.
- Hamilton, John H. (See Hamilton, Linzie P., assignor.)
- Hamilton, John R., Cleveland Heights, assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Automatic fire extinguishing apparatus. 1,925,245; Sept. 5.
- Hamilton, John R., assignor to "Automatic" Sprinkler Company of America, Cleveland, Ohio. Pipe hanger. 1,937,654; Dec. 5.
- Hamilton, John W. H., New York, N. Y. Combination magazine and book rack or the like article. Des. 88,967; Jan. 10.
- Hamilton, Joseph M., assignor of one-half to Ray H. Kistler, San Francisco, Calif. Closure for collapsible tubes. 1,935,089; Nov. 14.
- Hamilton, Karl M., Chicago, Ill. Heat distributing means. 1,926,233; Sept. 12.
- Hamilton, Karl M., Chicago, Ill., assignor to The Bettendorf Company, Bettendorf, Iowa. Railway car truck. 1,907,962; May 9.
- Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Headdress. Des. 90,846; Oct. 10.
- Hamilton, Leonard, Esserville, assignor of one-half to V. W. Warren, Norton, Va. Brake control. 1,930,126; Oct. 10.
- Hamilton, Linzie P., assignor of one-half to J. H. Hamilton, Garrison, Pa. Swab. 1,927,740; Sept. 19.
- Hamilton Manufacturing Company. (See Demcak, Andrew, assignor.)
- Hamilton Manufacturing Company. (See Froelich, George E., assignor.)
- Hamilton Manufacturing Company. (See Hamilton, Edward P., assignor.)
- Hamilton Manufacturing Company. (See Schutmaat, George W., assignor.)
- Hamilton, Mary, and G. J. Sutton, London, England; said Sutton assignor to said Mary Hamilton. Plaiting device. 1,936,668; Nov. 28.
- Hamilton, Paul H., assignor to The Sands Manufacturing Company, Cleveland, Ohio. Heater. 1,933,056; Oct. 31.
- Hamilton, Richard, Raphoe, Irish Free State. Machine Conn. Electric switch. 1,932,968; Oct. 31.

- Hamilton, Robert W., Philadelphia, Pa. Glaze breaker. 1,929,888; Oct. 10.
- Hamilton, Samuel A. B., jr., Fort Worth, Tex. Differential for motor vehicles and the like. 1,915,606; June 27.
- Hamilton Standard Propeller Company. (See Caldwell, Frank W., assignor.)
- Hamilton, Victor N., assignor to W. D. Rogers and H. Kema, Los Angeles, Calif. Can perforating and contents pouring lid. 1,920,385; Aug. 1.
- Hamilton-Wade Company. (See Davy, Arthur E., assignor.)
- Hamilton-Wade Company. (See Howard, Albert L., assignor.)
- Hamilton, Walter B., Birkdale, and T. A. Evans, Whitefield, England, assignors to Electro Metallurgical Company, New York, N. Y. Production of metals and alloys by reduction. 1,893,992; Jan. 10.
- Hamilton, Walter T., and G. F. Ilgen, assignors to The Airetool Manufacturing Company, Springfield, Ohio. Fluid motor. 1,914,091; June 13.
- Hamilton, Warren G., deceased, Atlantic City, N. J.; G. Hamilton, administratrix, assignor of one-half to J. Ginsburg, Philadelphia, Pa. Safety attachment for typographical composing and casting machines. 1,906,060; Apr. 25.
- Hamilton Watch Company. (See Beehler, Howard L., assignor.)
- Hamilton Watch Company. (See Wuischpard, Alphonse, assignor.)
- Hamilton, Wm. A. (See Nemes, Mike J., assignor.)
- Hamilton, W. C., and Sons. (See Hanson, H. H., and Craven, assignors.)
- Hamilton, William F. (See Hebler, W. O., and Hamilton.)
- Hamlet, Willard, assignor of one-half to J. L. Whitehurst, Baltimore, Md. Vaporizing machine. 1,917,712; July 11.
- Hamlin, Benjamin M. (See Wheary, G. H., and Hamlin.)
- Hamlin, George R. (See Sheller, Samuel H., assignor.)
- Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Roofing and siding material. 1,913,836; June 13.
- Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Coking pitch. 1,935,317; Nov. 14.
- Hamlin, Walter T., Monahans, Tex. Throttle brake. 1,928,855; Oct. 3.
- Hamm, Clarence L., Pittsfield, Mass., assignor to General Electric Company. Multiple voltage capacitor motor. 1,906,463; May 2.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 1,892,887; Jan. 3.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain construction. 1,912,579; June 6.
- Hamm, William S., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window construction. 1,913,756; June 13.
- Hamm, William S., and H. D. Severson, Elkhart, Ind., assignors to The Adlake Company, Chicago, Ill. Sash guide. 1,919,367; July 25.
- Hamm, William S., and H. D. Severson, Elkhart, Ind., assignors to The Adlake Company, Chicago, Ill. Sash construction. 1,931,794; Oct. 24.
- Hammann, Henry J., Mount Morris, Ill. Printing-plate base. 1,930,009; Oct. 10.
- Hammarsojo, Erik A., Rockford, Ill. Shoe press. 1,916,265; July 4.
- Hammarstrand, Anders T. (See Rosat, C., and Hammarstrand.)
- Hammarstrom, John, Bridgeport, Conn. Toy Windmill. 1,918,747; July 13.
- Hammel, Victor F., New York, N. Y. Making columnar structures. 1,928,017; Sept. 26.
- Hammer, Arthur, Tompkinsville, Ky. Clamp for wire fences. 1,896,447; Feb. 7.
- Hammer, Arthur, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Armature for magnetic loud speakers. 1,922,679; Aug. 15.
- Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
- Hammer, Charles, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Nozzle for can openings and the like. 1,927,029; Sept. 19.
- Hammer, Ludwig, Vienna, Austria. Rock-boring machine. 1,920,904; Aug. 1.
- Hammer, Otto. (See Sievers, W. E., and Hammer.)
- Hammer, Otto, Whittier, Calif., assignor to Security Engineering Company, Reno, Nev. Well reamer. 1,905,860; Apr. 25.
- Hammer, Samuel, Brooklyn, N. Y. Waste receptacle. 1,901,808; Mar. 14.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Mounting for pictures, panels, and the like. 1,893,168; Jan. 3.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Wall cabinet mounting. 1,916,509; July 4.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Latch means for cabinet doors. 1,917,297; July 11.
- Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Disposal device. 1,917,298; July 11.
- Hammer, Thorvald F., Branford, Conn. Boot hook. Des. 89,558; Mar. 28.
- Hammeral, Frank J., Akron, Ohio. Electric cigar and cigarette lighter. 1,921,254; Aug. 8.
- Hammerberg, George, Kettleman Hills, Calif. Rotary drill bit. 1,928,451; Sept. 26.
- Hammerich, Fritz A., San Francisco, Calif. Tappet wrench. 1,914,827; June 20.
- Hammerly, Fred V., assignor of one-half to C. B. Abbott and one-half to G. A. Hammerly, Berkeley, Calif. Sewage purification system. 1,900,809; Mar. 7.
- Hammerly, Georgia A., et al. (See Hammerly, Fred V., assignor.)
- Hammerly, Herman J., Wallingford, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Inclosed switch. 1,893,829; Jan. 10.
- Hammerly, Herman J., Wallingford, assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,898,443; Feb. 21.
- Hammerly, Herman J., Wallingford, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,915,991; June 27.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,903,180; Mar. 28.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Safety switch construction. 1,915,992; June 27.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Safety switch. 1,928,487; Sept. 26.
- Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,932,966; Oct. 31.
- Hammermill Paper Company. (See Johnsen, Bjarne, assignor.)
- Hammermill Paper Company. (See Reese, Charles H., assignor.)
- Hammers, Burt F., Delbert Starrett, and J. E. Hammers, Lawrence, Kans. Cooling apparatus for passenger compartments of motor vehicles. 1,913,273; June 6.
- Hammers, Eduard J., and E. Eichwald, Amsterdam, Netherlands, assignors, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Obtaining purified sulphonic acids. 1,920,787; Aug. 1.
- Hammers, Jimmie E. (See Hammers, B. F., Starrett, and Hammers.)
- Hammerschmidt, Theo., Blankenburg Harz, Germany. Front edge covering for stairs and the like. 1,928,488; Sept. 26.
- Hammes, Michael A., Racine, Wis. Washing device. 1,905,861; Apr. 25.
- Hammond, Charles F., jr., assignor to Gemmer Manufacturing Company, Detroit, Mich. Shock absorber. 1,899,271; Feb. 28.
- Hammond Clock Company, The. (See Hammond, Laurens, assignor.)
- Hammond Clock Company, The. (See Tweedale, Ralph L., assignor.)
- Hammond Company, The. (See Hammond, Grant, assignor.)
- Hammond, Edward P., Detroit, Mich., assignor to Marles Steering Gear Company of America, Incorporated, New York, N. Y. Steering gear. 1,899,270; Feb. 28.
- Hammond, Edward P., assignor to Gemmer Manufacturing Company, Detroit, Mich. Mounting. 1,931,726; Oct. 24.
- Hammond, Frederick, Charlotte, N. C. Metallic tire cover. 1,910,332; May 23.
- Hammond, Grant, New Haven, Conn. Deinking apparatus. 1,921,080; Aug. 8.
- Hammond, Grant, New Haven, Conn. Carburetor. 1,923,537; Aug. 22.
- Hammond, Grant, assignor to The Hammond Company, New Haven, Conn. Carburetor. 1,940,251; Dec. 19.
- Hammond, Grant, assignor to Hammond Company, New Haven, Conn. Carburetor. 1,940,252; Dec. 19.
- Hammond, Grant, assignor to The Hammond Company, New Haven, Conn. Carburetor. 1,940,253; Dec. 19.
- Hammond, Harry G., Detroit, Mich. Temperature control for electric bar heaters. 1,936,192; Nov. 21.
- Hammond, John A., Albany, assignor to California Cap Company, Oakland, Calif. Blasting cap. 1,898,011; Feb. 21.
- Hammond, John H., jr. (See Purington, Ellison S., assignor.)
- Hammond, John H., jr., Gloucester, Mass. Piano with reaction loud speaker. 1,893,892; Jan. 10.
- Hammond, John H., jr., Gloucester, Mass. Piano with loud speaker on secondary sound boards. 1,893,893; Jan. 10.
- Hammond, John H., jr., Gloucester, Mass. Sounding board. 1,893,894; Jan. 10.
- Hammond, John H., jr., Gloucester, Mass. Musical instrument. 1,893,895; Jan. 10.
- Hammond, John H., jr., Gloucester, Mass. Regenerative piano. 1,893,940; Jan. 10.
- Hammond, John H., jr., Gloucester, Mass. Radio transmission system. 1,895,459; Jan. 31.
- Hammond, John H., jr., Gloucester, Mass. Selective radio reception. 1,900,283; Mar. 7.
- Hammond, John H., jr., Gloucester, Mass. Selective signaling. 1,907,963; May 9.
- Hammond, John H., jr., Gloucester, Mass. Detachable bob. 1,908,753; May 16.

- Hammond, John H., jr., Gloucester, Mass. Secret television. 1,910,540; May 23.
- Hammond, John H., jr., Gloucester, Mass. Method of and system for eliminating fading. 1,915,782; June 27.
- Hammond, John H., jr., Gloucester, Mass. Method of and system for elimination of fading. 1,915,783; June 27.
- Hammond, John H., jr., Gloucester, Mass. System and method of radio transmission and reception. 1,915,784; June 27.
- Hammond, John H., jr., Gloucester, Mass. Transmission and reception of radiant energy. 1,915,785; June 27.
- Hammond, John H., jr., Gloucester, Mass. System of transmission of radiant energy. 1,915,786; June 27.
- Hammond, John H., jr., Gloucester, Mass. System for the transmission and reception of radiant energy. 1,930,046; Oct. 10.
- Hammond, John H., jr., Gloucester, Mass. Side band reversal transmission system. 1,935,776; Nov. 21.
- Hammond, John H., jr., Gloucester, Mass. Television sketching apparatus. 1,937,020; Nov. 28.
- Hammond, John H., jr., Gloucester, Mass. System for reproducing sound. 1,937,021; Nov. 28.
- Hammond, John H., jr., Gloucester, Mass., assignor to General Electric Company. Electrical control system. 1,895,924; Jan. 31.
- Hammond, John H., jr., Gloucester, Mass., assignor to General Electric Company. Electrical control system. 1,895,925; Jan. 31.
- Hammond, John H., jr., Gloucester, Mass., and E. F. W. Alexanderson, Schenectady, N. Y.; said Alexanderson assignor to General Electric Company. Radiant energy guiding system for airplanes. 1,917,114; July 4.
- Hammond, Laurens, Evanston, assignor to The Hammond Clock Company, Chicago, Ill. Synchronous motor. 1,915,090; June 20.
- Hammond, Laurens, Evanston, Ill., assignor, by mesne assignments, to R. D. Mershon, New York, N. Y. Electrolitic condenser. 1,924,606; Aug. 29.
- Hammond, Laurens, Evanston, assignor, by mesne assignments, to The Hammond Clock Company, Chicago, Ill. Alternating current clock. 1,924,853; Aug. 29.
- Hammond, Mark C., assignor to Forest Oil Corporation, Bradford, Pa. Automatic lubricating device. 1,930,313; Oct. 10.
- Hammond, Myron B., assignor to The Thos. P. Taylor Company, Bridgeport, Conn. Sanitary pad supporter belt. 1,905,964; Apr. 25.
- Hammond, William C. (See Larson, Carl B., assignor.)
- Hammond, William C. (See Larson, C. B., and Hammond.)
- Hammond, William P. (See Littell, N., and Hammond.)
- Hammond, William S., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Railway car heating. 1,928,687; Oct. 3.
- Hammonds, George S., Oklahoma City, Okla. Curtain protecting device. 1,909,949; May 23.
- Hammons, Asa A. (See Erickson, L. E., and Hammons.)
- Hampden, Wellesley R., Reedville, and G. W. Hagle, Hillsboro, Oreg. Newspaper box. 1,904,448; Apr. 18.
- Hampel, Karl S., Chicago, Ill. Foot-exercising device. 1,931,146; Oct. 17.
- Hampel, Karl S., Chicago, Ill. Transferring printed figures or pictures. 1,931,147; Oct. 17.
- Hamprecht, Guenther, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of noncaustic calcium cyanamide. 1,908,978; May 16.
- Hampson, Charles G., Jamaica, N. Y. Printing roller. 1,903,237; May 9.
- Hampson, Edward A., Chicago, Ill., assignor to The Hoover Company. Refrigeration units. 1,896,030; Feb. 7.
- Hampson, Edward A., Chicago, Ill., assignor to The Hoover Company. Condenser. 1,896,081; Feb. 7.
- Hampton, Alvah T., Coulee, Wash. Current motor. 1,903,545; Apr. 11.
- Hampton, Audrey L., Houston, Tex. Overshot. 1,902,851; Mar. 28.
- Hampton, Audrey L., Houston, Tex. Spear. 1,903,109; Mar. 28.
- Hampton, Frederick G., assignor to Standard Oil Company of California, San Francisco, Calif. Seal for floating roofs. 1,930,953; Oct. 17.
- Hampton, George E., Pittsburgh, Pa., assignor to The Syntro Company. Portable motor driven saw. 1,900,553; Mar. 7.
- Hampton, Leon N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gauge. 1,903,346; May 9.
- Hampton, Martin L., Miami Beach, Fla. Cabinet. 1,929,063; Oct. 3.
- Hampton, Samuel F. (See Adams, A. H., and Hampton.)
- Hampton, Weldon O. (See Alsaker, A., Hampton, and Koerner.)
- Hampton, William C., assignor to The Crawford McGregor and Canby Company, Dayton, Ohio. Coating articles with liquid pyroxylin or the like. 1,899,387; Feb. 28.
- Hamre, Marion R., Brooklyn, N. Y. Pillow cover or the like. Des. 89,185; Feb. 7.
- Hamre, Marion R., Brooklyn, N. Y. Textile fabric or the like. Des. 89,186; Feb. 7.
- Hamre, Marion R., Brooklyn, N. Y. Pillow cover or the like. Des. 89,187; Feb. 7.
- Hamre, Marion R., Brooklyn, N. Y. Textile fabric or the like. Des. 89,376; Feb. 28.
- Hamren, Eric O., assignor to Leach Company, Oshkosh, Wis. Two-wheeled mixer frame. 1,908,704; May 16.
- Hamren, Eric O., assignor to Leach Company, Oshkosh, Wis. Axle mounting. 1,909,349; May 16.
- Hanafin, Maurice C., Burlingame, and C. M. Allen, San Francisco, Calif.; said Allen assignor to said Hanafin. Surgical appliance. 1,937,566; Dec. 5.
- Hanahan, Marion L., East Orange, N. J., assignor to Krebs Pigment & Color Corporation, Newport, Del. Making titanium oxide of fine texture. 1,937,037; Nov. 28.
- Hanak, Albert, Philadelphia, Pa. Separating and recovering of lead from tin or tin alloys. 1,911,188; May 30.
- Hanak, Albert, assignor to Girard Smelting & Refining Company, Philadelphia, Pa. Apparatus for separating metals or alloys. 1,899,031; Feb. 28.
- Hanauer, Albert M. (See Wirth, Louis E., assignor.)
- Hanauer, Henry J., Milwaukee, Wis. Blank feeding apparatus. 1,927,030; Sept. 19.
- Hanavan, William L., Montclair, N. J. Receptacle and closure therefor. 1,902,362; Mar. 21.
- Hanchett, Alice B., Detroit, Mich. Coin changing machine. 1,912,134; May 30.
- Hanchett, Fred B., jr., Royal Oak, Mich. Automobile heater. 1,923,484; Aug. 22.
- Hanchett Manufacturing Co. (See Benedict, Frederic K., assignor.)
- Hanchett Manufacturing Co. (See Gardner, Edward B., assignor.)
- Hancock, George B., Fountain Inn, S. C. Necktie. 1,914,422; June 20.
- Hancock, Leslie J., Sutton, England. Flame cutting burner apparatus. 1,898,955; Feb. 21.
- Hancock, Manley M., Binghamton, N. Y. Automatic engine stopping means. 1,920,694; Aug. 1.
- Hancock Manufacturing Co. (See Marple, Rollo, assignor.)
- Hancock Manufacturing Company. (See Marple, R., and Baker, assignors.)
- Hancock, Ralph J., Marietta, and J. L. L. Garrison; said Garrison assignor to Fulton Bag & Cotton Mills, Atlanta, and said Hancock assignor to Southern Ice Supply Company, Marietta, Ga. Ice delivery bag. 1,904,729; Apr. 18.
- Hancock, Raymond F. (See Boyce, J., and Hancock.)
- Hancock, Roy S., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,908,754; May 16.
- Hancock, Vesta W., Long Beach, Calif. System of brief typed phonetic transcription of speech sounds. 1,931,816; Oct. 24.
- Hancock, Wayne R. (See Renfro, Rennie, assignor.)
- Hand, Erle H., New York, N. Y. Device for changing radio coils. 1,907,964; May 9.
- Hand, Fredrick N., Sanford, Mich. Beeswax separator. 1,915,733; June 27.
- Hand, Jesse H., Chicago, Ill. Clutch mechanism. 1,940,947; Dec. 26.
- Hand, Richard W., Manhasset, N. P. Dispensing device. 1,923,974; Aug. 22.
- Handel, Paul W., Newark, Ohio, assignor to General Electric Company. Statistical machine. 1,915,993; June 27.
- Handelscompagnie Alhaco, N. V. (See Ruckdeschel, Wilhelm, assignor.)
- Handforth, Stanley L. (See Davis, C. W., Handforth, and Kirst.)
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of nitrites. 1,903,815; Apr. 18.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Determining traces of nitric in sulphuric acid solutions. 1,915,126; June 20.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentrating nitric acid. 1,922,289; Aug. 15.
- Handforth, Stanley L., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Temperature control of chemical reactions. 1,923,865; Aug. 22.
- Handforth, Stanley L., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonia oxidation. 1,919,216; July 25.
- Handlan, Alexander H., St. Louis, Mo. Signal lamp. 1,913,545; June 13.
- Handler, Alfred A., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making pistons. 1,936,598; Nov. 28.
- Handler, Harris L., Vallejo, Calif. Cushion pad for shoe counters. 1,900,107; Mar. 7.
- Handler, Koloman, Vienna, Austria. Loose leaf book. 1,939,895; Dec. 19.
- Handler, Morris, Chicago, Ill. Seeding implement. 1,914,915; June 20.
- Handley, George F. (See Myers, L. C., and Handley.)
- Handley, Joseph M., Orrick, Mo. Clamp. 1,911,274; May 30.
- Handley, William J., Jackson, Mich. Water heater. 1,935,632; Nov. 21.

- Handoll, Percy G., London, England, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Apparatus for cleaning the tubes of water tube boilers. 1,926,200; Sept. 12.
- Hand's Constant Mesh Transmission Company. (See Campbell, Leon J., assignor.)
- Hands, Fred, Oak Park, Ill. Air conditioner. 1,927,607; Sept. 19.
- Handschiegl, Bessie. (See Handschiegl, Max, assignor.)
- Handschiegl, Max, assignor to Bessie Handschiegl, Los Angeles, Calif. Production of pedigreed negatives. 1,899,032; Feb. 28.
- Handwerk, Erwin C., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company. Reducing zinciferous material. 1,921,820; Aug. 8.
- Handwerk, William A., Bethlehem, and W. Reiser, Free-mansburg, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc oxide. 1,940,125; Dec. 19.
- Handwerk, Walter T., Washington Township, Lehigh County, Pa. Outdoor blackboard holder. 1,928,422; Sept. 26.
- Handy, Clarence L. (See Handy, Floyd V. and C. L.)
- Handy, Floyd V. and C. L., Lynden, Wash.; said Floyd V. Handy assignor to said C. L. Handy. Straw collector. 1,897,254; Feb. 14.
- Handy, George A., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Bead structure for pneumatic tires. 1,918,539; July 18.
- Handy Governor Corporation. (See Bull, Arthur A., assignor.)
- Handy Governor Corporation. (See Bull, A. A., and Wood, assignors.)
- Handy Governor Corporation. (See Wood, W. A., and Adler, assignors.)
- Handy & Harman. (See Leach, Robert H., assignor.)
- Handy, Le Roy L. (See Drake, J. L., and Handy.)
- Handy, Le Roy L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coupler for glass supporting tables. 1,901,511; Mar. 14.
- Handy, Levin G. (See Witherhead, H. F., and Handy.)
- Handy, Levin G., Mountain View, N. J. Electric toy trackage. 1,912,193; May 30.
- Handy, Levin G., Mountain View, N. J. Electric toy trackage. 1,912,194; May 30.
- Handy, Levin G., Mountain View, N. J. Electric toy trackage. 1,912,195; May 30.
- Handy, Levin G., Mountain View, N. J. Electric toy trackage. 1,912,196; May 30.
- Handy Table Set Co. (See Osterberg, Carl T., assignor.)
- Hanel, Charles L., Jackson Heights, assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical circuit controlling device with minimum time delay element. 1,929,552; Oct. 10.
- Hanel, Charles L., Jackson Heights, N. Y., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Intermittently operating electrical device. 1,938,143; Dec. 5.
- Hänel, Curt, Berlin-Neukölln, Germany. Ticket printing and registering device. 1,922,731; Aug. 15.
- Hänel, Curt, Berlin-Neukölln, Germany. Ticket printing machine. 1,931,984; Oct. 24.
- Hanelt, William, Chicago, Ill. Rotary brush. 1,920,077; July 25.
- Haner, Carl, Moylan, and E. P. Fenimore, Drexel Hill, assignors to Publicker, Inc., Philadelphia, Pa. Manufacture of acetic acid. 1,911,315; May 30.
- Haney, Clifford I. (See Dreyfus, C., and Haney.)
- Haney, Clifford I. (See Dreyfus, H., and Haney.)
- Haney, John H. and M. K., Fort Dodge, Iowa. Combined chair and ironing board. 1,928,890; Oct. 3.
- Haney, Martin J., et al. (See Adams, Ervin, assignor.)
- Haney, Maurice K. (See Haney, J. H. and M. K.)
- Hanf, Edward A., Pittsburgh, Pa. Electric furnace system. 1,937,696; Dec. 5.
- Hanf, Edward A., Pittsburgh, assignor to William Swindell & Brothers, Aspinwall, Pa. Electric control system. 1,937,695; Dec. 5.
- Hanf, Ferdinand, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Device for filling the receiver of pipe presses, particularly of lead cable presses. 1,940,085; Dec. 19.
- Hanfstaengel, Georg V., assignor to Maschinenfabrik Augsburg-Nürnberg, A.-G., Nuremberg, Germany. Waterless gasometer. 1,921,617; Aug. 8.
- Hanford, Harold H. B., Vancouver, British Columbia, Canada. Railway track gauge. 1,909,535; May 16.
- Hangonyi, John, Buffalo, N. Y. Mounting for dirigible headlights. 1,939,550; Dec. 12.
- Hanhart, Walter. (See Straub, F., and Hanhart.)
- Haniel & Lueg G. m. b. H. (See Besigk, Wilhelm H., assignor.)
- Hanique, Alfred, Paris, France. Machine for ascertaining the volume of loads of granular material. 1,904,223; Apr. 18.
- Hankel, Martin, and Karl Jellinek, Offenbach-am-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparation useful for the production of dvestuffs and making same. 1,915,734; June 27.
- Hankins, Cyrus, Washington, D. C. Brake rigging for railway cars. 1,903,997; Apr. 18.
- Hankins, Cyrus, Washington, D. C. Brake rigging for railway cars. 1,904,135; Apr. 18.
- Hankins, Cyrus, Washington, D. C. Brake rigging for railway cars. 1,912,346; May 30.
- Hankins, Frederick W., Philadelphia, Pa. Locking attachment for cranes. 1,894,683; Jan. 17.
- Hankins, Frederick W., Philadelphia, Pa. Air distribution nozzle. 1,917,299; July 11.
- Hanks, Austin K., West Frostproof, Fla., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Picture projection apparatus. 1,910,989; May 23.
- Hanks, George R., Clinton, assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J. Road marker. 1,918,099; July 11.
- Hanks, Marshall W., Madison, Wis. Liquid conductor heater. 1,913,442; June 13.
- Hanks, William V. (See Freyermuth, G. H., and Hanks.)
- Hanks, William V. (See Freyermuth, G. H., Small, and Hanks.)
- Hanks, William V. (See Young, P. L., and Hanks.)
- Hanks, William V. (See Young, P. L., Hanks, and Freyermuth.)
- Hanks, William V., and J. K. Small, Baton Rouge, La., assignors to Standard Oil Development Company. Producing hydrogen from hydrocarbon gases. 1,915,862; June 27.
- Hanks, William V., Baton Rouge, La., and G. H. Freyermuth, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of hydrogen from hydrocarbon gases. 1,915,363; June 27.
- Hanlan, Frederick, assignor to H. B. Sherman Manufacturing Company, Battle Creek, Mich. Spray head. 1,910,765; May 23.
- Hanlan, Frederick, assignor to H. B. Sherman Manufacturing Company, Battle Creek, Mich. Sheet metal hose nozzle. 1,937,427; Nov. 28.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company, New York, N. Y. Clip for writing implements or the like. 1,926,852; Sept. 12.
- Hanley, Edmund C., Muskegon, Mich. Sprinkler hose appliance. 1,917,934; July 11.
- Hanley, Herbert R. (See Davis, S. H., Anderson, Smith, and Hanley.)
- Hanley, John A., Irvington, N. J. Electromagnetic coil for toy electric motors. 1,895,460; Jan. 31.
- Hanley, M., receiver. (See Stivers, Jake M., assignor.)
- Hanley, William, East Orange, assignor to Feiguson Brothers Manufacturing Company, Hoboken, N. J. Game board for folding card tables. 1,915,787; June 27.
- Hanlon-Buchanan, Inc. (See Bludworth, Joseph E., assignor.)
- Hanlon-Waters, Inc. (See Mount, W. M., and Waters, assignors.)
- Hanlon-Waters, Inc. (See Waters, Millard F., assignor.)
- Hanly, George A., and A. M. D. Mengeler, Elgin, Ill. Ladder. 1,936,508; Nov. 21.
- Hann, William E. (See Ball, A. P., and Hann.)
- Hann, William E., assignor to Chrysler Corporation, Detroit, Mich. Torsional vibration damper. 1,913,984; June 13.
- Hanna, Beatty P., Oakland, Calif. Plate dispenser. 1,937,567; Dec. 5.
- Hanna, Clinton R., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Sound recording and sound reproducing system. 1,940,858; Dec. 26.
- Hanna Engineering Works. (See Hanna, John C., assignor.)
- Hanna Engineering Works. (See Norin, Allan A., assignor.)
- Hanna, Fred M. (See Fairbairn, W. M., and Hanna.)
- Hanna, John C., assignor to Hanna Engineering Works, Chicago, Ill. Riveter. 1,907,538; May 9.
- Hanna, John C., assignor to Hanna Engineering Works, Chicago, Ill. Roller bearing wedge riveter. 1,933,731; Nov. 7.
- Hanna, William T., Cincinnati, Ohio. Running gear for road vehicles. 1,940,798; Dec. 26.
- Hanna, Wilson C. (See Dahl, L. A., and Hanna.)
- Hannaman, Edward, Guckeen, Minn. Wagon body. 1,933,800; Nov. 7.
- Hannan, Charles, Jr., Washington, Pa. Attachment plug. 1,922,948; Aug. 15.
- Hannauer Car Retarder Company, The. (See Wenzel, Karl E., assignor.)
- Hannay, William H., and F. E. Lee, Trail, British Columbia, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Preparation of zinc sulphate solutions. 1,934,305; Nov. 7.
- Hanneford, Frederick C., Morgan City, La. Combined storage and refrigeration apparatus. 1,922,129; Aug. 15.
- Hanneman, Walter M., Evansville, Ind., assignor to Union Special Machine Company, Chicago, Ill. Thread controlling mechanism for sewing machines. 1,899,802; Feb. 28.
- Hannes, Hugo. (See Spuhr, M., and Hannes.)
- Hanney, Angus F., Norwood, assignor to The American Laundry Machinery Company Norwood, Cincinnati, Ohio. Bar and holder for laundry markers. 1,929,974; Oct. 10.
- Hannibal Carl Wheel & Foundry Company. (See Mulvihill, Daniel C., assignor.)
- Hannigan, Philip F., Philadelphia, Pa. Smoke detectors. 1,911,130; May 23.

- Hannin, Michael P. (See Pohl, Charles, assignor.)
- Hanning, John, assignor to Diehle Manufacturing Company, Elizabeth, N. J. Condenser motor. 1,934,060; Nov. 7.
- Hannold, Leland S., Camden, N. J., assignor to Radio Corporation of America. Acoustic panel for vehicles. Des. 89,130; Jan. 31.
- Hannon, Albert H., Springfield, Ohio. Electroprocessing machine. 1,895,622; Jan. 31.
- Hannon, Albert H., Detroit, Mich. Coating machine. 1,913,757; June 13.
- Hannon, Albert H., Detroit, Mich. Applying corrosion resisting coatings to pipes. 1,936,247; Nov. 21.
- Hannon, John. (See Mendoza, M., and Hannon.)
- Hannon, John J. (See O'Connor, B. J., and Hannon.)
- Hannoversche Maschinenbau-Actien-Gesellschaft vormals Georg Egestorff Hanomag. (See Schargorodsky, Lazar, assignor.)
- Hannum Manufacturing Company. (See Hawley, Robert C., assignor.)
- Hannum, William E., Primos, Pa., assignor to Bailey Meter Company. Method of and apparatus for proportioning flowing fluids. 1,930,455; Oct. 10.
- Hanny, Charles E., Unionville, assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Residence panel board. 1,904,136; Apr. 18.
- Hanny, Charles E., Unionville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Fuse carrier. 1,932,212; Oct. 24.
- Hano, Edward, Holyoke, Mass. Carbon copy system. 1,920,640; Aug. 1.
- Hanoul, Emile, Flemalle-Grande, near Liege, Belgium. Life guard. 1,930,356; Oct. 10.
- Hanovia Chemical and Manufacturing Company. (See Anderson, William T., jr., assignor.)
- Hanovia Chemical and Manufacturing Company. (See Anderson, W. T., jr., and Bird, assignors.)
- Hanovia Chemical and Manufacturing Company. (See Robinson, Frederic W., assignor.)
- Hans, Edmund E., Detroit, assignor to A C Spark Plug Company, Flint, Mich. Gauge. 1,902,998; Mar. 28.
- Hans, Prentice L., assignor to Deere & Company, Moline, Ill. Harvester. 1,910,950; May 23.
- Hansberry, Howard L., Louisville, assignor to John M. Crowe, Covington, Ky. Flashing block, brick, or tile. 1,910,605; May 23.
- Hanseatische Muehlenwerke Aktiengesellschaft. (See Bollmann, H., and Schwiager, assignors.)
- Hanseatische Muehlenwerke Aktiengesellschaft. (See Rewald, Bruno, assignor.)
- Hänsel, Günther, Berlin-Charlottenburg, and E. Michael, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrolytic treatment of solutions containing a high percentage of chlorine ions. 1,894,271; Jan. 17.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Coupling arrangement. 1,893,180; Feb. 21.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Oscillation generation. 1,893,181; Feb. 21.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Electro-mechanical vibrator. 1,899,503; Feb. 28.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Automatic tuning. 1,907,965; May 9.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Cooling of electron emission tubes. 1,912,769; June 6.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Aperiodic frequency selection. 1,926,097; Sept. 12.
- Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Impedance transformer. 1,926,807; Sept. 12.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling. 1,901,642; Mar. 14.
- Hansell, Clarence W., assignor to Radio Corporation of America, Port Jefferson, N. Y. Indicator. 1,920,304; Aug. 1.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Supply circuit for amplifiers. 1,921,858; Aug. 8.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Detection of frequency modulated signals. 1,922,290; Aug. 15.
- Hansell, Clarence W., assignor to Radio Corporation of America, Rocky Point, N. Y. Electromechanical resonator. 1,934,061; Nov. 7.
- Hansell, Clarence W., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Cathode ray tube detector circuits. 1,938,331; Dec. 5.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Detection of frequency modulated signals. 1,938,657; Dec. 12.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Recorder. 1,941,001; Dec. 26.
- Hansen, A. L., Mfg. Co. (See Baur, Hugo J., assignor.)
- Hansen, A. L., Mfg. Company. (See Hansen, Augie L., assignor.)
- Hansen, A. L., Mfg. Co. (See Krantz, Edward, assignor.)
- Hansen, Anton. (See Saine, L. W., and Hansen.)
- Hansen, Arthur E., assignor to Young Iron Works, Seattle, Wash. Elevator for trucks. 1,920,112; Oct. 3.
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Company, Chicago, Ill. Refrigerator doorlock. 1,919,328; July 25.
- Hansen, Augie L., assignor to A. L. Hansen Mfg. Company, Chicago, Ill. Window regulator. 1,928,423; Sept. 26.
- Hansen Canning Machinery Corporation. (See Hansen, Oswald H., assignor.)
- Hansen, Carl A., Los Angeles, Calif. Milk bottle attachment. 1,910,013; May 23.
- Hansen, Carl F. (See Smets, F. E. A., and Hansen.)
- Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Percussive drill unit. 1,893,203; Jan. 3.
- Hansen, Charles C., assignor, by direct and mesne assignments, to Specialty Sales Corporation, Limited, Los Angeles, Calif. Bolt cutter and punch. 1,897,514; Feb. 14.
- Hansen, Charles C., South Orange, N. J., assignor, by mesne assignments, to The Chase Companies, Incorporated, Waterbury, Conn. Heat exchanger. 1,938,588; Dec. 12.
- Hansen, Charles C., South Orange, N. J., assignor, by mesne assignments, to The Chase Companies, Incorporated, Waterbury, Conn. Heat exchanger. 1,938,589; Dec. 12.
- Hansen, Chris, Seattle, Wash., assignor to Continental Can Company, Inc., New York, N. Y. Mandrel for can shaping machines. 1,932,584; Oct. 31.
- Hansen, Christian J., Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, East Pittsburgh, Pa. Treating thiocyanates. 1,894,252; Jan. 10.
- Hansen, Christian J., Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Treating thiocyanates. 1,901,844; Mar. 14.
- Hansen, Christian J., Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Removing cyanide compounds from gases. 1,908,633; May 9.
- Hansen, Christian J., Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Removal of cyanogen compounds from gases. 1,924,206; Aug. 29.
- Hansen, Christian J., Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Treating thiocyanogen compounds. 1,932,819; Oct. 31.
- Hansen, Christian J., Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Removal of hydrogen sulphide and ammonia from gases. 1,932,820; Oct. 31.
- Hansen, Christian S., Medford, assignor of one-half to O. W. H. Wendler, Melrose, Mass. Mechanical movement. 1,893,621; Jan. 10.
- Hansen, Conrad T., Bywood, assignor to Hale & Kilburn Co., Philadelphia, Pa. Partition construction. 1,922,694; Aug. 15.
- Hansen, Conwall B., Brooklyn, N. Y. Interlocking joint for sectional construction. 1,940,086; Dec. 19.
- Hansen, Donald C., assignor to Erie Shores Ice Cream Company, Geneva, Ohio. Sign. Des. 90,847; Oct. 10.
- Hansen, Edmund H., New York, N. Y. Electric system for recording and reproducing sound. 1,916,510; July 4.
- Hansen, Edward H. and E. E., assignors to Elkhart Brass Mfg. Co., Elkhart, Ind. Valve. 1,936,301; Nov. 21.
- Hansen, Elwood E. (See Hansen, Edward H. and E. E.)
- Hansen, Emil E., New York, N. Y. Perpetual calendar. 1,940,859; Dec. 26.
- Hansen, Frank A., Fergus Falls, Minn. Washing machine. 1,902,165; Mar. 21.
- Hansen, Fred A., assignor to Hevi Duty Electric Company, Milwaukee, Wis. Vertical retort furnace. 1,913,386; June 13.
- Hansen, Frederick D., and H. W. Tinker, assignors, by mesne assignments, to Federal Pressed Steel Corporation, Milwaukee, Wis. Making metal covers for automobile tires. 1,937,114; Nov. 28.
- Hansen, Frederik. (See Corke, Rulof D., assignor.)
- Hansen, Friedrich C. H., Hamburg, assignor to Nier & Ehmer, Beierfeld, Germany. Coin freed automatic shooting machine. 1,917,444; July 11.
- Hansen, Hans P., Syracuse, N. Y. Mortuary record container. 1,900,708; Mar. 7.
- Hansen, Herman, Chicago, Ill. Box. 1,917,115; July 4.
- Hansen, Jens P., Copenhagen, Denmark. Apparatus for automatic multiplication of a time interval by a factor. 1,935,743; Nov. 21.
- Hansen, John, et al. (See Kokenge, Anton, assignor.)
- Hansen, John P., Elmhurst, N. Y. Support and stretching mechanism for motion picture screens. 1,901,963; Mar. 21.
- Hansen, Klaus L., Milwaukee, Wis. Dynamo-electric machine. 1,912,075; May 30.
- Hansen, Leo H. R., St. Paul, Minn. Obtuse angle joint. 1,936,234; Nov. 21.
- Hansen, Mahlin S., assignor to P. C. Reilly, Indianapolis, Ind. Froth-floatation process for slime-containing ore pulps. 1,900,850; Mar. 7.
- Hansen, Mahlin S., assignor to Peter C. Reilly, Indianapolis, Ind. Flotation method. 1,924,607; Aug. 29.
- Hansen, Merlin, assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor guide. 1,931,653; Oct. 24.
- Hansen, Merritt R. (See Johnson, G. T., and Hansen.)

- Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Apparatus for treating beans. 1,897,664; Feb. 14.
- Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Can filling machine. 1,897,665; Feb. 14.
- Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Can filling machine. 1,918,641; July 18.
- Hansen, Oswald H., assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Treating fluids. 1,935,777; Nov. 21.
- Hansen, Peter, Muskegon, Mich., assignor to The Brunswick-Balke-Coller Company, Chicago, Ill. Carom plug for tables. 1,894,989; Jan. 24.
- Hansen, Peter, assignor of one-half to Leopold Stickley, Fayetteville, N. Y. Extension leaf table. 1,927,282; Sept. 19.
- Hansen, Regner, White City, assignor of twelve per cent to A. R. Kerr, twelve per cent to D. A. Piarr, twelve per cent to D. F. Macdonald and twelve per cent to O. O. Summer, Vero Beach, Fla. Two-cycle internal combustion engine. 1,907,354; May 2.
- Hansen, Valdemar, Chicago, Ill. Picture frame. Des. 90,913; Oct. 24.
- Hansen, Vernon A. (See Tinker, J. M., and Hansen.)
- Hansen, Waldemar C., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. System for producing gypsum. 1,900,381; Mar. 7.
- Hansen, Waldemar C., Westfield, and P. C. Schroy, Elizabeth, assignors to Structural Gypsum Corporation, Linden, N. J. Accelerator for plastic masses and method of use. 1,909,465; May 16.
- Hansen, Waldemar C., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Gypsum concrete mixture. 1,923,370; Aug. 22.
- Hansen, William A., Dos Palos, Calif. Automatic shut-off for filling spouts. 1,923,574; Aug. 22.
- Hansen, William A., Dos Palos, Calif. Automatic shut-off for filling spouts. 1,930,954; Oct. 17.
- Hanser, Charles A., Detroit, and E. A. Lockwood, Royal Oak, assignors to American Electrical Heater Company, Detroit, Mich. Thermostat. 1,916,671; July 4.
- Hansgirg, Fritz, Vienna, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of hydrogen. 1,926,587; Sept. 12.
- Hanshaw, George O. (See Post, E. M., jr., and Henshaw.)
- Hanson, Anton E., Chicago, Ill. Washing machine. 1,918,809; July 18.
- Hanson, Anton M., St. Paul, Minn., assignor of one-fourth to K. I. Connelly. Tire chain. 1,925,037; Aug. 29.
- Hanson, Arthur F., assignor to Budd Wheel Company, Philadelphia, Pa. Dished artillery wheel stamping. 1,934,424; Nov. 7.
- Hanson, Casper F., assignor to Olson Manufacturing Company, Albert Lea, Minn. Device for reciprocating stanchion operating bars. 1,936,450; Nov. 21.
- Hanson, Clifford O., assignor to The Hanson Clutch & Machinery Co., Tiffin, Ohio. Clutch. 1,896,707; Feb. 7.
- Hanson Clutch & Machinery Co. (See Hanson, Clifford O., assignor.)
- Hanson, Dave, McCallsburgh, Iowa. Switch. 1,895,035; Jan. 24.
- Hanson, Emil J., assignor to U. S. Die Casting Company, Milwaukee, Wis. Air washer and humidifier. 1,899,504; Feb. 28.
- Hanson, Estyle D. (See Johnson, F. V., Hanson, and Waters.)
- Hanson, Francis G., Los Angeles, Calif. Screen door. 1,911,275; May 30.
- Hanson, Hans A., Milwaukee, Wis. Automatic gear shifting mechanism. 1,899,685; Feb. 28.
- Hanson, Hans C., and K. S. Jensen, assignors to American Gas Machine Company, Albert Lea, Minn. Tray holder for ovens. 1,941,301; Dec. 26.
- Hanson, Harold J. (See Levy, B., and Hanson.)
- Hanson, Harry R., San Francisco, Calif. Dump body for trucks and the like. 1,921,291; Aug. 8.
- Hanson, Howard V., Walla Walla, Wash. Wear loop and box loop. 1,923,371; Aug. 22.
- Hanson, Hugh H., Philadelphia, and G. Craven, Conshohocken, assignors to W. C. Hamilton and Sons, Miquon, Pa. Rotary linen finish calendar. 1,929,355; Oct. 3.
- Hanson, John E., Richmond, Va. Aeroplane. 1,930,199; Oct. 10.
- Hanson, Larry A., and C. F. Osner, Altoona, Pa. Float valve. 1,903,816; Apr. 18.
- Hanson, Malcolm P., Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Integrating relay circuit. 1,933,976; Nov. 7.
- Hanson, Martin, Chicago, Ill. Combination radio cabinet and bookcase. Des. 90,529; Aug. 22.
- Hanson, Martin J. (See Poinier, A. B., and Hanson.)
- Hanson, Martin J., Oak Park, assignor to Electra Corporation, Chicago, Ill. Synchronous motor drive for clock trains. 1,925,835; Sept. 5.
- Hanson, Maynard D., Portland, Me. Photographic border-printing frame. 1,929,816; Oct. 10.
- Hanson, Melvin F., Boston, assignor of one-half to Morris Moshin, Dorchester, Mass. Combination razor and blade stropping holder. 1,932,458; Oct. 31.
- Hanson, Miles G. (See Babitch, A. M., and Hanson.)
- Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company. Ozone applicator. 1,924,120; Aug. 29.
- Hanson, Nathan E., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for sewing machines. 1,903,762; Apr. 18.
- Hanson, Norman D., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Phenol-furfural resin and making the same. 1,917,248; July 11.
- Hanson & Orth. (See Worden, Edward C., 1st.)
- Hanson, Oscar B., Long Island City, N. Y., assignor to Radio Corporation of America. Acoustics. 1,896,844; Feb. 7.
- Hanson, Perren J., assignor, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Combined harvester, thresher, and separator. 1,905,091; Apr. 25.
- Hanson, Roy E., Huntington Park, Calif. Differential pressure device. 1,921,567; Aug. 8.
- Hanson Scale Company. (See Budlong, Robert D., assignor.)
- Hanson Scale Company. (See Hanssen, Stan L., assignor.)
- Hanson Scale Company. (See Schmid, Albert A., assignor.)
- Hanson-Van Winkle-Munning Company. (See Hall, Wesley F., assignor.)
- Hanson-Van Winkle-Munning Company. (See Hogaboom, G. B., and Diggins, assignors.)
- Hanson-Van Winkle-Munning Company. (See Neu, W. L., and Cheney, assignors.)
- Hanson, Victor F. (See Jakosky, J. J., and Hanson.)
- Hanson, Walter M., assignor to American Seating Company, Grand Rapids, Mich. Drawer construction. 1,900,338; Mar. 7.
- Hanson, Walter M., assignor to American Seating Company, Grand Rapids, Mich. Seat. 1,906,061; Apr. 25.
- Hanson-Whitney Machine Company, The. (See Kaufmann, Wilhelm, assignor.)
- Hanssen, Stan L., assignor to Hanson Scale Company, Chicago, Ill. Weighing scale. 1,902,233; Mar. 21.
- Hantzsch, Ralph E., et al. (See Whittaker, James L., assignor.)
- Hanzlik, Paul P., San Mateo, Calif., assignor to the Board of Trustees of the Leland Stanford Junior University. Neurosyphilis treatment and material therefor. 1,927,210; Sept. 19.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Bearings for rotary vacuum pumps. 1,906,464; May 2.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 1,910,830; May 23.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 1,911,618; May 30.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Electric pulsator for milking machines. 1,914,122; June 13.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine. 1,914,123; June 13.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Vacuum milk receiver. 1,928,424; Sept. 26.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Apparatus for distilling dry cleaners' solvent. 1,935,183; Nov. 14.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milking machine teat cup. 1,935,184; Nov. 14.
- Hapkins, Dimitri N., assignor of twenty per cent to Margaret A. Kerr, and ten per cent to Clarence L. Kincaid, Los Angeles, Calif. Rotary pump. 1,913,758; June 13.
- Hapkins, Dimitri N., assignor of twenty per cent to M. A. Kerr, and ten per cent to C. L. Kincaid, Los Angeles, Calif. Rotary engine. 1,922,363; Aug. 15.
- Happ, Willard C., assignor to The Studebaker Corporation, South Bend, Ind. Abrasive disk. 1,899,959; Mar. 7.
- Happel, Albert, Toledo, Ohio, assignor, by mesne assignments, to United States Quarry Tile Company, Parkersburg, W. Va. Machine for truing tile. 1,920,076; July 25.
- Happel, Albert, assignor to Kent Owens Machine Company, Toledo, Ohio. Self adjusting feed mechanism for machine tools. 1,928,489; Sept. 26.
- Happy, Harrison G., San Jose, Calif. Automobile signal. 1,934,306; Nov. 7.
- Harada, Henry H., assignor to A C Spark Plug Company, Flint, Mich. Gearless type pressure gauge. 1,937,888; Dec. 5.
- Haradon, Fritz H., Pasadena, Calif. Ant jar. 1,925,187; Sept. 5.
- Haraldson, Olaf, Minot, N. Dak. Composition of matter for use in treatment of diseases of the skin. 1,920,639; Aug. 1.
- Harbaugh, Brent W., and C. J. Smith, assignors to Elite Manufacturing Company, Ashland, Ohio. Pushing and pulling implement. 1,916,476; July 4.
- Harbecke, Herman H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic charging and voltage regulating system. 1,897,800; Feb. 14.

- Harbert, Victor H., assignor to Transerv Corporation, Chicago, Ill. Brake shoe wedge means. 1,910,541; May 23.
- Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Locking means. 1,915,417; June 27.
- Haroum, Charles B., assignor to Atlanta Metallic Casket Co., Atlanta, Ga. Casket. Des. 90,714; Sept. 19.
- Harrison, Dixon T., assignor to Petroleum Equipment Company, Fort Worth, Tex. Valve. 1,935,978; Nov. 21.
- Harbord, Frank W. and V., London, England. Manufacture of metal billets, bars, and the like. 1,928,562; Sept. 26.
- Harbord, Vernon. (See Harbord, F. W. and V.)
- Harbottle, William, Walkerville, Ontario, Canada, and T. F. Macfarlane, Detroit, Mich. Furniture. 1,930,955; Oct. 17.
- Harbour, Arthur L., and H. Albrecht, Portland, Oreg. Lawn edger. 1,916,725; July 4.
- Harbridge, Chester C., Detroit, Mich. Nut lock. 1,918,263; July 18.
- Harcawo Societe Anonyme. (See Wellfens, Emile J., assignor.)
- Harcharick, Emro, Wilkes Barre, Pa. Hand drill. 1,895,990; Jan. 31.
- Harcourt, George T., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Power apparatus. 1,940,087; Dec. 19.
- Harcourt, Guy N., Larchmont, assignor, by mesne assignments, to Alco Products Incorporated, New York, N. Y. Recovering drip oil from certain residuums. 1,901,238; Mar. 14.
- Hard, Malcolm, Calumet City, Ill., assignor to The Superheater Company, New York, N. Y. Superheater. 1,941,260; Dec. 26.
- Hardage, Clarence A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Single pole double throw quick make and break switch. 1,922,696; Aug. 15.
- Harden, Stephen W. (See Morgan, R. M., and Harden.)
- Hardenbergh, Clarence M. (See Sasse, Arno K., assignor.)
- Hardenbrook, Charles E., Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating die. 1,920,258; Aug. 1.
- Harder, Herman A., Milwaukee, Wis. Bottle Capping machine. 1,919,060; July 18.
- Harder, John F., Omaha, Nebr. Detent for window sashes. 1,905,983; Apr. 25.
- Harder, Max. (See Dietrich, W., and Harder.)
- Harder, Max, and W. Dietrich, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of a crude hydrocarbon. 1,935,207; Nov. 14.
- Harders, Conrad F., and R. A. Link, assignors to The L. A. Young Company, Detroit, Mich. Golf club. 1,931,758; Oct. 24.
- Hardester, William T., Pittsburgh, Pa. Seat. 1,934,307; Nov. 7.
- Hardgrove, Ralph M. (See Bailey, E. G., and Hardgrove.)
- Hardgrove, Ralph M., Bethlehem, Pa., assignor to Bailey Meter Company. Control mechanism for furnaces. 1,914,949; June 20.
- Harding, Brooks B., assignor to G. L. Brown, sr., Los Angeles, Calif. Condensed cataloging and projecting machine. 1,918,468; July 18.
- Harding, Charles E., assignor to Whitinsville Spinning Ring Company, Whitinsville, Mass. Ring holder. 1,920,386; Aug. 1.
- Harding, Charles P., Montreal, Quebec, and J. A. Shaw, Westmount, Quebec, Canada. Pipe support. 1,906,209; Apr. 25.
- Harding, Frank B., and B. L. Palmer, Portland, Oreg. Revolving display sign. 1,930,048; Oct. 10.
- Harding, Franklin T., Melrose, Mass. Condenser. 1,893,366; Jan. 3.
- Harding, Franklin T., Arlington, Mass., assignor, by mesne assignments, to Frosted Foods Company, Inc., Dover, Del. Refrigerating method and apparatus. 1,930,678; Oct. 17.
- Harding, Glen F., Ogden, Utah. Drink mixer with ultra-violet ray attachments. 1,898,365; Feb. 21.
- Harding, Howard V. (See Weidhaas, G. A., Clark, and Harding, assignors.)
- Harding, John M., New Brunswick, assignor to Nixon Nitration Works, Nixon, N. J. Inspection device for airplanes. 1,932,342; Oct. 24.
- Harding, John W., Brockway, Pa. Bottle blowing machine. 1,927,438; Sept. 19.
- Harding, John W., Brockway, Pa., assignor to Brockway Machine Bottle Company. Apparatus for feeding molten glass. 1,934,676; Nov. 7.
- Harding, Milo M. (See Simonsen, Irving P., assignor.)
- Harding, Milo M. (See Simonsen, I. P., and Jacobsen, assignors.)
- Harding, Milo M., Los Angeles, Calif. Stenciling machine. 1,928,223; Sept. 26.
- Harding, Wilfred M. (See Lowry, M. F., and Harding.)
- Harding, Wilfred M., assignor to The Hoover Company, North Canton, Ohio. Advertising display device. 1,928,935; Oct. 3.
- Harding, William R. (See Eames, W. F., and Harding.)
- Harding, William R. (See King, G. E., McShane, Cooper, and Harding.)
- Hardinge Company. (See Hardinge, Harlowe, assignor.)
- Hardinge Company. (See Mason, John L., assignor.)
- Hardinge Company. (See Withington, William H., assignor.)
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Measuring feeding mechanism. 1,908,238; May 9.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Apparatus for feeding pulverized fuel. 1,914,828; June 20.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Rotary wet classifier. 1,917,300; July 11.
- Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Apparatus for preparing and conveying pulverized fuel. 1,933,111; Oct. 31.
- Hardisty, Rupert W., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Loudspeaker. 1,905,702; Apr. 25.
- Hardman, Albert F., assignor to Kelly-Springfield Tire Company, Cumberland, Md. Accelerator for rubber vulcanization. 1,939,692; Dec. 19.
- Hardman, Frederick J., and W. Spruegel, Dayton, Ohio, assignors to Delco-Remy Corporation, Anderson, Ind. Commutator assembling machine. 1,899,325; Feb. 28.
- Hard Metal Alloys, Inc. (See Krusell, Carl A., assignor.)
- Hardoll (Etablissements Hariveau & Dolimier, et René Porte & Cie reunits). (See Porte, René, assignor.)
- Hardt, Karl, Munkendorf, Germany. Wheel brake for motor vehicles. 1,939,299; Dec. 12.
- Hardtke, Edward J., assignor to Seaman Body Corporation, Milwaukee, Wis. Sliding window construction. 1,907,798; May 9.
- Hardtke, Edward J., assignor to Seaman Body Corporation, Milwaukee, Wis. Window operator. 1,907,799; May 9.
- Hardtmann, Max. (See Hentrich, W., and Hardtmann.)
- Hardtmann, Max. (See Hentrich, W., Hardtmann, and Backes.)
- Hardtmann, Max. (See Hentrich, W., Hardtmann, Backes, and Stötter.)
- Hardtmann, Max. (See Thaus, A., and Hardtmann.)
- Hardtmann, Max, Wiesdorf-on-the-Rhine, W. Schepss, Leverkusen-on-the-Rhine, and E. Tietze, Cologne-on-the-Rhine, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing boron trifluoride. 1,898,532; Feb. 21.
- Hardwick, Ambrose H., East Orange, assignor to Hardwick, Hindle, Inc., Newark, N. J. Contact device for resistors. 1,919,061; July 18.
- Hardwick, Hindle, Inc. (See Crouse, George B., assignor.)
- Hardwick, Hindle, Inc. (See Hardwick, Ambrose H., assignor.)
- Hardwick Stove Company. (See Hurt, Robert B., assignor.)
- Hardy, Arthur C., Wellesley, Mass., assignor to General Electric Company. Sound record film and film printing apparatus. 1,904,449; Apr. 18.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Treatment of highly reactive metals. 1,915,788; June 27.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Treatment of metals. 1,922,037; Aug. 15.
- Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Company. Stainless metal. 1,922,038; Aug. 15.
- Hardy, Charles, Pelham Manor, and D. M. Scott, Buffalo, N. Y. Treatment of metals. 1,915,824; June 27.
- Hardy, Ernest Arthur. (See Bersey F. T., Hardy, and Newson.)
- Hardy, Frank H., Andover, Mass. Dabbing brush. 1,919,786; July 25.
- Hardy, Henry F., Ottawa, Ontario, Canada. Sleeping bag and the like. 1,893,548; Jan. 10.
- Hardy, James H., Crawford, Miss. Tire pressure indicator. 1,918,035; July 11.
- Hardy, James H., Columbus, Miss. Shock absorber. 1,936,788; Nov. 28.
- Hardy, John I., Washington, D. C., dedicated to the free use of the public. Device for rapidly making cross sections of fibers. 1,940,590; Dec. 19.
- Hardy Metallurgical Company. (See Hardy, Charles, assignor.)
- Haray, Peter S., Stratford, Conn., assignor to Health Developing Apparatus Company, Inc., New York, N. Y. Exercise machine. 1,905,092; Apr. 25.
- Hardy, William A., & Sons Co. (See Haley, Walter S., assignor.)
- Harford, Charles G., Quincy, Mass., assignor to The Philadelphia & Reading Coal & Iron Company, Philadelphia, Pa. Coating and coating composition. 1,902,642; Mar. 21.
- Hargrave, John M., Cincinnati, Ohio. Clamp and manufacturing the same. 1,918,469; July 18.
- Hargrave, John M., Cincinnati, Ohio. Clamp-tightening machine. 1,930,343; Oct. 10.
- Hargraves, Albert, assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Balloon tire. 1,922,291; Aug. 15.
- Hargraves, James N., assignor to American Tool and Machine Company, Hyde Park, Mass. Method of and apparatus for use in drying. 1,938,332; Dec. 5.
- Hargreaves, Henry, assignor to Hargreaves and Marshall, Providence, R. I. Bracelet and making the same. 1,935,504; Nov. 14.

- Hargreaves, Herbert, assignor to J. W. Watson, Philadelphia, Pa. Motor vehicle brake. 1,920,078; July 25.
- Hargreaves and Marshall. (See Hargreaves, Henry, assignor.)
- Hargrove, Clarence A., Acton, Ind. Electromagnetic tool. 1,904,224; Apr. 18.
- Hargrove Company, The. (See Bergstrom, H. G., and Martin, assignors.)
- Hargroves, Willis W., Portsmouth, Va. Basket cover fastener. 1,900,810; Mar. 7.
- Hargroves, Willis W., Portsmouth, Va. Wire bound crate. 1,906,907; May 2.
- Hargroves, Willis W., assignor to Planters Manufacturing Company, Inc., Portsmouth, Va. Container. 1,915,227; June 20.
- Harker, Sarah B., Rocky River, Ohio. Presser foot for sewing machines. 1,934,190; Nov. 7.
- Harkin, Harry E., Ridgefield, N. J., assignor of one-half to G. R. King, New York, N. Y. Picture and talking machine. 1,933,057; Oct. 31.
- Harkins, Henry H., River Edge, N. J., assignor to The Nausatuck Chemical Company, Nausatuck, Conn. Vulcanization of rubber. 1,912,448; June 6.
- Harkins, Tony E., assignor of one-half to J. M. Hagen, Saginaw, Mich. Gagger. 1,928,055; Sept. 26.
- Harkness, Alfred S., Jr., Narberth, Pa. Container and quick detachable sealing cap. 1,933,260; Oct. 31.
- Harkness, Andrew M., Nyack, assignor to General Chemical Company, New York, N. Y. Apparatus for treating gas. 1,918,966; July 18.
- Harkness, Andrew M., Nyack, assignor to General Chemical Company, New York, N. Y. Filter. 1,921,296; Aug. 8.
- Harkness, Andrew M., Nyack, assignor to General Chemical Company, New York, N. Y. Filter. 1,926,995; Sept. 12.
- Harkness, Lloyd A., and S. L. Neely, Kansas City, Kans. Sight level. 1,939,167; Dec. 12.
- Harkan, Thomas R., Tomkinsville, N. Y. Wheel for vehicles and airplanes. 1,923,975; Aug. 22.
- Harland, Albert T., Detroit, Mich., assignor to The Cincinnati Tool Company, Norwood, Ohio. Bench block. 1,923,620; Aug. 22.
- Harless, Charles A. (See Crafts, C. S., and Harless.)
- Harley, Bertron G., assignor to E. B. Harley, Saco, Maine. Exhaust muffler for internal combustion engines. 1,922,848; Aug. 15.
- Harley, Edna B. (See Harley, Bertron G., assignor.)
- Harley, Erskine P., Oklahoma City, Okla. Ventilated cushion. 1,911,276; May 30.
- Harley, John, Glasgow, Scotland, assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Index center. 1,906,062; Apr. 25.
- Harley, John B. (See Gibson, R. D., and Harley.)
- Harley, Lee M. (See Matthews, J. H., and Harley.)
- Harley, Stanley J., Coventry, England. Electric distant recording apparatus. 1,908,347; May 9.
- Harley, Thomas J., Chicago, Ill. Magnetic rotor. 1,925,636; Sept. 5.
- Harlow, Guy, Union, Ohio. Window screen. 1,913,077; June 6.
- Harlow, Ivan F., I. A. Kenaga, and G. F. Dressel, assignors to The Dow Chemical Company, Midland, Mich. Continuous process of preparing liquid bromide. 1,902,801; Mar. 21.
- Harlow, Woodward L., Waban, Mass., and H. S. Evernag, Tarrytown, assignors to A. C. Horn Sales Corporation, New York, N. Y. Waterproofing masonry. 1,909,763; May 16.
- Harm, George O., Warren, and R. R. McBride, Cleveland, assignors to The Stevens Metal Products Company, Niles, Ohio. Dumping receptacle. 1,924,927; Aug. 29.
- Harman, Frank B., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Folding card or like tables. 1,905,862; Apr. 25.
- Harman, Harold W., Wauwatosa, assignor to Magnetic Manufacturing Company, Milwaukee, Wis. Magnetic separator. 1,915,259; June 20.
- Harman, Hugh, and R. C. Ising, Los Angeles, Calif. Doll. Des. 89,340; Feb. 28.
- Harman, Hyde A., U. S. Navy, assignor of one-fifth to E. W. Sylvester, Alexandria, La. Automatic steersman. 1,927,935; Sept. 26.
- Harman, Marion W., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 1,941,146; Dec. 26.
- Harman, Singsby D., Woodhull, Ill. Power mower. 1,894,312; Jan. 17.
- Harmon, Arthur R., La Grange, Ill. Musical instrument. 1,924,854; Aug. 29.
- Harmon, Frank L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Needle for forming an ornamental seam. 1,935,121; Nov. 14.
- Harmon, James B., Helena, Mont. Safety razor. 1,908,016; May 9.
- Harmon, John B. (See Wiener, J. A., and Harmon.)
- Harmon, Kenneth A., Springfield, assignor to Wico Electric Company, West Springfield, Mass. Magneto. 1,904,308; Apr. 18.
- Harmon, Ralph N., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Heating system. 1,924,928; Aug. 29.
- Harmon, Ralph N., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency multiplier. 1,936,789; Nov. 28.
- Harms, Albert G., Chicago, Ill. Burial casket bed. 1,934,425; Nov. 7.
- Harmsen, John L., Flint, Mich. Ice cream cone or similar article. Des. 89,341; Feb. 28.
- Harnden, Edwin C., Waverly, N. Y. Sharpener for sharpening blades of lawn mowers or shears. 1,892,667; Jan. 3.
- Harnel, Arthur P., assignor to Rising Sun Embroidery Works, Inc., Roversford, Pa. Stocking frame for embroidering machines. 1,917,935; July 11.
- Harner, Richard E., Los Angeles, Calif. Oil well drill. 1,932,891; Oct. 31.
- Harnett, A. De Vere, Racine, Wis. Rowing machine. 1,916,883; July 4.
- Harnett, Lewis D., assignor, by mesne assignments, to The Buckeye Blower Company, Columbus, Ohio. Dampener. 1,915,994; June 27.
- Harnischfeger Corporation. (See Andersen, Nils P. E., assignor.)
- Harnischfeger Corporation. (See Brown, Robert L., assignor.)
- Harnischfeger Corporation. (See Harnischfeger, Walter, assignor.)
- Harnischfeger Corporation. (See Lexa, George J., assignor.)
- Harnischfeger Corporation. (See Wadd, Roy J., assignor.)
- Harnischfeger, Walter, assignor to Harnischfeger Corporation, Milwaukee, Wis. Apparatus for handling and storing. 1,938,658; Dec. 12.
- Harnly, David H., Chicago, Ill. Weather-proofing structure for doors. 1,904,368; Apr. 18.
- Harnly, David H., Chicago, Ill. Weather strip. 1,915,278; June 27.
- Harnsberger, Audley E., assignor to The Pure Oil Company, Chicago, Ill. Treating an oil-gas. 1,900,057; Mar. 7.
- Harnsberger, Audley E., assignor to The Pure Oil Company, Chicago, Ill. Gas gathering system. 1,918,100; July 11.
- Harnsberger, Audley E., assignor to The Pure Oil Company, Chicago, Ill. Method and apparatus for storing hydrocarbon motor fuels. 1,930,592; Oct. 17.
- Harnsberger, Audley E., and A. L. Christy, assignors to The Pure Oil Company, Chicago, Ill. Apparatus for refining hydrocarbon oil. 1,897,389; Feb. 14.
- Harnsberger, Audley E., and C. L. Smith, Chicago, Ill., assignors to Gyro Process Company, Detroit, Mich. Heating oil. 1,901,592; Mar. 14.
- Harnsberger, Audley E., and C. L. Smith, Chicago, Ill., assignors to Gyro Process Company, Detroit, Mich. Converting heavy hydrocarbons into lighter hydrocarbons. 1,901,593; Mar. 14.
- Harnsberger, Audley E., and C. L. Smith, Chicago, Ill., assignors to Gyro Process Company, Detroit, Mich. Treating hydrocarbon oils. 1,927,829; Sept. 26.
- Harnsberger, Audley E., and C. B. Watson, assignors to The Pure Oil Company, Chicago, Ill. Vaporizing oil. 1,928,102; Sept. 26.
- Haroldson, Arthur H. (See Howard, L. L., and Haroldson.)
- Haroldson, Arthur H. (See Richards, B. H. F., and Haroldson.)
- Harper, Arthur L., Altadena, Calif. Brake control means. 1,898,625; Feb. 21.
- Harper, Charles S. (See Fortman, Gustave D., assignor.)
- Harper, Clair C., Rochester, and E. F. Kitenbaugh, Oneida, assignors to Error No Inc., Little Falls, N. Y. Copy holder. 1,919,429; July 25.
- Harper, Donald A. (See Damarin, F. L., and Harper.)
- Harper, Elmer E., Kansas City, Mo. Lime slaking apparatus. 1,920,905; Aug. 1.
- Harper, Elmer E., Kansas City, Mo. Liquid feeding and measuring apparatus. 1,929,243; Oct. 3.
- Harper, Florence, Port Washington, N. Y. Wave saving cap. 1,920,387; Aug. 1.
- Harper, George W., assignor to The Columbia Axle Company, Cleveland, Ohio. Axle. Re18,708; Jan. 3.
- Harper, Harry, Minneapolis, Minn. Coffee making machine. 1,903,111; Mar. 28.
- Harper, James A., Supply Company, The. (See Shroyer, Alva J., assignor.)
- Harper, James G. (See Newman, S. F., and Harper.)
- Harper, James R., Long Beach, Calif. Flood signal alarm. 1,907,320; May 2.
- Harper, Percy S., Croydon, England. Magnetic coin detector mechanism. 1,926,482; Sept. 12.
- Harper, Philip S., Chicago, Ill. Burner. 1,896,082; Feb. 7.
- Harper, Philip S., Chicago, Ill. Air shutter for double gas range burners. 1,932,016; Oct. 24.
- Harper, Robert W., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,903,998; Apr. 18.
- Harper, Robert W., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,914,124; June 13.
- Harper, Samuel R., Waco, Tex., assignor to Clifton Manufacturing Company. Handle extension. 1,916,793; July 4.
- Harper, Thomas E., jr., and G. Reinberg, jr., La Oroya, Peru, assignors to Cerro De Pasco Copper Corporation, New York, N. Y. Refining of lead alloys. 1,913,985; June 13.
- Harper, Walter A., Newark, N. J. Soap manufacture. 1,912,637; June 6.

- Harper, William, jr., Port Washington, N. Y. Piston. 1,916,978; July 4.
- Harper, William, jr., Port Washington, assignor to Super-Marine Systems, Inc., New York, N. Y. Aircraft propulsion. 1,911,567; May 30.
- Harper, William, jr., Port Washington, assignor to American Gas Turbine Corporation, New York, N. Y. Combustion engine. 1,912,638; June 6.
- Harper, William, jr., Port Washington, N. Y., and E. B. Kerekes, Paterson, N. J., assignors to American Gas Turbine Corporation, New York, N. Y. Mechanical movement. 1,909,271; May 16.
- Harper, William A. (See Frank, H. J. L., Messing, and Harper.)
- Harper, William E., Chicago, Ill. Dental matrix holder jaw. 1,908,145; May 9.
- Harper, Worthy C., Caldwell, Ohio. Pumping system and apparatus therefor. 1,899,460; Feb. 28.
- Harpster, Bert, Beatrice, Nebr. Eyeshade. 1,918,264; July 18.
- Harpster, Clayton H., Elyria, Ohio. Stocking. 1,924,433; Aug. 29.
- Harpster, Clyde C., Madison Township, Richland County, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Liquid infusion device. 1,916,369; July 4.
- Harpster, Walter C., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for ejecting soot and dust. 1,939,394; Dec. 12.
- Harrah, John. (See Duer, Edward C., assignor.)
- Harrell, Arthur C., Pensacola, Fla. Automatic train pipe coupling. 1,936,015; Nov. 21.
- Harrell, Billington C., San Antonio, Tex. Firefly. 1,900,339; Mar. 7.
- Harrell, Ernest A., assignor to Levin-Forman Corporation, New York, N. Y. Textile fabric. Des. 90,530; Aug. 22.
- Harrell, Joseph W., Baytown, Tex., assignor to Standard Oil Development Company. Treating hydrogen-sulphide containing gases. 1,915,364; June 27.
- Harrell, S. Golson. (See Laufermilk, Jerome D., assignor.)
- Harrelson, Allen M., assignor to The Hobart Manufacturing Company, Troy, Ohio. Centrifugal switch. 1,910,245; May 23.
- Harrer, Ellery E., Troy, Pa. Electric automatic valve. 1,928,376; Sept. 26.
- Harries, Arthur W., Twickenham, England. Apparatus for numbering paper sheets. 1,940,669; Dec. 26.
- Harries, John H. O., Frinton-on-Sea, England. Method and apparatus for the recording and projection of pictures, images, and the like. 1,921,464; Aug. 8.
- Harries, Wolfgang, Jena, Germany, assignor to General Electric Company. Contact rectifier. 1,905,703; Apr. 25.
- Harrigan, Harold W., Melrose, assignor to Hersey Manufacturing Company, Boston, Mass. Starch conditioning mechanism and time lag control therefor. 1,896,359; Feb. 7.
- Harriman, James H., San Francisco, Calif. Printing face forming apparatus. 1,912,707; June 6.
- Harriman, Stanley R., Salem, Mass. Paper file. 1,898,533; Feb. 21.
- Harrington, Alfred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole edge waxing machine. 1,915,928; June 27.
- Harrington, Earl E., Washington, D. C., assignor to M. Hain, Los Angeles, Calif. Catamenial bandage holder. Des. 18,939; Sept. 5.
- Harrington, Elliott D., Schenectady, N. Y., assignor to General Electric Company. Temperature control device for oil burners. 1,932,269; Oct. 24.
- Harrington, Ertle L., Saskatoon, Saskatchewan, Canada, assignor to Central Scientific Company, Chicago, Ill. Laboratory support. 1,893,799; Jan. 10.
- Harrington, Ferris T. (See Breeler, W. R., and Harrington.)
- Harrington, Ferris T., assignor to Whitman & Barnes, Incorporated, Detroit, Mich. Tool holder. 1,899,326; Feb. 28.
- Harrington, Ferris T., assignor to Whitman & Barnes, Incorporated, Detroit, Mich. Tool. 1,914,501; June 20.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 1,901,643; Mar. 14.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Blow-out preventer. 1,910,161; May 23.
- Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Apparatus for lowering pipes in wells. 1,919,510; July 25.
- Harrington, George G., Houston, Tex., and D. L. Del Homme, Oklahoma City, Okla., assignors to Reed Roller Bit Company, Houston, Tex. Drill. 1,940,415; Dec. 19.
- Harrington, John W., assignor to Harrington & Richardson Arms Company, Worcester, Mass. Cylinder construction for firearms. 1,904,730; Apr. 18.
- Harrington, Joseph, Riverside, assignor to Joseph Harrington Company, Harvey, Ill. Apparatus for and method of heat treating ceramic materials. 1,906,465; May 2.
- Harrington, Joseph, Riverside, assignor to Joseph Harrington Company, Harvey, Ill. Heat treating ceramic materials. 1,927,830; Sept. 26.
- Harrington, Joseph, Company. (See Harrington, Joseph, assignor.)
- Harrington & King Perforating Company. (See Schneider, Oscar K., assignor.)
- Harrington, Norman T., Cleveland, Ohio. Rear vision device for closed body automobiles. 1,907,800; May 9.
- Harrington, Norman T., Cleveland, Ohio. Antislip piston. 1,910,915; May 23.
- Harrington, Norman T., Cleveland, Ohio. Piston ring. 1,910,916; May 23.
- Harrington, Norman T., Cleveland, Ohio. Piston ring. 1,910,917; May 23.
- Harrington & Richardson Arms Company. (See Harrington, John W.)
- Harrington, William H., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electrical connector. 1,924,036; Aug. 22.
- Harris, Albert, Toronto, Ontario, Canada. Luggage carrier. 1,894,464; Jan. 17.
- Harris, Albert, Massillon, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Guide for rolling mills. 1,922,803; Aug. 15.
- Harris, Albert V., Bloomfield, N. J., and W. A. Wissler, Jackson Heights, N. Y., assignors to Haynes Stellite Company. Production of castings having wear-resistant inserts. 1,926,770; Sept. 12.
- Harris, Allyn, Wheaton, Ill., assignor to Safety Mining Company. Blasting cartridge. 1,905,863; Apr. 25.
- Harris, Arch W. (See Charlesworth, S. I., and Harris.)
- Harris, Archer H., administrator. (See Harris, Howard C.)
- Harris, Arthur W., Toledo, Ohio, assignor to General Motors Corporation, Detroit, Mich. Transmission shifting mechanism. 1,897,841; Feb. 14.
- Harris, Arthur W. D., New York, N. Y., assignor to Patent Engineering Corporation. Loud speaker. 1,932,459; Oct. 31.
- Harris, Benjamin R. (See Beckert, C. J., Kritchevsky, and Harris.)
- Harris, Benjamin R. (See Epstein, A. K., and Harris.)
- Harris, Benjamin R. (See Kritchevsky, W., Harris, and Beckert.)
- Harris, Benjamin R., Chicago, Ill. Hydrating desiccated materials and product. 1,907,801; May 9.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,249; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,250; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,251; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,252; July 11.
- Harris, Benjamin R., Chicago, Ill. Margarine and producing the same. 1,917,254; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,255; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,256; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,257; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,258; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,259; July 11.
- Harris, Benjamin R., Chicago, Ill. Emulsion. 1,917,260; July 11.
- Harris, Benjamin R., C. J. Beckert, and W. Kritchevsky, Chicago, Ill. Stabilized egg product. 1,924,990; Aug. 29.
- Harris, Carl C., assignor to Rivet-o Mfg. Co., Orange, Mass. Stencil ink roller. 1,938,904; Dec. 12.
- Harris, Carl C., and H. W. Cadwell, Orange, Mass.; said Cadwell assignor to said Harris. Float. 1,908,420; May 9.
- Harris, Carroll, Luling, Tex. Holder. 1,894,488; Jan. 17.
- Harris, Charles E. (See King, W. S., Barliak, and Harris.)
- Harris, Charles Roberts, Niagara Falls, assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Stabilization of halogenated hydrocarbons. 1,904,450; Apr. 18.
- Harris, Charles W., Michigan City, Ind., assignor, by mesne assignments, to Pullman Car & Manufacturing Corporation. Journal box waste roll winding machine. 1,905,464; Apr. 25.
- Harris, Clara F., Kansas City, Mo. Waving human hair. 1,932,519; Oct. 31.
- Harris, Clarence P., assignor to Schwarz Laboratories, Inc., New York, N. Y. Method and apparatus for analysis. 1,907,103; May 2.
- Harris, Claude J. (See Fischer, J. J., Zorn, and Harris.)
- Harris, Cleo, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Grease gun casing. Des. 89,399; Mar. 7.
- Harris, D. P., Manufacturing Co. (See Carlson, Oscar A., assignor.)
- Harris, De Witt C., Lakeland, Fla. Record carrying or memorandum device. 1,903,454; Apr. 11.
- Harris, Donald R. and O. W. Knauss, assignors to Program Service Company, St. Paul, Minn. Transmission system for sound-carrying currents. 1,908,896; May 16.
- Harris, Donald R., and O. W. Knauss, assignors to Program Service Company, St. Paul, Minn. Transmission system for sound carrying currents. 1,919,719; July 25.

- Harris, Edward M., San Diego, Calif. Wire reel. 1,904,256; Apr. 18.
- Harris, Emile J., Atlanta, Ga. Life preserver. 1,932,585; Oct. 31.
- Harris, Floyd E., Flint, assignor to General Motors Corporation, Detroit, Mich. Fuel control valve. 1,909,673; May 16.
- Harris, Ford W., assignor to Big Rock Ranch Company, Los Angeles, Calif. Side-loading hearse with fixed turntable. 1,893,739; Jan. 10.
- Harris, Ford W., assignor to Patco, Inc., Los Angeles, Calif. Reclosing circuit interrupter. 1,901,512; Mar. 14.
- Harris, Ford W., assignor to Patco, Inc., Los Angeles, Calif. Rotary jar. 1,901,513; Mar. 14.
- Harris, Ford W., assignor to Big Rock Ranch Company, Los Angeles, Calif. Side-loading hearse with swivel platform and operating mechanism. 1,909,673; May 16.
- Harris, Frank D., assignor to Flexo Automatic Sign Company, Denver, Colo. Sign. 1,906,960; May 2.
- Harris, Frederic R., New York, N. Y. Sheet piling. 1,937,758; Dec. 5.
- Harris, George, San Francisco, Calif. Drum-head tightening device. 1,899,461; Feb. 28.
- Harris, George H., Auckland, New Zealand. Golf bag. 1,904,731; Apr. 18.
- Harris, Gordon D., Sound Beach, assignor to The Industrial Dryer Corporation, Stamford, Conn. Transportation and holding the tobacco and similar materials. 1,919,107; July 18.
- Harris, Henry, London, England. Apparatus for casting metals. 1,903,897; Apr. 18.
- Harris, Henry H., Detroit, Mich. Furnace for heat treatment of metal sheets. 1,910,390; May 23.
- Harris, Henry H., Detroit, Mich. Metal coated refractory material and making the same. 1,911,189; May 30.
- Harris, Henry H., Detroit, Mich. Conveyor for use in heat treating furnaces. 1,922,039; Aug. 15.
- Harris, Henry J., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shielding. 1,933,261; Oct. 31.
- Harris, Herbert, assignor to A. O. Smith Corporation, Milwaukee, Wis. Refining ferrous metals. 1,920,465; Aug. 1.
- Harris, Howard C., deceased; A. H. Harris, administrator, assignor, by mesne assignments, to The First-Central Trust Company, Akron, Ohio. Pivotal connection. 1,917,797; July 11.
- Harris, Hyman H., Philadelphia, Pa. Surgical instrument. 1,918,700; July 18.
- Harris, Ida H., (See Weinstein, W., and Harris.)
- Harris, Irving C., Los Angeles, Calif. Drilling machine. 1,897,121; Feb. 14.
- Harris, James C., (See Hughes, E. R., and Borwick, assignors.)
- Harris, James E., Central City, Nebr. Carburetor. 1,920,174; Aug. 1.
- Harris, Jesse, deceased, La Fayette, Ind., by Waters-Genter Company, assignee, Minneapolis, Minn. Cooking utensil. Re18,923; Aug. 22.
- Harris, John E. G., (See Barnes, R. S., Harris, and Thomas.)
- Harris, John E. G., (See Barnes, R. S., Harris, Wylam, and Thomas.)
- Harris, John E. G., (See Morton, J., Jones, Wylam, and Harris.)
- Harris, John E. G., Carlisle, England, assignor to Scottish Dyes, Limited, Grangemouth Scotland. Direct dyeing water soluble stable derivatives of vat dyestuffs and making the same. 1,895,382; Jan. 24.
- Harris, John J., Chicago, Ill. Dentifrice preparation. 1,933,977; Nov. 7.
- Harris, Joseph W., Washington, D. C. Treatment of liquids. 1,932,405; Oct. 31.
- Harris, Joseph W., Washington, D. C. Electric liquid-heating apparatus. 1,932,406; Oct. 31.
- Harris, Leo, Chicago, Ill. Dancing shoe and the making thereof. 1,927,211; Sept. 19.
- Harris, Leonard B., New York, N. Y. Vehicle seat. 1,905,588; Apr. 25.
- Harris, Leonard B., New York, N. Y., assignor, by mesne assignments, to International Oil Gas Corporation, Dover, Del. Oil gas generator. 1,894,990; Jan. 24.
- Harris, Leonard B., assignor to H. O. G. Holding Corp., New York, N. Y. Oil gas generator. 1,903,042; Mar. 28.
- Harris, Leonard B., New York, N. Y., assignor to International Oil Gas Corporation, Dover, Del. Manufacturing oil gas. 1,928,784; Oct. 3.
- Harris, Marcus, (See Herzfelder, H. L., and Harris.)
- Harris, Moses A., Milford, Conn. Automobile windshield heater. 1,906,793; May 2.
- Harris, Neal C., and W. N. Creps, Guide Rock, and F. M. Blakeslee, Fairbury, Nebr. Self cleaning lug. 1,930,615; Oct. 17.
- Harris, Ora E., Kearney, Nebr. Ice cream dipper. 1,896,083; Feb. 7.
- Harris, Paul S., Edson, Alberta, Canada. Waste retainer for journal boxes. 1,940,166; Dec. 19.
- Harris, Rex, Colman, S. Dak. Poultry feeder. 1,922,435; Aug. 15.
- Harris, Richard A., assignor to The Forgrave Machinery Company Limited, Leeds, England. Feeding plastic toffee and other material to wrapping machines. 1,908,756; May 16.
- Harris, Roland, (See Reese, H. D., and Harris.)
- Harris, Ross C., and E. B. Ellis, Los Angeles, Calif., assignors to Claude Neon Electrical Products Corporation, Ltd., Wilmington, Del. Double electrode terminal. 1,938,962; Dec. 12.
- Harris-Seybold-Potter Company, (See Harrold, Charles W., assignor.)
- Harris-Seybold-Potter Company, (See Pritchard, Carl G., assignor.)
- Harris, Seybold, Potter Company, (See Seybold, Frederick W., assignor.)
- Harris-Seybold-Potter Company, The, (See Valiquette, William L., assignor.)
- Harris-Seybold-Potter Company, (See Webendorfer, John F., assignor.)
- Harris-Seybold-Potter Company, (See Wright, Joseph T., assignor.)
- Harris, Sidney E., (See Christiansen, W. G., and Harris.)
- Harris, Sidney E., Brooklyn, N. Y., and W. G. Christiansen, Bloomfield, N. J., assignors to E. R. Squibb & Sons, Brooklyn, N. Y. Di-phenyl phenolphthalein, substitution products thereof, and preparing same. 1,922,240; Aug. 15.
- Harris, Thomas, Providence, R. I. Spinning apparatus. 1,922,949; Aug. 15.
- Harris, Thomas, Providence, R. I. Spinning apparatus. 1,922,950; Aug. 15.
- Harris, Thomas H., assignor of one-half to Delta & Pine Land Company of Mississippi, Scott, Miss. Drying, cleaning, and conditioning cotton. 1,909,950; May 23.
- Harris, Thomas H., assignor of one-half to Delta & Pine Land Company of Mississippi, Scott, Miss. Drying, cleaning, and conditioning cotton. 1,909,951; May 23.
- Harris Trust & Savings Bank, trustee, (See Woodruff, Leonidas D., assignor.)
- Harris, Welton W., St. Louis, Mo. Transfer holder. 1,939,977; Dec. 19.
- Harris, William W., Brockton, Mass. Acetylene generator. 1,892,947; Jan. 3.
- Harris, Winfred W., (See Crocker, H. E., and Harris.)
- Harrischfeger Corporation, (See Bergmann, Reinhard, assignor.)
- Harrison, Abraham N., New York, N. Y. Textile fabric. Des. 90,315; July 18.
- Harrison, Abraham N., New York, N. Y. Textile fabric. Des. 90,407; Aug. 1.
- Harrison, Abraham N., New York, N. Y. Textile fabric. Des. 90,408; Aug. 1.
- Harrison, Arthur D., Brooklyn, N. Y. Inert gas production. 1,894,766; Jan. 17.
- Harrison, Arthur H., (See Harrison, Charles H. and A. H.)
- Harrison, Arthur H., Gold Pines, Ontario, Canada, assignor to Carbonated Lime Processes Limited. Making synthetic building blocks from lime. 1,934,534; Nov. 7.
- Harrison, Arthur P., Takoma Park, Md., assignor to Standard Brands Incorporated, New York, N. Y. Device and supplying foam suppressing substances. 1,916,614; July 4.
- Harrison, Benjamin F., assignor to The Standard Stoker Company, Incorporated, Glenns Ferry, Idaho. Locomotive. 1,920,305; Aug. 1.
- Harrison, Charles, Brooklyn, and H. Gottfried, New York, N. Y. Tucking attachment for sewing machines. 1,911,290; May 30.
- Harrison, Charles F. R., and H. W. Strong, Norton-on-Tees, assignors to Imperial Chemical Industries Limited, London England. Destructive hydrogenation of solid carbonaceous material. 1,919,108; July 18.
- Harrison, Charles H., Iron Acton, England, and A. H. Harrison, Gold Pines, Ontario, Canada, assignors to Carbonated Lime Processes Limited. Cellular synthetic carbonate product. 1,916,949; July 4.
- Harrison, Clifford E., assignor to American Engineering Company, Philadelphia, Pa. Front wall air grid. 1,907,066; May 2.
- Harrison, George W., Chicago, Ill. Multiple fuse plug. 1,935,947; Nov. 21.
- Harrison, Harry H., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telegraph system. 1,909,350; May 16.
- Harrison, Henry, Conshohocken, Pa. Folding lap board. 1,911,823; May 30.
- Harrison, Henry C., (See Flanders, P. B., and Harrison.)
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,905,704; Apr. 25.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture record container. 1,940,088; Dec. 19.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph record turntable. 1,940,089; Dec. 19.
- Harrison, Henry H., New York, N. Y. Dental X-ray focusing instrument. 1,923,669; Aug. 22.
- Harrison, Horace L., New York, N. Y. Machine for treating pipes and the like. 1,941,002; Dec. 26.
- Harrison, James R., Peoria, Ill. Grain measuring device. 1,931,985; Oct. 24.
- Harrison, Laurence E., assignor, by mesne assignments, to Dental Plastics Company, Los Angeles, Calif. Dental impression material. 1,920,857; Aug. 1.
- Harrison, Laurence E., Tujunga, and S. E. Noyes, assignors, by mesne assignments, to Stanley E. Noyes, Los Angeles, Calif. Dental impression material. 1,897,034; Feb. 14.

- Harrison, Laurence S., Evanston, Ill., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Electric time system. 1,926,901; Sept. 12.
- Harrison, Monroe, Chicago, Ill. Portable dispensing car or analogous device. Des. 90,247; July 4.
- Harrison, Paul E., Buffalo, N. Y., and W. V. Sternberger, Old Hickory, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Bucket spinning process. 1,930,516; Oct. 17.
- Harrison Radiator Corporation. (See Darrah, Carl W., assignor.)
- Harrison Radiator Corporation. (See Darrah, C. W., and Holmes, assignors.)
- Harrison Radiator Corporation. (See Holmes, John R., assignor.)
- Harrison Radiator Corporation. (See Lloyd, H. W., and Holmes, assignors.)
- Harrison Radiator Corporation. (See White, J. A., and Caminea, assignors.)
- Harrison, Raymond L., Albuquerque, N. Mex. Earth moving device. 1,924,358; Aug. 29.
- Harrison, Raymond L., Albuquerque, N. Mex. Roll over scraper. 1,924,359; Aug. 29.
- Harrison, Raymond L., Albuquerque, N. Mex. Earth moving device. 1,924,360; Aug. 29.
- Harrison, Thomas L., Philadelphia, assignor of one-half to F. R. Flounders, Elkins Park, Pa. Automobile automatic backstop. 1,927,785; Sept. 19.
- Harrison, Thomas R. (See Brown, R. P., and Harrison.)
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 1,898,124; Feb. 21.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Recording and control system and apparatus therefor. 1,898,183; Feb. 21.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Meter mechanism. 1,902,852; Mar. 28.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 1,916,420; July 4.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 1,927,402; Sept. 19.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Clutch mechanism. 1,929,244; Oct. 3.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Potentiometer instrument. 1,931,223; Oct. 17.
- Harrison, Thomas R., assignor to Brown Instrument Company, Philadelphia, Pa. Automatic control system and apparatus therefor. 1,898,182; Feb. 21.
- Harrison, Walter M., assignor to R. A. Lister & Company Limited, Victoria Works, Dursley, England. Automatic control of internal-combustion engines. 1,930,200; Oct. 10.
- Harrison, William, Kilmacoll, Scotland. Manufacture of artificial filaments. 1,930,803; Oct. 17.
- Harrison, Woodford F., and A. H. Batshelder, Berkeley, assignors to The California Ink Company Inc., West Berkeley, Calif. Treating oil. 1,915,260; June 20.
- Harrod, Horace H., Morris, Ill. Ice cream container. 1,902,072; Mar. 21.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet-feeder. 1,920,388; Aug. 1.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet feeder. 1,922,040; Aug. 15.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet feeder. 1,922,041; Aug. 15.
- Harrold, Charles W., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 1,935,051; Nov. 14.
- Harrower, Archibald F. T., Quebec, Quebec, Canada. Thawing appliance. 1,936,391; Nov. 21.
- Harry Cooling & Equipment Company. (See Harry, Joshua B., assignor.)
- Harry, Gordon W. (See Babitch, A. M., and Harry.)
- Harry, James E. (See Porter, F., and Harry.)
- Harry, James E., Augusta, Kans. Comb cleaner. 1,897,935; Feb. 14.
- Harry, John C., El Paso, Tex. Iodine preparation and making the same. 1,896,171; Feb. 7.
- Harry, Joshua B., assignor to Harry Cooling & Equipment Company, Philadelphia, Pa. Adjustable spray nozzle. 1,933,428; Oct. 31.
- Harry, Robert J., Homestead, Pa. Structural shape. 1,933,429-30; Oct. 31.
- Harry, Robert J., and M. Shutt, assignors to The Alliance Machine Company, Alliance, Ohio. Stripper. 1,924,740; Aug. 29.
- Harsanyi, Eugene, Budapest, Hungary. Coating radiant bodies. 1,897,902; Feb. 14.
- Harsch, John W., Gwynedd, assignor to Leeds & Northrup Company, Philadelphia, Pa. Method and apparatus for heat treating. 1,923,145; Aug. 22.
- Harsch, John W., Gwynedd, assignor to Leeds & Northrup Company, Philadelphia, Pa. Heat treating apparatus. 1,926,234; Sept. 12.
- Harsch, John W., Gwynedd, assignor to Leeds & Northrup Company, Philadelphia, Pa. Heat treating system. 1,940,948; Dec. 26.
- Harsch, John W., Gwynedd, and W. R. Schofield, jr., assignors to Leeds & Northrup Company, Philadelphia, Pa. System of heat treatment. 1,911,191; May 30.
- Harsh, Russell K., Dallas, Tex. Game board or analogous article. Des. 89,306; Feb. 21.
- Harshaw Chemical Company. (See Harshaw, William A., assignor.)
- Harshaw, William A., Gates Mills, assignor to The Harshaw Chemical Company, Cleveland, Ohio. Method and apparatus for treatment of chromite ores. 1,914,804; June 20.
- Harshbarger, C. L. (See Pinson, William L., assignor.)
- Harshbarger, Norman P., Chicago, Ill. Shingle machine. 1,894,037; Jan. 10.
- Harshbarger, Norman P., Scarsdale, N. Y., assignor to Bakelite Building Products Company, Inc., New York, N. Y. Shingle. Re18,772; Mar. 21.
- Harshbarger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing. Des. 90,115; June 13.
- Harshbarger, Norman P., Chicago, Ill., assignor to Bakelite Building Products Company, Inc., New York, N. Y. Shingle. 1,898,989; Feb. 21.
- Harshbarger, Norman P., Chicago, Ill., assignor to Bakelite Building Products Company, Inc., New York, N. Y. Strip or roofing material. 1,898,990; Feb. 21.
- Harshbarger, Norman P., Chicago, Ill., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing material. 1,900,861; Mar. 7.
- Harshbarger, Norman P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Shingle. 1,901,161; Mar. 14.
- Harshbarger, Norman P., Scarsdale, assignor to Bakelite Building Products Company, Inc., New York, N. Y. Shingle element and making same. 1,913,667; June 13.
- Harshbarger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building element and softening the surface thereof. 1,925,961; Sept. 5.
- Harshbarger, Norman P., Pasadena, Calif., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Expansion joint member. 1,913,235; June 6.
- Harshbarger, Norman P., Pasadena, Calif., assignor to Bakelite Building Products Co. Inc., New York, N. Y. Producing varied effects on building material with one basic stone. 1,913,666; June 13.
- Harshman, Vern S., Detroit, Mich. Dental cement and making dental cement. 1,900,237; Mar. 7.
- Harsin, Clarence W., Pasadena, Calif. Duplex picture hanger. 1,901,644; Mar. 14.
- Harstick, William H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Power plant. 1,900,058; Mar. 7.
- Hart, Alan R., Syracuse, N. Y. Score pad or memorandum holder. 1,899,440; Feb. 28.
- Hart, Austin H., New York, N. Y. Radiator. 1,935,025; Nov. 14.
- Hart, Burnett B., Long Beach, Calif. Poultry sinew puller. 1,934,921; Nov. 14.
- Hart, Charles, Media, assignor, by mesne assignments, to W. S. Jackson, Philadelphia, Pa. Method and apparatus for mixing a furnace charge. 1,897,647; Feb. 14.
- Hart, Charles, Media, assignor, by mesne assignments, of one-half to W. S. Jackson, Philadelphia, Pa. Furnace lining. 1,916,170; June 27.
- Hart & Cooley Manufacturing Company. (See Heasley, Lloyd E., assignor.)
- Hart & Cooley Mfg. Co. (See Van Alsbury, Jerold H., assignor.)
- Hart, Dudley W., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pressure actuated punching mechanism. 1,935,397; Nov. 14.
- Hart, Frank A., Dayton, Ohio, assignor to Real-Wa Company. Guide for a flush ball rod. 1,932,695; Oct. 31.
- Hart, Franklin H. (See Carmichael, W. A., and Hart.)
- Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Iliou, N. Y. Typewriting machine. 1,912,449; June 6.
- Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Iliou, N. Y. Typewriting machine. 1,931,382; Oct. 17.
- Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Iliou, N. Y. Typewriting machine. 1,931,383; Oct. 17.
- Hart, Frederick A., Stamford, Conn., assignor to Remington Typewriter Company, Iliou, N. Y. Typewriting machine. 1,929,064; Oct. 3.
- Hart, Frederick A., Stamford, Conn., assignor to Remington Typewriter Company, Iliou, N. Y. Computing machine. 1,931,384; Oct. 17.
- Hart, George H., West Hartford, Conn. Thermostatic device. 1,933,801; Nov. 7.
- Hart Glass Manufacturing Company. (See McDonald, Harry R., assignor.)
- Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, New York, N. Y. Typewriting machine. 1,897,699; Feb. 14.
- Hart, Howard P. (See Harvey, L. S., and Hart.)
- Hart & Hutchinson Company, The. (See Anderson, Gustav H., assignor.)
- Hart & Hutchinson Company, The. (See Hart, T. S., and Bush, assignors.)

- Hart, Jesse L., Los Angeles, Calif. Ice-pick sheath. 1,933,171; Oct. 31.
- Hart, Judith. (See Ballard, H. A., and Hart.)
- Hart, Lester C., Cleveland, Ohio, assignor to Hi-Voltage Equipment Company. Fuse. 1,930,804; Oct. 17.
- Hart, Linton, Englewood, N. J., and G. Fletcher, assignors to Caissou Contracting Company, New York, N. Y. Lining for molds for concrete columns. 1,916,726; July 4.
- Hart, Linton, Englewood, and F. A. Schroeder, Rochelle Park, N. J., assignors to Raymond Concrete Pipe Company, New York, N. Y. Method and apparatus for forming concrete columns. 1,931,845; Oct. 24.
- Hart Manufacturing Company, The. (See Landin, Carl A., assignor.)
- Hart Oil Burner Corporation. (See Aldrich, Loyd I., assignor.)
- Hart, Raymond D. (See Layton, Arthur J., assignor.)
- Hart, Robert W., Lynn, assignor to Submarine Signal Company, Boston, Mass. Measuring distance. 1,924,156; Aug. 29.
- Hart, Stephen H., assignor to Lord & Burnham Company, Irvington, N. Y. Greenhouse construction. 1,930,750; Oct. 17.
- Hart, Theodore S., New Britain, and P. M. Bush, Bloomfield, assignors to The Hart & Hutchinson Company, New Britain, Conn. Combined radiator and humidifier. 1,900,554; Mar. 7.
- Hart, Theodore S., New Britain, and P. M. Bush, Bloomfield, assignors to The Hart & Hutchinson Company, New Britain, Conn. Radiator. 1,926,235; Nov. 21.
- Hart, Thomas H., Birmingham, England. Golf and other playing ball. 1,921,523; Aug. 8.
- Hart, Thomas H., Springfield, assignor, by mesne assignments, to The Buckeye Incubator Manufacturing Company, Beachwood, Ohio. Brooder. 1,922,086; Aug. 15.
- Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching tool. 1,938,424; Dec. 5.
- Hartdorn, Louis G., Forest Hills, N. Y. Engine cooling system. 1,907,802; May 9.
- Harte, James A., Utica, assignor to American La France and Foamite Corporation, New York, N. Y. Oil tank fire protection. 1,893,026; Jan. 3.
- Hartenstein, Herman L., Chicago, Ill. Manufacture of fertilizer. 1,894,587; Jan. 17.
- Hartenstein, Herman L., Chicago, Ill. Manufacture of fertilizer. 1,934,707; Nov. 14.
- Harter, Charles, St. Louis, Mo. End frame for railway cars. 1,933,978; Nov. 7.
- Harter, Evan C., Sturgis, Mich. Supporting structure. 1,894,742; Jan. 17.
- Harter, Evan C., Sturgis, Mich. Supporting structure. 1,894,743; Jan. 17.
- Harter, Evan C., Sturgis, Mich. Caster mechanism for stands and the like. 1,902,166; Mar. 21.
- Harter, George F., assignor to The Standard Electric Time Company, Springfield, Mass. Electric clock system. 1,892,699; Jan. 8.
- Harter, George F., assignor to The Standard Electric Time Company, Springfield, Mass. Electric control system. 1,892,700; Jan. 8.
- Harter, Hans, Wurzburg, Germany. Converting gases rich in methane into more valuable products. 1,920,858; Aug. 1.
- Harter, Ira H., Grays Lake, Ill. Wire conveyer belt. 1,938,017; Dec. 5.
- Harter, Isaac, New York, N. Y., assignor to The Fuller Lehigh Company, Fullerton, Pa. Furnace wall. 1,900,443; Mar. 7.
- Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler. 1,905,465; Apr. 25.
- Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler drum. 1,924,279; Aug. 29.
- Harter, Isaac, New York, N. Y., assignor to Bailey Meter Company. Fluid pressure system. 1,934,667; Nov. 7.
- Harter, Laban W. (See Sims, E. M., and Harter.)
- Hartford-Empire Company. (See Bacheller, Raymond G., assignor.)
- Hartford-Empire Company. (See Barker, William T., jr., assignor.)
- Hartford-Empire Company. (See Eastman, Harold L., assignor.)
- Hartford-Empire Company. (See Hatch, Roswell F., assignor.)
- Hartford-Empire Company. (See Henry, Kenneth M., assignor.)
- Hartford-Empire Company. (See Henry, K. M., and Noble, assignors.)
- Hartford-Empire Company. (See Honiss, William T., assignor.)
- Hartford-Empire Company. (See Howard, George E., assignor.)
- Hartford-Empire Company. (See Ingle, Henry W., assignor.)
- Hartford-Empire Company. (See Lobb, Frank H., assignor.)
- Hartford-Empire Company. (See Lorenz, Edward H., assignor.)
- Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
- Hartford-Empire Company. (See Mulholland, V., and Hunter, assignors.)
- Hartford-Empire Company. (See Peller, Karl E., assignor.)
- Hartford-Empire Company. (See Rowe, George E., assignor.)
- Hartford-Empire Company. (See Shackelford, Orie, assignor.)
- Hartford-Empire Company. (See Smith, Algy J., assignor.)
- Hartford-Empire Company. (See Tucker, O. M., and Reeves.)
- Hartford-Empire Company. (See Wadman, Harold A., assignor.)
- Hartford-Empire Company. (See Wardley, T., and Murgatroyd, assignors.)
- Hartford-Empire Company. (See Willetts, Paul G., assignor.)
- Hartford Faience Company, The. (See Fischer, Eugene H., assignor.)
- Hartford Faience Company. (See Yarsley, Thomas G., assignor.)
- Hartgenbusch, René, Cologne-Nippes, Germany, assignor to A. Kimball Company, New York, N. Y. Tag. 1,911,290; May 30.
- Harth, John H., Mendota, Ill. Automobile brake tester. 1,894,174; Jan. 10.
- Harth, Philip E., assignor to National Pigments and Chemical Company, St. Louis, Mo. Glass and making same. 1,925,381; Sept. 5.
- Harting, John H., Los Angeles, Calif. Lock for a garment fastener. 1,930,555; Oct. 17.
- Hartinger, Hans. (See Fertsch, F., and Hartinger.)
- Hartinger, Hans, assignor to the Firm of Carl Zeiss, Jena, Germany. Instrument for measuring the curvature of the cornea. 1,918,540; July 18.
- Hartle, Jacob E., jr., Madison, N. J. Vending machine attachment. 1,905,169; Apr. 25.
- Hartley, Arthur J., Peoria, Ill. Grain cleaning mechanism. 1,909,351; May 16.
- Hartley, Cyril J., Stoke-upon-Trent, England. Manhole cover and frame. 1,925,635; Sept. 5.
- Hartley, George C. (See Wright, E. F. G., and Hartley.)
- Hartley, John William, Stone, England. Molding and the forming of sand molds. 1,913,485; June 13.
- Hartley, Joseph W. (See Wallace, F. D., Cost, and Hartley.)
- Hartley, Kenneth, Houston, Tex. Measuring instrument. 1,898,534; Feb. 21.
- Hartley, Lee R. (See Renfrew, P. B., and Hartley.)
- Hartley, Seward W., New York, N. Y., assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Foldable grease gun. 1,923,436; Aug. 22.
- Hartley, William R., New Haven, Conn. Barrel for burnishing or the like. 1,934,461; Nov. 7.
- Hartley, William W., assignor to H. F. Cockill and Sons Limited, Manchester, England. Belt hook press. 1,914,855; June 20.
- Hartman, Carl H., Toledo, Ohio, assignor, by mesne assignments, to St. Regis, Paper Company, New York, N. Y. Cutter for severing bag lengths from paper tubes. 1,916,664; July 4.
- Hartman, Edward M., Milton, Pa., assignor to American Car and Foundry Company, New York, N. Y. Valve and operating means therefor. 1,917,936; July 11.
- Hartman, Edward M., Milton, Pa., assignor to American Car and Foundry Company, New York, N. Y. Valve and operating means therefor. 1,918,184; July 11.
- Hartman, Frank A., Hamburg, N. Y. Cortin and preparing same. 1,914,125; June 13.
- Hartman, Frank E. (See Lorenz, A. J., and Hartman.)
- Hartman, George H., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubricant firing clamp. 1,912,770; June 6.
- Hartman, George H., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun. 1,932,780; Oct. 31.
- Hartman, George H., assignor to Aro Equipment Corporation, Bryan, Ohio. Shock absorber for lubricating apparatus. 1,939,978; Dec. 19.
- Hartman, Harry B., Buffalo, N. Y. Water purifying apparatus. 1,931,818; Oct. 24.
- Hartman, Harry F. (See Bollinger, P., and Hartman.)
- Hartman, Harry F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brush-holder assembly. 1,934,350; Nov. 7.
- Hartman, Howard W. (See Uschman, C. W., and Hartman.)
- Hartman, Marie, St. Louis, Mo. Double action swing. 1,922,364; Aug. 15.
- Hartman, Max, and H. Isler, Riehen, assignors to Firm Society of Chemical Industry in Basle, Basel, Switzerland. Basic ether of aromatic ketones. 1,894,865; Jan. 17.
- Hartman, William W., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydrating aqueous acetic acid. 1,908,239; May 9.
- Hartman, William W., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydrating aqueous aliphatic acids and mixtures thereof. 1,908,240; May 9.
- Hartman, William W., Los Angeles, Calif. Bread slicer. 1,925,143; Sept. 5.
- Hartman, William W., Los Angeles, Calif. Mechanism to place tray on sliced bread. 1,926,281; Sept. 12.
- Hartmann, August, Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Production of artificial silk by the copper oxide ammonia stretch spinning process. 1,918,470; July 18.

- Hartmann, August, W. Höfinghoff, and F. Fischer, Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Apparatus for treating single threads with liquids. 1,897,122; Feb. 14.
- Hartmann, August, and G. Bauriedel, Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Apparatus for producing artificial silk. 1,939,300; Dec. 12.
- Hartmann & Braun Aktiengesellschaft. (See Bestelmeyer, Adolf, assignor.)
- Hartmann & Braun Aktiengesellschaft. (See Walther, Paul, assignor.)
- Hartmann, Carl F., White Plains, N. Y. Badge. Des. 90,073; June 6.
- Hartmann, Carl W., Lyngby, near Copenhagen, Denmark. Carton filling apparatus. 1,893,169; Jan. 3.
- Hartmann, Carl W., Lyngby, near Copenhagen, Denmark. Carton. 1,907,067; May 2.
- Hartmann, Carl W., Lyngby, near Copenhagen, Denmark, assignor to Funditor Limited, London, England. Feeding device for delivering metal to the pots of type casting and like machines. 1,915,491; June 27.
- Hartmann, Günther, Vietz-on-the-Ostbahn, Germany. Truck for conveying brick-frames. 1,910,104; May 23.
- Hartmann, Julius F. G. P., Copenhagen, Denmark. Apparatus for commutating or periodically interrupting electric currents. 1,919,633; July 25.
- Hartmann, Julius F. G. P., Copenhagen, Denmark. Electric commutator or the like having brushes consisting of conductive liquid jets. 1,930,933; Oct. 17.
- Hartmann, Max, Riehen, near Basel, and M. Seiberth, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Crystallized peroxide from tetrahydronaphthalene. 1,924,786; Aug. 29.
- Hartmann, Max, Riehen, near Basel, and M. Seiberth, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Addition products of the pyridine series and making same. 1,938,253; Dec. 5.
- Hartmann, Miner L. (See Tone, F. J., and Hartmann.)
- Hartmann, Otto H. (See Peperkorn, H., Wempe and Hartmann.)
- Hartmann, Otto H. (See Trede, H., and Hartmann.)
- Hartmann, Paul E., Hillside Township, Union County, assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 1,899,960; Mar. 7.
- Hartmann, Reinhold, Dresden, Germany. Machine for labeling and wrapping circular and angular articles. 1,907,539; May 9.
- Hartmann Trunk Company. (See Chestnut, William C., assignor.)
- Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartness, James, Springfield, Vt. Screw thread gauge. 1,905,705; Apr. 25.
- Hartness, James, Springfield, Vt. Screw-thread gauge. 1,917,301; July 11.
- Hartness, James, Springfield, Vt. Gauging of screw threads. 1,922,349; Aug. 15.
- Hartz, Paul D., Long Island City, N. Y. Portable faucet. 1,894,741; Jan. 17.
- Hartz, Paul D., St. Louis, Mo., assignor, by mesne assignments, to Frier-Hartz, Incorporated. Grease pump. 1,916,948; July 4.
- Hartshorn, H. A., et al., trustees. (See Wilson, Ernest M., assignor.)
- Hartshorn, Joseph, Fort Des Moines, Iowa. Animal trap. 1,900,645; Mar. 7.
- Hartshorn, Stanley D., St. Davids, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Hammer crusher. 1,936,599; Nov. 28.
- Hartsing, Clifford E. (See Schroeder, N. W., and Hartsing.)
- Hartscock, Guy M., Detroit, Mich., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Gear shifting device. 1,896,893; Feb. 7.
- Hartscock, Guy M., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,896,952; Feb. 7.
- Hartscock, Guy M., South Bend, Ind., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Madison, Wis. Muffler. 1,934,462; Nov. 7.
- Hartscock, Guy M., South Bend, Ind., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Madison, Wis. Muffler. 1,934,463; Nov. 7.
- Hartstoft-Metall A. G. (See Kramer, Erwin, assignor.)
- Hartstoft-Metall Aktiengesellschaft (Hametag). (See Kramer, Erwin, assignor.)
- Hartt, Charles M. (See Graham, William S., assignor.)
- Hartung, William R., Des Moines, Iowa. Brooder. 1,924,207; Aug. 29.
- Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Electric terminal connector. 1,904,919; Apr. 18.
- Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Balanced fuel control for furnaces. 1,918,265; July 18.
- Harty, Edgar A., Lynn, Mass., assignor to General Electric Company. Alternating current rectifier. 1,894,821; Jan. 17.
- Hartzell, Herman L. (See Davis, C. H., and Hartzell.)
- Hartzell, Herman L. (See Norviel, H. E., and Hartzell.)
- Hartzell Industries, Inc. (See Charavay, Frederick, assignor.)
- Hartzell Industries, Inc. (See Hartzell, Robert N., assignor.)
- Hartzell, Robert N., assignor to Hartzell Industries, Inc., Piqua, Ohio. Making veneer and a veneer machine. 1,921,183; Aug. 8.
- Hartzell, Robert N., assignor to Hartzell Industries, Inc., Piqua, Ohio. Making veneer and a new article of veneer. 1,921,184; Aug. 8.
- Harvel Corporation, The. (See Crammond, E. D., and Hughes.)
- Harvel Corporation, The. (See Damitz, Frederick M., assignor.)
- Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
- Harvell Corporation, The. (See Ryan, Victor A., assignor.)
- Harvey, Adelbert W., Pittsburgh, Pa., assignor to E. R. Squibb & Sons, Brooklyn, N. Y. 3-Carboxy-4-Hydroxydiphenyl and salts thereof. 1,941,207; Dec. 26.
- Harvey, Arthur H., assignor of one half to The Ebbw Vale Steel, Iron & Coal Company Limited, Ebbw Vale, England. Railway and like sleeper. 1,906,006; Apr. 25.
- Harvey, Clayton J., assignor to Jewell Steel & Malleable Co., Buffalo, N. Y. Anchor. 1,899,866; Feb. 28.
- Harvey, Corbon L., Cleveland, Ohio. Rack for loose leaf ledgers. 1,898,833; Feb. 21.
- Harvey, Dewey C. (See Goodell, F. H., and Harvey.)
- Harvey, Edmund N., Princeton, N. J., and A. L. Loomis, Tuxedo Park, N. Y. Microscope-centrifuge. 1,907,803; May 9.
- Harvey, Edward W., New Brunswick, N. J., assignor to The Barrett Company, New York, N. Y. Applying aqua-ammonia to fertilizer mixtures. 1,894,767; Jan. 17.
- Harvey, George R., LaFayette, Ind. Combination razor and shaving brush. 1,892,836; Jan. 3.
- Harvey, George W., Medford, Mass. Fish lure. Des. 89,890; May 16.
- Harvey, Jacquelin E., Jr., Jellico, Tenn., assignor, by mesne assignments, to C. Kehr, Washington, D. C. Subgrader. 1,908,348; May 9.
- Harvey, James W., Winthrop, Me. Motor boat installation. 1,900,180; Mar. 7.
- Harvey, James W., Winthrop, Me. Motor boat. 1,911,192; May 30.
- Harvey, Leaman S., and H. P. Hart, assignors to Platt Bros. & Company, Waterbury, Conn. Process and apparatus for producing continuous zinc wire. 1,931,001; Oct. 17.
- Harvey, Leo M., Los Angeles, Calif. Strap tying machine. 1,897,650; Feb. 14.
- Harvey, Leo M., Los Angeles, Calif. Flat band tying machine. 1,900,238; Mar. 7.
- Harvey, Leroy W., C. E. Olcott, and J. W. Robertson, Portland, Oreg. House-numbering device. 1,915,666; June 27.
- Harvey, Maxwell B., East Orange, N. J. Riveting machine. 1,929,245; Oct. 3.
- Harvey, Mortimer T., East Orange, N. J. Composition and making and using the same. 1,921,292; Aug. 8.
- Harvey, Mortimer T., East Orange, assignor to The Harvel Corporation. Insulated electrical conductor. 1,939,301; Dec. 12.
- Harvey, Mortimer J., East Orange, N. J., assignor to The Harvel Corporation. Composition of matter and making and using the same. 1,939,773; Dec. 19.
- Harvey, Mortimer T., East Orange, assignor to The Harvel Corporation, Newark, N. J. Product and process of reacting cashew nut shell liquid with paraformaldehyde. 1,921,293; Aug. 8.
- Harvey, Paul D., Chicago, Ill. Automatic control. 1,892,948; Jan. 3.
- Harvey, Rodney B., St. Paul, Minn., assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 1,909,860; May 16.
- Harvey, Samuel W., New Haven, Conn. Disappearing canopy top for the rumble seats of automobiles. 1,897,946; Feb. 14.
- Harvey, Theodore R. (See Faifer, W. R., and Harvey.)
- Harvie, Walter E., Portland, Maine. Saw attachment for electric drills. 1,898,956; Feb. 21.
- Harvie, Walter E., Portland, Maine. Sponge washer. 1,921,921; Aug. 8.
- Harvie, Walter E., Portland, Maine. Culinary machine. 1,924,991; Aug. 29.
- Harward, John H., Haverhill, Mass. Adjustable striker for doors. 1,913,986; June 13.
- Harwell, Robert H., assignor to C. C. Houston, Lewisburg, Tenn. Compound lumber and making same. 1,924,240; Aug. 29.
- Harwick-Etter Company. (See Struen, John A., assignor.)
- Harwick, John M., et al. (See Montgomery, William P., assignor.)
- Harwig, Carl G., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train annunciating apparatus. 1,911,502; May 30.
- Harwood, Paisley B., assignor, by mesne assignments, to Cutler-Hammer Inc., Milwaukee, Wis. Motor controller. 1,910,606; May 23.
- Harwood, Stanley G. (See Griswold, D. G., and Harwood.)
- Harz, Hermann, Berlin-Siemensstadt, Germany, assignor to Radio Patents Corporation, New York, N. Y. Electric voltage regulation. 1,906,210; Apr. 25.
- Harzbecker, Rudolph, Dresden, Germany. Protective device for motor cars and other vehicles. 1,936,054; Nov. 21.

- Hasbrouck, David M., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding torch body or handle. Des. 90,248; July 4.
- Hasbrouck, David M., Jersey City, N. J., assignor to the Air Reduction Company, Incorporated, New York, N. Y. Cutting torch handle. Des. 90,249; July 4.
- Hasbrouck, Louis, Springfield, Mass. Smoker's apparatus. 1,916,727; July 4.
- Hasbrouck, Louis B., assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Dyeing apparatus. 1,904,137; Apr. 18.
- Hasche, Rudolph L. (See Teats, R., and Hasche.)
- Hasche, Rudolph L., Elizabeth, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Separating gases. 1,939,693; Dec. 19.
- Hasche, Rudolph L., Elizabeth, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Sulphur dioxide process. 1,939,694; Dec. 19.
- Hasche, Rudolph L., Red Bank, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Refrigeration system. 1,939,695; Dec. 19.
- Hasche, Rudolph L., Red Bank, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Separation of gases. 1,939,696; Dec. 19.
- Haseltine, Kirk G., Springfield, Mo. Fruit sizing machine. 1,913,804; June 13.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,904,369; Apr. 18.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 1,905,864; Apr. 25.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,907,068; May 2.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,909,952; May 23.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Clutch. 1,914,566; June 20.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Pivotal coupler. 1,919,720; July 25.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,922,732; Aug. 15.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Pivotal coupler connection. 1,930,679; Oct. 17.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,931,654; Oct. 24.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Clutch means. 1,931,655; Oct. 24.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,932,729-30; Oct. 31.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,934,851; Nov. 14.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,935,796; Nov. 21.
- Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,940,670; Dec. 26.
- Haselton, Merton L., assignor to The Teleregister Corporation, New York, N. Y. Control apparatus and method, particularly for indicating purposes. 1,908,604; May 9.
- Haseman, John D. (See Haseman, William P. and J. D.)
- Haseman, John D., Linton, Ind. Treating bentonite and the like. 1,929,113; Oct. 3.
- Haseman, William P., Oklahoma City, Okla., and J. D. Haseman, Linton, Ind.; said William P. Haseman assignor to J. D. Haseman. Method of breaking petroleum emulsions. 1,914,665; June 20.
- Hasenpatt, Wolfgang, Berlin-Friedenau, Germany, assignor to General Electric Company. Advertising device. 1,905,706; Apr. 25.
- Haserodt, Oscar P., Elyria, Ohio. Golfer's stance appliance. 1,922,130; Aug. 15.
- Hasin, Charles C., Lynbrook, assignor to Electro Broadcasters Corporation, New York, N. Y. Making phonograph records. 1,910,831; May 23.
- Hasing, Fred W., Minneapolis, Minn. Briquetting machine. 1,931,759; Oct. 24.
- Haskel, Isidore J., Brooklyn, N. Y. Grinding and polishing machine. 1,910,897; May 23.
- Haskell, William E., Springfield, Mass. Chair swing. 1,932,967; Oct. 31.
- Haskell, William E., Springfield, Mass. Ferris wheel. 1,935,558; Nov. 14.
- Haskelite Manufacturing Corporation. (See Meyercoed, G. R., Basquin, and Norris, assignors.)
- Haskelite Manufacturing Corporation. (See Norris, C. B., Curran, and Van Steenwyk, assignors.)
- Haskell, Harry, et al. (See Phelps, Benjamin B., assignor.)
- Haskell, John D., assignor to Dilts Machine Works, Inc., Fulton, N. Y. Breaker and beater roll. 1,895,188; Jan. 24.
- Haskell, William E., Springfield, Mass. Playground device. 1,901,964; Mar. 21.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Condenser tester. 1,906,466; May 2.
- Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Switch for battery chargers. 1,912,135; May 30.
- Haskins, Clifford B., assignor to Dayton Scale Company, Dayton, Ohio. Bearing. 1,904,451; Apr. 18.
- Haskins, Elbert O., Rutherford, and T. W. Reynolds, Woodridge, N. J., assignors to American Radiator Company, New York, N. Y. Radiator. 1,926,004; Sept. 5.
- Haskins, Howard B. (See Sattler, C., and Haskins.)
- Haskins, Howard B., Highland Park, and E. G. Simpson, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Combination dovetail and door bumper. 1,903,365; Apr. 4.
- Haskins, Howard B., Highland Park, and J. W. Lakin, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Hinge. 1,920,466; Aug. 1.
- Haskins, Joseph F., Kenmore, assignor to Du Pont Rayon Company, New York, N. Y. Preparing cellulose esters. 1,920,306; Aug. 1.
- Haskins, Robert H., jr. (See Haskins, Robert H. and R. H., jr.)
- Haskins, Robert H., and R. H. Haskins, jr., Providence, R. I. Ice cream for diabetics. 1,933,732; Nov. 7.
- Haskins, William M., Deming, N. Mex. Vehicle shock absorber. 1,915,607; June 27.
- Haslam, Harry M. (See Bunce, E. H., and Haslam.)
- Haslam, Robert T., Westfield, N. J., assignor to Standard Oil Development Company. Fatty acids and preparing same. 1,904,452; Apr. 18.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Obtaining low-boiling distillates from heavy carbonaceous material. 1,912,136; May 30.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Producing low-boiling hydrocarbons from higher boiling hydrocarbons through the action of hydrogen at elevated temperatures. 1,934,062; Nov. 7.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Producing heavy hydrocarbon oils. 1,934,063; Nov. 7.
- Haslam, Robert T., Westfield, N. J., assignor to Standard-I. G. Company. Obtaining refined hydrocarbons from heavy unrefined hydrocarbons. 1,940,050; Dec. 19.
- Hasler A. G. vormals Telegraphenwerkstätte von G. Hasler. (See Kohler, Ulrich, assignor.)
- Hass, Henry B. (See Looker, C. D., Kester, Hass, and Friend.)
- Hass, Joseph, New York, N. Y. Lubricating system. 1,898,184; Feb. 21.
- Hass, Paul B., Chamberlain, S. Dak. Trap gun. 1,920,695; Aug. 1.
- Hassall, John, Inc. (See Smith, Theodore B., assignor.)
- Hasse, Frank C. (See Oldham, S. R., and Hasse.)
- Hassel, George F. (See Seng, W. P., and Hassel.)
- Hasselberg, Linus J. R., Krapperep, Sweden. Cultivator or other agricultural implement. 1,926,619; Sept. 12.
- Hasselberger, Louisa E., East Hampton, N. Y. Doorstop. 1,921,568; Aug. 8.
- Hasselkus, William, assignor to Cole Service Plan, Inc., New York, N. Y. Speed transmission. 1,922,241; Aug. 15.
- Hassell, Bert R. J., Rockford, Ill. Ice cream confection bar. 1,901,394; Mar. 14.
- Hassell, Cecil S., Miami, Fla. Electric ice cap. 1,896,953; Feb. 7.
- Hassell, Marian E., and M. A. Todd, Miami, Fla., assignors of one-third to Starke Hassell, Greeneville, N. C. Egg carton. 1,902,167; Mar. 21.
- Hassell, Starke. (See Hassell, M. E., and Todd, assignors.)
- Hasselquist, Hugo S., Chicago, Ill. Pencil. 1,906,851; May 2.
- Hasselquist, Hugo S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Attaching grommets to metal plates. 1,919,552; July 25.
- Hassendon, Louis W., Toledo, Ohio. Water cooler. 1,939,551; Dec. 12.
- Hassenplug, William L., Glenside, Pa. Game apparatus. 1,929,922; Oct. 10.
- Hassler, John, Parkersburg, W. Va. Mole trap. 1,924,241; Aug. 29.
- Hassman, Fred A. (See Nenninger, L. F., and Hassman.)
- Hassman, Fred A., assignor to The Cincinnati Milling Company, Cincinnati, Ohio. Milling machine. 1,940,126; Dec. 19.
- Hässner, Kurt, Gera, Thuringia, Germany. Four jaw chuck for drills. 1,927,981; Sept. 26.
- Hässner, Kurt, Gera, Germany. Quick-change chuck. 1,929,869; Oct. 10.
- Hasson, Paul R., and E. D. Ellis, assignors to John Fowler & Co., (Leeds) Ltd., Leeds, England. Ridging implement on rotary tilling machines. 1,904,138; Apr. 18.
- Hast, Emma W., Louisville, Ky. Roller skates. 1,934,535; Nov. 7.
- Hastings Equity Grain Bin Manufacturing Company, The. (See Einsel, E. D., and Nelson, assignors.)
- Hastings, Frank W., jr. (See Klaiber, Maximilian, assignor.)
- Hastings, Herbert, Brighton, N. Y. Thermometer. 1,926,808; Sept. 12.
- Hastings Manufacturing Company. (See Johnson, Aben E., assignor.)
- Hastings, Walter M., Lawrence, Mass. Undergarment. 1,917,213; July 4.
- Hastings, Warren B., Norfolk, Va. Safety apparatus for highways. 1,897,123; Feb. 14.
- Hasty, Dozier F., Atlanta, Ga. Combination wrench. 1,922,680; Aug. 15.
- Haswell, Arthur B., Birmingham, and F. G. Cutler, Ensley, Ala. Recovering blast furnace due dust. 1,930,010; Oct. 10.

- Hatay, Charles, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Mercury switch. 1,930,092; Oct. 10.
- Hatay, Charles, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric switch. 1,930,093; Oct. 10.
- Hatay, Charles, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric switch. 1,930,094; Oct. 10.
- Hatay, Charles, assignor to General Electric Company, Berlin, Germany. Mercury switch. 1,935,710; Nov. 21.
- Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Rack for refrigerators, ovens, and like compartments. 1,896,307; Feb. 7.
- Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Joist bridging. 1,934,708; Nov. 14.
- Hatch, Lewis. (See Behringer, E. H., and Hatch.)
- Hatch, Meredith R., Toledo, Ohio. Lubricating system. 1,939,262; Dec. 12.
- Hatch, Robert L., Honolulu, Hawaii, assignor to Radio Corporation of America. Control apparatus. 1,931,656; Oct. 24.
- Hatch, Roswell F., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Gathering pool level regulator. 1,920,747; Aug. 1.
- Hatcher, Ernest C., Northwood, assignor to J. Stone & Company, Limited, Deptford, England. Automatic clutch device. 1,926,483; Sept. 12.
- Hatfield, Floyd H., assignor to one-tenth to N. R. Greenfield, one-tenth to T. W. Craig, and one one-hundredth to G. M. Bergen, Rawlins, Wyo. Folding table. 1,905,282; Apr. 25.
- Hatfield, William H., Hathersage, assignor to Thos. Firth & John Brown Limited, Sheffeld, England. Hardening alloy steels. 1,930,388; Oct. 10.
- Hatfield Wire and Cable Co. (See Brown, Joseph D., assignor.)
- Hathaway, Byron A., et al. (See Sharpnack, Frank A., assignor.)
- Hathaway, Chester F., assignor to Hathaway Machinery Company, New Bedford, Mass. Flexible coupling. 1,923,307; Aug. 22.
- Hathaway, Claude M., Colorado Springs, Colo., assignor to General Electric Company. Oscillographic transient recorder. 1,913,200; June 6.
- Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Tuit yarn carrier or tube-frame. 1,914,916; June 20.
- Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn carrier or tube-frame. 1,914,917; June 20.
- Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn carrier controlling mechanism. 1,926,534; Sept. 12.
- Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn carrier controlling mechanism. 1,926,535; Sept. 12.
- Hathaway, Edgar F., Wellesley, and W. Bixby, Boston, Mass. Yarn spool. 1,924,929; Aug. 29.
- Hathaway, Edgar F., Wellesley, and W. Bixby, assignors to Shawmut Engineering Company, Dorchester, Mass. Mechanism for and method of preparing tufting yarns. 1,941,086; Dec. 26.
- Hathaway Machinery Company. (See Hathaway, Chester F., assignor.)
- Hathaway, Warner, Madison, Wis., assignor, by mesne assignments, to American Face Brick Research Corporation. Kiln for treating earthy materials. 1,910,433; May 23.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Tail wheel. 1,896,234; Feb. 7.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company. Stabilizer adjusting mechanism. 1,902,071; Mar. 21.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Aeronautical truss and forming the same. 1,908,757; May 16.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Sliding windshield. 1,939,051; Dec. 12.
- Hathorn, Charles E., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Joint fitting. 1,941,348; Dec. 26.
- Hathorne, Berkeley L., New York, N. Y., assignor to Tubize Chatillon Corporation. Dyeing rayon. 1,913,987; June 13.
- Hathorne, Berkley L., Laconia, N. H., assignor, by mesne assignments, to Copeman Laboratories Company, Flint, Mich. Refrigerating apparatus. 1,932,731; Oct. 31.
- Hatke, Charles W., Denver, Colo. Reversible attraction sign. 1,905,563; Apr. 25.
- Hatot, Léon, Paris, France. Self winding watch. 1,914,015; June 13.
- Hatton, William, Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,897,048; Feb. 14.
- Hatton, William, E. J. Rosseau, and G. T. Warmoes, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,912,450; June 6.
- Haub, Edwin. (See Bowman, S. B., Haub, and Jackson.)
- Haub, George R. (See Algeo, A. M., and Haub.)
- Haubensak, Wilhelm, and W. A. Wetterwald, Zurich, Switzerland. Valve for footballs and other inflatable articles. 1,892,727; Jan. 3.
- Haubert, Leo, assignor of one-half to Lyman Le Roy Roller, Tulsa, Okla. Pulling implement. 1,896,488; Feb. 7.
- Haubold, Rudolf, Pirna-Copitz, Germany. Binding attachment for reaping machines. 1,909,056; May 16.
- Haubroe, Charles A., Baltimore, Md. Key cutting machine. 1,895,849; Jan. 31.
- Haubroe, Werner C. L., Copenhagen, Denmark. Rear sight for machine guns. 1,940,416; Dec. 19.
- Hauch, Flora F., administratrix. (See Hauch, Wendell M., assignor.)
- Hauch, Wendell M., deceased, New York, N. Y.; Flora F. Hauch, administratrix. Humidor. 1,938,384; Dec. 5.
- Hauch, Wendell M., deceased, New York, N. Y.; Flora F. Hauch, administratrix. Humidor. 1,938,385; Dec. 5.
- Hauck, Charles J., assignor to The Selby Shoe Company, Portsmouth, Ohio. Shoe shank stiffener. 1,893,660; Jan. 31.
- Hauck Manufacturing Company. (See Elze, Walter G., assignor.)
- Hauck Manufacturing Company. (See Gerdes, Henry T., assignor.)
- Hauelsen, Batist R., and J. C. Patten, Indianapolis, Ind.; said Hauelsen assignor to said Patten; M. L. Patten, executrix of said J. C. Patten, deceased. Alloy plated iron and steel and making the same. 1,904,732; Apr. 18.
- Hauf, George F., assignor to Chicago Metal Mfg. Co., Chicago, Ill. Drying tray. 1,895,323; Jan. 24.
- Hauf, George F., assignor to Chicago Metal Mfg. Co., Chicago, Ill. Ring forming machine. 1,914,312; June 27.
- Haug, Anton J., Nashua, N. H. Method of and machine for screening pulp. 1,932,663; Oct. 31.
- Haug, Eugene H., assignor of one-third to H. E. Young and one-third to E. S. Taylor, Chicago, Ill. Driving mechanism. 1,921,749; Aug. 8.
- Haug, John S., assignor to United Engineers & Constructors Inc., Philadelphia, Pa. Gas generator grate having adjustable eccentricity. 1,913,668; June 13.
- Haug, John S., assignor to United Engineers & Constructors Inc., Philadelphia, Pa. Mechanical grate for gas generators. 1,917,839; July 11.
- Haug, Richard J., Nashua, N. H. Display stand. 1,899,567; Feb. 28.
- Haug, Tnaddus L. E. (See Kallstrom, F. F., and Haug.)
- Haug, Waldemar H., assignor to Mason Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Making plastic candy units. 1,915,528; June 27.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Loading machine. 1,903,672; Apr. 11.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Loading machine. 1,903,673; Apr. 11.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Coal loader. 1,903,674; Apr. 11.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Loading machine. 1,903,675; Apr. 11.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Loading machine. 1,917,368; July 11.
- Hauge, Andrew, Michigan City, Ind., assignor to Sullivan Machinery Company. Loading machine. 1,919,217; July 25.
- Haugen, Edward, Wallace, assignor to Coeur d'Alene Hardware & Foundry Company, Wallace, Idaho. Dump car. 1,904,453; Apr. 18.
- Haughey, Leo E., Concordia, Kans. Anæsthetic dropping stand. 1,895,036; Jan. 24.
- Haughton Elevator & Machine Company, The. (See Arwood, Fritts G., assignor.)
- Haughton Elevator and Machine Company. (See Ohler, Frank L., assignor.)
- Hauk, Joseph, assignor to Hauk Manufacturing Company, Milwaukee, Wis. Can covering apparatus. 1,901,594; Mar. 14.
- Hauk, Joseph, Shorewood, assignor to P. C. Read, Milwaukee, Wis. Can washing machine. 1,901,595; Mar. 14.
- Hauk, Joseph, Shorewood, assignor to P. C. Read, Milwaukee, Wis. Bottle handling machine. 1,901,596; Mar. 14.
- Hauk, Joseph, Shorewood, assignor to P. C. Read, Milwaukee, Wis. Clutch control mechanism. 1,901,597; Mar. 14.
- Hauk Manufacturing Company. (See Hauk, Joseph, assignor.)
- Hauke, John P., Milwaukee, Wis. Attachment for internal combustion engines. 1,936,111; Nov. 21.
- Haupt, Arno, H. Gümbel, and J. Giesecke, Leipzig, Germany. Feeding paper sheets. 1,898,535; Feb. 21.
- Haupt, Charles H., Elizabeth, and A. J. Ely, Roselle, N. J., assignors to Standard Oil Development Company. Floatable roof for tanks. 1,919,634; July 25.
- Haupt, Edward A., Pittsburgh, Pa. Building structure. 1,941,436; Dec. 26.
- Haupt, Hans, Berlin, Germany. Telescopic umbrella. 1,902,363; Mar. 21.
- Haupt, Hans, Berlin-Wilmersdorf, Germany. Telescopic umbrella. 1,902,774; Mar. 21.
- Haupt, Karl W., North Providence, assignor to General Fire Extinguisher Company, Providence, R. I. Fin for heat exchangers. 1,925,720; Sept. 5.

- Haupt, Wallace H. (See Robinson, J. F., Chilcote, and Haupt.)
- Haupt, Walter H. (See Shield, Paul S., and Haupt.)
- Haupt, Walter H., Ludlow, Ky., assignor to Augustine Davis, Jr., Cincinnati, Ohio. Dispenser of the twin chamber type. 1,904,454; Apr. 18.
- Hauptmeyer, Friedrich, Essen, Germany. Metallic dental filling composition. 1,935,266; Nov. 14.
- Hauptner, Rudolf, Berlin, Germany. Nose ring fitting apparatus. 1,921,618; Aug. 8.
- Haurand, Carl H. (See Copes, L. G., Haurand, and Kellogg.)
- Hausdörfer, Emil. (See Kränzlein, G., Corell, Vollmann, and Hausdörfer.)
- Hausdörfer, Emil. (See Kränzlein, G., Wolfram, and Hausdörfer.)
- Hausdörfer, Emil. (See Wolfram, A., and Hausdörfer.)
- Hause, Donald B., and T. F. Williams, Evanston, assignors to Sprague, Warner & Company, Chicago, Ill. Shipping carthon and platform. 1,930,896; Oct. 17.
- Hausen, Helmuth, Pullach, near Munich, Germany. Separating gas mixtures more particularly coke oven gas. 1,913,805; June 13.
- Hausenfluck, William A., Washington, D. C. Mechanism for dropping and weighing boat anchors. 1,912,366; June 6.
- Hauser, Bonner B., Denver, Colo. Ink bottle. 1,896,405; Feb. 7.
- Hauser, Ernst A., Frankfurt-on-the-Main, Germany, assignor to Revertex Limited, London, England. Producing washing-proof dyes of products manufactured from aqueous rubber dispersions. 1,912,939; June 6.
- Hauser, Hermann, and M. Bommer, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Hydroxyethylamino-derivatives of the anthraquinone series and making same. 1,911,316; May 30.
- Hauser, Kenneth D., assignor to Canteen Service Co., Portland, Ore. Flask. Des. 90,074; June 6.
- Hauser, Max, Wallisellen, near Zurich, Switzerland. Pottery product. 1,930,095; Oct. 10.
- Hauser, Oscar, Ozone Park, assignor to Kollmorgen Optical Corporation, Brooklyn, N. Y. Portable magnifier. 1,900,930; Mar. 14.
- Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ball mill lining. 1,921,672; Aug. 8.
- Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Valve for corrosive liquids. 1,931,320; Oct. 17.
- Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient motor support. 1,939,848; Dec. 19.
- Hausler, Martin G., and W. B. Murray, assignors to Great Lakes Dredge & Dock Company, Chicago, Ill. Shoe for drilling shafts. 1,909,352; May 16.
- Hausman, Sidney, Arlington, N. J., and W. Veit, New York, N. Y. Electric measuring instrument. 1,907,804; May 9.
- Hausner, Ben Z., Yonkers, N. Y. Snap fastener. 1,897,936; Feb. 14.
- Hausrath, Herbert, Karlsruhe, assignor to the Firm Neufeldt & Kuhne G. m. b. H., Kiel, Germany. Device for transmitting measured values to a distant point. 1,920,788; Aug. 1.
- Haussmann, Hans. (See Guenther and Haussmann.)
- Haussmann, Hans. (See Guenther, F., Muenz, and Haussmann.)
- Haussmann, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphonic acids. 1,931,491; Oct. 24.
- Haussmann, Otto G., Philadelphia, Pa. Ophthalmic lens. Des. 91,238; Dec. 26.
- Haussmann, Otto G., Philadelphia, Pa. Quin-focal ophthalmic lens. Des. 91,239; Dec. 26.
- Hawthaway, Clarence L., Newton, Mass. Dispersing rubber or rubber-like substances. 1,910,244; May 23.
- Hauts Fournieux & Aciéries de Differdange-St.-Ingbert Rumelange Societe Anonyme (called Hâdir). (See Bagnee, Justin.)
- Hautz, Edward H., Lakewood, Ohio. Aerating apparatus. 1,940,350; Dec. 19.
- Haux, Carl A. (See Agner, F. O., Haux, and Pierce.)
- Havas, Emeric, and H. R. Lee, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Chlorination of o-toluidine. 1,930,751; Oct. 17.
- Havas, Emeric, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of p-xylylene. 1,930,752; Oct. 17.
- Havas, Emeric, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of cresidine. 1,930,753; Oct. 17.
- Havas, Emeric, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of arylamines. 1,930,754; Oct. 17.
- Havel, Paul E., assignor to G. I. Goldwyn and H. Goldwyn, Chicago, Ill. Folder for sewing machines. 1,919,942; July 25.
- Haveles, Evangel A., Los Angeles, Calif. Restaurant check holder. 1,902,641; Mar. 21.
- Haveles, Evangel A., Los Angeles, Calif. Restaurant check holder and punching device. 1,903,028; June 6.
- Haveles, Evangel A., Los Angeles, Calif. Napkin holder. 1,916,615; July 4.
- Haveles, Evangel A., Los Angeles, Calif. Holder for restaurant checks and the like. 1,925,661; Sept. 5.
- Havemeyer, Henry O., Jr., Mahwah, N. J. Indicating means for turntables and the like. 1,905,707; Apr. 25.
- Haven, Edward G., Scotia, N. Y., assignor to General Electric Company. Instrument pointer. 1,913,201; June 6.
- Haven, Harry B. (See Lewis, A. J., Richardson, Spill, and Haven.)
- Haven, Louis, Seattle, Wash. Collar construction. 1,916,794; July 4.
- Havenhill, Robert S. (See Zimmerli, W. F., and Havenhill.)
- Havens, William D., Schenectady, N. Y. Compression pipe coupling. 1,925,533; Sept. 5.
- Havill, Clinton H., South Orange, assignor to Bendix Research Corporation, East Orange, N. J. Propeller. 1,893,861; Jan. 10.
- Havill, Clinton H., South Orange, N. J., assignor to Bendix Research Corporation, East Orange, N. J. Shock absorber. 1,912,840; June 6.
- Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,920,079; July 25.
- Havill, Clinton H., South Orange, assignor to Bendix Research Corporation, East Orange, N. J. Propeller. 1,934,668; Nov. 7.
- Havill, Clinton H., Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 1,912,979; June 6.
- Havill, Owen A., assignor to H. O. Schundler, New York, N. Y. Airship. 1,901,809; Mar. 14.
- Havlis, Adolph J., Cicero, assignor to F. & H. Manufacturing Company, Chicago, Ill. Bath device for bird cages and the like. 1,929,584; Oct. 10.
- Havranek, Emma M., Omaha, Nebr. Pencil sharpener. 1,937,340; Nov. 28.
- Hawaiian Pineapple Company. (See Tachi, Tadao, assignor.)
- Hawarth, Richard, & Company. (See Hayes, Levi, assignor.)
- Hawe, John E., St. Paul, Minn., assignor to Railway Engineering Equipment Company, Chicago, Ill. Locomotive terminal. 1,921,878; Aug. 8.
- Hawerlander, Adolf, assignor to Halizite Corporation, New York, N. Y. Compressed laminated products. 1,905,225; Apr. 25.
- Hawerlander, Adolf, assignor to A. D. Stewart, deceased, St. Joseph, Mo.; H. Stewart, administratrix. Manufacture of vegetable condensation products. 1,941,349; Dec. 26.
- Hawerlander, Adolf, assignor to A. D. Stewart, deceased, St. Joseph, Mo.; H. Stewart, administratrix. Treatment of vegetable fibers to separate and recover the fibrous and nonfibrous constituents. 1,941,350; Dec. 26.
- Hawerlander, Adolf, assignor to A. D. Stewart, deceased, St. Joseph, Mo.; H. Stewart, administratrix. Pectose resin and making same. 1,941,351; Dec. 26.
- Hawerlander, Adolf, assignor to A. D. Stewart, deceased, St. Joseph, Mo.; H. Stewart, administratrix. Making a pectous composition. 1,941,352; Dec. 26.
- Hawes, Charlie L., Ashtabula, Ohio. Polishing and grinding machine. 1,897,049; Feb. 14.
- Hawes, Frederick W. (See Forbes, F. M., and Hawes.)
- Hawes, Richard K., et al., trustees. (See Ousdahl, Adolph, assignor.)
- Hawes, Richard K., et al., trustees. (See Schweickart, William M., assignor.)
- Hawes, Richard K., et al. (See Warner, Edgar T., assignor.)
- Hawes, Susan M., Morristown, N. J. Cabinet for delivering measured quantities of materials. 1,931,385; Oct. 17.
- Hawie, Michael, Greens Farms, Conn. Garment buckle. 1,930,389; Oct. 10.
- Hawk, Walter D., Los Angeles, Calif. Automatic advertising station announcing system and method. 1,894,684; Jan. 17.
- Hawk, Walter D., Los Angeles, Calif. Rotary toothbrush. 1,927,566; Sept. 19.
- Hawk, Watson L., Long Beach, Calif. Torque control and automatic drill control. 1,904,765; Apr. 18.
- Hawker, Clifford F. (See Erisman, P. B., and Hawker.)
- Hawkins, Agnes, Chicago, Ill. Shoulder strap. 1,918,748; July 18.
- Hawkins, Bert H., Royal Oak, assignor to McCord Radiator & Manufacturing Company, Detroit, Mich. Safety device for punch presses. 1,939,006; Dec. 12.
- Hawkins, Charles, Cleveland, Ohio. Valve tool. 1,909,175; May 16.
- Hawkins, Charles A., San Francisco, Calif. Seat. 1,898,444; Feb. 21.
- Hawkins, Charles A., and H. L. Hirschler, San Francisco, and M. Lohrhop, Berkeley, Calif., assignors to Hawkins Patents, Ltd., Reno, Nev. Vehicle. 1,905,865; Apr. 25.
- Hawkins, Clyde D., Carrollton, Mo. Emulsulating implement. 1,927,234; Sept. 19.
- Hawkins, Edgar M., and O. M. Hoch, assignors to M. D. Knowlton Company, Rochester, N. Y. Shearing mechanism. 1,920,389; Aug. 1.
- Hawkins, Francis, et al. (See Muller, Wilhelm, assignor.)

- Hawkins, George C., J. G. Pomeroy, U. S. Navy, and L. R. Fiedler, Washington, D. C. Telephone system. 1,929,422; Oct. 10.
- Hawkins, George D. (See Hawkins, Walter S., G. D., and W. J.)
- Hawkins, George L., Carrollton, Mo. Combination toilet instrument. Des. 90,316; July 18.
- Hawkins, John H. (See Davis, A. L., and Hawkins.)
- Hawkins, Luty, Mount Vernon, Ill. Heating device. 1,904,786; Apr. 18.
- Hawkins Patents, Ltd. (See Hawkins, C. A., Hirschler, and Lothrop, assignors.)
- Hawkins, Raymond L., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Cooling means for internal combustion engines. 1,918,471; July 18.
- Hawkins, Rollyn, Indianapolis, Ind. Siphon cream remover. 1,897,194; Feb. 14.
- Hawkins, Sylvanus W. (See Crowther, H. R., and Hawkins.)
- Hawkins, Tom, Vinita, Okla. Fruit press. 1,915,187; June 20.
- Hawkins, Walter L., St. Louis, Mo., assignor to Duro Metal Products Company, Chicago, Ill. Spare wheel lock. 1,921,225; Aug. 8.
- Hawkins, Walter S., G. D., and W. J., Wilksburg, Pa. Antiglare shield. 1,918,701; July 18.
- Hawkins, Wilford J., Claiborne, Md., assignor to American Machine & Foundry Company, Noncorrosive alloy and making and using the same. 1,899,148; Feb. 28.
- Hawkins, Wilford J., Claiborne, Md., assignor to The Lakewest Corporation. Arched cap bottle seal. 1,927,212; Sept. 19.
- Hawkins, William B., Stockton, Calif. Carryall case for cameras. 1,925,694; Sept. 5.
- Hawkins, William J. (See Hawkins, Walter S., G. D., and W. J.)
- Hawkins, William S., Washington, D. C. Automobile seat cape. 1,899,327; Feb. 28.
- Hawkinson, Charles H., Chicago, Ill. Fishing apparatus. 1,934,536; Nov. 7.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Retreading tire casings. 1,917,261; July 11.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Apparatus for retreading tire casings. 1,917,262; July 11.
- Hawkinson, Paul E., Company. (See Hawkinson, Paul E., assignor.)
- Hawks, Joseph W., assignor to The Williams Bakery, Scranton, Pa. Food package. 1,908,841; May 16.
- Hawks, Miles W., Hayesville, Ohio. Garage door operating mechanism. 1,933,904; Nov. 7.
- Hawks, William K., Battle Creek, Mich., assignor, by mesne assignments, to The Parval Corporation, Cleveland, Ohio. Valve for lubricating systems. 1,933,905; Nov. 7.
- Hawksworth, David W., Birmingham, and S. J. Stone, assignors to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 1,893,549; Jan. 10.
- Hawksworth, David W., Birmingham, and A. R. Wilson, assignors to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 1,926,742; Sept. 12.
- Hawley, Bert, Binghamton, assignor of fifty-one per cent to W. H. Hill, Johnson City, N. Y. Brake tester. 1,906,750; May 2.
- Hawley, Charles G., Chicago, Ill. Dust separator. 1,896,895; Feb. 7.
- Hawley, Charles G., Chicago, Ill. Centrifugal separator. 1,933,588; Nov. 7.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Gas conditioner. 1,894,744; Jan. 17.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal fixture. 1,896,894; Feb. 7.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Steam separator. 1,896,896; Feb. 7.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal steam conditioner. 1,896,897; Feb. 7.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Line separator and grader. 1,930,476; Oct. 17.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal separator. 1,931,193; Oct. 17.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Centrifugal separator. 1,931,194; Oct. 17.
- Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Dust separator for railway cars. 1,935,778; Nov. 21.
- Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,936,193; Nov. 21.
- Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,943,800; Nov. 14.
- Hawley, Kent A. (See Plimpton, B. A., and Hawley, assignors.)
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Strain insulator. 1,892,888; Jan. 3.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator connection. 1,910,333; May 23.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Releasing clamp. 1,916,950; July 4.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Fused grading shield. 1,926,871; Sept. 12.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Releasing clamp. 1,929,423; Oct. 10.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Releasing clamp. 1,929,553; Oct. 10.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Conductor clamp. 1,937,517; Dec. 5.
- Hawley, Kent A., assignor to Locke Insulator Corporation, Baltimore, Md. Protecting apparatus for insulators. 1,940,591; Dec. 19.
- Hawley, Robert C., assignor to Hannum Manufacturing Company, Milwaukee, Wis. Steering column switch and wiring assembly. 1,926,335; Sept. 12.
- Hawley, William G., Elmira, N. Y. Rotary pump. 1,922,951; Aug. 15.
- Haworth, Francis E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic testing. 1,907,105; May 2.
- Haworth, Gordon. (See Churchhill, A., and Haworth.)
- Haws, James C., Houston, Tex. Attachment for cartons. 1,935,026; Nov. 14.
- Hawthorne, Herbert J., Conroe, Tex. Detachable blade drag bit. 1,919,553; July 25.
- Hawthorne, Louis A. (See Zimmer, R. M., and Hawthorne.)
- Hawthurst, John J., assignor to Hayward Manufacturing Company, Inc., Brooklyn, N. Y. Oil burner. 1,935,318; Nov. 14.
- Hay, Robert S., et al. (See Esterling, William M., assignor.)
- Hay, Samuel F., Metuchen, assignor to Isbell-Porter Company, Newark, N. J. Direct heated vertical retort. 1,895,284; Jan. 24.
- Hay, Stephen. (See Leech, W. J. B., Hay, Hollings, and Burton.)
- Hay, William B., Portland, Me. Blade holder. 1,913,236; June 6.
- Hay, William B., Portland, Maine. Blade holder. 1,936,016; Nov. 21.
- Hayden, Arthur C., Brockton, Mass. Motion picture projector apparatus. 1,895,794; Jan. 31.
- Hayden, Arthur C., Brockton, Mass. Machine for inspecting, splicing and rewinding motion picture films. 1,916,311; July 4.
- Hayden, Arthur C., Brockton, Mass. Motion picture film reel. 1,926,588; Sept. 12.
- Hayden, David H., New York, N. Y. Pipe construction. 1,935,052; Nov. 14.
- Hayden, George D. (See Oxford, C. J., and Hayden.)
- Hayden, Harold R., Brooklyn, N. Y. Signal receiving system. 1,921,226; Aug. 8.
- Hayden, Howard A., Detroit, Mich. Connecting rod end. 1,903,863; Apr. 18.
- Hayden, Kenneth L., Brooklyn, N. Y. Cap for collapsible tubes. 1,913,274; June 6.
- Hayden, Lester N., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable fastener and attaching means for the same. 1,910,951; May 23.
- Hayden, Oliver M. (See Calcott, W. S., Douglass, and Hayden.)
- Haydon, Arthur W. (See Putnam, J. R., and Haydon.)
- Haydon, Arthur W., Waterbury, Conn. Electric motor. 1,935,208; Nov. 14.
- Haydon, Arthur W., assignor to Waterbury Clock Company, Waterbury, Conn. Alarm clock. 1,907,106; May 2.
- Hayes, Anson, Middletown, Ohio, and H. O. Breaker, assignors to Industrial Furnace Corporation, Buffalo, N. Y. Heat treating white iron castings. 1,915,091; June 20.
- Hayes, Anson, Middletown, Ohio, E. E. Walker and J. J. White, Erie, Pa., assignors to Industrial Furnace Corporation, Buffalo, N. Y. Heat treating white iron castings. 1,932,664; Oct. 31.
- Hayes Body Corporation. (See Nelson, A. L., and Pease, assignors.)
- Hayes, Charles L., assignor to Rolla and Company, Brooklyn, N. Y. Cushion. 1,917,970; July 11.
- Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 1,904,046; Apr. 18.
- Hayes, Frank A., Middletown, N. J. Variable speed power transmission mechanism. 1,919,218; July 25.
- Hayes, Frank A., Middletown, N. J. Friction transmission control device. 1,937,697; Dec. 5.
- Hayes, Fred B., Fort Wayne, Ind. Grate construction. 1,899,033; Feb. 28.
- Hayes-Gratze, Eugene V., Kensington, London, England. Extraction and treatment of vegetable fibers and the product resulting therefrom. 1,913,202; June 6.
- Hayes-Gratze, Eugene V., London, England. Machine for use in scouring either wool and other animal fibers or vegetable fibers. 1,914,599; June 20.
- Hayes-Gratze, Eugene V., Kensington, London, England. Treatment of wool and other animal fibers. 1,927,588; Sept. 19.

- Hayes, Hammond V., assignor to Submarine Signal Company, Boston, Mass. Portable direction finder. 1,923,976; Aug. 22.
- Hayes, Harold O. (See Baldof, B. E., and Hayes.)
- Hayes, Harry R., Brooklyn, N. Y. Combined automobile hood, radiator, and headlight. Des. 89,759; May 2.
- Hayes, Harvey C., Washington, D. C. Method and apparatus for sound ranging. 1,900,015; Mar. 7.
- Hayes, Harvey C., Washington, D. C. Electrically driven pendulum. 1,910,434; May 23.
- Hayes, Harvey C., Washington, D. C. Vibration detector. 1,923,088; Aug. 22.
- Hayes, James H. (See Damsel, William C., assignor.)
- Hayes, John C., jr., and C. G. Bigelow, assignors to Freyn Engineering Company, Chicago, Ill. Checker support. 1,916,370; July 4.
- Hayes, John H., Kew Gardens, N. Y. Bed tray. 1,894,991; Jan. 24.
- Hayes, Levi, Pendleton, assignor of one-half to Richard Hawarth & Company Limited, Manchester, England. Weft-pile velvet. 1,898,050; Feb. 21.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Scotch block. 1,910,389; May 23.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Bumper post. 1,910,990; May 23.
- Hayes, Stuart J., assignor to Ludlow Manufacturing Associates, Ludlow, Mass. Fish net. 1,917,937; July 11.
- Hayes, Stuart J., assignor to Ludlow Manufacturing Associates, Ludlow, Mass. Thread. 1,917,938; July 11.
- Hayes, Thomas R., Monrovia, Calif. Chair. 1,898,834; Feb. 21.
- Hayes, Thomas R., Monrovia, Calif. Chair. 1,925,246; Sept. 5.
- Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
- Hayford, Walter S., Morristown, and C. R. Moore, Maplewood, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated. Metal-rolling tool. 1,896,512; Feb. 7.
- Hayford, Walter S., Morristown, and J. R. Townsend, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing machine. 1,937,115; Nov. 28.
- Hayhurst, Robert P., Nelson, England. Track apparatus for spectacular performances. 1,895,285; Jan. 24.
- Haymond, Paul, Fairmont, W. Va. Defrosting apparatus. 1,912,841; June 6.
- Hayn, Georg, Kassel, Germany. Coal dust furnace. 1,896,189; Feb. 7.
- Hayne, C. C., et al. (See Hayne, Ernest S., assignor.)
- Hayne, Ernest S., assignor of one-third to J. T. Large and one-third to C. C. Hayne, Birmingham, Ala. Draft regulator. 1,900,340; Mar. 7.
- Haynes, Artemas J. (See Vernet, S., and Haynes.)
- Haynes, Charles C., Omaha, Nebr. Power operated massage belt. 1,919,062; July 18.
- Haynes, Charles M., Chillicothe, Ohio. Bean-snipping machine. 1,913,837; June 13.
- Haynes, Harry N., et al. (See Crane, Hubert R., assignor.)
- Haynes, Stanley C., Wilmington, Calif., assignor, by mesne assignments, to Lapp Insulator Company, Inc., Le Roy, N. Y. Radio aerial. 1,929,845; Oct. 10.
- Haynes Stellite Company. (See Brown, Lucian H., assignor.)
- Haynes Stellite Company. (See Harris, A. V., and Wissler, assignors.)
- Haynes Stellite Company. (See Wissler, William A., assignor.)
- Haynn, Richard, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacturing piece-dyed woolen fabrics containing effects of silk. 1,898,125; Feb. 21.
- Hays, Albert B. (See Thomas, H. T., Furgason, and Hays.)
- Hays, David, Bridgeport, Conn., assignor to General Electric Company. Lamp supporting structure and the like. 1,927,796; Sept. 19.
- Hays, Ralph C., Liberal, Kans. Tank filler. 1,913,078; June 6.
- Hays, Will C., Fresno, Calif. Means for positioning the arm, wrist, and hand on a violin. 1,906,594; May 2.
- Hayter, Bernie S., Waco, Tex. Changeable exhibitor. 1,900,059; Mar. 7.
- Haythorn, Walter P., Ogallala, Nebr. Gate securing means. 1,899,149; Feb. 28.
- Haythorne, Will K., San Antonio, Tex. Commercial display unit. Des. 90,367; July 25.
- Haytock, Benjamin, jr., assignor to Chipman Knitting Mills, Easton, Pa. Hosiery. 1,915,929; June 27.
- Hayward Company, The. (See Brendlin, Herman J., assignor.)
- Hayward, Franklin P., East Braintree, Mass. Chair. Des. 90,317; July 18.
- Hayward, Irving M., Brooklyn, N. Y. Oil burner. 1,928,688; Oct. 3.
- Hayward, John M., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Portable telephone set. 1,930,270; Oct. 10.
- Hayward, Malcolm M., New York, N. Y. Folding portable bar. 1,913,387; June 13.
- Hayward Manufacturing Company. (See Hawxburst, John J., assignor.)
- Haywood, John W., New York, N. Y., assignor to Thomas R. Brooks, Scranton, Pa. Controller for vacuum-operated directional signals. 1,928,452; Sept. 26.
- Hazard, Charles S., Flushing, assignor to Neptune Meter Company, New York, N. Y. Liquid pump. 1,911,503; May 30.
- Hazard-Flamand, Maurice, Douai, France. Liquefying and rectifying air. 1,901,389; Mar. 14.
- Hazel-Atlas Glass Co. (See Algeo, Albert M., assignor.)
- Hazel-Atlas Glass Co. (See Algeo, Albert M., and Haub, assignors.)
- Hazel-Atlas Glass Company. (See Algeo, John S., assignor.)
- Hazel-Atlas Glass Company. (See Beeson, Arthur W., assignor.)
- Hazel-Atlas Glass Co. (See Bowman, Samuel B., assignor.)
- Hazel-Atlas Glass Co. (See Bowman, S. B., and Stenhouse, assignors.)
- Hazel-Atlas Glass Co. (See Bowman, S. B., Haub, and Jackson, assignors.)
- Hazel-Atlas Glass Company. (See Brady, Hugh S., assignor.)
- Hazel-Atlas Glass Company. (See Cordy, Ivor, assignor.)
- Hazel-Atlas Glass Company. (See Crosbie, Francis L., assignor.)
- Hazel-Atlas Glass Co. (See Freese, Ira H., assignor.)
- Hazel-Atlas Glass Company. (See Good, Robert, assignor.)
- Hazel-Atlas Glass Co. (See Gray, Daniel M., assignor.)
- Hazel-Atlas Glass Co. (See Gray, D. M., and Williams, assignors.)
- Hazel-Atlas Glass Company. (See Grey, Louis P., assignor.)
- Hazel-Atlas Glass Company. (See McNash, James N., assignor.)
- Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
- Hazel-Atlas Glass Co. (See Southwick, C. A., jr., assignor.)
- Hazel-Atlas Glass Co. (See Stenhouse, David, assignor.)
- Hazel-Atlas Glass Co. (See Stenhouse, Thomas, assignor.)
- Hazel-Atlas Glass Co. (See Stenhouse, Thomas and D., assignors.)
- Hazel-Atlas Glass Co. (See Sturn, Ralph D., assignor.)
- Hazel-Atlas Glass Co. (See Williams, John J., assignor.)
- Hazel-Atlas Glass Co. (See Williams, J. J., and Gray, assignors.)
- Hazel, Eardley, New York, N. Y., assignor to Revere Rubber Company, Providence, R. I. Method and apparatus for the manufacture of filamentary material. 1,902,953; Mar. 28.
- Hazel, Ernest, jr. (See Hazel, Ernest C., and E. Hazel, jr.)
- Hazel, Ernest C., jr. (See Hazel, Ernest C. and E. C., jr.)
- Hazel, Ernest C. and E. C., jr., Atchison, Kans. Cover for permanently bound books. 1,905,093; Apr. 25.
- Hazel, Ernest C., and E. Hazel, jr., Atchison, Kans. Loose leaf record book. 1,925,719; Sept. 5.
- Hazel, Melvin R., et al. (See Knight, Clarence F., assignor.)
- Hazeley, Edward. (See Hegan, H. J., and Hazeley.)
- Hazell, Eardley, New York, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Rubber cement. 1,916,421; July 4.
- Hazell, Eardley, New York, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Method of and apparatus for improving articles deposited from rubber dispersions. 1,931,002; Oct. 17.
- Hazeltine Corporation. (See Fedotoff, Nicholas V., assignor.)
- Hazeltine Corporation. (See MacDonald, William A., assignor.)
- Hazeltine Corporation. (See Trube, Carl E., assignor.)
- Hazeltine Corporation. (See Walsh, Lincoln, assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
- Hazeltine Corporation. (See Whitman, Vernon E., assignor.)
- Hazeltine, Louis A., Hoboken, N. J., assignor to General Electric Company. Method and apparatus for converting electric power. 1,904,455; Apr. 18.
- Hazeltine, Reginald, Chicopee Falls, Mass. Acid resisting alloy. 1,930,956; Oct. 17.
- Hazeltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,911,954; May 30.
- Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,894,399; Jan. 17.
- Hazelton Manufacturing Co. (See Getz, Vernon C., assignor.)
- Hazelton, Robert T., assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Clapper box. 1,896,360; Feb. 7.
- Hazleton, George. (See Gouldbourn, J., and Hazleton.)
- H'Doubler, Charles W., Springfield, Mo. Power transmitting mechanism. 1,909,581; May 16.
- H'Doubler, Charles W., Springfield, Mo. Illuminating device for sewing machines or the like. 1,924,157; Aug. 29.
- H'Doubler, Charles W., Springfield, Mo. Thread control mechanism. 1,938,018; Dec. 5.
- Heacock, Foster J., Clearville, Pa. Shipping container. 1,909,272; May 16.

- Heacock, Nathan A., Decatur, Ill. Irrigation and drainage system. 1,895,324; Jan. 24.
- Head, Drew, Chicago, Ill. Shock absorber. 1,921,121; Aug. 8.
- Head, Drew, Chicago, Ill. Steering gear mechanism. 1,921,122; Aug. 8.
- Head, Ernest C., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 1,898,051; Feb. 21.
- Head, Ernest C., assignor to Gleason Works, Rochester, N. Y. Cutting gears. 1,903,043; Mar. 28.
- Head, Ernest C., assignor to Gleason Works, Rochester, N. Y. Grinding apparatus. 1,903,967; Apr. 18.
- Head, Ernest C., assignor to Gleason Works, Rochester, N. Y. Gear cutter. 1,913,486; June 13.
- Headon, Frank, Great Neck, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,279; Feb. 14.
- Headon, Frank, Great Neck, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,280; Feb. 14.
- Heagerty, William, Johnston, assignor to National Steel Boiler Company, Lebanon, Pa. Boiler. 1,908,605; May 9.
- Heald, Joseph O., Laramie, Wyo. Ratchet wrench. 1,913,669; June 13.
- Heald Machine Company, The. (See Blood, Harold L., assignor.)
- Heald Machine Company, The. (See Booth, Clement, assignor.)
- Heald Machine Company, The. (See Dahlin, Carl R., assignor.)
- Heald Machine Company, The. (See Einstein, Sol., assignor.)
- Heald Machine Company, The. (See Geier, F. V., and Haas, assignors.)
- Heald Machine Company, The. (See Guild, Waldo J., assignor.)
- Heald Machine Company, The. (See Guimby, Ralph A., assignor.)
- Heald Machine Company, The. (See Haas, Frederick S., assignor.)
- Heald Machine Company, The. (See Heald, Richard A., assignor.)
- Heald Machine Company, The. (See Heald, R. N., and Taylor, assignors.)
- Heald Machine Company, The. (See Scaife, Joseph D., assignor.)
- Heald Machine Company, The. (See Schmidt, William D., assignor.)
- Heald, Richard A., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,909,953; May 23.
- Heald, Roger N., and E. M. Taylor, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,903,562; Apr. 11.
- Heale, Henry T., and D. Finnes, London, England. Swivel-coupling. 1,927,367; Sept. 19.
- Health Developing Apparatus Company. (See Hardy, Peter S., assignor.)
- Health-O-Meter Company. (See Vanderhoff, Russell E., assignor.)
- Health-O-Meter Company, The. (See Weber, Mathias J., assignor.)
- "Health" Ray Mfg. Co. (See Gruber, William R., assignor.)
- Healy-Davidson Corporation. (See Healy, Wesley P., assignor.)
- Healy, Edward J., Baltimore, Md. Race-starting gate. 1,916,951; July 4.
- Healy, James H. (See Healy, John A. and J. H.)
- Healy, John A., Langdon, and J. H. Healy, Mahomed, Minn. Wall support for plumbing fixtures. 1,930,314; Oct. 10.
- Healy, John F., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Price tag and holder. 1,904,456; Apr. 18.
- Healy, John F., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Price tag and holder. 1,904,457; Apr. 18.
- Healy, Raymond, New York, N. Y. Court marking tape. 1,897,801; Feb. 14.
- Healy, Wesley P., Waukegan, assignor, by mesne assignments, to Healy-Davidson Corporation, Chicago, Ill. Electrical switch. 1,898,626; Feb. 21.
- Healy, William J., Rockwood, Pa. Hedge trimmer. 1,930,934; Oct. 17.
- Heaney, Donald, East Lynn, assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Composite shingle. 1,936,055; Nov. 21.
- Heaney, Mark F., Cambridge, Mass., assignor of forty per cent to B. B. Benjamin, New Orleans, La. Apparatus for and art of carburization. 1,939,302; Dec. 12.
- Heany, John A., New Haven, Conn., assignor to Sirlan Lamp Company, Newark, N. J. Producing yttrium and metals of the yttrium group. 1,905,866; Apr. 25.
- Heany, John A., New Haven, Conn., assignor, by mesne assignments, to Heany Transmission Company. Transmission mechanism. 1,922,804; Aug. 15.
- Heany Transmission Company. (See Heany, John A., assignor.)
- Heap, John Hudson, Rochdale, England. Dyeing. 1,896,954; Feb. 7.
- Heaps, Ross D., Lockport, Ill. Water heating apparatus. 1,896,671; Feb. 7.
- Heard, Edmund F. (See Hall, Allen E., assignor.)
- Heard, James J., Phoenix, Ariz. Automatic pressure valve seal cap for collapsible tubes. 1,905,936; Apr. 25.
- Hearle, Louis B., and H. G. Hudson, Wilson, assignors of one-half to Jones Everett Machine Co., Ardmore, Okla. Testing tool. 1,892,837; Jan. 8.
- Hearn, Edmund B., Porterville, Calif. Self turning device for poultry waterers. 1,909,401; May 16.
- Hearn, George K., Arlington Heights, Ill., assignor to Westinghouse Electric Elevator Company. Elevator-control system. 1,932,038; Oct. 24.
- Hearn, George K., Chicago, Ill., P. B. Barton, New York, N. Y., and W. F. Eames, Edgewood, Pa., assignors to Westinghouse Electric and Manufacturing Company. Automatically operated elevator door. 1,934,500; Nov. 7.
- Hearn, Richard B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 1,913,443; June 13.
- Hearn, Richard B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater circuit. 1,917,885; July 11.
- Hearn, Walter P., Tucson, Ariz. Water supply system and valve therefor. 1,914,423; June 20.
- Hearn, Walter R. (See Doering, Frank F. W., assignor.)
- Heaslet, James G., Shaker Heights, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Steering lever control. 1,893,775; Jan. 10.
- Heaslet, James G., Shaker Heights, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Lubricating means. 1,917,584; July 11.
- Heasley, Lloyd E., Holland, Mich., assignor to Hart & Cooley Manufacturing Company, Chicago, Ill. Friction hinge. 1,922,365; Aug. 15.
- Heat Treating Company. (See Doherty, Henry L., assignor.)
- Heat Treating Company. (See Laird, Wilbur G., assignor.)
- Heath, Amos E., Washington, D. C. Portable beach apparatus. 1,940,051; Dec. 19.
- Heath, Annie E., et al. (See Anderson, Mabel V., assignor.)
- Heath, Frank M., Silver Spring, Md. Ventilated horse collar cushion. 1,893,079; Jan. 3.
- Heath, Leslie O., assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for speed control. 1,897,376; Feb. 14.
- Heath, Oliver J. (See Yager, G. F., and Heath.)
- Heath, Sheldon B. (See Barstow, E. O., and Heath.)
- Heath, Sheldon B. (See Strosacker, C. J., and Heath.)
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Purification of calcium chlorate. 1,893,740; Jan. 10.
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Powdered anhydrous magnesium chloride and making same. 1,896,406; Feb. 7.
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Distilling hydrochloric acid. 1,906,467; May 2.
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Prepared calcium chloride and making same. 1,922,697; Aug. 15.
- Heath, Sheldon B., and H. A. Reimers, assignors to The Dow Chemical Company, Midland, Mich. Making ammonium chloride. 1,919,943; July 25.
- Heath, Sheldon B., and M. O. Keller, assignors to The Dow Chemical Company, Midland, Mich. Purifying ethylene dibromide. 1,921,157; Aug. 8.
- Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Making hydrochloric acid. 1,921,388; Aug. 8.
- Heath, Sheldon B., and O. E. Barstow, assignors to The Dow Chemical Company, Midland, Mich. Treating materials with hydrochloric acid gas at elevated temperatures. 1,927,660; Sept. 19.
- Heath, Sheldon B., G. Cannon, and O. E. Barstow, assignors to The Dow Chemical Company, Midland, Mich. Rotary apparatus for contacting gaseous and nongaseous materials and gas sealed joint therefor. 1,930,756; Oct. 17.
- Heath, Spencer, Elkridge, assignor to The American Propeller Company, Baltimore, Md. Propeller. 1,904,733; Apr. 18.
- Heath, Spencer, assignor to The American Propeller Company, Baltimore, Md. Blade for windmill impellers. 1,919,588; July 25.
- Heath, Tarlton F., Charlotte, N. C., assignor to Baxter-Lane Paper Corporation, New York, N. Y. Cloth winding board. 1,899,195; Feb. 28.
- Heather, Frederick, Sudbury Hill, Harrow, England. Air cleaner. 1,930,357; Oct. 10.
- Heather, George B., assignor to The Wire Novelty Manufacturing Company, West Haven, Conn. Button loop. 1,918,334; July 18.
- Heaton, Dwight R. P., Chappaqua, N. Y. Automobile headlight. 1,927,642; Sept. 19.
- Heaton, Herman C. (See Rossman, A. M., and Heaton.)
- Heaton, Herman C., Chicago, Ill. Process and apparatus for generating vapors. 1,905,283; Apr. 25.
- Heaton, Herman C., Chicago, Ill. Indicator means for ignition systems and the like. 1,907,069; May 2.
- Heaton, Herman C., Chicago, Ill. Steam boiler. 1,912,197; May 30.
- Heaton, Herman C., Chicago, Ill. Gas generator. 1,921,465; Aug. 8.

- Heaton, Herman C., Chicago, Ill. Fuel burning furnace. 1,929,424; Oct. 10.
- Heaton, Herman C., Chicago, Ill. Furnace. 1,929,889; Oct. 10.
- Heaton, Herman C., Chicago, Ill. Ignition system. 1,931,225; Oct. 17.
- Heaton, Nathan C., Maywood, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Stamp canceling machine. 1,914,502; June 20.
- Heavey, Thomas J., U. S. Army, Fort Riley, Kans. Mounting for machine guns. 1,903,508; Apr. 11.
- Hebbel, Konrad, Dessau-in-Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Anthialation layer and halation-proof photographic material. 1,923,485; Aug. 22.
- Hebden, Frank S., Chicago, Ill., assignor to Merrick Scale Mfg. Company, Passaic, N. J. Weighing mechanism. 1,927,263; Sept. 19.
- Heberlein & Co., A. G. (See Karrer, Paul, assignor.)
- Heberlein, Georges, and A. Bodmer, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Treating vegetable fibrous material and resulting product. 1,896,620; Feb. 7.
- Heberlein Patent Corporation. (See Heberlein, G., and Bodmer, assignors.)
- Heberlein Patent Corporation. (See Zänker, Waldemar, assignor.)
- Hebert, Onesime, and R. Drouin, Waterville, Maine. Garage door operating and locking means. 1,931,727; Oct. 24.
- Hebig, Henry C., assignor to E. Q. Moses, New York, N. Y. Sponge rubber soap holder. 1,908,017; May 9.
- Hebler, Arthur F. (See Skareen, Oscar F., assignor.)
- Hebler, William O., assignor to Charles Engelhard, Inc., Newark, N. J. Temperature indicating device. 1,907,540; May 9.
- Hebler, William O., Newark, N. J., and W. F. Hamilton, New York, N. Y., assignors to Charles Engelhard, Inc., Newark, N. J. Construction of thermal conductivity cells. 1,918,702; July 18.
- Hechenbleikner, Ingeniun, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Phosphoric acid manufacture. 1,894,514; Jan. 17.
- Hechenbleikner, Ingeniun, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Catalytic apparatus. 1,894,768; Jan. 17.
- Hechenbleikner, Ingeniun, assignor to Chemical Construction Corporation, Charlotte, N. C. Manufacturing SO₂ gas. 1,900,239; Mar. 7.
- Hechenbleikner, Ingeniun, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Nitric acid concentration. 1,921,255; Aug. 8.
- Hechenbleikner, Ingeniun, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Sulphur bearing ore furnace. 1,923,868; Aug. 22.
- Hechenbleikner, Ingeniun, Charlotte, N. C., assignor, by mesne assignments, to Chemical Construction Corporation. Converter. 1,927,493; Sept. 19.
- Hechenbleikner, Ingeniun, assignor to Chemical Construction Corporation, Charlotte, N. C. Apparatus for the treatment of gaseous products. 1,929,246; Oct. 8.
- Hechenbleikner, Ingeniun, and N. Titlestad, assignors, by mesne assignments, to Chemical Construction Corporation, Charlotte, N. C. Converter. 1,894,992; Jan. 24.
- Hechenbleikner, Ingeniun, and N. Titlestad, assignors, by mesne assignments, to Chemical Construction Corporation, Charlotte, N. C. Ammonia oxidizing apparatus. 1,898,775; Feb. 21.
- Hechenbleikner, Ingeniun, Charlotte, N. C., and S. F. Spangler, Philadelphia, Pa., assignors to Chemical Construction Corporation, Charlotte, N. C. Nitric acid concentration. 1,916,887; July 4.
- Hechenbleikner, Ingeniun and N. Titlestad, assignors to Chemical Construction Corporation, Charlotte, N. C. Method and apparatus for the liberation or concentration of acids by heating under reduced pressure. 1,920,807; Aug. 1.
- Hecht, Heinrich, Kiel, and H. Stenzel, Berlin, assignors to Electroacoustic Gesellschaft mit beschränkter Haftung, Kiel, Germany. Arrangement for direction transmission and reception with a plurality of oscillators. 1,893,741; Jan. 10.
- Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht, Incorporated. Making tension wheels. 1,904,458; Apr. 18.
- Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht Incorporated. Metal wheel structure. 1,920,859; Aug. 1.
- Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht, Incorporated. Making tension wheels. 1,934,537; Nov. 7.
- Hecht, Leopold, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixed fertilizer. 1,931,819; Oct. 24.
- Hechtenberg, Wilhelm. (See Herz, R., and Hechtenberg.)
- Hechtenberg, Wilhelm. (See Herz, R., Schubert, and Hechtenberg.)
- Hechtenberg, Wilhelm. (See Zerweck, W., and Hechtenberg.)
- Heck, John T., assignor to Da-Lite Screen Co., Chicago, Ill. Portable picture screen stand. 1,917,369; July 11.
- Heck, Valentin, Heidelberg, Germany. Quilter for sewing machines. 1,918,643; July 18.
- Heckel, Hermann, Cincinnati, assignor to The Twitchell Process Company, St. Bernard, Ohio. Flexible transparent gelatinous product. 1,902,304; Mar. 21.
- Heckel, Hermann, Cincinnati, assignor to The Twitchell Process Company, St. Bernard, Ohio. Ink and the like and making. 1,906,961; May 2.
- Heckel, Hermann, Cincinnati, assignor to The Twitchell Process Company, St. Bernard, Ohio. Emulsified ink and paint. 1,906,962; May 2.
- Heckel, Rudolph J., Rochester, Pa. Device for the manufacture of pipe fittings. 1,923,372; Aug. 22.
- Heckendorn, Alphonse. (See Haller, R., and Heckendorn.)
- Hecker, Arthur E., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Synthetic production of ammonia. 1,940,860; Dec. 26.
- Hecker, Edward, assignor to Seneca Silk Co., Inc., New York, N. Y. Textile fabric. Des. 90,275; July 4.
- Heckersdorf, Walter, and H. Poppenhaeger, Detroit, Mich. Micrometer attachment. 1,910,467; May 23.
- Hecking, William A. S., Teaneck, assignor of one-half to Joseph F. O'Brien, Englewood, N. J. Pen, pen-point, and process of making same. 1,909,616; May 16.
- Hedkman, W. H. (See Melley, J. J., and Chapman, assignors.)
- Heckmanns, Franz. (See Lehmann, R., Heckmanns, Dobermaier, and Willems.)
- Heckmanns, Franz. (See Rath, C., and Heckmanns.)
- Hecox, Emery D., Columbus, Ohio. Apparatus for producing musical tones and sounds. 1,893,838; Jan. 10.
- Hecox, Rodney B., Bakersfield, and O. R. Turley, Taft, Calif. Guy wire slide. 1,935,711; Nov. 21.
- Hedberg, Roy E., Grenfell, Saskatchewan, Canada. Separating device. 1,923,200; Aug. 22.
- Hedde, Henry G., Rosalia, Kans. Auto brake testing device. 1,923,373; Aug. 22.
- Hedde, Marie C. R., assignor to the firm La Société dite: Société Nouvelle de Metallisation, Paris, France. Apparatus for metallizing by the melting and projection of metals. 1,928,425; Sept. 26.
- Hedden, Victor R., New York, N. Y. Window cleaning device. 1,920,860; Aug. 1.
- Heddon, Charles, assignor to James Heddon's Sons, Dowagiac, Mich. Line guide. 1,923,263; Aug. 22.
- Heddon, Charles, assignor to James Heddon's Sons, Dowagiac, Mich. Artificial bait. 1,926,720; Sept. 12.
- Heddon's, James, Sons. (See Bear, Paul S., assignor.)
- Heddon's, James, Sons. (See Heddon, Charles, assignor.)
- Heddon's, James, Sons. (See Jamar, Mitchell F., Jr., assignor.)
- Heddon's, James, Sons. (See Yarvice, Charles, assignor.)
- Hedeen, Arthur J. G. Holifer, and V. S. Landess, assignors to Barry Cert. Portland, Oreg., trustee. Coaster wagon. 1,900,108; Mar. 7.
- Hedenstrom, Ernest A., Minneapolis, Minn. Welding and cutting machine. 1,931,896; Oct. 24.
- Hedfors, Arvid O., Stockholm, Sweden. Manufacture of links for chain cables. 1,923,201; Aug. 22.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,910,991; May 23.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,910,992; May 23.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,140; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,141; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,142; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,143; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,144; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,145; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,146; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,147; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,148; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,149; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,150; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,151; June 27.
- Hedgecock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,152; June 27.

- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,153; June 27.
- Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,926,678; Sept. 12.
- Hedgcock, William C., assignor to American Steel Foundries, Chicago, Ill. Brake supporting mechanism. 1,936,392; Nov. 21.
- Hedgcock, William C., Wilmette, and R. F. Darby, Oak Park, assignors to American Steel Foundries, Chicago, Ill. Truck. 1,916,138; June 27.
- Hedgcock, William C., Wilmette, and R. F. Darby, Oak Park, assignors to American Steel Foundries, Chicago, Ill. Truck. 1,916,139; June 27.
- Hedglon, Mead, assignor to M. L. Oberdorfer Brass Company, Syracuse, N. Y. Fire trap for internal combustion engines. 1,898,126; Feb. 21.
- Hediger, Ernst, assignor to The Globar Corporation, Niagara Falls, N. Y. Electrical resistor and manufacture thereof. 1,894,685; Jan. 17.
- Hediger, Ernst, assignor to Globar Corporation, Niagara Falls, N. Y. Silicon carbide resistor and manufacture thereof. 1,906,853; May 2.
- Hedlund, Nels J. (See Solle, H. L., and Hedlund.)
- Hedlund, Ralph V., Worcester, Mass. Forming fully rounded corners on sheet metal furniture. 1,929,742; Oct. 10.
- Hedlund, William T., Mount Vernon, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,922,203; Aug. 15.
- Hedly, Arthur H., assignor to Ludlow Typograph Company, Chicago, Ill. Matrix stick. 1,923,823; Aug. 22.
- Hedman, Herbert R. (See Carlson, John W., assignor.)
- Hedmen Manufacturing Company. (See Carlson, John W., assignor.)
- Hedrich, Otto H., Altadena, Calif. Cooling system for furnace walls. 1,936,161; Nov. 21.
- Hedrich, Richard, Los Angeles, assignor of one-half to Percy R. Bissell, Glendale, Calif. Producing building slabs. 1,920,982; Aug. 8.
- Hedrick, Gale H., Glenshaw, Pa. Aerial bomb. 1,917,263; July 11.
- Hedricks, Grant, Lancaster, Pa. Score card. 1,927,342; Sept. 19.
- Hedricks, Grant, Lancaster, Pa. Golf score plate or card. 1,934,538; Nov. 7.
- Hedstrom, Erik Helmer, Houston, Tex., and T. Zuschlag, assignors to Swedish American Prospecting Corporation, New York, N. Y. Determining the direction of alternating ground fields. 1,912,036; May 30.
- Hedstrom, Eric L., Buffalo, N. Y. Coupling for detachably connecting the handle and neck of tennis racket shafts and similar members. 1,897,515; Feb. 14.
- Heekin Can Company, The. (See Browning, John K., assignor.)
- Heekin Can Company, The. (See Peyser, Joseph, assignor.)
- Heekin Can Company et al, The. (See Noll, Clement J., assignor.)
- Heelan, Adelaide, assignor of one-half to J. G. Jones, jr., St. Louis, Mo. Stocking protector. 1,894,866; Jan. 17.
- Heenan & Froude Limited. (See Bulgin, William J., assignor.)
- Heene, George W., Cleveland, Ohio. Embossing and vending apparatus. 1,894,465; Jan. 17.
- Heeren, Reinhard L., Brooklyn, N. Y., and C. W. Stevens, Columbus, Ohio. Sealing device. 1,908,241; May 9.
- Heering, Harald, Copenhagen, Denmark. Scoring device for contract bridge. 1,921,673; Aug. 8.
- Heermans, Thomas M., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Machine drive. 1,914,918; June 20.
- Heermans, Thomas M., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Centrifugal pump. 1,914,919; June 20.
- Heeter, Allen F. (See Buhke, A. E., and Heeter.)
- Heeter, Allen F., Chicago, Ill., assignor to R. H. Buhke Company. Golf club. Des. 89,569; Apr. 4.
- Heeter, Colonel C., Butler, Pa. Release coupling. 1,936,669; Nov. 28.
- Heeter, Joseph W., East Butler, Pa. Frangible joint. 1,917,939; July 11.
- Heetkamp, Heinrich, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Rolling mill for widening out tubes. 1,903,676; Apr. 11.
- Heetkamp, Heinrich, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Tube drawing apparatus. 1,936,790; Nov. 28.
- Heffernan Brush Company. (See Heffernan, William H., assignor.)
- Heffernan, Frank A., assignor to The New Departure Manufacturing Company, Bristol, Conn. Separator for friction bearings. 1,922,540; Aug. 15.
- Heffernan, William H., assignor to Heffernan Brush Company, Inc., North Adams, Mass. Roll for transferring dyes or the like. 1,927,439; Sept. 19.
- Heffner, Alfred E., assignor of one-half to C. C. Cornelius, Seattle, Wash. Sirup pump. 1,913,592; June 13.
- Heft, Samuel A., Port Huron, Mich. Unitary wax container and applicator. 1,936,131; Nov. 21.
- Hefner, Charles B., Dallas, Tex. Over-current signal means. 1,934,264; Nov. 7.
- Hefner, Clarence W., Dallas, Tex. Lubricating gun. 1,940,052; Dec. 19.
- Hefner, Heinrich. (See Schmelzer, A., Ballauf, and Hefner.)
- Hefti, Wilhelm, assignor to the Firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Cylinder for internal combustion engines. 1,904,459; Apr. 18.
- Hettler, Victor R., Detroit, Mich., assignor to Societe du Carburateur Zenith, Lyon, France. Carburator. 1,893,896; Jan. 10.
- Hefty, Henry, St. Louis, Mo. Ventilated cabinet. 1,905,867; Apr. 25.
- Hegan, Horace J., Coventry, assignor to Courtaulds Limited, London, England. Manufacture and production of artificial filaments, threads, bands, and the like. 1,915,228; June 20.
- Hegan, Horace J., and E. Hazeley, Coventry, assignors to Courtaulds Limited, London, England. Production of artificial threads and the like from viscose and in apparatus therefor. 1,900,811; Mar. 7.
- Hegan, Horace J., and J. H. Taylor, Coventry, assignors to Courtaulds Limited, London, England. Manufacture and production of filaments, threads, bands, and the like from viscose. 1,922,952; Aug. 15.
- Hegeler Zinc Company, The. (See McCreary, Miller A., assignor.)
- Hegemann, Otto, assignor of one-half to Dortmunder Vulkan A. G., Dortmund, Germany. Ship drive-coupling mechanism. 1,902,701; Mar. 21.
- Hegenberger, Albert F., Dayton, Ohio. Sextant for aircraft. 1,895,510; Jan. 31.
- Hegge, Martin, Los Angeles, Calif. Fountain toothbrush. 1,913,079; June 6.
- Heggem, Alfred G., Tulsa, Okla. Pipe gripping device. 1,908,421; May 9.
- Heggem, Alfred G., Tulsa, Okla. Packing casing head. 1,935,027; Nov. 14.
- Heggie, James. (See Corral, H., and Heggie.)
- Heghinian, Garabed G., Baltimore, Md. Impregnation process. 1,923,726; Aug. 22.
- Hegwein, Georg, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Lubricating pump. 1,934,669; Nov. 7.
- Hehemann, Frederick H. (See MacGregor, H. P., and Hehemann.)
- Hehemann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Loose stem rotor and lubricated valve. 1,914,719; June 20.
- Hehn, Walter, Chicago, Ill. Stamping press. 1,910,918; May 23.
- Hehr, Frederick G., Hempstead, assignor to Aerol Engine Corporation, New York, N. Y. Hydraulic pump. 1,904,707; Apr. 18.
- Hehr, Frederick G., assignor to Aerol Engine Corporation, New York, N. Y. Tube for conducting liquids. 1,917,941; July 11.
- Heiber, William G., and E. R. Meng, assignors to W. G. Heiber, doing business as William Heiber & Son, Rochester, N. Y. Apparatus for making shoes. 1,934,351; Nov. 7.
- Heiber, William G., and E. R. Meng, assignors to W. G. Heiber, doing business as William Heiber & Son, Rochester, N. Y. Making shoes. 1,934,352; Nov. 7.
- Heiber, William, & Son. (See Heiber, W. G., and Meng, assignors.)
- Heichert, Herman S., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for separating glass sheets. 1,920,641; Aug. 1.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,924,855; Aug. 29.
- Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,936,874; Nov. 28.
- Heidbreder, Herman H., Quincy, Ill., assignor, by mesne assignments, to Teller Stove Designing Corporation, New York, N. Y. Range. 1,935,567; Nov. 14.
- Heidbrink, Jay A., Minneapolis, Minn. Pulmonary ventilating apparatus. 1,917,940; July 11.
- Heidbrink, Paul R. (See Banks, Ira O., assignor.)
- Heide, William A., Detroit, Mich. Air controlling means for carburetors. 1,901,810; Mar. 14.
- Heidel, Kurt, Breyell, assignor to the firm Pluschweberel Grefrath Aktiengesellschaft, Grefrath near Krefeld, Germany. Machine for darning faulty places in plush and like fabrics. 1,922,131; Aug. 15.
- Heideloff, Werner B., Plainfield, N. J., assignor to Kennedy Specialty Co., New York, N. Y. Drinking fountain. Des. 89,990; May 23.
- Heideman, Arthur G., Yonkers, N. Y. Cheese-like product made from yeast and milk-containing material and producing the same. 1,908,512; May 9.
- Heidenfelder, Fred A., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 1,934,922; Nov. 14.
- Heidenreich, Rudolf M. (See Mig, W., and Heidenreich.)
- Heidenreich, Rudolf M., Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthanthrone series and preparing the same. 1,897,427; Feb. 14.
- Heidenreich, Rudolph, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuff of the anthanthrone series. 1,931,821; Oct. 24.
- Helder, Henry J., Carroll, Iowa. Stock feeder. 1,916,570; July 4.
- Heldloff, Joseph R. (See Bowen, H. C., and Heldloff.)

- Heidman, Paul G., Detroit, Mich., assignor to National Heliofloor Company. Floor construction. 1,893,742; Jan. 10.
- Heigis, Henry E., West Orange, N. J., assignors to Walter Kidde & Company, Inc., New York, N. Y. Stored pressure medium container. 1,920,127; July 25.
- Heigl, Ludwig, Weiden, Germany, assignor of one-fourth to F. Zeissel and J. S. Kendall, Knox County, Tex. Surgical leg-stretching device. 1,904,942; Apr. 18.
- Heil Co., The. (See Heil, Julius P., assignor.)
- Heil Co., The. (See Heil, J. P., Eisenberg, jr., and Landry, assignors.)
- Heil Co., The. (See Kuhlman, George W., assignor.)
- Heil Co., The. (See Thwaits, Frederick G., assignor.)
- Heil, Hiram E. (See Mix, M. I., and Heil.)
- Heil, Julius P., assignor to The Heil Co., Milwaukee, Wis. Hoist. 1,927,031; Sept. 19.
- Heil, Julius P., assignor to The Heil Co., Milwaukee, Wis. Flexible support. 1,927,032; Sept. 19.
- Heil, Julius P., and C. G. Eisenberg, jr., Milwaukee, and G. L. Landry, West Allis, assignors to The Heil Co., Milwaukee, Wis. Pump construction. 1,913,633; June 13.
- Heil, Norman E., Paterson, N. J. Combined shipping and merchandise dispensing container. 1,927,343; Sept. 19.
- Heil, Otto H. (See Wood, R. T., and Heil.)
- Heile, Harriet, Chicago, Ill., assignor, by mesne assignments, to Warren Telechron Company. Clock case. Des. 89,240; Dec. 26.
- Heileman, Herman F., Forest Park, Ill. Razor blade conditioner. 1,939,168; Dec. 12.
- Heilhecker, Eugene C. (See Smith, M. C., jr., and Heilhecker.)
- Heilinger, Carl, Philadelphia, Pa., assignor to Trainor Food Corporation, New York, N. Y. Vegetable cutting machine. 1,899,867; Feb. 28.
- Heilman, Russell H., Pittsburgh, Pa., assignor to The Philip Carey Manufacturing Company. Insulating material and manufacture of same. 1,931,795; Oct. 24.
- Heim, Lewis R., Danbury, Conn. Bearing construction and making the same. 1,922,805; Aug. 15.
- Heimann, Emil, Djokja, Java, Dutch East Indies. Universal time clock. 1,927,235; Sept. 19.
- Heimberger, Oscar W., West Brighton, and J. Price, West New Brighton, assignors to The Griscorn-Russell Company, New York, N. Y. Heat exchanger. 1,908,611; May 9.
- Heimke, Paul. (See Balle, G., and Heimke.)
- Hein, George, West Fort Lee, N. J. Window and attached window opener. 1,896,745; Feb. 7.
- Hein, George N., San Francisco, Calif. Enclosed body for automobiles. 1,901,239; Mar. 14.
- Hein, George N., San Francisco, Calif. Driving mirror. 1,905,868; Apr. 25.
- Hein, George N., San Francisco, Calif. Syringe equipment and apparatus. 1,929,247; Oct. 3.
- Hein, Hermann, Bremen, Germany. Method and apparatus for hauling aircraft upon watercraft. 1,931,820; Oct. 24.
- Hein, John, New York, N. Y. Structural iron work climber. 1,895,571; Jan. 31.
- Heindel, Roy L., jr., assignor to The Dow Chemical Company, Midland, Mich. Making diethyl anilines. 1,925,802; Sept. 5.
- Heindl & Peters. (See Kraus, Hans, assignor.)
- Heine, Adolf, Berlin-Lichtenberg, and F. W. Dustmann, Berlin, Germany, assignors to General Electric Company. Film printing machine. 1,901,645; Mar. 14.
- Heine, Hermann, assignor to Ernst Leitz Optische Werke, Wetzlar, Germany. Microscope. 1,935,444; Nov. 14.
- Heinecke, William, Sabula, Iowa. Proof press. 1,897,757; Feb. 14.
- Heinecke, William, Sabula, Iowa. Making negatives. 1,913,881; June 13.
- Heinecke, William, and F. Hunsperger, Chicago, Ill. Photo-transfer process. 1,911,955; May 30.
- Heineman, Warren F. (See Crawford, W. E., and Heineman assignors.)
- Heineman, Warren F., Shorewood, and S. Malke, assignors to A. O. Smith Corporation, Milwaukee, Wis. Tool for flash welding machines. 1,909,402; May 16.
- Heinemann, Hans, Uthmoden, near Neuhaudensleben, Germany. Grubber for loosening the soil. 1,912,580; June 6.
- Heiney, John W., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Rolling spring shackle. 1,892,668; Jan. 3.
- Heiney, John W., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Engine cooling device. 1,892,669; Jan. 3.
- Heiney, John W., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Front wheel brake construction. 1,906,585; May 2.
- Heinicke, Herbert M. E. (See Bandur, A. F., and Heinicke.)
- Heinieman, Warren F., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Aligning edges for flash welding tubes. 1,921,227; Aug. 8.
- Heinisch, George, Cuyahoga Falls, assignor to The Star Drilling Machine Company, Akron, Ohio. Gas valve construction. 1,932,370; Oct. 24.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Stocking and knitting same on flat knitting machines. 1,898,957; Feb. 21.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Row counter for flat knitting machines. 1,901,745; Mar. 14.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik, Aktiengesellschaft, Chemnitz, Germany. Flat knitting machine. 1,911,317; May 30.
- Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik A.-G., Chemnitz, Saxony, Germany. Straight knitting machine. 1,911,318; May 30.
- Heinke, Alfred J., Towaco, N. J. Textile fabric or the like. Des. 88,913; Jan. 3.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co., New York, N. Y. Textile fabric or the like. Des. 89,188; Feb. 7.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co., New York, N. Y. Textile fabric or the like. Des. 89,189; Feb. 7.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 89,342; Feb. 28.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 89,400; Mar. 7.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co., New York, N. Y. Textile fabric or the like. Des. 89,442; Mar. 14.
- Heinke, Alfred J., Towaco, N. J., assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 89,506; Mar. 21.
- Heinkel, John, Rock Island, Ill. Closet chair and test cap mechanism. 1,930,344; Oct. 10.
- Heinlen, Harry C., and L. E. Nestel, Bucyrus, Ohio. Fastener. 1,928,536; Sept. 26.
- Heinmuller, John P. V., New York, N. Y. Sidereal-civil clock combination and carrying case therefor. 1,923,308; Aug. 22.
- Heinrich, Louis E., Beaumont, Tex. Electric motor. 1,922,806; Aug. 15.
- Heinrich, Max, Berlin-Pankow, assignor to Firm Graf und Co., Verpackungs-Maschinen, Berlin, Germany. Photographic printing paper. 1,917,032; July 4.
- Heinrich, Richard, Berlin-Sudende, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation. 1,908,897; May 16.
- Heinrich, Richard, Berlin-Sudende, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Electrical precipitation apparatus. 1,917,522; July 11.
- Heinrich, Richard, Berlin-Sudende, Germany, assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for electrical precipitation. 1,934,923; Nov. 14.
- Heinrich, Richard, and H. Zipprian, Kothen, Germany, assignors to Carl Neblich, Prague-Smichow, Tzecho-slo. Centrifugal separator for straining pulpy material, such as wood pulp, cellulose, paper pulp and the like. 1,921,750; Aug. 8.
- Heinrich, Walter A., St. Louis, Mo. Earth anchor. 1,900,498; Mar. 7.
- Heinrich, Walter A., St. Louis, Mo. Electric switch. 1,903,455; Apr. 11.
- Heinrich, Walter A., St. Louis, Mo. Lineman's tool. 1,906,854; May 2.
- Heinrich, Walter A., St. Louis, Mo. Fuse and disconnect switch. 1,918,541; July 18.
- Heinrich, Walter A., St. Louis, Mo. Hinging means for outdoor switches. 1,918,542; July 18.
- Heins, Harry J. (See La Rue L., and Heins.)
- Heintz, James C., Lakewood, Ohio. Internal repair vulcanizer. 1,911,894; May 30.
- Heintz & Kaufman, Ltd. (See Heintz, Ralph M., assignor.)
- Heintz & Kaufman, Ltd. (See Heintz, R. M., and Scofield, assignors.)
- Heintz & Kaufman, Ltd. (See Scofield, Philip F., assignor.)
- Heintz Manufacturing Company. (See Farrington, Ray P., assignor.)
- Heintz Manufacturing Company. (See Lambert, Albert L., assignor.)
- Heintz Manufacturing Company. (See Lambert A. L. and F. M., assignors.)
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Gasoline-electric generator. Des. 89,760; May 2.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Portable electric generator. Des. 90,318; July 18.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Receiver for continuous waves. 1,902,234; Mar. 21.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Radioreceiver power supply. 1,902,235; Mar. 21.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Connecting plug receptacle. 1,902,236; Mar. 21.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Oiling system. 1,907,805; May 9.

- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Indicating dial assembly. 1,907,806; May 9.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman Ltd., San Francisco, Calif. Inductance connector. 1,930,714; Oct. 17.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Radio communication system. 1,934,924; Nov. 14.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Water cooled vacuum tube. 1,941,302; Dec. 26.
- Heintz, Ralph M., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Modulating system. 1,941,303; Dec. 26.
- Heintz, Ralph M., and P. F. Scofield, Palo Alto, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Vacuum tube structure. 1,930,713; Oct. 17.
- Heintz, William J., Utica, N. Y. Headrest. 1,894,444; Jan. 17.
- Heintz, Winfield B., Scotia, N. Y., assignor to General Electric Company. Velocity measuring apparatus. 1,935,445; Nov. 14.
- Heinz, Edwin, Jena, Germany. Heating device on coffee machines and similar boilers. 1,911,504; May 30.
- Heinz, George J., Roosevelt, assignor of one-third to T. J. Perry, Brooklyn, N. Y., and one-third to General Engineering Company, Newark, N. J. Fluid strainer. 1,917,203; July 4.
- Heinze, Oscar H., New Britain, Conn. Multiindicating level. 1,898,367; Feb. 21.
- Heinze, Paul. (See White, P. W., and Heinze.)
- Heinze, William A. (See Victor, J. H., and Heinze.)
- Heinzelmann, Hans, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Two-stroke internal combustion engine. 1,928,018; Sept. 26.
- Heise, Arthur R., Woodbridge, Conn., assignor to The Wm. Schollhorn Company, New York, N. Y. Removing tool for sheet binding staples. 1,922,681; Aug. 15.
- Heise, George W., Malverne, N. Y., assignor to National Carbon Company. Air-depolarized primary battery. 1,899,615; Feb. 28.
- Heise, George W., Lakewood, Ohio, assignor to National Carbon Company. Galvanic cell. 1,899,616; Feb. 28.
- Heise, George W., Lakewood, Ohio, assignor to National Carbon Company, Inc. Electric battery. 1,924,314; Aug. 29.
- Heise, Otto W., Bridgeport, Conn., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. Gauge protecting device. 1,915,608; June 27.
- Heise, William H., assignor to Big Rock Ranch Company, Los Angeles, Calif. Self-leveling platform of a tilted body. 1,901,029; Mar. 14.
- Heiser, Harold W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Manufacture of aluminates. 1,930,271; Oct. 10.
- Heiser, Henry C., Middleburg, assignor to The Astrup Company, Cleveland, Ohio. Folding awning arms. 1,915,529; June 27.
- Heiser, Henry C., assignor to The Astrup Company, Cleveland, Ohio. Awning arm bracket. 1,922,764; Aug. 15.
- Heiser, Henry C., Middleburg Heights, assignor to The Astrup Company, Cleveland, Ohio. Adjustable awning center bearing. 1,937,341; Nov. 28.
- Heising, Raymond A., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined radio telephone and telegraph system. 1,895,461; Jan. 31.
- Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric wave transmission. 1,897,050; Feb. 14.
- Heising, Raymond A., Millburn, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission system. 1,936,162; Nov. 21.
- Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuit. 1,931,866; Oct. 24.
- Heisler, Charles L., Schenectady, N. Y., assignor to General Electric Company. Combined motion picture-sound reproducer. 1,900,555; Mar. 7.
- Heisler, Charles L., Schenectady, N. Y., assignor to General Electric Company. Variable pitch propeller. 1,910,246; May 23.
- Heisler, Charles L., Schenectady, N. Y., assignor to General Electric Company. Film driving apparatus. 1,920,789; Aug. 1.
- Heisler Locomotive Works. (See Chambers, Charles I., assignor.)
- Heist, Charles H. (See Smith, A. W., Heist, and Stubblefield.)
- Heitger, Frank H., deceased; Mattie G. Heitger, administratrix, Flint, Mich. Carburetor. 1,898,958; Feb. 21.
- Heitger, Frank H., deceased, by Mattie G. Heitger, Flint, Mich., administratrix. Pump. 1,905,284; Apr. 25.
- Heitger, Frank H., deceased; M. G. Heitger, administratrix, Flint, Mich. Charge forming and feeding means for internal combustion engines. 1,916,952; July 4.
- Heitger, Mattie G., administratrix. (See Heitger, Frank H., assignor.)
- Heitman, Max F. C., assignor to The Bode-Cummins Mfg. Company, Louisville, Ky. Hood fastener. 1,922,242; Aug. 15.
- Heitzman, Harle J., Cloverdale, Ohio. Tie form. 1,923,824; Aug. 22.
- Heitzman, Richard J., assignor of one-fourth to Wm. E. Ressler, Shamokin, Pa. Safety blasting plug. 1,896,817; Feb. 7.
- Heizmann, Raymond, Reading, Pa. Shock absorber. 1,908,349; May 9.
- Hejduk, Frank J., and H. Sarfert, Philadelphia, Pa. Yarn humidifier. 1,941,087; Dec. 26.
- Hektner, Joel, assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing and cage. 1,909,617; May 16.
- Helander, Lillian, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 90,982; Nov. 7.
- Helbig, Adolf, assignor to Electricitäts-Gesellschaft "Sanitas" m. b. H., Berlin, Germany. Diathermic and Röntgen apparatus. 1,918,907; July 18.
- Held, Christian, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Multicore high tension electric cables. 1,933,112; Oct. 31.
- Held, Robert. (See Franzen, H., and Held.)
- Held, Theodor, assignor to the Firm of "Ringfeder" G. m. b. H., Uerdingen, Germany. Spring. 1,934,978; Nov. 14.
- Hele-Shaw, Henry S., London, England. Collar for personal wear. 1,917,971; July 11.
- Hele-Shaw, Henry S., and T. E. Becham, Westminster, London, and N. A. Davies, Radlett, England. Caster. 1,896,978; Feb. 7.
- Hele-Shaw, Henry S., T. E. Beacham, London, and E. C. Mills, Camborne, England. Rotary engine and pump. 1,932,892; Oct. 31.
- Helfrecht, Aaron J., assignor to Burgess Battery Company, Madison, Wis. Tamping machine. 1,897,612; Feb. 14.
- Helfrich, Michael D. (See Weaver, Harry F., assignor.)
- Helfrich, Michael D., Evansville, Ind. Spudless closet bowl. Des. 89,343; Feb. 28.
- Helgason, Arni, assignor to Chicago Transformer Corporation, Chicago, Ill. Transformer construction. 1,906,586; May 2.
- Helgeby, Ralph O., assignor to A C Spark Plug Company, Flint, Mich. Quick reset mechanism for odometers. 1,919,511; July 25.
- Helgeby, Ralph O., and D. D. Waller, assignors to A C Spark Plug Company, Flint, Mich. Spur gear speed adapter. 1,919,512; July 25.
- Helljesson, Andrew E., Brooklyn, N. Y. Boat. 1,898,876; Feb. 21.
- Hellborg, Rune, Stockholm, Sweden, assignor to Ruthsaculator Aktiebolag, Berlin, Germany. Power plant. 1,896,308; Feb. 7.
- Heller, Alfred. (See Askenasy, P., and Heller.)
- Heller, Alfred, Bad Liebenstein, Germany. Egg opener. 1,941,088; Dec. 26.
- Heller, Arthur C., Newark, N. J. Multiple socket wrench. 1,930,238; Oct. 10.
- Heller, B., & Company. (See Heller, Benjamin, assignor.)
- Heller, Benjamin, assignor to B. Heller & Company, Chicago, Ill. Container. 1,916,859; July 4.
- Heller, Clarence N., Lancaster, Pa. Newspaper holder. 1,909,675; May 16.
- Heller, Harold H. (See Wheeler, F. G., and Heller.)
- Heller, Henry W. (See Blackburn, J., and Heller.)
- Heller, John A., Carthage, Mo. Dispensing apparatus. 1,906,928; May 2.
- Heller, Milton L., New York, N. Y. Fastening means. 1,911,824; May 30.
- Heller, Milton L., New York, N. Y. Garment band. 1,930,049; Oct. 10.
- Heller, Orrin R., Silver Lake, Kans. Steering apparatus. 1,928,977; Oct. 3.
- Heller, Oswald, Berlin, Germany. Continuous gas manufacture. 1,924,856; Aug. 29.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,113; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,194; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,195; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,196; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,197; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,198; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,199; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,200; Dec. 19.
- Heller, William, New York, N. Y. Textile fabric. Des. 91,201; Dec. 19.
- Hellerud, Ragnvald. (See Bergsvik, A., and Hellerud.)
- Hellerud, Ragnvald. (See Langfeldt, E., and Hellerud.)
- Hellerud, Ragnvald, Oslo, Norway. Milk product and the manufacture thereof. 1,941,261; Dec. 26.
- Hellgren, Gustaf, H. (See Gustafsson, E., and Hellgren.)
- Hellinga, John, sr., Chicago, Ill. Window balancing means. 1,940,750; Dec. 26.
- Hellman, Carl R., assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,875; Jan. 3.
- Hellman, Carl R., assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,876; Jan. 3.

- Hellman, Carl R., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,401; Mar. 7.
- Hellman, Carl R., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,464; Mar. 14.
- Hellman, Carl R., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,835; May 9.
- Hellman, Carl R., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,138; June 13.
- Hellman, S. Jack, Los Angeles, Calif. Safety device. 1,941,089; Dec. 26.
- Hellmann, Frederick A., assignor of one-third to W. S. Adams, jr., Chattanooga, Tenn. Combined heating and cooling system. 1,932,586; Oct. 31.
- Hellmund, Rudolph E. (See Ludwig, L. R., and Hellmund.)
- Hellstrom, Olaf F. (See Hult, O. O., and Hellstrom.)
- Hellwig Silk Dyeing Company. (See Roberts, John E., assignor.)
- Hellyer, Clement D., deceased, Los Angeles, Calif.; F. E. Hellyer, administratrix, assignor to R. Meunier, Los Angeles, Calif. Valve reseating tool. 1,925,382; Sept. 5.
- Hellyer, Fannie E., administratrix. (See Hellyer, Clement D.)
- Helm Company, The. (See Helm, John, assignor.)
- Helm, John, assignor to The Helm Company, St. Louis, Mo. Mail-box. 1,914,636; June 20.
- Helma, Paul. (See Arnstein, K., and Helma.)
- Helmenstein, Erwin, Dieringhausen, Germany. Apparatus for painting circular ornaments on walls, ceilings, and the like. 1,930,358; Oct. 10.
- Helmer, Mamie. (See Helmer, Robert, assignor.)
- Helmer, Robert, New York, N. Y. Filing device. 1,911,277; May 30.
- Helmer, Robert, assignor to M. Helmer, Flushing, N. Y. Synchronous motor. 1,936,837; Nov. 28.
- Helmers, Henry H., Doon, Iowa. Apparatus for forming hog troughs. 1,927,567; Sept. 19.
- Helmholtz, Arthur W., and D. Ferrell, Harrisburg, Ill. Blasting cartridge. 1,926,282; Sept. 12.
- Helmholtz, Karl J., assignor to Economy Electric Lantern Company, Chicago, Ill. Bus plate. 1,906,587; May 2.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriter. Des. 90,658; Sept. 12.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,899,034; Feb. 28.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,901,162; Mar. 14.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Electric switch. 1,906,588; May 2.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,906,751; May 2.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,909,764; May 16.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,916,371; July 4.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,918,598; July 18.
- Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,927,169; Sept. 19.
- Helmrich Friedrich, Magdeburg, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Eccentric or draw rod for stone crushers. 1,895,390; Jan. 24.
- Helms, Charles F., assignor of one-third to J. P. Helms, Roanoke and one-third to Leonard V. Hale, Salem, Va. Safety device for pneumatic hammers. 1,916,049; June 27.
- Helms, Harry W., Detroit, Mich., assignor to Highway Trailer Company, Edgerton, Wis. Automatic semi-trailer. Re18,821; May 2.
- Helms, Harry W., assignor to Highway Trailer Company, Edgerton, Wis. Fifth wheel construction. 1,920,390; Aug. 1.
- Helms, John P., et al. (See Helms, Charles F., assignor.)
- Helms, Ross, Logansport, Ind. Bank protection apparatus. 1,915,735; June 27.
- Helms, Waters L., Brooklyn, N. Y., assignor to The New Photomat, Inc., New York, N. Y. Feeding mechanism for photographic strips. 1,902,281; Mar. 21.
- Helper, Morton J., Shaker Heights, Ohio. Aeroplane flying teaching apparatus. 1,934,464; Nov. 7.
- Helping, Louis G., Wapakoneta, Ohio. Bench. 1,897,377; Feb. 14.
- Helps, Gordon. (See Cheetham, H. S., and Helps.)
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Switch. 1,893,027; Jan. 3.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Clutch. 1,919,651; July 25.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Check-issuing machine. 1,919,652; July 25.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Ticket issuing machine. 1,928,785; Oct. 3.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, Brooklyn, N. Y. Ticket or check issuing machine. 1,940,949; Dec. 26.
- Helsing, J. Linus, Des Moines, Iowa. Culvert. 1,929,817; Oct. 10.
- Helsingborgs Gummifabriks Aktiebolag. (See Bohlin, Olof G., assignor.)
- Helstrom, Carl W. (See Neave, A. A., and Helstrom.)
- Helt, Clarence R., Bellevue, Pa., assignor to Brockway Machine Bottle Company. Toddy mixer package. 1,923,089; Aug. 22.
- Helton, Glen, Joplin, assignor of one-half to P. Montague, Independence, Mo. Pole sling. 1,908,146; May 9.
- Heltzel, Francis O., Youngstown, Ohio. Highway marker. 1,910,247; May 23.
- Heltzel, John N., Warren, Ohio. Road building machine and method. 1,895,991; Jan. 31.
- Heltzel, John N., Warren, Ohio. Concrete joint. 1,903,456; Apr. 11.
- Heltzel, John N., Warren, Ohio. Road reinforcement and joint. 1,921,081; Aug. 8.
- Heltzel, John N., Warren, Ohio. Surfacing roads. 1,921,185; Aug. 8.
- Heltzel, John N., Warren, Ohio. Concrete form. 1,922,584; Aug. 15.
- Heltzel, John N., Warren, Ohio. Contraction joint. 1,935,028; Nov. 14.
- Heltzel, John N., Warren, Ohio. Adjustable concrete form. 1,939,007; Dec. 12.
- Helwert, Fritz. (See Kränzlein, G., Greune, Thiele, and Helwert.)
- Helwert, Fritz. (See Nawiasky, P., Helwert, and Krause.)
- Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Separation of ketoses from mixtures. 1,895,414; Jan. 24.
- Helwig, Edward L., Bristol Township, Bucks County, Pa., assignor to Röhm & Haas Company. Electrolytic oxidation of aldoses. 1,938,273; Nov. 28.
- Helwig, Minnie. (See Falz, Paul, assignor.)
- Helwith, Alfred L., Larchmont, N. Y. Fabric and making the same. 1,931,023; Oct. 17.
- Hem, Halvor O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Combined weighing and counting scale. 1,908,350; May 9.
- Hemann, Bennard, Ashland, Ky. Coating metal objects. 1,906,154; Apr. 25.
- Hemeon, James R., assignor to Thermoid Rubber Company, Trenton, N. J. Flexible coupling disk. 1,894,175; Jan. 10.
- Hemler, Wilmer F., Washington, D. C. Protective system and radiant energy apparatus. 1,920,861; Aug. 1.
- Hemm, Charles. (See Young, H. C., and Hemm.)
- Hemmer, Andrew J., Malden, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 1,934,709; Nov. 14.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Stocking. Des. 89,761; May 2.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Knitted fabric. Des. 89,762; May 2.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Stocking. Des. 89,763; May 2.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Knitted fabric. Des. 89,764; May 2.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Yarn and knitted wearing apparel produced therefrom. 1,897,051; Feb. 14.
- Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Clamping holder for stocking forms. 1,907,247; May 2.
- Hemmingsen Torkild V., Copenhagen, Denmark. Controlling pistons of internal combustion engines. 1,900,605; Mar. 7.
- Hemmingsen, Torkild V., Copenhagen, Denmark. Shaft angularity adjusting device. 1,925,755; Sept. 5.
- Hemmingson, Minnie M., Cumberland, Wis. Hair waving apparatus. 1,909,677; May 16.
- Hemphill Company. (See Lawson, John and R. H., assignors.)
- Hemphill Company. (See Lawson, Robert H., assignor.)
- Hemphill Company. (See Lawson, R. H., and Gagné, assignors.)
- Hemphill, Edward C. (See Hemphill, Edward C., and E. M.)
- Hemphill, Edward C. and E. M., San Francisco, Calif. Sleep eye shade. 1,924,315; Aug. 29.
- Hemple, Joseph A., Springfield, assignor to United States Glass Company, Pittsburgh, Pa. Container for live fish. 1,932,732; Oct. 31.
- Hempy-Cooper Manufacturing Company. (See Mattern, Herman T., assignor.)
- Hempy-Cooper Manufacturing Company. (See Mattern, H. T., and Lindstrom, assignors.)
- Hemscheidt, Hermann, Wuppertal-Elberfeld, Germany. Loading machine for heaped material of every description. 1,911,895; May 30.
- Hendee, Lem E., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Mounting device. 1,908,758; May 16.

- Hendee, Lem E., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Reflector attaching structure for lamps. 1,910,542; May 23.
- Hendee, Lem E., Milwaukee, assignor, by mesne assignments, to Line Material Company, South Milwaukee, Wis. Conductor and ground wire support. 1,928,622; Oct. 3.
- Hendee, Lem E., Milwaukee, Wis., assignor, by mesne assignments, to Line Material Company. Switch. 1,936,759; Nov. 28.
- Hendel, Earl C., West Hartford, Conn. Automobile indicator mounting. 1,914,424; June 20.
- Hendershott, Silas J. (See Coleman, B., and Hendershott.)
- Hendershott, Silas J., assignor to Ever-Ready Coal Burner Company, Detroit, Mich. Furnace stoker. 1,925,803; Sept. 5.
- Henderson, Clark T., Burlingame, Calif. Production of chloramine. 1,940,592; Dec. 19.
- Henderson, Fred E., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing electrical contact members. 1,907,931; May 9.
- Henderson, Harold C. (See Case, E. C., and Henderson.)
- Henderson, J. H., et al. (See Carton, Lee C., assignor.)
- Henderson, James B., Lee, England. Gyroscopic steering indicator or controller. 1,894,038; Jan. 10.
- Henderson, James B., Lee, England. Gyroscopic instrument and apparatus. 1,930,096; Oct. 10.
- Henderson, James B., Blackheath, England. Gyroscopic navigational instrument. 1,924,037; Aug. 22.
- Henderson, James B., Blackheath, London, and A. L. Perham, Thames Ditton, England. Fire control system for antiaircraft guns. 1,940,681; Dec. 26.
- Henderson, James C. (See Love, Sandy H., assignor.)
- Henderson, James E., Lee, England. Gyroscopic navigational instrument. 1,900,709; Mar. 7.
- Henderson, John B., assignor of one-fourth to A. T. Finkelstein, and one-fourth to Julius F. Pasternak, Washington, D. C. Photographic film-roll. 1,910,287; May 23.
- Henderson, John C., Elizabeth, assignor to Driver-Harris Company, Harrison, N. J. Container for treating metal articles by heat. 1,908,242; May 9.
- Henderson, Ken L., assignor to United American Bosch Corporation, Springfield, Mass. Supporting device for radio apparatus. 1,898,835; Feb. 21.
- Henderson, Lawrence M., Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil extraction. 1,908,018; May 9.
- Henderson, Lawrence M., Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Refining sour hydrocarbon oil. 1,940,861; Dec. 26.
- Henderson, Lawrence M., Narberth, S. W. Ferris, Lansdowne, and H. C. Cowles, jr., Philadelphia, assignors to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon wax. 1,937,518; Dec. 5.
- Henderson, Leonard, Olton, assignor to Metal Sections Limited, Birmingham, England. Connection with continuous rolling machines and the like. 1,921,357; Aug. 8.
- Henderson, Loyal C., Asbury Park, N. J. Game. 1,921,186; Aug. 8.
- Henderson, Nelson H., Syracuse, N. Y. Dishwashing machine. 1,934,539; Nov. 7.
- Henderson, Ralph N., Terre Haute, Ind. Illuminated display. 1,923,309; Aug. 22.
- Henderson, Robert H., East Orange, N. J. Pipe bending apparatus. 1,910,832; May 23.
- Henderson, William, East Norwalk, Conn. Leaded window trussed joint. 1,940,862; Dec. 26.
- Henderson, William F., assignor to The Visking Corporation, Chicago, Ill. Producing cellulose articles. 1,903,622; Apr. 11.
- Hendrick, Hobart J., New Haven, Conn. Doorlock. 1,932,733; Oct. 31.
- Hendrick Manufacturing Company. (See Beam, Lois M., assignor.)
- Hendrick, Otto E. (See Streeter, R. S., and Hendrick.)
- Hendricks, Simeon B., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Cultivator. 1,933,906; Nov. 7.
- Hendrickson, Alfred L., assignor to Eagle Knitting Mills, Milwaukee, Wis. Headwear. 1,915,092; June 20.
- Hendrickson, Walter H., Rockford, assignor to Abingdon Engineering Corporation, Abingdon, Ill. Concealed lavatory. 1,909,618; May 16.
- Hendrie, Leland W., Philadelphia, Pa. Gaff. 1,920,790. Aug. 1.
- Hendriksen, John, and J. Heran, New York, N. Y. Lamp base or similar article. Des. 89,131; Jan. 31.
- Hendrix, Joel H., assignor of one-half to W. W. Braham, New Castle, Pa. Key for locks. 1,904,225; Apr. 18.
- Hendry, Johnson F., Schenectady, N. Y., assignor to General Electric Company. Packing case for fragile articles. 1,905,708; Apr. 25.
- Hendry, William F., Ossining, N. Y., assignor, by mesne assignments, to Manhattan Electrical Supply Company, Inc., Jersey City, N. J. High intensity gaseous discharge tube. 1,900,109; Mar. 7.
- Hendry, William F., Ossining, N. Y., assignor, by mesne assignments, to Manhattan Electrical Supply Company, Inc., Jersey City, N. J. Ultraviolet ray lamp. 1,907,294; May 2.
- Hendryx, Andrew B., Company, The. (See Palmer, Harry G., assignor.)
- Hendy, Harold R., Los Angeles, Calif. Liquid cooler. Des. 90,806; Oct. 3.
- Hene, Emil, Berlin-Grunewald, Germany. Producing and treating sulphocyanate salts. 1,920,557; Aug. 1.
- Hene, Emil, Berlin, Germany. Manufacturing high-valued nitrogen compounds. 1,927,777; Sept. 19.
- Hene, Emil, Berlin, Grunewald, assignor to Rudolph Koepf & Co. Chem. Fabrik, A. G. Oestrich, Rheingau, Germany. Producing formate of potassium from potassium sulphate and calcium formate or mixtures of constituents adapted to form the latter by way of reaction. 1,939,625; Dec. 12.
- Henglein, Friedrich A., Cologne-Deuty, and F. W. Stauff, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Process of dehydrating fluorine compounds. 1,914,425; June 20.
- Henke, Clyde O. (See Gubelmann, I., and Henke.)
- Henke, Clyde O. (See Gubelmann, I., Weiland, and Henke.)
- Henke, Clyde O., South Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Purifying abietene-sulphonic acid compounds. 1,892,889; Jan. 3.
- Henke, Clyde O., South Milwaukee, Wis., assignor, by mesne assignments, to Newport Industries, Inc. Hydrogenated rosin product. 1,899,961; Mar. 7.
- Henke, Clyde O., South Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparation of ketones. 1,933,215; Oct. 31.
- Henke, Clyde O., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of phenolic bodies. 1,939,591; Dec. 12.
- Henke, Clyde O., South Milwaukee, and A. C. Orthmann, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Tanning. 1,897,124; Feb. 14.
- Henke, Clyde O., South Milwaukee, Wis., and G. Etzel, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing camphene. 1,901,746; Mar. 14.
- Henke, Clyde O., South Milwaukee, and M. Charlton, Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Compound of the abietene family. 1,931,257; Oct. 17.
- Henke, Frederick. (See Godshalk, C. A., Henke, and Behring.)
- Henkel, Adolph A., assignor to K. W. Wonnell, Ravinia, Ill. Advertising display sign. 1,896,030; Jan. 31.
- Henkel, Adolph A., Ravinia, assignor, by mesne assignments, to Faries Manufacturing Company, Decatur, Ill. Adjustable edge lighter. 1,910,435; May 23.
- Henkel, Adolph A., Chicago, Ill., assignor, by mesne assignments, to Henkel Edge-Lite Corporation. Adjustable lamp support. 1,897,802; Feb. 14.
- Henkel & Cie. Gesellschaft mit beschränkter Haftung. (See Weber, H., and Pape, assignors.)
- Henkel Edge-Lite Corporation. (See Henkel, Adolph A., assignor.)
- Henkel, Norman F., Sheboygan, Wis. Relief valve. 1,902,027; Mar. 21.
- Henkel, Paul H., assignor to Continental Rubber Works, Erie, Pa. Machine for impressing patterns on extruded material. 1,932,821; Oct. 31.
- Henkel, Wilhelm, and F. Meyer, assignors to the Firm Carl Zeiss, Jena, Germany. Making selenium cells. 1,904,139; Apr. 18.
- Henkensiefken, Clara G., et al. (See Henkensiefken, John A., assignor.)
- Henkensiefken, Frederick, et al. (See Henkensiefken, John A., assignor.)
- Henkensiefken, Frieda, et al. (See Henkensiefken, John A., assignor.)
- Henkensiefken, John A., assignor of one-fourth to C. G. Henkensiefken, one-fourth to F. Henkensiefken, and one-fourth to F. Henkensiefken, Philadelphia, Pa. House or building construction. 1,900,812; Mar. 7.
- Henne, Franz, Frankfurt-on-the-Main-Hochst, G. Meder, Munster in Taunus, V. Lanz, Frankfurt-on-the-Main-Hochst, F. Privinsky, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing acetic anhydride. 1,905,466; Apr. 25.
- Henne, Franz, and H. Kracker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,923,202; Aug. 22.
- Henne, Franz, and H. Kracker, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,933,431; Oct. 31.
- Henley's, W. T., Telegraph Works Company. (See Dunsheath, Percy, assignor.)
- Henley's, W. T., Telegraph Works Company Limited. (See Dunsheath, Percy, assignor.)
- Henn, Ralph F., assignor to The Du-All Mfg. Company, Geneva, Ohio. Mop head and the like. 1,936,509; Nov. 21.
- Henne, Adolf H., and D. M. Clark, assignors to E. T. Esty and J. A. Crotty, Worcester, Mass. Six-thread striping machine. 1,922,850; Aug. 15.
- Henne, Albert L. (See Midgley, T., jr., Henne, and McNary.)

- Henne, George C., Herrin, Ill., assignor to Inland Manufacturing Company, Dayton, Ohio. Freezing tray for refrigerators. 1,939,445; Dec. 12.
- Henneberger, Thomas C., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Cable maintenance apparatus. 1,904,226; Apr. 18.
- Henneberger, Thomas C., Caldwell, N. J., assignor to American Telephone and Telegraph Company. Gas pressure alarm system for cables. 1,904,227; Apr. 18.
- Henneberger, Thomas C., Caldwell, and V. B. Pike, Morristown, N. J.; said Henneberger assignor to American Telephone and Telegraph Company, and said Pike assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas pressure alarm contactor. 1,936,194; Nov. 21.
- Henneböhle, Frank, Chicago, Ill. Balanced throttle and trip valve. 1,899,328; Feb. 28.
- Henneböhle, Frank, Chicago, Ill. Cushioned relief and check valve. 1,923,621; Aug. 22.
- Henneböhle, Frank, Chicago, Ill. High and low pressure operating balanced valve. 1,936,715; Nov. 28.
- Heenecke, Earle V., Flushing, and D. Kuskin, Astoria, assignors to F. J. Foster, New York, N. Y., trustee. Windshield wiper motor. Des. 90,983; Nov. 7.
- Hennen, Earl C., Columbus, Ohio. Fuel composition and producing the same. 1,925,048; Aug. 29.
- Hennessy, Daniel E., assignor to Lewis-Shepard Company, Watertown, Mass. Elevating truck. 1,928,490; Sept. 26.
- Hennessy, James J., New York, N. Y. Journal lubricator. 1,906,589; May 2.
- Hennessy, James J., New York, N. Y. Journal lubricator. 1,914,637; June 20.
- Hennessy, James J., New York, N. Y. Journal box. 1,938,333; Dec. 5.
- Hennessy, James J., New York, N. Y. Journal lubricator device. 1,938,659; Dec. 12.
- Hennessy, Mary C., assignor to Franklin Simon & Company, Inc., New York, N. Y. Panties. 1,904,228; Apr. 18.
- Hennessy, Mary C., assignor to Franklin Simon & Company, Inc., New York, N. Y. Combined brassiere and step-in. 1,909,273; May 16.
- Hennessy, William F., (See Sippel, J. J., and Hennessy.)
- Henneuse, Clarence A., Bucyrus, Ohio. Earth working tool. 1,907,807; May 9.
- Henney, Charles F., and D. L. Kaufman, assignors to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,920,505; Aug. 1.
- Henney Motor Company. (See Van Deest, Henry, assignor.)
- Hennicke, Carl R., assignor to The Eberhard Manufacturing Company, Cleveland, Ohio. Hood fastener. 1,915,492; June 27.
- Hennicke, William. (See Wietzel, G. Haller and Hennicke.)
- Hennicke, William, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrogen. 1,931,492; Oct. 24.
- Hennies, Carl E., et al. (See Mortimer, Samuel E.)
- Hennig, Bruno. (See Söhl, J., and Hennig.)
- Hennig, Charles T., Cleveland, Ohio. Purifying ferrous metals. 1,925,247; Sept. 5.
- Hennig, Fred, assignor to Pittsburgh Taximeter Company, Pittsburgh, Pa. Means to prevent detachment of speedometer or disconnection of its drive means. 1,902,853; Mar. 28.
- Hennig, Francis L., Charlestown, assignor of one-half to Jacob A. Stryker, Arlington, Mass. Thermostatic fluid mixing valve. 1,931,896; Oct. 24.
- Hennig, Fred A., et al. (See Slattery, Daniel J., assignor.)
- Hennig, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Braiding machine. 1,895,462; Jan. 31.
- Hennig, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Self-aligning strand carrier for braiders. 1,895,463; Jan. 31.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Control switch structure. 1,904,309; Apr. 18.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Stack temperature actuated control device. 1,904,310; Apr. 18.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Defroster. 1,904,658; Apr. 18.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Double limit switch. 1,935,029; Nov. 14.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Float switch. 1,939,697; Dec. 19.
- Hennig, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Switch. 1,939,698; Dec. 19.
- Hennig, Otto. (See Kommer, F. A., and Hennig.)
- Hennig, Otto, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 1,915,930; June 27.
- Henninger, Albert E., McAllen, Tex. Colored seedless grapefruit. Pl. Pt. 53; Jan. 24.
- Henninger, Andrew F., Jr., Chicago, Ill. Negative glow system for creating illusion of motion. 1,938,538; Dec. 5.
- Henninger, Arthur H., St. Albans, assignor to General Chemical Company, New York, N. Y. Making potassium aluminum fluoride. 1,937,956; Dec. 5.
- Hennings, Raymond A., New Orleans, La. Game. 1,918,749; July 18.
- Henningsen, Carleton, Buffalo, assignor, by mesne assignments, to Du Pont Rayon Company, New York, N. Y. Purification of cellulose. 1,919,329; July 25.
- Henny, David C., Portland, Oreg. Concrete dam. 1,902,168; Mar. 21.
- Henrichsen, Knut, Garden City, and S. T. Payne, Freeport, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Retractable landing gear. 1,914,092; June 13.
- Henricks, Harold H., Youngstown, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car metal door. 1,922,042; Aug. 15.
- Henricksen, Bjarne, North Bergen, N. J., assignor to Sedgwick Machine Works, Incorporated, Poughkeepsie, N. Y. Electrically driven dumb waiter, etc. 1,923,034; Aug. 15.
- Henricson, Edward A., Chicago, Ill. Portable desk. 1,928,936; Oct. 3.
- Henriksen, Alfred. (See Davis, L. L. Henriksen, and Allinson.)
- Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
- Henriksen, Alfred. (See Miller, W., Henriksen, and Zurcher.)
- Henriksen, Alfred, assignor to Continental Oil Company, Ponca City, Okla. Dewaxing oils. 1,901,240; Mar. 14.
- Henriksen, Alfred, and B. H. Lincoln, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 1,936,670; Nov. 28.
- Henriksen, Alfred, and B. H. Lincoln, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 1,939,979; Dec. 19.
- Henrikson, Arthur G., assignor of one-half to F. B. Perry, Providence, R. I. 1,921,082; Aug. 8.
- Henriod, Charles E., Areuse, Switzerland. Power transmission mechanism. 1,903,044; Mar. 28.
- Henriot, Floyd, Klamath Falls, Oreg. Hydraulic clutch or braking device. 1,917,972; July 11.
- Henriquez, Jacob M., Curacao, Dutch West Indies. Shaving brush. 1,918,101; July 11.
- Henrite Products Corporation. (See Henry, Ralph L., assignor.)
- Henrite Products Corporation. (See Loftis, Homer J., assignor.)
- Henroteau, François C. P., Ottawa, Ontario, Canada. Television. 1,903,112; Mar. 28.
- Henroteau, François C. P., Ottawa, Ontario, Canada. Television. 1,903,113; Mar. 28.
- Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Derrick. Des. 90,441; Aug. 8.
- Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Derrick. Des. 90,442; Aug. 8.
- Henry, Donald E. (See Rentschler, H. C., and Henry.)
- Henry, Eugene, Detroit, Mich., assignor to American Car and Foundry Motors Company, New York, N. Y. Portable tool attachment. 1,929,585; Oct. 10.
- Henry, Ferdinand G., Moline, Ill. Flexible coupling. 1,911,688; May 30.
- Henry, Frederick J., Taunton, Mass. Box trap. 1,918,266; July 18.
- Henry, George W., Jr., assignor to Soabar Company, Frankford, Philadelphia, Pa. Sales ticket and clip. 1,894,906; Jan. 17.
- Henry, George W., Jr., assignor to Soabar Company, Philadelphia, Pa. Clip forming mechanism. 1,915,229; June 20.
- Henry, Harry H., Oklahoma City, Okla., assignor to Monark Battery Company, Inc., Chicago, Ill. Storage battery. 1,926,771; Sept. 12.
- Henry, Irving J. (See Florea, P. S., and Henry.)
- Henry, Israel H., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,916,760; July 4.
- Henry, Israel H., East Orange, and R. E. Hersey, Madison, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,916,761; July 4.
- Henry, James A., and J. H. Yancey, Sturgis, Mich. Register. 1,906,856; May 2.
- Henry, James N. (See Henry, John N., assignor.)
- Henry, James N., Providence, R. I. Curtain support. 1,896,746; Feb. 7.
- Henry, John N., Norwood, assignor to J. N. Henry, Providence, R. I. Curtain support. 1,920,195; Aug. 1.
- Henry, Kenneth M., San Francisco, Calif., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass and controlling the temperature of the glass therein. 1,928,288; Sept. 26.
- Henry, Kenneth M., and B. A. Noble, San Francisco, Calif., assignors, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Blister trap for glass furnaces. 1,928,289; Sept. 26.
- Henry Manufacturing Co. (See Henry, Raymond, assignor.)
- Henry, Ralph L., Detroit, Mich., assignor to Henrite Products Corporation, Ironton, Ohio. Elevator guide shoe. 1,907,966; May 9.
- Henry, Raymond, Rock Island, Ill., assignor, by mesne assignments, to Henry Manufacturing Co., Davenport, Iowa. Oil-less spring shackle. 1,920,558; Aug. 1.
- Henry, Raymond, Moline, Ill., assignor to Henry Manufacturing Co., Davenport, Iowa. Spring connection. 1,922,765; Aug. 15.

- Henry, Skelton D., Houston, Tex. Protecting earthen dams, river levees, etc. 1,900,341; Mar. 7.
- Henry, William S., Coldwater, assignor to General Railway Signal Company, Rochester, N. Y. Relay means for highway crossing signal systems. 1,909,274; May 16.
- Henry & Wright Manufacturing Company, The. (See Allen, Frederick C., assignor.)
- Henry & Wright Manufacturing Company, The. (See Sherman, Cortis F., assignor.)
- Henschel, Charles J., Rutherford, N. J. Signaling instrument. Des. 89,616; Apr. 18.
- Henshall, George R., Vancouver, British Columbia, Canada. Fish reduction process. 1,909,676; May 16.
- Henshaw, Marshall D., Erie, Pa., assignor to General Electric Company. Driving apparatus for self-propelled vehicles. 1,902,500; Mar. 21.
- Hensle, Anton. (See Kunz, M. A., Koeberle, and Hensle.)
- Hensler, Julius P. (See Sutton, W. F., and Hensler.)
- Hensley, Charles G., receiver. (See Newmann, John, assignor.)
- Hensley, Minor. (See Hensley, Odie W. and M.)
- Hensley, Odie W. and M., Lexington, Ky. Transmission gear shift. 1,936,510; Nov. 21.
- Hensmanns, Libertus, Chicago, Ill. Indicator for tobacco containers. 1,910,952; May 23.
- Henson, Harold B., and E. R. Johnson, Kapuskasing, Ontario, Canada. Paper machine. 1,923,670; Aug. 22.
- Henson, Lawrence M. (See Riebel, F., jr., Dow, and Henson.)
- Henst, Abraham V., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators and the like. 1,896,309; Feb. 7.
- Henst, Abraham V., Grand Rapids, Mich., assignor to W. B. Jarvis Co. Doorlatch. 1,899,686; Feb. 28.
- Henst, Abraham V., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators, tanks, and the like. 1,915,633; June 27.
- Hentrich, Winfrid. (See Schweitzer, H., Hentrich, and Burr, assignors.)
- Hentrich, Winfrid, Leverkusen-on-the-Rhine, J. Hilger, Cologne-Mulheim-on-the-Rhine, and R. Knoche, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. β -naphthyl-aminoaryl-hydroxy fatty acids. 1,895,713; Jan. 31.
- Hentrich, Winfrid, Nuremberg, and F. Wleners and R. Stroebel, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone cyanuric series. 1,897,428; Feb. 14.
- Hentrich, Winfrid, Erlangen, A. Ossenbeck, Cologne-Mulheim, and E. Tietze, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diarylsulphone-azodyestuffs. 1,901,515; Mar. 14.
- Hentrich, Winfrid, and M. Hardtmann, Wiesdorf, P. Backes, Cologne, Deutz, and H. Stötter, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Textile pest proofing media. 1,903,864; Apr. 18.
- Hentrich, Winfrid, Leverkusen-on-the-Rhine, and J. Hilger, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. 2,4-di(nitrophenyl)-6-halogen-1,3,5-triazines and making the same. 1,904,229; Apr. 18.
- Hentrich, Winfrid, and M. Hardtmann, Wiesdorf-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Triazine derivatives and making them. 1,911,689; May 30.
- Hentrich, Winfrid, Leverkusen-Wiesdorf, Strobel, Opladen, and E. Tietze, Cologne, Germany, assignors to General 3-nitro-4-hydroxybenzamide. 1,927,936; Sept. 26.
- Hentrich, Winfrid, Erlangen, and H. Keppler, Cologne-on-the-Rhine, assignors, by mesne assignments, to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphocarbozyllic acid amide. 1,931,540; Oct. 24.
- Hentrich, Winfrid, Erlangen, M. Hardtmann, Naunhof, near Leipzig, and P. Backes, Rheydt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Yellow and orange colored vulcanizate. 1,940,053; Dec. 19.
- Hentschel, Ernest R., deceased, Washington, D. C.; J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Volume control system. 1,893,671; Jan. 10.
- Hentschel, Ernest R., deceased, Washington, D. C.; John Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Volume control system. 1,896,172; Feb. 7.
- Hentschel, Ernest R., deceased, Washington, D. C.; J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Automatic volume control system. 1,896,173; Feb. 7.
- Hentschel, Ernest R., deceased, Washington, D. C.; J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Frequency control apparatus. 1,904,140; Apr. 18.
- Hentschel, Ernest R., deceased, Washington, D. C.; J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Constant frequency control apparatus. 1,904,771; Apr. 18.
- Hentschel, Ernest R., deceased, Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y., by John Olson, administrator. Volume control system for radio-receivers. 1,909,954; May 23.
- Hentschel, Ernest R., deceased, Washington, D. C.; J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Volume control system for radio-receivers. 1,916,795; July 4.
- Hentschel, Ernest R., Washington, D. C., deceased, J. Olson, administrator, assignor to Wired Radio, Inc., New York, N. Y. Oscillator circuit. 1,933,979; Nov. 7.
- Hentschell, Charles J. V., and G. H. Wheldon, Minneapolis, Minn. Automatic break web switch and cutter. 1,929,114; Oct. 3.
- Hentschke, Karl, Berlin-Charlottenburg, and O. Vom Boverst, Dresden, assignors, by mesne assignments, to Samsonwerk G. m. b. H., Berlin, Germany. Fluid distributor device for fluid driving gears. 1,917,116; July 4.
- Hentzell, Alfred A., Littleton, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J. Forging mechanism. 1,896,621; Feb. 7.
- Henze, Otto, Philadelphia, Pa. Fishing reel. 1,940,593; Dec. 19.
- Henze, Paul, and G. S. Gillberg, assignors to Electromotive Instrument Co., Detroit, Mich. Therapeutic articulating apparatus. 1,914,202; June 13.
- Hepburn, Donald M., Philadelphia, Pa., assignor to Amiesite Asphalt Company of America, Camden, N. J. Asphaltic emulsion. 1,931,072; Oct. 17.
- Hepburn, Stuart M., Pampa, Tex. Trailer hitch. 1,895,992; Jan. 31.
- Hepburn, William M., and R. S. Fearnside, assignors to Surface Combustion Corporation, Toledo, Ohio. Wire heating apparatus. 1,916,372; July 4.
- Hepner, Eugene, Berlin-Wilmersdorf, and H. Meurer, Cologne-on-the-Rhine, assignors to the Firm of Jaroslaw's Erste Glimmerwaren Fabrik in Berlin, Berlin, Germany. Conducting wire. 1,939,552; Dec. 12.
- Hepp, Sigel F., Hamburg, N. Y. Abrasive article and making same. 1,932,104; Oct. 24.
- Heraeus-Vacuumschmelze A-G. (See Rohn, Wilhelm, assignor.)
- Herald, Floyd D., Frankfort, Ky. Forming bindings. 1,938,288; Dec. 5.
- Herald, Floyd D., Frankfort, Ky. Shoe sewing machine. 1,938,289; Dec. 5.
- Heran, Josef. (See Hendriksen, J., and Heran.)
- Herb, Otto J. (See Thomas, G. F., and Herb.)
- Herbein, George W., San Francisco, Calif. Artificial drying oil. 1,918,599; July 18.
- Herbert, Edward F., Cincinnati, Ohio. Vehicle unloading closure and mounting. 1,895,325; Jan. 24.
- Herbert, Ervin L., Los Angeles, Calif. Game. 1,927,741; Sept. 19.
- Herbert, Frederick W., et al. (See Rashleigh, Thomas P. K., assignor.)
- Herbert, Jacob, Newton, Mass. Sanitary and protective insert for footwear. 1,926,283; Sept. 12.
- Herbert, Martin. (See Brzezicki, John K., assignor.)
- Herberts, Curtis A., Los Angeles, Calif. Spindle shaper. 1,893,080; Jan. 3.
- Herbst, Thomas R., jr., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Method of and apparatus for manufacturing lath. 1,897,803; Feb. 14.
- Herbst, Thomas R., jr., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Metallic lathing. 1,897,842; Feb. 14.
- Herbsman, Abraham M., Huntington Park, Calif. Making a molded article. 1,894,400; Jan. 17.
- Herbsman, Abraham M., Huntington Park, Calif. Treating petroleum emulsions. 1,921,751; Aug. 8.
- Herbsman, Abraham M., Huntington Park, and R. B. Campbell, Walnut Park, Calif.; said Campbell assignor to said Herbsman. Hand spray device. Des. 89,152; Jan. 31.
- Herbsman, Abraham M., Huntington Park, and R. B. Campbell, Walnut Park, Calif.; said Campbell assignor to said Herbsman. Compound pump. 1,909,955; May 23.
- Herbsman, Abraham M., Huntington Park, and R. B. Campbell, Walnut Park, assignors to Industrial Patents, Ltd., Los Angeles, Calif. Mixing device. 1,924,038; Aug. 22.
- Herbsman, Abraham M., Huntington Park, assignor to Industrial Patents, Ltd., Los Angeles, Calif. Treating petroleum emulsions. 1,931,112; Oct. 17.
- Herbst, Clarence A., assignor to Economy Fuse and Manufacturing Co., Chicago, Ill. Fuse powder. 1,908,979; May 16.
- Herbst, Gottfried J., Dresden, Germany. Comb-cleaner. 1,938,144; Dec. 5.
- Herbster, Benjamin H., Milwaukee, Wis., assignor, by mesne assignments, to Boston Machine Works Company, Lynn, Mass. Apparatus for forming back heel seams for footwear. 1,910,694; May 23.
- Herbster, Fred C. (See Gronemeyer, H. W., and Herbster.)
- Herckelbont, Raoul A., Bagnolet, France. Machine for grinding springs. 1,932,893; Oct. 31.
- Hercules Coupling Company. (See Malzard, Herbert E., assignor.)
- Hercules Glue Company. (See Littooy, John F., assignor.)
- Hercules Motor Corporation, The. (See Balough, Charles, assignor.)
- Hercules Motors Corporation. (See La Salle, George W., assignor.)
- Hercules Motors Corporation. (See Smith, Harold G., assignor.)

- Hercules Powder Company. (See Alexander, Harvey B., assignor.)
- Hercules Powder Company. (See Ayer, William T., assignor.)
- Hercules Powder Company. (See Barab, Jacob, assignor.)
- Hercules Powder Company. (See Borglin, Joseph N., assignor.)
- Hercules Powder Company. (See Botts, H. W., and Champney, assignors.)
- Hercules Powder Company. (See Byrkit, Rollin J., jr., assignor.)
- Hercules Powder Company. (See Champney, Hubert H., assignor.)
- Hercules Powder Company. (See Crater, Willard De C., assignor.)
- Hercules Powder Company. (See Hancock, Roy S., assignor.)
- Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
- Hercules Powder Company. (See Johnston, Alan C., assignor.)
- Hercules Powder Company. (See Kennedy, George F., assignor.)
- Hercules Powder Company. (See Langmeier, Arthur, assignor.)
- Hercules Powder Company. (See Milliken, Mahlon G., assignor.)
- Hercules Powder Company. (See Mohler, Arthur L., assignor.)
- Hercules Powder Company. (See Norman, George M., assignor.)
- Hercules Powder Company. (See Norton, Sereno G., assignor.)
- Hercules Powder Company. (See Norton, S. G., and Boyd, assignors.)
- Hercules Powder Company. (See Peters, Garrett H., assignor.)
- Hercules Powder Company. (See Piccard, Jean, assignor.)
- Hercules Powder Company. (See Rankin, Lanning P., assignor.)
- Hercules Powder Company. (See Shapleigh, James H., assignor.)
- Hercules Powder Company. (See Smith, Lee T., assignor.)
- Hercules Powder Company. (See Stoops, Buren I., assignor.)
- Hercules Powder Company. (See Stuart, Joseph, 2d, assignor.)
- Hercules Powder Company. (See Wassén, Kurt, assignor.)
- Hercules Powder Company. (See Wiggam, David R., assignor.)
- Hercules Powder Company, Inc., et al. (See Gillcan, Charles C., assignor.)
- Herda, Joseph. (See Slama, V., and Herda.)
- Herder, Carl, assignor to A. O. Smith Corporation, Milwaukee, Wis. Draftsman's reference table. 1,939,849; Dec. 19.
- Herdeg, Howard B., Buffalo, N. Y. Strike plate construction for doors. 1,913,444; June 13.
- Herdeg, Howard B., and M. E. Smith, Buffalo, N. Y. Combination antirattle and fastening device for window sash. 1,923,146; Aug. 22.
- Herdey, Otto R. (See Rühlemann, F., and Herdey.)
- Herdieckerhoff, Ernst. (See Tschunkur, E., and Herdieckerhoff.)
- Herdieckerhoff, Ernst, Opladen, and F. Ballauf, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Ketone hydrazones and making the same. 1,935,712; Nov. 21.
- Herdlein, Wallace, St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Air conditioning system for railway cars. 1,937,568; Dec. 5.
- Herdlein, Wallace H. (See Campbell, E. D., and Herdlein.)
- Herdter, George A., St. Albans, assignor to C. R. Daniels Inc., New York, N. Y. Sewing machine. 1,917,840; July 11.
- Hérens, Alfred J. A., Paris, France. Coal distillation. 1,909,956; May 23.
- Hering, Herbert C., Cincinnati, Ohio. Curtain display hanger. 1,902,402; Mar. 21.
- Heritage, Clark C., Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Reducing a nitro compound by means of a metal. 1,904,047; Apr. 18.
- Heritage, Clark C., Rumford, Me., E. R. Schafer, Madison, Wis., and L. A. Carpenter, Rumford, Me., dedicated to the Government and the people of the United States of America. Separating bast fibers from shives. 1,922,366; Aug. 15.
- Hérivel, Harold T., et al. (See Ayer, F., Crowfoot, Hérivel, and Sorensen.)
- Herklots, Johannes G. M., Koenigstein, Cheribon, Java, Dutch East Indies. Record strip for sound reproducing machines. 1,904,944; Apr. 18.
- Herlbauer, Joseph J., Long Island, N. Y. Portable convertible lamp. 1,899,868; Feb. 28.
- Herlihy, John J., Pittsburgh, Pa. Combined radio cabinet and lamp. 1,917,798; July 11.
- Herman, Alexander, Berlin, Germany. Sliding window. 1,935,559; Nov. 14.
- Herman, Claude A. (See McFarland, H., and Herman.)
- Herman, Fred W. (See Laddon, I. M., Ring, and Herman.)
- Herman, Frederick H. (See Johnston, Samuel, assignor.)
- Herman, Joseph. (See Bailey, A., Herman, and Wintringham.)
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Transmission measuring system. 1,908,351; May 9.
- Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 1,930,616; Oct. 17.
- Herman Nelson Corporation, The. (See Shurtleff, Wilfred, assignor.)
- Herman, Raymond L., New York, assignor to Benjamin May and Louis Schulman, Brooklyn, N. Y. Collapsible tap. 1,905,709; Apr. 25.
- Herman, William, and W. H. Sommer, Peoria, Ill. Producing wire rods. 1,901,514; Mar. 14.
- Hermani, Henry, Baltimore, Md., assignor, by mesne assignments, to American Can Company, New York, N. Y. Attaching keys and the articles. 1,922,916; Aug. 15.
- Hermani, Henry, assignor to The Tin Decorating Company, Baltimore, Md. Dispensing receptacle. 1,940,751; Dec. 26.
- Hermani, Henry, Baltimore, Md., assignor to The Bayer Company, Inc., New York, N. Y. Display stand. 1,940,909; Dec. 26.
- Hermann, Earnest T., Manhattan Beach, Calif. Sound absorbing material and making the same. 1,929,425; Oct. 10.
- Hermann, John F., Havana, Ill. Internal combustion engine. 1,933,432; Oct. 31.
- Hermann Manufacturing Company, The. (See Hermann, Walter H., assignor.)
- Hermann, Otto, assignor to Thermo Electric Company, St. Louis, Mo. Thermoelectric element and thermocouple. 1,920,559; Aug. 1.
- Hermann, Peter C., Berlin-Zehlendorf-Mitte, Germany, assignor to General Electric Company. Apparatus for making magnetic tests. 1,925,872; Sept. 5.
- Hermann, Volquardt O. (See Van Emden, August B., assignor.)
- Hermann, Walter H., assignor to The Hermann Manufacturing Company, Lancaster, Ohio. Machine for refining paper stock and pulp. 1,908,842; May 16.
- Hermann, William M., Northampton, Mass. Oil burner attachment. 1,934,265; Nov. 7.
- Hermann, Wolfgang, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Spraying device. 1,910,014; May 23.
- Hermansdorfer, Adam J., Calumet City, Ill., assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Shearing machine. 1,931,760; Oct. 24.
- Hermanson, Edwin E., Marquette, Mich. Utility cabinet. 1,940,167; Dec. 19.
- Hermanson, Sune, Milwaukee, and O. E. Andrus, Wauwatosa, assignors to A. O. Smith Corporation, Milwaukee, Wis. Lining of high pressure tubular articles. 1,934,064; Nov. 7.
- Hermanson, Sune, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making lined nozzles. 1,934,065; Nov. 7.
- Hermanson, William A. (See Bangs, R. L., and Hermanson.)
- Hermisdorf, Walter H., assignor to The Hump Hairpin Manufacturing Company, Chicago, Ill. Hair clasp. 1,936,838; Nov. 28.
- Hermisdorf, Walter H., assignor to Chain Store Products Corporation, Chicago, Ill. Display carton. 1,937,569; Dec. 5.
- Hernandez, Paul A., Oakland, Calif. Signaling device. 1,910,248; May 23.
- Hernandez, Robert M., Birmingham, Ala. Display stand. 1,927,283; Sept. 19.
- Herndon, Alton, Waltham, Mass. Cap driver. 1,895,037; Jan. 24.
- Herndon, Henry A., Chicago, Ill. Friction draft gear. 1,935,879; Nov. 21.
- Herndon, Henry A., Chicago, Ill., assignor to The Bradford Patents Corporation, New York, N. Y. Friction draft gear. 1,939,303; Dec. 12.
- Herndon, O. K. (See Russell, Alney R., assignor.)
- Herndon, Oscar K. (See Fry, Thomas E., assignor.)
- Herod, Omar L., Point Marion, Pa. Stretcher. 1,924,496; Aug. 29.
- Herold, Edmund, Pompton Lake, N. J. Hand bag. 1,936,358; Nov. 21.
- Herold, James L., and J. W. Dawson, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Distributing feeder. 1,898,662; Feb. 21.
- Herold, Paul, and G. A. Krajewski, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of molybdenum and similar metals. 1,911,505; May 30.
- Herold, Paul, Neuroessen, and F. Reubold, Merseburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of aromatic amines from phenols. 1,935,209; Nov. 14.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 1,895,882; Jan. 31.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Cushion slide for furniture. 1,914,203; June 13.
- Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster socket for tubular legs. 1,935,560; Nov. 14.

- Herold, Walter F., and E. E. Knittel, assignors to The Bassick Company, Bridgeport, Conn. Swivel bearing. 1,914,204; June 13.
- Heronimos, Arthur J., London, England. Stroboscopic relative speed indicator. 1,918,908; July 18.
- Heronymus, Earl. (See Velling, J. J., and Heronymus.)
- Herr, Edward A., Philadelphia, Pa. Garment drier for boudoir use. 1,914,190; June 13.
- Herr, Edward W., Freeport, assignor to Darco Sales Corporation, New York, N. Y. Promotion of fermentation. 1,917,521; July 11.
- Herr, Frank E., Lancaster, Pa. Valve apparatus. 1,895,326; Jan. 24.
- Herr, Frank E., Lancaster, Pa. Oil burner. 1,921,922; Aug. 8.
- Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring. 1,909,957; May 23.
- Herr, Henry C., assignor to Herr Manufacturing Company, Incorporated, Buffalo, N. Y. Wire straightening machine. 1,912,940; June 6.
- Herr, Henry C., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Spinning ring. 1,933,326; Oct. 31.
- Herr, John D., Richmond, Va., and L. A. Rowe, Oak Park, assignors to Spring Packing Corporation, Chicago, Ill. Journal box for railway equipment. 1,907,808; May 9.
- Herr Manufacturing Company. (See Herr, Harvey E., assignor.)
- Herr Manufacturing Company. (See Herr, Henry C., assignor.)
- Herr, Park A., Hillside, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating system for sewing machines. 1,909,826; May 16.
- Herr, Park A., Hillside, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Edge-guide for book-sewing machines. 1,934,426; Nov. 7.
- Herre, Peter. (See Ewest, H., and Herre.)
- Herrero, John, Brooklyn, N. Y. Wind motor. 1,914,426; June 20.
- Herreshoff, Alexander G., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Vehicle body door stiffener. 1,902,499; Mar. 21.
- Herrick, Henry N. (See Zeitfuchs, E. H., and Herrick.)
- Herrick, Henry N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Measuring instrument. 1,909,619; May 16.
- Herrick, William F., Jackson Heights, N. Y. Parachute. 1,908,243; May 9.
- Herring, Edgar, London, England. Heating apparatus for warming buildings. 1,910,105; May 23.
- Herring, Frank D., Talladega, Ala., assignor to Draper Corporation, Hopedale, Mass. Grate cleaning mechanism for looms. 1,937,082; Nov. 28.
- Herring, George E., Chicago, Ill. Treating fabric. 1,916,050; June 27.
- Herring, George E., Chicago, Ill. Tarnish-proof container. 1,939,497; Dec. 12.
- Herrington, John A. (See Evans, S., and Herrington.)
- Herrington, John A., assignor to Hughes Tool Company, Houston, Tex. Flushing device for well drills. 1,922,436; Aug. 15.
- Herrington, Rolland. (See Almond, L. L., Herrington, and Matthews, assignors.)
- Herriott, George H. (See Maxim, H. H., Herriott, and Knapp.)
- Herriott, William. (See Goehner, W. R., and Herriott.)
- Herriott, William, Freeport, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording and reproducing system. 1,918,267; July 18.
- Herrmann, A. C., Co. (See Ribeiro, Manoel H., assignor.)
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Rayon spinning machine. 1,893,054; Jan. 8.
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Spooling machine. 1,893,055; Jan. 8.
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. After treatment of filaments. 1,921,123; Aug. 8.
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Handling of artificial threads. 1,926,536; Sept. 12.
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Treatment of spinning cakes. 1,938,830; Dec. 12.
- Herrmann, Ella E., assignor to The Lehman Company of America, Cannelton, Ind. Desk and blackboard arrangement. 1,899,687; Feb. 28.
- Herrmann, Heinrich, & Weiss. (See Weiss, Adolph, assignor.)
- Herrmann, Karl, Vienna, Austria, assignor, by mesne assignments, to Bonicot Corporation of America. Rendering nonpoisonous the tobacco fumes during smoking. 1,902,775; Mar. 21.
- Herrmann, Karl L., assignor to The Bantam Ball Bearing Company, South Bend, Ind. Antifriction bearing. 1,913,275; June 6.
- Herrmann, Karl L., assignor to Bantam Ball Bearing Company, South Bend, Ind. Antifriction bearing. 1,931,073; Oct. 17.
- Herrmann, Lorenz S., jr., Mount Lebanon Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coke oven apparatus. 1,920,949; Aug. 1.
- Herrmann, Otto. (See Schwalbe, W., and Herrmann.)
- Herrmann, Otto, Wiesbaden, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Making viscose. 1,917,646; July 11.
- Herrmann, Rudolf, Dresden, Germany. Shaker sieve made of wire gauze and used for vibrators. 1,915,931; June 27.
- Herrmann, Walter. (See Fehrlie, A., Streitwolf, and Herrmann.)
- Herrmann, Walter. (See Streitwolf, Karl, Fehrlie, and Herrmann.)
- Herrmann, Willy O. (See Eibner, A., Herrmann, Haehnel, and Miller.)
- Herrmann, Willy O., and E. Baum, assignors to Consortium für Elektrochemische Industrie, Munich, Bavaria, Germany. Preparation of unsaturated hydrocarbons. 1,898,301; Feb. 21.
- Herrmann, Willy O., and H. Deutsch, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing unsaturated ethers. 1,902,169; Mar. 21.
- Herrmann, Willy O., and E. Baum, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing asymmetrical dichloracetone. 1,916,979; July 4.
- Herrmann, Willy O., and E. Baum, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Adding hydrogen halide to acetylene. 1,919,886; July 25.
- Herrmann, Willy O., and W. Haehnel, assignors to Consortium für Elektrochemische Industrie, Munich, Germany. Ice cream and preparing same. 1,921,124; Aug. 8.
- Herrmann, Willy O., and E. Baum, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing dichlorethylene. 1,921,879; Aug. 8.
- Herrmuth, Ernst. (See Oehme, H., and Herrmuth.)
- Herrrod, Clarence L., Houston, Miss. Vacuum electric throttle. 1,911,619; May 30.
- Herrold, Wallace N., Richmond Hill, N. Y. Light support. 1,940,054; Dec. 19.
- Herron, Albert O., Waterbury, Conn. Inner tube for vehicle tires. 1,908,244; May 9.
- Herron, Anna L., et al. (See Herron, Ollie L., assignor.)
- Herron, Ollie L., et al. (See Hall, William J., assignor.)
- Herron, Ollie L., assignor of thirty per cent to A. L. Herron, twenty per cent to J. B. Zimmers, and thirty per cent to W. M. Zimmers, Chicago, Ill. Windshield. 1,927,033; Sept. 19.
- Herron, Ollie L., assignor of thirty per cent to A. L. Herron, twenty per cent to J. B. Zimmers, and thirty per cent to W. M. Zimmers, Chicago, Ill. Windshield. 1,927,034; Sept. 19.
- Herrstrum, Rudolph E. (See Hunt, W. P., and Herrstrum.)
- Herschel, William S. (See Freeman, B. W., and Herschel.)
- Herschman, Harry K., Washington, D. C., and J. L. Basil, Annapolis, Md. Metal alloy. 1,895,261; Jan. 24.
- Hersey Manufacturing Company. (See Harrigan, Harold W., assignor.)
- Hersey, Ralph E. (See Henry, I. H., and Hersey.)
- Hershey, Harry E. (See Nelson, M. L., and Hershey.)
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Selective signaling system. 1,900,499; Mar. 7.
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Time signaling system. 1,924,402; Aug. 29.
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Remote control system. 1,930,517; Oct. 17.
- Hershey, Harry E., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Remote control system. 1,932,623; Oct. 31.
- Hershey, John A., Cherryville, Pa. Scaffolding. 1,905,626; Apr. 25.
- Hershey, Orville S., assignor, by mesne assignments, to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 1,898,127; Feb. 21.
- Herstein, Karl M., New York, N. Y., assignor to Zenobia Company, Inc. Nut product and preparing same. 1,914,638; June 20.
- Hertel, Nicholas, Grand Rapids, Mich. Sprinkler nozzle. 1,931,761; Oct. 24.
- Hertel, Richard K. (See Smith, N. K., and Hertel.)
- Herter, Frederick J., East Cleveland, Ohio, assignor to Camel Company, Chicago, Ill. Car door. 1,918,964; July 18.
- Herthel, Eugene C. (See Pelzer, H. L., and Herthel.)
- Herthel, Eugene C., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 1,900,110; Mar. 7.
- Herthel, Eugene C., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbons. 1,908,606; May 9.
- Herthel, Eugene C., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbons. 1,924,687; Aug. 29.
- Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining. 1,937,759; Dec. 5.

- Hertel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbon oils. 1,939,263; Dec. 12.
- Hertneck, Frederick G., Seattle, Wash. Safety device for gas burners. 1,940,127; Dec. 19.
- Herting, Otto, assignor to Purity Fibre Products Corporation, Philadelphia, Pa. Cooking utensil. 1,910,468; May 23.
- Hertlein, Hans. (See Weinand, K., Taube, and Hertlein.)
- Hertlein, Hans O., Cologne-Worringer, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Acetylating cellulose. 1,912,275; May 30.
- Hertner Electric Company. (See Hertner, John H., assignor.)
- Hertner, Henry A., Amarillo, Tex. Releasing tray for ice cubes. 1,913,080; June 6.
- Hertner, John H., Lakewood, assignor to The Hertner Electric Company, Cleveland, Ohio. Insulator. 1,900,710; Mar. 7.
- Hertz, Benjamin S. (See Campbell, Arthur J., assignor.)
- Hertz, Hjalmar, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric lamp shade. 1,899,272; Feb. 28.
- Hertz, Stanislas, and M. P. Berger, Paris, France. Starting apparatus for rotary engines. 1,921,880; Aug. 8.
- Hertzberg, Harry, New York, N. Y. Mop. 1,922,621; Aug. 15.
- Hertzberg, Harry, Brooklyn, N. Y. Wet mop. 1,933,802; Nov. 7.
- Hertzberg, Harry, New York, N. Y. Polishing mop. 1,940,543; Dec. 19.
- Hertzsch, Paul, Markranstadt near Leipzig, Germany. Drying and cleaning hides. 1,911,896; May 30.
- Hertzsch, Paul, Markranstadt near Leipzig, Germany. Apparatus for drying and cleaning hides. 1,918,909; July 18.
- Hervey, Earl C., assignor to Hydraulic-Press Brick Company, Indianapolis, Ind. Ornamental brick and producing same. 1,905,170; Apr. 25.
- Herwig, Ernest C. L., New Orleans, La. Water bicycle. 1,920,391; Aug. 1.
- Héry, Edouard, Paris, France. Pulp beating engine. 1,920,392; Aug. 1.
- Héry, Edouard, Paris, France. Beater for the paper industry. 1,925,922; Sept. 5.
- Herz, Alexander. (See Conti, Eugene, assignor.)
- Herz, Alexander. (See McKee, R. H., and Morse, assignors.)
- Herz, Alfred, assignor of one-half to E. O. Schweitzer, Chicago, Ill. Electric switching device. 1,916,616; July 4.
- Herz, Alfred, assignor of one-half to E. O. Schweitzer, Chicago, Ill. Molding for ground wires and the like. 1,923,825; Aug. 22.
- Herz, Alfred, Chicago, Ill. Compensating drive. 1,931,493; Oct. 24.
- Herz, Alexander. (See Conti, Eugene, assignor.)
- Herz, Alexander, New Rochelle, N. Y. Visible date scheduling appliance. 1,931,224; Oct. 17.
- Herz, Ferdinand B., assignor to Long Manufacturing Company, Detroit, Mich. Making an auxiliary front for a radiator unit. 1,899,617; Feb. 28.
- Herz, Richard, Frankfurt-on-the-Main, E. Albrecht, Fechenheim near Frankfurt-on-the-Main, and R. Dereser, Höchst-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacturing phenylthioglycolic acids, containing halogen and alkyl groups in their molecule. 1,897,516; Feb. 14.
- Herz, Richard, Frankfurt-on-the-Main, and M. Schubert, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Indophenols of the benzocarbazole series and making same. 1,898,445; Feb. 21.
- Herz, Richard, Frankfurt-on-the-Main, M. Schubert, and W. Hechtenberg, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New dyestuffs containing sulphur. 1,898,446; Feb. 21.
- Herz, Richard, Frankfurt-on-the-Main, and W. Zerweck, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Brominating anthranthrene. 1,905,285; Apr. 25.
- Herz, Richard, Frankfurt-on-the-Main, and W. Zerweck, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chlorinating anthranthrene. 1,905,286; Apr. 25.
- Herz, Richard, Frankfurt-on-the-Main, and M. Schubert, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacturing nuclear halogenated derivatives of arylamino-thiazole compounds. 1,905,287; Apr. 25.
- Herz, Richard, Frankfurt-on-the-Main, and W. Zerweck, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacturing orange vat dyestuffs. 1,916,812; July 4.
- Herz, Richard, Frankfurt-on-the-Main, and W. Hechtenberg, Mainkur, near Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Fast blue sulphur dyestuffs. 1,939,008; Dec. 12.
- Herzberg, Franz, Leisnig, Germany. Gasifying finely divided solid and liquid fuels. 1,939,498; Dec. 12.
- Herzberg, Wilhelm, Berlin-Wilmersdorf, and H. Lange, Berlin-Friedenau, Germany, assignors, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Manufacturing substituted secondary amines of the benzyl-anilid type. 1,902,854; Mar. 28.
- Herzbrun, Isadore, et al. (See Schultis, Charles F., assignor.)
- Herzfelder, Harold L., New York, N. Y., and M. Harris, Newark, N. J.; said Harris assignor to said Herzfelder. Lamp or similar article. Des. 90,250; July 4.
- Herzinger, Robert L., and J. S. Gabriel, Salt Lake City, Utah. Brake lining. 1,935,713; Nov. 21.
- Herzmann, Otto, Essen, Germany. Cover for the openings of cooking stove hot plates. 1,922,243; Aug. 15.
- Herzmark, Nicolas, Paris, France. Air compressor. 1,900,284; Mar. 7.
- Herzog, Carl, Irvington, N. J. Bottle washing device. 1,893,498; Jan. 10.
- Herzog, Hans, Bremen, Germany. Producing monochrome or multicolor gelatin relief photographs. 1,926,620; Sept. 12.
- Herzog, John L., assignor to John L. Herzog Co., Saginaw, Mich. Machine for making panel core stock from mill clippings and the like. 1,901,598; Mar. 14.
- Herzog, John L., Co. (See Herzog, John L., assignor.)
- Herzog, Moses, Washington, D. C. Key-holding case. 1,908,352; May 9.
- Herzstark, Samuel J., Vienna, Austria. Printing or typing adding or subtracting machine or typing calculating machine. 1,893,081; Jan. 3.
- Herzstein, Max, and R. H. Porter, San Antonio, Tex., said Herzstein assignor to said Porter. Fire extinguisher. 1,927,742; Sept. 19.
- Hescock, Ethan N., Westfield, assignor to Henry B. Newhall Corporation, Garwood, N. J. Knockdown cable reel. 1,915,825; June 27.
- Hess, Albert L., assignor to Cycletow Corporation, Ltd., Los Angeles, Calif. Towable motor cycle. 1,921,029; Aug. 8.
- Hess-Bright Manufacturing Company. (See Faust, Claus W., assignor.)
- Hess-Bright Manufacturing Company, The. (See Beckett, Harry S., assignor.)
- Hess-Bright Manufacturing Company, The. (See Benson, Carl N., assignor.)
- Hess-Bright Manufacturing Company, The. (See Brunner, Harold E., assignor.)
- Hess-Bright Manufacturing Company, The. (See Dewees, George W., assignor.)
- Hess-Bright Manufacturing Company, The. (See Styrl, Haakon, assignor.)
- Hess, Bryce M., Chicago, Ill. Mirror-equipped structure. 1,921,752; Aug. 8.
- Hess, Bryce M., Chicago, Ill. Drying apparatus. 1,926,772; Sept. 12.
- Hess, Charles W., Middletown, N. Y. Flush valve. 1,931,608; Oct. 24.
- Hess, Claude L., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Stud driver. 1,898,726; Feb. 21.
- Hess, Emil E., and H. J. Farrant, Los Angeles, Calif. Handgrip for firearms. 1,898,368; Feb. 21.
- Hess, Fred. (See Le Bontillier, H. W., and Hess.)
- Hess, Fred, assignor, by mesne assignments, to The Selas Company, Philadelphia, Pa. Soldering iron. 1,906,852; May 2.
- Hess, Harry W., Kansas City, Mo., assignor to Carburetor Control Company, Los Angeles, Calif. Carburetor. 1,927,090; Sept. 19.
- Hess, Harry W., Milwaukee, Wis., assignor to Carburetor Control Company. Carburetion device. 1,927,091; Sept. 19.
- Hess, Henry K., Wolcott, N. Y. Bowling alley. 1,893,412; Jan. 3.
- Hess, Henry K., Wolcott, N. Y. Self service bowling alley. 1,899,441; Feb. 28.
- Hess, Henry K., Wolcott, N. Y. Bowling alley. 1,899,442; Feb. 28.
- Hess, Howard P., Chester, N. Y. Combination hot and cold water connection. 1,917,033; July 4.
- Hess, Jacob J., Freeport, Ill. Combined coin purse and bill fold. 1,937,384; Nov. 28.
- Hess, James W., Compton, Calif. Airship. 1,915,855; June 27.
- Hess, Julius H., Chicago, Ill. Infant incubator. 1,900,342; Mar. 7.
- Hess, Julius H., Chicago, Ill. Infant incubator. 1,933,733; Nov. 7.
- Hess, Murray J., Omaha, Nebr. Reel and bag support. 1,928,153; Sept. 26.
- Hess, Raymond W. (See Moses, F. G., Hess, and Perkins.)
- Hess, Raymond W., Buffalo, assignor to The Barrett Company, New York, N. Y. Concentration of minerals by flotation. 1,904,461; Apr. 18.
- Hess, Raymond W., and J. M. F. Leaper, Buffalo, assignors to The Barrett Company, New York, N. Y. Flotation of minerals. 1,904,462; Apr. 18.
- Hess, Raymond W. and M. H. Fleysheer, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Production of green sulphur dyes. 1,938,963; Dec. 12.
- Hessdoerfer, George M. (See Furedy, Frank, assignor.)
- Hessdorfer, Ernst. (See Nagel, Konrad, assignor.)
- Hesse, Maurice A. (See Black, H., Holmes, and Hesse.)
- Hessell, Frederick A., New York, N. Y. Air conditioning substance. 1,907,809; May 9.

- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden. Internal combustion engine. 1,902,776; Mar. 21.
- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden. Fuel injection for internal combustion engines. 1,912,367; June 6.
- Hesselman, Knut J. E., Saltsjö-Storangen, near Stockholm, Sweden. Mechanism for controlling the admission of fuel and air to internal combustion engines for highly volatile fuel. 1,931,541; Oct. 24.
- Hesselman, Knut J. E., Saltsjö-Storangen, Sweden. Internal combustion engine. 1,931,542; Oct. 24.
- Hessen-Nassauischer Huttenverein, G. m. b. H. (See Krämer, Fritz, assignor.)
- Hessen, Richard, Bautzen, Germany. Preparation of resins. 1,917,713; July 11.
- Hessenbruch, Hermann M., Wynnewood, assignor to Philadelphia Lawn Mower Company Inc., Philadelphia, Pa. Adjustment for the stationary knives of lawn mowers. 1,911,117; May 23.
- Hesser, Fr., Maschinenfabrik-Aktiengesellschaft. (See Gangler, Paul, assignor.)
- Hessert, Raymond M., Philadelphia, Pa. Photographing apparatus. 1,939,446; Dec. 12.
- Hessert, Raymond M., Philadelphia, Pa. Photographic accessory. 1,941,003; Dec. 26.
- Hessert, Raymond M., Philadelphia, Pa. Combined photographing, endorsing, and perforating machine for checks and the like. 1,941,004; Dec. 26.
- Hessinger, Peter, Buffalo, N. Y. Windshield wiper. 1,912,198; May 30.
- Hession, John H., Belmont, Mass. Waterproof joint. 1,934,266; Nov. 7.
- Hessle, Eric T., Lockport, assignor to Mid-West Chemical Company, Chicago, Ill. Insecticide. 1,921,158; Aug. 8.
- Hessling-De Werner, Elvire. (See Hessling, Waldemar, assignor.)
- Hessling, Waldemar, Geneva, assignor to Elvire Hessling-De Werner, Vevytau-Territet, Switzerland. Apparatus for the agglomeration of solid carbon dioxide. 1,919,698; July 25.
- Hester, James E., Pittsburgh, Pa. Knife. 1,926,944; Sept. 12.
- Heston, Allen L., Columblana, Ohio, assignor to United States Rubber Company, New York, N. Y. Tire shaping machine. 1,916,422; July 4.
- Hetch, Edmond L., New York, N. Y. Ashpan and blow off muffler structure. 1,895,161; Jan. 24.
- Heter, Wylie, Scotia, N. Y., assignor to General Electric Company. Direct current dynamo-electric machine. 1,893,367; Jan. 3.
- Hetherington, George B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Spacer for piling pipe. 1,921,228; Aug. 8.
- Hetherington, Harry C. (See Krase, H. J., and Hetherington.)
- Hetherington, Harry C., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea manufacture. 1,937,116; Nov. 28.
- Hetherington, John, Keyport, N. J. Game device. 1,918,472; July 18.
- Hetherington, Robert. (See Chism, Walter, assignor.)
- Hetherington, Robert, Sharon Hill, Pa. Clamping bracket. 1,897,578; Feb. 14.
- Hetherington, Robert, Sharon Hill, Pa. Pressure regulator for thermostat control. 1,910,919; May 23.
- Hetherington, Robert, Sharon Hill, Pa. Thermostatic control device. 1,940,090; Dec. 19.
- Hetland, Charles M., assignor to The Hetland Sterilizer Company, St. Paul, Minn. Sterilizer. 1,938,553; Dec. 5.
- Hetland Sterilizer Company, The. (See Hetland, Charles M., assignor.)
- Hetrick, Bernard D., Butler, Pa. Tag. 1,910,218; May 23.
- Hettler, Eberhard. (See Jipp, A., Rossberg, and Hettler.)
- Hetrick Manufacturing Company, The. (See Friesner, Charles E., assignor.)
- Hetrick Manufacturing Company, The. (See Rueter, Herman, assignor.)
- Hetzl, Frank L., Hermosa Beach, Calif. Pneumatic loud speaker. 1,898,302; Feb. 21.
- Hetzl, Ralph G., Pittsburgh, Pa. Flag holder. 1,928,563; Sept. 28.
- Hetzel, Theodore B., West Chester, Pa., assignor to Link-Belt Company, Chicago, Ill. Vibrating screen. 1,931,657; Oct. 24.
- Hetzer, Josef. (See Günther, F., and Hetzer.)
- Hetzler, Charles R., Rock Springs, Wyo. Well pumping device. 1,927,494; Sept. 19.
- Heuck, Claus. (See Luther, M., and Heuck.)
- Heuer, Josef, Grunze, Germany. Traffic signal apparatus. 1,900,060; Mar. 7.
- Heuer, Lawrence H., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembly for mattresses and the like. 1,907,541; May 9.
- Heuer, Lawrence H., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Retaining device. 1,911,447; May 30.
- Heuer, Lawrence H., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembling machine. 1,920,862; Aug. 1.
- Heuer, Lawrence H., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembling machine. 1,930,715; Oct. 17.
- Heuer, Russell P., Philadelphia, Pa. High pressure process of molding refractory brick. 1,911,152; May 23.
- Heuer, Russell P., Haverford, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper melting furnace. 1,914,716; June 20.
- Heuer, Russell P., Haverford, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper melting furnace method. 1,914,717; June 20.
- Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. Refractory brick and method. 1,939,211; Dec. 12.
- Heuer, William E. (See Hall, E. A., and Heuer.)
- Heuer, William E., assignor to The Hall Manufacturing Company, Toledo, Ohio. Cylinder hone. 1,931,986; Oct. 24.
- Heumann, Ferdinand G., New York, N. Y. Luggage carrier. 1,932,934; Oct. 31.
- Heuser, Herman, Evanston, Ill. Preserved egg and making same. 1,900,444; Mar. 7.
- Heuser, Herman, and R. S. Heuser, Evanston, assignors to United States Process Corporation, Chicago, Ill. Removal of volatile constituents from fermented liquids. 1,906,007; Apr. 25.
- Heuser, Raymond S. (See Heuser, Herman, and R. S.)
- Heusser, Hermann, assignor to the Firm Schweizerische Lokomotiv und Maschinenfabrik, Winterthur, Switzerland. Gas engine. 1,899,869; Feb. 28.
- Heusser, Julius, and L. Tulgren, Clear Lake, Wis. Card deck holder. 1,903,744; Apr. 11.
- Heuvelink, Dirk J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Discharge tube. 1,897,255; Feb. 14.
- Heuze, Charles, Auvelais, Belgium, assignor to The American Bicherox Company. Apparatus for annealing continuous sheets of glass. 1,928,254; Sept. 26.
- Heuze, Charles, Auvelais, Belgium. Table for supporting plate glass and the like in grinding and polishing apparatus. 1,936,017; Nov. 21.
- Hevi Duty Electric Company. (See Hansen, Fred A., assignor.)
- Hevi Duty Electric Company. (See Smalley, Edwin L., assignor.)
- Hewes, Laurence I., San Francisco, Calif. Head lamp. 1,932,547; Oct. 31.
- Hewitt, Albertis, Pitman, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrically reproducing sound. 1,928,426; Sept. 26.
- Hewitt, Alfred G. (See Dietrich, H. E., and Hewitt.)
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Cutting apparatus. 1,927,608; Sept. 19.
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Inspection apparatus. 1,935,267; Nov. 14.
- Hewitt, Alfred G., assignor to The Visking Corporation, Chicago, Ill. Mechanism for and producing cellulose tubing. 1,937,225; Nov. 28.
- Hewitt, David, Flint, Mich. Combine recleaner. 1,923,977; Aug. 22.
- Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake device. 1,895,464; Jan. 31.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,895,465; Jan. 31.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Sounding horn. 1,898,536; Feb. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,910,543; May 23.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,910,544; May 23.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Flexible gasket. 1,914,600; June 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve seating device. 1,914,601; June 20.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Double check valve device. 1,919,430; July 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve for retaining valves. 1,919,431; July 25.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve loading device. 1,920,938; Aug. 1.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. 1,932,039; Oct. 24.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Push button valve. 1,935,979; Nov. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 1,939,896; Dec. 19.
- Hewitt, Ellis E., Edgewood, and T. W. Masterman, East McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Horn screen. 1,910,545; May 23.

- Hewitt, Ernest W., Stamford, Conn., and S. W. Rothermel, Lynbrook, assignors to The Western Union Telegraph Company, New York, N. Y. Motor control circuit for telegraph printers. 1,921,990; Aug. 8.
- Hewitt, William R., New York, N. Y. Pump. 1,895,623; Jan. 31.
- Hewitt, William R., New York, N. Y. Combination fuel pump and carburetor. 1,902,403; Mar. 21.
- Hewitt, William R., New York, N. Y. Piston. 1,903,216; Mar. 28.
- Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Film sound record apparatus. 1,918,102; July 11.
- Hewlett, Edward M., and W. W. Willard, Schenectady, N. Y., assignors to General Electric Company. System of gun fire control. 1,894,822; Jan. 17.
- Hewlett, Samuel D. (See Birchy, Charles and O. R., assignors.)
- Hewson, George E., Stockton, Calif. Base protector. 1,906,590; May 2.
- Hexcel Radiator Company. (See Opitz, Fred M., assignor.)
- Hey, Ernest, Bellingham, Wash. Cleaning and changing the color of rosin. 1,912,037; May 30.
- Heydthausen, John, and L. E. Stipe, Portland, Oreg. Portable refrigerator. 1,932,696; Oct. 31.
- Heyl, Frederick W., Greenwich, Conn., assignor, by mesne assignments, to Kemp Lock Inc., New York, N. Y. Lock. 1,908,980; May 16.
- Heyer, Benjamin F. W., Belleville, N. J. Combined charging and testing apparatus and stock stand. Des. 89,589; Apr. 11.
- Heyer, Don, Los Angeles, Calif. Frame for a power unit. Des. 89,507; Mar. 21.
- Heyer, Don, Los Angeles, Calif. Valve-controlling mechanism. 1,930,593; Oct. 17.
- Heyer, Martin E., assignor to The Astrup Company, Cleveland, Ohio. Awning head rod bracket. 1,931,148; Oct. 17.
- Heyl, Armin, Berlin-Halensee, Germany, assignor to General Electric Company. Long distance conduit for conveying fluids at high pressure. 1,906,855; May 2.
- Heyl, Louis H., Lakewood, assignor to The Wyodak Chemical Company, Cuyahoga Heights, Ohio. High gelatinating colloidal compound. 1,934,267; Nov. 7.
- Heyl & Patterson, Inc. (See Bickley, Ross M., assignor.)
- Heyl & Patterson, Inc. (See Brown, Raymond E., assignor.)
- Heyl, Triphon D. (See Cochrane, Fred W., assignor.)
- Heyland, Alexander, Brussels, Belgium. Polyphase commutator machine. 1,899,462; Feb. 28.
- Heylandt, Christian W. P., Berlin-Britz, Germany, assignor to Fluga Aktiengesellschaft, St. Moritz, Switzerland. Transferring liquefied gases. Re18,774; Mar. 21.
- Heylandt, Christian W. P., Berlin-Britz, Germany, assignor to Fluga Aktiengesellschaft, St. Moritz, Switzerland. Process and apparatus for transferring liquefied gases from one container to another. Re18,876; June 20.
- Heylandt, Christian W. P., Berlin-Britz, Germany, assignor to Fluga Aktien-Gesellschaft, St. Moritz, Switzerland. Process and apparatus for the liquefaction of gases. Re19,031; Dec. 19.
- Heylandt, Christian W. P., Lankwitz, Germany, assignor to Fluga-Aktien-Gesellschaft, St. Moritz, Switzerland. Apparatus for transferring and storing liquefied gases. 1,901,445; Mar. 14.
- Heylandt, Christian W. P., Lankwitz, Germany, assignor to Fluga-Aktien-Gesellschaft, St. Moritz, Switzerland. Conserving liquefied gases. 1,901,446; Mar. 14.
- Heylandt, Christian W. P., Lankwitz, Germany, assignor to Fluga Aktiengesellschaft, St. Moritz, Switzerland. Container for liquefied gases. 1,918,335; July 18.
- Heylandt, Christian W. P., Berlin-Britz, Germany, assignor to Fluga Aktiengesellschaft, St. Moritz, Switzerland. Apparatus for preparing pressure gases. 1,901,447; Mar. 14.
- Heylandt, Christian W. P., Berlin-Britz, Germany, assignor to Fluga Aktiengesellschaft, St. Moritz, Switzerland. Preventing the overfilling of warm evaporators for liquefied gases. 1,941,304; Dec. 26.
- Heyler, Charles J. (See Ziegler, George J., assignor.)
- Heyman, Joseph K., Chicago, Ill., and A. F. Wenzel, Michigan City, Ind., assignors to Reliance Manufacturing Company, Chicago, Ill. Men's underwear. Re18,914; Aug. 8.
- Heyman, Oscar, New York, N. Y. Brooch. 1,894,686; Jan. 17.
- Heymer, Gerd, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Printing copies from a lenticular film. 1,915,418; June 27.
- Heyn, Bruno. (See Laska, L., and Heyn.)
- Heyn, Jerome F., Omaha, Nebr. Device for raising nap on fabrics. 1,908,422; May 9.
- Heyna, Hans, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Orange to reddish-orange water insoluble azo dyestuffs. 1,914,427; June 20.
- Heyne, William O., Ilford, and P. J. Packman, Seven Kings, assignors to The Plessey Company Limited, Ilford, Essex, England. Electrical condenser. 1,906,857; May 2.
- Heyroth, Albert H., assignor to The Globar Corporation, Niagara Falls, N. Y. Electrical connection for non-metallic resistors. 1,897,004; Feb. 7.
- Heyroth, Albert H., assignor to Globar Corporation, Niagara Falls, N. Y. Impregnated silicon carbide article and the manufacture thereof. 1,906,963; May 2.
- Heys, George H., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for treating heels. 1,928,689; Oct. 8.
- Heywood, Rushie F., Fulton, Ky. Combination cigarette holder and ash tray. 1,902,028; Mar. 21.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Apparatus for drying paper cups. 1,934,540; Nov. 7.
- Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
- Heywood-Wakefield Company. (See Steele, C. W., and Levine, assignors.)
- Heywood-Wakefield Company. (See Stinson, George, assignor.)
- Heywood-Wakefield Company. (See Stinson, G., and Fred, assignors.)
- Hiatt, Enos B., Denver, Colo., assignor to Ovenda Corporation, Chicago, Ill. Basket turner. 1,916,838; July 4.
- Hiatt, Enos B., assignor to The Carpenter-Hiatt Sales Company, Denver, Colo. Basket liner. 1,929,065; Oct. 3.
- Hibbard, Frank H., Mountain Lakes, N. J., assignor to Electrical Research Products, Inc., New York, N. Y. Vibration absorbing mounting. 1,912,451; June 6.
- Hibbard, Lloyd J. (See Cowin, S. H., and Hibbard.)
- Hibbard, Thomas L., Birmingham, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 89,831; May 9.
- Hibbert, Harold, Montreal, Quebec, Canada. Polymerization product from divinyl ether and related compounds and producing same. 1,916,423; July 4.
- Hibbs, Mark G., Ross Township, Allegheny County, Pa. Spark amplifier for use in the ignition systems of internal combustion engines. 1,893,204; Jan. 3.
- Hibi, Katsuharu, Tokyo, Japan. Manufacturing calcium cyanamide. 1,941,172; Dec. 26.
- Hibner, De Los E., Jr., and T. M. Bruback, Du Bois, Pa. Boiler cleaner. 1,924,550; Aug. 29.
- Hibner, Ole, Cleveland, Ohio. Hair waving machine or similar device. Des. 89,834; May 9.
- Hibner, Ole, Cleveland, Ohio. Therapeutic arc lamp. 1,893,703; Jan. 10.
- Hickey, Daniel W., St. Paul, Minn. Radiator hanger. 1,906,591; May 2.
- Hickey, Daniel W., St. Paul, Minn. Pipe cutting and welding machine. 1,925,383; Sept. 5.
- Hickey, Daniel W., St. Paul, Minn. Elbow holder for welding. 1,928,892; Oct. 3.
- Hickey, Daniel W., St. Paul, Minn. Flange clamp for welding. 1,940,910; Dec. 26.
- Hickey, Henri J., Los Angeles, Calif. Internal combustion engine. 1,934,710; Nov. 14.
- Hickish, Robert S. (See Titmas, R. W., and Hickish.)
- Hickling, Ewart G., Buffalo, N. Y., assignor to The Lindt Air Products Company. Liquid oxygen apparatus. 1,939,592; Dec. 12.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Flying machine landing gear. 1,928,651; Oct. 8.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Company, Inc., Eden, N. Y. Seat. 1,929,023; Oct. 3.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Company, Inc., Eden, N. Y. Vehicle spring suspension. 1,934,670; Nov. 7.
- Hickman, Kenneth C. D. (See Weyerts, W. J., and Hickman.)
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic printing method. 1,897,844; Feb. 14.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Non-halation motion picture film. 1,900,877; Mar. 7.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic silver recovery control. 1,900,893; Mar. 7.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic processing. 1,905,467; Apr. 25.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Duplicating process. 1,917,370; July 11.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Vacuum extraction of cod-liver oil. 1,925,559; Sept. 5.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Hygrometer. 1,933,803; Nov. 7.
- Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film base and coating therefor. 1,939,171; Dec. 12.
- Hickman, Kenneth C. D., and L. A. Staib, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Light sensitive tropochromic coating. 1,897,843; Feb. 14.
- Hickman, Kenneth C. D., and W. J. Weyerts, assignors to Eastman Kodak Company, Rochester, N. Y. Bromide recovery from spent developers. 1,930,143; Oct. 10.
- Hickman, Kenneth C. D., and W. J. Weyerts, assignors to Eastman Kodak Company, Rochester, N. Y. Regeneration of photographic developers. 1,933,804; Nov. 7.

- Hickman Pneumatic Seat Company. (See Hickman, Albert F., assignor.)
- Hickok, Leon C., Grand Rapids, Mich. Dental wax. 1,933,907; Nov. 7.
- Hickok Manufacturing Company. (See Fromm, George J., assignor.)
- Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
- Hickok Manufacturing Company. (See Mix, E. S., and Johnson, assignors.)
- Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)
- Hickok, Robert D., assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Method and apparatus for testing radio receiving sets. 1,911,362; May 30.
- Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
- Hickox, Iva B., Cleveland Heights, Ohio. Print storage and display device. 1,938,831; Dec. 12.
- Hicks, Chester W., Hampton, Va. Sound amplifier. 1,900,111; Mar. 7.
- Hicks, E. A. (See Trice, L. D., and Hicks.)
- Hicks, Earl M. (See Chenoweth, Jesse W., assignor.)
- Hicks, Edgar A. (See Trice, L. D., and Hicks.)
- Hicks, Frank B. (See Coleman, S. G., and Hicks.)
- Hicks, Frederic N., assignor to Foster & Stewart Company, Norwalk, Conn. Fabric. Des. 90,194; June 27.
- Hicks, Harold A., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Airplane. 1,921,294; Aug. 8.
- Hicks, Harry E., Palmyra, assignor to Acme Staple Company, Camden, N. J. Staple setting machine. 1,908,981; May 16.
- Hicks, Harry E., Palmyra, assignor to Acme Staple Company, Camden, N. J. Staple setting machine. 1,919,944; July 25.
- Hicks, Harry E., Palmyra, assignor to Acme Staple Company, Camden, N. J. Stapling machine. 1,938,386; Dec. 5.
- Hicks, Harry H. (See Borquist, S. B., and Hicks.)
- Hicks, Harry W., Brookline, Mass. Toothbrush. 1,901,646; Mar. 14.
- Hicks, Irving C., Topeka, Kans. Draft key retainer. 1,925,923; Sept. 5.
- Hicks, Leslie A., Honolulu, Hawaii. Water tube boiler baffle. 1,926,046; Sept. 12.
- Hicks, Raymond M., Plainfield, N. J., E. R. Leroy, New York, N. Y., and F. C. Collings, Plainfield, N. J.; said Collings assignor to The Western Union Telegraph Company and said Hicks and Leroy assignors to The Tele-register Corporation, New York, N. Y. Regenerative repeater. 1,932,665; Oct. 31.
- Hicks, William W. (See Kercher, Arthur J., assignor.)
- Hicks, William W. (See Kercher, A. J., and Hicks.)
- Hicks, William W., assignor to Wesix National Company, San Francisco, Calif. Electrical heating device. 1,927,035; Sept. 19.
- Hicks, William W., assignor to Wesix National Company, San Francisco, Calif. Electric switch. 1,933,906; Nov. 21.
- Hickson, Daniel C., assignor to Electrical Research Products Inc., New York, N. Y. Sound reproduction. 1,938,697; Dec. 12.
- Hiday, John B., Fortville, assignor to Delco-Remy Corporation, Anderson, Ind. Generator cooling device. 1,921,030; Aug. 8.
- Hider, Moses. (See Dedrick, F. J., and Hider.)
- Hider Steel Ball Works. (See Dedrick, F. J., and Hider, assignors.)
- Hieber, George E. (See Hoelscher, W. G., and Hieber.)
- Hiege, Karl, Bitterfeld Germany, assignor, by mesne assignments to Magnesium Development Corporation. Magnesium-cerium alloy. 1,915,932; June 27.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Check protector. 1,901,907; Mar. 21.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Bag frame fastener. 1,901,965; Mar. 21.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Cigarette package holder. 1,907,107; May 2.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Bag fastener. 1,909,958; May 23.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 1,913,546; June 13.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 1,915,313; June 27.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 1,915,314; June 27.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Hand bag. 1,918,703; July 18.
- Hiering, William C., Millburn Township, Essex County, assignor to J. E. Mergott Company, Newark, N. J. Making channelled bag frames. 1,925,804; Sept. 5.
- Hiering, William C., Millburn Township, assignor to J. E. Mergott Company, Newark, N. J. Bag frame. 1,926,721; Sept. 12.
- Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Handbag. 1,930,935; Oct. 17.
- Hiering, William C., Millburn, assignor to J. E. Mergott Company, Newark, N. J. Bag fastener. 1,936,056; Nov. 21.
- Hiers, Ralph H., assignor to Noble & Cooley Co., Granville, Mass. Toy drum. 1,932,968; Oct. 31.
- Hiester, Theodore M., Dayton, Ohio, assignor, by mesne assignments, to Aero Supply Manufacturing Corporation, Corry, Pa. Plating barrel. 1,894,609; Jan. 17.
- Hiester, Theodore M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Baking pan. 1,906,592; May 2.
- Hiester, Theodore M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Apparatus for pressing and forming metal articles. 1,915,667; June 27.
- Hiester, Theodore M., assignor to United Aircraft Products Inc., Dayton, Ohio. Multi-compartment tray and making the same. 1,921,256; Aug. 8.
- Hiester, Theodore M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Head for forming rolled and extruded metal articles. 1,922,087; Aug. 15.
- Hiester, Theodore M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Mechanism for extruding and rolling metal. 1,922,088; Aug. 15.
- Higbee, Earl V., assignor to The Stanley Works, New Britain, Conn. Plane. 1,918,750; July 18.
- Higbee, George C., Tekoa, Wash. Motor vehicle anti-backward movement device. 1,912,771; June 6.
- Higbie, Henry H., Ann Arbor, Mich. Material for controlling illumination. 1,937,342; Nov. 28.
- Higburg, William, and P. C. Reilly; said Higburg assignor to said Reilly. Indianapolis, Ind. Treating tar and like oils. 1,901,872; Mar. 21.
- Higby, B. P., et al. (See Paulin, A. L., and Fromm.)
- Higby, Joseph W., Clarkston, Wash. Ore reduction mill. 1,911,568; May 30.
- Higby, Willard C. (See Higby, Willis O., and W. C.)
- Higby, Willis O., West Leyden, and W. C. Higby, Ithaca, N. Y. Hydraulic clutch. 1,901,241; Mar. 14.
- Higgin Manufacturing Company, The. (See Traut, Clifford, assignor.)
- Higginbotham, Luther J., Dallas, Tex. Illuminated changeable display device and producing the same. 1,899,962; Mar. 7.
- Higginbottom, Joseph J. (See Gionet, A. W., and Higginbottom.)
- Higgins, Archie C., Hopkinsville, Ky. Separating from mixtures materials of different melting points. 1,910,920; May 23.
- Higgins, Charles C., Riverside, and H. D. Van Brunt, Los Angeles, Calif., said Higgins assignor to said Van Brunt. Brake. 1,923,437; Aug. 22.
- Higgins, Charles G., London, England. Folding hood for vehicles. 1,915,313; July 4.
- Higgins, Clark F., Melrose Highlands, assignor to H. S. Ralls, Boston, Mass. Changeable exhibitor. 1,915,127; June 20.
- Higgins, Clark F., Melrose Highlands, assignor, by mesne assignments, to General Body & Hoist Company, Everett, Mass. Dumping land vehicle. 1,935,151; Nov. 14.
- Higgins, Clifford B., Detroit, Mich. Radiator core. 1,899,417; Feb. 28.
- Higgins, Clifford B., assignor to H. & H. Tube & Mfg. Co., Detroit, Mich. Radiator. 1,937,343; Nov. 28.
- Higgins, Cora E., et al., administrators. (See Higgins, Max S.)
- Higgins, Dale G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Covering material for tires and the like. 1,934,711; Nov. 14.
- Higgins, Frank H., Montclair, N. J., assignor to Sanford Mills, Sanford, Maine. Machine for uniting strips of floor covering or the like, to present a seamless upper surface. 1,924,551; Aug. 29.
- Higgins, Frederick G. (See Huston, A. C., Simonsen, Gililand, Huffman, Higgins, and Schrodeck.)
- Higgins, H. G. (See Weatherly, James F., assignor.)
- Higgins, Horace M., Omaha, Nebr. Crutch-head cap. 1,906,264; May 2.
- Higgins, Joseph E., Grand Island, Nebr. Sheet pinning machine. 1,931,195; Oct. 17.
- Higgins, Mark F. (See Moore, Matthew S., assignor.)
- Higgins, Mark F. (See Nyborg, Tage G., assignor.)
- Higgins, Martin G., Scranton, Pa. Sanitation equipment. 1,906,593; May 2.
- Higgins, Max S., deceased. Cortland, C. E. and R. P. Higgins, administrators, assignors to C. E. Higgins, Cortland, N. Y. Garment stay. 1,933,805; Nov. 7.
- Higgins, Max S., Cortland, deceased, C. E. and R. P. Higgins, administrators, assignors to C. E. Higgins, Cortland, N. Y. Garment stay. 1,933,806; Nov. 7.
- Higgins, Pattillo, San Antonio, Tex. Producing clay products. 1,912,772; June 6.
- Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Electrical apparatus. 1,937,148; Nov. 28.
- Higgins, Robert A., Jr., Lakewood, N. J. Can perforating device. 1,911,506; May 30.
- Higgins, R. Paul, et al., administrators. (See Higgins, Max S.)
- Higgins, Walter E., Waterloo, Iowa. Insect repeller. 1,921,821; Aug. 8.
- Higginson, Joseph. (See Whiteley, Wilfred, assignor.)
- Higginson, Joseph, Stockport, England. Yarn winding, doubling, and like machine. 1,939,348; Dec. 12.
- Higgitt, Harry V., assignor to Imperial and International Communications Limited, London, England. Telegraph signaling apparatus. 1,925,756; Sept. 5.
- Higgs-Walker, Gerald W. (See Davison, J. W., Higgs-Walker, and Johnson.)

- High, Carl F., Madison, Wis. Internal combustion engine. 1,901,448; Mar. 14.
- High, Carl F., Madison, Wis. Fuel pump. 1,931,543; Oct. 24.
- High, James P., Wichita, Kans. Water container. 1,913,806; June 13.
- High, Jurjen S., Oaklyn Manor, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electrical translating device. 1,902,643; Mar. 21.
- High, Jurjen S., Oaklyn Manor, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amusement device. 1,913,926; June 13.
- High, Jurjen S., Oaklyn Manor, N. J., assignor to Westinghouse Electric & Manufacturing Company. Making diaphragms. 1,924,316; Aug. 29.
- High, Jurjen S., Camden, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electrostatic loud speaker. 1,930,518; Oct. 17.
- High, Jurjen S., Oaklyn Manor, N. J., assignor to Radio Corporation of America. Sound producing device. 1,935,185; Nov. 14.
- Highberg, George A. (See Sloan, H. E., and Highberg.)
- High Speed Hammer Company. (See Meyer, Edwin F., assignor.)
- Hightstown Rug Company. (See Paige, Arthur E., assignor.)
- Hightstown Rug Company. (See West, Walter R., assignor.)
- Highway Form Company. (See Tranchell, Jacob J., assignor.)
- Highway Trailer Company. (See Allen, Edwin H., assignor.)
- Highway Trailer Company. (See Allen, E. H., and Connors, assignors.)
- High-Way Trailer Company. (See Clement, Charles G., assignor.)
- Highway Trailer Company. (See Connors, George H., assignor.)
- Highway Trailer Company. (See Connors, G. H., and Stiff, assignors.)
- Highway Trailer Company. (See Davis, Durrel H., assignor.)
- Highway Trailer Company. (See Erdahl, Nicholai M., assignor.)
- Highway Trailer Company. (See Helms, Harry W., assignor.)
- Highway Trailer Company. (See Molinare, Anthony W., assignor.)
- Highway Trailer Company. (See Williams, Leroy E., assignor.)
- Higinbotham, Arthur O., assignor of one-half to W. A. Weigle, Denver, Colo. Oxidizing means. 1,929,493; Oct. 10.
- Higley, Frank R., Cleveland Heights, assignor to The Insulated Steel Floor and Wall Company, Cleveland, Ohio. Sheathing for metal building structure. 1,899,091; Feb. 28.
- Higley, Frank R., Cleveland Heights, Ohio. Motor. 1,915,995; June 27.
- Higley, Warren L., Shawnee, Okla. Switch. 1,896,955; Feb. 7.
- Hi-Heat Gas Company Inc. (See Lindblom, Charles V., assignor.)
- Hilcken, Valentin, Gersthofen, near Augsburg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing fatty acid esters of borneol and isoborneol. 1,902,364; Mar. 21.
- Hild, Frederic W., Los Angeles, Calif. Blow-out preventer for rotary drilling. 1,906,265; May 2.
- Hild, Frederic W., Los Angeles, Calif. Equipment for blow-out preventer. 1,938,019; Dec. 5.
- Hild, Frederic W., Los Angeles, Calif. Control head and blow-out preventer. 1,938,020; Dec. 5.
- Hild, Frederic W., Los Angeles, assignor to C. B. Parker, executrix of the estate of G. D. Parker, deceased, Riverside, Calif. Pumping apparatus. 1,927,831; Sept. 26.
- Hild, Mark W. (See D'Amico, A., Hild, and Wilcox.)
- Hildebrand, Carl E., Cleveland, Ohio. Supporting device. 1,896,898; Feb. 7.
- Hildebrand, David A., assignor of one-half to John A. Rolph, Oakland, Calif. Built-in tables. 1,901,347; Mar. 14.
- Hildebrand, Emil C., Irvington, assignor to Kremenetz & Company, Newark, N. J. Fastener for wrist watch straps. 1,904,230; Apr. 18.
- Hildebrand, Henry W. Jr., assignor to Inland Paper Box Company, Denver, Colo. Nonsifting, one-piece, powder box drum. 1,896,361; Feb. 7.
- Hildebrand, James L. (See Reedy, J. J., and Hildebrand.)
- Hildebrand, Otto G., Cleveland, Ohio. Lamp bracket. Des. 91,114; Nov. 28.
- Hildebrand, Otto G., assignor of one-half to F. W. Kramme, Cleveland, Ohio. Lighting fixture. Des. 91,127; Nov. 28.
- Hildebrand, Otto G., assignor of one-half to Fred W. Kramme, Cleveland, Ohio. Portable lamp. 1,936,451; Nov. 21.
- Hildebrand, William R., Chicago, Ill. Water filter. 1,896,810; Feb. 7.
- Hildebrandt, Frank M., Baltimore, Md., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Alcoholic fermentation process and product thereof. 1,921,991; Aug. 8.
- Hildebrandt, Louis H., and J. K. Schwartz, assignors to Collins Loom Works, Inc., Amsterdam, N. Y. Adjustable stop mechanism for yarn measuring spool winders. 1,934,541; Nov. 7.
- Hildenbrand, Glenn W. (See Parks, R. D., and Hildenbrand.)
- Hildenbrand, Glenn. (See Parks, Robert D., and Hildenbrand.)
- Hilder, Stuart, Glencarlyn, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Keyboard for registers. 1,906,063; Apr. 25.
- Hile, Leslie M., Benton Harbor, Mich. Basket handle machine. 1,900,181; Mar. 7.
- Hile, Leslie M., Benton Harbor, Mich. Making a downwardly tapered container. 1,900,646; Mar. 7.
- Hile, Leslie M., Benton Harbor, Mich. Machine for making and inserting basket handles. 1,900,712; Mar. 7.
- Hile, Leslie M., Benton Harbor, Mich. Basket handle machine. 1,906,794; May 2.
- Hile, Leslie M., Benton Harbor, Mich. Machine for making and inserting basket handles. 1,906,795; May 2.
- Hile, Leslie M., Benton Harbor, Mich. Basket handle machine. 1,907,355; May 2.
- Hile, Leslie M., Benton Harbor, Mich. Stapling machine. 1,913,117; June 6.
- Hile, Leslie M., Benton Harbor, Mich. Wirebound container. 1,920,560; Aug. 1.
- Hile, Leslie M., Benton Harbor, Mich. Rectangular basket. 1,922,807; Aug. 15.
- Hile, Leslie M., Benton Harbor, Mich. Basket handle. 1,922,808; Aug. 15.
- Hile, Leslie M., Benton Harbor, Mich. Basket handle. 1,922,809; Aug. 15.
- Hileman, Bittle A., et al. (See Baker, Albert E., assignor.)
- Hiles, George H., deceased, Long Beach, Calif., L. S. Hiles, executrix. Golf bag. 1,920,308; Aug. 1.
- Hiles, Leta S., executrix. (See Hiles, George H.)
- Hilgeland, Carl, Wuppertal-Ronsdorf, Germany. Device for controlling the vertical slide on double acting bolt presses. 1,918,910; July 18.
- Hilgenberg, David, Chicago, Ill. Illuminated sign. 1,930,359; Oct. 10.
- Hilgenberg, Robert, Leipzig-Marienhöhe, Germany. Talking machine. 1,895,126; Jan. 24.
- Hilger, Adam, Limited. (See Twyman, Frank, assignor.)
- Hilger, Josef. (See Heinrich, W., and Hilger.)
- Hilger, Josef. (See Taube, C., and Hilger.)
- Hilger, Josef, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Isocyanates. 1,916,314; July 4.
- Hilger, Joseph. (See Heinrich, W., Hilger, and Knoche.)
- Hilgerink, Frank M., Chicago, Ill. Cleaning apparatus. 1,927,495; Sept. 19.
- Hilgerink, Frank M., Chicago, Ill. Cleaning process. 1,927,496; Sept. 19.
- Hilgers, Franz, Rodenkirchen, Germany. Pipe-bending machine. 1,919,839; July 25.
- Hilgers, Gerrit. (See van der Schans, M., and Hilgers.)
- Hilgers, Nino, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 1,897,845; Feb. 14.
- Hilgers, Wilhelm, Dusseldorf, Germany. Machine for grading eggs. 1,908,843; May 16.
- Hilkey, Warner S., St. Louis, Mo. Valve. 1,938,425; Dec. 5.
- Hill, Aaron, Los Angeles, Calif. Signaling system and means. 1,908,424; May 9.
- Hill, Audrey, Milwaukee, Wis. Producing a fertilizer composition. 1,939,850; Dec. 19.
- Hill, C. V. & Co. (See Schrader, Thomas O., assignor.)
- Hill, C. V. & Co. (See Stollsteimer, Frederick J., assignor.)
- Hill, Charles H. (See Paxton, R., and Hill.)
- Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Interlocking system. 1,905,710; Apr. 25.
- Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Primary disconnecting device. 1,936,469; Nov. 21.
- Hill, Charles H., Drexel Hill, and N. Swerdlow, Philadelphia, Pa., assignors to General Electric Company. Bus bar structure. 1,902,501; Mar. 21.
- Hill, Charles K., Cleveland, Ohio. Apparatus for twisting wire. 1,934,122; Nov. 7.
- Hill, Chester A., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing soles. 1,921,083; Aug. 8.
- Hill, Clarence R., Muskegon, Mich. Door operating device. 1,896,818; Feb. 7.
- Hill, David B., Salem, Oreg. Dental rack and timer. 1,923,978; Aug. 22.
- Hill, Dewey H., assignor to Globe American Corporation, Kokomo, Ind. Roost-preventer for poultry fountains or feeders. 1,917,371; July 11.
- Hill, Dewey H., assignor to Globe American Corporation, Kokomo, Ind. Float controlled drinking fountain. 1,928,103; Sept. 26.
- Hill Diesel Engine Company. (See Hill, Harry D., assignor.)
- Hill, Earl V., Chicago, Ill. Thermal unit system. 1,909,466; May 16.
- Hill, Earl Vernon, Chicago, Ill., assignor to E. Vernon Hill Company. Psychrometer. 1,900,813; Mar. 7.

- Hill, Edward, East Orange, N. J. Tool for removing and replacing springs. 1,938,102; Dec. 5.
- Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch operating mechanism for motor vehicles. 1,893,471; Jan. 3.
- Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch operating device for motor vehicles. 1,905,984; Apr. 25.
- Hill, Edward G., Chicago, Ill., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control device for motor vehicles. 1,934,671; Nov. 7.
- Hill, Edward P., Savannah, Ga. Valve. 1,936,236; Nov. 21.
- Hill, Elmer E., et al. (See Hadley, C. S., and Fischer, assignors.)
- Hill Engineering Corporation. (See Hill, Edward G., assignor.)
- Hill, Fowler, Brooklyn, N. Y. Electric circuit. 1,939,009; Dec. 12.
- Hill, Francis S., Denver, Colo. Dandelion digger. 1,939,897; Dec. 19.
- Hill, Frank B. (See Dickie, W. A., and Hill.)
- Hill, Frank F., assignor to Union Oil Company of California, Los Angeles, Calif. Apparatus for the straight drilling of wells. 1,894,039; Jan. 10.
- Hill, Frank F., and A. C. Rubel, assignors to Union Oil Company of California, Los Angeles, Calif. Storage of petroleum in natural underground reservoirs. 1,921,358; Aug. 8.
- Hill, Frank L., Orlando, Fla. Imitating onyx, marble, or the like on glass. 1,947,787; Aug. 29.
- Hill, George H., Jacksonville, Fla. Time clock. 1,910,796; May 23.
- Hill, Gerrit D., assignor to Sargent & Greenleaf, Inc., Rochester, N. Y. Multiple key lock. 1,917,302; July 11.
- Hill, Gerrit D., and A. C. Brown, 3d, assignors to Sargent & Greenleaf, Inc., Rochester, N. Y. Forming sockets. 1,939,553; Dec. 12.
- Hill, Guy A., Wichita, Kans. Visible lubricant-dispensing means. 1,925,248; Sept. 5.
- Hill, Harry, Belvedere, Kent, assignor to Callender's Cable and Construction Company Limited, London, England. Stranding machine. 1,896,084; Feb. 7.
- Hill, Harry, Belvedere, assignor to Callender's Cable and Construction Company Limited, London, England. Production of impregnated paper and the like. 1,899,683; Feb. 28.
- Hill, Harry, assignor to Northwestern Barb Wire Company, Sterling, Ill. Reenforced member. 1,929,066; Oct. 3.
- Hill, Harry, assignor to Callender's Cable and Construction Company Limited, London, England. Electric cable. 1,939,264; Dec. 12.
- Hill, Harry D., assignor to Hill Diesel Engine Company, Lansing, Mich. Fuel-injection pump for internal-combustion engines of the Diesel type. 1,926,743; Sept. 12.
- Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Blocking ophthalmic lenses. 1,919,015; Dec. 5.
- Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,907,810; May 9.
- Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Blocking ophthalmic lenses. 1,911,153; May 23.
- Hill, Harry W., and E. D. Tillyer, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,911,154; May 23.
- Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Abrading. 1,937,459; Nov. 28.
- Hill Independent Manufacturing Company. (See Rantsch, Edward J., assignor.)
- Hill, Irving, assignor, by mesne assignments, to Lawrence Paper Company, Lawrence, Kans. Container for storing perishable merchandise. 1,906,964; May 2.
- Hill, James. (See Baddiley, J., and Hill.)
- Hill, James G., et al. (See Bert Odatto, George, assignor.)
- Hill, Jeanette, New York, N. Y. Radiofigure. 1,927,453; Sept. 19.
- Hill, John E., Winchester, Mass. Kitchen implement. 1,931,697; Oct. 24.
- Hill, Julian W. (See Carothers, W. H., Hill, and Van Natta.)
- Hill, Leland H., Wautosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tap changing transformer. 1,934,228; Nov. 7.
- Hill, Matthew E., assignor to The Holfast Rubber Company, Atlanta, Ga. Belt fitter. 1,904,048; Apr. 18.
- Hill, Maxwell, H., assignor to Gleason Works, Rochester, N. Y. Machine for cutting gears and chamfering attachment therefor. 1,932,781; Oct. 31.
- Hill, Netter J. (See Hunt, C. L., and Hill.)
- Hill, Raymond A., Los Angeles, Calif. Hydraulic sand extractor. 1,919,653; July 25.
- Hill, Robert J., Cranston, R. I., assignor to Eagle Pencil Company, New York, N. Y. Pencil clip or similar article. Des. 89,830; May 9.
- Hill, Roger B. (See Richter, G. A., Van Arsdel, and Hill.)
- Hill, Roger B., et al. (See Richter, G. A., Van Arsdel, and Hill.)
- Hill, Roger B., assignor to Brown Company, Berlin, N. H. Artificial leather manufacture. 1,923,622; Aug. 22.
- Hill, Rowland F. (See Archer, M. T., Hill.)
- Hill, Thomas, Detroit, Mich. Storage battery terminal. 1,916,728; July 4.
- Hill, Thomas, assignor to D. H. Gilchrist, Detroit, Mich. Mop. 1,933,262; Oct. 31.
- Hill, Truman, and E. H. Zimmerman, Perry, Ill. Jack. 1,917,585; July 11.
- Hill, Walter M., Hudson, assignor to J. D. Canary, Littleton, Colo. Pulverizer. 1,911,193; May 30.
- Hill, William H. (See Hawley, Bert F., assignor.)
- Hill, William H. (See Rose, H. J., and Hill.)
- Hillman, Aphel O., Wentworth, S. Dak. Saw attachment for tractors. 1,920,696; Aug. 1.
- Hillard, Henry G., assignor of fifty-one one-hundredths to I. H. Bowman, trustee, and one-fifth to I. H. Bowman, Regina, Saskatchewan, Canada. Paper fabric. Des. 90,075; June 6.
- Hillas, Samuel D., Melbourne, Victoria, and J. W. Kidd, Moonee Ponds, Victoria, Australia. Harvesting machine. 1,930,647; Oct. 17.
- Hilddring, Carl F. (See Durant, K. J., and Hilddring.)
- Hille, Frederick, Los Angeles, Calif. Garment hanger. 1,922,161; Aug. 15.
- Hille, Hans A., Des Moines, Iowa. Brake equalizing system. 1,923,538; Aug. 22.
- Hillebrand, Hermann, Berlin, Germany. Continuous water gas generation. 1,913,237; June 6.
- Hillebrand, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Capacitance coupling circuits. 1,914,428; June 20.
- Hillegas, Harry J., et al. (See Buttress, George A., assignor.)
- Hiller, Nicolai H., Carbondale, Pa. Liquid heater. 1,897,758; Feb. 14.
- Hiller, Paul W., Wilmington, Calif. Refrigerating fish at sea. 1,912,896; June 6.
- Hiller, Stanley, Berkeley, and J. J. Coney, Alameda, Calif. Deep sea fishing. 1,923,090; Aug. 22.
- Hillierich, John A., Louisville, Ky. Securing golf club heads to shafts. 1,940,163; Dec. 19.
- Hillierich & Bradshy Co. (See Beck, Charles R. and G. L., assignors.)
- Hillery-Collings, Charles E., assignor, by mesne assignments, to Camera-Projectors Limited, London, England. Focusing means for photographic cameras and projectors. 1,919,513; July 25.
- Hillery-Collings, Charles E., London, assignor to Cam Syndicate Limited, London, England. Cinematographic projector. 1,928,427; Sept. 26.
- Hillgren, Carl. (See Hillgren, James and C.)
- Hillgren, James, and C. Hillgren, San Diego, Calif., assignor to J. C. Manufacturing Co. Doorlock. 1,916,266; July 4.
- Hilliard, Clarence, Port Henry, N. Y. Pin removing tool. 1,898,959; Feb. 21.
- Hilliard, H. W., Co. (See Fuller, Clarence N., assignor.)
- Hilliard, H. W., Co. Inc. (See Cherry, L. A., Fuller, and Lane, assignors.)
- Hilliard, John D., Glens Falls, N. Y., assignor to General Electric Company. Circuit interrupting apparatus. 1,904,463; Apr. 18.
- Hilliard, John D., Glens Falls, N. Y., assignor to General Electric Company. Indicating system. 1,935,446; Nov. 14.
- Hilliard, John D., Schenectady, N. Y., assignor to General Electric Company. Fluid insulated conductor. 1,918,036; July 11.
- Hilliard, Thomas W. M., assignor, by mesne assignments, to Connecticut Telephone & Electric Corporation, Meriden, Conn. Signal light. 1,907,295; May 2.
- Hilliburton, Eric P. (See Hollingsworth, Homer J., assignor.)
- Hillier, Gerald O., Berkeley, assignor to Oliver United Filters Inc., San Francisco, Calif. Filter and method of operation. 1,914,742; June 20.
- Hillier, Harold, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Liquid level regulator. 1,919,109; July 18.
- Hillier, Harold J., and R. G. Hillier, Toronto, Ontario, Canada. Warm air furnace. 1,893,240; Jan. 3.
- Hillier, Ronald G. (See Hillier, Harold J. and R. G.)
- Hillis, David R., assignor of one-half to H. Halvor Burrows, Detroit, Mich. Measuring device. 1,909,678; May 16.
- Hillix, Foster F. (See Wells, M. R., and Hillix.)
- Hillman, Albert G., assignor to Colourgravure Limited, London, England. Optical systems for cameras for photography or cinematography, particularly in color. 1,919,020; July 18.
- Hillman, Albert G., assignor to Colourgravure Limited, London, England. Cameras. 1,919,021; July 18.
- Hillman, Albert G., assignor to Colourgravure Limited, London, England. Optical system for cameras for photography or cinematography, particularly in color. 1,919,022; July 18.
- Hillman, Harry E. (See Austin, Frank E., assignor.)
- Hillner, Rudolph, Schenectady, N. Y., assignor to General Electric Company. Inserted tooth cutter. 1,934,465; Nov. 7.
- Hills Brothers Company, The. (See Curtiss, Nathan A., assignor.)
- Hills, Horace G., Stockport, England. Electrolytic production of white lead. 1,925,322; Sept. 5.
- Hills, Horace G., Stockport, England. Electrolytic production of white lead. 1,932,160; Oct. 24.

- Hills, John H., Grand Rapids, Mich., assignor to Bousman Mfg. Co. Vacuum still. 1,913,882; June 13.
- Hills-McCanna Company. (See Buenger, Clarence O., assignor.)
- Hills-McCanna Company. (See Noyes, Albert H., assignor.)
- Hills, William M., Hartford, Conn. Water heater. 1,902,865; Mar. 21.
- Hillstrom, Harry E., et al. (See Brewer, Clarence T., assignor.)
- Hillyard, Newton S., St. Joseph, Mo. Mop. 1,897,726; Feb. 14.
- Hillyard, Newton S., St. Joseph, Mo. Key container. 1,906,858; May 2.
- Hillyard, Newton S., St. Joseph, Mo. Liquid dispenser. 1,939,980; Dec. 19.
- Hillyard, Newton S., St. Joseph, Mo. Liquid dispenser. 1,939,981; Dec. 19.
- Hilmer, Hans. (See Streitwolf, K., Fehrlé, and Hilmer.)
- Hilmer, Hans. (See Streitwolf, K., Fehrlé, Hilmer, and Schmidt.)
- Hilpert, Willis S., Winnetka, and E. S. Stoddard, Berwyn, assignors to The Conover Company, Chicago, Ill. Dish-washing machine. 1,902,237; Mar. 21.
- Hilpman, John P., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,907,108; May 2.
- Hilscher, Curt, and A. Loimann, Chemnitz, Germany. Knock-over bit apparatus. 1,894,588; Jan. 17.
- Hilsinger, Arthur R., Maplewood, N. J. Nose-guard pad for eyeglasses. 1,930,556; Oct. 17.
- Hilstrom, Roland, Chicago, Ill. Runner attachment for vehicles. 1,907,321; May 2.
- Hilt, Jacob, Hartford, Wis. Metallic ventilated cap for smoke stacks. 1,930,050; Oct. 10.
- Hilton, John, Dublin, Irish Free State. Pillow or cushion. 1,893,170; Jan. 3.
- Hilton, Mary. (See Hilton, Robert W., assignor.)
- Hilton, Robert W., assignor to M. Hilton, Bradford, Pa. Charcoal car. 1,935,293; Nov. 14.
- Himan, Oscar E., Des Moines, Iowa. Grass clippers or lawn trimmer. 1,915,856; June 27.
- Himberger, Earl W., assignor to Pacific Marine Supply Company, Seattle, Wash. Portable power pump. 1,897,256; Feb. 14.
- Himberger, Earl W., assignor to Pacific Marine Supply Company, Seattle, Wash. Compact portable power pump. 1,922,437; Aug. 15.
- Hime, Eugenio, Rio de Janeiro, Brazil. Method of stroboscopically observing rotating bodies and apparatus therefor. 1,911,363; May 30.
- Himes, Walter H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator car. 1,907,967; May 9.
- Himle, T. E. (See Ayilla, Philip, assignor.)
- Himmel Brothers Company, The. (See Himmel, F. and I., assignors.)
- Himmel Brothers Company, The. (See Himmel, Fred and I., assignors.)
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store-front construction. 1,918,753; Feb. 28.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store-front construction. 1,897,475; Feb. 14.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Cushioning for mounting sheets of glass. 1,897,476; Feb. 14.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store-front construction. 1,899,035; Feb. 28.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store front construction. 1,901,369; Mar. 14.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store-front construction. 1,910,249; May 23.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Supporting-block for store-front construction. 1,911,620; May 30.
- Himmel, Fred and I., assignors to The Himmel Brothers Company, New Haven, Conn. Store-front construction. 1,931,290; Oct. 17.
- Himmel, Isidore. (See Himmel, Fred and I.)
- Himmelberger, William H., assignor, by mesne assignments, to H. E. Moore, Lansing, Mich. Lawn roller. 1,924,644; Aug. 29.
- Himoff, Hyman H., New York, N. Y. Cutting machine. 1,940,493; Dec. 19.
- Hinchey, William D., New York, N. Y. Razor blade holder. 1,918,704; July 18.
- Hinchley, John W. (See Thompson, J. W., and Hinchley.)
- Hinchliffe, Alfred W., Buffalo, assignor to Alfred R. Page, New York, N. Y. System for feeding vinegar generators or the like. 1,909,861; May 16.
- Hinchliffe, Alfred W., assignor to Buffalo Foundry and Machine Co., Buffalo, N. Y. Vinegar generator. 1,934,712; Nov. 14.
- Hinckelmann, Werner, Philadelphia, Pa. Adjustable arc. 1,900,500; Mar. 7.
- Hinckley, Arthur T., Niagara Falls, N. Y. Container. 1,931,132; Oct. 17.
- Hinckley, Chester E., and R. Green, Yale, Okla., assignors to Magnolia Petroleum Company, Dallas, Tex. Tool. 1,918,268; July 18.
- Hinckley, Edward B., Philadelphia, Pa. Game. 1,911,569; May 30.
- Hinckley, Marcus C., Trumbull, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Radiocabinet. Des. 89,849; May 9.
- Hinde and Dauch Paper Company, The. (See Ellsworth, Charles K., assignor.)
- Hinde & Dauch Paper Company, The. (See Gagen, Thomas H., assignor.)
- Hinde & Dauch Paper Company, The. (See Jones, Albert E., assignor.)
- Hinderer, Eugen, Hamborn, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Separating adhering rolled metal sheets. 1,923,264; Aug. 22.
- Hinderliter, Frank J., Tulsa, Okla. Casing support and packing head. 1,899,273; Feb. 28.
- Hinderliter, Frank J., Tulsa, Okla. Well spudding attachment for use with rotary rigs. 1,912,478; June 6.
- Hinderliter, Frank J., Tulsa, Okla. Casing head with blowout preventer. 1,918,810; July 18.
- Hinderliter, Frank J., Tulsa, Okla. Tool joint for rotary drills. 1,938,255; Dec. 5.
- Hindes, Barrett G., assignor to San Francisco Bridge Company, San Francisco, Calif. Dredge. 1,913,670; June 13.
- Hindes, Howard W., assignor to The Washburn Company, Worcester, Mass. Handle. Des. 90,251; July 4.
- Hinds, John F., Corvallis, Oreg. Electric iron control. 1,929,312; Oct. 3.
- Hinds, Orville Q., Chicago, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Road grader. 1,913,583; June 13.
- Hinds, Sydney G., Houston, Tex. Semiautomatic remote control for auto doors. 1,896,311; Feb. 7.
- Hineline, Edson S. (See Petit, W. H., and Hineline.)
- Hiner, Ora W., Butler, Ind. Nose tong for livestock. 1,934,801; Nov. 14.
- Hines, Claude M., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,900,713; Mar. 7.
- Hines, Claude M., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,909,057; May 16.
- Hines, Edward, Western Pine Co. (See Pettibone, Charles J., assignor.)
- Hines, John, Astoria, assignor to Segal Lock & Hardware Co. Inc., New York, N. Y. Lock. 1,896,622; Feb. 7.
- Hines, John, Astoria, assignor to Segal Lock & Hardware Co. Inc., New York, N. Y. Lock. 1,922,043; Aug. 15.
- Hines, John, Barnes, London, assignor to Braithwaite & Co. Engineers Limited, London, England. Manufacture of roads, yards, aerodromes, and like surfaces and means therefor. 1,921,822; Aug. 8.
- Hines, John J., Pawtucket, R. I. Hose coupling. 1,927,314; Sept. 19.
- Hines, Kenneth J., Falls Church, Va. Lunch stand. Des. 90,285; July 11.
- Hines, Raymond L., and J. A. and P. L. Blum, assignors to Wisconsin Butter Tub Co., Marshfield, Wis. Butter tub setting-up machine. 1,908,353; May 9.
- Hines, Samuel J., Alexandria, La. Lawn mower attachment. 1,911,278; May 30.
- Hines, William W., New York, N. Y. Bandage for the eyes. 1,917,117; July 4.
- Hingst, George. (See Hagedorn, M., and Hingst.)
- Hingston, Philip, Everett, Wash. Assembled crate. 1,895,624; Jan. 31.
- Hinkel, Emma, Hayward, Wis. Article holder. 1,928,491; Sept. 26.
- Hinkle Company, Inc. (See Hinkle, Jonathan G. E., assignor.)
- Hinkle, Jonathan G. E., Bethany, assignor to Hinkle Company, Inc., Kansas City, Mo. Anæsthetic apparatus. 1,897,378; Feb. 14.
- Hinkle, Raymond, York, Pa. Mixing and sifting machine for dry powdered material. 1,937,385; Nov. 28.
- Hinlein, Milton J., Philadelphia, Pa. Veil. 1,902,957; Mar. 28.
- Hinman, Frank L., Philadelphia, Pa. Air brake system. 1,909,403; May 16.
- Hinman, George L. (See Greist, H. M., and Hinman.)
- Hinneken, Florent, Paterson, N. J. Apparatus for treating fabrics. 1,932,105; Oct. 24.
- Hinrichs, Carl G., St. Louis, Mo. Treating emulsions. 1,901,163; Mar. 14.
- Hinrichs, Ernest H., Baltimore, Md. Dental casting machine. 1,915,887; June 27.
- Hinrichsen, Edward E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,905,711; Apr. 25.
- Hinrichsen, Edward E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,921,409; Aug. 8.
- Hinsch, Johannes. (See Siemen, O., and Hinsch.)
- Hinsch, Louis L., Sidney, assignor, by mesne assignments, to The Reliance Electric and Engineering Company, Cleveland, Ohio. Return smoke eliminator for domestic stokers. 1,925,249; Sept. 5.
- Hinsch, Walter H., assignor to Locomotive Firebox Company, Chicago, Ill. Thermic siphon and making the same. 1,898,052; Feb. 21.
- Hinsch, Walter H., assignor to Locomotive Firebox Company, Chicago, Ill. Spark arrester. 1,916,762; July 4.

- Hinsch, Walter H., and J. Baker, assignors to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,923,374; Aug. 22.
- Hinsdale, Winfield E., assignor to The Trenton Potteries Co., Trenton, N. J. Water closet. 1,939,118; Dec. 12.
- Hinsbaw, Foster A. (See Och, H. G., and Hinsbaw.)
- Hinson, Walter W., Kansas City, Mo. Cleaning pan. 1,938,254; Dec. 5.
- Hinton, Charles E., Snohomish, Wash. Hoe and weed cutter. 1,940,169; Dec. 19.
- Hinton, George W., Neenah, assignor to Menasha Wooden Ware Corporation, Menasha, Wis. Container. 1,930,680; Oct. 17.
- Hinton, Leslie T., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Radio signaling system. 1,907,109; May 2.
- Hinton, Norman P., London, England. Wireless receiving circuit. 1,941,305; Dec. 26.
- Hinton, Warner D. (See Pulliam, John W., assignor.)
- Hinton, William E. (See Richards, H. J., and Hinton.)
- Hintches, Karl. (See Schweizer, Franz, assignor.)
- Hintze, Harry, Paterson, N. J. Weighting of natural and artificial silk fibers. 1,902,777; Mar. 21.
- Hintze, Harry, Paterson, N. J. Weighting of natural and artificial silk fibers. 1,902,778; Mar. 21.
- Hintz, Henry E., and G. P. Kline, assignors to Williams, White & Co., Moline, Ill. Spacing machine. 1,918,600; July 18.
- Hinz, Walter, East Cleveland, assignor to The Ferro Machine & Foundry Company, Cleveland, Ohio. Valve. 1,903,426; Apr. 11.
- Hinz, William H., Oak Park, Ill. Water cooler for refrigerators. 1,934,427; Nov. 7.
- Hinze Ambrosia, Inc. (See Miller, Felix B., assignor.)
- Hipke, Kurt, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Protecting film roll from the entry of light. 1,897,429; Feb. 14.
- Hipkins, Otho F., Port Deposit, Md. Traction device. 1,920,506; Aug. 1.
- Hipp, Richard, Jr., Pomaria, S. C. Tank light apparatus. 1,926,945; Sept. 12.
- Hippenmeyer, Irving R., Waukesha, Wis., assignor to The Creamery Package Mfg. Company, Chicago, Ill. Can washing machine. 1,902,238; Mar. 21.
- Hippey, Edwin S., Williamsport, Pa. Tool for rail joints. 1,910,833; May 23.
- Hipple, James L., Canton, Ill., assignor to International Harvester Company. Ground marker. 1,932,107; Oct. 24.
- Hippold, Henry, New York, N. Y. Device for preventing theft of automobiles. 1,923,310; Aug. 22.
- Hippold, Henry A., and M. G. Gottlieb, New York, N. Y. Theft-preventing device. 1,909,959; May 23.
- Hippolitus, Paul D. (See Cortigiano, Louis M., assignor.)
- Hipwell, Harry H. (See Hipwell, Harry T., and H. H.)
- Hipwell, Harry T. and H. H., Pittsburgh, Pa. Flash-lamp. 1,900,931; Mar. 14.
- Hirakawa, Masanori, Ebura-Gun, Tokyo, Prefecture, Japan. Door hinge. 1,927,778; Sept. 19.
- Hirose, Jun, Tokyo-Fu, and N. Ishimizu, Kanda-Ku, Japan, assignors to Kito Hirose, Tokyo-Fu, Japan. Folding stool-ladder. 1,894,489; Jan. 17.
- Hirose, Kito. (See Hirose, J., and Ishimizu, assignors.)
- Hirose, Takazumi, and T. Kitaoka, Guadalupe, Calif. Screen. 1,909,467; May 16.
- Hirsch, Henry, Jersey City, N. J. Laundry appliance. 1,926,946; Sept. 12.
- Hirsch, Homer C. (See Shimmin, J. T., and Hirsch.)
- Hirsch, Jacob, Erie, Pa. Foldable rack. 1,894,176; Jan. 10.
- Hirsch, Jacob H., assignor to Automatic Burner Corporation, Chicago, Ill. Pipe-closure device. 1,893,993; Jan. 10.
- Hirsch, John B., Zanesville, Ohio. Noiseless shackle. 1,908,755; May 16.
- Hirsch, Lee, New York, N. Y. Finger ring. 1,925,250; Sept. 5.
- Hirsch, Louis, Textile Machines, Inc., et al. (See Friedmann, A., and Rudelt, assignors.)
- Hirsch, Nathan. (See Donovan, Frank J., assignor.)
- Hirsch, Rudolph, North Bergen, N. J. Cigar and cigarette holder. 1,907,338; May 2.
- Hirschberg, Charles A., Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable percussive tool rig. 1,932,106; Oct. 24.
- Hirschfeld, John C., et al. (See Holsenbeck, William D., assignor.)
- Hirschfeld, Julius J., et al. (See Holsenbeck, William D., assignor.)
- Hirschfeld, Louis E., Passaic, N. J. Convertible seat for vehicles. 1,928,177; Sept. 26.
- Hirschhorn, Harold L., New York, N. Y., assignor to Standard Steel Sections, Inc. Road rail form. 1,916,796; July 4.
- Hirschl, Isidor. (See Schwarzkopf, P., and Hirschl.)
- Hirschler, Horace L. (See Hawkins, C. A., Hirschler, and Lothrop.)
- Hirschler, Horace L., San Francisco, Calif., assignor to Bendix Brake Company, Chicago, Ill. Brake operating mechanism. Re18,723; Jan. 31.
- Hirschler, Horace L., assignor to J. B. Strauss, San Francisco, Calif. Hydropneumatic suspension system. 1,934,764; Nov. 14.
- Hirschman, Arthur, assignor to Auto Safety Brake, Inc., Detroit, Mich. Brake release attachment for motor vehicles. 1,915,996; June 27.
- Hirschman, William F., Buffalo, N. Y. Ventilator. 1,929,688; Oct. 10.
- Hirschman, William F., Buffalo, N. Y. Ventilating and heating apparatus. 1,936,875; Nov. 28.
- Hirsh, Edgar M., and J. H. D'Aniele, Silver Spring, Md. Apparatus for transmitting power. 1,893,413; Jan. 3.
- Hirsh, Fred, New York, N. Y., assignor to Adjuta Company. Belt or similar article. Des. 90,767; Sept. 26.
- Hirshfeld, Clarence F., Detroit, Mich. Electric cable and operating the same. 1,923,147; Aug. 22.
- Hirshfeld, Jerome, assignor to Elevator Corporation, New York, N. Y. Conveyor. 1,913,388; June 13.
- Hirshman, Joseph, Brooklyn, N. Y. Covered container. 1,893,743; Jan. 10.
- Hirst, Arnold. (See Hirst, R. R. and A.)
- Hirst, Rowland R. and A., Halifax, England. Land anchor. 1,926,284; Sept. 12.
- Hirst, Samuel L., Beeville, Tex. Sand and scale trap. 1,933,014; Oct. 31.
- Hirt, Harriet N., executrix. (See Hirt, Jules H.)
- Hirt, Jules H., deceased, El Paso, Tex.; H. M. Hirt, executrix, assignor to L. J. Hirt, New York, N. Y. Removing foul smelling and sulphur compounds. 1,910,288; May 23.
- Hirt, L. J. (See Hirt, Jules H., assignor.)
- Hirvonen, Eric J. (See Bishop, B. S. T., and Hirvonen.)
- Hirvonen, Eric J., Worcester, Mass. Valve casing. Des. 89,443; Mar. 14.
- Hirvonen, Eric J., Worcester, Mass., assignor to Leland-Gifford Company. Hydraulic feed system for machine tools. 1,905,094; Apr. 25.
- Hirvonen, Eric J., Worcester, Mass., assignor to Leland-Gifford Company. Indexing device. 1,923,204; Aug. 22.
- Hirvonen, Erik. (See Tuttle, W. W., and Hirvonen.)
- Hirvonen, Erik J., Worcester, Mass., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,923,203; Aug. 22.
- Hirzel, Alfred S., Wilmington, Del. Bituminous pavement. 1,940,417; Dec. 19.
- Hisamatsu, Hidesaburo. (See Umegaki, S., and Hisamatsu.)
- Hiser, Charles H., assignor to The Springfield Metallic Casket Company, Springfield, Ohio. Grave vault. Des. 90,076; June 6.
- Hisey-Wolf Machine Company, The. (See Ritz, Emil, assignor.)
- Hislop, Charles A., Seamill, West Kilbride, Scotland, assignor to Imperial Chemical Industries, Limited. Shot gun cartridge. 1,917,118; July 4.
- Hitch, Arthur R., Brunswick, Ga., assignor, by mesne assignments, to Gillican-Chipley Company. Producing high grade rosin. 1,904,464; Apr. 18.
- Hitch, Arthur R., and I. A. Ebaugh, Brunswick, Ga., assignors, by mesne assignments, to Gillican-Chipley Company. Recovering rosin from collected crude matter. 1,899,388; Feb. 28.
- Hitch, Arthur R., and I. A. Ebaugh, Brunswick, Ga., assignors, by mesne assignments, to Gillican-Chipley Company. Preparing a high grade rosin. 1,899,389; Feb. 28.
- Hitch, Emmet F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediate for azo dyes. 1,909,960; May 23.
- Hitch, Emmet F., and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 1,893,283; Jan. 3.
- Hitch, Emmet F., and M. A. Dahlen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 1,893,284; Jan. 3.
- Hitch, Emmet F., and C. K. Black, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of 1:5 from 1:8 amino-naphthalene monosulphonic acids. 1,912,639; June 6.
- Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass grinding machine. 1,898,012; Feb. 21.
- Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Roll for molten glass and cooling the same. 1,900,556; Mar. 7.
- Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Moving picture screen and making it. 1,934,802; Nov. 14.
- Hitchcock, Helen S., New York, N. Y. Time reminding device. 1,940,453; Dec. 19.
- Hitchcock, Nelson, Nashville, Tenn. Work payment calculator. 1,914,856; June 20.
- Hitchcock, Rex B. (See Lindgren, A. C., Raney, and Hitchcock.)
- Hitchcock, Rex B., Chicago, Ill., assignor to International Harvester Company. Flexible drive shaft. 1,911,507; May 30.
- Hitchcock, Rex B., Croix-Wasquehal, France, assignor to International Harvester Company. Corn picker. 1,936,760; Nov. 28.
- Hitchcock, Wallace H., et al. (See Freeman, Samuel, assignor.)
- Hitner, Harry F., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for melting glass by electricity. 1,906,594; May 2.

- Hitner, Harry F., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Preparing articles for plating. 1,909,149; May 16.
- Hitt, Samuel E., Elyria, Ohio. Three-hulled aeroship. 1,917,446; July 11.
- Hitz, Adam. (See Conger, J. D., and Hitz.)
- Hitz, Henry E., Nashota, Wis., assignor of one-half to Elizabeth A. Conover, Easton, Pa. Antiglare device. 1,931,438; Oct. 17.
- Hitzfeldt, Henry J. (See Sheriff, S., and Hitzfeldt.)
- Hitzler, Joseph, Frankfurt-on-the-Main, and F. C. J. Merz, Frankfurt-on-the-Main-Rodelheim, Germany. Device for shrinking leather. 1,904,787; Apr. 18.
- Hi-Voltage Equipment Company. (See Hart, Lester C., assignor.)
- Hi-Way Service Corporation. (See Kerber, J. H., and Drott, assignors.)
- Hixley Electric Company. (See Hooley, John W., assignor.)
- Hixon, Alfred J., Braintree, assignor to Fire Alarm Signal Company, South Boston, Mass. Screen or shade operating means. 1,896,623; Feb. 7.
- Hlzsny, Leopoldine, Ithaca, N. Y., and R. Amann, Brookline, Mass. Cooking utensil. 1,905,227; Apr. 25.
- Hjelm, Arthur C., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Rotary wire drawing die. 1,933,433; Oct. 31.
- Hjermstad, Selmer L., Wallace, S. Dak. Gear shift lever. 1,908,423; May 9.
- Hladky, Donald F., and J. F. Hladky, jr., Cedar Rapids, Iowa. Vending machine casing. Des. 89,111; Jan. 24.
- Hladky, Joseph F., jr. (See Hladky, Donald F. and J. F.)
- Hlatky, Alexander J., Chicago, Ill. Condenser. 1,913,547; June 13.
- Hlava, Alois, Pilsen, Czechoslovakia. Riveting machine. 1,895,883; Jan. 31.
- Hlava, Alois, Pilsen, assignor to Limited Company, formerly Shoda Works, Pilsen, Prague, Czechoslovakia. Riveting apparatus. 1,906,595; May 2.
- Hlavaty, Charles F. (See Wirz, Herman, jr., assignor.)
- Hlavaty, Charles F. (See Wirz, H., jr., and Hlavaty.)
- Hoag, Eugene A., Pacific Grove, Calif. Door call. 1,905,937; Apr. 25.
- Hoag, Glen B., Fullerton, Calif. Mulch and making and applying the same. 1,910,289; May 23.
- Hoag, Robert W. (See Brown, C. A., and Hoag.)
- Hoage, Clyde C., Tower, Minn. Fish lure. 1,923,623; Aug. 22.
- Hoagland, Frank O., West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Machine tool spindle. 1,897,666; Feb. 14.
- Hoagland, William H., et al. (See Stepanian, Stephen, assignor.)
- Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
- Hoard, Bert V., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Series capacitor with combination protective equipment. 1,905,226; Apr. 25.
- Hoard, Ralph D., Stockton, Calif. Vaginal and rectal exerciser. 1,928,893; Oct. 3.
- Hoare, Stephen C. (See Crawford, C. H., and Hoare.)
- Hoare, Stephen C., Lynn, Mass., assignor to General Electric Company. Measuring instrument. 1,906,596; May 2.
- Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Photometric instrument. 1,906,597; May 2.
- Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Electrical instrument. 1,933,327; Oct. 31.
- Hoban, Fairfield W., assignor to Fairfield Specialties Corporation, New York, N. Y. Testing coins or other tokens for genuineness. 1,921,031; Aug. 8.
- Hobart Bros., Company, The. (See Hobart, Edward A., assignor.)
- Hobart, Charles J., assignor to Link-Belt Company, Chicago, Ill. Traveling water screen. 1,925,251; Sept. 5.
- Hobart, Clarence L., Riverside, and P. E. Tarlton, assignors to Electric Fruit Marking Co., Los Angeles, Calif. Counter. 1,934,925; Nov. 14.
- Hobart, Edward A., assignor to The Hobart Bros. Company, Troy, Ohio. Car washing pump. 1,907,110; May 2.
- Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Fluid pressure switch. 1,904,311; Apr. 18.
- Hobart, Henry M., Niskayuna, F. O. Stebbins, Schenectady, N. Y., and A. F. Gettelman, Duluth, Minn., assignors to General Electric Company. Operating polyphase alternating current motors. 1,902,444; Mar. 21.
- Hobart, Louis C., assignor to The Stanley Works, New Britain, Conn. Chaplet. 1,924,280; Aug. 29.
- Hobart Manufacturing Company, The. (See Harrelson, Allen M., assignor.)
- Hobart Manufacturing Company, The. (See Johnston, H. L., and Meeker, assignors.)
- Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)
- Hobart Manufacturing Company, The. (See Roush, Lee, assignor.)
- Hobbs, George R., Fort Madison, Iowa. Calculator. 1,928,377; Sept. 26.
- Hobbs, James C., Painesville, Ohio. Boiler furnace. 1,926,773; Sept. 12.
- Hobbs, James C., Painesville, Ohio. Baffle for steam and water boiler drums. 1,931,544; Oct. 24.
- Hobbs, John W., assignor to Mechanics Universal Joint Company, Rockford, Ill. Automotive vehicle with radio equipment. 1,902,802; Mar. 21.
- Hobbs, Leonard S., Hartford, Conn., assignor to Bendix Stromberg Carburetor Company, Chicago, Ill. Aircraft carburetor and fuel supply system. 1,912,842; June 6.
- Hobert, Leroy F., assignor to The Universal Clay Products Company, Sandusky, Ohio. Electrode housing. Des. 91,202; Dec. 19.
- Hobgood, John C., Lawrenceville, Va. Hat blocking machine. 1,932,312; Oct. 24.
- Hobi, Henry, Horicon, Wis. Apparatus for cleansing and sterilizing the disks of centrifugal separators. 1,914,016; June 13.
- Hobler, Frank C., Elmira, N. Y. Wear compensating bearing. 1,915,933; June 27.
- Hobson, Arthur W., San Francisco, Calif. Pneumatic tire pressure gauge. 1,894,490; Jan. 17.
- Hobson, Frank E., Bellingham, Wash., assignor to Western Combustion Engineers, Inc., Portland, Ore. Device for the heat treating of comminuted materials. 1,924,788; Aug. 29.
- Hobson, Frank M. (See Momsen, C. B., Tibbals, and Hobson.)
- Hobson, Frank M. (See Tibbals, C. L., and Hobson.)
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump working head. 1,906,965; May 2.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Pump working head. 1,910,766; May 23.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Grease-dispensing pump. 1,925,695; Sept. 5.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Hydraulic motor. 1,938,021; Dec. 5.
- Hoch, Fred W., Brooklyn, N. Y. Apparatus for testing printing ink and paper. 1,939,814; Dec. 19.
- Hoch, Henry, Morristown, N. J. Rope ladder. 1,910,546; May 23.
- Hoch, Otto M. (See Hawkins, E. M., and Hoch.)
- Hochfeld, Arno, assignor to Deutsche Telephonwerke und Kabelindustrie Aktiengesellschaft, Berlin, Germany. Small variable potential electric motor. 1,902,954; Mar. 28.
- Hochheimer, Ernst, Aachen, Germany. Fixing machine. 1,929,689; Oct. 10.
- Hochman, Julius C., assignor to Eagle Pencil Company, New York, N. Y. Pencil clip or similar article. Des. 89,829; May 9.
- Hochmuth, Carl. (See Friedman, H., and Hochmuth.)
- Hochmuth, Frank O., et al. (See Simmons, William H., assignor.)
- Hochmuth, Frank O., and C. F. Otto, Detroit, Mich. Brake seal. 1,938,905; Dec. 12.
- Hochschwender, Karl. (See Gaus, W., Hochschwender, and Schunck.)
- Hochstatter, Charles, Ozone Park, N. Y. Measuring and dispensing device for containers. 1,901,811; Mar. 14.
- Hochstetter, Frederick W., Pittsburgh, Pa. Making cellulosic carbon and product thereof. 1,911,279; May 30.
- Hochstetter, Paul E. (See Kruck, R. E., and Hochstetter.)
- Hochwalt, Carroll A. (See Carlin, J. C., and Hochwalt.)
- Hochwalt, Carroll A. (See Thomas, C. A., and Hochwalt.)
- Hochwalt, Carroll A., and J. B. Walluszis, Dayton, Ohio, assignors to Morton Salt Company, Chicago, Ill. Preparation of bromates. 1,919,721; July 25.
- Hock, Robert B., Goshen, N. Y. Protective cover for straw bats. 1,928,019; Sept. 26.
- Hockensmith Wheel & Mine Car Company. (See Ogilvie, George E., assignor.)
- Hocking Glass Company, The. (See Barbiers, Ferdinand S., assignor.)
- Hocking, Richard O. (See Holt, G. J., Hocking, Matson, and Knickerbocker.)
- Hockley, Harold W., assignor to Crompton Parkinson Limited, Chelmsford, England. Electrical measuring instrument. 1,924,039; Aug. 2.
- Hodell, Ernst A., Brooklyn, assignor to The Superheater Company, New York, N. Y. Flexible cleaner. 1,912,137; May 30.
- Hodge, Albert P., assignor to William L. Gilbert Clock Company, Winsted, Conn. Time controlling switch device. 1,916,665; July 4.
- Hodge, Albert P., assignor to W. L. Gilbert Clock Company, Winsted, Conn. Clock-casing construction. 1,931,457; Oct. 17.
- Hodge, Albert P., assignor to The William L. Gilbert Clock Company, Winsted, Conn. Alarm clock. 1,932,213; Oct. 24.
- Hodge, Arthur J. (See Murphy, D. A., and Hodge.)
- Hodge, David, assignor to The Safety Mining Company, Chicago, Ill. Self-retaining cartridge. 1,921,229; Aug. 8.
- Hodge, George O., assignor to Standard Steel and Bearings Incorporated, Plainville, Conn. Ball bearing. 1,903,217; Mar. 28.
- Hodge, Hubert C., assignor to The American Buckle Company, West Haven, Conn. Buckle. 1,940,418; Dec. 19.

- Hodge, Lloyd. (See Nelson, J. F., and Hodge.)
- Hodge, Robert J., assignor to The American Buckle Company, West Haven, Conn. Combination slide loop. 1,936,057; Nov. 21.
- Hodge, Willard T., et al. (receiver). (See Mueller, Paul F., assignor.)
- Hodges, Albert B. (See Hughes, W. J., Green, and Hodges.)
- Hodges, Irving L., Attleboro, Mass., assignor to C. A. Marsh & Co. Inc. Bracelet. 1,893,056; Jan. 3.
- Hodges, John S., West Riverside, Calif. Orchard heater. 1,908,354; May 9.
- Hodges, Lee W., assignor, by mesne assignments, to Lectrolite Corporation, Defiance, Ohio. Manufacturing an electric water heater. 1,903,045; Mar. 28.
- Hodges, Lee W., Sturgis, Mich., assignor, by mesne assignments to Lectrolite Corporation, Defiance, Ohio. Thermostatic heat control switch. 1,932,071; Oct. 24.
- Hodges, Lester E., Houston, Tex. Draw works brake mechanism. 1,937,022; Nov. 28.
- Hodges, Lester E., assignor to Oilfield Salvage Company, Houston, Tex. Casing plugging apparatus. 1,913,548; June 13.
- Hodges, William L., Cambridge, assignor to Bemis Industries, Incorporated, Boston, Mass. Making insulating blocks. 1,921,524; Aug. 8.
- Hodgkins, Albert A., Leonia, N. J., assignor to Universal Gear Shift Corporation, New Haven, Conn. Shift rod controlling device. 1,914,255; June 13.
- Hodgkins, Albert A., Leonia, N. J., assignor to Universal Gear Shift Corporation, New York, N. Y. Clutch operating mechanism. 1,936,626; Nov. 28.
- Hodgkins, Charles H. (See Golladay, L. R., and Hodgkins.)
- Hodgkins, Edward F., deceased, Beverly, by A. L. Preston, administratrix, Springfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrasive cover. 1,908,355; May 9.
- Hodgkinson, Francis P., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Welded casing. 1,898,663; Feb. 21.
- Hodgman, Frederick A., Yonkers, N. Y. Golf club assembly. 1,904,231; Apr. 18.
- Hodgman, Frederick S. (See Sperry, E. A., jr., and Hodgman.)
- Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Wireless controlled automatic pilot. 1,924,557; Aug. 29.
- Hodgson, Edward S., East St. Louis, Ill. Folding desk. 1,906,064; Apr. 25.
- Hodgson, Howard B., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller for lifting magnets. 1,923,311; Aug. 22.
- Hodgson, John L., and F. Gray, Luton, assignors to George Kent Limited, London, England. Indicating or recording mechanism. 1,906,155; Apr. 25.
- Hodgson, John L., A. Ivanoff, and G. P. E. Howard, Luton, assignors to George Kent Limited, London, England. Automatic control apparatus. 1,916,477; July 4.
- Hodgson, William H., Moose Jaw, Saskatchewan, Canada. Tire patch. 1,919,368; July 25.
- Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Attaching keys to containers. 1,936,018; Nov. 21.
- Hodnette, John K., Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protection of distribution transformers against lightning. 1,923,727; Aug. 22.
- Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Core type transformer. 1,934,501; Nov. 7.
- Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 1,940,863; Dec. 26.
- Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 1,940,864; Dec. 26.
- Hodsmann, Henry J., Headingley and A. Taylor, Hull, assignors to W. C. Holmes and Company Limited, Huddersfield, England. Manufacture of sulphate of ammonia. 1,913,276; June 6.
- Hodsmann, Henry J., Headingley, and A. Taylor, Hull, assignors to W. C. Holmes and Company Limited, Huddersfield, England. Washing of flue gases from combustion furnaces and the like. 1,931,408; Oct. 17.
- Hodson Corporation, The. (See Hodson, Walter D., assignor.)
- Hodson, Walter D., assignor to The Hodson Corporation, Chicago, Ill. Gear lubrication. 1,907,258; May 2.
- Hodtums, Joseph B., Bellevue, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Grounding switch mechanism. 1,907,542; May 9.
- Hoe, R., & Co. (See Ball, Harry V., assignor.)
- Hoe, R., & Co. (See Ball, H. V., and Horton, assignors.)
- Hoe, R., & Co. (See Claiberg, Herman P., assignor.)
- Hoe, R., & Co. (See Horton, Albert J., assignor.)
- Hoe, R., & Co. (See Huck, William F., assignor.)
- Hoe, R., & Co. (See Hunting, Irving A., assignor.)
- Hoe, R., & Co. (See Lamatsch, Frederick, assignor.)
- Hoe, R., & Co. (See Lundquist, Arvid, assignor.)
- Hoe, R., & Co. (See Schmidt, Louis A., assignor.)
- Hoe, R., & Co. (See Tomlin, John R., assignor.)
- Hoe, R., & Co., Inc. (See Halliwell, John J., assignor.)
- Hoe, R., & Co. Inc. (See Zuckerman, Adolph M., assignor.)
- Hoe, Robert, Hyde Park, N. Y. Shelling apparatus. 1,906,598; May 2.
- Hoe, Robert, Hyde Park, N. Y. Household power unit. 1,910,162; May 23.
- Hoe, Robert, Hyde Park, N. Y. Kitchen appliance. 1,923,867; Aug. 22.
- Hoecker, Albert C., St. Louis, Mo. Combined jack and bumper. Des. 90,659; Sept. 12.
- Hoefleur, Arthur, Chicago, Ill. Conveyer. 1,896,407; Feb. 7.
- Hoefling Bros. Inc. (See Hoefling, John W., assignor.)
- Hoefling, John W., Chico, Calif. Portable grain cleaning machine. 1,926,621; Sept. 12.
- Hoefling, John W., assignor to Hoefling Bros. Inc., Chico, Calif. Grain or fine particle grader. 1,898,249; Feb. 21.
- Hoegger, Joseph A. (See Hoegger, Joseph A., jr., assignor.)
- Hoegger, Joseph A., Jersey City, N. J. Theftproof hanger for frames. 1,908,147; May 9.
- Hoegger, Joseph A., jr., assignor to Joseph A. Hoegger, Jersey City, N. J. Safety device for gas burners. 1,914,805; June 20.
- Hoelkeskamp, Franz, Wuppertal, Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Ammoniacal compound for use in the textile industry. 1,917,265; July 11.
- Hoelkeskamp, Franz, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Filament treatment. 1,932,734; Oct. 31.
- Hoelscher, William G. (See Robinson, A. E., and Hoelscher.)
- Hoelscher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Lubrication apparatus for transmissions. 1,926,998; Sept. 12.
- Hoelscher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Lathe headstock. 1,938,906; Dec. 12.
- Hoelscher, William G., Norwood, and A. E. Robinson, assignors to The American Tool Works Company, Cincinnati, Ohio. Lathe carriage apron mechanism. 1,910,354; May 23.
- Hoelscher, William G., Norwood, and G. E. Hieber, assignors to The American Tool Works Company, Cincinnati, Ohio. Carriage feeding mechanism for lathes. 1,926,996; Sept. 12.
- Hoelscher, William G., Norwood, and A. E. Robinson, assignors to The American Tool Works Company, Cincinnati, Ohio. Lathe bed construction. 1,926,997; Sept. 12.
- Hoenes, Herman J., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Machine for engraving tire molds. 1,923,728; Aug. 22.
- Hoenstine, Earle E., Altoona, Pa. Joint for superheaters or the like. 1,892,781; Jan. 3.
- Hoerer, Martin. (See Bley, Fred, assignor.)
- Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Making ice skates. 1,893,140; Jan. 3.
- Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Ice skate. 1,910,898; May 23.
- Hoerle, William F., and E. J. Pardon, assignors to Union Hardware Company, Torrington, Conn. Fish rod handle. 1,923,035; Aug. 15.
- Hoern, Joseph H., Saginaw, Mich., assignor to Wilcox-Rich Corporation. Grinding machine. 1,900,112; Mar. 7.
- Hoern, Joseph H., Saginaw, assignor to Wilcox-Rich Corporation, Detroit, Mich. Making tappets. 1,910,767; May 23.
- Hoern, Joseph H., Saginaw, Mich., assignor to Wilcox-Rich Corporation. Ring resawing machine. 1,925,384; Sept. 5.
- Hoerner, Ralph M., Elkins Park, Pa. Apparel hanger. 1,912,199; May 30.
- Hoesel, Anthony F. (See Haimbaugh, R. C., and Hoesel.)
- Hofbauer, Caspar E., assignor to Paramount Carburetor Corporation, New York, N. Y. Carbureting system. 1,905,712; Apr. 25.
- Hofem, George W. (See Van Valkenburg, H. L., and Hofem.)
- Hofer, Anton, and F. Danninger, assignors to Berge Manufacturing Company, Milwaukee, Wis. Safe. 1,921,032; Aug. 8.
- Hofer, Paul, Munich, Germany. Door insertion with name plate. 1,911,825; May 30.
- Höfer, Paul, Berlin, Germany. Production of potassium nitrate. 1,932,587; Oct. 31.
- Hoferer, Heinrich, assignor to Firm Kulmbacher Spinnerei, Kulmbach, Germany. Double or multiple woven fabric for shirt collars and like purposes. 1,909,468; May 16.
- Hoff, Chester A., assignor to The Akron Lamp Company, Akron, Ohio. Liquid fuel vapor burner. 1,920,933; Aug. 1.
- Hoff, Earl B., Cleveland Heights, Ohio. Safety razor. 1,941,208; Dec. 26.
- Hoff, Leigh P., Bala-Cynwyd, Pa., assignor to The Allen-Sherman-Hoff Company, Strainer. 1,911,503; May 30.
- Hoffa, Erwin, and E. Thoma, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuff insoluble in water. 1,919,589; July 25.

- Hoffa, Erwin, and E. Thoma, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Blue to violet-blue water-insoluble azo-dyestuffs. 1,919,590; July 25.
- Hoffa, Erwin, and P. Jörg, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs. 1,924,434; Aug. 29.
- Hoffa, Erwin, and E. Thoma, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs and fiber dyed therewith. 1,927,121; Sept. 19.
- Hoffa, Erwin, Frankfort-on-the-Main-Hochst, and E. Glietenberg, Leverkusen, near Cologne, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 1,936,979; Nov. 28.
- Hoffeld, Louis, New York, N. Y. Combination hat lining and sweat band. 1,940,544; Dec. 19.
- Hoffer, James M., Steelton, Pa., assignor to Bethlehem Steel Company. Switch heater. 1,911,509; May 30.
- Hoffer, John P. (See Kelly, J. L., Brenner, and Hoffer.)
- Hoffer, Joseph G. (See Kloss, W., and Hoffer, assignors.)
- Hoffer, Le Roy H., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Bead trimming apparatus. 1,907,543; May 9.
- Hofferbert, Orrin, Beaver Dam, Wis., assignor to Malleable Iron Range Company. Dial illuminating means. 1,939,774; Dec. 19.
- Hofferberth, George F., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,902,445; Mar. 21.
- Hoffert, Roy G., Racine, Wis. Shingle cutter. 1,906,599; May 2.
- Hoffman, A. A. (See Stover, Clayton D., assignor.)
- Hoffman, Albert F., assignor to Hoffman Beverage Company, Newark, N. J. Bottle closure. 1,923,091; Aug. 22.
- Hoffman, Benjamin P., Tulsa, Okla. Ball valve. 1,906,266; May 2.
- Hoffman, Benjamin P., assignor of one-half to C. S. Jones, Tulsa, Okla. Packing. 1,897,804; Feb. 14.
- Hoffman, Benjamin P., assignor of one-half to C. S. Jones, Tulsa, Okla. Valve. 1,911,280; May 30.
- Hoffman Beverage Company. (See Hoffman, Albert F., assignor.)
- Hoffman Beverage Company. (See Nordstrom, Elof, assignor.)
- Hoffman Beverage Company. (See Rue, Harold E., assignor.)
- Hoffman, Carl R., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing apparatus. 1,904,232; Apr. 18.
- Hoffman, Charles A., Wyomissing, assignor to Vanity Fair Silk Mills, Reading, Pa. Girdle. 1,931,822; Oct. 24.
- Hoffman, Charles T., assignor of one-half to E. L. Groff, Washington, D. C. Automatically defrosting refrigerating units. 1,916,315; July 4.
- Hoffman, Earl E., Springfield, Mass. Magneto electric machine. 1,906,065; Apr. 25.
- Hoffman, Earl W., Dubuque, Iowa, assignor to Johnson High Test Oil Company, Freeport, Ill. Safety shield. 1,894,867; Jan. 17.
- Hoffman, Edmund, Brooklyn, assignor to American Can Company, New York, N. Y. Container. 1,938,590; Dec. 12.
- Hoffman, Edward C., Beaver Dam, Wis. Pencil sharpener. 1,932,181; Oct. 24.
- Hoffman, Edward L., Dayton, Ohio. Parachute harness. 1,909,176; May 16.
- Hoffman, Emil H. (See Bender, Heinrich, assignor.)
- Hoffman, Frank K., Dunkirk, N. Y. Making radiator elements. 1,902,779; Mar. 21.
- Hoffman, George D., Pasadena, assignor, by mesne assignments, to Thermador Electrical Manufacturing Co., Los Angeles, Calif. Electric heater. 1,926,537; Sept. 12.
- Hoffman, George M., Upper Montclair, N. J. Revetment and laying the same. 1,892,701; Jan. 3.
- Hoffman, Henry D., Youngstown, Pa. Animal runway trap. 1,913,594; June 13.
- Hoffman, Hugo. (See Hoffman, Joe and H.)
- Hoffman, J. C., Inc. (See Hoffman, Joseph C., assignor.)
- Hoffman, Jacob, Highland Park, assignor to Hub Metal Bed Co., Chicago, Ill. Disappearing bed. 1,899,803; Feb. 28.
- Hoffman, Joe and H., Two Rivers, Wis. Motor barrow. 1,905,589; Apr. 25.
- Hoffman, John E., assignor to Deere & Company, Moline, Ill. Hitch. 1,918,391; July 18.
- Hoffman, John E., assignor to Deere & Company, Moline, Ill. Disk harrow. 1,926,381; Sept. 12.
- Hoffman, John F., assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Method of and apparatus for tempering air. 1,936,432; Nov. 21.
- Hoffman, John F., assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Water cooling system. 1,937,698; Dec. 5.
- Hoffman, John R., assignor to Madison-Kipp Corporation, Madison, Wis. Fluid operated tool. 1,899,150; Feb. 28.
- Hoffman, John R., assignor to Madison-Kipp Corporation, Madison, Wis. Hand tool. 1,918,645; July 18.
- Hoffman, John R., assignor to Madison-Kipp Corporation, Madison, Wis. Fluid operated tool. 1,921,753; Aug. 8.
- Hoffman, John R., assignor to Madison-Kipp Corporation, Madison, Wis. Fluid operated tool. 1,923,205; Aug. 22.
- Hoffman, Joseph C., Yonkers, assignor to J. C. Hoffman, Inc., New York, N. Y. Container. 1,913,880; June 13.
- Hoffman, Laurence N., assignor to The Shelby Metal Products Company, Shelby, Ohio. Doorcheck. 1,916,571; July 4.
- Hoffman, Laurence N., assignor to Shelby Metal Products Company, Shelby, Ohio. Door holder. 1,927,264; Sept. 19.
- Hoffman, Louis, New York, N. Y. Playing card holder. 1,907,544; May 9.
- Hoffman, Martin. (See Maul, P. J., and Hoffman.)
- Hoffman, Morris J., Chicago, Ill., assignor to The Tabulating Machine Company, New York, N. Y. Key controlled printing machine. 1,905,288; Apr. 25.
- Hoffman, Morris J., Chicago, Ill., assignor to The Tabulating Machine Company, New York, N. Y. Card printing and punching mechanism. 1,919,219; July 25.
- Hoffman, Otto, Brooklyn, N. Y. Pneumatic bumper. 1,935,447; Nov. 14.
- Hoffman, Otto C., assignor of one-half to J. J. Dunn, Buffalo, N. Y. Registering bank. 1,901,030; Mar. 14.
- Hoffman, Peter L., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Door hanger. 1,931,796; Oct. 24.
- Hoffman, Ragnar E., Elmwood Park, and C. Paulson, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for gauging material. 1,901,966; Mar. 21.
- Hoffman, Roscoe C., Detroit, Mich. Motor vehicle. 1,934,191; Nov. 7.
- Hoffman, Samuel, New York, N. Y. Ink well attachment. 1,936,394; Nov. 21.
- Hoffman, Samuel, South Orange, assignor to J. Chein & Company, Harrison, N. J. Sail boat. 1,918,543; July 18.
- Hoffman Specialty Company. (See Simpson, William K., assignor.)
- Hoffman Specialty Company. (See Stewart, Charles W., assignor.)
- Hoffman, Walter F. (See Gortner, R. A., and Hoffman.)
- Hoffman, Walter F., Cloquet, Minn. Recovery of waste liquors. 1,915,315; June 27.
- Hoffman, Walter G., Mount Lebanon, and J. R. Miller, assignors, by mesne assignments, to Boclj Corporation, Pittsburgh, Pa. Purification of oil. 1,919,655; July 25.
- Hoffman, William H., assignor to Burgess Battery Company, Madison, Wis. Variable condenser. 1,938,334; Dec. 5.
- Hoffman, William H., Bloomfield, N. J., and D. H. Mix, Hicksville, N. Y., assignors to Burgess Battery Company, Madison, Wis. Radio tuning system. 1,941,090; Dec. 26.
- Hoffmann, Alfred, Berlin, Germany. Method and apparatus for emulsifying. 1,926,484; Sept. 12.
- Hoffmann, August, Leipzig, Germany. Thread guide advancing device for bobbin winding machines. 1,894,313; Jan. 17.
- Hoffmann, Bruno, Spandau-West, Germany, assignor to General Electric Company. Compressor. 1,915,997; June 27.
- Hoffmann, Daniel C., Philadelphia, Pa., assignor to General Electric Company. Control of electric circuits. 1,919,980; July 25.
- Hoffmann, Daniel C., Philadelphia, Pa., assignor to General Electric Company. Automatic switching equipment. 1,927,797; Sept. 19.
- Hoffmann, Edward A., assignor to Clinton Motors Corporation, Reading, Pa. Apparatus for transporting concrete. 1,926,622; Sept. 12.
- Hoffmann, Edward A., assignor to Clinton Motors Corporation, Reading, Pa. Treating concrete. 1,926,623; Sept. 12.
- Hoffmann, Edward A., assignor to Clinton Motors Corporation, Reading, Pa. Apparatus for transporting concrete. 1,926,624; Sept. 12.
- Hoffmann, Friedrich, Mulheim-on-the-Ruhr, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Process and apparatus for charging explosion turbines. 1,913,593; June 13.
- Hoffmann, Fritz, and C. Wulff, Braslau, assignors to I. G. Farbenindustrie Aktiengesellschaft, of Frankfort-on-the-Main, Germany. Production of hydrocarbon oils. 1,933,434; Oct. 31.
- Hoffmann, George, Boston, Mass., assignor to American Locker Company, Chicago, Ill. Coin controlled lock. 1,933,263; Oct. 31.
- Hoffmann, Henry, St. Louis, Mo. Watch or clock calendar or date indicator. 1,906,908; May 2.
- Hoffmann, Henry W. (See Smith, D. V., and Hoffmann.)
- Hoffmann, Hugo. (See Luedke, M. A. G., and Hoffmann.)
- Hoffmann, Konrad, Breslau-Carlowitz, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Cake wrapping. 1,927,403; Sept. 19.
- Hoffmann, Kurt, Dresden, Germany. Revolving fire preventing shutter for cinematographic projection apparatus. 1,894,769; Jan. 17.
- Hoffmann-La Roche Inc. (See Aeschlimann, John A., assignor.)
- Hoffmann-La Roche Inc. (See Elger, Franz, assignor.)
- Hoffmann-La Roche Inc. (See Guggenheim, Marcus, assignor.)

- Hoffmann-La Roche Inc. (See Stenzl, Hans, assignor.)
Hoffmann-La Roche Inc. (See Warnat, Kurt, assignor.)
Hoffmann, Wilhelm. (See Rietz, E., and Hoffmann.)
Hoffmann, William H., Los Angeles, Calif. Time controlled switch. 1,915,316; June 27.
Hoffmann, William J., assignor to Lilie-Hoffmann Cooling Towers, Inc., St. Louis, Mo. Cooling tower construction. 1,920,642; Aug. 1.
Hoffmeister, Hermann, Ciesmarode near Brunswick, assignor to Brunsviga-Maschinenwerke Grimme, Natalis & Co., Aktiengesellschaft, Braunschweig, Germany, Brunswick, Germany. Calculating machine. 1,895,189; Jan. 24.
Hoffritz, Charles W., Los Angeles, Calif. Illuminated pump dial. 1,901,100; Mar. 14.
Hoffstetter, Carl H. and R. F., Erie, Pa. Leg attachment for stoves or ranges. 1,910,336; May 23.
Hoffstetter, Carl H. and R. F., Erie, Pa. Attaching stoves to shipping crates. 1,910,337; May 23.
Hoffstetter, Carl H., and R. F. Hoffstetter, Erie, Pa. Broiler oven. 1,922,585; Aug. 15.
Hoffstetter, Carl H., and R. F. Hoffstetter, Erie, Pa. Gas range. 1,922,586; Aug. 15.
Hoffstetter, Carl H., and R. F. Hoffstetter, Erie, Pa. Oven door construction. 1,922,587; Aug. 15.
Hoffstetter, Robert F. (See Hoffstetter, Carl H. and R. F.)
Höfinghoff, Walter. (See Hartmann, A., Höfinghoff, and Fischer.)
Hofius, Heinrich W., Dahmshof near Dahme, Germany. Swimming appliance with flap drive. 1,918,185; July 11.
Hofmann, Alfred, Palisade, and O. Kanis, Lyndhurst, assignors to Alfred Hofmann Needle Works, Inc., Union City, N. J. Wire-feeding and cutting machine. 1,897,970; Feb. 14.
Hofmann, Alfred, Palisade, and O. Kanis, Lyndhurst, assignors to A. Hofmann, Needle Works, Inc., Union City, N. J. Needle making machine. 1,930,755; Oct. 17.
Hofmann, Alfred & Company. (See Anderson, V., and Trutner, assignors.)
Hofmann, Alfred, Needle Works, Inc. (See Hofmann, A., and Kanis, assignors.)
Hofmann, Carl, Schonau near Chemnitz, Germany. Ring for spinning and doubling frames. 1,918,644; July 15.
Hofmann, Fritz, Breslau, and C. Wulff, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Alkylation of organic hydroxy-compounds. 1,898,627; Feb. 21.
Hofmann, Fritz, and A. Michael, Breslau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of condensation products from diolefines and hydrocarbons. 1,934,123; Nov. 7.
Hofmann, George, Boston, Mass. Safety razor. Des. 89,765; May 2.
Hofmann, Gerhardt. (See Galle, E., Rosinsky, and Hofmann.)
Hofmann, Hugo, and M. E. Korff, Johnson City, Tenn., assignors to American Bemberg Corporation, New York, N. Y. Twisting and winding machine. 1,892,782; Jan. 3.
Hofmann, Hugo, and M. E. Korff, Johnson City, Tenn., assignors to American Bemberg Corporation, New York, N. Y. Twisting and winding machine. 1,892,783; Jan. 3.
Hofmann, Max, assignor to Waukesha Motor Company, Waukesha, Wis. Fuel pump. 1,909,961; May 23.
Hofmann, Max, assignor to Waukesha Motor Company, Waukesha, Wis. Coupling. 1,919,654; July 25.
Hofmann, Walter. (See Ungelenk, A., and Hofmann.)
Hofmann, Walter, Rudolstadt in Thuringia, Germany, assignor to General Electric Company. Cathode structure for vacuum tubes. 1,899,568; Feb. 28.
Hofmann, Walter, Erlangen, Germany, assignor to General Electric Company. X-ray tube. 1,902,502; Mar. 21.
Höfner, Konrad, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Jointing oil-filled cables with hollow conductors. 1,906,600; May 2.
Hofstetter, Clarence F., U. S. Army, Dayton, Ohio. Gun mount. 1,939,699; Dec. 19.
Hofstetter, Clarence F., Missoula, Mont. Muzzle attachment for guns. 1,939,700; Dec. 19.
Hogaboom, George B., New Britain, Conn., and M. B. Diggins, assignors to Hanson-Van Winkle-Munning Company, Matawan, N. J. Cadmium plating composition. 1,893,368; Jan. 3.
Hogan, Edward L. (See Morse, C. T., and Hogan.)
Hogan, Francis W., and H. M. Bulbrook, assignors of one-third to H. H. Adams, Fort Worth, Tex. Carbon dioxide recovery apparatus. 1,931,817; Oct. 24.
Hogan, George F., Chicago, Ill. Carton. 1,917,886; July 11.
Hogan, George L., assignor to National Stamping and Electric Works, Chicago, Ill. Vapor burner. 1,910,163; May 23.
Hogan, George R., Chicago, Ill. Cabinet. Des. 90,580; Aug. 29.
Hogan, Gertrude M., New York, N. Y. Humidifier. Des. 91,115; Nov. 28.
Hogan, John G. (See Radley, Alton A., jr., assignor.)
Hogan, Margaret M., Binghamton, N. Y. Bunion corrective device. 1,899,092; Feb. 28.
Hogan, Philip, Newton, Mass. Soldering together cylindrical surfaces. 1,920,791; Aug. 1.
Hogan, Samuel. (See McNeff, J., and Hogan.)
Hogan, William F., Wildwood, N. J. Flag holder and support therefor. 1,893,585; Jan. 10.
Hoge, Charles L., Wichita Falls, Tex. Water-treating apparatus. 1,938,748; Dec. 12.
Hoge, Daniel W., assignor to C. W. Newbery, Los Angeles, Calif. Treating resins. 1,902,073; Mar. 21.
Hoge, Daniel W., assignor to C. W. Newbery, Los Angeles, Calif. Motor fuel. 1,902,125; Mar. 21.
Hoge, Joseph F. D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multicontact switch. 1,901,449; Mar. 14.
Hoge, Kenneth S., assignor to M. Russell Engler, San Diego, Calif. Book sewing machine. 1,917,647; July 11.
Hoge, William L. (See Trube, Carl E., assignor.)
Hogelund, Carl F., Minneapolis, Minn. Club head. Des. 90,948; Oct. 31.
Hogelund, Carl F., Minneapolis, Minn. Club head. Des. 91,070; Nov. 21.
Hogen, Roger, assignor to Summit Foundry Company, Geneva, N. Y. Cook stove. 1,932,182; Oct. 24.
Hogg, Edward, Watouray, Conn. Pencil holder. 1,906,267; May 2.
Hogg, Emerson E., Parnassus, assignor to Aluminum Company of America, Pittsburgh, Pa. Tamper-proof seal. 1,908,245; May 9.
Högg, Max, Mannheim, Germany. Candle stick. 1,923,826; Aug. 22.
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Circular chaser grinding gauge. 1,901,242; Mar. 14.
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Circular chaser die head. 1,923,265; Aug. 22.
Hogrefe, William J., and J. E. Stiles, Sacramento, Calif. Device to control wrapping twine. 1,922,292; Aug. 15.
Hogue, Carl F., Stockton, Calif. Combination table and ash tray. 1,938,964; Dec. 12.
Hogue, Clayton M., assignor to The Straight-Side Basket Corporation, Benton Harbor, Mich. Constructing and stapling a container bottom. 1,936,393; Nov. 21.
Hogue Henry J., assignor of one-third to C. L. Wasmer and one-third to John C. Wasmer, Lakewood, Ohio. Combined wire drawing and fabricating machine. 1,934,466; Nov. 7.
Hogue, James E., Hot Springs, Ark. Ice cream or confection container. 1,903,764; Apr. 18.
Hohl, George I., assignor to Cartonizing Machinery Corporation, Newport, R. I. Machine for opening, filling, and closing bags. 1,914,369; June 20.
Hohlweg, Walter. (See Dohrn, M., and Hohlweg.)
Hohlweg, Walter, Vienna, Austria. Obtaining efficient germ-gland substances in a water-soluble condition. 1,916,478; July 4.
Hohman, Charles J., Miami, Fla. Combination sash lock. 1,920,983; Aug. 8.
Hohmann, Anna F. and P. F., Los Angeles, and Murry M. Campbell, Long Beach, Calif. Vehicle for pneumatic tools. 1,898,369; Feb. 21.
Hohmann, Philip F. (See Hohmann, Anna F. and P. F., and Campbell.)
Hohmann, Richard K., Brooklyn, assignor to Frederick Osann Company, New York, N. Y. Sewing machine. 1,916,860; July 4.
Hohn, Max P. E., assignor to the Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Cigarette machine. 1,893,057; Jan. 3.
Hohn, Max P. E., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Packing of cigarettes. 1,915,888; June 27.
Hohner, Ernst, Trossingen, Germany. Bass mechanism for accordions. 1,908,246; May 9.
Hohner, Ernst, Trossingen, Germany. Piano keyboard accordion. 1,908,247; May 9.
Hohnhorst, Ferdinand J., and F. J. Kroeger, Covington, Ky. Abrading wheel and mounting therefor. 1,918,392; July 18.
Hohnhorst, Ferdinand J., and F. J. Kroeger, Covington, Ky. Adjusting means for bearings. 1,928,690; Oct. 3.
Hohorst, William F., Scott Field, Belleville, Ill. Airplane dolly. 1,910,436; May 23.
Hoidn, John, Chicago, Ill. Holder for ice-cream cones. 1,925,083; Sept. 5.
Hoier, Ella, Cincinnati, Ohio, assignor to The Ohio Truss Company. Surgical belt. 1,932,270; Oct. 24.
Hoisington, Cyrus H. (See Hunter, H. M., and Hoisington.)
Hoisington, George C., Colton, and O. E. Brubaker, San Bernardino, Calif. Electric current flow interrupter. 1,915,530; June 27.
Hoit, Julian D., Cleveland Heights, Ohio, assignor to National Electric Products Corporation, New York, N. Y. Insulator support. 1,934,308; Nov. 7.
Hojda, Henry, Moravska-Ostrava, Czechoslovakia. Parachute. 1,903,563; Apr. 11.
Hojnowski, Jakob, Nekeosa, Wis. Airplane toy. 1,928,154; Sept. 26.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Power actuated typewriter. 1,921,159; Aug. 8.
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Repeat mechanism for typewriters. 1,929,975; Oct. 10.
Hokanson, Otto A., and J. F. Koca, assignors to Woodstock Typewriter Company, Woodstock, Ill. Remote control mechanism. 1,899,151; Feb. 28.

- Hokanson, Otto A., and J. F. Koca, assignors to Woodstock Typewriter Company, Woodstock, Ill. Decimal tabulator. 1,929,976; Oct. 10.
- Hoke, Frank. (See Rossebo, G. H., and Hoke.)
- Hoke, Frank, assignor to Holcomb & Hoke Manufacturing Company, Indianapolis, Ind. Coin controlled switch. 1,897,955; Feb. 14.
- Hoke, Frank, assignor to Holcomb & Hoke Manufacturing Company, Indianapolis, Ind. Material transfer mechanism. 1,909,536; May 16.
- Hoke, William E., Baltimore, Md. Method of and device for finishing taper rolls. 1,915,789; June 27.
- Hoke, William E., Baltimore, Md., assignor to Dardelet Threadlock Corporation, New York, N. Y. Self-locking coupled screw element. 1,905,869; Apr. 25.
- Hokerk, Lynde D., Utica, N. Y. Sewing basket. 1,894,868; Jan. 17.
- Hokin, Harry R., Los Angeles, Calif. Centrifugal casting machine. 1,908,607; May 9.
- Holaday, Horace A., Highland Park, and A. Black, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Preparing fat-soluble-vitamin concentrates. 1,919,369; July 25.
- Holan, James, Cleveland, Ohio. Motor vehicle. 1,923,785; Aug. 22.
- Holbert, Glen C., San Diego, Calif. Pipe straightening apparatus. 1,902,029; Mar. 21.
- Holbrook, A. W., & Sons, Inc. (See Travis, Albert C., Jr., assignor.)
- Holbrook, William C. (See Card, J. T., and Holbrook.)
- Holbrook, William C. (See Wallace, H., and Holbrook.)
- Holbrook, William C., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,932,822; Oct. 31.
- Holbrook, Willie L. (See Parker, W. R., and Holbrook.)
- Holcomb & Hoke Manufacturing Company. (See Hoke, Frank, assignor.)
- Holcomb & Hoke Manufacturing Company. (See Rossebo, G. H., and Hoke, assignors.)
- Holcombe, Ernest H. (See Pelton, W. E., and Holcombe.)
- Holcombe, George A., San Diego, Calif. Exhibiting apparatus. 1,900,557; Mar. 7.
- Holcombe, Guy T. (See Sanders, James E., assignor.)
- Holcroft and Company. (See Kuhlman, Harry J., assignor.)
- Holdeman, Michael I. (See Swift, E. M., and Holdeman.)
- Holden, Charles S. (See Kranz, H. W., Holden, and Uber.)
- Holden, Fenn M., Pontiac, assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Harmonic balancer with coil springs. 1,896,026; Jan. 31.
- Holden Knitting Co. (See Holden, R. M., and Roberts, assignors.)
- Holden, Richard R., Highland Park, Ill. Trolley guide. Re18,977; Oct. 24.
- Holden, Richard R., Highland Park, Ill. Grinder. 1,933,058; Oct. 31.
- Holden, Roger M., and J. F. Roberts, assignors to Holden Knitting Co., Worcester, Mass. Knitted lining for rubber footwear and making same. 1,902,780; Mar. 21.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Gain control apparatus. 1,902,030; Mar. 21.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Filtering apparatus. 1,902,031; Mar. 21.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Battery control circuit. 1,916,316; July 4.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Amplifier of alternating currents. 1,918,393; July 18.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Volume control system. 1,932,588; Oct. 31.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Frequency translating device. 1,932,589; Oct. 31.
- Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Duplex radio system. 1,935,744; Nov. 21.
- Holden, William H. T., Brooklyn, and R. P. Jutson, Yonkers; said Holden assignor to American Telephone and Telegraph Company and said Jutson assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulating system. 1,903,999; Apr. 18.
- Holden, William H. T., Brooklyn, R. P. Jutson, Yonkers, N. Y., and J. L. Larew, South Amboy, N. J.; said Holden assignor to American Telephone and Telegraph Company, and said Larew and Jutson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Battery control system. 1,931,867; Oct. 24.
- Holdgrafer, Clem. Clinton, Iowa. Bread serving appliance. 1,902,239; Mar. 21.
- Holding Internationale Societe Anonyme. (See Baze, Maxime, assignor.)
- Holdsworth, Willie, Providence, R. I. Gill drawing frame. 1,937,570; Dec. 5.
- Hole, William W., assignor to International Battery Company, Limited, Honolulu, Hawaii. Apparatus for assembling storage batteries. 1,932,136; Oct. 24.
- Holed-Tite Packing Corporation. (See Gray, Fred D., assignor.)
- Holeproof Hosiery Co. (See Amberger, Fritz L. H., assignor.)
- Holeproof Hosiery Co. (See Smith, John W., assignor.)
- Holifast Rubber Company, The. (See Hill, Matthew E., assignor.)
- Holford, Harry E., assignor to Binghamton Foundry & Machine Co., Inc., Binghamton, N. Y. Coupling device for road forms. 1,921,881; Aug. 8.
- Holifer, John G. (See Hedeon, A., Holifer, and Landess.)
- Holinger, Emil F., assignor to Hudson Electrical Heating Corporation, New York, N. Y. Electric house heater. 1,902,074; Mar. 21.
- Holinger, Emil F., assignor to Hudson Electrical Heating Corporation, New York, N. Y. Electric time switch and self-winding clock mechanism for operating same. 1,912,368; June 6.
- Holken, Martin, G. m. b. H. (See Kimmig, Wilhelm, assignor.)
- Holland, Alfred H. (See Holland, Robert A. and A. H.)
- Holland, Arthur A., Toronto, Ontario, Canada. Cone making machine. 1,921,160; Aug. 8.
- Holland, Cyrus J., Chicago, Ill. Volute spring structure for lateral motion trucks. 1,916,317; July 4.
- Holland, Cyrus J., Chicago, Ill. Friction draft gear. 1,918,646; July 18.
- Holland, Fred N., et al. (See Witaschek, John H., assignor.)
- Holland, Fritz, Long Island City, N. Y., and I. F. Damon, Belmont, Mass., assignors to Compo Shoe Machinery Corporation, New York, N. Y. Method of and apparatus for making shoes. 1,934,852; Nov. 14.
- Holland Furnace Company. (See Kolla, John P., assignor.)
- Holland Furnace Company. (See Nystrom, Oscar P., assignor.)
- Holland Furnace Company. (See Selby, Charles M., assignor.)
- Holland, Harry W., Elizabeth, N. J., assignor to The Texas Company, New York, N. Y. Service station cart. Des. 89,344; Feb. 28.
- Holland, Harry W., Elizabeth, N. J. Advertising display device. Des. 90,031; May 30.
- Holland, John P., San Francisco, Calif. Garbage fill. 1,935,090; Nov. 14.
- Holland, Norman N., New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package. 1,909,406; May 16.
- Holland-Rantos Company. (See Whittaker, Lloyd B., assignor.)
- Holland, Robert A. and A. H. Winston-Salem, N. C. Extension table. 1,907,111; May 2.
- Holland, Roy A., Elsternwick, Victoria, assignor to E. M. F. Electric Company Proprietary Limited, North Carlton, Victoria, Australia. Air welding electrode. 1,909,679; May 16.
- Holland, Sidney S., assignor of one-half to Oscar Reiger, Kansas City, Mo. Ironer attachment for washers. 1,905,870; Apr. 25.
- Holland, Sidney S., assignor of one-half to Oscar Reiger, Kansas City, Mo. Wringer roll. 1,905,871; Apr. 25.
- Holland, Sidney S., assignor of one-half to O. Reiger, Kansas City, Mo. Ironer attachment for washing machines. 1,913,549; June 13.
- Holland, Thomas J., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Tuft pile fabric loom. 1,898,988; Feb. 21.
- Holland W. Paul. (See Patterson, C. T., assignor, and Young.)
- Holland, Walter, Washington, D. C. Apparatus for electrolysis. 1,905,627; Apr. 25.
- Holland, Walter E., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Assembling electrodynamic sound reproducers. 1,909,275; May 16.
- Holland, Walter E., assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Radio loud speaker cabinet. 1,932,343; Oct. 24.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Roughage mill. 1,925,394; Sept. 5.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Conveying mechanism for grinding mills and the like. 1,925,395; Sept. 5.
- Holland-Letz, William, Crown Point, Ind., assignor to The Letz Manufacturing Company. Adjustable knife for roughage mills. 1,929,586; Oct. 10.
- Hollander, Aladar, Berkeley, Calif., assignor, by mesne assignments, to Byron Jackson Co. Balanced multi-stage centrifugal pump. 1,912,452; June 6.
- Hollander, Aladar, Berkeley, assignor to Byron Jackson Co., Los Angeles, Calif. Tensioning spider for deep-well turbines. 1,922,588; Aug. 15.
- Hollander, Charles S. (See Neher, H. T., and Hollander.)
- Hollands, Harold W., River Forest, assignor to The Pullman Company, Chicago, Ill. Soap lather dispenser. 1,896,624; Feb. 7.
- Holle, Joseph, East Orange, N. J. Automobile heater. 1,921,466; Aug. 8.
- Holle, Joseph, East Orange, N. J. Oil temperature control apparatus. 1,925,805; Sept. 5.
- Holleman, Charles H., Akron, Ohio. Display rack. 1,922,892; Aug. 15.
- Hollenbach, Chas., Inc. (See Scheynost, Rudolph, assignor.)
- Holler, Karl, et al. (See Schless, Stefan, assignor.)

- Hollerith, Charles, Jackson, assignor, by mesne assignments, to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 1,897,805; Feb. 14.
- Hollerith, Charles, Jackson, Mich., assignor to Automotive Fan & Bearing Co. Positioning and securing fan blades. 1,898,628; Feb. 21.
- Hollerith, Charles, Jackson, Mich., assignor to Automotive Fan & Bearing Co. Positioning fan blades with accurate balance. 1,898,629; Feb. 21.
- Hollerith, Charles, Jackson, assignor, by mesne assignments, to Ternstedt Manufacturing Company, Detroit, Mich. Hood latch. 1,916,511; July 4.
- Hollerith, Herman, Jr., Riverton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier. 1,905,985; Apr. 25.
- Hollerith, Herman, Jr., Riverton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control means for radio apparatus. 1,914,018; June 13.
- Hollstelle, Jan H., assignor to The Kennedy Corporation, St. Louis, Mo. Rotary well drilling bit control. 1,900,932; Mar. 14.
- Holley, George M. (See Beard, Bert, assignor.)
- Holley, George M. (See Little, Thomas J., Jr., assignor.)
- Holley, George M., Detroit, Mich. Hot spot manifold. 1,896,085; Feb. 7.
- Holley Manufacturing Company. (See van Doren, Harold L., assignor.)
- Holley, Walter P., Montgomery, Ala. Storage bag. 1,900,814; Mar. 7.
- Holliday, Clarence, and C. H. Naber, assignors to N & H Spreaders, Inc., Hamburg, N. Y. Spreader. 1,913,160; June 6.
- Holliday, James B. (See McMinn, C. R., Robinson, and Holliday.)
- Hollings, Harold. (See Leech, W. J. B., Hay, Hollings, and Burton.)
- Hollingshead, Everett H., Dayton, Tex. Line marker. 1,918,103; July 11.
- Hollingshead, R. M. Co., The. (See Ellsworth, Carl F., assignor.)
- Hollingshead, Richard M., Jr., Riverton, N. J. Drive-in theater. 1,909,537; May 16.
- Hollingsworth, Carl W., Marshalltown, Iowa. Hand spray pump. 1,937,344; Nov. 28.
- Hollingsworth, Duncalf W., and L. W. Tarr, assignors to Continental-Diamond Fibre Company, Newark, Del. Indurated cellulosic product and making the same. 1,894,907; Jan. 17.
- Hollingsworth, Fred E., and E. W. Davis, Mexico, Mo. Switch. 1,927,440; Sept. 19.
- Hollingsworth, H. (See Becker, Adam, assignor.)
- Hollingsworth, Homer J., Lynwood, assignor to E. P. Halliburton, Los Angeles, Calif. Block and tackle system. 1,933,553; Nov. 7.
- Hollingsworth, Lowell M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing magnetic bodies. 1,904,233; Apr. 18.
- Hollingsworth, Maurice H., Miami Beach, Fla. Handling caulking compound and the like. 1,912,076; May 30.
- Hollingsworth, Maurice H., Miami Beach, Fla. Timepiece and automobile horn button. 1,925,188; Sept. 5.
- Hollins, Frederick E., Winchester, Mass. Card game adjunct. 1,913,671; June 13.
- Hollman, Peter I., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven burner. 1,908,668; May 9.
- Hollman, Peter I., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas burner. 1,916,572; July 4.
- Hollmann, Hans E., Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to American Telephone and Telegraph Company. Ultra-short-wave system. 1,921,187; Aug. 8.
- Hollnagel, Theodore C., Milwaukee, Wis. Automotive vehicle truck. 1,915,609; June 27.
- Hollos, August A., Toledo, Ohio. Anchor post. 1,894,401; Jan. 17.
- Hollos, August A., Toledo, Ohio. Anchor post. 1,907,811; May 9.
- Hollös, Zsigmond, Vienna, Austria. Driving mechanism for the wheels of divided swinging axles of motor vehicles or the like. 1,920,175; Aug. 1.
- Holloway, Halbert H., Los Angeles, Calif. Airplane construction. 1,920,507; Aug. 1.
- Holloway, John, Burnham, assignor of one-half to Thos. W. Ward, Limited, Sheffield, England. Compressor and the like. 1,930,011; Oct. 10.
- Holloway, John J., New Britain, and L. E. Linsley, Plainville, assignors to The Stanley Works, New Britain, Conn. Work holding device for grinding machines. 1,915,247; June 20.
- Holloway, Melville E. (See Mayhew, K. W., and Holloway.)
- Holloway, Mynard L., La Porte, Ind. Front wheel drive housing. 1,898,447; Feb. 21.
- Holloway, Mynard L., La Porte, and C. Stephenson, Hanna, Ind. Core box. 1,892,748; Jan. 3.
- Hollowell, James S., Cranford, assignor to Natural Products Refining Co., Jersey City, N. J. Kilm. 1,895,795; Jan. 31.
- Hollowell, Oliver H., Russellville, Ark. Trap. 1,895,714; Jan. 31.
- Hollywood Stars Manufacturing Co. (See Lanzillotti N. A., and Gaudio, assignors.)
- Holm, Alfred J., Bloomfield, N. J. Blue print rack. 1,910,993; May 23.
- Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Label picking mechanism. 1,901,101; Mar. 14.
- Holm, Ludwig. (See Arnold, H., and Holm.)
- Holm, Ludwig, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Housing of electrical switches or distribution boxes. 1,919,432; July 25.
- Holman, Arthur, Brookline, Mass. Objective for photographic and projection purposes. 1,913,389; June 13.
- Holman Brothers Limited. (See Rule, James, assignor.)
- Holman, Clinton F., Pontiac, Ill. Can opening device. 1,939,349; Dec. 12.
- Holman, Leslie A., Waltham, Mass. Framing plate holder for motion picture projectors. 1,897,477; Feb. 14.
- Holmberg, Albert W., Bloomfield, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Manufacture of adhesives. 1,932,624; Oct. 31.
- Holmberg, Albert W., and P. E. Rice, assignors to The Naugatuck Chemical Company, Naugatuck, Conn. Thickening latex and product thereof. 1,926,285; Sept. 12.
- Holmboe, Lawrence S., Oklahoma City, Okla. Shoring, jacking, and scaffolding. 1,932,072; Oct. 24.
- Holmdahl Monville, Oakland, Calif. Signaling device for automotive vehicles. 1,930,936; Oct. 17.
- Holmer, Erik M., Gottenborg, Sweden. Cardboard box. 1,892,983; Jan. 3.
- Holmes, Andrew E., Scarsdale, N. Y. Dispensing container. 1,938,181; Dec. 5.
- Holmes, Bradford B., Stonington, Conn. Refrigeration. 1,922,132; Aug. 15.
- Holmes, Bradford B., assignor to R. V. Holmes, Stonington, Conn. Automatic steering mechanism. 1,939,775; Dec. 19.
- Holmes, Christopher C., Los Angeles, Calif. Helicopter-aircraft. 1,892,949; Jan. 3.
- Holmes, Dwayne E., Green, Kans. Automatic device for draining liquids from containers. 1,912,843; June 6.
- Holmes, E. & B., Machinery Co. (See Elskamp, Martin, assignor.)
- Holmes, Edgar R. (See Little, H. M., and Holmes.)
- Holmes, Edgar R., and T. M. Shelton, assignors to The American Gyro Co., Denver, Colo. Propeller. 1,923,054; Aug. 15.
- Holmes, Edward H., assignor to Fort Pitt Malleable Iron Company, McKees Rocks, Pa. Clamping bracket. 1,918,843; July 18.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for narrow ware looms. 1,895,796; Jan. 31.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for narrow ware looms. 1,906,966; May 2.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loose reed for looms. 1,926,382; Sept. 12.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reed and backstay adjustment for looms. 1,926,383; Sept. 12.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom shuttle. 1,932,782; Oct. 31.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loose reed for looms. 1,937,407; Nov. 28.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby lever for looms. 1,941,005; Dec. 26.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Stopping and brake-applying mechanism for narrow ware looms. 1,941,006; Dec. 26.
- Holmes, Elbridge R., and O. V. Payne, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Dobby pattern chain. 1,904,312; Apr. 18.
- Holmes Electric Protective Company. (See Chase, Leland H., assignor.)
- Holmes, Ernest, Company. (See Holmes, Ernest W., assignor.)
- Holmes, Ernest W., assignor to Ernest Holmes Company, Chattanooga, Tenn. Automobile lift. 1,910,106; May 23.
- Holmes, Foster. (See Barks, F. S., and Holmes.)
- Holmes, Frederic E., St. Bernard, and A. O. Snoddy, Cincinnati, Ohio. Apparatus for producing activity or work by atmospheric conditions and displaying the same. 1,939,776; Dec. 19.
- Holmes, Frederick, assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Electricity meter service installation. 1,893,550; Jan. 10.
- Holmes, Frederick C. V. (See Adam, R. A., Holmes, and Perrins.)
- Holmes, Frederick J., assignor, by mesne assignments, to Rotary Holding Company, Detroit, Mich. Rotary valve. Re18,994; Nov. 14.
- Holmes, George A., Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Hair dressing appliance. 1,896,866; Feb. 7.
- Holmes, George A., Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Pin fastener. 1,902,447; Mar. 21.
- Holmes, George A., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Detachable button. 1,928,591; Sept. 26.

- Holmes, Grant, assignor to Robt. Holmes & Bros. Inc., Danville, Ill. Landing for mine cages. 1,896,362; Feb. 7.
- Holmes, Harleigh R., Littleton, Colo. Automobile. 1,906,601; May 2.
- Holmes, Harold A. (See Alsaker, A., and Holmes.)
- Holmes, Harold W., Detroit, Mich., assignor, by mesne assignments, to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Truing device. 1,940,214; Dec. 19.
- Holmes, Henry H. (See Wildt, E., and Holmes.)
- Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Knitting machine. 1,917,763; July 11.
- Holmes, Henry S., Brooklyn, N. Y., assignor to Metropolitan Engineering Company. Welding apparatus. 1,902,955; Mar. 28.
- Holmes, Henry S., assignor, by mesne assignments, to Metropolitan Engineering Company, New York, N. Y. Welding machine. 1,913,029; June 6.
- Holmes, Henry S., New York, assignor, by mesne assignments, to Metropolitan Engineering Company, Brooklyn, N. Y. Making pipe. 1,934,853; Nov. 14.
- Holmes, Henry S., Rockville Center, assignor, by mesne assignments, to Metropolitan Engineering Company, Brooklyn, N. Y. Producing axle housings and parts therefor. 1,934,854; Nov. 14.
- Holmes, Henry S., New York, assignor, by mesne assignments, to Metropolitan Engineering Company, Brooklyn, N. Y. Production of hollow articles. 1,935,152; Nov. 14.
- Holmes, James A., assignor to Regal Shoe Company, Whitman, Mass. Shoe. 1,908,293; May 9.
- Holmes, Jesse H., assignor to Thomas Young Nurseries, Inc., Bound Brook, N. J. Display of cut flowers. 1,904,788; Apr. 18.
- Holmes, John H., Morpeth, Northumberland, England. Staple and tool to facilitate its application. 1,914,256; June 13.
- Holmes, John H., Heatherlea, Rothbury, England. Staple driving tool. 1,914,257; June 13.
- Holmes, John R. (See Darrah, C. W., and Holmes.)
- Holmes, John R. (See Lloyd, H. W., and Holmes.)
- Holmes, John R., assignor to Harrison Radiator Corporation, Lockport, N. Y. Radiator. 1,906,376; May 2.
- Holmes, John R., assignor to Harrison Radiator Corporation, Lockport, N. Y. Foot rail car heater. 1,906,377; May 2.
- Holmes, Julius F. (See Martin, Stephen M., assignor.)
- Holmes, Louis W., Medora, Ind. Stove or furnace construction. 1,931,959; Oct. 24.
- Holmes, Mathew. (See Edmondson, R. S., and Holmes.)
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,902,446; Mar. 21.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling mechanism. 1,903,648; Apr. 11.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,911,897; May 30.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,914,503; June 20.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,914,504; June 20.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,914,505; June 20.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,922,293; Aug. 15.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,924,552; Aug. 29.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 1,926,047; Sept. 12.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,929,426; Oct. 10.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling mechanism. 1,933,589; Nov. 7.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,940,799; Dec. 26.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,941,007; Dec. 26.
- Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,941,008; Dec. 26.
- Holmes, Oliver W., Long Beach, Calif. Conveyor for self serving restaurants. 1,933,554; Nov. 7.
- Holmes, Ralph S. (See Carlson, W. L., and Holmes.)
- Holmes, Ray D. (See Britton, E. C., and Holmes.)
- Holmes, Raymond J., assignor to Boston Machine Works Company, Lynn, Mass. Seam pressing machine. 1,929,380; Oct. 3.
- Holmes, Robt., & Bros. Inc. (See Holmes, Grant, assignor.)
- Holmes, Ruth V. (See Holmes, Bradford B., assignor.)
- Holmes, Samuel A., Berkeley, Calif. Concrete anchoring device. 1,940,545; Dec. 19.
- Holmes, W. C., and Company. (See Hodsman, H. J., and Taylor, assignors.)
- Holmes, Walter C., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 1,905,289; Apr. 25.
- Holmes, Walter C., Woodbury, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 1,927,832; Sept. 26.
- Holmes, William. (See Black, H., Holmes, and Hesse.)
- Holmgren, Julius H., San Antonio, Tex. Water hose cabinet for filling stations. 1,928,178; Sept. 26.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on lasts. 1,908,356; May 9.
- Holmgren, Eric A., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 1,931,445; June 13.
- Holmgren, Frank A., Minneapolis, Minn. Mail box alarm. 1,911,621; May 30.
- Holmquist, Albert, Holmquist, S. Dak. Mixing machine. 1,917,119; July 4.
- Holmquist, Albert, Holmquist, S. Dak. Agitator. 1,940,752; Dec. 26.
- Holmström, Johan G., Stockholm, Sweden. Radiotelegraph system. 1,899,196; Feb. 28.
- Holophane Company, Inc. (See Dorey, William A., assignor.)
- Holophane Company. (See English, Solomon, assignor.)
- Holophane Company. (See Exelmans, Maurice, assignor.)
- Holophane Company, Inc. (See Rolph, Thomas W., assignor.)
- Holophane Company. (See Tuck, Davis H., assignor.)
- Holroyd, John, & Company Limited. (See Walker, Harry, assignor.)
- Hölscher, Fritz, Longerich, Germany. Machine for making square-bottomed paper bags with stepwisely fed paper tubes. 1,914,019; June 13.
- Holsenbeck, William D., Olney, assignor of one-fifth to J. C. Hirschfeld, Chicago, and one-fifth to J. J. Hirschfeld, Champaign, Ill. Pressure operated switch. 1,911,118; May 23.
- Holst, Gilles, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Gas filled discharge tube. 1,905,713; Apr. 25.
- Holst, Gilles, Eindhoven, Netherlands, assignor to Radio Corporation of America. Loud speaker. 1,908,513; May 9.
- Holst, Gilles, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube for emitting rays. 1,930,097; Oct. 10.
- Holst, Gilles, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Gasfilled incandescent cathode discharge tube. 1,935,846; Nov. 21.
- Holst, Gilles, and H. Rinia, Eindhoven, Netherlands, assignors to Radio Corporation of America. Glow discharge tube. 1,915,934; June 27.
- Holst, Gilles, R. Shepherd, and P. H. A. van Lis, Eindhoven, Netherlands, assignors to Radio Corporation of America. Diaphragm and coil support. 1,906,066; Apr. 25.
- Holst, Gilles, and B. van der Pol, Eindhoven, Netherlands, assignors to Radio Corporation of America. Electron discharge tube. 1,931,987; Oct. 24.
- Holst, Lodewyk J. R. (See Baker, F., Jr., and Holst.)
- Holst, Lodewyk J. R., Brookline, Pa. Making maps from photographs. 1,894,953; Jan. 24.
- Holst, Lodewyk J. R., Brookline, Pa. Method of and apparatus for producing motion pictures. 1,928,623; Oct. 3.
- Holst, Lodewyk J. R., Brookline, Pa., assignor to The S. M. H. Corporation, Dover, Del. Apparatus for producing motion pictures. 1,928,255; Sept. 26.
- Holstein, Adolph M., Syracuse, N. Y. Frictionally securing two parts together. 1,903,457; Apr. 11.
- Holstein, Sol, assignor to Sterling Button Co., Inc., New York, N. Y. Belt. Des. 89,190; Feb. 7.
- Holstein, William, Beacon, assignor to New York Rubber Corporation, New York, N. Y. Hose nipple. 1,911,570; May 30.
- Holsten, Hermann. (See Guenther, F., Holsten and Safften.)
- Holstrum, Walter. (See Rendelman, J., and Holstrum.)
- Holt, Charles K., and J. B. Merritt, Santa Barbara, Calif. Drill bit. 1,913,550; June 13.
- Holt, Frank. (See Kakaska, Henry W., assignor.)
- Holt, Fred. (See Bennett, N., Dodd, Sprent, and Holt.)
- Holt, Grover J., Crosby, R. O. Hocking, Nashwaak, A. E. Matson, Hibbing, and A. K. Knickerbocker, deceased, by F. D. Butler, special administrator, assignors to The Reclamation Company, St. Paul, Minn. Ore conditioning process. 1,901,102; Mar. 14.
- Holt, Grover J., Crosby, R. O. Hocking, Nashwaak, A. E. Matson, Hibbing, and A. K. Knickerbocker, deceased, by F. D. Butler, St. Paul, Minn. special administrator. Ore conditioning process. 1,939,119; Dec. 12.
- Holt, Harold, Philadelphia, Pa. Curtain. 1,939,499; Dec. 12.
- Holt, Hermann, Berlin-neu-Westend, assignor to Gesellschaft für Elektrische Apparate, Marienfelde, near Berlin, Germany. Ship stabilizer. 1,894,272; Jan. 17.
- Holt, Laurence B., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Forming sinkers for knitting machines. 1,923,827; Aug. 22.
- Holt, Pliny E. (See Vachon, Lewis W., assignor.)

- Holt, Robert W., assignor, by mesne assignments, to Franklin M. Warden, Chicago, Ill. Welding. 1,923,375; Aug. 22.
- Holt, Thomas W., Elkhart, Ind., assignor, by mesne assignments, to The Syracuse Trust Company, Syracuse, N. Y. Window and curtain guide construction. 1,940,625; Dec. 19.
- Holt, Thomas W., Elkhart, Ind., and R. T. Axe, Syracuse, N. Y., assignors to Excel Curtain Company, Elkhart, Ind. Automobile door and window construction. 1,928,056; Sept. 26.
- Holt, Walter E., Dover, Del. Oil burner foot. 1,933,670; Nov. 7.
- Holt, William A., Mebane, N. C. Helical connector. 1,901,747; Mar. 14.
- Holter, Norman F. (See Barrett, L. J., and Holter.)
- Holthe, John, Stratford, Conn. Cartridge. 1,899,618; Feb. 28.
- Holtie Manufacturing Company. (See Esterson, Albert A., assignor.)
- Holton, William H., Paducah, Ky., assignor to Franklin Railway Supply Company, New York, N. Y. Lubricator. 1,934,066; Nov. 7.
- Holtson, James B., Towson, Md. Swivel elbow joint. 1,908,843; May 16.
- Holtz, Frederick C., and F. Kurz, assignors to Sangamo Electric Company, Springfield, Ill. Motor. 1,933,590; Nov. 7.
- Holtz, Frederick C., and F. Kurz, assignors to Sangamo Electric Company, Springfield, Ill. Motor. 1,933,591; Nov. 7.
- Holtz, Frederick C., and K. W. Struck, assignors to Sangamo Electric Company, Springfield, Ill. Clock. 1,908,148; May 9.
- Holtzclaw, Charles E., Canton, N. C. Razor blade honing device. 1,928,057; Sept. 26.
- Holtzer-Cabot Electric Company, The. (See Durbin, Vernon, assignor.)
- Holtzer-Cabot Electric Company, The. (See Durbin, V., and Baker, assignors.)
- Holtzer-Cabot Electric Company, The. (See Kennedy, Carlton L., assignor.)
- Holtzer-Cabot Electric Company, The. (See Schirmer, Cyrus T., assignor.)
- Holtzman, John. (See Vlahov, George, assignor.)
- Holtzman, John, New York, N. Y. Razor blade holder. 1,895,286; Jan. 24.
- Holtzman, John, New York, assignor of one-half to Max D. Ordman, Brooklyn, N. Y. Fountain pen. 1,895,850; Jan. 31.
- Holtzman, John, assignor of one-half to B. Roman, New York, N. Y. Automobile steering wheel lock. 1,933,113; Oct. 31.
- Holub, Charles J., assignor to W. E. Lamneck Company, Columbus, Ohio. Laundry drier. 1,940,626; Dec. 19.
- Holveck, Joseph E., Pittsburgh, Pa. Pump. 1,894,869; Jan. 17.
- Holveck, Joseph E., Pittsburgh, Pa. Hydropneumatic accumulator. 1,937,149; Nov. 28.
- Holvoord, Albert, Augusta, Mich. Scaffolding. 1,896,688; Feb. 7.
- Holy Family Hospital. (See Forst, John F., assignor.)
- Holz, August, Irvington, N. J. Converting potassium chloride into potassium sulphate. 1,922,682; Aug. 15.
- Holzach, Karl, Ludwigshafen-on-the-Rhine, and G. von Rosenberg, Mannheim, Germany, assignors to General Aniline Works Inc., New York, N. Y. Azo dyestuffs and complex metal compounds thereof. 1,893,646; Jan. 10.
- Holzappel, George L., Palos Verdes Estates, assignor to Richfield Oil Company of California, Los Angeles, Calif. Pressure reducing valve. 1,912,479; June 6.
- Holzappel, George L., Palos Verdes Estates, assignor to Richfield Oil Company of California, Los Angeles, Calif. Fuel system for internal combustion engines. 1,931,698; Oct. 24.
- Holzman, Paul A. (See Miller, Henry R., assignor.)
- Holzschub, William G., Rochester, N. Y. Apparatus for making inflammable gas. 1,926,589; Sept. 12.
- Holzwarth Gas Turbine Co. (See Hofmann, Friedrich, assignor.)
- Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
- Holzwarth Gas Turbine Co. (See Noack, Walter G., assignor.)
- Holzwarth Gas Turbine Co. (See Schaper, Georg, assignor.)
- Holzwarth Gas Turbine Co. (See Sedlmeir, Michael, assignor.)
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Apparatus for operating explosion turbines with solid fuel. 1,897,478; Feb. 14.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine plant for ships. 1,899,963; Mar. 7.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Nozzle channel construction for explosion turbines. 1,900,558; Mar. 7.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine. 1,900,815; Mar. 7.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Multi-stage constant volume explosion process and apparatus. 1,901,873; Mar. 21.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine. 1,903,292; Apr. 4.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Nozzle valve for explosion turbines. 1,914,339; June 13.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Hydraulically controlled transfer valve. 1,914,340; June 13.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Portable power plant. 1,917,714; July 11.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Power plant. 1,920,142; July 25.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine plant. 1,920,143; July 25.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Arrangement of nozzle valve for explosion turbines. 1,924,719; Aug. 29.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine plant. 1,929,428; Oct. 10.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Combustion turbine. 1,931,545; Oct. 24.
- Holzwarth, Hans, East Orange, N. J., assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion turbine power plant. 1,929,427; Oct. 10.
- Homan, Ralph W., assignor to The Magee Carpet Co., Bloomsburg, Pa. Machine for selecting and spooling yarns for Axminster looms. 1,928,724; Oct. 3.
- Homand, Leo H., assignor to The New Process Casting Company, Baltimore, Md. Cooling mold. 1,910,015; May 23.
- Home Food Company. (See Bubb, Harry A., assignor.)
- Home, Hugo, Essen-Ruhr, Germany. Shock absorber for vehicles. 1,893,800; Jan. 10.
- Homer, John W., Greencastle, assignor to T. B. Wood's Sons Company, Chambersburg, Pa. Belt tightener. 1,901,557; Mar. 14.
- Homer, William J., Hinsdale, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Condenser. 1,924,435; Aug. 29.
- Homerberg, Victor O. (See De Fries, H. A., and Homerberg.)
- Homing, George D., Washington, D. C. Arch support. 1,895,327; Jan. 24.
- Hommel, O., Company, The. (See Dougherty, William E., assignor.)
- Honan, Edward M. (See Dixon, J. B., and Honan.)
- Honegger, Irving C., Houston, Tex., assignor to Aluminum Company of America, Pittsburgh, Pa. Protecting concrete while setting. 1,909,177; May 16.
- Honegger, Irving C., Houston, Tex., assignor to Aluminum Company of America, Pittsburgh, Pa. Attaching metal foil to a surface. 1,909,862; May 16.
- Honey, Alfred E., Ilford, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 1,922,294; Aug. 15.
- Honeycutter, Alva C. (See McEwen, H. W. and Balmer, assignor.)
- Honeywell, Harry E., Clayton, Mo. Air brake. 1,940,950; Dec. 26.
- Hönig, Edgar, Berlin, Germany. Building for industrial purposes. 1,914,857; June 20.
- Hönig, Martin, Berlin, Germany, assignor to General Electric Company. Diaphragm for acoustic devices. 1,939,447; Dec. 12.
- Hönig, Morris, New York, N. Y. Fire ladder. 1,936,195; Nov. 21.
- Honigbaum, Harry H., Richmond Hill, N. Y. Composition shingle. 1,893,028; Jan. 3.
- Honigbaum, Harry H., New York, N. Y. Smoker's article. 1,916,729; July 4.
- Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for supplying glass to suction machines. 1,916,666; July 4.
- Honn, Harlan V., San Francisco, Calif. Internal combustion engine. 1,896,174; Feb. 7.
- Honnay, Charles, Tieff, Belgium. Low temperature carbonization oven. 1,928,537; Sept. 26.
- Honold, Ernst. (See Kalischer, G., Honold, Klingenstein, and Dobmaier.)
- Honold, Ernst, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. New vat dyestuff of the anthraquinone series. 1,897,430; Feb. 14.
- Honold, Ernst, Frankfurt-on-the-Main-Fechenheim, and G. Bochner, Friedrichsfeld in Baden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Making nitrogenous vat dyestuffs of the acridine series. 1,903,181; Mar. 28.
- Honold, Ernst, Frankfurt-on-the-Main-Fechenheim, and K. Weinand, Cologne-Flittard, Germany, assignors to General Aniline Works Inc., New York, N. Y. Wool dyestuffs of the anthraquinone series and making same. 1,928,725; Oct. 3.

- Honold, Ernst, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Nitrogenous vat dyestuffs. 1,936,716; Nov. 28.
- Honsberg, Werner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electrolytic cell. 1,907,812; May 9.
- Hoobler, Elba V., Waterville, Ohio. Knee kicker. 1,919,840; July 25.
- Hoobler, Vernon F., Cleveland, Ohio. Nursing bottle support. Des. 90,488; Aug. 15.
- Hood Rubber Company. (See Cate, Malcolm S., assignor.)
- Hood Rubber Company. (See Glidden, A. A., and Knowland, assignors.)
- Hood Rubber Company. (See Glidden, A. A., Knowland, and Burnham, assignors.)
- Hoody, George J. (See Erickson, E., and Hoody.)
- Hoey, William C., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of pigments by wet-precipitation. 1,896,312; Feb. 7.
- Hoof, Addison C., Hinsdale, assignor to The Continental Illinois Bank and Trust Company, Chicago, Ill. Governor. 1,910,899; May 23.
- Hooper, Charles F., Chicago, Ill. Air control for pneumatic lubricating systems. 1,907,813; May 9.
- Hooper, Charles F., Chicago, Ill. Price card holder. 1,938,965; Dec. 12.
- Hoofnagle, William T. (See Gilchrist, W. L., and Hoofnagle.)
- Hoogendorn, Cornelius, Seattle, Wash. Waterproof housing for spark plugs. 1,912,980; June 6.
- Hoogendyk, Frederik V. R., New York, N. Y. Bed reader. 1,916,667; July 4.
- Hook, Arley U., and E. J. Dumm, Upper Sandusky, Ohio; said Hook assignor to said Dumm. Clutch member. 1,899,274; Feb. 28.
- Hook, Augustus O., Boston, Mass. Inkwell. 1,898,053; Feb. 21.
- Hook, Reuben E., Lewistown, Pa. Shingle cutter. 1,918,104; July 11.
- Hooker, Edward St. Louis, Mo. Display-rack. Des. 90,660; Sept. 12.
- Hooker Electrochemical Company. (See Marsh, William J., assignor.)
- Hooker Electrochemical Company. (See Rowland, Jasper M., assignor.)
- Hookless Fastener Company. (See Corner, George H. C., assignor.)
- Hookless Fastener Company. (See Craig, William D., assignor.)
- Hookless Fastener Company. (See Gilmore, William L., assignor.)
- Hookless Fastener Company. (See Houghton, Harry E., assignor.)
- Hookless Fastener Company. (See Murphy, Charles B., assignor.)
- Hookless Fastener Company. (See Nicholson, Robert H., assignor.)
- Hookless Fastener Company. (See Norton, Samuel H., assignor.)
- Hookless Fastener Company. (See Perrault, Joseph E., assignor.)
- Hookless Fastener Company. (See Piehl, Henry J., assignor.)
- Hookless Fastener Company. (See Poux, Roland J., assignor.)
- Hookless Fastener Company. (See Schachat, Abraham B., assignor.)
- Hookless Fastener Company. (See Sipe, Harry E., assignor.)
- Hookless Fastener Company. (See Smith, Roscoe J., assignor.)
- Hookless Fastener Company. (See Sundback, Gideon, assignor.)
- Hookless Fastener Company. (See Yengst, Charles R., assignor.)
- Hooley, John W., Larchmont, N. Y. Insulated bushing for cables in conduits. 1,935,561; Nov. 14.
- Hooley, John W., Larchmont, assignor to Hixley Electric Company, New York, N. Y. Supporting and insulating connection for electric conductors. Re18,880; June 27.
- Hooper, Charles W. (See Pitkin, G. P., and Hooper.)
- Hooper, Elmer A., assignor to The McCathron Boiler Works Co., Inc., Bridgeport, Conn. Heating boiler. 1,930,851; Oct. 17.
- Hooper, Elmer A., assignor to The McCathron Boiler Works Co., Inc., Bridgeport, Conn. Heating boiler. 1,937,117; Nov. 28.
- Hooper, Henry Y., Montclair, assignor to J. H. Balmer Company, Newark, N. J. Fixture attaching device. 1,915,230; June 20.
- Hooper, I. F., Saugus, B. F. Niedergesass, and P. K. Devers, Lynn, Mass., assignor to General Electric Company. Machine and method of shaping silica and the like. 1,914,205; June 13.
- Hooper, Vernon F., Ossining, assignor to Lord & Burnham Co., Irvington, N. Y. Sash actuating device. 1,915,261; June 20.
- Hoopes, Ernest A., Des Moines, Iowa. Electric switch. 1,900,647; Mar. 7.
- Hoopes, James E., Chagrin Falls, and E. Shoulter, Bridgeport, Ohio; said Shoulter assignor to said Hoopes. Fuel supply tank. 1,924,741; Aug. 29.
- Hoople, Charles I., Honolulu, Hawaii. Antiglare shield. 1,913,277; June 6.
- Hoos, Benjamin G. (See Schur, M. O., and Hoos.)
- Hooton, Joseph H., Englewood, assignor to Nixon Nitration Works, Nixon, N. J. Forming decorative plastic material. 1,936,980; Nov. 28.
- Hootz, Herbert. (See Endres, W., and Hootz.)
- Hooven, C. E. (See Evans, Kelley D., assignor.)
- Hoover, Bruce W., Oakland, Calif. Service station. Des. 89,937; May 16.
- Hoover, Charles O., San Antonio, Tex. Removing acid sludge from viscous hydrocarbon oil. 1,896,583; Feb. 7.
- Hoover, Clair G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making pneumatic tires. 1,915,668; June 27.
- Hoover, Claude A. (See Stevenson, George, assignor.)
- Hoover Company, The. (See Altenkirch, Edmund, assignor.)
- Hoover Company, The. (See Babcock, Earl, assignor.)
- Hoover Company, The. (See Ballou, Harry R., assignor.)
- Hoover Company, The. (See Becker, Bernard C., assignor.)
- Hoover Company, The. (See Blake, Benjamin F., assignor.)
- Hoover Company, The. (See Broeske, Paul R., assignor.)
- Hoover Company, The. (See Butzer, Eugene, assignor.)
- Hoover Company, The. (See Case, Francis M., assignor.)
- Hoover Company, The. (See Davidson, Walter C., assignor.)
- Hoover Company, The. (See Demaree, Harry S., assignor.)
- Hoover Company, The. (See Fairfax, Howard G., assignor.)
- Hoover Company, The. (See Hampson, Edward A., assignor.)
- Hoover Company, The. (See Harding, Wilfred M., assignor.)
- Hoover Company, The. (See Hoover, Howard E., assignor.)
- Hoover Company, The. (See Kitto, William H., assignor.)
- Hoover Company, The. (See Kitto, W. H., and Roshong, assignors.)
- Hoover Company, The. (See Kohler, John H., assignor.)
- Hoover Company, The. (See Lowry, M. F., and Harding, assignors.)
- Hoover Company, The. (See Mellen, William H., assignor.)
- Hoover Company, The. (See Nelson, Rudolph S., assignor.)
- Hoover Company, The. (See Purdy, Harold C., assignor.)
- Hoover Company, The. (See Scholl, Paul, assignor.)
- Hoover Company, The. (See Sellers, William D., assignor.)
- Hoover Company, The. (See Shank, Charles L., assignor.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hoover Company, The. (See Smellie, D. G., White and Nulsen.)
- Hoover Company, The. (See Tucker, Wilmer H., assignor.)
- Hoover Company, The. (See Vine, Howard L., assignor.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hoover Company, The. (See Willis, Olo C., assignor.)
- Hoover, Edward M., Anderson, Ind. Clay products processing machine. 1,935,319; Nov. 14.
- Hoover, Francis M., Cincinnati, Ohio. Toy. 1,933,015; Oct. 31.
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,904,974; Apr. 18.
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,928,937; Oct. 3.
- Hoover, Howard E., Glencoe, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,936,761; Nov. 28.
- Hoover, James F., Duncan, Okla. Vending machine. 1,939,120; Dec. 12.
- Hoover, Jay F. (See Dodrill, Delbert C., assignor.)
- Hoover, Kenneth H., Chicago, Ill., assignor to Association of American Soap and Glycerine Producers, New York, N. Y. Cyclic acetals and preparing same. 1,934,309; Nov. 7.
- Hoover, Luther H., Waukesha, Wis. Letter holder for mail boxes. 1,928,378; Sept. 26.
- Hoover, Martin M., Hagerstown, Ind. Collapsible ladder. 1,912,138; May 30.
- Hoover, Ray B., Oak Park, assignor to Shafer Bearing Corporation, Chicago, Ill. Antifriction bearing. 1,901,967; Mar. 21.
- Hoover Steel Ball Company. (See Lighthall, Cone W., assignor.)
- Hoover Steel Ball Company. (See Pew, Thomas C., assignor.)
- Hope, Ernest, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading and scouring roll. 1,917,303; July 11.
- Hope, Henry & Sons Limited. (See Garratt, Hector H., assignor.)
- Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Paper napkin dispensing cabinet. 1,930,805; Oct. 17.
- Hope, Samuel N., Wauwatosa, and P. Drath, assignors to Griffith-Hope Company, West Allis, Wis. Sheet dispensing cabinet. 1,914,666; June 20.
- Hoepck Manufacturing Company. (See Brucks, Arthur C., assignor.)

- Hopf, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 1,929,587; Oct. 10.
- Hopf, Paul, Berlin-Lichterfelde, Germany. Producing cutting and grinding tools. 1,935,798; Nov. 21.
- Hopff, Heinrich. (See Mark, H., and Hopff.)
- Hopfield, John J., Chicago, Ill. Charging rod. 1,927,548; Sept. 19.
- Hopfield, John J., West Lafayette, assignor to Purdue Research Foundation, Lafayette, Ind. Line image producer. 1,899,804; Feb. 28.
- Hopkins, Arthur G. (See Buschman, S. L., and Hopkins.)
- Hopkins, Alexander, and G. Thompson, assignors of one-half to said Hopkins and one-half to G. W. Cooper, New York, N. Y. Preparing and setting tiles and similar articles. 1,939,815; Dec. 19.
- Hopkins, Cecil W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,766; Dec. 12.
- Hopkins, Cecil W., Cincinnati, Ohio, and J. E. Caster, Covington, Ky., assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,932,969; Oct. 31.
- Hopkins, Charles, Detroit, Mich. Power-operated bumping tool for sheet metal. 1,934,979; Nov. 14.
- Hopkins, Edwin, New York, N. Y. Re-vocalized phonograph record. 1,906,124; Apr. 25.
- Hopkins, Eugene, Glen Cove, N. Y. Automatic tire pump. 1,894,908; Jan. 17.
- Hopkins, Eugene, Glen Cove, N. Y. Vehicle brake. 1,939,701; Dec. 19.
- Hopkins, Frank H., Bridgeport, Conn., assignor to Consolidated Ashcroft Hancock Company, New York, N. Y. Pop safety valve. 1,925,323; Sept. 5.
- Hopkins, George H. (See Garner, H. H., Nohave, and Hopkins.)
- Hopkins, George P. (See Quinby, E. J., and Hopkins.)
- Hopkins, Giles E., Arlington, Mass., assignor to Bigelow-Sanford Carpet Co. Inc. Mass testing machine. 1,931,925; Oct. 24.
- Hopkins, Harris F. (See Blattner, D. G., and Hopkins.)
- Hopkins, Horace H., Ridley Park, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Floor covering and making same. 1,912,200; May 30.
- Hopkins, James G. (See Mosher, Evert, assignor.)
- Hopkins, John G., R. F. Thurlow, and R. S. Feeley, Syracuse, N. Y. Machine and method for making trial designs for woven articles. 1,910,219; May 23.
- Hopkins, Matthews S., jr., Washington, D. C. Amplification of radiant energy. 1,920,863; Aug. 1.
- Hopkins, Ralph Z., and E. F. Seger, assignors to Hudson Motor Car Company, Detroit, Mich. Stripping device for automobile bodies. 1,915,317; June 27.
- Hopkins, Ralph Z., and E. F. Seger, assignors to Hudson Motor Car Company, Detroit, Mich. Stripping device. 1,915,419; June 27.
- Hopkins, Ralph Z., and E. F. Seger, assignors to Hudson Motor Car Company, Detroit, Mich. Stripping device. 1,915,420; June 27.
- Hopkins, Ralph Z., A. E. Fellers, and G. T. Davey, assignors to Hudson Motor Car Company, Detroit, Mich. Brake testing machine. 1,909,827; May 16.
- Hopkins, Ralph Z., A. E. Fellers, and H. D. Raymond, assignors to Hudson Motor Car Company, Detroit, Mich. Oil or gas burner. 1,914,567; June 20.
- Hopkins, Robert K., St. George, assignor to The M. W. Kellogg Company, New York, N. Y. Method and machine for rolling fins on tubes. 1,901,516; Mar. 14.
- Hopkins, Robert K., St. George, Staten Island, assignor to The M. W. Kellogg Company, New York, N. Y. Tube rolling apparatus. 1,922,622; Aug. 15.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic control for photographic recording machines. 1,897,903; Feb. 14.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Document photographing apparatus. 1,900,878; Mar. 7.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for handling discrete documents. 1,908,845; May 16.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Document conveyor for photographic apparatus and control therefor. 1,912,708; June 6.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera and magazine construction. 1,933,807; Nov. 7.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera construction. 1,935,210; Nov. 14.
- Hopkins, Selden G., Washington, D. C., assignor to MacElhone Methods, Inc., Binghamton, N. Y. Ice cream cone. 1,893,941; Jan. 10.
- Hopkins, Thomas D., Montgomery, Ala. Dental implement. 1,925,981; Sept. 5.
- Hopkins, Thomas D., Montgomery, Ala. Automatic cut-off switch. 1,925,982; Sept. 5.
- Hopkinson, Ernest, New York, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Manufacture of fibrous sheet material. 1,897,479; Feb. 14.
- Hopkinson, Harry, and J. G. Britton, Lansdowne, assignors of one-third to T. R. Williams, Scranton, Pa. Plastic composition. 1,902,803; Mar. 21.
- Hopkinson, Joseph, Paris, France, and E. Kaun, Sindelfinger, Germany, assignors to Dayton Scale Company, Dayton, Ohio. Dashpot. 1,909,582; May 16.
- Hopkinson, Russell, New York, N. Y. Gear changing mechanism. 1,915,093; June 20.
- Hopkinsons Limited. (See Millington, David, assignor.)
- Hopmeier, Fritz. (See Munkert, Emil, assignor.)
- Hopp, George, et al. (See Hopp, Leo, assignor.)
- Hopp, George, New York, N. Y. Blind. 1,910,335; May 23.
- Hopp, Leo, New York, N. Y., and W. Dill, Newark, N. J. Price ticket holder. 1,940,254; Dec. 19.
- Hopp, Leo, assignor of one-half to H. Gold and one-half to G. Hopp, New York, N. Y. Price ticket holder. 1,924,858; Aug. 29.
- Höpp, Wilhelm, Heiligensee, Germany, assignor to General Electric Company. Circuit breaker. 1,934,467; Nov. 7.
- Höpp, Wilhelm, Heiligensee, Germany, assignor to General Electric Company. Circuit controller. 1,939,448; Dec. 12.
- Hoppe, Arthur, River Edge, N. J., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Finger ring. Des. 89,698; Apr. 25.
- Hoppe, Friedrich A. (See Petersen, W. F., and Hoppe.)
- Hoppe, Oscar, Rorschach, Switzerland. Milling or cutting machine. 1,905,382; Apr. 25.
- Hoppe, Otto F., Frankfort-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,920,643; Aug. 1.
- Hoppe, Walter H. (See Hailes, W. D., and Hoppe.)
- Hoppe, Walter H., assignor to General Railway Signal Company, Rochester, N. Y. Polarized relay. 1,918,473; July 18.
- Hoppenstand, David, Seattle, Wash. Gear-shifting mechanism. 1,933,908; Nov. 7.
- Hopper, Francis L., Pasadena, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Apparatus for measuring reverberation time. 1,907,112; May 2.
- Hopper, Frederick A., et al. (See Leas, Warren R., assignor.)
- Hoppes, John J., Springfield, Ohio. Tube cleaner. 1,898,727; Feb. 21.
- Hopple, Ernest R., Logansport, Ind. Combined ash tray and pipe cleaner. 1,932,625; Oct. 31.
- Hopson, Abigail B., et al., trustees. (See Green, Samuel M., assignor.)
- Hopson, Harry B., et al., trustee. (See Green, Samuel M., assignor.)
- Hopstock, Frantz P. (See Aagaard, T. B., Samdahl, and Hopstock.)
- Hopwood, John M. (See Butzler, Edward W., assignor.)
- Hopwood, John M. (See Donaldson, R. R., jr., and Butzler, assignors.)
- Hopwood, John M. (See Hall, R. E., and Jackson.)
- Hopwood, John M. (See Peebles, Thomas A., assignor.)
- Hopwood, John M. (See Smith, George W., assignor.)
- Horak, Anton, Chicago, Ill. Collapsible boat. 1,932,245; Oct. 24.
- Horan, Jeremiah, New York, N. Y. Gauge and guide for layering butter. 1,932,626; Oct. 31.
- Horbach, Fred J., Anaheim, Calif., assignor to Safety Sales Company. Coupling. 1,909,058; May 16.
- Horbach, Peter, Dusseldorf-Eller, and K. Simoneit, assignors to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Apparatus for rolling seamless hollow bodies. 1,936,019; Nov. 21.
- Horch, Rudolf, Radeberg in Saxony, Germany. Apparatus for maintaining the temperature of a fermenting liquid. 1,937,226; Nov. 28.
- Horgan, George D. (See Molins, W. E., and Horgan.)
- Horgan, George D., Deptford, London, England. Cigarette packing machine. 1,939,500; Dec. 12.
- Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Railway car truck and journal box. 1,921,882; Aug. 8.
- Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Plain-roller bearing journal box. 1,921,883; Aug. 8.
- Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Interchangeable journal box. 1,921,884; Aug. 8.
- Horii, Shinjiro, Tokyo, Japan. Manufacturing files for stencilizing stencil sheets. 1,892,984; Jan. 3.
- Horne, Harold, Hollister, Mo. Apparatus for making jars from concrete. 1,914,853; June 20.
- Horne, Irving, assignor to The Mengel Company, Louisville, Ky. Method of and apparatus for making flexible veneer. 1,902,032; Mar. 21.
- Horix Manufacturing Company. (See Gaynor, John J., assignor.)
- Horlacher, Carl P. (See Baumann, A., and Horlacher.)
- Horle, Lawrence C. F., Newark, N. J. Inductive coupling arrangement for electron tube circuits. 1,917,204; July 4.
- Horle, Lawrence C. F., Newark, N. J. Antenna system for sleet melting, and conductor therefor. 1,917,205; July 4.
- Horlick, William, jr., Racine, Wis. Hand protector. 1,929,494; Oct. 10.
- Hormel, August, Hoboken, N. J. Apparatus for feeding metal plates. 1,914,806; June 20.
- Hormel, Geo. A., & Company. (See Halvorson, H. O., Murray, and Schmitz, assignors.)
- Hormes, William T., Baltimore, Md. Pilaster. 1,927,344; Sept. 19.

- Horn, A. C., Company. (See Levy, N. R., and Dollin, assignors.)
- Horn, A. C., Sales Corporation. (See Harlow, W. L., and Everingham, assignors.)
- Horn, Charles W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Filter system. 1,916,424; July 4.
- Horn, Emil A., Jamaica, assignor to Russell & Stoll Company, Inc., New York, N. Y. Electrical connector. 1,903,715; Apr. 11.
- Horn, Emil A., Jamaica, assignor to Russell & Stoll Company, New York, N. Y. Illuminating unit for swimming pools. 1,909,404; May 16.
- Horn, George, Milwaukee, Wis. Timing device for coin-operated radios. 1,941,353; Dec. 26.
- Horn and Hardart Baking Company. (See Cramer, Albert M., assignor.)
- Horn & Hardart Baking Co. (See Early, Thomas F., assignor.)
- Horn & Hardart Baking Co. (See Lowther, Leonard W., assignor.)
- Horn, Harold R., Cincinnati, Ohio. Weather stripping. 1,910,695; May 23.
- Horn, Harry J. (See Hunt, J. H., and Horn.)
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Combined tension and compression spoke wire wheel. 1,910,164; May 23.
- Horn, Oskar, Vienna, Austria. Holder or support for telephone instruments. 1,939,449; Dec. 12.
- Horn, Robert W. P., Allentown, and J. H. Nissley, Manheim, Pa. Method and apparatus for burning cement. 1,898,776; Feb. 21.
- Hornack, Robert B., Chicago, Ill. Soldering iron. 1,928,129; Sept. 26.
- Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Power cut-off. 1,907,814; May 9.
- Hornbruch, Frederick W., Roselle Park, assignor to American Gas Furnace Company, Elizabeth, N. J. Gas controlled valve operated by suction. 1,908,357; May 9.
- Hornbuckle, William P., and R. F. Craig, Stanley, N. C. Drying and extracting machine. 1,910,016; May 23.
- Hornbuckle, William P., and R. F. Craig, Stanley, N. C. Yarn holding mechanism. 1,933,980; Nov. 7.
- Hornbuckle, William P., and R. F. Craig, Stanley, N. C. Beam for dyeing machines. 1,939,816; Dec. 19.
- Hornbuckle, William P., and R. F. Craig, Stanley, N. C. Washer for package dyeing machines. 1,939,817; Dec. 19.
- Horne, Burchard E., Andover, Mass. Pressure regulating and relief valve. 1,903,338; Apr. 4.
- Horne, George H., Glendale, and M. A. Lissman, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for separating suspended particles from gases. 1,930,806; Oct. 17.
- Horne, Harry F., deceased, Los Angeles, Calif.; J. Evans, Jr., administrator, assignor to A. S. Evans. Shaving brush. 1,905,171; Apr. 25.
- Horne, Newton H., Kansas City, Mo. Face lift. 1,908,669; May 9.
- Horner, Albert, Kapaui, Hawaii. Soil covering and method of use. 1,930,939; Oct. 17.
- Horner, Carrie. (See Farr, Alfred C., assignor.)
- Horner, Clyde H., Palmyra, N. J. Powder box. Des. 89,425; Mar. 7.
- Hörner, Friedrich, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing antimonates. 1,916,797; July 4.
- Horner, George L., and H. L. Finch, Iowa City, Iowa. Dispensing tube for pastes and creams. 1,927,122; Sept. 19.
- Horner, George W., Tonbridge, England, and J. E. Sharp, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Sealing closure caps on bottles and other containers. 1,895,884; Jan. 31.
- Horney, Fred. (See Lysholm, A., Horney, and Wahlsten.)
- Horni, Paul P., Newark, N. J. Pavement marker. 1,918,336; July 18.
- Horning, Harry L., assignor to Waukesha Motor Company, Waukesha, Wis. Internal combustion engine. 1,892,838; Jan. 3.
- Horning, Harry L., assignor to Waukesha Motor Company, Waukesha, Wis. Internal combustion engine. 1,923,206; Aug. 22.
- Hornlein, Paul, et al. (See Wendell, Herman E., assignor.)
- Hornoff, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio goniometer. 1,909,962; May 23.
- Hornor, Aurelius P., Caldwell, assignor to E-K Medical Gas Laboratories, Incorporated, West Orange, N. J. Combined valve and yoke. 1,927,170; Sept. 19.
- Horschuch, Hanns, Easton, Pa. assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 1,932,214; Oct. 24.
- Hornstein, Heinrich, Berlin-Halensee, assignor to H. Koch, Berlin, Germany. Phosphoric acid salt of B-bromethyltrimethyl-ammonium-thiobromine-1-acetate and producing the same. 1,920,697; Aug. 1.
- Hornung, Anton N. (See Millar, J. F., and Hornung.)
- Hornung, Ernest W., Cleveland, Ohio. Ventilator. 1,905,394; Apr. 25.
- Hornung, Günther. (See Jost, F., and Hornung.)
- Hornung, Günther, Bochum, Germany. Recovery of hydrogen. 1,933,734; Nov. 7.
- Hornung, John C., Glencoe, Ill. Temperature regulation system. 1,919,330; July 25.
- Hornyák, Dezső, Cleveland, Ohio. Life saving suit. 1,896,956; Feb. 7.
- Horobin, Dean E., Middle Brighton, Melbourne, Victoria, Australia. Buckle. 1,933,808; Nov. 7.
- Horowitz, Eugen, Halensee, Germany, assignor to General Electric Company. Electrical regulator. 1,904,465; Apr. 18.
- Horowitz, Max. (See Koretzky, H., Horowitz, and Desimone.)
- Horowitz, Max, Brooklyn, N. Y., assignor to Bright Star Battery Company, Hoboken, N. J. Flashlight. 1,906,268; May 2.
- Horowitz, Oscar, New Rochelle, N. Y. Merchandise wrapper. 1,938,145; Dec. 5.
- Horrocks, Walter E., Lakewood, Ohio. Rollerbearing separator. 1,941,209; Dec. 26.
- Horsch, Walter H., Wheaton, assignor to Massey Concrete Products Corporation, Chicago, Ill. Method and apparatus for treatment of concrete and the like. 1,932,520; Oct. 31.
- Horsfield, Cyril, Toronto, Ontario, Canada, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Card pairing device. 1,933,328; Oct. 31.
- Horsley, Caperton. (See Goldfield, E. R., and Horsley.)
- Horsley, George F., Norton-upon-Tees, England, assignor to Imperial Chemical Industries Limited. Increasing the ethylene content of ethylene containing gaseous mixtures. 1,894,586; Jan. 10.
- Horsley, George F., Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Production of aldol. 1,905,290; Apr. 25.
- Horsley, James H., Chicago, assignor to Shanklin Manufacturing Co., Springfield, Ill. Acetylene lamp. Des. 90,467; Aug. 8.
- Horst, Adam, Frankfurt-on-the-Main, Germany. Electric switch. 1,923,092; Aug. 22.
- Horst, Hans, Berlin, Germany, assignor to Kammgarn-Aktiengesellschaft, Zurich, Switzerland. Bell spinning and twisting frame. 1,926,098; Sept. 12.
- Horste, Joseph E., assignor to Detroit Harvester Company, Detroit, Mich. Mower attachment for endless tread tractors. 1,899,329; Feb. 28.
- Horste, Joseph E., assignor to Detroit Harvester Company, Detroit, Mich. Mowing machine. 1,939,851; Dec. 19.
- Horsting, Bernard F., assignor to Simplex Shoe Tree Co., Chicago, Ill. Shoe form. 1,922,367; Aug. 15.
- Horskotte, Frederick W., Portland, Ore. Saw mill. 1,921,569; Aug. 8.
- Hortenauf, Alfred J., Sunnyside, Long Island, N. Y. Necktie rack. 1,940,951; Dec. 26.
- Hortman, Claude, assignor, by mesne assignments, to The Hortman-Salmen Company, Incorporated, New Orleans, La. Window frame. 1,899,330; Feb. 28.
- Hortman-Salmen Company, The. (See Hortman, Claude, assignor.)
- Horton, Albert G. (See Buchanan, M. K., and Horton.)
- Horton, Albert J. (See Ball, H. V., and Horton.)
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver. Web tensioning mechanism. 1,927,589; Sept. 19.
- Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver. Ink roller for printing machines. 1,938,591; Dec. 12.
- Horton, Allen A., deceased, Detroit, by K. H. Horton, Plymouth, and Detroit Trust Company, successor to Detroit and Security Trust Company, executors, assignors to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 1,908,358; May 9.
- Horton, Arthur W., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deep sea cable terminal. 1,910,165; May 23.
- Horton, Benjamin E., et al. (See Dwofsky, Bernard, assignor.)
- Horton, Charles W., Miami, Fla. Door operating mechanism. 1,903,182; Mar. 28.
- Horton, Donovan W., et al. (See Dwofsky, Bernard, assignor.)
- Horton, Ernest J., assignor to Ruud Manufacturing Company, Pittsburgh, Pa. Storage type fluid heater. 1,908,149; May 9.
- Horton, Erwin C. (See Hueber, H., and Horton.)
- Horton, Erwin C. (See Oishei, J. R., and Horton.)
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Mirror support and making same. 1,893,472; Jan. 3.
- Horton, Erwin C., Hamburg, and H. Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Horn. 1,915,248; June 20.
- Horton, Erwin C., Hamburg, and Henry Hueber, assignors to Trico Products Corporation, Buffalo, N. Y. Multiple diaphragm pump. 1,920,014; July 25.
- Horton, Frank B., Los Angeles, Calif. Bottle washer. 1,897,052; Feb. 14.
- Horton, Frank C., Minneapolis, Minn. Ice cream cone. 1,939,450; Dec. 12.
- Horton, George T., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating roof and sealing means therefor. 1,901,874; Mar. 21.
- Horton, George T., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating roof and sealing means therefor. 1,931,546; Oct. 24.

- Horton, George T., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Elevated tank construction. 1,931,547; Oct. 24.
- Horton, Guy Lloyd. (See Rippingille, Frank S., assignor.)
- Horton, John B., Saugatuck, Conn. Heat circulator. 1,895,075; Jan. 24.
- Horton, Joseph M., Fillmore, Calif. Eraser cleaning machine. 1,908,670; May 9.
- Horton, Joseph W., assignor to General Radio Company, Cambridge, Mass. Power-level indicator. 1,901,344; Mar. 14.
- Horton, Joseph W., Cambridge, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,905,714; Apr. 25.
- Horton, Kathleen H., et al, executors. (See Horton, Allen A.)
- Horton Manufacturing Company, The. (See Judd, H. L., and Lagerblade, assignors.)
- Horton Manufacturing Company, The. (See Lagerblade, Herbert C., assignor.)
- Horton Manufacturing Company, The. (See Thorpe, Samuel T., assignor.)
- Horvath, Alexander, Chicago, Ill. Forming crystals. 1,896,775; Feb. 7.
- Horvath, Anthony, Wallingford, Conn. Lifting jack. 1,902,448; Mar. 21.
- Horvath, Anthony, Wallingford, Conn. Egg opener device. 1,924,789; Aug. 29.
- Horvath, Stepan, Zagreb, Yugoslavia, assignor of one-half to G. Musulin, Johnstown, Pa. Folding chair. 1,919,110; July 18.
- Horvitz, Gerald J., Woodmere, N. Y. Recovery of acid gas. 1,916,980; July 4.
- Horwath, Julius, assignor to Arvey Corporation, Chicago, Ill. Display card. 1,904,659; Apr. 18.
- Horwath, Julius, assignor to Arvey Corporation, Chicago, Ill. Collapsible display rack. 1,927,171; Sept. 19.
- Horwath, Julius, assignor to Arvey Corporation, Chicago, Ill. Terraced display device. 1,927,172; Sept. 19.
- Horwitt, Nathan G., New York, N. Y. Chair. Des. 90,319; July 18.
- Horwitt, Paul H., Hartsdale, N. Y., assignor to The Menasha Products Company, Menasha, Wis. Dispenser. 1,894,589; Jan. 17.
- Horwitt, Paul H., Springfield, Mass., assignor to The Menasha Products Company, Chicago, Ill. Dispenser. 1,895,661; Jan. 31.
- Horwitt, Paul H., Springfield, Mass., assignor to The Menasha Products Company, Chicago, Ill. Combination table dispenser. 1,895,662; Jan. 31.
- Horwitt, Paul H., Springfield, Mass., assignor to The Menasha Products Company, Chicago, Ill. Dispenser. 1,901,243; Mar. 14.
- Horwitz, Alexander, New York, N. Y. Preparing an aluminum sulpho-stearate. 1,939,169; Dec. 12.
- Horwitz, Alexander, New York, N. Y. Base for use in the manufacture of heavy oils and greases. 1,939,170; Dec. 12.
- Horwitz, Louis, New York, N. Y. Display fixture. Des. 90,807; Oct. 3.
- Hosack, Francis A., New York, N. Y. Calculating machine. 1,938,907; Dec. 12.
- Hoschke, Frederick A., Hagerstown, Md. Producing music. 1,932,311; Oct. 24.
- Hoschke, Frederick A., Hagerstown, Md. Mixing device. 1,932,313; Oct. 24.
- Hose Stayput Tool Company. (See McKee, Glenn L., assignor.)
- Hoseason, Donald B., assignor to Associated Electrical Industries Limited, Bowdon, England. Electric motor. 1,920,309; Aug. 1.
- Hösel, Paul. (See Kissing, F., and Hösel.)
- Hosfield, Lee C., Cleveland, Ohio, assignor to National Carbon Company, Inc. Forming a brush shunt connection. 1,929,142; Oct. 3.
- Hosier, Elmer E., Delaware Water Gap, Pa. Ball-striking mallet. 1,930,477; Oct. 17.
- Hoskin, George Clarence. (See Hoskin, Harriet M. and G. C.)
- Hoskin, Harriet M. and G. C., Brookfield, Ill. Measuring scale. 1,904,234; Apr. 18.
- Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Shakeproof Lock Washer Company, Incorporated, Chicago, Ill. Electrical connector. 1,921,823; Aug. 8.
- Hoskins, William, La Grange, Ill., assignor, by mesne assignments, to H. W. Clark, Berkeley, Calif. Preparation of coffee. 1,924,059; Aug. 22.
- Hosler, Clarence R., Findlay, Ohio. Vacuum automobile ventilator. 1,923,207; Aug. 22.
- Hosley, Loring F. (See Du Pont, E. P., Weaver, and Hosley.)
- Hosmer, Warren S., Bartow, Fla. Tractor. 1,903,968; Apr. 18.
- Hosmon, James O., and E. W. Anderson, San Diego, Calif. Valve mechanism for gas engines. 1,924,403; Aug. 29.
- Hospo, Inc. (See Crockett, William P. and W. P., jr., assignors.)
- Hossfeld, Albert, Winona, Minn. Spring device for drilling machines. 1,930,098; Oct. 10.
- Hossfeld, Harry E., Lynwood, assignor to Monarch Trunk Company, Los Angeles, Calif. Covering hand luggage. 1,908,671; May 9.
- Hotchkiss, James R., Montclair, N. J., assignor to The Palnut Company. Nut lock. 1,920,792; Aug. 1.
- Hotchkiss, Clarence F., jr., assignor to Stow Manufacturing Company, Binghamton, N. Y. Boring tool. 1,910,768; May 23.
- Hotchkiss, Clarence F., jr., assignor to Stow Manufacturing Company, Binghamton, N. Y. Pipe cleaning tool. 1,912,525; June 6.
- Hotchkiss, Clifford. (See Phelan, L. A. M., and Hotchkiss.)
- Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
- Hotchkiss, E. H., Company, The. (See Vogel, Max, assignor.)
- Hotchkiss, Edgar J., Binghamton, N. Y. Fluid flow control. 1,915,493; June 27.
- Hotchkiss, Henry T., jr. (See Bacon, R. F., and Hotchkiss.)
- Hotchkiss, William R., St. Paul, Minn. Blank-book. 1,918,474; July 18.
- Hotchner, Fred. (See Scott, George T., assignor.)
- Hotchner, Fred, Los Angeles, Calif. Double faced sign. 1,918,616; July 18.
- Hotchner, Fred, Los Angeles, Calif. Fabricating tubing of vitreous material. 1,923,148; Aug. 22.
- Hotchner, Fred, Los Angeles, Calif. Discharge tube display. 1,924,497; Aug. 29.
- Hotchner, Fred, Los Angeles, Calif. Luminous sign. 1,937,957; Dec. 5.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Apparatus for forming sheet metal caps. 1,904,920; Apr. 18.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Producing dangled can bodies. 1,915,318; June 27.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 1,920,504; Aug. 1.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 1,929,429; Oct. 10.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 1,929,430; Oct. 10.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Producing one-piece drawn containers. 1,932,407; Oct. 31.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 1,938,592; Dec. 12.
- Hotopp, Alfred H., jr., Caldwell, N. J., assignor to Wired Radio, Inc., New York, N. Y. System for reduction of extraneous electrical effects. 1,913,551; June 13.
- Hotopp, Alfred H., jr., Caldwell, N. J., assignor to Wired Radio, Inc., New York, N. Y. Combined wired radio and space radio receiving system. 1,922,045; Aug. 15.
- Hotopp, Alfred H., jr., Caldwell, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wired radio receiving system. 1,922,623; Aug. 15.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hott, Ion V. K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting mechanism. 1,894,040; Jan. 10.
- Hott, Ion Von Kert, assignor to The Joyce-Cridland Company, Dayton, Ohio. Journal box jack. 1,898,630; Feb. 21.
- Hott, Ion V. K., assignor to The Joyce-Cridland Company, Dayton, Ohio. Hydraulic lifting mechanism. 1,903,763; Apr. 18.
- Hottel, Louis W., Indianapolis, Ind. Molding press for hollow articles. 1,916,798; July 4.
- Hottenroth, Valentin, Mannheim, and O. Faust, Mannheim-Neustheim, assignors to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany. Improving cellulose raw material of all kinds. 1,904,235; Apr. 18.
- Hotto, Louis, East Carondelet, Ill. Farm implement. 1,941,306; Dec. 26.
- Hotz, Wilhelm, Basel, Switzerland. Compressed air brake with stage braking. 1,906,156; Apr. 25.
- Hotze, John K., St. Louis, Mo. Bowl shaped base for golf bags. 1,902,644; Mar. 21.
- Houck, Harry W., East Orange, N. J., assignor to Dubilier Condenser Corporation, New York, N. Y. Thermionic valve. 1,905,872; Apr. 25.
- Houck, Harry W., Mount Vernon, assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 1,934,192; Nov. 7.
- Houck, John D., Chicago, Ill. Coffee making device. 1,927,937; Sept. 26.
- Houck, John L., assignor to Coppes Bros. & Zook, Inc., Nappanee, Ind. Kitchen cabinet. Des. 90,885; Oct. 17.
- Houdaille-Hershey Corporation. (See Jeffers, Clarence E., assignor.)
- Houdaille, Maurice, Levallois-Perret, France, assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber adjusting device. 1,924,404; Aug. 29.
- Houde Engineering Corporation. (See Casper, Anthony B., assignor.)
- Houde Engineering Corporation. (See Fox, Merritt L., assignor.)
- Houde Engineering Corporation. (See Gillen, George A., assignor.)
- Houde Engineering Corporation. (See Houdaille, Maurice, assignor.)
- Houde Engineering Corporation. (See Lautz, Carl F., assignor.)

- Houde Engineering Corporation. (See Merritt, Fox L., assignor.)
- Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
- Houde Engineering Corporation. (See Shultz, Albert B., assignor.)
- Houdremont, Edouard, Essen, Germany, assignor, by mesne assignments, to The Nitralloy Corporation. Nitrided steel articles. 1,934,672; Nov. 7.
- Houfton, George H. (See Wood, T., and Houfton.)
- Houge, Severt O., Slater, Iowa. Grease rack. 1,897,053; Feb. 14.
- Hougen, Olaf A., and K. M. Watson, Madison, Wis. Apparatus for reducing metallic ores. 1,938,832; Dec. 12.
- Hough, Arthur, Passaic, N. J., assignor to Degn Corporation. Manufacture of smokeless powder propellants. 1,916,763; July 4.
- Hough, Arthur, Passaic, N. J. Nitrating organic substances. 1,936,020; Nov. 21.
- Hough, Clinton W., Boonville, N. Y., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Single carrier frequency multiplex telephony and telegraphy. 1,896,235; Feb. 7.
- Hough, Clinton W., Boonville, assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Transmitting system. 1,906,269; May 2.
- Hough, Clinton W., assignor to Wired Radio, Inc., New York, N. Y. Polyphase photo-electric device. 1,912,139; May 30.
- Hough, Clinton W., assignor to Wired Radio, Inc., New York, N. Y. Radio receiver system. 1,912,140; May 30.
- Hough, Clinton W., assignor to Wired Radio, Inc., New York, N. Y. Multiple signaling system. 1,919,888; July 25.
- Hough, Clinton W., assignor to Wired Radio, Inc., New York, N. Y. Selective tuning device. 1,924,553; Aug. 29.
- Hough, Edward C., assignor to Daisy Manufacturing Company, Plymouth, Mich. Whirligig. 1,907,815; May 9.
- Hough, Frank G. (See Blumberg, P., and Hough.)
- Hough, Henry B., Marthas Vineyard, Mass. Machine for producing justified groups of impressions. 1,939,702; Dec. 19.
- Hough, Ralph. (See Brown, W., and W. H. and R. Hough.)
- Hough Shade Corporation. (See Steffen, Le Roy J., assignor.)
- Hough, William H. (See Brown, W., and W. H. and R. Hough.)
- Houghton, Albert M., Albuquerque, N. Mex. Packing placement tool. 1,936,981; Nov. 28.
- Houghton, Carl R., assignor to The Connersville Blower Company, Inc., Connersville, Ind. Tandem meter. 1,896,527; Feb. 7.
- Houghton, E. F. and Company. (See Patch, R. H., and Dambacher, assignors.)
- Houghton, E. F. and Company. (See Patch, R. H., and Leaper, assignors.)
- Houghton, E. F., and Company. (See Schmidt, John G., assignor.)
- Houghton Elevator & Machine Company, The. (See Thurston, Ernest B., assignor.)
- Houghton, Frank S. (See Barr, C. D., Moxley, and Houghton.)
- Houghton, Harry E., Bronxville, N. Y., assignor to Hookless Fastener Company, Meadville, Pa. Pull for a slide fastener. Des. 89,961; May 23.
- Houghton, Harry W., Glen Echo, Md., assignor to Safety Fumigant Company, Boston, Mass. Fumigant gas producing composition. 1,894,041; Jan. 10.
- Houglum, Henry S., Moorhead, Minn. Windshield heater for motor vehicles. 1,922,183; Aug. 15.
- Houle, Joseph H. E., Worcester, Mass. Selective calendar. 1,895,797; Jan. 31.
- Houlihan, Rudolph N., assignor to The Bridgeport Metal Goods Manufacturing Corporation, Bridgeport, Conn. Lip stick holder. 1,906,967; May 2.
- Houlihan, Walter J., and J. D. Sheehan, Rochester, N. Y., assignors of forty per cent to said Houlihan and sixty per cent to said Sheehan. Luminous headgear. 1,914,429; June 20.
- Houlis, Louis D., St. Louis, Mo. Air humidifying apparatus. 1,912,480; June 6.
- Hounsfield, Leslie H., London, England. Graph-recording apparatus. 1,892,799; Jan. 3.
- Houpert, Henri J., Rye, N. Y. Plant spraying apparatus. 1,923,266; Aug. 22.
- Houpt, Clayton S., Detroit, Mich. Removing of enamel from a metal base. 1,892,950; Jan. 3.
- Hourtienne, Rudolph G., Pasadena, Calif. Combined vending and advertising device. 1,939,010; Dec. 12.
- House, Bryan E. (See Bendix, V., and House.)
- House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Lever support. 1,914,506; June 20.
- House, Charles M., Bloomington, and C. J. Clutter, Normal, Ill. Combined automatic stop and check valve. 1,918,544; July 18.
- House, Edwin G. (See Pottenger, F. M., Jr., and House.)
- House, Everett I., Eveleth, Minn. Container. 1,927,706; Sept. 19.
- House, Hiram H., El Paso, Tex. Flush out fitting. 1,924,498; Aug. 29.
- Household Field Corporation. (See Bungay, George W., assignor.)
- Householder, Bruce E., Trenton, N. J. Garment support. 1,933,981; Nov. 7.
- Householder, Harvey E., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Friction closure for containers. 1,922,953; Aug. 15.
- Houseman, Harold E. (See Bristow, P. W., and Houseman.)
- Houseman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting mechanism. 1,892,702; Jan. 3.
- Houseman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting mechanism. 1,927,568; Sept. 19.
- Houseman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting mechanism. 1,941,091; Dec. 26.
- Houseman, Harold E., Edge Moor, assignor to Standard-Trump Bros. Machine Company, Wilmington, Del. Knitting mechanism. 1,941,092; Dec. 26.
- Houseman, Harold E., Edge Moor, Del., and W. L. Houseman, Maplewood, N. J., assignors to Standard-Trump Bros. Machine Company, Wilmington, Del. Method and machine for producing knitted split fabric. 1,939,818; Dec. 19.
- Houseman, Wilbur L. (See Houseman, Harold E. and W. L.)
- House of Tre-Jur. (See Mosheim, Albert, assignor.)
- Houssin, Victor A. (See Maury, C., and Houssin.)
- Houst, Franz, Pilsen, Czechoslovakia. Oil switch with rotatable contact bridge. 1,917,887; July 11.
- Houston, Cyrus C. (See Harwell, Robert H., assignor.)
- Houston, George F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,932,894; Oct. 31.
- Houston, George H., South Bend, Ind., assignor to Bendix Research Corporation, East Orange, N. J. Propeller. 1,899,689; Feb. 28.
- Houts, John R., McLean, Va. Log sawing machine. 1,898,960; Feb. 21.
- Houwen, Frederick C., Morris Plains, assignor to The Bates Manufacturing Company, West Orange, N. J. Paper fastener. 1,921,674; Aug. 8.
- Hover, Charles F., Conrad, Mont. Pitman attachment. 1,909,917; May 16.
- Hovey, Almon G., Scotia, N. Y., assignor to General Electric Company. Cementing composition. 1,925,903; Sept. 5.
- Hovey, Mark H., Madison, Wis., assignor to The Union Switch & Signal Company, Swissvale, Pa. Slow acting relay. 1,922,089; Aug. 15.
- Hovey, Mark H., Madison, Wis., assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 1,922,090; Aug. 15.
- Hovgaard, Harvey, Houston, Tex. Combination tool. 1,899,505; Feb. 28.
- Hovgaard, Ole M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric crystal. 1,896,515; Feb. 7.
- Hovgaard, Ole M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant temperature apparatus. 1,921,433; Aug. 8.
- Hovland, Hans H., Wheeler, Wis. Mulching hoe. 1,933,625; Nov. 7.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,912,453; June 6.
- How, Harlan W., Warren, Pa., and L. H. Johnson, Lakewood, N. Y., assignors to Struthers Wells Titusville Corporation, Warren, Pa. Mechanism for controlling pressure and feed of tools of rotary well drilling rigs. 1,924,317; Aug. 29.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Making resinous materials. 1,910,338; May 23.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Synthetic resin. 1,928,492; Sept. 26.
- Howald, Arthur M., Pittsburgh, Pa., assignor to Toledo Synthetic Products, Inc., Toledo, Ohio. Hardening urea condensation products. 1,928,493; Sept. 26.
- Howald, Werner T., E. H. Klingelfuss, and F. P. Kenny, Brooklyn, N. Y. Cleaning machine. 1,901,647; Mar. 14.
- Howard, Agnes R. (See Howard, Earl T., assignor.)
- Howard, Albert L., assignor to Hamilton-Wade Company, Brockton, Mass. Upholstery molding. 1,907,070; May 2.
- Howard, Albert L., assignor to Hamilton-Wade Company, Brockton, Mass. Finishing welt. 1,936,087; Nov. 21.
- Howard, Albert S., South Attleboro, assignor to Everlastik Incorporated, Chelsea, Mass. Sealed package for elastic webbing and the like. 1,908,982; May 16.
- Howard, Arthur G., Newport, R. I. Artificial tree. 1,933,495; Oct. 31.
- Howard, Benjamin T., Denver, Colo. Tobacco container and pipe filler. 1,927,092; Sept. 19.
- Howard, Bloomfield H., Washington, D. C. Feeder for ingot molds. 1,900,816; Mar. 7.
- Howard & Bullough Limited. (See Bowler, Samuel, assignor.)
- Howard, Clifton P., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Restricted orifice device. 1,898,537; Feb. 21.
- Howard, Clifton P., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Control device for alarm mechanism. 1,932,783; Oct. 31.

- Howard, Clifton P., and P. Lofgren, Worcester, Mass., assignors to Rockwood Sprinkler Company of Massachusetts. Ball handle. 1,921,525; Aug. 8.
- Howard, Clifton P., and J. F. Carlson, assignors to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Alarm mechanism for sprinkler systems. 1,932,784; Oct. 31.
- Howard Dustless-Duster Co. (See Bradley, Harold L., assignor.)
- Howard, Earl T., assignor of one-half to A. R. Howard, Fullerton, Calif. Crack sealer for concrete pavements. 1,893,082; Jan. 3.
- Howard, Edward, Elgin, assignor, by mesne assignments, to Elgin National Watch Company, Chicago, Ill. Watch. 1,900,343; Mar. 7.
- Howard, Everett C., Belchertown, Mass. Strawberry plant. Pl. Pt. 71; July 25.
- Howard, Forrest K., East Falls Church, Va. Gun sight. 1,908,019; May 9.
- Howard, Forrest K., East Falls Church, Va. Reversible feed mechanism for machine-guns. 1,920,984; Aug. 8.
- Howard, Frank A., Elizabeth, N. J., assignor to Standard Oil Development Company. Pyrolytic conversion of petroleum oils. 1,899,895; Feb. 28.
- Howard, Frank A., Elizabeth, N. J., assignor to Standard Oil Development Company. Pyrolytic conversion of petroleum oils. 1,934,067; Nov. 7.
- Howard, Frank C., Chicago, Ill. Automobile bumper guard. Des. 90,715; Sept. 19.
- Howard, Frank C., Chicago, Ill. Automobile bumper guard. Des. 90,716; Sept. 19.
- Howard, Frank C., Chicago, Ill. Automobile bumper guard. Des. 90,717; Sept. 19.
- Howard, Frank E., assignor to James L. Howard & Company, Hartford, Conn. Door hanger. 1,901,648; Mar. 14.
- Howard, Fred H., assignor to M. J. Howard, Montebello, Calif. Hybrid tea rose. Pl. Pat. 67; June 20.
- Howard, George E., Butler, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Method and apparatus for feeding molten glass. 1,892,765; Jan. 3.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Process and apparatus for forming shaped mold charges of molten glass. 1,905,468; Apr. 25.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for conditioning molten glass. 1,916,668; July 4.
- Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for making glass. 1,937,321; Nov. 28.
- Howard, George H., Alhambra, Calif. Starter drive. 1,906,067; Apr. 25.
- Howard, Giles P. E. (See Hodgson, J. L., Ivanoff, and Howard.)
- Howard, Guy C., Wausau, Wis. Treating waste sulphite liquor. 1,924,361; Aug. 29.
- Howard, Henry, Newport, R. I. Measuring and controlling the density of suspensions of solids in liquids. 1,892,839; Jan. 3.
- Howard, Henry, Newport, R. I. Heating settling liquids. 1,940,753; Dec. 26.
- Howard, Henry C. (See Trumbull, H. L., and Howard.)
- Howard, Henry C., assignor to American Anode, Inc., Akron, Ohio. Anode support. 1,906,378; May 2.
- Howard, Henry C., and E. S. Kern, assignors to American Anode, Inc., Akron, Ohio. Permeable diaphragm. 1,929,923; Oct. 10.
- Howard, Henry C., Akron, and E. A. Willson, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Lining gloves. 1,939,852; Dec. 19.
- Howard, Henry F., assignor to Whitman & Barnes, Incorporated, Detroit, Mich. Dowel pin. 1,914,507; June 20.
- Howard, Henry F., assignor to Whitman & Barnes Incorporated, Detroit, Mich. Tool. 1,915,669; June 27.
- Howard Hosiery Company. (See Stevenson, Frank, assignor.)
- Howard, James E., Jeffersonville, Ind. Sheet metal vessel construction. 1,900,711; Mar. 7.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Tubing hanger. 1,902,075; Mar. 21.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Releasable oil well packer. 1,922,044; Aug. 15.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Casing-head valve. 1,929,781; Oct. 10.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Tubing hanger and casing seal. 1,931,024; Oct. 17.
- Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Tubing separator. 1,940,682; Dec. 26.
- Howard, James H., E. A. Johnson, and J. H. McEvoy, Jr.; said Howard and said Johnson, assignors to J. H. McEvoy & Company, Houston, Tex. Retractable tubing head. 1,896,236; Feb. 7.
- Howard, James L., and Company. (See Howard, Frank E., assignor.)
- Howard, John H. (See Mackey, T. O., and Howard.)
- Howard, John H. (See Marsh, H. N., and Howard.)
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Co., Los Nietos, Calif. Well drilling bit. 1,899,331; Feb. 28.
- Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core drill. 1,923,486; Aug. 22.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Well drilling bit. 1,923,487; Aug. 22.
- Howard, John H., Huntington Park, and A. C. Catland, Alhambra, assignors to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 1,923,488; Aug. 22.
- Howard, John L., Columbus, Ohio. Vending machine. Des. 88,968; Jan. 10.
- Howard, Joseph A. (See Weber, A. E., and Howard.)
- Howard, Julian C., assignor to The Kaufman Rubber Company Limited, Kitchener, Canada. Safety hat. 1,933,660; Dec. 12.
- Howard, Karl S. (See Frede, C. F., and Howard.)
- Howard, Karl S., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 1,940,715; Dec. 26.
- Howard, Leonard L., and A. H. Haroldson, Valparaiso, Ind., assignors, by mesne assignments, to Continental Diamond Fibre Company, Newark, Del. Resistor. 1,910,391; May 23.
- Howard, Leslie E., Lockport, N. Y., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Method of and apparatus for grinding and polishing materials. 1,899,463; Feb. 28.
- Howard, Leslie E., Lockport, N. Y., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Testing steel. 1,937,820; Dec. 5.
- Howard, Lemuel F., Edgewood borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing signal. 1,932,017; Oct. 24.
- Howard, Lloyd G., assignor of one-third to D. T. McKinnon, Council Bluffs, Iowa. Surgical instrument. 1,940,351; Dec. 19.
- Howard, Luther B., Chattanooga, Tenn. Bill and stub receipting and severing means. 1,911,690; May 30.
- Howard, Merton W., Lynn, assignor to Pope Machinery Corporation, Haverhill, Mass. Heel concaving machine. 1,902,855; Mar. 28.
- Howard, Merton W., Lynn, assignor to Pope Machinery Corporation, Haverhill, Mass. Heel concaving machine. 1,914,568; June 20.
- Howard, Minnie J. (See Howard, Fred H., assignor.)
- Howard, Paul J. (See Berger, Vinzenz, assignor.)
- Howard, Paul J. (See Weigand, Christoph, assignor.)
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Weighing machine. 1,893,622; Jan. 10.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Weighing machine. 1,898,539; Feb. 21.
- Howard, Stanley R., East Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Packaging machine. 1,898,538; Feb. 21.
- Howard, Stanley R., East Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Packaging machine. 1,916,425; July 4.
- Howard, Thomas C., New York, N. Y. Sound absorbing material. 1,937,889; Dec. 5.
- Howard, Warren A., Hastings, Nebr. Grain door. 1,927,982; Sept. 26.
- Howard, Wayne A., South Gate, Calif. Orifice fitting. 1,931,797; Oct. 24.
- Howard, Will E., Seattle, Wash. Cabinet ironing board. 1,940,128; Dec. 19.
- Howard, William R., Washington, D. C. Apparatus for forming emulsions. 1,925,049; Aug. 29.
- Howard, William R., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 1,900,113; Mar. 7.
- Howard, William R., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for treating hydrocarbons. 1,924,859; Aug. 29.
- Howard, William S., assignor to B. Nicoll & Company, Incorporated, New York, N. Y. Self-loading dump-body. 1,922,851; Aug. 15.
- Howards & Sons, Limited. (See Blagden, J. W., and Huggett, assignors.)
- Hewatt, Douglas D., assignor of one-half to J. T. Barkeley, Los Angeles, Calif. Automobile top. 1,940,911; Dec. 26.
- Howden, Peter, assignor to British Rema Manufacturing Co., Ltd., Halifax, England. Centrifugal apparatus for dust extraction. 1,897,195; Feb. 14.
- Howe, Alfred B. (See Kirke, H. L., Howe, and Barrett.)
- Howe, Carleton H., Worcester, assignor to Buxton, Incorporated, Springfield, Mass. Key case. 1,908,846; May 16.
- Howe, Charles W., Lowell, assignor to Saco-Lowell Shops, Newton, Mass. Method of and apparatus for picking cotton. 1,908,294; May 9.
- Howe, Donald W., Biloxi, Miss., assignor to Howe Packing Company, Inc., New Orleans, La. Treating crustaceans to prevent coloration therein. 1,927,123; Sept. 19.
- Howe Folding Furniture, Inc. (See Howe, Harold, assignor.)
- Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Coating metals. 1,899,569; Feb. 28.
- Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Coating metals. 1,902,503; Mar. 21.
- Howe, Harold, New Canaan, Conn. Electric cooking appliance. 1,912,353; May 30.

- Howe, Harold, assignor to Howe Folding Furniture, Inc., New York, N. Y. Folding device. 1,937,386; Nov. 28.
- Howe, James M., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile heater. 1,903,387; Apr. 4.
- Howe, John H., South Orange, N. J. Loop forming and cutting device. 1,905,637; Apr. 25.
- Howe Packing Company. (See Howe, Donald W., assignor.)
- Howe, Philip L., Wilson, Tex. Automobile radiator condenser. 1,899,570; Feb. 28.
- Howe, Raymond, New York, N. Y. illuminating device. 1,936,762; Nov. 28.
- Howe, Smith B., Buffalo, and S. C. Bliss, Kenmore, assignors to Weatherbest Stained Shingle Company, North Tonawanda, N. Y. Shingle handling machine. 1,893,664; Feb. 21.
- Howe, Thorndike D., assignor, by mesne assignments, to Solescope, Incorporated, Boston, Mass. Method of and apparatus for use in cutting leather. 1,899,805; Feb. 28.
- Howe, Thorndike D., jr., assignor to Solescope, Incorporated, Boston, Mass. Gauge for cutting machines. 1,936,088; Nov. 21.
- Howe, Victor L., Ferndale, Mich. Automatic spark control for internal combustion engines. 1,895,328; Jan. 24.
- Howe, Walter S., Ontario, Calif. Garbage holder for sinks. 1,903,623; Apr. 11.
- Howe, Wilfred C., and O. V. Payne, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Warp stop motion. 1,924,208; Aug. 29.
- Howe, William S., Hinsdale, N. H., and H. F. Causebrook, Greenfield, Mass., assignors to Granite State Mowing Machine Co., Hinsdale, N. H. Garden implement. 1,940,129; Dec. 19.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 1,897,005; Feb. 7.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Car retarder for railroads. 1,897,006; Feb. 7.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 1,901,748; Mar. 14.
- Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Brake. 1,932,970; Oct. 31.
- Howel, Walter, New York, N. Y. Relief engraving. 1,907,816; May 9.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 1,893,327; Jan. 3.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Tripod. 1,896,086; Feb. 7.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Pan structure. 1,897,947; Feb. 14.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Operating means for the tripods of photographic cameras and the like. 1,898,185; Feb. 21.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Motion picture and sound record bearing film and method of producing same. 1,915,262; June 20.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Tripod head or the like. 1,919,554; July 25.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Interchangeable lens mount structure. 1,923,376; Aug. 22.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Film cleaning device. 1,927,284; Sept. 19.
- Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Stop mechanism. 1,940,130; Dec. 19.
- Howell, Bruce G., Harlingen, Tex., and I. F. Stone, Arlington, Va. Pipe coupling. 1,916,479; July 4.
- Howell, Chester E., jr., Orange, N. J., assignor to F. M. Welding. 1,916,373; July 4.
- Howell, Cleves H., Albuquerque, N. Mex., and H. P. Bunger, Wheat Ridge, Colo. Valve. 1,894,314; Jan. 17.
- Howell & Co., Elmira, N. Y. Folding box. 1,917,120; July 4.
- Howell, Edward B., Los Angeles, Calif. Vote recorder. 1,938,488; Dec. 5.
- Howell, Edward D., Springfield Gardens, assignor, by mesne assignments, to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Punch press guard. 1,918,037; July 11.
- Howell, Edward T. (See Goodrich, R. J., and Howell.)
- Howell, Edward T., and I. Gubelmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Substitution products of amino benzoyl ortho benzoic acid and preparing the same. 1,892,890; Jan. 3.
- Howell, Edward T., Milwaukee, and R. J. Goodrich, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Black vat dye-stuff preparation. 1,905,095; Apr. 25.
- Howell, Edward T., Milwaukee, and O. Stallmann, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Vat dyestuff of the dibenzantrone series. 1,940,419; Dec. 19.
- Howell, F. M., & Co. (See Howell, Chester E., jr., assignor.)
- Howell, Fred B., Schenectady, N. Y., assignor to General Electric Company. Truck. 1,902,504; Mar. 21.
- Howell, Harry L., Chicago, assignor of one-third to W. J. Weichel, Elgin, one-sixth to A. Storck, Chicago, and one-sixth to F. J. Walther, Chicago, Ill. Machine for cleaning window shades. 1,921,675; Aug. 8.
- Howell, Harry R., et al. (See Edwards, James E., assignor.)
- Howell, Joseph C., Fort Lee, N. J. Adjustable arch support. 1,904,789; Apr. 18.
- Howell, Joseph C., Fort Lee, N. J. Arch support for shoes. 1,904,790; Apr. 18.
- Howell, Sidney I. (See Burke, James P., assignor.)
- Howell, Theodore L., assignor to Kurt Versen, New York, N. Y. Lighting fixture. Des. 90,612; Aug. 29.
- Howell, W. H., Company, The. (See Ericson, Philip E. G., assignor.)
- Howells, Frank E. (See Frank, W. C., and Howells.)
- Howenstine, Charles D., North Charleroi, Pa. Machine for counting and delivering coins. 1,902,328; Mar. 21.
- Hower, John B., Akron, Ohio. Dustpan. 1,940,546; Dec. 19.
- Howery, Albert F., and F. Tripp, Fremont, Nebr. Weed burner. 1,940,170; Dec. 19.
- Howett, Charles E., Lancaster, Pa. Liquid projecting device. 1,923,979; Aug. 22.
- Howey, Walter. (See Woodward, Benjamin W., assignor.)
- Howey, Walter, New York, N. Y. Sound recording on film. 1,913,446; June 13.
- Howey, Walter, New York, N. Y. Machine for producing printing plates. 1,914,258; June 13.
- Howey, Walter, New York, N. Y. Pantographic scanning. 1,923,208; Aug. 22.
- Howie, Alexander, Shaker Heights, Ohio. Container composed of structural members. 1,917,764; July 11.
- Howie, John L., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Coil. 1,909,491; May 16.
- Howland, Edgar G. (See Payne, F. E., Cody, and Howland, assignors.)
- Howland, Herbert H., Jeffersonville, Ind. Combined electric lamp and picture frame. Des. 89,590; Apr. 11.
- Howland, Louis H., Nutley, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,907,545; May 9.
- Howland, Louis H., Passaic, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,930,051; Oct. 10.
- Howlett, Raymond W., Kansas City, Mo. Pipe cutter. 1,932,462; Oct. 31.
- Howorth, Harmon, Cumberland, Md., assignor to Celanese Corporation of America. Bobbin stop motion. 1,920,196; Aug. 1.
- Howry, Hobart B., assignor to National Air Conditioning Company, Sioux City, Iowa. Moisture-responsive instrument. 1,935,398; Nov. 14.
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 1,923,267; Aug. 22.
- Howse, Curtis L. (See Snow, N. L., Powers, and Howse.)
- Howse, Curtis L., Detroit, assignor, by mesne assignments, to A C Spark Plug Company, Flint, Mich. Liquid gauge. 1,905,172; Apr. 25.
- Howse, Curtis L., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,926,235; Sept. 12.
- Howse, Curtis L., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Apparatus for testing water levels. 1,936,907; Nov. 28.
- Howser, Harry R., jr., Washington, D. C. Mechanical sound attachment for toy locomotives. 1,941,307; Dec. 26.
- Howser, Walter M., Indianapolis, Ind. Adjustable pilot for small holes. 1,915,670; June 27.
- Hoy, George O., Shamokin, Pa. Air cooled internal combustion engine. 1,910,834; May 23.
- Hoy, Harvey H., Canton, and W. E. Adams, Akron, assignors to Diebold Safe & Lock Company, Canton, Ohio. Limit lock. 1,925,757; Sept. 5.
- Hoy, John E. (See Barstow, E. O., Gann, and Hoy.)
- Hoy, John E., assignor to The Dow Chemical Company, Midland, Mich. Pressure casting and means therefor. 1,912,981; June 6.
- Hoy, John E., assignor to The Dow Chemical Company, Midland, Mich. Fabricating metal parts of magnesium or magnesium alloys. 1,918,545; July 13.
- Hoy, John E., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for pressure die-casting. 1,932,823; Oct. 31.
- Hoyer, Frederic J., assignor of one-half to C. C. Wendell, Pittsburgh, Pa. Condiment holder. 1,925,962; Sept. 5.
- Hoyer, Henrik, New York, assignor to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. Des. 89,508; Mar. 21.
- Hoyle, Abraham, Attleboro, Mass. Sand blast nozzle. 1,911,571; May 30.
- Hoyle, Alfred D., and F. B. Olson, assignors to Brown Company, Berlin, N. H. Screen plate. 1,937,274; Nov. 28.
- Hoyme, Christopher R., Chicago, Ill., assignor to International Motor Company, New York, N. Y. Vehicle body. 1,910,166; May 23.
- Hoyois, Léon, Gilly, Belgium. Process and apparatus for the treatment of coals, ores, and the like, mainly composed of particles of small sizes. 1,912,077; May 30.
- Hoyos, Ernesto J., Boston, Mass., assignor to Hudson Motor Car Company, Detroit, Mich. Body striping. 1,901,908; Mar. 21.

- Hoyt, Aaron, Haverhill, Mass. Machine for drying hides, skins, and the like. 1,937,699; Dec. 5.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin receptacle. 1,894,823; Jan. 17.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reeling device. 1,904,000; Apr. 18.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin receptacle. 1,933,264; Oct. 31.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin-controlled apparatus. 1,938,698; Dec. 12.
- Hoyt, Hazen L., Great Neck, N. Y. Barrel manufacture. 1,909,405; May 16.
- Hoyt, Hazen L., Great Neck, N. Y. Barrel. 1,922,588; Aug. 15.
- Hoyt, Leroy W., Stamford, Conn. Humidifier. 1,896,514; Feb. 7.
- Hoyt, Samuel L., Schenectady, N. Y., assignor to General Electric Company. Forming diamond charged cutting tool bits. 1,895,926; Jan. 31.
- Hoyt, Samuel L., Schenectady, N. Y., assignor to General Electric Company. Diamond charged cutting tool bit. 1,904,049; Apr. 18.
- Hromadka, Joseph, Hamden, Conn. Strainer for cooling systems of internal-combustion engines. 1,931,988; Oct. 24.
- Hruby, Louis J., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material treating machine. 1,924,554; Aug. 29.
- Hub Metal Bed Co. (See Hoffman, Jacob, assignor.)
- Hubach, Gustave, Springfield, Mass., assignor to C. A. Dana and J. B. Pierce, receivers of The Fisk Rubber Company, Chicopee Falls, Mass. Tire. Des. 90,252; July 4.
- Hubacher, Max H., assignor to Kavalco Products, Inc., Nitro, W. Va. Producing phenolphthalein. 1,940,494; Dec. 19.
- Hubacher, Max H., assignor to Kavalco Products, Inc., Nitro, W. Va. Producing phenolphthalein. 1,940,495; Dec. 19.
- Hubacker, Earl F. (See Buchanan, J. C., and Hubacker.)
- Hubbard, Barton D., Portland, Me., assignor to Brown Company, Berlin, N. H. Bale covering and preparing same. 1,922,046; Aug. 15.
- Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Machinery packing. 1,924,555; Aug. 29.
- Hubbard & Company. (See Manson, Ralph H., assignor.)
- Hubbard and Company. (See McIlrath, Arnold, assignor.)
- Hubbard and Company. (See Miller, Charles E., assignor.)
- Hubbard and Company. (See Peirce, Charles L., jr., assignor.)
- Hubbard & Co. (See Pounder, Wilbur R., assignor.)
- Hubbard, Edward, Baltimore, Md. Nonskid attachment. 1,912,481; June 6.
- Hubbard, Edward L., Piedmont, assignor to Water Works Supply Company, San Francisco, Calif. Liquid gauge. 1,902,329; Mar. 21.
- Hubbard Heel Company. (See Hubbard, William H., jr., assignor.)
- Hubbard, John A. (See Montgomery, S. A., and Hubbard.)
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulating apparatus. 1,909,469; May 16.
- Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording sphygmomanometers. 1,934,124; Nov. 7.
- Hubbard, Milton J. (See Crain, L. D., and Hubbard.)
- Hubbard, N. E. H. & Company. (See Hubbard, Nelson E. H., assignor.)
- Hubbard, Nelson E. H., Brooklyn, assignor to N. E. H. Hubbard & Company, Inc., New York, N. Y. Apparatus for teaching filing. 1,929,935; Oct. 31.
- Hubbard, Norman, Elizabeth, N. J., and M. S. Gerend, San Francisco, Calif., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Combined gas and oil burner. 1,938,335; Dec. 5.
- Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
- Hubbard, Ward, Koo-Wee-Rup, Victoria, Australia. Convertible body of vehicles. 1,919,063; July 18.
- Hubbard, William J., jr., assignor to Hubbard Heel Company, Inc., Dolgeville, N. Y. Machine for dowering heels. 1,935,979; Nov. 21.
- Hubbell, Cliff J., Deweese, and W. D. McCauley, Lawrence, assignors of one-third to A. W. Person, Crete, Nebr. Mold. 1,896,313; Feb. 7.
- Hubbell, Daniel D., Columbus, Ohio. Multifocal lens. 1,928,538; Sept. 26.
- Hubbell, Harvey, Incorporated. (See Avery, Charles E., assignor.)
- Hubbell, Harvey, Incorporated. (See Hubbell, H., jr., and Avery, assignors.)
- Hubbell, Harvey, Incorporated. (See Wells, Burling D., assignor.)
- Hubbell, Harvey, jr., Bridgeport, Conn. Portable receptacle. 1,907,817; May 9.
- Hubbell, Harvey, jr., Bridgeport, Conn. Screw head slotting machine. 1,931,699; Oct. 24.
- Hubbell, Harvey, jr., Bridgeport, Conn. Electrical connector. 1,932,018; Oct. 24.
- Hubbell, Harvey, jr., Bridgeport, Conn. Dustproof connector. 1,933,592; Nov. 7.
- Hubbell, Harvey, jr., Bridgeport, Conn. Shock absorbing switch handle. 1,940,716; Dec. 26.
- Hubbell, Harvey, jr., and C. E. Avery, assignors to Harvey Hubbell, Incorporated, Bridgeport, Conn. Snap switch. 1,939,052; Dec. 12.
- Hubbell, Irving D., assignor to Silica Company of California, Ltd., San Francisco, Calif. Purifying art. 1,897,638; Feb. 14.
- Hubbell, Jesse P., New Rochelle, N. Y. Fumigation. 1,912,141; May 30.
- Hubbell, Le Roy S., San Francisco, Calif. Radio tuning device. 1,909,538; May 16.
- Hubbell, Minott P., Ashburnham, Mass. Chuck. 1,894,515; Jan. 17.
- Hubbell, Richard T., Santa Ana, Calif. Paste tube cap. 1,908,847; May 16.
- Huber, Charles C., Rochester, N. Y. Antiglare reflector for automobile headlights. 1,925,589; Sept. 5.
- Huber, Eugen. (See Stintzing, H., and Huber.)
- Huber, Frank X., assignor of one-eighth to O. H. Zielke and one-eighth to E. F. Zielke, Glidden, Wis. Internal combustion engine. 1,916,318; July 4.
- Huber, Frederick W., Riverside, Calif. Activating clay. 1,926,148; Sept. 12.
- Huber, Hans. (See Mändlen, H., and Huber.)
- Huber, Herman J., Upper Darby, Pa., assignor to General Electric Company. Electrical switch gear. 1,935,448; Nov. 14.
- Huber, Herman J. H., Brookline, Pa., assignor to General Electric Company. Electrical switch gear. 1,920,748; Aug. 1.
- Huber, Horace H., assignor to Champion Carburetor, a Trust, Indianapolis, Ind. Carburetor. 1,918,751; July 18.
- Huber, Joseph L., Indianapolis, Ind. Water heater. 1,917,586; July 11.
- Huber, Orlando B., Milwaukee, Wis. Valve. 1,901,649; Mar. 14.
- Huber, Otto E., Reading, assignor to Narrow Fabric Company, West Reading, Pa. Elastic lace braid. Des. 89,832; May 9.
- Huber, Otto E., Reading, assignor to Narrow Fabric Company, West Reading, Pa. Elastic lace braid. Des. 89,833; May 9.
- Huber, W. I., Inc. (See Huber, Ward I., assignor.)
- Huber, W. I., Inc. (See Huber, W. I., and Close, assignors.)
- Huber, Ward I., assignor to W. I. Huber, Inc., Cleveland, Ohio. Sphygmomanometer. 1,900,285; Mar. 7.
- Huber, Ward I., and L. B. Close, assignors to W. I. Huber, Inc., Cleveland, Ohio. Sphygmomanometer. 1,900,286; Mar. 7.
- Huber, Wilhelm. (See Felix, F., and Huber.)
- Hubley Manufacturing Co., The. (See Brubaker, Jacob E., assignor.)
- Hubrich, Frank P. (See Boulanger, A. D., and Hubrich.)
- Hübsch, Moric G. (See Karpatt, J., and Hübsch.)
- Huck, Louis C., New York, N. Y. Cooling brakes. 1,924,060; Aug. 22.
- Huck, Louis C., New York, N. Y. Brake. 1,937,890; Dec. 5.
- Huck, Louis C., Grosse Pointe Village, Mich. Flexible brake operating means. 1,930,272; Oct. 10.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., New York, N. Y. Chuck. 1,912,201; May 30.
- Huck, William F., Richmond Hill, assignor to Irving Trust Company, receiver in equity for R. Hoe & Co., Inc., New York, N. Y. Plate graining machine. 1,925,963; Sept. 5.
- Hucknall, Hage W., Elyria, assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. Des. 89,962; May 23.
- Hudd, Alfred E., Surbiton, England, assignor, by mesne Chicago, Ill. Train control system. 1,910,437; assignments, to Associated Electric Laboratories, Inc. May 23.
- Hudd, Alfred E., Surbiton, England, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train stop and cab signal system. 1,917,372; July 11.
- Hudd, Alfred E., Surbiton, England, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train control system. 1,927,519; Sept. 19.
- Hudd, Alfred E., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train control system. 1,920,197; Aug. 1.
- Hudd, Alfred E., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train control system. 1,925,252; Sept. 5.
- Hudd, Alfred E., Chesham Bois, England, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train stop and cab signal system. 1,910,339; May 23.
- Huddle, Edwin F. (See Paradise, L. A., and Huddle.)
- Huddle, Edwin F., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Pitman for agricultural implements. 1,901,968; Mar. 21.
- Huddle, Edwin F., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Pitman. 1,933,909; Nov. 7.
- Huddleson, Ernest B., Santa Fe, N. Mex. Electric switch. 1,928,691; Oct. 3.

- Hudepohl, Fred H. (See Krueger, F. G., and Hudepohl.)
- Hudson, Arthur J., Lakewood, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Retaining member for use with pneumatic valve stems. 1,934,468; Nov. 7.
- Hudson, David W., Green Bay, Wis. Paper napkins and package thereof. 1,909,407; May 16.
- Hudson, Edwin B., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Automatic gauge for sheet metal shears. 1,900,933; Mar. 14.
- Hudson Electrical Heating Corporation. (See Colbie, Gus L., assignor.)
- Hudson Electrical Heating Corporation. (See Holinger, Emil F., assignor.)
- Hudson, H. D., Manufacturing Company. (See De Frees, Nicholas W., assignor.)
- Hudson, H. D., Manufacturing Company. (See Keating, Maurice H., assignor.)
- Hudson, H. D., Manufacturing Company. (See Zaloudek, W. A., Syverud, and Sayre, assignors.)
- Hudson, Henry G. (See Hearle, L. B., and Hudson.)
- Hudson, Henry H., assignor to H. W. Sanford, Knoxville, Tenn. Mine car. 1,908,674; May 9.
- Hudson Holding Corporation. (See Freedman, Benjamin H., assignor.)
- Hudson, John W., St. Albans, assignor to Henry Hyman, Brooklyn, N. Y. Switch plug. 1,940,865; Dec. 26.
- Hudson, Johnston W., Humboldt, Tenn. Bracing device. 1,909,178; May 16.
- Hudson Motor Car Company. (See Baits, S. G., and Whisler, assignors.)
- Hudson Motor Car Company. (See Baits, Stuart G., assignor.)
- Hudson Motor Car Company. (See Bartz, Arthur E., assignor.)
- Hudson Motor Car Company. (See Greig, James W., assignor.)
- Hudson Motor Car Company. (See Hopkins, R. Z., and Seger, assignors.)
- Hudson Motor Car Company. (See Hopkins, R. Z., Fellers, and Davey, assignors.)
- Hudson Motor Car Company. (See Hopkins, R. Z., Fellers, and Raymond, assignors.)
- Hudson Motor Car Company. (See Hoyos, Ernesto J., assignor.)
- Hudson Motor Car Company. (See Powell, Clarence H., assignor.)
- Hudson Motor Car Company. (See Seger, Earl, assignor.)
- Hudson Motor Car Company. (See Swegles, Ira B., assignor.)
- Hudson Motor Car Company. (See Toncray, M. H., and Greig, assignors.)
- Hudson, Norman, Ravensthorpe, England. Coin freed time controlling mechanism for valves and electric switches. 1,932,314; Oct. 24.
- Hudson, Patrick, New York, N. Y. Self-holding auto license frame. 1,905,874; Apr. 25.
- Hudson, Paul G., Carlisle, assignor to Callard & Bowser, Limited, London, England. Box. Des. 89,891; May 16.
- Hudson-Sharp Machine Company. (See Campbell, Samuel J., assignor.)
- Hudson, Thomas J., assignor to The Warner & Swasey Company, Cleveland, Ohio. Chuck. 1,900,934; Mar. 14.
- Hueber, Carl J., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,930,807; Oct. 17.
- Hueber, Henry. (See Horton, E. C., and Hueber.)
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Fluid pressure horn. 1,904,759; Apr. 18.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Horn. 1,909,828; May 16.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,911,155; May 23.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Fuel pump. 1,912,202; May 30.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Spare tire mirror. 1,917,192; July 4.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Horn system. 1,917,194; July 4.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper arm and mounting therefor. 1,920,145; July 25.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Horn. 1,920,147; July 25.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield construction and cleaner therefor. 1,929,531; Oct. 10.
- Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Automobile heater. 1,938,559; Dec. 5.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Fuel pump. 1,893,473; Jan. 8.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Packing for windshield cleaners. 1,896,792; Feb. 7.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Hanger for auxiliary wiper arms. 1,897,007; Feb. 7.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Fuel system for internal combustion engines. 1,912,203; May 30.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,913,308; June 6.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Vacuum stabilizer. 1,917,193; July 4.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Aeroplane window cleaner. 1,920,144; July 25.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Fluid operated motor. 1,920,146; July 25.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Fuel pump for motor vehicles. 1,926,005; Sept. 5.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Suction pump. 1,937,150; Nov. 28.
- Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner with remote control. 1,938,336; Dec. 5.
- Huebner, William C., Chicago, Ill. Photographic printing element. 1,912,482; June 6.
- Huebner, William C., Chicago, Ill. Preparing printing films. 1,914,126; June 13.
- Huebner, William C., Chicago, Ill. Registering table for printing. 1,914,127; June 13.
- Huebner, William C., Chicago, Ill. Composer printing machine. 1,923,671; Aug. 22.
- Huebner, William C., Chicago, Ill. Registering negatives for photographic printing machines. 1,933,059; Oct. 31.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Ventilator cabinet. 1,894,930; Jan. 17.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Ventilator. 1,927,833; Sept. 26.
- Hueglin, Herman C., assignor to Federal Merchandise Company, Chicago, Ill. Ventilating cabinet. 1,933,910; Nov. 7.
- Hueneburg, Hans, St. Louis, Mo. Vertically adjustable bracket and curtain rod support. 1,937,571; Dec. 5.
- Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Record support for phonographs. 1,915,494; June 27.
- Huenlich, Charles, Bloomfield, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Machine for shaving sound record tablets. 1,937,275; Nov. 28.
- Huessy, Walther. (See Trachsel, Ernst, assignor.)
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Steam generator. 1,912,204; May 30.
- Huet, André, Paris, France, assignor to Société Provia, Zug, Switzerland. Road machine. 1,912,897; June 6.
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Superheater. 1,924,922; Aug. 29.
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Regulating means for independently fired superheaters. 1,929,890; Oct. 10.
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Superheater. 1,938,699; Dec. 12.
- Huet, André, Paris, France, assignor to The Superheater Company, New York, N. Y. Indirectly heated boiler. 1,938,700; Dec. 12.
- Huey, Helen T., Stonehurst, Pa. Dishwashing tool and spray. 1,901,812; Mar. 14.
- Huff, Edward S., assignor to Ford Motor Company, Dearborn, Mich. Tachometer generator. 1,898,728; Feb. 21.
- Huff, Ernest, assignor to American Lace Paper Company, Milwaukee, Wis. Paper container. 1,918,811; July 18.
- Huff, Ernest, assignor to American Lace Paper Company, Milwaukee, Wis. Paper pulp plate. 1,938,909; Dec. 12.
- Huff, Ernest, Milwaukee, and A. Keiding, Whitefish Bay, Wis. Casting fiber articles. 1,899,197; Feb. 28.
- Huff, Hugo F., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for fractional distillation. 1,937,958; Dec. 5.
- Huff, John, Chicago, Ill. Self-centering expansible piston. 1,929,495; Oct. 10.
- Huff, Leslie R., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Automatic regulator for pumps. 1,924,930; Aug. 29.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Pump valve. 1,896,237; Feb. 7.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 1,901,969; Mar. 21.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Fluid heating apparatus. 1,901,970; Mar. 21.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for treating oils. 1,912,640; June 6.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for high temperature distillation. 1,916,319; July 4.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 1,937,959; Dec. 5.

- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil treatment. 1,938,836; Dec. 12.
- Huff, Thomas D. (See Burrows, Eastman A., assignor.)
- Huff, Walter T., Dayton, Ohio. Curtain stretcher. 1,913,710; June 13.
- Huff, Wilbert J. (See Lusby, Oscar W., assignor.)
- Huffaker, Lillian Y., Los Angeles, Calif. Time controlled indicator. 1,911,448; May 30.
- Huffer, Morton H., Warsaw, Ind. Automobile lift. 1,934,926; Nov. 14.
- Hufferd, George H. (See Crawford, F. C., and Hufferd.)
- Hufferd, George H., Detroit, Mich., assignor to Thomson Products Inc. Stamped metal self-adjusting bearing. 1,912,205; May 30.
- Hufferd, George H., F. C. Crawford, and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Inc., Cleveland, Ohio. Tie rod ball joint. 1,918,394; July 18.
- Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Inc., Cleveland, Ohio. Ball joint. 1,918,395; July 18.
- Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products, Incorporated, Cleveland, Ohio. Tie rod end assembly. 1,931,258; Oct. 17.
- Huffman, Charles E., Montclair, assignor to Jenkins Television Corporation, Jersey City, N. J. Television method and apparatus. 1,907,113; May 2.
- Huffman, Charles E., Montclair, N. J., assignor to Jenkins Television Corporation, Jersey City, N. J. Synchronizing system. 1,920,015; July 25.
- Huffman, Ford L. (See Huston, A. C., Simonsen, Gilliland, Huffman, Higgins, and Schrodeck.)
- Huffman, Horace M., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Burner for blow torches and the like. 1,919,945; July 25.
- Huffman, Louis, Toronto, Ontario, assignor to Appleford Paper Products Limited, Hamilton, Canada. Closure for containers. 1,931,762; Oct. 24.
- Huffman Manufacturing Company, The. (See Fulton, Paul D., assignor.)
- Huffman Manufacturing Company, The. (See Huffman, Horace M., assignor.)
- Huffman Manufacturing Company, The. (See Vahle, Edgar W., assignor.)
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Drill feeding mechanism. 1,909,179; May 16.
- Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricating device. 1,924,499; Aug. 29.
- Huffman, Otto V., Bedford Hills, N. Y. Ammunition. 1,896,515; Feb. 7.
- Huffman, Samuel C., Lincoln, Nebr. Storage file. 1,893,801; Jan. 10.
- Huffman, Samuel C., Lincoln, Nebr. Drawer. 1,894,445; Jan. 17.
- Huffman, Verner J. (See Campbell, Vergil W., assignor.)
- Huffman, William E., Dayton, Ohio. Aircraft training device. 1,927,938; Sept. 26.
- Huffman, William E., Dayton, assignor to The Aircraft Appliance Co., Springfield, Ohio. Device for training pilots in handling airplanes. 1,896,175; Feb. 7.
- Hufford, Charles, Detroit, Mich. Reinforcement for a water bucket mop wringing device. 1,922,733; Aug. 15.
- Hufford, Raymond, assignor to Monarch Governor Company, Detroit, Mich. Engine governor. 1,912,773; June 6.
- Hufschmidt, Carl, Westenfeld, near Wattenscheid, Germany. Powdered fuel furnace. 1,899,464; Feb. 28.
- Hug, Ernst, and H. Werdenberg, Neu-Allschwil, near Basel, assignor to the Firm Durand & Huguemin S. A., Basel, Switzerland. Gallocyanine dyestuffs. 1,895,545; Jan. 31.
- Hugetz, Edward, New York, N. Y. Fountain pen. 1,918,844; July 18.
- Huggett, Walter E. (See Blagden, J. W., and Huggett.)
- Hugh, Percy G. (See North, O. D., and Hugh.)
- Hughes, Albertine M. (See Jaggard, Ernest P., assignor.)
- Hughes, Burton S., W. H. Eggert, and S. Hughes, assignors to Zarembo Company, Buffalo, N. Y. Method of and apparatus for evaporating solutions. 1,917,841; July 11.
- Hughes, Charles H., Hackensack, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. By-product coke oven. 1,899,275; Feb. 28.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Checkerbrick. 1,927,834; Sept. 26.
- Hughes, Charles R., Altoona, Pa. Loading machine. 1,915,021; June 20.
- Hughes, Charles W., Oakmont, Pa. Kite. 1,892,985; Jan. 3.
- Hughes Development Company, Ltd. (See Burns, Bruce, assignor.)
- Hughes, Edgar F. (See Dierker, Hugh E., assignor.)
- Hughes, Edward L., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming hollow glassware. 1,919,162; July 18.
- Hughes, Edward P., assignor of sixty per cent to W. A. Wood, Detroit, Mich. Liquid level gauge. 1,900,851; Mar. 7.
- Hughes, Edwin A., assignor to Boeing Airplane Company, Seattle, Wash. Metallic airfoil. 1,902,956; Mar. 28.
- Hughes, Eugene R., and A. H. Borwick, Huntington Park, assignors to J. C. Harris, Los Angeles, Calif. Ornament fastener. 1,909,353; May 16.
- Hughes, Frederick G., assignor to The New Departure Manufacturing Company, Bristol, Conn. Gauging apparatus. 1,893,205; Jan. 3.
- Hughes, Frederick G., assignor to The New Departure Manufacturing Company, Bristol, Conn. Grinding machine. 1,902,555; Mar. 21.
- Hughes, Frederick G., assignor to The New Departure Manufacturing Company, Bristol, Conn. Clutch. 1,929,782; Oct. 10.
- Hughes, Grover A., assignor to Truscon Steel Company, Youngstown, Ohio. Electrically welding metal joists and the like. 1,939,395; Dec. 12.
- Hughes, Howard R. (See Stewart, C. D., and Hughes.)
- Hughes, Hughie V., assignor of one-third to J. A. Weaver, Oakland, Calif. Combined positive drive with differential characteristics and free-wheeling. 1,902,449; Mar. 21.
- Hughes Industries Co., Ltd. (See Burns, B., and Fitch, assignors.)
- Hughes Industries Co. Ltd. (See Crespinel, William T., assignor.)
- Hughes Industries Co. Ltd. (See Crespinel, W. T., and Prynn, assignors.)
- Hughes Industries Co. Ltd. (See Taylor, Loren E., assignor.)
- Hughes, James F., New York, N. Y. Mouthpiece for cigarettes. 1,916,799; July 4.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Automobile. Des. 89,191; Feb. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Radiator. Des. 89,345; Feb. 28.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Automobile body. Des. 89,346; Feb. 28.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined radiator, hood, fender, and head lamp casing. Des. 89,377; Feb. 28.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender and head lamp casing for vehicles. Des. 89,426; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp casing, parking lamp casing, and horn casing. Des. 89,427; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp casing, and combined parking lamp and horn casing. Des. 89,428; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp, parking lamp, and horn casing. Des. 89,429; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp casing, parking lamp casing, and horn casing. Des. 89,430; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp casing, and parking lamp casing. Des. 89,431; Mar. 7.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp, parking lamp, and horn casing. Des. 89,699; Apr. 25.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp, parking lamp, and horn casing. Des. 89,700; Apr. 25.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp, parking lamp, and horn casing. Des. 89,701; Apr. 25.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender and head lamp casing. Des. 89,702; Apr. 25.
- Hughes, James R., South Bend, Ind., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Combined fender, head lamp casing, parking lamp casing, and horn casing. Des. 89,703; Apr. 25.
- Hughes, James R., assignor to The Studebaker Corporation, South Bend, Ind. Head lamp lens. 1,899,964; Mar. 7.
- Hughes, James R., assignor to The Studebaker Corporation, South Bend, Ind. Doorlock. 1,923,149; Aug. 22.
- Hughes, James W., Atlantic City, N. J. Mechanical golf game. 1,908,359; May 9.
- Hughes, James W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Rivet feeding machine. 1,923,377; Aug. 22.
- Hughes, James W., assignor to Chrysler Corporation, Detroit, Mich. Generating odontograph. 1,924,405; Aug. 29.
- Hughes, James W., assignor to Chrysler Corporation, Detroit, Mich. Clutch booster. 1,927,643; Sept. 19.
- Hughes, Jess W., assignor of forty per cent to E. Defreese, San Luis Obispo, Calif. Brake equalizer. 1,936,511; Nov. 21.

- Hughes, John T., Chicago, Ill. Triple control means for landing gear wheel brakes of airplanes. 1,898,836; Feb. 21.
- Hughes, Lafayette M. (See Mitchell, Thomas A., assignor.)
- Hughes, Leo P., Lakewood, assignor to The Reeves Manufacturing Company, Dover, Ohio. Automobile block. 1,914,743; June 20.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Pressure regulator. 1,897,517; Feb. 14.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Fluid pressure regulator. 1,922,954; Aug. 15.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Fluid pressure regulator. 1,931,386; Oct. 17.
- Hughes, Ralph L., et al. (See Walker, Robinson M., assignor.)
- Hughes, Richard L., and E. Baguley, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Loading structure for a signaling conductor. 1,900,935; Mar. 14.
- Hughes, Thomas B., Granite City, Ill., and W. Zellweger, St. Louis, Mo. Electric ignition and starting apparatus for internal combustion engines. 1,898,370; Feb. 21.
- Hughes, Thomas C., Newcastle-upon-Tyne, assignor to Larmuth & Bulmer Limited, Manchester, England. Bobbin or spool winding machine. 1,903,261; Mar. 28.
- Hughes, Thomas L., Youngstown, Ohio, and A. E. Twist, Jr., Rutherford, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. Mandrel. 1,921,125; Aug. 8.
- Hughes, Thomas L., Youngstown, Ohio, and A. E. Twist, Jr., Rutherford, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. Apparatus for manufacture of spiral shells for concrete piles. 1,932,271; Oct. 24.
- Hughes, Thomas S., Patchogue, N. Y. Lock for automobiles, etc. 1,917,973; July 11.
- Hughes Tool Company. (See Burns, Bruce, assignor.)
- Hughes Tool Company. (See Burns, B., and Lewis, assignors.)
- Hughes Tool Company. (See Evans, Seth, assignor.)
- Hughes Tool Company. (See Evans, S., and Herrington, assignors.)
- Hughes Tool Company. (See Fletcher, Harold W., assignor.)
- Hughes Tool Company. (See Fletcher, H. W., and Kull, assignors.)
- Hughes Tool Company. (See Fletcher, H. W., and Scott, assignors.)
- Hughes Tool Company. (See Herrington, John A., assignor.)
- Hughes Tool Company. (See Lunsford, Robert C., Jr., assignor.)
- Hughes Tool Company. (See MacDonald, Archie A., assignor.)
- Hughes Tool Company. (See McKellar, Marion S., assignor.)
- Hughes Tool Company. (See Ricker, Norman H., assignor.)
- Hughes Tool Company. (See Ricker, N. H., and Fletcher, assignors.)
- Hughes Tool Company. (See Scott, Floyd L., assignor.)
- Hughes Tool Company. (See Scott, F. L., and Garfield, assignors.)
- Hughes Tool Company. (See Sherman, R. P., and Fletcher, assignors.)
- Hughes Tool Company. (See Watters, Egbert K., assignor.)
- Hughes Tool Company. (See Wellensiek, Louis H., assignor.)
- Hughes Tool Company. (See Wellensiek, L. H., and Smith, assignors.)
- Hughes Tool Company. (See Woods, Gorham W., assignor.)
- Hughes Tool Company. (See Woods, Henry B., assignor.)
- Hughes, Walter J., assignor to General Zeolite Co., Chicago, Ill. Automatic filter wash control. 1,892,951; Jan. 3.
- Hughes, Walter J., assignor to General Zeolite Company, Chicago, Ill. Four-way hydraulic switch. 1,930,557; Oct. 17.
- Hughes, Walter J., assignor to General Zeolite Co., Chicago, Ill. Fluid flow controller. 1,934,713; Nov. 14.
- Hughes, Walter J., W. H. Green, and A. B. Hodges, assignors to General Zeolite Company, Chicago, Ill. Vapor purifier. 1,897,727; Feb. 14.
- Hughes, Walter J., and W. H. Green, assignors to General Zeolite Company, Chicago, Ill. Boiler control. 1,916,426; July 4.
- Hughes, William A. (See Crammond, E. D., and Hughes.)
- Hughes, William E., Chicago, Ill., assignor to Sullivan Machinery Company. Pump controlling mechanism. 1,920,985; Aug. 8.
- Hughes, William F. (See Ruesenberg, C. A., and Hughes.)
- Hughes, William F., assignor to Rockford Drilling Machine Co., Rockford, Ill. Clutch. 1,921,315; Aug. 8.
- Hughes, William F., assignor to Rockford Drilling Machine Co., Rockford, Ill. Friction clutch. 1,923,438; Aug. 22.
- Hughes, William F., assignor to Rockford Drilling Machine Co., Rockford, Ill. Friction clutch. 1,937,083; Nov. 28.
- Hughes, William J., Mason City, Iowa, assignor to American Engineering Company. Tuyère. 1,930,897; Oct. 17.
- Hughson, Edwin B., Big Indian, N. Y. Fuse. 1,912,276; May 30.
- Hughson, Edwin B., Big Indian, N. Y. Filter. 1,917,121; July 4.
- Huglen, John B., Mount Vernon, N. Y. Air intake manifold for use on Diesel engines. 1,930,201; Oct. 10.
- Huguenin, Albert, Paris, France. Device for cooling of compressors with pistons. 1,898,729; Feb. 21.
- Huguenin, Albert, Paris, France. Adjustable gate for both ways of flow in substantially horizontal sluices. 1,920,698; Aug. 1.
- Huguenin, Georges, Le Locle, Switzerland. Watchcase. 1,908,150; May 9.
- Hugy, Charles W., San Jose, Calif. Stove. 1,934,428; Nov. 7.
- Huisman, Johann, and H. Schweitzer, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Reserving of animal fibers. 1,902,450; Mar. 21.
- Huisman, Johann, Leverkusen-on-the-Rhine, and G. Mauthe, Cologne-Holweide, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning agent. 1,938,022; Dec. 5.
- Huizinga, Willem, Amsterdam, Netherlands. Traffic signal. 1,921,359; Aug. 8.
- Hukill, Harold N., Inglewood, Calif. Razor. 1,923,439; Aug. 22.
- Huking, Harry W., Reno, Nev. Internally lighted wind cone. 1,913,672; June 13.
- Hulander, Henry N., and C. F. W. Forssberg, Brooklyn, N. Y. Rocking device. 1,911,572; May 30.
- Hulbert, Edwin F., Glen View, assignor to Petrolagor Laboratories, Incorporated, Niles Center, Ill. Cooling apparatus. 1,930,808; Oct. 17.
- Hulbert, John L., Poughkeepsie, assignor to The DeLaval Separator Company, New York, N. Y. Milking machine teat cup. 1,916,839; July 4.
- Hulbert, John L., Poughkeepsie, assignor to The DeLaval Separator Company, New York, N. Y. Pulsator for milking machines. 1,924,931; Aug. 29.
- Hulbert, William R., Chicago, Ill. Combustion device. 1,903,308; Apr. 4.
- Hulburt, Edward O., Washington, D. C. Mercury arc apparatus. 1,907,386; May 2.
- Hulburt, Edward O., and C. Bittinger, Washington, D. C. Visibility meter and measuring visibility. 1,934,310; Nov. 7.
- Hulett, John B. (See Ittner, George W., assignor.)
- Hulin, Paul L., Grenoble, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Electrolytic extraction of light metals contained in alloys. 1,910,017; May 23.
- Hull, Albert W. (See Found, C. G., Hull, and Smith.)
- Hull, Albert W. (See Suits, C. G., and Hull.)
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Electron discharge device. 1,900,559; Mar. 7.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Lightning arrester. 1,906,602; May 2.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Cooling of iron mercury rectifiers. 1,909,105; May 16.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Transmission of electric power. 1,918,105; July 11.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Track relay. 1,919,064; July 18.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Cathode structure for thermionic devices. 1,924,319; Aug. 29.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Thermionic cathode lamp and operating the same. 1,929,143; Oct. 3.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 1,933,329; Oct. 31.
- Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Light sensitive apparatus. 1,938,426; Dec. 5.
- Hull, Albert W., and W. A. Ruggles, Schenectady, N. Y., assignors to General Electric Company. Thermionic device. 1,924,318; Aug. 29.
- Hull, Burt E. (See Gray, G. W., and Hull.)
- Hull, Clifford O., Stratford, Conn., assignor to General Electric Company. Rubber insulated electrical cable. 1,895,927; Jan. 31.
- Hull, Clifford O., Stratford, Conn., assignor to General Electric Company. Flexible metallic conduit. 1,939,451; Dec. 12.
- Hull, Foster J., Hagerstown, Md., assignor to Pangborn Corporation. Sand blast machine for applying pressure to abrasive. 1,901,450; Mar. 14.
- Hull, Foster J., assignor to Pangborn Corporation, Hagerstown, Md. Continuously operating sand blast apparatus. 1,907,198; May 2.
- Hull, George S., assignor of one-third to I. B. Winsor, one-sixth to O. W. Yates, and one-sixth to L. M. Freeman, Tulsa, Okla. Air motor. 1,925,445; Sept. 5.

- Hull, Harry B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,904,980; Apr. 18.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 1,908,248; May 9.
- Hull, Harry B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,920,508; Aug. 1.
- Hull, Harry B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,922,091; Aug. 15.
- Hull, Harry B., assignor to Frigidaire Corporation, Dayton, Ohio. Compressor unit. 1,922,092; Aug. 15.
- Hull, Harry B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,926,384; Sept. 12.
- Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 1,940,717; Dec. 26.
- Hull, John C., assignor to "Friend" Manufacturing Company, Gasport, N. Y. Spray gun. 1,921,923; Aug. 8.
- Hull, John I., Schenectady, N. Y., assignor to General Electric Company. Control of induction apparatus. 1,893,328; Jan. 3.
- Hull, John I., Schenectady, N. Y., assignor to General Electric Company. Adjustable speed alternating current commutator motor. 1,922,810; Aug. 15.
- Hull, John I., Swampscott, Mass., assignor to General Electric Company. Speed control. 1,901,650; Mar. 14.
- Hull, John I., Swampscott, Mass., assignor to General Electric Company. Alternating current self-excited commutator type generator. 1,934,469; Nov. 7.
- Hull, Monroe R., Anaconda, Mont. Pump. 1,893,776; Jan. 10.
- Hull, Nathaniel D., La Fayette, Ind. Liquid flow indicator. 1,893,233; Jan. 3.
- Hull, Robert W., assignor to Rex Manufacturing Co. Inc., Connersville, Ind. Refrigerator cabinet. 1,918,911; July 18.
- Hull, Robert W., assignor to Rex Manufacturing Company, Connersville, Ind. Refrigerator cabinet. 1,926,947; Sept. 12.
- Hull, Rubert A., Andover, Ill. Combination portrait monument. 89,766; May 2.
- Hull, Walter A., Oak Park, Ill. Tunnel kiln. 1,923,729; Aug. 22.
- Hull, William, Blackburn, England. Loose binding or cover for periodicals and the like. 1,914,859; June 20.
- Hulland, Ernest J., Chippewa on the Lake, and N. A. Vorce, Medina, Ohio. Feeding apparatus. 1,934,980; Nov. 14.
- Hullings, Otis H., Alexandria, Va. Laundry machine. 1,931,410; Oct. 17.
- Hulsart, Charles A., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Tube seat. 1,908,020; May 9.
- Hulsart, Charles A., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheater arrangement in water-tube boiler. 1,934,714; Nov. 14.
- Hulse, Albert J., assignor to H. A. Brassert & Company, Chicago, Ill. Supporting construction for regenerator brick. 1,933,114; Oct. 31.
- Hulse, George E., assignor, by mesne assignments, to the Safety Car Heating and Lighting Company, New Haven, Conn. Heater control system. 1,897,980; Feb. 14.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Refrigeration. 1,899,036; Feb. 28.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Generator driving apparatus. 1,909,963; May 23.
- Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Temperature regulating apparatus. 1,932,408; Oct. 31.
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 1,898,665; Feb. 21.
- Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Feeding device for rock drills. 1,898,999; Feb. 28.
- Hulson, Arthur W., Keokuk, Iowa. Furnace grate. 1,895,511; Jan. 31.
- Hulson, Arthur W., Keokuk, Iowa. Dumping section for grates. 1,906,227; May 2.
- Hulson, Arthur W., Keokuk, Iowa. Finger plate locking means. 1,906,228; May 2.
- Hulst, Clarence P., Talbot County, Md. Drip pan. 1,918,912; July 18.
- Hult, John A., Cleveland, and P. M. Colquhoun, Lakewood, Ohio, assignors, by mesne assignments, to Multigraph Company, Wilmington, Del. Stripping and truing address plates. 1,897,125; Feb. 14.
- Hult, Oskar O., Stockholm, and O. F. Hellström, Gottemborg, Sweden. Sash window and sash door. 1,895,098; Jan. 24.
- Hultberg, Irving A., Irvington, N. J., assignor to American Art-Char. Inc. Apparatus for making charcoal sticks. 1,933,141; Oct. 31.
- Hultgren, Charles R., assignor to S. Karpen & Bros., Chicago, Ill. Chair or seat. 1,898,448; Feb. 21.
- Hultgren, Charles R., assignor to S. Karpen & Bros., Chicago, Ill. Reversible seat or chair. 1,902,282; Mar. 21.
- Hultgren, Charles R., assignor to S. Karpen & Bros., Chicago, Ill. Reversible seat or chair. 1,916,800; July 4.
- Hultine, Edward, Harvard, Nebr. Hen nest. 1,923,980; Aug. 22.
- Hultquist, Charles A., Los Angeles, Calif., assignor to Independent Pneumatic Tool Company, Chicago, Ill. Rock drill mounting. 1,914,430; June 20.
- Hultquist, Charles A., Los Angeles, Calif. Control valve mechanism for pneumatic drills. 1,934,927; Nov. 14.
- Hultquist, Victor J., Alcoa, Tenn. Tile edge forming apparatus. 1,899,237; Feb. 28.
- Human, Arnold H., Newbury, assignor to Electrical Improvements Limited, Newcastle-upon-Tyne, England. Control of alternating current motors and their supply circuits. 1,923,624; Aug. 22.
- Humason, Granville A., Houston, Tex. Pumping apparatus. 1,901,031; Mar. 14.
- Humason, Granville A., Houston, Tex. Slip. 1,933,172; Oct. 31.
- Humason, Granville A., assignor to Reed Roller Bit Company, Houston, Tex. Sample taking apparatus. 1,940,866; Dec. 26.
- Humason, Granville A., and W. A. Raymond, Houston, Tex. Tubing head. 1,900,714; Mar. 7.
- Humason, John P. (See Kater, A. C., and Humason.)
- Humbert, Jacob Z., North Canton, Ohio. Lid straightening and sealing tool. 1,903,388; Apr. 4.
- Humble Oil & Refining Company. (See Simpson, James A., assignor.)
- Humboldt, August L., San Francisco, Calif. Bottle protector and heat insulator. 1,939,777; Dec. 19.
- Humboldt-Deutzmonteur A. G. (See Breidenreuter, Fritz, assignor.)
- Hume, Damon M., Redkey, Ind. Device for depositing salt in canned goods. 1,899,619; Feb. 28.
- Hume, George B., and G. W. Walls, Kansas City, Mo. Incandescent lamp guard. 1,921,295; Aug. 8.
- Hume, George M., Fresno, Calif. Galley. 1,921,410; Aug. 8.
- Hume, Horace D., and J. E. Love, Garfield, Wash. Harvesting machine. 1,926,538; Sept. 12.
- Hume, John, Houston, Tex. Coin assorting machine. 1,927,265; Sept. 19.
- Hume, John, Houston, Tex., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid control device. 1,914,602; June 20.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 1,925,662; Sept. 5.
- Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 1,937,572; Dec. 5.
- Hume Steel Limited. (See Cosgrove, Claude, assignor.)
- Hume Steel Limited. (See Halkyard, C. C., and Cosgrove, assignors.)
- Humer, Frank, assignor to General Motors Corporation, Detroit, Mich. Automobile body. 1,902,999; Mar. 28.
- Humes, Homer C., and G. L. Robinson, Los Angeles, Calif. Screw driver with screw holders. 1,925,385; Sept. 5.
- Humidity Control Company. (See Goss, Worth C., assignor.)
- Hummel, Frederick E., Hopewell, Va. Game device. 1,925,924; Sept. 5.
- Hummel, Frederick E., and A. W. Foley, Hopewell, Va. Grain door. 1,895,625; Jan. 31.
- Hummel, John P., Hopewell, Va. Paper towel dispenser. 1,937,960; Dec. 5.
- Hummel, Willard A., assignor to American Engineering Company, Philadelphia, Pa. Hoisting apparatus. 1,903,235; Mar. 28.
- Hummel, Willard A., assignor to American Engineering Company, Philadelphia, Pa. Control system for hoisting apparatus. 1,938,071; Dec. 5.
- Hummel, Willard A., and E. R. Jones, assignors to American Engineering Company, Philadelphia, Pa. Drum for a hoisting device. 1,912,483; June 6.
- Hummell, John E., assignor to Flange and Tools, Inc., Cleveland, Ohio. Tube flanging device. 1,935,714; Nov. 21.
- Hummer, Charles W., Brooklyn, N. Y. Toy vehicle. 1,893,897; Jan. 10.
- Hummert, Robert H., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Electric switch mounting for vehicle spot lamps. 1,918,845; July 18.
- Hummert, Robert H., and G. E. Gravenstine, assignors to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Safety closure fastener for windows and doors. 1,933,626; Nov. 7.
- Hummon, Irvin F., jr., Berwyn, Ill. Arc lamp. 1,935,907; Nov. 21.
- Hump Hairpin Manufacturing Company, The. (See Hermsdorf, Walter H., assignor.)
- Hump Hairpin Manufacturing Company. (See Willi, Frederick D., assignor.)
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Transparent seal. 1,922,767; Aug. 15.
- Humphrey, A. B., Company. (See Greene, Fred E., assignor.)
- Humphrey, Carroll L. (See Sanders, R. C., and Humphrey.)
- Humphrey, Carroll L., Detroit, and R. K. Lee, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Oscillating joint. 1,895,663; Jan. 31.

- Humphrey, Carroll L., Detroit, and R. K. Lee, Highland Park, assignors to Chrysler Corporation, Detroit, Mich. Oscillating joint. 1,940,302; Dec. 19.
- Humphrey, Don B., assignor to McHenry-Millhouse Manufacturing Company, South Bend, Ind. Roofing. Des. 89,639; Apr. 18.
- Humphrey, Frederick J., Ilford, assignor to Armaflex Parent, Limited, London, England. Cable making and like machine. 1,896,087; Feb. 7.
- Humphrey, Herbert S., assignor to H. L. G. Company, Kalamazoo, Mich. Valve casing. Des. 89,465; Mar. 14.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Producing paracycene. 1,893,802; Jan. 10.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,897,379; Feb. 14.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 1,905,173; Apr. 25.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Treating pine oil for the separation of components therefrom. 1,928,020; Sept. 26.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Rosin composition. 1,931,226; Oct. 17.
- Humphrey, Irvin W., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Separating certain components from pine oil. 1,932,183; Oct. 24.
- Humphrey, Lee S., Fargo, N. Dak., assignor to M. E. Breuer, Park Rapids, Minn. Roundabout. 1,925,324; Sept. 5.
- Humphrey, Otis L., Lowell, Mass. Slub catcher. 1,897,518; Feb. 14.
- Humphrey, Ralph P., Kansas City, Mo. Corn popping kettle. 1,911,622; May 30.
- Humphrey, Samuel A., Portland, Oreg. Making moisture resisting decorated panned candy. 1,931,409; Oct. 17.
- Humphrey, Walter E. (See Bowers, A. C., and Humphrey.)
- Humphrey, Walter E., Jeannette, Pa., assignor to Pennsylvania Rubber Company. Extrusion press. 1,914,689; June 20.
- Humphrey, Walter E., Jeannette, Pa., assignor to Pennsylvania Rubber Company. Apparatus for branding articles. 1,922,852; Aug. 15.
- Humphrey, Walter E., Jeannette, Pa., assignor to Pennsylvania Rubber Company. Machinery for making hollow rubber balls. 1,934,855; Nov. 14.
- Humphreys, Austin G., Brighton, England. Assisting and testing the memory. 1,902,404; Mar. 21.
- Humphreys, Charles F., assignor to Armstrong Cork Company, Lancaster, Pa. Surface covering such as linoleum. 1,901,559; Mar. 14.
- Humphreys, Charles F., assignor to Armstrong Cork Company, Lancaster, Pa. Making flexible hard surfaced covering. 1,911,364; May 30.
- Humphreys, Charles F., assignor to Armstrong Cork Company, Lancaster, Pa. Manufacture of molded inlaid linoleum. 1,912,581; June 6.
- Humphreys, Guy F., Minot, N. Dak., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,936,302; Nov. 21.
- Humphreys, Harry S., assignor to Armstrong Cork Company, Lancaster, Pa. Ornamental hard surface covering. 1,929,277; Oct. 3.
- Humphreys, Herbert, Memphis, Tenn. Making vegetable oil shortenings. 1,929,588; Oct. 10.
- Humphreys, Hoxie H., Phoenix, Ariz. Cooling system. 1,904,686; Apr. 18.
- Humphreys, Hubert. (See Guinness, Edward E., assignor.)
- Humphries, Albert, Taft, Tex. Highway railroad crossing. 1,932,895; Oct. 31.
- Hunaeus, Herman H., Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Pumping mechanism. 1,927,497; Sept. 19.
- Hunciker, Karl, assignor to I. E. McCabe, Chicago, Ill. Switch cover. 1,922,698; Aug. 15.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Signaling system. 1,893,029; Jan. 3.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Phase multiplier. 1,896,747; Feb. 7.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Modulation system. 1,898,486; Feb. 21.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Cascade amplifier. 1,901,558; Mar. 14.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Detector circuit for three-element gaseous discharge tubes. 1,905,873; Apr. 25.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Space discharge tube and mounting therefor. 1,922,047; Aug. 15.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. High frequency generator and modulator. 1,925,534; Sept. 5.
- Hund, August, West Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Frequency multiplier. 1,929,067; Oct. 3.
- Hund, August, Bethesda, Md., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Frequency control system. 1,896,238; Feb. 7.
- Hund, August, Bethesda, Md., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Frequency multiplication system. 1,908,249; May 9.
- Hund, August, Bethesda, Md., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Piezo-electric plate. 1,908,479; May 9.
- Hund, August, Bethesda, Md., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Modulation system. 1,933,735; Nov. 7.
- Hund, Franz, Cleveland, Ohio. Valve spring compressing tool. 1,896,239; Feb. 7.
- Hund, Franz, Cleveland, Ohio. Advertising device. 1,900,061; Mar. 7.
- Hund, Walter J. (See Rosenstein, L., and Hund.)
- Hundt & Weber Gesellschaft mit beschränkter Haftung. (See Raym, W., Mertens, and Salzer, assignors.)
- Hundt, Willi, assignor to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Container construction. 1,931,798; Oct. 24.
- Hungerbühler, Paul, Oberwil, Switzerland, assignor to Landis & Gyr, A.-G. Horological mechanism. 1,902,126; Mar. 21.
- Hungerford, Charles S., Watertown, assignor to The American Metal Hose Company, Waterbury, Conn. Flexible metal tubing. 1,913,390; June 13.
- Hungerford, Warren H., Chicago, Ill. Wire baking pan. 1,906,603; May 2.
- Hunker, Martin L. (See Carroll, J., and Hunker.)
- Hunsperger, Frieda. (See Heinicke, W., and Hunsperger.)
- Hunt, Albert P. (See MacLachlan, John C., assignor.)
- Hunt, Andrew M., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,925,663; Sept. 5.
- Hunt, Carl W., Los Angeles, and A. H. McRae, Glendale, Calif., assignors, by mesne assignments, to Johnson-March Corporation, Long Island City, N. Y. Bituminous article of manufacture. 1,912,142; May 30.
- Hunt, Charles, Washington, D. C. Lifeboat detaching gear. 1,925,758; Sept. 5.
- Hunt, Charles G., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,904,642; Apr. 18.
- Hunt, Charles L., and N. J. Hill, assignors to Non-Refillable Container, Inc., St. Louis, Mo. Valve for liquid containers. 1,898,303; Feb. 21.
- Hunt, Clinton H. (See Williams, J. C., Williamson, Echols, Hunt, and Vreeland.)
- Hunt, Edward M. (See Fonseca, E. L., Hunt, and Barnum.)
- Hunt, Edward M., Montclair, and E. L. Fonseca, assignors to The Wilcolator Company, Newark, N. J. Air conditioning apparatus. 1,900,501; Mar. 7.
- Hunt, Emma F., New York, N. Y. Combination machine and wood screw. 1,897,196; Feb. 14.
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Refrigerating system. Re18,795; Apr. 11.
- Hunt, Franklin B., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Manipulating pressure-containing drums. 1,933,060; Oct. 31.
- Hunt, Franklin L., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fluid-treating apparatus. 1,895,760; Jan. 31.
- Hunt, Frederick G., Chelmsford, England, assignor to Radio Corporation of America. Holder for electrical apparatus. 1,907,968; May 9.
- Hunt, George H. (See Dickieson, Edward F., jr., assignor.)
- Hunt, George H., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,926,385; Sept. 12.
- Hunt, George H., South Bend, and J. E. Downs, Indianapolis, Ind., assignors to Bendix Brake Company, Chicago, Ill. Brake operating mechanism. 1,932,896; Oct. 31.
- Hunt, George S., Chicago, Ill. Dispensing device. 1,914,690; June 20.
- Hunt, George W., Baltimore, Md. Anticreeper. 1,935,562; Nov. 14.
- Hunt, Herbert W. and P. Manchester, England. Machine for sharpening screwing taps and the like. 1,902,240; Mar. 21.
- Hunt, Horace S. (See Langenberg, F. C., Hunt, and Reddick.)
- Hunt, J. Harold, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Demountable spoked wheel. 1,917,034; July 4.
- Hunt, J. Harold, and H. J. Horn, assignor to Motor Wheel Corporation, Lansing, Mich. Wire wheel hub shell assembly. 1,910,250; May 23.
- Hunt, Horace S., Burlington, and P. L. Arnold, Edgewater Park, assignors to United States Pipe and Foundry Company, Burlington, N. J. Feeding device for finely divided material. 1,939,703; Dec. 19.
- Hunt, James V., Washington, D. C. Massaging device. 1,936,022; Nov. 21.
- Hunt, Jarvis, Chicago, Ill. Elevator system. 1,930,239; Oct. 10.
- Hunt, John B., Penylan, Cardiff, Wales. Boat lowering gear. 1,895,076; Jan. 24.
- Hunt, John F. (See Key, James M., assignor.)

- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch mechanism. 1,923,378; Aug. 22.
- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Double inertia check for synchronizing clutches. 1,923,379; Aug. 22.
- Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Brake shoe. 1,937,891; Dec. 5.
- Hunt, John H., and O. Rasmussen, Detroit, Mich. Synchronizing clutch mechanism for automobile transmission. 1,923,380; Aug. 22.
- Hunt, Lenoir, Houston, Tex. Street marker. 1,908,360; May 9.
- Hunt, Lloyd E., Eatontown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Short wave transmission. 1,939,053; Dec. 12.
- Hunt, Lloyd P., Los Angeles, and F. B. Doolittle, Glendale, Calif. System for power line protection. 1,940,303; Dec. 19.
- Hunt, Otis B., Croydon, Pa. Automatic nonbacking automobile brake. 1,933,265; Oct. 31.
- Hunt, Percy. (See Hunt, Herbert W. and P.)
- Hunt, Ray R., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Liner. 1,908,425; May 9.
- Hunt, Rodney, Machine Company. (See Jefferson, Eugene D., assignor.)
- Hunt-Spiller Manufacturing Corporation. (See Ellet, Victor W., assignor.)
- Hunt, Sylvester H., Norfolk, Va. Stapling machine. 1,917,122; July 4.
- Hunt, Warren T. (See Boughton, S. J., and Hunt.)
- Hunt, Warren T., assignor to The Willys Overland Co., Toledo, Ohio. Sheet metal lever. 1,917,715; July 11.
- Hunt, William, assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md. Fluid pressure regulator. 1,914,776; June 20.
- Hunt, William R., Santa Barbara, Calif. Electrically heated bathroom mirror. 1,938,173; Oct. 31.
- Hunt, Wilson P., and R. E. Herstrum, assignors to Moline Tool Company, Moline, Ill. Worktable for drill presses. 1,923,440; Aug. 22.
- Hunt, Wilson P., and H. Fink, Moline, Ill. Gear mechanism for drilling machines. 1,935,715; Nov. 21.
- Hunthach, James, Nottingham, England. Embroidery machine. 1,895,994; Jan. 31.
- Hünten, Alfred T., deceased, Koppert in the Taunus, by Gertrud Hünten, administratrix, Frankfurt-on-the-Main, Germany. Automatic machine for the manufacture of soap bars. 1,903,920; Apr. 18.
- Hünten, Gertrud, administratrix. (See Hünten, Alfred T.)
- Hunter, Alfred R. (See Mulholland, V., and Hunter.)
- Hunter, Charles E., Wimbledon, assignor to The Accounting & Tabulating Corporation of Gt. Britain Limited, London, England. Counter-pressure member for sheet feeding and like machines. 1,897,054; Feb. 14.
- Hunter, Charles R. (See Smith, C. C., Hunter, and Pierce.)
- Hunter, Charles R., and R. M. Pierce, Los Angeles, assignors to Universal Pictures Corporation, Universal City, Calif. Film processing machine and method. 1,896,525; Feb. 7.
- Hunter, David E., assignor to The Shaw-Walker Company, Muskegon, Mich. Metal desk construction. 1,907,969; May 9.
- Hunter, David E., assignor to The Shaw-Walker Company, Muskegon, Mich. Mounting for sliding drawers. 1,938,908; Dec. 12.
- Hunter, Edward. (See Bosserdet, A. E., and Hunter.)
- Hunter, Frank A., et al., administrators. (See Rush, Albert.)
- Hunter, Frank B., Indianapolis, Ind. Observation port. 1,921,230; Aug. 8.
- Hunter, Frederick L., jr., Towaco, assignor to De Forest Radio Telephone & Telegraph Co., Jersey City, N. J. Making electron discharge device. 1,897,480; Feb. 14.
- Hunter, Frederick L., jr., Lake Bluff, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Electrode and making same. 1,909,680; May 16.
- Hunter, Frederick L., jr., Lake Bluff, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Electrode and making the same. 1,922,244; Aug. 15.
- Hunter, Frederick L., jr., Lake Bluff, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Manufacture of gaseous conduction devices. 1,922,245; Aug. 15.
- Hunter, Frederick L., jr., Lake Bluff, assignor to Fansteel Products Company, Inc., North Chicago, Ill. Electrode and making same. 1,926,336; Sept. 12.
- Hunter, Herbert T., Baltimore, Md., assignor to Doughnut Machine Corporation, New York, N. Y. Automatic cooking apparatus. 1,904,370; Apr. 18.
- Hunter, Herbert T., assignor to Doughnut Machine Corporation, New York, N. Y. Method of and apparatus for cooking doughnuts and the like. 1,927,786; Sept. 19.
- Hunter, Hugh M., Cleveland, Ohio, and C. H. Hoisington, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio. Slotting attachment for spindle machines. 1,910,167; May 23.
- Hunter, John C., Old Hickory, Tenn. Multiplying attachment for cameras. 1,936,512; Nov. 21.
- Hunter, John L., assignor to Ahlbell Battery Container Corporation, Waukegan, Ill. Press for plastic material. 1,893,234; Jan. 3.
- Hunter, Norman M. (See Burrill, L. C., Boeler, and Hunter.)
- Hunter, Oliver W., assignor of one-half to R. A. Northcott, Los Angeles, Calif. Drain pipe cleaning composition. 1,938,560; Dec. 5.
- Hunter, Percy E., Pittsburgh, Pa. Railing structure. 1,906,270; May 2.
- Hunter, Percy E., and L. E. Endsley, Pittsburgh, Pa.; said Endsley assignor to said Hunter. Dam structure. 1,928,692; Oct. 3.
- Hunter, Philip V., London, J. F. Watson, Abbey Wood Kent, and L. G. Brazier, assignors to Callender's Cable and Construction Company Limited, London, England. Single core electric cable. 1,906,968; May 2.
- Hunter, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for electrolysis of a fused bath. 1,897,308; Feb. 14.
- Hunter, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Electrolysis and means therefor. 1,907,818; May 9.
- Hunter, Ralph M., and L. E. Ward, assignors to The Dow Chemical Company, Midland, Mich. Treating electrodes. 1,927,661; Sept. 19.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for controlling continuity of circuit and illumination intensities of groups of electric lamps. 1,906,859; May 2.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit continuity and illumination intensity control system for groups of electric lamps. 1,906,860; May 2.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for controlling electric circuits. 1,931,799; Oct. 24.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for controlling electrical devices. 1,932,040; Oct. 24.
- Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Illumination control system. 1,938,427; Dec. 5.
- Hunter, Robert F. (See Nagel, Hugo, assignor.)
- Hunter, Rudolph M., Philadelphia, Pa. Glass mold. 1,925,096; Sept. 5.
- Hunter, Russell N., Westfield, N. J., assignor to American Telephone and Telegraph Company. Wire arrangement in pole line systems. 1,928,726; Oct. 3.
- Hunter, Sherwood, Newlyn, Penzance, England. Plant or installation for extracting dust from minerals such as coal. 1,903,046; Mar. 28.
- Hunter, Theodore A., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Loudspeaker motor. 1,921,924; Aug. 8.
- Hunter, Theodore A., and R. J. Rockwell, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Loudspeaker having balanced magnetic circuits. 1,912,078; May 30.
- Hunter, Theodore A., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Loud speaker construction. 1,939,898; Dec. 19.
- Hunter, Thomas M., East Orange, N. J. Rotary welding transformer. 1,916,218; July 4.
- Hunter, Thomas M., East Orange, N. J. Rotary welding transformer. 1,934,856; Nov. 14.
- Hunter, Thomas W., Alhambra, Calif. Oil burner. 1,894,466; Jan. 17.
- Hunter, William E., Kansas City, Mo. Self-supporting plumb indicator. 1,908,496; May 9.
- Hunter, William O., Riverside, Calif. Inside glare shield. 1,922,295; Aug. 15.
- Hunting, Irving A., South Plainfield, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y.; Irving Trust Company, Receiver. Sheet feeding mechanism for printing machines. 1,941,093; Dec. 26.
- Huntington, Edward E., assignor to The Willys-Overland Company, Toledo, Ohio. Manifold construction. 1,899,690; Feb. 28.
- Huntington, Roy E., Milwaukee, Wis. Washing device. 1,925,759; Sept. 5.
- Huntington, Willis G. (See Roberts, F. B., and Huntington.)
- Huntley, George J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Liquid cooler. 1,925,446; Sept. 5.
- Huntley, Reginald C., assignor to Sturgeis Posture Chair Company, Sturgeis, Mich. Chair. 1,937,892; Dec. 5.
- Huntman, Charles B., Plainfield, N. J. Aircraft propulsion. 1,929,690; Oct. 10.
- Huntoon, John S., Detroit, Mich., assignor to Massey Concrete Products Corporation, Chicago, Ill. Cribbing. 1,909,539; May 16.
- Hunting-Merritt Lumber Co. Ltd. (See Whittall, Hubert V., assignor.)
- Hunziker, Adolph, jr., Chicago, Ill. Bumper attachment. 1,926,236; Sept. 12.
- Hunziker, Emil, assignor to Aktienesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electric machine rotor. 1,894,273; Jan. 17.
- Hunziker, Paul, Hamilton Beach, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 1,893,285; Jan. 3.
- Huot, Eugene F., St. Paul, Minn. Indexed drill cabinet. 1,930,617; Oct. 17.

- Hupp Motor Car Corporation. (See Baster, F. S., and Walden, assignors.)
- Hupp Motor Car Corporation. (See Johnson, H. A., and Van Meter, assignors.)
- Hupp Motor Car Corporation. (See Luker, Fred, assignor.)
- Hupp Motor Car Corporation. (See MacPherson, Earle S., assignor.)
- Hupp Motor Car Corporation. (See Smith, Hadley, assignor.)
- Hupp Motor Car Corporation. (See Ullrich, Theodore, assignor.)
- Hupp Motor Car Corporation. (See Watts, Frank E., assignor.)
- Huppertz, George C., St. Charles, Ill. Automatic water softener. 1,938,628; Dec. 12.
- Huppke, Walter F., and F. E. Frey, assignors to Phillips Petroleum Company, Bartlesville, Okla. Hydrogenating or dehydrogenating hydrocarbons. 1,905,383; Apr. 25.
- Hurd, Edwin P., assignor to Hurd Lock Company, Detroit, Mich. Lock. 1,914,639; June 20.
- Hurd, Henry B. H. (See Andres, D. B., and Hurd.)
- Hurd Lock Company. (See Hurd, Edwin P., assignor.)
- Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Releasable door holder. 1,912,206; May 30.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock and latch. 1,922,438; Aug. 15.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock and latch. 1,924,069; Aug. 22.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Emergency door holder and closer. 1,925,386; Sept. 5.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Safety door holder and closer. 1,925,387; Sept. 5.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,932,363; Oct. 24.
- Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,935,225; Nov. 14.
- Hurd, Sylvester L., assignor of one-third to J. G. Miller, sr., and one-third to J. G. Miller, jr., New Orleans, La. Boiler-cleaning apparatus. 1,914,744; June 20.
- Hurden, Alfred P. (See Hurden, Evelyn, A. P., and Beeson.)
- Hurden, Evelyn, Harefield, A. P. Hurden, Northwood, and S. E. Beeson, Rickmansworth, England. Reinforced asbestos cement sheet. 1,931,494; Oct. 24.
- Hurlbrink, Ernst, Berlin-Westend, assignor to the Firm Fabrik Explosionsssicherer Gefässe Salzkotten G. m. b. H., Salzkotten I. W., Germany. Liquid delivery and measuring device. 1,904,829; Apr. 18.
- Hurlbrink, Ernst, Berlin-Westend, assignor to Firm Fabrik explosionsssicherer Gefässe Salzkotten G. m. b. H., Salzkotten, Germany. Apparatus for delivering and measuring liquids. 1,939,899; Dec. 19.
- Hurlbrink, Ernst, Berlin-Westend, and F. Kirchhoff, Neubabelsberg, assignors to the firm Fabrik explosionsssicherer Gefässe Salzkotten G. m. b. H., Salzkotten, Germany. Apparatus for delivery and measuring liquids such as fuels and lubricating oil. 1,926,149; Sept. 12.
- Hurlburt, Wilbur F., East Orange, N. J., assignor to Automatic Switch Company, New York, N. Y. Magnetic switch. 1,904,141; Apr. 18.
- Hurlburt, Wilbur F., East Orange, and F. M. Vogel, Glen Ridge, N. J., assignors to Automatic Switch Co., New York, N. Y. Electric switch. 1,941,210; Dec. 26.
- Hurlburt, William B. (See Mann, Harry, assignor.)
- Hurlbut, Daniel C., assignor to Bennington Wax Paper Company, Bennington, Vt. Combined cover and cutter for paper rolls. 1,915,736; June 27.
- Hurlbut, Francis A. (See Moorshead, T. C., and Hurlbut.)
- Hurlbut, Howard. (See Transmont, R. L., and Hurlbut.)
- Hurley, Ambrose P., et al. (See Burford, James C., assignor.)
- Hurley, James E., Sioux City, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hay loader. 1,917,765; July 11.
- Hurley, Joseph M., Minneapolis, Minn. Loose leaf card file. 1,930,838; Oct. 17.
- Hurley, Roy T. (See Townsend, G. H., and Hurley.)
- Hurley, Roy T., Dobbs Ferry, N. Y. Uniting metal parts and article produced thereby. 1,898,487; Feb. 21.
- Hurley, Roy T., Dobbs Ferry, N. Y. Metal die. 1,920,699; Aug. 1.
- Hurley, Roy T., Dobbs Ferry, assignor, by mesne assignments, to Moto Meter Gauge & Equipment Corporation, Long Island City, N. Y. Motor fuel. 1,903,624; Apr. 11.
- Hurn, Hardin L., Louisville, Ky. Eraser cleaner. 1,914,017; June 13.
- Huron Industries, Inc. (See Green, Burnett E., assignor.)
- Hurrell, Albert C., and E. G. Minneman, Richmond, Ind. Glare eliminator. 1,927,285; Sept. 19.
- Hurst, Anna B., administratrix. (See Hurst, Perham F.)
- Hurst, Perham F., deceased, by A. B. Hurst, administratrix, Seattle, Wash. Thread cutting and securing means. 1,926,539; Sept. 12.
- Hurst, Ralph E., and C. E. Meulendyke, Rochester, N. Y. Photomechanical printing (positive colloid relief). 1,938,290; Dec. 5.
- Hurst, Ralph E., and C. E. Meulendyke, Rochester, N. Y. Photomechanical printing (positive colloid relief). 1,938,291; Dec. 5.
- Hurt, Arthur J., Denver, Colo. Short wave tuning device. 1,936,671; Nov. 28.
- Hurt, Frank B., La Grande, Oreg. Aggregate spreader and truck body. 1,901,297; Mar. 14.
- Hurt, Robert B., assignor to Hardwick Stove Company, Cleveland, Tenn. Gas range. 1,923,981; Aug. 22.
- Hurt, Robert B., assignor, by mesne assignments, to Hardwick Stove Company, Cleveland, Tenn. Range. 1,934,125; Nov. 7.
- Hurwitz, Samuel, Wilkes-Barre, Pa. Ophthalmic mounting. 1,922,766; Aug. 15.
- Hurxthal, Alpheus O. (See Kerst, E. B., and Hurxthal.)
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Pasting mechanism for chemical driers. 1,897,904; Feb. 14.
- Hurxthal, Alpheus O., assignor, by mesne assignments, to Proctor & Schwartz Electric Company, Philadelphia, Pa. Cooking utensil. 1,907,199; May 2.
- Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Sectional apron drier. 1,931,439; Oct. 17.
- Husain, Tajamul, Roseville, and G. A. Bole, Columbus, Ohio, assignors, by mesne assignments, to Cellular Clay Corporation, Pittsburgh, Pa. Producing a cellular clay body. 1,897,667; Feb. 14.
- Husarik, Justina, Russelton, Pa. Padlock. 1,930,809; Oct. 17.
- Huse, John O., Berlin, Germany. Valve grinder. 1,933,016; Oct. 31.
- Huse, Ralph L., Boston, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Lighting unit. 1,904,643; Apr. 18.
- Hush, Foss C., Lincoln, Nebr. Meter box. 1,916,219; July 4.
- Hushour, Garland E., Keyport, N. J. Climber gaff guard. 1,931,823; Oct. 24.
- Hushour, Perry D., assignor to Walter M. Charman, Youngstown, Ohio. Valve seat. 1,905,638; Apr. 25.
- Huss, Henry, New York, N. Y. Nozzle. 1,940,171; Dec. 19.
- Hussey, Erwin H., Springfield, Ohio. Forming cylinders. 1,921,824; Aug. 8.
- Hussey, Frank. (See Blaski, Alojz R., assignor.)
- Hussmann-Ligonier Company. (See Duval d'Adrian, Alexander L., assignor.)
- Hussmann-Ligonier Company. (See Rubin, Adolph, assignor.)
- Hussmann Ligonier Company. (See Rutishauser, Donald E., assignor.)
- Hussmann-Ligonier Company. (See Strait, Ralph H., assignor.)
- Husson, Emma V. (See Ferrando, Maurice C., assignor.)
- Husson, Emma V., Brooklyn, N. Y. Silencer mouthpiece for telephone transmitters. 1,902,556; Mar. 21.
- Hussy, Walther. (See Trachsel, Ernst, assignor.)
- Husted, H. A., Company, The. (See Husted, Harry A., assignor.)
- Husted, Harry A., Cleveland, Ohio, assignor to The H. A. Husted Company, Detroit, Mich. Steering wheel. 1,901,599; Mar. 14.
- Husted, Mary I., Cambridge, Mass. Game. 1,934,502; Nov. 7.
- Hustler Toy Corporation. (See Wetzell, Clare A., assignor.)
- Huston, Arch C. (See Simonsen, I. P., and Huston.)
- Huston, Arch C., I. P. Simonsen, G. C. Gilliland, F. L. Huffman, F. G. Higgins, and E. F. Schrodeck, Los Angeles, Calif.; said Simonsen, Gilliland, Huffman, Higgins, and Schrodeck, assignors to said Huston. Tube forming machine. 1,913,447; June 13.
- Huston, Claude B. (See Umansky, I. A., and Huston.)
- Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 1,908,250; May 9.
- Huszár, László. (See Egressi, Z., and Huszár.)
- Hutchens, Edward A., La Grande, assignor of one-half to M. G. Hutchens, Baker, Oreg. Leveling device. 1,894,870; Jan. 17.
- Hutchens, Edward, assignor to Utility Manufacturing Company, Cudahy, Wis. Screen plate. 1,940,952; Dec. 26.
- Hutchens, Melvin G. (See Hutchens, Edward A., assignor.)
- Hutchens, Benjamin F., jr., Allendale, N. J. Parking clock. 1,905,875; Apr. 25.
- Hutcheson, William J. F., Glasgow, Scotland. Reinforcement connected with reinforced concrete buildings, slabs, playgrounds and such like. 1,896,957; Feb. 7.
- Hutchings, Joseph L., Olean, N. Y. Indicator for valves. 1,907,819; May 9.
- Hutchings, Le Roi E., assignor to Remington Rand Inc., Buffalo, N. Y. Card holder. 1,917,123; July 4.
- Hutchings, Le Roi E., Buffalo, assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Photographing copying apparatus. 1,919,453; July 25.
- Hutchings, Le Roi E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 1,923,022; Aug. 15.
- Hutchings, Le Roi E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 1,923,023; Aug. 15.
- Hutchings, Le Roi E., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Filing and index system. 1,929,095; Oct. 3.

- Hutchings, Le Roi E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Development reel. 1,938,103; Dec. 5.
- Hutchins Car Roofing Company. (See Franck, Edwin G., assignor.)
- Hutchins Car Roofing Company. (See Hawksworth, D. W., and Stone, assignors.)
- Hutchins Car Roofing Company. (See Hawksworth, D. W., and Wilson, assignors.)
- Hutchins Car Roofing Company. (See Wilson, Alfred R., assignor.)
- Hutchins, Otis, assignor to The Carborundum Company, Niagara Falls, N. Y. Separation of grain particles from a bonded mass. 1,898,371; Feb. 21.
- Hutchins, Otis, assignor to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide and the manufacture thereof. 1,937,060; Nov. 28.
- Hutchins, William H., and T. L. Lee, assignors to North East Appliance Corporation, Rochester, N. Y. Cigar lighter. 1,928,224; Sept. 26.
- Hutchinson, Arthur J. L. (See Halloran, R. A., Kremser, and Hutchinson.)
- Hutchinson, Charles W., New Rochelle, N. Y. Toy and similar device. 1,911,510; May 30.
- Hutchinson, Evelyn W., executrix. (See Hutchinson, Willis S.)
- Hutchinson, Frank C., deceased, Rutherford, N. J., by The F. B. Shuster Company, New Haven, Conn., assignee. Machine for straightening and shearing long stock. Re18,715; Jan. 17.
- Hutchinson, Glen N., Endicott, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Gauge. 1,930,273; Oct. 10.
- Hutchinson, Henry B., Harpenden, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Production of butyl alcohol and acetone by fermentation. 1,898,961; Feb. 21.
- Hutchinson, Henry B., Harpenden, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Production of butyl alcohol and acetone by fermentation. 1,928,379; Sept. 26.
- Hutchinson, Joseph M., assignor to E. J. Brach & Sons, Chicago, Ill. Apparatus for packaging candies or the like. 1,919,370; July 25.
- Hutchinson, Oliver C. K., Alton, Ill., assignor to Owens-Illinois Glass Company. Mechanism for handling glassware. 1,906,604; May 2.
- Hutchinson, Oliver C. K., Alton, Ill., assignor to Owens-Illinois Glass Company. Leer feeder. 1,906,605; May 2.
- Hutchinson, Oliver C. K., Alton, Ill., assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,911,998; May 30.
- Hutchinson, Oliver C. K., and W. C. Gillham, Alton, Ill., assignors to Owens-Illinois Glass Company, Toledo, Ohio. Article transfer mechanism. 1,898,449; Feb. 21.
- Hutchinson, Orrin F. (See Mau, E. A., and Hutchinson.)
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauging machine. 1,919,434; July 25.
- Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauge. 1,922,093; Aug. 15.
- Hutchinson, Philip H., Montclair, and J. Klopak, Newark, N. J., assignors to General Motors Corporation, Detroit, Mich. Article feeding machine. 1,893,839; Jan. 10.
- Hutchinson, Ralph E., North Redwood, assignor of one half to C. H. Burmeister, Redwood Falls, Minn. Golf bag. 1,936,021; Nov. 21.
- Hutchinson, Roland V., Lansing, assignor to General Motors Corporation, Detroit, Mich. Wheel truing device. 1,937,961; Dec. 5.
- Hutchinson, William S., deceased, Scarsdale; E. W. Hutchinson, executrix, assignor to W. J. Plews, New York, N. Y. Manufacture of lead oxides. 1,913,391; June 13.
- Hutchinson, Frank C., Kansas City, Mo. Decorated disk. Des. 90,768; Sept. 26.
- Hutchison, Miller R., jr., West Orange, N. J. Vacuum cleaner dust bag. 1,914,370; June 20.
- Hutchison, Miller R., jr., East Orange, N. J., assignor to Pioneer Instrument Company, Incorporated, New York, N. Y. Logarithmic gearing. 1,903,677; Apr. 11.
- Hutchison, Miller R., assignor, by mesne assignments, to Gas Analyzing and Fuel Regulating Corporation, New York, N. Y. Fuel control for internal combustion engines. 1,910,835; May 23.
- Hutchman, James E., Newburg, N. Y., assignor to L. E. Carpenter & Co., Inc., Newark, N. J. Coating composition. 1,898,540; Feb. 21.
- Huth, Frank G., Fort Wayne, Ind. Thermostatically-operated electrical switch. 1,925,760; Sept. 5.
- Huthsing, Charles K., Clayton, and H. G. Eyre, St. Louis, Mo.; said Eyre assignor to said Huthsing. Coupling means. 1,936,359; Nov. 21.
- Hutt, Albert E., New Rochelle, N. Y. Dispensing nozzle. 1,899,506; Feb. 28.
- Hutt, Albert E., New Rochelle, assignor to Vacuum Oil Company, Inc., New York, N. Y. Tool rack. 1,914,371; June 20.
- Hutt, Leonard P., Schenectady, N. Y., assignor to General Electric Company. Starting means for a split phase motor. 1,920,749; Aug. 1.
- Hutt, Leonard P., Schenectady, N. Y., assignor to General Electric Company. Combined automatic and manual circuit controller. 1,921,126; Aug. 8.
- Hutt, Leonard P., Schenectady, N. Y., assignor to General Electric Company. Voltage compensated refrigerator starter. 1,921,127; Aug. 8.
- Hutteman, Hermanus J., Soerabaya, Dutch East Indies. Drying oleaginous seeds and fruits. 1,929,691; Oct. 10.
- Hüttemann, Erik, Berlin-Wilmersdorf, and W. Czernin, Berlin-Friedenau, Germany, assignors, by mesne assignments, to F. O. Anderegg, Forest Hills Borough, Pa. Making light weight blocks. 1,932,971; Oct. 31.
- Hutter, William H., Fort Wayne, Ind. Acoustic apparatus. 1,912,454; June 6.
- Hutter, William H., Racine, Wis., assignor to G. Reinke, Chicago, Ill. Eraser. 1,925,388; Sept. 5.
- Hutter, William H., assignor to Webster Electric Company, Racine, Wis. Phonograph pick-up. 1,934,857; Nov. 14.
- Huttger, Edward P., assignor of one-half to A. J. Gibson, Philadelphia, Pa. Window fastener. 1,900,936; Mar. 14.
- Huttner, Leonard C., assignor of one-half to C. L. Brouwer-Ancher, Minneapolis, Minn. Package of labels and making the same. 1,927,266; Sept. 19.
- Hutto Engineering Company. (See Hutto, Marsden C., assignor.)
- Hutto Engineering Company, The. (See Isom, Benjamin O., assignor.)
- Hutto, Marsden C., assignor to Hutto Engineering Company, Inc., Detroit, Mich. Apparatus for grinding gun barrels and cylindrical surfaces. 1,916,267; July 4.
- Hutto, Marsden C., Detroit, Mich., assignor to Hutto Engineering Company, Inc. Making combined abrasives and holders. 1,920,986; Aug. 8.
- Hutton, Donald. (See Downing, F. B., Carter, and Hutton.)
- Hutton, Frank O., Sacramento, Calif. Anti-corrosion liquid control for boiler feed water. 1,937,893; Dec. 5.
- Hutton, Glenn O. (See Johns, Allen L., sr., assignor.)
- Hutton, William A., Seattle, Wash. Elevator doorlatch. 1,898,450; Feb. 21.
- Hutton, Willis A., Melrose, Mass. Railway track and platform structure. 1,926,695; Sept. 12.
- Hux, Frank, Bruni, Tex. Packer attaching means. 1,913,030; June 6.
- Huxley, Joseph H., Chelsea, London, assignor to The Metal Box Company Limited, London, England. Manufacture of containers and closures thereof. 1,927,454; Sept. 19.
- Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wire folding and cutting machine. 1,928,786; Oct. 3.
- Hvistendahl, Georg, Tonsberg, Norway. Dividing card for cigarette boxes. 1,898,962; Feb. 21.
- Hvoslef, Fredrik W., Kohler, Wis. Radiator cabinet. 1,919,555; July 25.
- Hvoslef, Fredrik W., assignor to Kohler Company, Kohler, Wis. Base door. 1,914,372; June 20.
- Hyams, Herbert B., St. Paul, Minn. Bracket construction. 1,914,720; June 20.
- Hyams, L. J., and Company. (See Altman, Beatrice, assignor.)
- Hyams, L. J., and Company. (See Beboutoff, Michel, assignor.)
- Hyams, L. J., and Company. (See Journoud, Pierre, assignor.)
- Hyams, L. J., and Company. (See Pienoz, Jean, assignor.)
- Hyatt, Louis C. (See Oakley, G. E., and Hyatt.)
- Hyatt, Louis C., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Steam-heater regulator. 1,932,666; Oct. 31.
- Hyatt, Samuel W., Connersville, Ind., assignor, by mesne assignments, to The Corcoran-Brown Lamp Company, Cincinnati, Ohio. Ash receiver. 1,893,704; Jan. 10.
- Hybnette, Noah V., Wilmington, Del., assignor to The Nicalumin Company, Jackson, Mich. Culinary equipment. 1,940,172; Dec. 19.
- Hyde, Albert M. (Secretary of Agriculture of the United States of America). (See Goergens, George R., assignor.)
- Hyde, Ernest N., Philadelphia, Pa. Reducing radio interference. 1,896,819; Feb. 7.
- Hyde, John H., Marcus Hook, Pa. Spark plug. 1,917,888; July 11.
- Hyde, Joseph, Gainesville, Ga., assignor to Draper Corporation, Hopedale, Mass. Driving means for warp stop motions. 1,924,790; Aug. 29.
- Hyde-Murphy Company. (See Murphy, Walter P., assignor.)
- Hyde Park Lumber Company, The. (See Cordes, Edward C., assignor.)
- Hyde, Ralph E., assignor to The Oster Manufacturing Company, Cleveland, Ohio. Die head. 1,921,754; Aug. 8.
- Hyde, Reed W., Summit, N. J. Heat treating apparatus. 1,896,625; Feb. 7.
- Hyde, Reed W., Summit, N. J. Apparatus for heat treating materials. 1,932,409; Oct. 31.
- Hyde, Reed W., Summit, N. J., assignor to Dwight & Lloyd Metallurgical Company, New York, N. Y. Refractory material and method of manufacturing. 1,939,638; Dec. 12.
- Hyde, William C., San Diego, assignor to Consolidated Advertising Corp'n Ltd., Los Angeles, Calif. Lantern slide holder. 1,932,463; Oct. 31.

Hyde, William C., assignor to Consolidated Advertising Corp. Ltd., Los Angeles, Calif. Lantern slide holder. 1,932,464; Oct. 31.

Hyde, William J., London, England. Closure-holding and return spring. 1,903,923; Apr. 18.

Hyde, William J., assignor to The Northwest Paper Company, Cloquet, Minn. Forming sheets from pulp. 1,898,372; Feb. 21.

Hydrauger Corporation. (See Englebright, A. E., Foret, and Currens, assignors.)

Hydraulic Brake Company. (See Bowen, H. C., and Heidloff, assignors.)

Hydraulic Brake Company. (See Bowen, Myron W., assignor.)

Hydraulic Brake Company. (See Bradbury, Clifford C., assignor.)

Hydraulic Brake Company. (See Loughhead, Malcolm, assignor.)

Hydraulic Deep Well Pump Company. (See Squires, Wilbur N., assignor.)

Hydraulic-Press Brick Company. (See Hervey, Earl C., assignor.)

Hydraulic Press Manufacturing Company. (See Ernst, Walter, assignor.)

Hydraulic Press Manufacturing Company, The. (See Ernst, Walter, assignor.)

Hydraulic Press Manufacturing Company, The. (See Ernst, W., and MacMillin, assignors.)

Hydraulik Gesellschaft mit beschränkter. (See Korver, Friedrich W., assignor.)

Hydriol Company. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier, assignors.)

Hydro-Heater Corporation, The. (See White, J. C., and Miller, assignors.)

Hydrol Chemical Company. (See Haabestad, Erling H., assignor.)

Hydrometer A.-G. (See Rezsny, Koloman, assignor.)

Hyer, Frank P., Amery, Wis. Holder for container tubes. 1,915,671; June 27.

Hygiene Tube Company. (See Lerner, Herman B., assignor.)

Hygienic Manufactures and Supplies Company Limited, The. (See Nielsen, Heinrich V., assignor.)

Hygienic Wire Works Limited. (See Webster, Edgar G., assignor.)

Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)

Hygrade Sylvania Corporation. (See Bolan, Robert S., assignor.)

Hygrade Sylvania Corporation. (See Haller, Cyrus W., assignor.)

Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)

Hygrade Sylvania Corporation. (See Rogan, John J., assignor.)

Hy Kuse Motors & Auto Supply Co. (See Kuse, Henry A., assignor.)

Hyla, Raymond M., Amsterdam, N. Y. Electrically operated doorlock mechanism. 1,924,940; Aug. 29.

Hyland, John L., New York, N. Y. Folding davit. 1,896,845; Feb. 7.

Hyland, John L., New York, N. Y. Lifeboat launching apparatus. 1,935,030; Nov. 14.

Hyland, Lawrence A., Washington, D. C. Direct current generator voltage regulator. 1,905,291; Apr. 25.

Hyland, Lawrence A., Washington, D. C. Constant-current regulator for alternating current. 1,929,431; Oct. 10.

Hyland, Lawrence A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Battery charging system for airplanes. 1,892,891; Jan. 3.

Hyland, Lawrence A., Washington, D. C., assignor to Eclipse Aviation Corporation, East Orange, N. J. Piezo-electrical crystal temperature control. 1,894,687; Jan. 17.

Hyland, Lawrence A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Electron discharge device circuit arrangement. 1,904,142; Apr. 18.

Hyland, Lawrence A., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Coupling system. 1,921,526; Aug. 8.

Hylander, Axel F., Chicago, Ill. Embroidery-hoop holder. 1,929,278; Oct. 3.

Hyman, Albert S. (See Hyman, Charles H. and A. S.)

Hyman, Benjamin M., Chicago, Ill. assignor to International Harvester Company. Adjustable offset hitch. 1,906,606; May 2.

Hyman, Charles H. and A. S., New York, N. Y. Artificial pace maker for the heart. 1,913,595; June 13.

Hyman, Harry, Asbury Park, N. J. Cuff link. 1,924,791; Aug. 29.

Hyman, Henry. (See Abel, Frank J., assignor.)

Hyman, Henry. (See Britsch, Otto C., assignor.)

Hyman, Henry. (See Hudson, John W., assignor.)

Hyman, Henry. (See Muldoon, Bernard F., assignor.)

Hyman, Henry. (See Muldoon, B. F., and Johnson, assignors.)

Hyman, Henry. (See Nathan, Alfred R., assignor.)

Hyman, Henry F., Houston, Tex. Vermin trap. 1,892,952; Jan. 3.

Hyman, Julius, Chicago, Ill., assignor to Velsicol Corporation. Producing polymerized unsaturated hydrocarbons of relatively light color and product thereof. 1,919,722; July 25.

Hyman, Julius, Chicago, Ill., assignor to Velsicol Corporation. Manufacture of products containing oxygen-absorbing mineral hydrocarbon polymers. 1,919,723; July 25.

Hynes, William, Kingston, N. Y. Adjustable garment cuff. 1,921,467; Aug. 8.

Hynan, Arthur C., assignor to R. N. Burton, Chicago, Ill. Demountable wheel lock. 1,904,371; Apr. 18.

Hynes & Cox Electric Corporation. (See Hynes, L. P., and Williams, assignors.)

Hynes & Cox Electric Corporation. (See Williams, Harry A., assignor.)

Hynes, Dibrell P. (See Mears, N. A., and Hynes.)

Hynes, Lee P., assignor, by mesne assignments, to Consolidated Car-Heating Company, Inc., Albany, N. Y. Motor-car heating and ventilating system. 1,893,923; Jan. 3.

Hynes, Lee P., assignor, by mesne assignments, to Consolidated Car-Heating Company, Inc., Albany, N. Y. Bus heating system. 1,934,193; Nov. 7.

Hynes, Lee P., and H. A. Williams, assignor to Hynes & Cox Electric Corporation, Albany, N. Y. Water storage heater. 1,916,861; July 4.

Hynes, Michael J. (See Carter, A. P., Hynes, and Cronin.)

Hynson, Westcott & Dunning, Incorporated. (See Dunning, Fitzgerald, assignor.)

Hyrup, Hans K., Los Angeles, Calif. Collapsible dressing cabinet. 1,935,948; Nov. 21.

Hyslop, James, Terre Haute, Ind. Signal control for demand meters. 1,919,514; July 25.

Hyslop, Joseph F., Falkirk, Scotland. Checker brickwork construction for regenerators. 1,900,817; Mar. 7.

Hyslop, Samuel, Newton, Mass. Thread and yarn clearer. 1,922,683; Aug. 15.

Hyslop, Samuel, Newton, Mass. Locking device for thread clearers. 1,922,684; Aug. 15.

I. G. Farbenindustrie A. G. (See Marx, K., Brodersen, and Quaedvlieg, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Acker, Hans, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Ackermann, Karl, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Andrusow, Leonid, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, Hans, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., and Heimke, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, P., Schilling, and Fischer, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Baur, Karl, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Beck, A., and Klein, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Beck, C., and Diekmann, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Beck, C., Diekmann, and Kramp, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Becker, E., and Letters, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Becker, Franz, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Beller, H., and Luther, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Beller, H., and Schuete, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Berenbruch, Albert, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Berndt, W., and Ernst, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Blaser, Gebhard, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Bock, W., and Tschunkur, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Bogemann, M., Kreuter, and Weigel, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Braus, Karl, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dachlauer, K., and Thomsen, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, K., and Platz, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dierichs, Alfred, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dietrich, Wilhelm, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dietrich, W., and Harder, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dohse, Hans, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dörr, E., Leuchs, and Rosenthal, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dorner, Eugen, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Dotzel, Franz, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Drexler, F., and Pongratz, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Droste, W., and Werner, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Ehrhardt, Udo, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, Otto, assignor.)

- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., and Schilling, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Schilling, and Baumann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Stadler, and Baumann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Eissner, Willy, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Engelhardt, Rudolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Espig, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fendt, E., and Schörg, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fertsch, Friedrich K., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fick, Reinhold, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Fikentscher, H., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Finkelstein, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Finkelstein, H., and Willems, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Földi, Zoltan, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Franzen, H., and Held, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Franzen, H., and Schellmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Friedrich, H., and Droste, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gabel, Konrad, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Galle, E., Rosinsky, and Hofmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gaus, W., Hochschwender, and Schunck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gaus, W., and Pier, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Gockel, Heinrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Goetze, Karl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Goost, Theodor, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Grosskin-sky, Otto, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Grosskin-sky, O., and Treppenbauer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., and Haussmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., Holsten, and Saftien, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., Münz, and Haussmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Günther, F., and Hetzer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Guthke, Friedrich W., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Haeuber, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Haeuber, H., and Linck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., and Hingst, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, M., Reicher, and Gühring, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hamprecht, Guenther, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Harder, M., and Dietrich, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hardt-mann, M., Schepss, and Tietze, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Harold, P., and Krajewski, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hauss-mann, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hecht, Leopold, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Henglein, F. A., and Stauff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Henle, F., Meder, Lanz, and Privinsky, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hennicke, William, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hentrich, W., Hardtmann, Backes, and Stötter, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hentrich, W., and Müller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hentrich, W., and Keppler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Herold, P., and Reubold, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hertlein, Hans O., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hilcken, Valentin, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hofmann, F., and Wulff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Honsberg, Werner, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Hörner, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Huis-mann, J., and Mauthe, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Irion, W., and Mahn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jacobi, B., and Fikentscher, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jacqué, Heinrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jaeger, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jaeger, M., and Espig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jaenecke, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jaenecke, E., and Frowein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jaenecke, E., and Mueller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jochum, K., Voss, Geler, and Dickhauser, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Jordan, Otto, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kämpf, Adolf, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kircher, C., and Acker, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klatte, F., and Müller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klebert, Ludwig, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klein, Hans, and Beck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klein, H., and Kaehler, and Zorn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Klinge-mann, F., Lommel, Korten, and Goost, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kilppel, H., and Jaenecke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Koenig, J., and Stoewener, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Köhler, Ludwig, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kollek, L., and Pohl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Korten, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kramer, Oskar, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kränz-lein, G. Dickhäuser, and Voss, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kranzlein, G. Voss, and Starch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Kranzlein, G., and Ochwat, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krauch, C., and Pier, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krauch, C., Pier, and Anthes, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krause, Hans, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Krzikalla, H., and Wolff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lang, H., and Müller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lauten-schläger, K. L., Bockmühl, Ehrhart, and Krohs, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lederle, E., and Grimm, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lenz, W., and Jochum, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ley, P., and Teichman, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Löhr, A., and Gebhardt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, W., and Engelhardt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, W., and Münzel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, Martin, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Beller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Dietrich, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Franzen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Heuck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Luther, M., and Wille, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mark, H., Dunkel, and Reoll, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mark, H., and Hopf, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meidert, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meidert, F., and Schatz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meis, H., Klein, and Tschunkur, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meisenburg, Kurt, assignor.)

- I. G. Farbenindustrie Aktiengesellschaft. (See Meisenburg, K., and Bock, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meisenburg, K., Bock, and Bächle, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Meisner, W., Geisel, and von Knilling, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Michel, Richard, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mittasch, A., Pier, Wietzel, and Langheinrich, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mittasch, A., Stern, and Galle, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mittasch, A., Wietzel, and Pfandl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mittasch, A., and Zorn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., Eisenhut, and Schilling, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Ober, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Soenksen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Wilka, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Muench, E., and Nicolai, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Munch, E., Nicolai, Fick, and Reppe, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Muth, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Naumann, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Naumann, M., and Schlecht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Neubauer, Carl, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Schmidt, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Noerr, H., Mauthe, and Doser.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nuesslein, Joseph, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Nuesslein, J., and Schuette, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Bögemann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., Zaucker, and Bögemann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ott, K., and Bernard, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Overdick, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Paquin, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Peters, K., and Weil, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pfannenstiel, Hugo, and H. Meyer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, Mathias, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Anthes, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Lemme, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Ringer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Wietzel, and Winkler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Winkler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pohl, Franz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pollak, Leopold, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pungs, Wilhelm, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pungs, W., and Elsenmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pungs, W., and Rabe, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Pungs, W., Rabe, and Zorn, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Roos, H., and Schwamberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Runge, F., and Mueller-Cunradi, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Scheiber, W., and Friedemann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schellmann, M., and Franzen, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, Leo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Naumann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Roetger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, A., Balle, and Lange, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, Otto, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., and Grosskinsky, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., and Meyer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., Schnell, and Meyer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, O., Treppenhauer, Grosskinsky, and Fischer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, R. E., Stein, and Bamberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, C., and Bueteifisch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, C., and Sabel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schönburg, Curt, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schultze, Hermann, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schumann, C., Fick, and Oberreit, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schweitzer, Eugen, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Schweitzer, H., and Burr, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Seidel, W., and Ernecke, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Söll, Julius, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Söll, J., and Hennig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Spannagel, H., and Tschunkur, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Specketer, H., Fosstutscher, and Rosenberger, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Specketer, H., and Söll, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stauf, Friedrich, W., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steigerwald, Christian, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steimmig, G., and Hamsch, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steimmig, G., and Wittwer, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steindorf, A., Damiler, and Platz, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Steinhäuser, Friedrich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Stuhlmann, Hans C., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Teichmann, L., and Noerr, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Teichmann, L., and Specht, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Teller, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Thaus, A., and Hardtmann, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Theis, Erich, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Tönnies, Hans F., assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Tschunkur, E., and Bock, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Tschunkur, E., and Herdieckerhoff, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ufer, Hanns, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Koerding, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Nuesslein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Nuesslein, and Koerding, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Saurwein, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Schuster, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Von Knilling, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., Dickhäuser, and Starck, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wallis, T., and Falek, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Webel, Franz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wecker, Ernst, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Weibezahn, Walter, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Weigel, Theodor, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Weihe, A., Jordan, and Kollek, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Weiler, M., Berres, Wenk, and Stötter, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., Haller, and Hennicke.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., and Pauckner, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., and Schiller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., and Starke, assignors.)

- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, R., and Engel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, R., and Pfandl, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, Fritz, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Giller, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., and Hauber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, F., Hauber, and Feiler, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, K., and Kroenig, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winkler, K., and Wissel, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Winter, C., and Roh, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Wurster, C., and Gruber, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zieser, Waldemar, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zimmermann, Max, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zobel, F., and Luther, assignors.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zschimmer, Bodo, assignor.)
- I. G. Farbenindustrie Aktiengesellschaft. (See Zschimmer, B., and Pohl, assignors.)
- I-T-E Circuit Breaker Company. (See Eastburn, Thomas B., assignor.)
- I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)
- I-T-E Circuit Breaker Company. (See Graves, H. C., and Schmid, assignors.)
- I-T-E Circuit Breaker Company. (See Jensen, Otto, assignor.)
- I-T-E Circuit Breaker Co. (See Maple, Roy H., assignor.)
- I-T-E Circuit Breaker Company. (See Scott, William M., assignor.)
- I. T. S. Company, The. (See Ingwer, Carl H., assignor.)
- I-X-L Metal Spring Cover Company. (See Knechle, Ernst, assignor.)
- I-X-L Metal Spring Cover Company. (See Kuechle, Herbert G., assignor.)
- Iannelli, Alfonso, Park Ridge, assignor to Birtman Electric Company, Chicago, Ill. Electric iron. Des. 90,886; Oct. 17.
- Iannone, Michael, Rochester, N. Y. Boiler heater. Des. 90,368; July 25.
- Ibach, Charles W., North Evans, N. Y. Automatic hose coupling. 1,935,244; Nov. 14.
- Ibbott, Harold W., assignor to Negretti & Zambra, London, England. Bourdon tube for pressure gauges, liquid expansion thermometers, and other instruments. 1,913,299; June 6.
- Ibbling, Walter E., et al. (See Bennett, Dennis H., assignor.)
- Ice Cream Cone Machinery Incorporated. (See Tatossian, Harry G., assignor.)
- Icre, Jean B., New York, N. Y. Oven. 1,894,688; Jan. 17.
- Iddings, Roscoe C., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 1,931,411; Oct. 17.
- Ide, Harry H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switchboard doorlatch. 1,894,824; Jan. 17.
- Ideal Electric & Manufacturing Co. (See Adams, Frank, assignor.)
- Ideal Electric & Manufacturing Co. (See Tingley, Everett K., assignor.)
- Ideal Lubricator Company. (See Culp, John F., assignor.)
- Ideal Manufacturing Company. (See Arlt, John L., assignor.)
- Ideal Oil Burner Company, The. (See Grobard, Abraham, assignor.)
- Iffland, Charles, Brooklyn, N. Y. Lamp mounting device. 1,926,948; Sept. 12.
- Ignition Manufacturing Company, The. (See Daubenspeck, William J., assignor.)
- Igo, Joseph H., Harvey, Ill. Lifting device for vacuum cleaners. 1,936,839; Nov. 28.
- Igou, Bergdoll S., University City, Mo. Pin setting device. 1,913,673; June 13.
- Ihde, August F., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator core and shell assembly. 1,906,969; May 2.
- Iberg, Waldemar. (See Schröter, F., and Iberg.)
- Ilford Limited. (See Baxenden, T. G., and Shepherd, assignors.)
- Ilford Limited. (See Gaseltine, Herbert T., assignor.)
- Ilg Electric Ventilating Company. (See Breidert, George C., assignor.)
- Ilg Electric Ventilating Company. (See Orear, Andrew G., assignor.)
- Ilg Electric Ventilating Company. (See Sutcliffe, Arthur G., assignor.)
- Ilgén, Grover F. (See Hamilton, W. T., and Ilgén.)
- Ilgenfritz, Curtis B., York, assignor to United States Glass Company, Pittsburgh, Pa. Pitcher or similar article. Des. 89,525; Mar. 21.
- Ilgenfritz, Curtis B., York, assignor to United States Glass Company, Pittsburgh, Pa. Tumbler or similar article. Des. 89,562; Mar. 28.
- Ilgenfritz, Curtis B., York, assignor to United States Glass Company, Pittsburgh, Pa. Lamp base or similar article. Des. 91,030; Nov. 14.
- Iliff, John W., Wilmington, Del., and W. J. Lindsey, Norwood, Pa., assignors, by mesne assignments, to National Lead Company, New York, N. Y. Production of white lead. 1,898,054; Feb. 21.
- Iliff, John W., Ridley Park, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 1,941,398; Dec. 26.
- Illović, Avram D. (See Dubusc, R., and Illović.)
- Illig, John H. (See Vallone, C., and Illig.)
- Illingworth Carbonization Company, The. (See Illingworth, Stewart R., assignor.)
- Illingworth, George, East Cleveland, Ohio, assignor to General Electric Company. Apparatus for tipping off incandescent lamps and similar devices. 1,929,313; Oct. 3.
- Illingworth, Stewart R., Radyr, Wales, assignor to The Illingworth Carbonization Company, Limited, Manchester, England. Apparatus for feeding coal or other granular material. 1,895,798; Jan. 31.
- Illingworth, Stewart R., Radyr, Wales, assignor, by mesne assignments, to Pittsburgh Coal Carbonization Company, Wilmington, Del. Plant for the carbonization of coal and like material. 1,923,209; Aug. 22.
- Illinois Engineering Company. (See Eicholtz, W., and Leutwiler, assignors.)
- Illinois Pacific Coast Company. (See Roland, Jack R., assignor.)
- Illinois Pacific Coast Company. (See Roland, J. R., and Trauner, assignors.)
- Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
- Illinois Tool Company. (See Swanson, Andrew W., assignor.)
- Illinois Tool Works. (See Olson, Carl G., assignor.)
- Illinois Watch Case Company. (See Adams, H. R., and Kraven, assignors.)
- Illinois Watch Case Company. (See Irelan, Ellison S., assignor.)
- Illinois Watch Case Company. (See Ridges, Robert P., assignor.)
- Illum, Herbert C., Wilmette, assignor to The Wahl Company, Chicago, Ill. Show case. Des. 90,984; Nov. 7.
- Ilum Incorporated. (See Lamb H., and Fee, assignors.)
- Illustrated Current News, Incorporated. (See Small, Milton, assignor.)
- Imatomi, Shoichi. (See Tanaka, H., and Imatomi.)
- Imfeld, Joseph M. (See Bernz, W., Fliteroft, and Imfeld.)
- Imhoff, Karl, Essen, Germany. Sewage purification. 1,893,623; Jan. 10.
- Imhoff, Karl, Essen, Germany. Household filter. 1,919,331; July 25.
- Imhoff, Karl, F. Sierp, and P. Brinkhaus, Essen, Germany. Household filter. 1,914,829; June 20.
- Immalin-Werke Chemische Fabrik Eisendrath G. m. b. H. (See Oeckinghaus, Rudolf, assignor.)
- Imperial Brass Manufacturing Company, The. (See Dobrick, August C., assignor.)
- Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
- Imperial Brass Manufacturing Company. (See McIntosh, Robert D., assignor.)
- Imperial Chemical Industries Limited. (See Baddiley, J., and Hill, assignors.)
- Imperial Chemical Industries Limited. (See Baird, William, assignor.)
- Imperial Chemical Industries Limited. (See Baird, W., and Walker, assignors.)
- Imperial Chemical Industries Limited. (See Bangahm, P. F., and Thomson, assignors.)
- Imperial Chemical Industries Limited. (See Bennett, N., Dodd, Sprent, and Holt, assignors.)
- Imperial Chemical Industries Limited. (See Birchall, T., and Rodd, assignors.)
- Imperial Chemical Industries Limited. (See Boyce, S. R., and Lundy, assignors.)
- Imperial Chemical Industries Limited. (See Brightman, Rainald, assignor.)
- Imperial Chemical Industries Limited. (See Brightman, R., and Wellacott, assignors.)
- Imperial Chemical Industries Limited. (See Brownsdon, Henry W., assignor.)
- Imperial Chemical Industries Limited. (See Brownsdon, H. W., Nimmo, and Pollitt, assignors.)
- Imperial Chemical Industries Limited. (See Bunbury, H. M., Davies, and Naulton, assignors.)
- Imperial Chemical Industries Limited. (See Carter, Charles, assignor.)
- Imperial Chemical Industries Limited. (See Chapman, Ernest, assignor.)
- Imperial Chemical Industries, Limited. (See Clark, Arthur M., assignor.)
- Imperial Chemical Industries, Limited. (See Clark, L. M., and Spittle, assignors.)

- Imperial Chemical Industries, Limited. (See Dunn, John S., assignor.)
- Imperial Chemical Industries Limited. (See Fairweather, David A. W., and Thomas, assignors.)
- Imperial Chemical Industries, Limited. (See Goldstein, R. F., and Livingstone, assignors.)
- Imperial Chemical Industries Limited. (See Hallwood, A. J., and McGlynn, assignors.)
- Imperial Chemical Industries Limited. (See Hall, Cecil S., assignor.)
- Imperial Chemical Industries Limited. (See Harrison, C. F. R., and Strong, assignors.)
- Imperial Chemical Industries Limited. (See Hislop, Charles A., assignor.)
- Imperial Chemical Industries Limited. (See Horsley, George F., assignor.)
- Imperial Chemical Industries Limited. (See Jackson, Harry, assignor.)
- Imperial Chemical Industries Limited. (See Jones, M., and Naunton, assignors.)
- Imperial Chemical Industries, Limited. (See Kitchen, Francis N., assignor.)
- Imperial Chemical Industries Limited. (See Lemmon, Reginald J., assignor.)
- Imperial Chemical Industries Limited. (See Lilly, Cecil H., assignor.)
- Imperial Chemical Industries Limited. (See Littlebury, William O., assignor.)
- Imperial Chemical Industries Limited. (See Loveluck, R. J., and Thomas, assignors.)
- Imperial Chemical Industries Limited. (See Lucas, Stanley H., assignor.)
- Imperial Chemical Industries Limited. (See Mendoza M., and Hannon, assignors.)
- Imperial Chemical Industries Limited. (See Mitchell, J. A. M. W., and Meehan, assignors.)
- Imperial Chemical Industries Limited. (See Paterson, Thomas R., assignor.)
- Imperial Chemical Industries, Limited. (See Perkin, A. G., Shepherdson, and Haddock, assignors.)
- Imperial Chemical Industries Limited. (See Rodd, E. H., and Sharp, assignors.)
- Imperial Chemical Industries Limited. (See Saunders, Kenneth H., assignor.)
- Imperial Chemical Industries Limited. (See Shaw, C., and Thomas, assignors.)
- Imperial Chemical Industries Limited. (See Shepherdson, A., and Tatum, assignors.)
- Imperial Chemical Industries Limited. (See Smith, Christopher C., assignor.)
- Imperial Chemical Industries Limited. (See Smith, W., Thornley, and Thomson, assignors.)
- Imperial Chemical Industries Limited. (See Steele, A. R., and Stewart, assignors.)
- Imperial Chemical Industries Ltd. (See Stickland, O. W., and Whitworth, assignors.)
- Imperial Chemical Industries Ltd. (See Strafford, Norman, assignor.)
- Imperial Chemical Industries Limited. (See Tate, W. R., and Stephenson, assignors.)
- Imperial Chemical Industries Limited. (See Thomson, R. F., and Loveluck, assignors.)
- Imperial Chemical Industries, Limited. (See Thomson, R. F., and Tatum, assignors.)
- Imperial Chemical Industries Limited. (See Traill, David, assignor.)
- Imperial Chemical Industries Limited. (See Tyrer, Daniel, assignor.)
- Imperial Chemical Industries Limited. (See Weil, Jacob A., assignor.)
- Imperial Chemical Industries Limited. (See Wheeler, Thomas S., assignor.)
- Imperial Chemical Industries Limited. (See Wheeler, T. S., and Francis, assignors.)
- Imperial Chemical Industries Limited. (See Wheeler, T. S., and Mason, assignors.)
- Imperial Chemical Industries Limited. (See Woolcock, James W., assignor.)
- Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)
- Imperial and International Communications Limited. (See Higgitt, Harry V., assignor.)
- Imperial Tobacco Company of Canada Limited. (See Somerville, Frank J., assignor.)
- Imperial Tobacco Company of Canada, Limited. (See Webb, Albert A., assignor.)
- Imperial Typewriter Company Limited. (See Pateman, Arthur, assignor.)
- Impey, Francis L., Northfield, Birmingham, assignor to Morland & Impey Limited, Birmingham, England. Signal for use on commercial and other records. 1,903,047; Mar. 28.
- Impey, Francis L., assignor to Morland & Impey Limited, Northfield, Birmingham, England. Loose or bound leaf cover or support. 1,913,634; June 13.
- Impey, Warwick W., Mount Eden, Auckland, New Zealand. Wire mattress. 1,919,841; July 25.
- Im Schlaa, Friedrich, Iserlohn, Germany. Machine for rolling rings. 1,904,734; Apr. 18.
- Imschweller, John, Inglewood, Calif. Trap nest front. 1,922,734; Aug. 15.
- Incorporated Paper Industries. (See Oliver, Ruth, assignor.)
- Indahl, Mauritz C., Rydal, Pa. Awning. 1,941,308; Dec. 26.
- Independent Air Filter Company. (See Dahlman, Verner, assignor.)
- Independent Lock Company. (See Walz, Karl, assignor.)
- Independent Pneumatic Tool Company. (See Hultquist, Charles A., assignor.)
- Independent Pneumatic Tool Company. (See Norling, Reinhold A., assignor.)
- Indestro Manufacturing Corp. (See Rice, Harold G., assignor.)
- Indge, Herbert S. (See Player, S., and Indge.)
- Indge, Herbert S., and S. Player, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 1,893,083; Jan. 3.
- India Rubber, Guita Percha and Telegraph Works Company Limited, The. (See Avery, William L., assignor.)
- Indian Motorcycle Company. (See du Pont, E. P., and Weaver, assignors.)
- Indian Motorcycle Company. (See du Pont, E. P., Weaver, and Hosley, assignors.)
- Indian Motorcycle Company. (See Weaver, G. B., and Knaut, assignors.)
- Indian Refining Company. (See Govers, Francis X., assignor.)
- Indiana Condensed Milk Company. (See Mott, Samuel B., assignor.)
- Indiana Fibre Products Company. (See Simmons, Paul R., assignor.)
- Indiana Glass Company. (See Clark, Jeddiah B., assignor.)
- Indiana Glass Company. (See Moller, Herbert, assignor.)
- Indiana Pipe Line Co. (See Greenidge, Ernest T. P., assignor.)
- Indiana Steel & Wire Company. (See Fowle, Frank F., assignor.)
- Indiana Stove Works. (See Karges, H. J., and Zurstadt, assignors.)
- Indianapolis Corporation. (See Duesenberg, Frederick S., assignor.)
- Individual Drinking Cup Company. (See Carew, Herman, assignor.)
- Individual Drinking Cup Company. (See Wessman, Edwin C., assignor.)
- Indo-Burma Petroleum Company Limited, The. (See Armstrong, A. D., and Dobbie, assignors.)
- Indo-Burma Petroleum Company Limited, The. (See Brown, Norman F., assignor.)
- Industrial Development Corporation. (See Wilkins, Richard A., assignor.)
- Industrial Dryer Corporation, The. (See Harris, Gordon D., assignor.)
- Industrial Furnace Corporation. (See Breaker, Harry O., assignor.)
- Industrial Furnace Corporation. (See Hayes, A., and Breaker, assignors.)
- Industrial Furnace Corporation. (See Hayes, A., Walker, and White, assignors.)
- Industrial Home for the Blind, The. (See Case, G. B., and Salmon, assignors.)
- Industrial Improvements Incorporated. (See Kirby, James B., assignor.)
- Industrial Patents Corporation. (See Brennan, Mark O., assignor.)
- Industrial Patents Corporation. (See Britt, M., and Vanderkloot, assignors.)
- Industrial Patents Corporation. (See Davis, Elmer, M., assignor.)
- Industrial Patents Corporation. (See De Vout, A. W., and Regensburger, assignors.)
- Industrial Patents Corporation. (See Dziedzic, N. J., and McKee, assignors.)
- Industrial Patents Corporation. (See Golike, Charles H., assignor.)
- Industrial Patents Corporation. (See Irwin, W. H., and Kinz, assignors.)
- Industrial Patents Corporation. (See Lohner, Carl L., assignor.)
- Industrial Patents Corporation. (See McKee, Harry H., assignor.)
- Industrial Patents Corporation. (See McKee, H. H., and Walter, assignors.)
- Industrial Patents Corporation. (See Regensburger, Richard W., assignor.)
- Industrial Patents Corporation. (See Vanderkloot, Marinus, assignor.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- Industrial Patents Corporation. (See Wilson, Bernard N., assignor.)
- Industrial Patents Corporation. (See Yoder, Benjamin H., assignor.)
- Industrial Patents, Ltd. (See Herbsman, Abraham M., assignor.)
- Industrial Patents, Ltd. (See Herbsman, A. M., and Campbell, assignors.)
- Industrial Rayon Corporation. (See Kline, Hayden B., assignor.)
- Industrial Research Company. (See Joffé, Abraham, assignor.)
- Industrial Research Corporation. (See Brockway, Carl P., assignor.)
- Industrial Research Laboratories Ltd. (See Kormann, Frederick A., assignor.)
- Industrial Research Limited. (See Snyder, F. H., and Maclaren, assignors.)

- Industrial Rubber Goods Company. (See Palenske, Frederick C., assignor.)
- Industrial Solvents, Inc. (See Runnels, Paul, assignor.)
- Industrial Waste Eliminators Limited. (See Windisch, Josef, assignor.)
- Industrial Wire Cloth Products Corporation. (See Jacobs, C. E., and Zech, assignors.)
- Industries of America, Inc. (See Robinson, Harry G., assignor.)
- Industriemiska Aktiebolaget. (See Öman, Erik, assignor.)
- Infield, Jack F., assignor to California Consolidated Water Company, Los Angeles, Calif. Bottle. Des. 90,619; Sept. 5.
- Infield, Jack F., assignor to California Consolidated Water Company, Los Angeles, Calif. Bottle. Des. 90,620; Sept. 5.
- Ingalls, Arnold J., Lynn, Mass. Egg grading and candling device. 1,935,716; Nov. 21.
- Ingalls, Elwin H., Aroma Park, Ill. Gas gun. 1,902,127; Mar. 21.
- Ingalls, Henry A., Bakersfield, Calif. Road treating apparatus. 1,938,023; Dec. 5.
- Ingalls Iron Works Co. (See Bushnell, Byron E., assignor.)
- Ingalls Steel Products Company. (See Lucy, Thomas A., assignor.)
- Ingalls, Willis A., Syracuse, N. Y. Knitting machine. 1,896,686; Feb. 7.
- Inge, Hulda M., Seattle, Wash. Wall cabinet. 1,914,508; June 20.
- Ingenkamp, Matthias, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Quadrangular tube. 1,897,126; Feb. 14.
- Ingersoll, Andrew J. (See Jackson, J. C., and Ingersoll.)
- Ingersoll, Ella I. (See Ingersoll, George B., assignor.)
- Ingersoll, Ella I. (See Tatter, John W., assignor.)
- Ingersoll, George B., assignor to E. I. Ingersoll, Dearborn, Mich. Collapsible receptacle. 1,915,421; June 27.
- Ingersoll Magnetic Lock Company. (See Ingersoll, Thomas S., assignor.)
- Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)
- Ingersoll Milling Machine Company, The. (See Oberhoffken, Alexander, assignor.)
- Ingersoll Milling Machine Company, The. (See Wiley, R. E., and Olson, assignors.)
- Ingersoll & Rand Company. (See Almquist, Karl, assignor.)
- Ingersoll-Rand Company. (See Armstrong, William H., assignor.)
- Ingersoll-Rand Company. (See Bancel, Paul A., assignor.)
- Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
- Ingersoll-Rand Company. (See Curtis, John C., assignor.)
- Ingersoll-Rand Company. (See Doyle, Frank B., assignor.)
- Ingersoll-Rand Company. (See Firth, Rowland V. D., assignor.)
- Ingersoll-Rand Company. (See Frelin, Fritjof, assignor.)
- Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
- Ingersoll-Rand Company. (See Fulton, J. S., assignor.)
- Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
- Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
- Ingersoll-Rand Company. (See Hart, Dudley W., assignor.)
- Ingersoll-Rand Company. (See Hentzell, Alfred A., assignor.)
- Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
- Ingersoll-Rand Company. (See Huff, Leslie R., assignor.)
- Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)
- Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
- Ingersoll-Rand Company. (See Jones, H. T., and McElroy, assignors.)
- Ingersoll-Rand Company. (See Kirgan, John, assignor.)
- Ingersoll-Rand Company. (See Lear, Earl B., assignor.)
- Ingersoll-Rand Company. (See Lemp, Hermann, assignor.)
- Ingersoll-Rand Company. (See Le Valley, John, assignor.)
- Ingersoll-Rand Company. (See Longacre, Frederick V. D., assignor.)
- Ingersoll-Rand Company. (See McAllister, Raymond C., assignor.)
- Ingersoll-Rand Company. (See McKinless, Frank V., Jr., assignor.)
- Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
- Ingersoll-Rand Company. (See Miller, Frank, assignor.)
- Ingersoll-Rand Company. (See Miller, Ralph, assignor.)
- Ingersoll-Rand Company. (See Mosher, William H., assignor.)
- Ingersoll-Rand Company. (See Naab, Julius, assignor.)
- Ingersoll-Rand Company. (See Newcomb, Wallace K., assignor.)
- Ingersoll-Rand Company. (See Parkhill, Mortimer S., assignor.)
- Ingersoll-Rand Company. (See Parkhill, M. S., and Fingar, assignors.)
- Ingersoll-Rand Company. (See Parsons, Frederick W., sr., assignor.)
- Ingersoll-Rand Company. (See Peters, Arthur E., assignor.)
- Ingersoll-Rand Company. (See Prellwitz, William, assignor.)
- Ingersoll-Rand Company. (See Sickels, Christie C., assignor.)
- Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., jr., assignor.)
- Ingersoll-Rand Company. (See Smith, William A., sr., assignor.)
- Ingersoll-Rand Company. (See Smith, W. A., sr., and W. A., jr., assignors.)
- Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
- Ingersoll-Rand Company. (See Terry, E. F., and Slater, assignors.)
- Ingersoll-Rand Company. (See Uhler, A. S., and Smith, assignors.)
- Ingersoll-Rand Company. (See Weil, J. M., and Wilson, assignors.)
- Ingersoll, Roy C., Galesburg, Ill., assignor to Ingersoll Steel and Disc Co. Apparatus for mechanical and heat treatment of metal articles. 1,894,590; Jan. 17.
- Ingersoll, Roy C., assignor to Ingersoll Steel & Disc Co., Galesburg, Ill. Method of and apparatus for rolling metal articles. 1,894,689; Jan. 17.
- Ingersoll, Roy C., and S. S. Battles, assignors to Ingersoll Steel & Disc Co., Chicago, Ill. Forming rolled metal articles. 1,933,593; Nov. 7.
- Ingersoll Steel and Disc Co. (See Ingersoll, Roy C., assignor.)
- Ingersoll Steel & Disc Co. (See Ingersoll, R. C., and Battles assignors.)
- Ingersoll, Thomas S., Burbank, assignor to Ingersoll Magnetic Lock Company, Fresno, Calif. Electromagnetic lock. 1,933,736; Nov. 7.
- Ingham, Walter E., assignor to The Stanley Works, New Britain, Conn. Bolt construction. 1,909,964; May 23.
- Ingle, George, New Tazewell, Tenn., assignor of one-half to John Ingle, Kildav, Ky. Car seat and back. 1,929,024; Oct. 3.
- Ingle, Henry W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glassware forming machine. 1,911,119; May 23.
- Ingle, Henry W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glassware transfer device. 1,921,389; Aug. 8.
- Ingle, Henry W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glassware conveyor. 1,921,890; Aug. 8.
- Ingle, Henry W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for forming glass parisons. 1,930,439; Oct. 10.
- Ingle, John. (See Ingle, George, assignor.)
- Inglee, Lewis, Amityville, N. Y. Structural floor. 1,941,211; Dec. 26.
- Inglis, Henry B., Brooklyn, N. Y., and C. L. Paulus and R. Kauch, Dayton, Ohio. Gun sight. 1,907,387; May 2.
- Inglis, Henry B., Brooklyn, N. Y., C. L. Paulus and R. Kauch, Dayton, Ohio. Flow meter. 1,917,974; July 11.
- Ingman, Thomas M. (See Garbutt, F. E., Cunningham, and Ingman.)
- Ingman, John H. (See Kemp, A. R., and Ingman.)
- Ingold, Carl F., Wauwatosa, assignor to The Milwaukee Optical Mfg. Co., Milwaukee, Wis. Ophthalmic mounting. 1,908,480; May 9.
- Ingouf, Robert J. A., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Process and apparatus for making composite glass sheets. 1,911,573; May 30.
- Ingraham, Dudley S., and A. B. Poole, assignors to The E. Ingraham Company, Bristol, Conn. Current-interruption-compensating mechanism for electric clocks and the like. 1,931,291; Oct. 17.
- Ingraham, E., Company, The. (See Carlson, Eloy L., assignor.)
- Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
- Ingraham, E., Company, The. (See Ingraham, D. S., and Poole, assignors.)
- Ingraham, E., Company, The. (See Mansfield, Arthur L., assignor.)
- Ingraham, E., Company, The. (See Simpson, John O., assignor.)
- Ingraham, Harold O. C., Greenwich, Conn., assignor to General Chemical Company, New York, N. Y. Method and apparatus for roasting ores. 1,912,455; June 6.
- Ingram, Edward H. (See de Sherbinin, E. M., Pearson, and Ingram.)
- Ingram, Edward H., Philadelphia, Pa., and V. E. Pearson, Buffalo, N. Y., assignors, by mesne assignments, to H. K. de Sherbinin. Nut blank feeding mechanism. 1,905,716; Apr. 25.
- Ingram, Franklin W. (See Ingram, Walter L., assignor.)
- Ingram, John C., assignor to Armour and Company, Chicago, Ill. Packaging soap. 1,936,395; Nov. 21.
- Ingram, Joseph R., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Antioxidant for vulcanized products. 1,896,544; Feb. 7.

- Ingram, Joseph K., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Age resisting vulcanized rubber product and manufacturing same. 1,902,405; Mar. 21.
- Ingram, Walter L., assignor of one-half to F. W. Ingram, Chicago, Ill. Automatic relief valve. 1,937,038; Nov. 28.
- Ingwer, Carl H., assignor to The I. T. S. Company, Elyria, Ohio. Heel mold and method of forming articles. 1,932,548; Oct. 31.
- Ingwersen, Gustav F., and T. C. Steiner, Denver, Colo. Brush. 1,927,093; Sept. 19.
- Injecta A-G. Spritzgusswerke. (See Mahny, James, assignor.)
- Inkset Safety Paper Co. (See Wood, Frank S., assignor.)
- Inland Container Corporation. (See Bomberger, George E., assignor.)
- Inland Glass Works, Inc. (See Allen, Joseph H., assignor.)
- Inland Manufacturing Company, The. (See Berkeley, Harrison C., assignor.)
- Inland Manufacturing Company, The. (See Chilton, Ralph H., assignor.)
- Inland Manufacturing Company, The. (See Geyer, Harvey D., assignor.)
- Inland Manufacturing Company, The. (See Geyer, H. D., and Flower, assignors.)
- Inland Manufacturing Company. (See Henne, George C., assignor.)
- Inland Manufacturing Company. (See MacGrath, Harold F., assignor.)
- Inland Paper Box Company. (See Hildebrand, Henry W., jr., assignor.)
- Inland Steel Company. (See Murton, Crawford B., assignor.)
- Inland Steel Company. (See Sykes, Wilfred, assignor.)
- Inland Steel Co. (See Thompson, Arthur W., assignor.)
- Inman, Fred H., Schenectady, N. Y., assignor to General Electric Company. Electrode holder. 1,935,449; Nov. 14.
- Inman, Gilbert H., Taunton, Mass. Telltale for motor vehicle lights. 1,935,399; Nov. 14.
- Inman, Harry A., assignor to Bloomer Bros. Company, Newark, N. Y. Egg container. 1,894,402; Jan. 17.
- Inman Manufacturing Company. (See Joslin, Frank M., assignor.)
- Inman, William H., and H. C. Bloomer, assignors to Bloomer Bros. Company, Newark, N. Y. Container. 1,908,251; May 9.
- Innes, George, Davenport, assignor to Innes Manufacturing Company, Bettendorf, Iowa. Grain pick up mechanism. 1,896,626; Feb. 7.
- Innes, George, Davenport, assignor to Innes Manufacturing Company, Bettendorf, Iowa. Harvesting grain. 1,905,409; Apr. 25.
- Innes, George, assignor to Innes Manufacturing Company, Bettendorf, Iowa. Harvesting machine. 1,905,410; Apr. 25.
- Innes Manufacturing Company. (See Innes, George, assignor.)
- Innovation Brakes, Inc. (See Shelor, Frederick L., assignor.)
- Inocencio, Felipe, Glendora, Calif. Receptacle cover. Des. 89,544; Mar. 28.
- Inokuty, Haruhisa, Hongo-ku, Tokyo, and Z. Nagaoka, Shitaya-ku, Tokyo, Japan. Rotor for turbo-blowers, centrifugal pumps and the like. 1,902,406; Mar. 21.
- Inscho, Sidney D., assignor to Ohio Seamless Tube Company, Shelby, Ohio. Apparatus for charging and discharging furnaces. 1,936,840; Nov. 28.
- Inside Tray Company. (See Graham, Earl S., assignor.)
- Inslee, Heber C., New York, N. Y., assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Method of and apparatus for making seamless tubes. 1,926,237; Sept. 12.
- Insley Manufacturing Company, The. (See Rasmussen, Alvin C., assignor.)
- Insley, Robert, Detroit, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,917,206; July 4.
- Instan-Starter, Inc. (See McDonough, John C., assignor.)
- Instograph, Ltd. (See Friden, C. M. F., and Renholts, assignors.)
- Instograph Ltd. (See Sutton, Charles Z., assignor.)
- Insulated Steel Floor and Wall Company, The. (See Higley, Frank R., assignor.)
- Insulex Corporation. (See Nelson, William K., assignor.)
- Insulite Company, The. (See Ellis, George H., assignor.)
- Intercontinental Rubber Company. (See Spence, David, assignor.)
- Interlock Metal Hose Company, The. (See Rudolph, George O. L., assignor.)
- Intermetal Corporation. (See Jenness, Leslie G., assignor.)
- International Agricultural Corporation. (See Barr, James A., assignor.)
- International Agricultural Corporation. (See Fink, C. G., and Vivian, assignors.)
- International Agricultural Corporation. (See Vivian, Robert E., assignor.)
- International Air Brake Control Company. (See Seifferle, Oliver, assignor.)
- International Banding Machine Company. (See Radzinsky, Harry, assignor.)
- International Battery Company. (See Hole, William W., assignor.)
- International Bitumen Emulsion Corporation. (See Braun, Carl A., assignor.)
- International Bitumenol Corporation. (See Vandegrift, J. N., and Postal, assignor.)
- International Braid Company. (See Dennis, John R., assignor.)
- International Business Machines Corporation. (See Bryce, James W., assignor.)
- International Business Machines Corporation. (See Bryce, J. W., and Daly, assignors.)
- International Business Machines Corporation. (See Carroll, Fred M., assignor.)
- International Business Machines Corporation. (See Chamberlain, Samuel H., jr., assignor.)
- International Business Machines Corporation. (See Cunningham, James M., assignor.)
- International Business Machines Corporation. (See Decker, S. K., and Roberts, assignors.)
- International Business Machines Corporation. (See Farmer, Paul M., assignor.)
- International Business Machines Corporation. (See Ford, Eugene A., assignor.)
- International Business Machines Corporation. (See Gilbert, William N., assignor.)
- International Business Machines Corporation. (See Gumpich, William, assignor.)
- International Business Machines Corporation. (See Gutgesell, William F., assignor.)
- International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
- International Business Machines Corporation. (See Horsfield, Cyril, assignor.)
- International Business Machines Corporation. (See Hutchinson, Glen N., assignor.)
- International Business Machines Corporation. (See Lake, Clair D., assignor.)
- International Business Machines Corporation. (See Larabee, Clinton E., assignor.)
- International Business Machines Corporation. (See McFall, Robert J., assignor.)
- International Business Machines Corporation. (See Mills, Albert W., assignor.)
- International Business Machines Corporation. (See Neale, Charles C., assignor.)
- International Business Machines Corporation. (See Peirce, John R., assignor.)
- International Business Machines Corporation. (See Reusenzehn, Ernest A., assignor.)
- International Business Machines Corporation. (See Reynolds, Lynus C., assignor.)
- International Business Machines Corporation. (See Roberts, G. A., and Decker, assignors.)
- International Business Machines Corporation. (See Smith, Arthur F., assignor.)
- International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)
- International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
- International Business Machines Corporation. (See Von Pein, Edward J., assignor.)
- International Business Machines Corporation. (See Weinlich, Hermann A., assignor.)
- International Business Machines Corporation. (See Weinlich, H. A., and Kölm, assignors.)
- International Business Machines Corporation. (See Wood, George R., assignor.)
- International Cellucotton Products Company. (See Fourness, Charles A., assignor.)
- International Cellucotton Products Company. (See Gresenz, William A., assignor.)
- International Check Endorser Co., The. (See Lyman, W. H., and Fischel, assignors.)
- International Check Endorser Co., The. (See Lyman, W. H., and Rix, assignors.)
- International Chromium Process Corporation. (See Simpson, Kenneth M., assignor.)
- International Cigar Machinery Company. (See Beutel, R. J., and Peterson, assignors.)
- International Cigar Machinery Company. (See Carlson, Hjalmar E., assignor.)
- International Cigar Machinery Company. (See Gladeck, F. C., and Durning, assignors.)
- International Cigar Machinery Company. (See Halstead, John F., assignor.)
- International Cigar Machinery Company. (See Rundell, Rupert E., assignor.)
- International Cigar Machinery Company. (See Rundell, R. E., and Hagquist, assignors.)
- International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
- International Combustion Engineering Corporation. (See Jackson, George P., assignor.)
- International Combustion Engineering Corporation. (See Patterson, W. S., and Rosencrants, assignors.)
- International Combustion Engineering Corporation. (See Rydmark, J. A., and Mittendorf, assignors.)
- International Combustion Engineering Corporation. (See Wood, Wilfred R., assignor.)
- International Communications Laboratories, Inc. (See Bancroft, Erwin P., assignor.)
- International Communications Laboratories, Inc. (See Cassidy, William F., jr., assignor.)
- International Communications Laboratories, Inc. (See Clavier, André G., assignor.)
- International Communications Laboratories, Inc. (See Clokey, Allison A., assignor.)

- International Communications Laboratories, Inc. (See Clokey, A. A., and Woodward, assignors.)
 International Communications Laboratories, Incorporated. (See Coe, E. R. C., and Cassidy, jr., assignors.)
 International Communications Laboratories, Inc. (See Connery, Alder F., assignor.)
 International Communications Laboratories, Inc. (See Connery, A. F., and Woodward, assignors.)
 International Communications Laboratories, Inc. (See Darbord, René H., assignor.)
 International Communications Laboratories, Inc. (See Darbord, R. H., and Clavier, assignors.)
 International Communications Laboratories, Inc. (See Durand, Samuel R., assignor.)
 International Communications Laboratories, Inc. (See Foss, Clifton T., assignor.)
 International Communications Laboratories, Inc. (See Hallden, Frederick G., assignor.)
 International Communications Laboratories, Inc. (See Kerr, Mark B., assignor.)
 International Communications Laboratories, Inc. (See Miller, Herman P. jr., assignor.)
 International Communications Laboratories, Inc. (See Miller, H. P., jr., and Farrington, assignors.)
 International Communications Laboratories, Inc. (See Peterman, William C., assignor.)
 International Communications Laboratories, Inc. (See Ports, Earl G., assignor.)
 International Communications Laboratories, Inc. (See Ports, E. G. and Miller, jr., assignors.)
 International Communications Laboratories, Inc. (See Royden, George T., assignor.)
 International Communications Laboratories, Inc. (See Smith, Clyde, assignor.)
 International Communications Laboratories, Inc. (See Smith, R. E., and Kelley, assignors.)
 International Communications Laboratories, Inc. (See Sundberg, Emanuel W., assignor.)
 International Communications Laboratories, Inc. (See Vernam, Gilbert S., assignor.)
 International Communications Laboratories, Inc. (See Vernam, G. S., and Hallden, assignors.)
 International Communications Laboratories, Inc. (See Watkins, James O., assignor.)
 International Communications Laboratories, Inc. (See Wood, Harry, assignor.)
 International Communications Laboratories, Inc. (See Woodward, Marion H., assignor.)
 International Communications Laboratories, Inc. (See Woodward, M. H., and Connery, assignors.)
 International Communications Laboratories, Inc. (See Zwietusch, Eduard O., assignor.)
 International Corset Company. (See Schopbach, Charles H., assignor.)
 International Cosmetic Company. (See Duell, C. H., Brisbane, and Clarke, assignors.)
 International Derrick & Equipment Company of Texas. (See Bloss, Richard R., assignor.)
 International Fireproof Products Corporation. (See Vivas Fernando S., assignor.)
 International Flare-Signal Company. (See Driggs, Louis L., jr.)
 International Glove Process Company. (See Hohanson, Carl H., assignor.)
 International Harvester Company. (See Baker, D. B., Rogers and Panzgrau, assignors.)
 International Harvester Company. (See Beall, William L., assignor.)
 International Harvester Company. (See Bechman, William O., assignor.)
 International Harvester Company. (See Benjamin, Bert R., assignor.)
 International Harvester Company. (See Benjamin, B. R., and Cady, assignors.)
 International Harvester Company. (See Benjamin, B. R., and Graham, assignors.)
 International Harvester Company. (See Cady, Sherman W., assignor.)
 International Harvester Company. (See Cady, S. W., and Smith, assignors.)
 International Harvester Company. (See Dessel, Sylvan C., assignor.)
 International Harvester Company. (See Frick, H. A., and Rouse, assignors.)
 International Harvester Company. (See Graham, Michael J., assignor.)
 International Harvester Company. (See Graham, William S., assignor.)
 International Harvester Company. (See Graham, W. S., and Gallagher, assignors.)
 International Harvester Company. (See Hipple, James L., assignor.)
 International Harvester Company. (See Hitchcock, Rex B., assignor.)
 International Harvester Company. (See Hyman, Benjamin M., assignor.)
 International Harvester Company. (See Johnson, Arnold E. W., assignor.)
 International Harvester Company. (See Johnson, A. E. W., and Dwyer, assignors.)
 International Harvester Company. (See Johnston, Edward A., assignor.)
 International Harvester Company. (See Johnston, E. A., and Baker, assignors.)
 International Harvester Company. (See Kriegbaum, G. M., Brooks, and Haas, assignors.)
 International Harvester Company. (See Kriegbaum, G. M., and Haas, assignors.)
 International Harvester Company. (See Lindgren, Alexis C., assignor.)
 International Harvester Company. (See Lindgren, A. C., and Gallagher, assignors.)
 International Harvester Company. (See Lindgren, A. C., and Olson, assignors.)
 International Harvester Company. (See Lindgren, A. C., and Raney.)
 International Harvester Company. (See Lindgren, A. C., Raney and Hitchcock, assignors.)
 International Harvester Company. (See Lyford, Robert E., assignor.)
 International Harvester Company. (See Morkovski, James, assignor.)
 International Harvester Company. (See Morrill, Lewis H., assignor.)
 International Harvester Company. (See Rosenthal, W. C., and Panzgrau, assignors.)
 International Harvester Company. (See Mowry, Edward, assignor.)
 International Harvester Company. (See Olson, William, assignor.)
 International Harvester Company. (See Pearson, Charles, assignor.)
 International Harvester Company. (See Pinson, James H., assignor.)
 International Harvester Company. (See Randall, Parke, assignor.)
 International Harvester Company. (See Robinson, Charles W., assignor.)
 International Harvester Company. (See Selzer, John, assignor.)
 International Harvester Company. (See Slonneger, John C., assignor.)
 International Harvester Company. (See Walker, E. C., and Engstrom, assignors.)
 International Harvester Company. (See Wamhoff, W. E., and Thompson, assignors.)
 International Harvester Company. (See Welty, Albert B., assignor.)
 International Harvester Company. (See Wilson, Walter C., assignor.)
 International Honey-Butter Corporation. (See Rasky, David, assignor.)
 International Industrial & Chemical Company. (See De-guide, Camille, assignor.)
 International Latex Corporation. (See Gammeter, John R., assignor.)
 International Latex Corporation. (See Spancl, A. N., Weston, and Bitner, assignors.)
 International Mailing Tube and Wrapper Company. (See Greve, Herman L., assignor.)
 International Motor Company. (See Bernard, Harry, assignor.)
 International Motor Company. (See Bode, Louis A., assignor.)
 International Motor Company. (See Bohlen, Charles, jr., assignor.)
 International Motor Company. (See Frins, Maximilian C., assignor.)
 International Motor Company. (See Gurney, Erving R., assignor.)
 International Motor Company. (See Heiney, John W., assignor.)
 International Motor Company. (See Hoyme, Christopher R., assignor.)
 International Motor Company. (See Leipert, August H., assignor.)
 International Motor Company. (See Mauville, Keith R., assignor.)
 International Motor Company. (See Masury, Alfred F., assignor.)
 International Motor Company. (See Masury, A. F., and Froesch, assignors.)
 International Motor Company. (See Matthews, Joseph L., assignor.)
 International Motor Company. (See Matthews, Philip E., assignor.)
 International Motor Company. (See Post, E. M., jr., and Hanshaw, assignors.)
 International Motor Company. (See Robbins, Azor D., assignor.)
 International Motor Company. (See Schantz, G. M., and Diefenderfer, assignors.)
 International Motor Company. (See Scragg, George H., assignor.)
 International Motor Company. (See Sweigart, Frank T., assignor.)
 International Motor Company. (See Walker, John, assignor.)
 International Nickel Company. (See Bieber, Clarence G., assignor.)
 International Nickel Company, The. (See Erickson, Edward S., assignor.)
 International Nickel Company, The. (See French, Herbert J., assignor.)
 International Nickel Company, The. (See Geiger, George F., assignor.)
 International Nickel Company, The. (See Grieb, Christopher M. W., assignor.)

- International Nickel Company, The. (See Owens, R. J., and Fraser, assignors.)
- International Nickel Company, The. (See Pilling, Norman B., assignor.)
- International Nickel Company, The. (See Pilling, N. B., and Kihlgren, assignors.)
- International Nickel Company, The. (See Wise, Edmund M., assignor.)
- International Nickel Company, Inc., The. (See Merica, P. D., Vanick, and Wickenden, assignors.)
- International Oil Gas Corporation. (See Harris, Leonard B., assignor.)
- International Paper Box Machine Company, The. (See Goss, Harold J., assignor.)
- International Paper Box Machine Company, The. (See Labombarde, Harold S., assignor.)
- International Paper Company. (See Bebie, Edwin W., assignor.)
- International Paper Company. (See Quinn, Robert G., assignor.)
- International Paper Company. (See Scholl, Albert A., assignor.)
- International Patents Development Company. (See Copland, C. J., and Newkirk, assignors.)
- International Patents Development Company. (See Ebert, Charles, assignor.)
- International Patents Development Company. (See Fisher, Adam, assignor.)
- International Patents Development Company. (See Giesecke, Fred O., assignor.)
- International Patents Development Company. (See Hagen, Carl, assignor.)
- International Patents Development Company. (See Hagen, C., and Rowe, assignors.)
- International Patents Development Company. (See Jefferies, Frederick L., assignor.)
- International Patents Development Company. (See Kerr, R. W., and Berlin, assignors.)
- International Patents Development Company. (See Krno, J. M., and Schildberger, assignors.)
- International Pavement Company, The. (See Morrison, Robert F., assignor.)
- International Piston Ring Company. (See Gray, H. F., and Wenzel, assignors.)
- International Postal Supply Company, The. (See Pacher, Josef V., assignor.)
- International Precipitation Company. (See Anderson, Evald, assignor.)
- International Precipitation Company. (See Buff, Carl T., assignor.)
- International Precipitation Company. (See Corbitt, Howard E., assignor.)
- International Precipitation Company. (See Deutsch, Walther, assignor.)
- International Precipitation Company. (See Hahn, C., and Buff, assignors.)
- International Precipitation Company. (See Heinrich, Richard, assignor.)
- International Precipitation Company. (See Horne, G. H., and Lissman, assignors.)
- International Precipitation Company. (See Lissman, Marcel A., assignor.)
- International Precipitation Company. (See Rüder, H. B., and Köpp, assignors.)
- International Precipitation Company. (See Schmidt, Walter A., assignor.)
- International Precipitation Company. (See Weiskopf, Charles H., assignor.)
- International Printing Company. (See Rector, Frank J., assignor.)
- International Products Proprietary Limited. (See Abbott, William J., assignor.)
- International Projector Corporation. (See Dina, Augusto, assignor.)
- International Projector Corporation. (See Frappier, L. S., and Boecking, assignors.)
- International Projector Corporation. (See Kindelmann, A., and Boecking, assignors.)
- International Projector Corporation. (See Michel, Frederick, assignor.)
- International Radio Corporation. (See Vose, Gardiner C., assignor.)
- International Radiophone Corporation. (See Polin, Herbert S., assignor.)
- International Register Company. (See Woodward, A. H., and Richmond, assignors.)
- International Resistance Company. (See Müller, John H., assignor.)
- International Resistance Company. (See Pender, Harold, assignor.)
- International Resistance Company. (See Weiscopef, Marcus W., assignor.)
- International Safety Lock Nut Corporation. (See Crowther, George A., assignor.)
- International Safety Lock Nut Corporation. (See D'Halloy, Audion, assignor.)
- International Safety Lock Nut Corporation. (See Merrier, Eugene, assignor.)
- International Scale Company. (See Gumprich, William, assignor.)
- International Scale Company. (See Schaper, Harry C., assignor.)
- International Screw Company. (See Arenz, John A., assignor.)
- International Seal and Knot Protector Co., The. (See Keldel, Frank, assignor.)
- International Shoe Company. (See Krive, James D., assignor.)
- International Silver Company. (See Beck, Ernest T., assignor.)
- International Silver Company. (See Crowell, Gilbert L., Jr., assignor.)
- International Silver Company. (See Helander, Lillian, assignor.)
- International Silver Company. (See Kintz, Alfred G., assignor.)
- International Silver Company. (See Mowry, William F., assignor.)
- International Spotlight Corporation. (See Sklarek, Clifford, assignor.)
- International-Stacey Corporation. (See Luebbe, Raphael B., assignor.)
- International-Stacey Corporation. (See Owens, Robert H., assignor.)
- International-Stacey Corporation. (See Pfeil, Roy C., assignor.)
- International-Stacey Corporation of Texas. (See Boykin, Burwell, Jr., assignor.)
- International Standard Electric Corporation. (See Baker, John H. E., assignor.)
- International Standard Electric Corporation. (See Busignies, Henri G., assignor.)
- International Standard Electric Corporation. (See Deakin, G., and Schreiber, assignors.)
- International Standard Electric Corporation. (See Hughes, R. L., and Baguley, assignors.)
- International Standard Electric Corporation. (See Pheazey, John R., assignor.)
- International Standard Electric Corporation. See Sandeman, Edward K., assignor.)
- International Standard Electric Corporation. (See Sandeman, E. K., Thomas, and Dunham, assignors.)
- International Standard Electric Corporation. (See Scott, T. R., and Webb, assignors.)
- International Standard Electric Corporation. (See Smith, C. P., and Newton, assignors.)
- International Standard Electric Corporation. (See Vezey, John R., assignor.)
- International Standard Electric Corporation. (See Webb, Lawrence H., assignor.)
- International Standard Electric Corporation. (See Wright, Elmond P. G., assignor.)
- International Standard Electric Corporation. (See Wright, E. P. G., and Hartley, assignors.)
- International Steel Wool Corporation. (See Steinbart, William A., assignor.)
- International Time Recording Company. (See Bryce, James W., assignor.)
- International Time Recording Company. (See Townshend, Bailey, assignor.)
- International Time Recording Company of New York. (See Bishop, L. C., and Swick, assignors.)
- International Time Recording Company of New York. (See Fuller, Frederick L., assignor.)
- International Visible Systems Corporation. (See Freiberg, Stanley B., assignor.)
- Interstate Bakeries Corporation. (See Dow, John R., assignor.)
- Interstate Bakeries Corporation. (See Quick, Claude E., assignor.)
- Interstate Folding Box Company, The. (See Bergstein, Samuel, assignor.)
- Intertype Corporation. (See Gagne, A. L., and Snyder, assignors.)
- Intertype Corporation. (See Severin, Walter F., assignor.)
- Intertype Corporation. (See Sperry, Samuel E., assignor.)
- Intertype Corporation. (See Sperry, Samuel S., assignor.)
- Intertype Corporation. (See Turner, Ransom H., assignor.)
- Intertype Corporation. (See Willis, LeRoy W., assignor.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Bilde, Tord, E. D., assignor.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Engberg, A. O., and Ahnström, assignors.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Engberg, A. O., and Bilde, assignors.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Eriksson-Jons, Anders, assignor.)
- Inventia Patent-Verwertungs-Gesellschaft. (See Lenning, Alvar, assignor.)
- Inventions Exploitations Corporation. (See Benjafield, Walter O., assignor.)
- Investira S. A. (See Ross-Smith, Ewen, assignor.)
- Invex Corporation. (See Craig, Palmer H., assignor.)
- Iodine Educational Bureau, Inc. (See Karns, G. M., and Cretcher, assignors.)
- Ionides, Alexander G. (See Stokes, I. T., and Ionides.)
- Iorio, Adrian J., Randolph, Mass. Fountain pen. 1,901,971; Mar. 21.
- Iowa Fibre Box Company. (See Petersen, Karl W., assignor.)
- Iowa Fiber Box Company, et al. (See Shofer, Marc R., assignor.)
- Iowa State College of Agriculture and Mechanical Arts. (See Sweeney, Orland R., assignor.)

- Ipatieff, Wladimir, Berlin-Wilmersdorf, and C. Freitag, Berlin-Neukolln, Germany. Producing phosphoric acid and hydrogen. 1,895,329; Jan. 24.
- Ipswich Mills Incorporated. (See Sanderson, August A., assignor.)
- Irber, Arthur W., assignor of one-half to F. Tschurn, Bell, Calif. Headlight device. 1,928,665; Oct. 3.
- Irby, J. Pratt, et al. (See Allen, C. F., and Smith, assignors.)
- Iredell, Charles V., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Carbonizing metals and alloys. 1,893,286; Jan. 3.
- Iredell, Charles V., East Orange, N. J., assignor to Westinghouse Lamp Company. Carbonizing metals. 1,908,759; May 16.
- Iredell, Charles V., East Orange, N. J., assignor to Westinghouse Lamp Company. Vertical type mercury switch. 1,929,170; Oct. 3.
- Irelan, Ellison S., assignor to Illinois Watch Case Company, Elgin, Ill. Compact. 1,915,998; June 27.
- Ireland, David F., et al. (See MacKenzie, John W., assignor.)
- Ireland, Dwight B., et al, executors. (See Ireland, George E.)
- Ireland, Edith M., et al., executors. (See Ireland, George E.)
- Ireland, George E., deceased, Toledo, Ohio, E. M. Ireland and D. B. Ireland, executors. Combined hood top and radiator shell for automobiles and the like. 1,919,656; July 25.
- Ireland, George E., assignor to The City Machine & Tool Company, Toledo, Ohio. Sheet metal die. 1,921,188; Aug. 8.
- Ireland, Lawrence, Guelph, Ontario, assignor to The T. Eaton Company, Limited, Toronto, Canada. Electric thermostatic control. 1,926,386; Sept. 12.
- Ireland, Lawrence, Guelph, Ontario, assignor to The T. Eaton Company, Limited, Toronto, Canada. Control for electric heating devices. 1,935,268; Nov. 14.
- Ireland, Lewis J., Austin, Tex., assignor to Tripoli Manufacturing Company, Wilmington, Del. Reclamation of crank case or used oils. Re18,998; July 18.
- Ireland, William D., et al. (See MacKenzie, John W., assignor.)
- Irgens, Finn T., Jackson, assignor, by mesne assignments, to Outboard Motors Corporation, Detroit, Mich. Crank shaft oiling system. 1,898,631; Feb. 21.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Ignition timer breaker mechanism. 1,899,965; Mar. 7.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Breaker mechanism. 1,905,096; Apr. 25.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Propeller-gear housing. 1,932,523; Oct. 31.
- Irgens, Finn T., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor mounting. 1,932,785; Oct. 31.
- Irgens, Finn T., assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor control. 1,932,521; Oct. 31.
- Irgens, Finn T., assignor to Outboard Motors Corporation, Milwaukee, Wis. Armature nut and puller. 1,932,522; Oct. 31.
- Irgens, Finn T., assignor to Outboard Motors Corporation, Milwaukee, Wis. Internal-combustion engine. 1,936,841; Nov. 28.
- Iribarne, Emilio. (See Rivas, R. L., and Iribarne.)
- Irlon, Otto, Berlin-Wilmersdorf, Germany, assignor to Westinghouse Electric & Manufacturing Company. Dry rectifier. 1,930,519; Oct. 17.
- Irlon, Wilhelm, and H. Mahn, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Solution of silk fibroin and the wastes thereof. 1,913,487; June 13.
- Irish, Carleton G., T. E. Burrington, and F. M. Thomas, Rapid City, S. Dak. Gas burner. 1,919,591; July 25.
- Irish, Charles F., Bratenahl, Ohio. Chock. 1,912,038; May 30.
- Irmis, Benjamin E., Oak Park, Ill. Knock-out mechanism for metal working presses. 1,915,531; June 27.
- Iron Fireman Manufacturing Company. (See Banfield, Thomas H., assignor.)
- Iron Fireman Manufacturing Company. (See Birkenbeuel, Edward B., assignor.)
- Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
- Iron Fireman Manufacturing Company. (See Carter, H. C., and Richardson, assignors.)
- Iron Fireman Manufacturing Company. (See Webb, Ernest C., assignor.)
- Iron, George A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing magazine and bobbin therefor. 1,906,970; May 2.
- Irons, Andrew D., and D. L. Waldoek, Highland Park, Mich. Metal spraying device. 1,917,523; July 11.
- Irons, Archie E. (See Kepler, D. S., and Irons.)
- Irons, Archie E., and D. S. Kepler, Sharon, Pa. Safety control for motion picture projection machine. 1,896,672; Feb. 7.
- Irons, George A., Jr., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft carrier. 1,924,191; Aug. 29.
- Irons, John H., sr., Saratoga Springs, N. Y. Convertible heating, cooling, and ventilating means. 1,938,833; Dec. 12.
- Ironside, James, and C. B. Overly, assignors, by mesne assignments, to Clayton & Lambert Manufacturing Company, Detroit, Mich. Combined top and burner structure for fire pots. 1,909,584; May 16.
- Irvine, Andrew. (See Emery, H., and Irvine.)
- Irvine, Charles R. (See Ayer, R. W., and Irvine.)
- Irvine, Fergus A. (See Lathrop, E. C., and Irvine.)
- Irvine, Frank S., Greenlawn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,925,696; Sept. 5.
- Irvine, James, jr. (See Key, James F., assignor.)
- Irving Air Chute Company. (See Bird, W. and Ball, as signors.)
- Irving Air Chute Company. (See Campbell, L. J., Ford and Rogers, assignors.)
- Irving Air Chute Company. (See Lafayette, Harvey E., assignor.)
- Irving Air Chute Company. (See Nichols, Erwin H., as signor.)
- Irving Air Chute Company, Inc. (See Wigley, F. S., and Austing, assignors.)
- Irving, Andrew H., Berkeley, and O. H. Robertson, Oakland, assignors to The Paraffin Companies, Inc., San Francisco, Calif. Pavement. 1,929,279; Oct. 3.
- Irving, Clarence B., Kansas City, Mo., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf memorandum book. 1,905,097; Apr. 25.
- Irving Iron Works Company. (See Lumb, Louis N., assignor.)
- Irving Trust Company, receiver. (See Ball, H. V., and Horton.)
- Irving Trust Company, receiver. (See Horton, Albert J., assignor.)
- Irving Trust Company, receiver. (See Huck, William F.)
- Irving Trust Company, receiver. (See Hunting, Irving A.)
- Irving Trust Company, receiver. (See Schmidt, Louis A., assignor.)
- Irving Trust Company, receiver. (See Tomlin, John R., assignor.)
- Irving Trust Company, receiver. (See Zuckerman, Adolph M., assignor.)
- Irwin Anger Bit Company, The. (See Bannister, H. B., and Robinson, assignors.)
- Irwin, Bernard F., Riverside, and H. T. Tornberg, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating articles. 1,939,054; Dec. 12.
- Irwin, David L., assignor of one-third to M. D. Butler and one-third to D. L. Cook, Oilton, Okla. Gun support. 1,914,259; June 13.
- Irwin, David L. (See Plummer, H. L., and Irwin.)
- Irwin, David L., High Holborn, London, and B. E. Tippins, Golders Green, London, England. Floor covering and the like. 1,899,416; Feb. 28.
- Irwin, Emmett H. (See Montgomery, J. L., Tarbell, and Irwin.)
- Irwin, George H., Chicago, Ill. Gas ignition apparatus. 1,928,428; Sept. 26.
- Irwin, James C., jr. (See Trania, S., and Irwin.)
- Irwin, Lawrence C., assignor to Charles J. Tagliabue Mfg Co., Brooklyn, N. Y. Automatic control switch. 1,903,924; Apr. 18.
- Irwin, Ray E., and E. C. Marshall, Kansas City, Mo., assignor, by mesne assignments, to Socony-Vacuum Corporation, New York, N. Y. Apparatus for the conversion of hydrocarbon oils. 1,928,494; Sept. 26.
- Irwin, William H., and A. E. King, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Sampling device. 1,927,871; Sept. 26.
- Irwin, William J., Wilkinsburg, Pa. Heat regenerator. 1,904,236; Apr. 18.
- Irwin, William J., Wilkinsburg, Pa. Regenerative chamber. 1,904,237; Apr. 18.
- Irwin, Robert L., assignor to Motor Improvements, Inc., Newark, N. J. Automatic soldering machine. 1,938,387; Dec. 5.
- Isaacs, Mone R., Philadelphia, Pa. Making paper and similar products. 1,929,432; Oct. 10.
- Isaacs, Raphael. (See Sharp, E. A., Sturgis, and Isaacs.)
- Isaacson, Fred A., Chicago, Ill. Car gassing device. 1,905,098; Apr. 25.
- Isaacson, Harry, Brooklyn, N. Y., assignor to J. Schoenfeld, New York, N. Y. Portable receptacle. 1,927,590; Sept. 19.
- Isaacson Iron Works. (See Sherman, Ray C., assignor.)
- Isaacson, Max, Dayton, Ohio. Fluid brake. 1,903,293; Apr. 4.
- Isaacson, Morris, Brooklyn, N. Y. Combination book rest and stand. 1,898,666; Feb. 21.
- Isaif, Sam, Montreal, Quebec, Canada. Seat and concealed table. 1,914,721; June 20.
- Isaksson, Edvin and E. B., and M. A. Paulsson, Torekov, Sweden. Crepe rubber boot. 1,926,625; Sept. 12.
- Isaksson, Emil B. (See Isaksson, E. and E. B. and Paulsson.)
- Isaza, Tulio L., Bucaramanga, Columbia. Game apparatus. 1,939,819; Dec. 19.
- Isbell, Charles B., Elkhardt, Ind., assignor to Shuffleboard Equipment Co., St. Petersburg, Fla. Shuffle board cue. 1,895,393; Jan. 24.

- Isbell, John A., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Drive for unit presses and folders. 1,908,608; May 9.
- Isbell, John A., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Matrix roller. 1,929,068; Oct. 3.
- Isbell-Porter Company. (See Hay, Samuel F., assignor.)
- Isbell, William T., Bonne Terre, Mo., and G. F. Weaton, Beaver, Pa., assignors to St. Joseph Lead Company, New York, N. Y. Treatment of ores. 1,940,912; Dec. 26.
- Ischebeck, Carl, Vorde, assignor to K. Maste, Iserlohn, Germany. Hydraulic buffer with closing device for doors. 1,941,399; Dec. 26.
- Ischie, William V., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Oil cracking apparatus. 1,914,373; June 20.
- Isco Chemical Company. (See Ladd, Edward T., assignor.)
- Isdahl, Einar, Oslo, Norway. Admission of air to the induction pipes of internal combustion engines. 1,918,913; July 18.
- Isgrig, Walter V., Milwaukee, Wis. Automobile bumper. 1,905,590; Apr. 25.
- Isham, Robert M., assignor of three-fourths to W. B. Pine, Okmulgee, Okla. Making esters from olefines. 1,929,870; Oct. 10.
- Isham, Robert M., and O. Spring, Okmulgee, Okla., assignors to Doherty Research Company, New York, N. Y. Manufacturing chlorhydrins. 1,918,967; July 18.
- Isherwood, John J. (See Messler, E. L., and Isherwood.)
- Isherwood, Joseph W. and W. Ragzles Wood, Chislehurst, England. Hatch cover. 1,904,735; Apr. 18.
- Isherwood, Joseph W. and W. Ragzles Wood, Chislehurst, England. Cover for hatches. 1,904,736; Apr. 18.
- Isherwood, William. (See Isherwood, Joseph W. and W.)
- Ishidate, Morizo. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Ishii, Yomoichi, East Ely, Nev. Sun visor. 1,929,314; Oct. 3.
- Ishimizu, Nagahiro. (See Hirose, J., and Ishimizu.)
- Ising, Rudolph C. (See Harman, H., and Ising.)
- Iskin, Herman, Jamaica, N. Y. Combined costume false-head and child's play-hat. 1,894,690; Jan. 17.
- Isle, Cecil, London, England. Internal combustion engine. 1,902,781; Mar. 21.
- Isler, Hans. (See Hartmann, M., and Isler.)
- Isler, Herman R. (See Ernst, H., and Isler.)
- Isler, Herman R., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Cutter grinder. 1,924,608; Aug. 29.
- Isler, Herman R., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Grinding machine. 1,935,633; Nov. 21.
- Isler, Jacob & Co., Aktiengesellschaft. (See Koch, Albert, assignor.)
- Isley, George H., assignor to Morgan Construction Company, Worcester, Mass. Regenerative heating furnace. 1,897,008; Feb. 7.
- Isley, George H., assignor to Morgan Construction Company, Worcester, Mass. Operation of regenerative furnaces. 1,900,397; Mar. 7.
- Isley, George H., assignor to Morgan Construction Company, Worcester, Mass. Regenerative air preheating. 1,941,446; Dec. 26.
- Isley, George H., and G. A. Merkt, assignors to Morgan Construction Company, Worcester, Mass. Furnace construction and operation. 1,900,396; Mar. 7.
- Isley, Gilbert W., Cleveland, Ohio. Receding compartment door. 1,895,415; Jan. 24.
- Isom Benjamin O., assignor to The Hutto Engineering Company, Inc., Detroit, Mich. Grinding or honing machine. 1,934,858; Nov. 14.
- Isothermos Corporation. (See Grandjean, Georges, assignor.)
- Isothermos Corporation of America. (See Eveno, Georges, assignor.)
- Isothermos Corporation of America. (See Fruhstorfer, Edgar, assignor.)
- Israel, Dorman D., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Loud speaker operation and circuit. 1,897,890; Feb. 14.
- Isted, Gerald A. (See Mathieu, G. A., and Isted.)
- Ittner, Carl P., Anoka, Minn. Sprinkler. 1,938,837; Dec. 12.
- Ittner, George W., St. Louis, Mo., assignor of one-half to John B. Hulett, New York, N. Y. Container cap. 1,934,069; Nov. 7.
- Ittner, Martin H., Jersey City, N. J., assignor to Colgate-Palmolive-Peet Company, Chicago, Ill. Making soap and glycerine. 1,918,603; July 18.
- Iulo, Roy T. (See Prudente, J. A., and Iulo.)
- Iulo, Daniel J. (See Rustin, E. H., and Iulo.)
- Iulo, Rena. (See Rustin, E. H., and Iulo.)
- Ivanoff, Alexander. (See Hodgson, J. L., Ivanoff, and Howard.)
- Ivanoff, Leonid. (See Björkman, P. O., and Ivanoff.)
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Roll mounting. Re18,992; Nov. 7.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Roll mounting. 1,900,344; Mar. 7.
- Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for balancing rolls. 1,935,091; Nov. 14.
- Iversen, Lorenz, Pittsburgh, R. E. Noble, Crafton, and G. L. Fisk, assignors to Mesta Machine Company, Pittsburgh, Pa. Apparatus for coiling material. 1,935,092; Nov. 14.
- Iversen, Lorenz, G. L. Fisk, Pittsburgh, and C. L. Raisig, Coraopolis, assignors to Mesta Machine Company, Homestead, Pa. Rolling mill. 1,936,672; Nov. 28.
- Iversen, Poul A. S., Copenhagen, Denmark, assignor to Bendix Brake Company, Chicago, Ill. Trailer brake. 1,921,161; Aug. 8.
- Iverson, Cato. (See Shook, F. J., and Iverson.)
- Iverson, Erling C., Port Arthur, Tex. Navigational instrument. 1,893,235; Jan. 3.
- Iverson, Joseph L., Helena, Mont. Land leveler. 1,894,871; Jan. 17.
- Ives, Charles E. (See Crabtree, J. I., and Ives.)
- Ives, Clifford E., Chicago, Ill. Traffic control system. 1,931,350; Oct. 17.
- Ives, Clifford E., Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for manufacturing composition board. 1,909,583; May 16.
- Ives, Clifford E., Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Inverter for sheet materials. 1,915,672; June 27.
- Ivulge, Herbert E., Montclair, N. J. Printing stereoscopic positives from inverted relief negatives. 1,905,469; Apr. 25.
- Ives, Herbert E., Montclair, N. J. Parallax panorama-gram. 1,918,705; July 18.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making stereoscopic parallax panoramagrams from pseudoscopic parallax panoramagrams. 1,905,716; Apr. 25.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 1,907,114; May 2.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stereoscopic picture with exaggerated or diminished relief. 1,916,320; July 4.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 1,932,253; Oct. 24.
- Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Projecting pictures in stereoscopic relief. 1,937,118; Nov. 28.
- Ives, Norman S., United States Navy. Underwater goggles. 1,935,634; Nov. 21.
- Ivey, John W., Little Rock, Ark. Painter's striping device. 1,927,743; Sept. 19.
- Ivey, Walter B., South Jacksonville, Fla. Sprinkler nozzle. 1,913,278; June 6.
- Izard, Emmette F. (See Barrett, H. J., and Izard.)
- Izbicki, Adolph, Cambridge, Mass. Rotary pump. 1,900,416; Mar. 7.
- Izsak, Alexander, Central Park, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Producing butyl and isopropyl alcohols. Re18,729; Feb. 7.
- Izsak, Alexander, Central Park, N. J., and F. J. Funk, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Producing butyl alcohol. 1,908,361; May 9.
- J. F. S. Company. (See Jacobsen, Richard S., assignor.)
- J. & M. Machine Company, The. (See Mitchell, Courtney N., assignor.)
- J. & P. Coats (Rhode Island) Incorporated. (See Wray, Henry, assignor.)
- Jablin, Abraham A., assignor of one-half to Davidson Enamel Products, Inc., Lima, Ohio. Panel. Des. 90,949; Oct. 31.
- Jablow, Charles, Pittsburgh, and B. Wheeler, Wilkesburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Floating bearing. 1,899,691; Feb. 28.
- Jack, Isabella D. (See Elliott, J. H., and Jack.)
- Jack, William, assignor of nine-tenths to D. & J. Tullis, Limited, Clydebank, Scotland. Laundry press. 1,917,124; July 4.
- Jack, William A., 3d, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Muffler. 1,921,468; Aug. 8.
- Jacker, Richard J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Tail clamp mechanism. 1,908,151; May 9.
- Jackman, Clarence W., Oak Park, Ill. Dental bridge. 1,937,345; Nov. 28.
- Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion picture. 1,926,722; Sept. 12.
- Jackman, Fred W., Beverly Hills, and H. F. Koenekamp, Los Angeles, Calif., assignors to Warner Bros. Pictures, Inc., New York, N. Y. Making composite photographs. 1,939,304; Dec. 12.
- Jackman, Hyman, Brooklyn, assignor to P. Marks, New York, N. Y. Apparatus for folding, beating, and mixing batters. 1,914,807; June 20.
- Jacks, Louise M., London, England. Corset for ladies' wear. 1,908,760; May 16.
- Jackson, Albert M., United States Army, Brooklyn, N. Y. Method for determining and measuring distances. 1,920,259; Aug. 1.
- Jackson, Alexander B. (See Gardiner, H. W. B., and Jackson.)

- Jackson, Alfred F., Providence, R. I., assignor to L. R. Smith, receiver of Apco Mossberg Corporation. Automobile indicating device. 1,905,717; Apr. 25.
- Jackson, Alfred F., Providence, R. I., assignor to L. R. Smith, receiver, Apco Mossberg Corporation. Carburetor for internal combustion engines. 1,927,684; Sept. 19.
- Jackson, Arthur N., assignor to De Berge's Patents Limited, Manchester, England. Machine for riveting, punching, pressing, stamping, and like operations. 1,940,304; Dec. 19.
- Jackson, Carey B. (See Bennett, O. G., and Jackson.)
- Jackson, Charles A. (See Rountree, P. H., and Jackson.)
- Jackson, Charles F. (See Schrier, D. P., and Jackson.)
- Jackson, Clarence M., Boulder, Nev. Drill-steel puller. 1,907,970; May 9.
- Jackson, Daniel D., Brooklyn, N. Y., assignor to Remington Arms Company. Metallic Alloy. 1,900,182; Mar. 7.
- Jackson, Donald, Deptford, London, England. Packing machinery. 1,926,485; Sept. 12.
- Jackson, Edward H., and H. J. Cameron, Fort Wayne, Ind., assignors to General Electric Company. Resinous composition and preparing the same. 1,919,163; July 18.
- Jackson, Elizabeth M., Toledo, Ohio. Mop. 1,934,542; Nov. 7.
- Jackson, Elton B., Baltimore, Md., assignor to Safety Devices Corporation, Dover, Del. Life saving garment. 1,909,180; May 16.
- Jackson, Frank F., assignor of one-third to E. M. Williams, and one-third to H. M. Smith, Cleveland, Ohio. Damper. 1,934,928; Nov. 14.
- Jackson, George P., Flushing, assignor to International Combustion Engineering Corporation, New York, N. Y. Steam generator. 1,915,463; June 27.
- Jackson, George P., Flushing, assignor to International Combustion Engineering Corporation, New York, N. Y. Boiler with multiple superheaters. 1,941,354; Dec. 26.
- Jackson, Glenn B., Newton, Iowa. Bag holder and sewer. 1,941,355; Dec. 26.
- Jackson, Harold E., Detroit, Mich. Shock absorber. 1,936,876; Nov. 28.
- Jackson, Harry, Prestwich, Manchester, assignor to Imperial Chemical Industries Limited, London, England. Typewriting and multiple-copying process. 1,923,625; Aug. 22.
- Jackson, Harry G., Jenkintown, Pa. Gauge. 1,901,451; Mar. 14.
- Jackson, Henry A. (See Hall, R. E., and Jackson.)
- Jackson, Herbert D. (See Bowman, S. B., Haub, and Jackson.)
- Jackson, James P., Chicago, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,900,345; Mar. 7.
- Jackson, John, Warren, Ohio. Headlight. 1,928,564; Sept. 26.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Fuse panel board. 1,901,164; Mar. 14.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Reinforced block structure for electric fixtures. 1,901,165; Mar. 14.
- Jackson, John G., assignor to Square D Company, Detroit, Mich. Container for electrical conductors. 1,912,552; June 13.
- Jackson, John G., and W. T. Allen, assignors to Square D Company, Detroit, Mich. Arc suppressor. 1,898,128; Feb. 21.
- Jackson, John G., and R. H. Kingdon, assignors to Square D Company, Detroit, Mich. Fuse box. 1,930,428; Oct. 10.
- Jackson, John R., St. Louis, Mo. Engine exhaust nozzle. 1,930,052; Oct. 10.
- Jackson, Joseph, Pittsburgh, Pa. Telephone dial lock. 1,938,259; Dec. 5.
- Jackson, Joseph C., and A. J. Ingersoll, Wildwood, N. J. Tire tool. 1,902,283; Mar. 21.
- Jackson, Lewis R., assignor to Henry Vogt Machine Co., Louisville, Ky. Refrigerating apparatus. 1,911,319; May 30.
- Jackson, Lucian C., Buffalo, N. Y. Internal combustion engine. 1,898,963; Feb. 21.
- Jackson, Lucile J. P., administratrix. (See Jackson, W. M. S., and Hackethal.)
- Jackson, Maunsell B., and K. M. Clipsham, Toronto, assignors to Leaside Engineering Co. Limited, Leaside, Ontario, Canada. Engine starter. 1,920,793; Aug. 1.
- Jackson, Maunsell B., and K. M. Clipsham, Toronto, assignors to Leaside Engineering Co. Limited, Leaside, Ontario, Canada. Engine starter. 1,920,794; Aug. 1.
- Jackson, O. W., & Co. Inc. (See Lorraine, Edward C., assignor.)
- Jackson, Paul E., Los Angeles, Calif. Printing press. 1,922,439; Aug. 15.
- Jackson, Paul F., assignor to The Radio Products Company, Dayton, Ohio. Current-measuring device. 1,931,763; Oct. 24.
- Jackson, Paul S., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Workholder for machine tools. 1,909,681; May 16.
- Jackson, Percy A., assignor to American Writing Paper Company, Inc., Holyoke, Mass. Paper-making apparatus. 1,912,341; May 30.
- Jackson & Perkins Company. (See Dénoyol, Marguerite, assignor.)
- Jackson & Perkins Company (See Raymond, Louis, assignor.)
- Jackson, Philip A., Dayton, Ohio. Autographic register. 1,912,844; June 6.
- Jackson, Ray P., Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,902,958; Mar. 28.
- Jackson, Robert J. (See Johnson, J. E., and Jackson.)
- Jackson, Samuel T., Brooklyn, N. Y. Sign. 1,934,715; Nov. 14.
- Jackson, Victor H., Metuchen, N. J., assignor to New York Stock Exchange, New York, N. Y. Carrier for pneumatic dispatch systems. 1,902,856; Mar. 28.
- Jackson, W. J. (See Noble, Reuben H., assignor.)
- Jackson, Walter C., assignor to Tingley Reliance Rubber Corporation, Rahway, N. J. Spring for reinforcing clamping devices. 1,893,975; Jan. 10.
- Jackson, Walter C., assignor to Tingley Reliance Rubber Corporation, Rahway, N. J. Splash guard. 1,933,982; Nov. 7.
- Jackson, Wayne, Paola, Kans. Electrical wire swivel. 1,894,872; Jan. 17.
- Jackson, Wilfred E. (See Disney, W. E., Jackson, and Garity.)
- Jackson, William M. S., deceased, and P. F. Hackethal, Detroit, Mich.; L. J. P. Jackson, administratrix of said William M. S. Jackson, assignors to National Bank of Germantown & Trust Company, trustee, Philadelphia, Pa. Lubricator for internal combustion engines. 1,917,125; July 4.
- Jackson, William E., jr., New York, N. Y. Game. 1,932,524; Oct. 31.
- Jackson, William S. (See Hart, Charles, assignor.)
- Jackson, William W., Brooklyn, N. Y. Fireplace screen. 1,926,443; Sept. 12.
- Jacob Bros. Co. (See Berghane, Henry, assignor.)
- Jacob, Francis M., Columbus, Miss. Combined seesaw and merry-go-round. 1,904,687; Apr. 18.
- Jacob, Thomas H., Wausau, Wis. Trailer hitch. 1,927,591; Sept. 19.
- Jacobi, Arthur W., assignor of two-thirds to O. J. Coughly and R. E. Ponder, St. Louis, Mo. Photographic printing machine. 1,920,561; Aug. 1.
- Jacobi, Bernhard and H. Fikentscher, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Production of acrylic esters from β -chloropropionic esters. 1,934,613; Nov. 7.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,893,142; Jan. 3.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Handle. 1,899,418; Feb. 28.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,905,639; Apr. 25.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,905,902; Apr. 25.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,908,672; May 9.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch. 1,909,585; May 16.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch. 1,912,982; June 6.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Current limit relay. 1,928,334; Sept. 26.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,920,975; Oct. 17.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch. 1,932,735; Oct. 31.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 1,936,163; Nov. 21.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch. 1,937,657; Dec. 5.
- Jacobs Bros. Co., The. (See Hoyer, Henrik, assignor.)
- Jacobs Bros. Co. Inc., The. (See Walker, Harold L., assignor.)
- Jacobs, Charles B., Madison, Wis. Fish lure. Des. 91,170; Dec. 12.
- Jacobs, Charles B., Baltimore, Md. Slip-on garment. 1,903,403; Apr. 4.
- Jacobs, Charles H., and E. R. Nash, San Francisco, Calif., assignors to Syphonator Company, Ltd. Beverage carbonating and dispensing apparatus. 1,905,986; Apr. 25.
- Jacobs, Charles T. (See Miessner, B. F., and Jacobs.)
- Jacobs, Charles T., New Providence, N. J. Volume-control circuit. 1,938,256; Dec. 5.
- Jacobs, Charles T., New Providence, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,906,607; May 2.
- Jacobs, Charles T., New Providence Township, Union County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,915,861; June 27.
- Jacobs, Charles T., New Providence Township, Union County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,933,294; Oct. 31.
- Jacobs, Charles T., New Providence Township, Union County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,933,296; Oct. 31.
- Jacobs, Clarence E., and A. Zech, Detroit, assignors to Industrial Wire Cloth Products Corporation, Wayne, Mich. Oil pump. 1,908,362; May 9.
- Jacobs, Daniel C., New York, N. Y. Carrier for cups and like receptacles. 1,910,168; May 23.

- Jacobs, Daniel C., New York, N. Y. Collapsible paper box. 1,923,928; Aug. 22.
- Jacobs, David A., assignor to The Safe-Out Ash Tray Company, Cleveland, Ohio. Ash tray. Des. 90,531; Aug. 22.
- Jacobs, David S., Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Making welded drum. 1,910,438; May 23.
- Jacobs, Earl, Brooklyn, N. Y. Combined bridge bid indicator and container. Des. 89,509; Mar. 21.
- Jacobs, Ernest H., River Forest, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Switch. 1,919,065; July 18.
- Jacobs, Ernest H., River Forest, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Switch. 1,923,312; Aug. 22.
- Jacobs, Henry S., assignor to The Marion Steam Shovel Company, Marion, Ohio. Hoist control system for electric shovels. 1,915,737; June 27.
- Jacobs, Isidor, Union City, N. J., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Fastener. 1,905,718; Apr. 25.
- Jacobs, Joseph, Bridgeport, assignor to The A. J. Donahue Corporation, Milford, Conn. Button member for garters. 1,940,215; Dec. 19.
- Jacobs, Joseph C., Laredo, Tex. Combination dispensing carton and material holder. 1,925,189; Sept. 5.
- Jacobs, Joseph H., Minneapolis, Minn. Wind driven unit. 1,930,390; Oct. 10.
- Jacobs Manufacturing Company, The. (See Englund, Gustaf A., assignor.)
- Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit for reducing interference. 1,917,035; July 4.
- Jacobs, Saul B., and M. Siegel, Los Angeles, Calif. Bottom rail for roller screens. 1,914,431; June 20.
- Jacobs, Theo. (See Lange, M., Lucc, and Jacobs.)
- Jacobs, Walter T., Freeport, Ill., assignor, by mesne assignments, to Big Rock Ranch Company, Los Angeles, Calif. Hearse. 1,922,094; Aug. 15.
- Jacobs, Wilbur M., Sacramento, Calif. Radio direction indicating device. 1,940,547; Dec. 19.
- Jacobsen, Anton, Brooklyn, N. Y. Frame for cigarette packages. 1,920,864; Aug. 1.
- Jacobsen, Anton, Brooklyn, N. Y. Billfolder, purse, etc. 1,933,115; Oct. 31.
- Jacobsen, Armand P., assignor to William Saylor, Cranbury, N. J. Cattle hitch. 1,916,953; July 4.
- Jacobsen, Christian M., Newcastle, Ind. Adjustable headrest. 1,917,587; July 11.
- Jacobsen, Edwin. (See Simonsen, I. P., and Jacobsen.)
- Jacobsen, Jens N. (See Phetepace, W. D., and Jacobsen.)
- Jacobsen, Jens N., Alameda, Calif., assignor to The Pfaudler Co., Rochester, N. Y. Apparatus for treating liquids. 1,908,152; May 9.
- Jacobsen, Jens N., Alameda, Calif., assignor to The Pfaudler Co., Rochester, N. Y. Apparatus for treating liquids. 1,918,914; July 18.
- Jacobsen, Jens N., assignor to The Pfaudler Co., Rochester, N. Y. Liquid treating apparatus; 1,918,752; July 18.
- Jacobsen, Jens N., assignor to The Pfaudler Co., Rochester, N. Y. Fluid treating apparatus. 1,918,753; July 18.
- Jacobsen, Jens P., Lyngby, Denmark, assignor to Standard Brands Incorporated, New York, N. Y. Air-excluding and automatic drainage device. 1,922,048; Aug. 15.
- Jacobsen, Knud F., assignor to Jacobsen Mfg. Company, Racine, Wis. Transport for lawn mowers. 1,939,853; Dec. 19.
- Jacobsen Mfg. Company. (See Jacobsen, Knud F., assignor.)
- Jacobsen Manufacturing Co. (See Krenzke, William F., assignor.)
- Jacobsen Manufacturing Company. (See Pol, John B., assignor.)
- Jacobsen, Richard S., Weaton, Ill., assignor to J. F. S. Company, Chicago, Ill. Variable speed transmission. 1,913,118; June 6.
- Jacobsohn, Emanuel H., assignor to W. A. Taylor & Co., New York, N. Y. Bottle. Des. 91,071; Nov. 21.
- Jacobson, Arthur G., assignor to The Miehl Printing Press & Mfg. Company, Chicago, Ill. Flexible sheet securing means. 1,913,392; June 13.
- Jacobson, Bernard H., Charleston, W. Va., assignor, by mesne assignments, to The Calco Chemical Company, Inc., Bound Brook, N. J. Synthetic manufacture of acyl benzoic acids. 1,933,375; Oct. 31.
- Jacobson, Carl A., Morgantown, W. Va. Treating powdered coal. 1,940,352; Dec. 19.
- Jacobson, David L. (See Bragg, G. A., Jacobson, and Wilson.)
- Jacobson, David L., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Removal of hydrogen sulphide from gases. 1,900,398; Mar. 7.
- Jacobson, David L., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Treatment of liquids containing tar acid. 1,928,495; Sept. 26.
- Jacobson, David L., Pittsburgh, and W. L. Shively, Wilkensburg, Pa., assignors to The Koppers Company of Delaware. Treatment of fuel gases. 1,932,525; Oct. 31.
- Jacobson, Edward B., and N. A. Foot, Pittsfield, Mass. Device for expelling cream-like substances from collapsible tubes. 1,913,759; June 13.
- Jacobson, Harry, Brooklyn, N. Y. Vanity case sifter. 1,911,691; May 30.
- Jacobson, Henry, assignor to Galland-Henning Mfg. Co., Milwaukee, Wis. Baling press. 1,932,041; Oct. 24.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Swing door inclosure interlock. 1,901,517; Mar. 14.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Mechanical movement. 1,909,470; May 16.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Entrance inclosure door actuating mechanism. 1,916,480; July 4.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Sliding door support. 1,929,977; Oct. 10.
- Jacobson, Ludwig G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Rectilinear electromagnetic motor. 1,933,911; Nov. 7.
- Jacobson, Jubelina, Brooklyn, N. Y. Lawn mower. 1,940,216; Dec. 19.
- Jacobson, Nathan D., San Francisco, Calif. Sprinkler. 1,938,838; Dec. 12.
- Jacobson, Ole A., Detroit, Mich. Safety cash drawer structure. 1,926,809; Sept. 12.
- Jacobson, Parker A., Winona, Minn. Sausage linking machine. 1,901,452; Mar. 14.
- Jacobson, Ralph A., and J. L. Keats, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition and method of making and applying it. 1,912,369; June 6.
- Jacobson, Ralph A., and J. L. Keats, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition and method of making and applying it. 1,912,370; June 6.
- Jacobson, Ralph A., and J. L. Keats, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and methods of making and applying them. 1,912,371; June 6.
- Jacobson, Ralph A., Omaha, Nebr., and J. L. Keats, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating and article produced thereby. 1,912,372; June 6.
- Jacobsson, Fritz M., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Integrating meter for graded measurements. 1,903,418; Apr. 11.
- Jacobs, David S., Jersey City, N. J., assignor, by mesne assignments, to Fuller Lehigh Company. Sectional furnace wall. 1,901,560; Mar. 14.
- Jacobs, David S., Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Economizer. 1,905,470; Apr. 25.
- Jacobs, David S., Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheater. 1,920,198; Aug. 1.
- Jacobs, David S., Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler with water wall tubes. 1,935,635; Nov. 21.
- Jacobs, David S., Montclair, and H. J. Kerr, Westfield, N. J., assignors, by mesne assignments, to Fuller Lehigh Company. Water cooled furnace wall. 1,900,445; Mar. 7.
- Jacobs, David S., Montclair, and J. E. Black, Rumson, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Interdeck superheater for water tube boilers. 1,905,292; Apr. 25.
- Jacobs, David S., Montclair, and W. A. Jones, West New Brighton, N. Y., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Superheater boiler. 1,936,600; Nov. 28.
- Jacoby, Benjamin. (See Divney, J. J., and Jacoby.)
- Jacoby, Enos R., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,909,965; May 23.
- Jacoby, Louis, Dallas, Tex. Foot throttle for motor vehicles. 1,917,036; July 4.
- Jacocks, George T., S. J. Chute, and J. L. Krieg, assignors to Alco Products, Incorporated, New York, N. Y. Waste heat reclaimer. 1,910,392; May 23.
- Jacocks, George T., S. J. Chute, and J. B. Forbes, assignors to Alco Products, Incorporated, New York, N. Y. Heat exchanger. 1,918,601; July 18.
- Jacquard Knitting Machine Co. (See Adler, A. A., and Albertman, assignors.)
- Jacquard Knitting Machine Company. (See Albertman, H., and Sirmay, assignors.)
- Jacqué, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of foils and apparatus therefor. 1,894,467; Jan. 17.
- Jacque, John, Monticello, N. Y. Safety mechanism. 1,941,356; Dec. 26.
- Jacquelet, Robert C. (See Liebel, J. G. H., and Jacquelet.)
- Jacquelet, Robert C., and J. G. H. Liebel, assignors to The Liebel-Flarsheim Company, Cincinnati, Ohio. Therapeutic lamp. 1,935,294; Nov. 14.
- Jacquemin, Francois L. E., Paris, France, assignor to Societe Anonyme des Ondes Dirigees. Radio direction, locating observation and the like. 1,919,556; July 25.
- Jacqueroed, Henry R., Lynbrook, N. Y. Printing for the blind. 1,936,089; Nov. 21.
- Jacques, Fernando O., Providence, R. I. Tooth crown and making the same. 1,916,321; July 4.

- Jacques, Henry E., Detroit, Mich. Cloth cutting machine. 1,917,889; July 11.
- Jacques, Raynaldo P., Woonsocket, R. I. Lubricating apparatus. 1,894,274; Jan. 17.
- Jacques, Valentine J., et al. (See Callahan, John F., assignor.)
- Jacquet, Félicien, Paris, France. Trailer vehicle. 1,896,584; Feb. 7.
- Jacuzzi Bros., Incorporated. (See Jacuzzi, Rachel, assignor.)
- Jacuzzi, Rache', assignor to Jacuzzi Bros., Incorporated, Berkeley, Calif. Centrifugal force pump. 1,929,496; Oct. 10.
- Jadmann, Karl E. W., and O. H. Bonter, assignors to The Blystone Manufacturing Company, Cambridge Springs, Pa. Molding machine and operating the same. 1,925,050; Aug. 29.
- Jaek, Wolfgang, and J. Lang, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Preparation suitable as wetting agent. 1,896,899; Feb. 7.
- Jaedicke, Friedrich, Berlin-Schmargendorf, assignor to Julius Pintsch Aktiengesellschaft, Berlin, Germany. Illuminating lamp. 1,936,478; Nov. 21.
- Jaedike, Henry, Brooklyn, N. Y. Holding and dispensing device for collapsible tubes. 1,904,050; Apr. 18.
- Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. Des. 89,640; Apr. 18.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic removal of hydrogen or oxygen containing groups from organic compounds. 1,892,766; Jan. 3.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic oxidation of ammonia. 1,892,767; Jan. 3.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Oxidation of fluorene. 1,892,768; Jan. 3.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Plastic or coating compositions. 1,892,769; Jan. 3.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Plastic or coating composition. 1,892,784; Jan. 3.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic molecular association of organic compounds. 1,896,240; Feb. 7.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic oxidation of ammonia. 1,896,627; Feb. 7.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic apparatus. 1,900,382; Mar. 7.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic side chain oxidation of aromatic compounds. 1,900,648; Mar. 7.
- Jaeger, Alphons O., Crafton, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Carrying out exothermic catalytic vapor phase reactions. 1,900,715; Mar. 7.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Producing hydrogenated amines. 1,907,820; May 9.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Deamination of primary aromatic amines. 1,907,821; May 9.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytically oxidizing aromatic compounds. 1,909,354; May 16.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytical vapor-phase oxidation of organic compounds. 1,909,355; May 16.
- Jaeger, Alphons O., Crafton, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Anticombustion process. 1,910,836; May 23.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic dehydration of organic compounds. 1,914,722; June 20.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Purification of benzoic acid and its derivatives. 1,919,023; July 18.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic reduction of carbonyl compounds. 1,925,389; Sept. 5.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic ammonia synthesis. 1,926,099; Sept. 12.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic removal of hydrogen or oxygen containing groups from organic compounds. 1,930,053; Oct. 10.
- Jaeger, Alphons O., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Catalytic hydrogenation of non-nitrogenous organic compounds. 1,931,846; Oct. 24.
- Jaeger, Alphons O., and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of perylene tetracarboxylic acid imide compounds. 1,913,052; June 6.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Contact sulphuric acid process. 1,900,383; Mar. 7.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Purification of crude dicarboxylic acids. 1,900,649; Mar. 7.
- Jaeger, Alphons O., Mount Lebanon, assignor, by mesne assignments, to Selden Research & Engineering Corporation, Pittsburgh, Pa. Catalytic apparatus. 1,905,719; Apr. 25.
- Jaeger, Alphons O., Mt. Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Motor fuel. 1,908,705; May 16.
- Jaeger, Alphons O., Mt. Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Catalytic dehydration of alcohols. 1,909,356; May 16.
- Jaeger, Alphons O., Mt. Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Effecting splitting reactions by means of electronic discharge. 1,909,357; May 16.
- Jaeger, Alphons O., Mt. Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Catalytic apparatus. 1,909,358; May 16.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Catalytic hydrogenation of nonnitrogenous aliphatic compounds. 1,910,837; May 23.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Process and apparatus for oxidizing combustible material. 1,913,054; June 6.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Motor fuel. 1,914,509; June 20.
- Jaeger, Alphons O., Mount Lebanon, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Purification of amides. 1,914,723; June 20.
- Jaeger, Alphons O., Mount Lebanon, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Catalytic converter. 1,917,716; July 11.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Catalytic oxidation of ammonia. 1,918,038; July 11.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Production of hydrocyanic acid. 1,920,795; Aug. 1.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Purification of organic compounds. 1,920,796; Aug. 1.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Recovery of furfural from filter cakes containing it. 1,923,672; Aug. 22.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Production of esters of monocarboxylic acids and their derivatives. 1,925,590; Sept. 5.
- Jaeger, Alphons O., Mount Lebanon, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Catalytic oxidation of crude anthracene. 1,926,540; Sept. 12.
- Jaeger, Alphons O., Mount Lebanon, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Catalytic apparatus. 1,935,053; Nov. 14.
- Jaeger, Alphons O., Mount Lebanon, assignor to Selden Company, Pittsburgh, Pa. Catalytic oxidation of organic compounds. 1,930,716; Oct. 17.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Catalytic oxidation of organic compounds. 1,935,054; Nov. 14.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Condensation products of carbohydrates with sulphuric acid and aromatic hydrocarbons. 1,938,966; Dec. 12.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Oxidation of side chain aromatic compounds. 1,937,962; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Production of amino aralkyl-aryl acid. 1,936,090; Nov. 21.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Production of aryl ketones. 1,936,091; Nov. 21.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Production of monocarboxylic acids. 1,939,212; Dec. 12.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Tanning process. 1,938,388; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Tanning process. 1,938,389; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Tanning process. 1,938,390; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of crude aromatic compounds. 1,892,770; Jan. 3.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of crude aromatic compounds. 1,892,771; Jan. 3.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of crude aromatic compounds. 1,892,772; Jan. 3.

- Jaeger, Alphons O., Mount Lebanon, and H. J. West, Crafton, assignors, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Manufacture of silver salt. 1,899,507; Feb. 28.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of crude aromatic compounds. 1,905,903; Apr. 25.
- Jaeger, Alphons O., Mount Lebanon, L. C. Daniels and H. J. West, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Manufacture of imides of dicarboxylic acids. 1,919,889; July 25.
- Jaeger, Alphons O., and F. P. Fiedler, Mount Lebanon, assignors to Selden Company, Pittsburgh, Pa. Purification of succinic acid and succinic anhydride. 1,929,381; Oct. 3.
- Jaeger, Alphons O., and J. A. Bertsch, St. Louis, Mo., said Jaeger assignor to The Selden Company, Pittsburgh, Pa. Catalytic apparatus. 1,927,286; Sept. 19.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Manufacture of benzanthrone. 1,931,847; Oct. 24.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Production of aralkylaryl carboxylic acid. 1,937,963; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, and L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Purification of organic acids. 1,930,054; Oct. 10.
- Jaeger, Alphons O., Mount Lebanon, and H. W. Witzel, Ingram, assignors to The Selden Company, Pittsburgh, Pa. Tanning process. 1,938,391; Dec. 5.
- Jaeger, Alphons O., Mount Lebanon, L. C. Daniels, Crafton, assignors to The Selden Company, Pittsburgh, Pa. Manufacture of benzanthrone. 1,930,681; Oct. 17.
- Jaeger, Charles F., Ferndale, Mich. Chassis structure. 1,913,053; June 6.
- Jaeger, Fred, Rutherford, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Apparatus for handling articles. 1,892,670; Jan. 3.
- Jaeger, Friedeman R., Oak Park, Ill. Oar-operating mechanism. 1,909,359; May 16.
- Jaeger, Gebhard, and J. Eggert, deceased, by E. L. Keny, administratrix, assignors to The Jaeger Machine Company, Columbus, Ohio. Concrete mixer. 1,928,380; Sept. 26.
- Jaeger Machine Company, The. (See Bickel, Ackert, assignor.)
- Jaeger Machine Company, The. (See Dieckmann, Thomas W., assignor.)
- Jaeger Machine Company, The. (See Eggert, Joseph, assignor.)
- Jaeger Machine Company, The. (See Jaeger, G., and Eggert, assignors.)
- Jaeger Machine Company, The. (See Mosel, Joseph H., assignor.)
- Jaeger Machine Company, The. (See Mosel, J. H., and Schwemler, assignors.)
- Jaeger Machine Company, The. (See Sangers, John H., assignor.)
- Jaeger Machine Company, The. (See Saxe, Arthur C., assignor.)
- Jaeger, Max, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing highly storageproof bleaching powder. 1,923,210; Aug. 22.
- Jaeger, Max, and H. Esplig, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic precious stone. 1,935,717; Nov. 21.
- Jaenecke, Ernst. (See Klippel, H., and Jaenecke.)
- Jaenecke, Ernst, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of fertilizer salts. 1,909,829; May 16.
- Jaenecke, Ernst, Heidelberg, and F. Mueller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie, Frankfurt-on-the-Main, Germany. Production of fertilizer salts. 1,898,971; Feb. 21.
- Jaenecke, Ernst, Heidelberg, and F. Frowein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of mixed fertilizers. 1,916,617; July 4.
- Jaeschke, Ernst, Berlin, Germany. Rubbing club for use in washing linen. 1,915,532; June 27.
- Jaffe, Harry, assignor to Johnston Tool and Die Co., Chicago, Ill. Radiator construction. 1,920,562; Aug. 1.
- Jaffe, Joseph L., Cleveland, Ohio. Shade-lock lighting fixture. 1,906,603; May 2.
- Jäger, Franz, Suhl, Germany. Repeating firearm with bolt action and case magazine. 1,900,818; Mar. 7.
- Jaggard, Ernest P., Frankstown Township, Blair County, assignor to A. M. Hughes, Logan Township, Pa. Material handling apparatus. 1,932,897; Oct. 31.
- Jagger, Claude A. (See Lyon, C. L., and Jagger.)
- Jagger, Hubert, assignor to Ditton Inc., Chicago, Ill. Platen roll release for hectograph machines. 1,933,174; Oct. 31.
- Jagschitz, Konrad, Mainz, Germany. Waterless gas holder. 1,923,093; Aug. 22.
- Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Constructing telescoping gasometers. 1,916,051; June 27.
- Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Liquid seal for gas holders. 1,924,281; Aug. 29.
- Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Manufacturing shell rings for gasholders. 1,933,142; Oct. 31.
- Jagy, John P., assignor to The Auto Sun Products Company, Cincinnati, Ohio. Dispenser. 1,939,900; Dec. 19.
- Jahn, Albert, Berlin-Lichterfelde, Germany. Fountain pen. 1,904,660; Apr. 18.
- Jahn, August, assignor to E. Esslen, Hamburg, Germany. Meat chopper. 1,906,609; May 2.
- Jahn, Francis M., and C. C. Atkinson, Philadelphia, Pa. Ophthalmic mounting. 1,892,671; Jan. 3.
- Jahn, Reinhard. (See Prönncke, Walter, assignor.)
- Jahncke, Evelyn, New Orleans, La. Ladies' hand-bag. Des. 89,545; Mar. 28.
- Jahncke, Evelyn, New Orleans, La. Combination cigarette receptacle and match holder. Des. 91,031; Nov. 14.
- Jähne, Ernst H., Dresden, assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Company, Dresden, Germany. Apparatus for transferring boxes from a pile. 1,920,563; Aug. 1.
- Jähne, Ernst H., assignor to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Company, Dresden, Germany. Wrapping machine. 1,931,440; Oct. 17.
- Jahnke, Charles B., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Exhaust silencing means. 1,926,723; Sept. 12.
- Jahr, M. Rudolf, Firm. (See Keller, Peter, assignor.)
- Jaicks, Wilson A., Chicago, Ill. Apparatus for mixing concrete. 1,919,220; July 25.
- Jaicks, Wilson A., Chicago, Ill. Apparatus for mixing concrete. 1,919,724; July 25.
- Jaicks, Wilson A., Chicago, Ill. Apparatus for mixing concrete. 1,922,368; Aug. 15.
- Jaisle, Gottlob, Feuerbach, near Stuttgart, Germany, assignor to Uhrenfabrik J. Kienzie, Komotau, Czechoslovakia. Escapement and pendulum mechanism. 1,902,366; Mar. 21.
- Jaite, Charles H., Lakewood, and F. Beeser, Jaite, Ohio. Flourdriner machine. 1,909,106; May 16.
- Jaite Company, The. (See Orr, Howard H., assignor.)
- Jaite, Roy W., Lakewood, Ohio. Paper bag. 1,917,975; July 11.
- Jaite, Roy W., Lakewood, Ohio. Paper bag. 1,920,700; Aug. 1.
- Jakeway, Gerald V. (See Roossien, E. J., and Jakeway.)
- Jakob, Anton, Gary, Ind. Railway tie extracting device. 1,916,884; July 4.
- Jakobsen, Svend O., Høievarde, near Haugesund, Norway. Spring for cars. 1,917,373; July 11.
- Jakosky, John J., Los Angeles, Calif. Method and apparatus for determining underground structure. 1,906,271; May 2.
- Jakosky, John J., and V. F. Hanson, Los Angeles, assignors to Electroblacks Incorporated, Culver City, Calif. Producing carbon black. 1,912,373; June 6.
- Jakosky, John J., Los Angeles, assignor to Electroblacks Incorporated, Culver City, Calif. Apparatus for electrothermal dissociation of organic liquids. 1,941,009; Dec. 26.
- Jakosky, John J., Los Angeles, and H. J. Wieden, jr., Palms, assignors to Electroblacks, Inc., Culver City, Calif. Apparatus for effecting dissociation or other reaction of organic liquids. 1,931,800; Oct. 24.
- Jakoubek, Frank J., Elmwood Park, and E. Pachowicz, assignors to Templeton, Kenly & Co., Limited, Chicago, Ill. Rail puller and expander. 1,895,664; Jan. 31.
- Jakoubek, Kajetan, C., Phillips, Wis. Animal trap. 1,893,236; Jan. 3.
- Jakubec, Paul J., Charleroi, Pa. Self sealing tube. 1,896,729; Feb. 7.
- Jalandoni, Hector M., Pototan, P. I. Fertilizer tool. 1,911,692; May 30.
- Jalbert, Georges, assignor to Anciens Etablissements R. Cornely & Cie., Société Anonyme, Paris, France. Machine for drawing threads from fabrics. 1,895,995; Jan. 31.
- Jallinek, Karl. (See Zitscher, A., Seidenfaden and Jellinek.)
- Jamar, Mitchell F., jr., assignor to James Heddon's Sons, Dowagiac, Mich. Artificial minnow. 1,892,892; Jan. 3.
- Jamar, Mitchell F., jr., assignor to James Heddon's Sons, Dowagiac, Mich. Wound spool. 1,909,277; May 16.
- James, Anna M., Protom, Mo. Quilting frame. 1,895,715; Jan. 31.
- James, Bruce H., San Diego, Calif. Tile locking field strip. 1,935,636; Nov. 21.
- James, Edmund D., assignor to Scovill Manufacturing Company, Waterbury, Conn. Snap fastener socket. 1,902,557; Mar. 21.
- James, Edward M., Moylan, assignor to The Sharples Specialty Company, Philadelphia, Pa. Dispersion of substances in liquids and clarification. 1,913,884; June 13.
- James, Enoch R. (See James, Lee G., H. E., and E. R.)
- James, Frederick W. (See Nelson, N. P., and James.)
- James, George S., Battle Creek, Mich., assignor, by mesne assignments, to James Neon Double Electrode Corporation, Chicago, Ill. Gas tube, electrode, etc. 1,901,600; Mar. 14.
- James, George W. (See Clapp, L. R., and James.)
- James, Harry E. (See James, Lee G., H. E., and E. R.)
- James, Henry D. (See Arnold, E. E., and James.)

- James, Henry D. (See Cook, W. G., and James.)
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Multiple elevator systems. 1,896,776; Feb. 7.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator safety system. 1,896,777; Feb. 7.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuitous elevator. 1,899,692; Feb. 28.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Signaling system for elevators. 1,905,228; Apr. 25.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuitous elevator. 1,907,971; May 9.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator safety braking system. 1,924,320; Aug. 29.
- James, Henry D., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Braking system. 1,924,321; Aug. 29.
- James, Henry D., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Speed control for elevators. 1,932,073; Oct. 24.
- James, Henry D., Edgewood, Pa., and G. D. Fish, Pelham, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Circuitous elevator. 1,905,229; Apr. 25.
- James, Henry D., Edgewood, and G. Currie, Forest Hills, Pa., assignors to Westinghouse Electric and Manufacturing Company. Circuitous elevator. 1,905,230; Apr. 25.
- James, Henry D., Edgewood, and D. G. Boozer, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Multicage elevator. 1,914,128; June 13.
- James, Henry D., Edgewood, and H. E. White, Wilkensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Fire protection for automobile storage buildings. 1,934,503; Nov. 7.
- James, Henry D., Edgewood, and H. E. White, Wilkensburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Circuitous elevator. 1,940,867; Dec. 26.
- James, Herman J. (See Baker, R. C., and James.)
- James, Horace, et al., executors. (See Kemnal, James.)
- James', Inc. (See James, Lee G., H. E., and E. R., assignors.)
- James, Joseph H., Pittsburgh, assignor to Clarence P. Byrnes, trustee, Sewickley, Pa. Soap product and making same. 1,894,096; Jan. 10.
- James, Joseph H., Pittsburgh, assignor to Clarence P. Byrnes, trustee, Sewickley, Pa. Making solvents. 1,894,097; Jan. 10.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Treating complex liquid partial oxidation products and articles produced thereby. 1,894,352; Jan. 17.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Treating partial oxidation products. 1,895,799; Jan. 31.
- James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, trustee, Sewickley, Pa. Improving solvents prepared from partially oxidized hydrocarbons. 1,907,822; May 9.
- James, Joseph H., Pittsburgh, assignor to Clarence P. Byrnes, trustee, Sewickley, Pa. Method of treating mixtures of partially oxidized hydrocarbons. 1,912,484; June 6.
- James, Joseph H., Pittsburgh, assignor to Clarence P. Byrnes, trustee, Sewickley, Pa. Multiple-step partial oxidation method. 1,941,010; Dec. 26.
- James, Lee G., H. E., and E. R., Atlantic City, N. J. Machine for producing candy confection. 1,893,672; Jan. 10.
- James, Lee G., H. E., and E. R., Atlantic City, assignors to James', Inc., Atlantic City, N. J. Machine for manufacturing confections. 1,893,673; Jan. 10.
- James, Lloyd K., Houston, Tex. Spark plug. 1,927,267; Sept. 19.
- James Manufacturing Company. (See Kreutzer, Frederic J., assignor.)
- James Manufacturing Company. (See Markey, George T., assignor.)
- James Manufacturing Company. (See Olson, John B., assignor.)
- James Manufacturing Company. (See Shodron, J. G., and Wandschneider, assignors.)
- James Neon Double Electrode Corporation. (See James, George S., assignor.)
- James, Nephanus E., et al. (See Clayton, William F., assignor.)
- James, Oliver M., assignor to Dayton Veneer & Lumber Mills, Dayton, Tenn. Basket. 1,894,236; Jan. 10.
- James, Robert F., assignor to The Detroit Edison Company, Detroit, Mich. Extracting alumina. 1,926,744; Sept. 12.
- James, Robert G. (See Murphy, E. A., James, and Twiss.)
- James, Robert G. (See Twiss, D. F., and James.)
- James, Robert G., Birmingham, and D. F. Twiss, Wylde Green, England, assignors to American Anode, Inc., Akron, Ohio. Manufacturing articles of rubber from aqueous dispersions. 1,910,547; May 23.
- James, Robert G., Selly Oak, Birmingham, and D. F. Twiss, Wylde Green, England, assignors to Dunlop Rubber Company Limited. Manufacture of colored articles from dispersions of rubber or the like. 1,912,641; June 6.
- James, Stephen F., Chicago, Ill. Combination transformer and vibrator. 1,940,496; Dec. 19.
- James, Theophilus L., assignor to Dayton Veneer & Lumber Mills, Dayton, Tenn. Basket. 1,933,525; Oct. 31.
- James, Thomas, jr., Philadelphia, Pa. Automatic air brake system. 1,932,410; Oct. 31.
- James, William E., et al. (See Clayton, William F., assignor.)
- James, William S., assignor to The Studebaker Corporation, South Bend, Ind. Spring cover. 1,925,253; Sept. 5.
- Jameson, Charles V., Chicago, Ill. Scalp treating device. 1,903,646; Apr. 11.
- Jameson, Ronald P., assignor to The Vigilant Automatic Fire Alarm Company Limited, Christchurch, New Zealand. Electrical fire alarm. 1,916,481; July 4.
- Jamestown Metal Desk Company. (See Bloomdahl, A. G., and Shaw, assignors.)
- Jamieson, Charles C., Jacksonville, Fla. Pulverizer. 1,902,857; Mar. 28.
- Jamison, Charles A., Philadelphia, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Crushing machinery. 1,908,021; May 9.
- Jamison, Frank E., Kansas City, Kans. Selective headline mechanism for printing presses. 1,935,799; Nov. 21.
- Jamison, Robert K., Kansas City, Mo. Signal plaque. Des. 89,767; May 2.
- Jancke, Benno F., deceased, Brooklyn, N. Y., C. A. Jancke, executrix, assignor to Thermique, Incorporated, St. Louis, Mo. Hair waving device. 1,924,040; Aug. 22.
- Jancke, Christine A., executrix. (See Jancke, Benno F.)
- Janda, Rudolf W., Beswyn, assignor to Conlon Corporation, Cicero, Ill. Ironing machine and attachments therefor. 1,926,100; Sept. 12.
- Jander, Hans, Berlin, Germany. Clutch operating means. 1,907,972; May 9.
- Jandus, Herbert S., assignor to General Spring Bumper Company, Detroit, Mich. Impact bar for automobile bumpers. Des. 89,704; Apr. 25.
- Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Impact bar for automobile bumpers. Des. 89,768; May 2.
- Jandus, Herbert S., assignor to Lyon Cover Company, Detroit, Mich. Side plate for metal tire covers and making the same. 1,931,496; Oct. 31.
- Jandus, Herbert S., and H. L. Brooke, assignors to General Spring Bumper Corporation, Detroit, Mich. Bumper with cushioned ends. 1,901,601; Mar. 14.
- Janer, Andre, Flushing, assignor to The A. J. & K. Company, Incorporated, New York, N. Y. Anchoring means. 1,900,560; Mar. 7.
- Janes, Harry S., Shanghai, China. Multiple grip handle. 1,919,221; July 25.
- Janette, John T., Kenilworth, Ill. Electric motor. 1,932,736; Oct. 31.
- Janis, Soovia, New York, N. Y., assignor to S. J. Carnes, Camden, Ark. Fish bowl. Des. 90,032; May 30.
- Janisch, Leopold, Berlin, Germany, assignor to General Electric Company, Controller. 1,894,098; Jan. 10.
- Janiszewski, Kasimir, assignor to Superior Tool and Die Company, Milwaukee, Wis. Die set. 1,914,569; June 20.
- Janiszewski, Kasimir, assignor to Superior Tool and Die Company, Milwaukee, Wis. Work holding device. 1,938,337; Dec. 5.
- Janitzky, Emanuel J., Chicago, Ill. Treating austenitic steel. 1,929,356; Oct. 3.
- Jankovic, Caroline, administratrix. (See Jankovic, Joseph.)
- Jankovic, Joseph, deceased, Orangeburg, N. Y.; C. Jankovic, administratrix. Mirror supporting device. 1,932,697; Oct. 31.
- Jannin, Marcel, Meudon, France. Internal combustion engine. 1,895,851; Jan. 31.
- Jannopoulos, Achilles E., Webster Groves, Md. Fastener. 1,903,000; Mar. 28.
- Janosik, Joseph C. (See Adler, M., and Janosik.)
- Janosko, George J., Anaconda, Mont. Vegetable peeler. 1,940,131; Dec. 19.
- Janota, Joseph, jr., Chicago Heights, Ill., assignor to Victor Chemical Works, Deenameling. 1,923,828; Aug. 22.
- Jansa, Oscar V. B., and E. G. Planck, Stockholm, Sweden. Production of cellulose pulp. 1,933,017; Oct. 31.
- Jansen, Bernhard, Regensburg, Germany. Step switcher for regulating transformers. 1,931,869; Oct. 24.
- Jansen, Emile, assignor to General Paint Corporation, San Francisco, Calif. Protecting coating of structural steel. 1,895,190; Jan. 24.
- Jansen, Emile, assignor to General Paint Corporation, San Francisco, Calif. Pipe coating machine. 1,926,387; Sept. 12.
- Jansen, Marinus J. R. Vermeulen, and N. A. J. Voorhoeve, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Installation for the regulation of the angular velocity of a shaft. 1,894,562; Jan. 17.
- Jansen, Otto, Dulken, Germany. Holder for tubes. 1,923,929; Aug. 22.
- Janson, Carl G. (See Wallgren, A. G. F., and Janson.)
- Janson, Carl G., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Radial bearing. 1,907,823; May 9.

- Janson, Carl G., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,915,275; June 27.
- Janson, George W., Nutley, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Time service synchronizing system. 1,937,894; Dec. 5.
- Janson, George W., Nutley, N. J., and W. F. Callahan, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. System for testing clock setting circuits. 1,933,526; Oct. 31.
- Janson, Joseph A., Providence, R. I. Waste eliminator for ice cream cabinets. 1,903,910; Apr. 18.
- Janssen, Henry, assignor of one-half to G. F. Kuhn, Philadelphia, Pa. Meat packing device. 1,916,220; July 4.
- Janssen, Henry, assignor of one-half to G. Kuhn, Philadelphia, Pa. Airtight meat cooking container and processor. 1,916,221; July 4.
- Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Smoker's receptacle. 1,937,084; Nov. 28.
- Janssen, Hermann, and E. Wisniewski, New York, N. Y. Machine for controlling light intensities of motion picture printers. 1,899,756; Feb. 28.
- Janssen, Oscar, St. Louis, Mo. Transmission. 1,933,143; Oct. 31.
- Janssen, Oscar, St. Louis, Mo. Transmission. 1,936,165; Nov. 21.
- Jansson, Axel J., Flint, assignor to General Motors Corporation, Detroit, Mich. Pivot joint. 1,897,806; Feb. 14.
- Jansson, Gustav, Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Insulator. 1,899,757; Feb. 28.
- Jansson, Gustav E., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electrical apparatus and insulating bushing therefor. 1,894,993; Jan. 24.
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Vacuum-type insulating bushing. 1,897,257; Feb. 14.
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Suspension potential transformer. 1,899,693; Feb. 28.
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Oil filled insulating bushing having renewable insulating elements. 1,913,596; June 13.
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric distribution system. 1,919,466; July 25.
- Jansson, Gustav E., Atlantic, assignor to Condit Electrical Manufacturing Company, Hyde Park, Mass. Electric switch having magnetic arc extinguishing means. 1,933,175; Oct. 31.
- Jantz, Gustave H., Wyoming, Ohio. Wringer. 1,932,288; Oct. 24.
- Jantzen Knitting Mills. (See Bergh, Philip, assignor.)
- Januszewski, Julius, Middle Village, Long Island, N. Y. Swing. 1,893,084; Jan. 3.
- Janzen, Linda R. (See Gaede, J. E., assignor and Sargent.)
- Jaques, Fernando O., Providence, R. I. Forming tooth crowns. 1,893,520; Jan. 10.
- Jaquet, Louis. (See Babel, R. A., and Jaquet.)
- Jaquery, William, Waterbury, Conn., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Machine for producing strip moldings. 1,905,640; Apr. 25.
- Jaquith, Lucie F., West Lynn, Mass., assignor to Teletype Corporation, Chicago, Ill. Telegraph printer. 1,917,304; July 11.
- Jaquith, William K. (See Burrows, Robert W., assignor.)
- Jardine, Frank, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 1,936,601; Nov. 28.
- Jardine, Frank, assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 1,939,778; Dec. 19.
- Jardine, George W., Waltham, Mass. Collapsible tube. 1,914,020; June 13.
- Jardine, James V., Hespeler, Ontario, Canada. Pipe threading apparatus. 1,936,112; Nov. 21.
- Jargstorf, George W., Glen Rock, N. J. Carburetor. 1,908,609; May 9.
- Jarmin, James B., assignor to Servis Equipment Company, Dallas, Tex. Road machine. 1,916,222; July 4.
- Jaros, Edward T. (See Jaros, Frank J. and E. T.)
- Jaros, Frank J. and E. T., Chicago, Ill. Signaling device for automobiles. 1,893,369; Jan. 3.
- Jaros, Frank J., and E. T., Chicago, Ill. Signaling switch. 1,893,370; Jan. 3.
- Jarowslaw's Erste Glimmerwaren-Fabrik in Berlin. (See Hepner, E., and Meurer, assignors.)
- Jarratt, Walter J. (See Grange, Leo O., assignor.)
- Jarrett, Charles D., Chicago, Ill. Palette. 1,920,467; Aug. 1.
- Jarrett, James C., Colorado Springs, Colo. Front drive axle. 1,937,821; Dec. 5.
- Jarrier, René, St. Quentin, France. Sack with automatic closing means. 1,938,593; Dec. 12.
- Jarvis, Arnold B., Clarksburg, W. Va. Plurality part side drop truck platform. 1,929,818; Oct. 10.
- Jarvis, Charles H., assignor to United Steel & Wire Company, Battle Creek, Mich. Atomizer or sprayer. 1,920,865; Aug. 1.
- Jarvis, Charles H., assignor to United Steel and Wire Company, Battle Creek, Mich. Tray or crate. 1,936,164; Nov. 21.
- Jarvis, Frank J., assignor to Jarvis & Jarvis, Inc., Palmer, Mass. Bearing. 1,923,211; Aug. 22.
- Jarvis, Frank J. and N. L., Palmer, and C. N. Fretts, West Springfield, assignors to Jarvis & Jarvis, Inc., Palmer, Mass. Caster and the like. 1,929,743; Oct. 10.
- Jarvis, Frank J., Palmer, and C. N. Fretts, West Springfield, assignors to Jarvis & Jarvis, Inc., Palmer, Mass. Wheel, roller and the like. 1,932,289; Oct. 24.
- Jarvis, Frank W. (See Jarvis, Walter D., assignor.)
- Jarvis, Harold R., Rives Junction, Mich. Broken axle shaft remover. 1,895,928; Jan. 31.
- Jarvis & Jarvis, Inc. (See Jarvis, Frank J., assignor.)
- Jarvis & Jarvis, Inc. (See Jarvis, F. J., and Fretts, assignors.)
- Jarvis & Jarvis, Inc. (See Jarvis, Frank J. and N. L., and Fretts, assignors.)
- Jarvis & Jarvis, Inc. (See Patterson, Oliver W., assignor.)
- Jarvis, Kenneth W., Cincinnati, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Amplifying system. 1,899,758; Feb. 28.
- Jarvis, Kenneth W., Cincinnati, and R. M. Blair, Norwood, Ohio. Electron tube. 1,903,569; Apr. 11.
- Jarvis, Lewis A., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Cap for radiator necks and the like. 1,898,055; Feb. 21.
- Jarvis, Lewis A., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators and the like. 1,907,546; May 9.
- Jarvis, Nelson L. (See Jarvis, Frank J. and N. L., and Fretts.)
- Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)
- Jarvis, W. B., Company. (See Henst, Abraham V., assignor.)
- Jarvis, W. B., Company. (See Jarvis, Lewis A., assignor.)
- Jarvis, W. B., Company. (See Ruppel, Frederick C., assignor.)
- Jarvis, Walter D., assignor of one-half to F. W. Jarvis, Pittsburgh, Pa. Roof and floor structure. 1,900,346; Mar. 7.
- Jasper, Christian H., assignor to Naamlooze Venootschap Electriciteits-Maatschappij "Electrostrom", Rotterdam, Netherlands. Device for joining insulating wire terminals of electrical conductors. 1,933,555; Nov. 7.
- Jasper, Emmet W., Daytona Beach, Fla. Tow line and making same. 1,924,992; Aug. 29.
- Jasper, Thomas McL., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded manway for pressure vessels. 1,924,121; Aug. 29.
- Jaspersen, Ralph L. (See Conner, A. P., and Jaspersen.)
- Jasperson, Robert E., Milwaukee, Wis. Apparatus for the practice of celestial navigation. 1,906,752; May 2.
- Jaspert, George H., and J. M. Guthrie, assignors of one-third to W. B. Jaspert, Pittsburgh, Pa. Lighter. 1,917,766; July 11.
- Jaspert, William B. (See Jaspert, G. H., and Guthrie, assignors.)
- Jass, Carl, Horicon, Wis. Pulverizing roller. 1,905,384; Apr. 25.
- Jass, Carl, Horicon, Wis. Control means for earth pulverizing machine. 1,905,385; Apr. 25.
- Jass, Carl, Horicon, Wis. Earth pulverizing machine. 1,905,386; Apr. 25.
- Jaumann, Andreas, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Modulation circuit arrangement. 1,933,627; Nov. 7.
- Javery, Armon J. (See Javery, Frank B. and A. J.)
- Javery, Frank B., Worcester, assignor to Warp Compressing Machine Company, Worcester, Mass. Holder for yarn packages. 1,904,737; Apr. 18.
- Javery, Frank B., Worcester, and A. J. Avery, Oxford, assignors to Warp Compressing Machine Company, Worcester, Mass. Thread-tensioning device. 1,929,744; Oct. 10.
- Javery, Frank B., Worcester, and A. J. Javery, Oxford, assignors to Warp Compressing Machine Company, Worcester, Mass. Thread tensioning device. 1,936,452; Nov. 21.
- Jaworowski, Joseph F., assignor of one-third to S. E. Dettelbach and one-third to S. W. Emerson, Cleveland, Ohio. Pumping apparatus. 1,902,076; Mar. 21.
- Jaworowski, Joseph F., assignor of five-eightieths to S. E. Dettelbach, five-eightieths to S. Emerson, and two-eightieths to E. Hahn, Cleveland, Ohio. Pumping apparatus. 1,902,077; Mar. 21.
- Jaworowski, Joseph F., assignor of five-eightieths to S. E. Dettelbach, five-eightieths to S. Emerson, and two-eightieths to E. Hahn, Cleveland, Ohio. Rotary pump. 1,912,845; June 6.
- Jaworowski, Joseph F., assignor of five-eightieths to S. E. Dettelbach, five-eightieths to S. Emerson, and two-eightieths to E. Hahn, Cleveland, Ohio. Rotary pump. 1,917,524; July 11.
- Jay-Dee Manufacturing Co. (See Campbell, John D., assignor.)
- Jay, Webb, Port Washington, N. Y. Container and supporting unit. 1,893,624; Jan. 10.
- Jay, Webb, Miami Beach, Fla. Closure cap. 1,898,373; Feb. 21.
- Jay, Webb, Miami Beach, Fla. Container and holder unit. 1,920,393; Aug. 1.

- Jay, William C., assignor to Sanitary Products Corporation of America, Philadelphia, Pa. Safety device for die presses. 1,905,099; Apr. 25.
- Jayne, David W., jr. (See Christmann, L. J., and Jayne.)
- Jaynes, Walter, Bakersfield, Calif. Automobile frame straightening device. 1,910,769; May 23.
- Jean, Marcel C., and P. Matile, Montereau, France, assignors to Societe l'Air Liquide, Societe Anonyme pour l'Etude A l'Exploitation, des Procédes Georges Claude. Treatment of gaseous mixtures containing hydrogen. 1,919,842; July 25.
- Jean, Marcel C., and P. Matile, assignors to Société l'Air Liquide Société Anonyme pour l'Etude & l'Exploitation des Procédes Georges Claude, Paris, France. Liquefaction and separation of gaseous mixtures at low temperatures. 1,935,505; Nov. 14.
- Jennneret, Georges, St. Imier, Switzerland. Watch-shaped golf-scorer. 1,920,394; Aug. 1.
- Jeavons, Charles F. R., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,904,313; Apr. 18.
- Jeavons, William R. (See Rentschler, Mablon J., assignor.)
- Jeavons, William R., Cleveland Heights, and M. J. Rentschler, Willoughby, Ohio. Treating metals. 1,893,499; Jan. 10.
- Jeavons, William R., Cleveland Heights, and M. J. Rentschler, Willoughby, Ohio. Conditioning incoherent finely divided materials. 1,899,152; Feb. 28.
- Jeavons, William R., Cleveland Heights, and M. J. Rentschler, Willoughby, Ohio. Composition for and treating molten metals. 1,899,153; Feb. 28.
- Jeddo-Highland Coal Company. (See Becker, Frank N., assignor.)
- Jeffe, Max. (See Bowers, Leverett T., assignor.)
- Jefferies, Frederick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Impregnating materials with a liquid. 1,928,894; Oct. 3.
- Jefferis, Edward C., Philadelphia, Pa. Loud speaker. 1,936,396; Nov. 21.
- Jeffers, Clarence E., York, Pa., assignor, by mesne assignments, to Houdaille-Hershey Corporation. Automobile fan. 1,907,973; May 9.
- Jefferson Electric Company. (See Armstrong, Fred S., assignor.)
- Jefferson Electric Company. (See Bohlman, Ernest A., assignor.)
- Jefferson Electric Company. (See Cook, H. R., and Bohlman, assignors.)
- Jefferson Electric Company. (See Daley, James C., assignor.)
- Jefferson, Eugene D., Waban, assignor to Rodney Hunt Machine Company, Orange, Mass. Kier. 1,904,921; Apr. 18.
- Jefferson, Eugene D., Waban, assignor to Rodney Hunt Machine Company, Orange, Mass. Automatic control valve for kiers. 1,908,426; May 9.
- Jefferson, Harold F. (See Given, R. D., and Jefferson.)
- Jefferson Island Salt Co. (See Bayless, John L., assignor.)
- Jeffrey Manufacturing Company, The. (See Muller, Ernst F., assignor.)
- Jeffrey, Douglas C., and H. J. Wolfe, Akron, N. Y., assignors to Universal Gypsum & Lime Co., Chicago, Ill. Driving and controlling means for conveyors for board machines. 1,906,861; May 2.
- Jeffrey, Douglas C., and H. J. Wolfe, Akron, N. Y., assignors to Universal Gypsum & Lime Co., Chicago, Ill. Transfer means for board machines. 1,929,204; Oct. 3.
- Jeffrey Manufacturing Company, The. (See Armstrong, Walter J., assignor.)
- Jeffrey Manufacturing Company, The. (See Bakstad, Johan R., assignor.)
- Jeffrey Manufacturing Company, The. (See Bauroth, Walter J., assignor.)
- Jeffrey Manufacturing Company, The. (See Beltz, John S., assignor.)
- Jeffrey Manufacturing Company, The. (See Brown, Walter W., assignor.)
- Jeffrey Manufacturing Company, The. (See Fowler, John T., assignor.)
- Jeffrey Manufacturing Company, The. (See Francis, E. V., and Lemmon, assignors.)
- Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
- Jeffrey Manufacturing Company, The. (See Lemmon, Alexis W., assignor.)
- Jeffrey Manufacturing Company. (See Levin, Nils D., assignor.)
- Jeffrey Manufacturing Company, The. (See Levin, N. D., and Beltz, assignors.)
- Jeffrey Manufacturing Company, The. (See Linder, Paul C., assignor.)
- Jeffrey Manufacturing Company, The. (See Manken, Otto H., assignor.)
- Jeffrey Manufacturing Company, The. (See Mercier, Stanley M., assignor.)
- Jeffrey Manufacturing Company, The. (See Muller, Ernst F., assignor.)
- Jeffrey Manufacturing Company, The. (See Slater, Elmer C., assignor.)
- Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Fuse receptacle for coal drills. 1,898,129; Feb. 21.
- Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Self-propelling apparatus. 1,898,130; Feb. 21.
- Jeffrey, Robert K., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Drill. 1,909,830; May 16.
- Jeffries, Lois C. (See Oksenholt, Jens N., assignor.)
- Jeffries, Schuyler A., assignor to Reo Motor Car Company, Lansing, Mich. Gear shifting mechanism. 1,899,332; Feb. 28.
- Jeffries, Schuyler A., assignor to Reo Motor Car Company, Lansing, Mich. Gear shifting mechanism. 1,899,333; Feb. 28.
- Jeffs, Jacob E., and D. Powell, Los Angeles, Calif., assignors to said Jeffs. Furring nail. 1,928,335; Sept. 26.
- Jeffs, James A., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Tube frame. 1,911,365; May 30.
- Jehle, Ferdinand. (See Church, H. D., and Jehle.)
- Jelen, Matt J., assignor to Stewart-Warner Corporation, Chicago, Ill. Extending frequency range of radio apparatus. 1,895,247; Jan. 24.
- Jelinek, Stephan, Vienna, Austria. Making cinematographic exposures. 1,933,854; Nov. 7.
- Jelke, John F., Company. (See Chinell, H., Johnson, Olsen, and Farrell, assignors.)
- Jelke, John F., Company. (See Farrell, Daniel A., assignor.)
- Jelley, Edwin E., Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film. 1,939,213; Dec. 12.
- Jelliffe, Howard W., Cleveland, Ohio. Wear strip for pieces of furniture. 1,936,113; Nov. 21.
- Jellinek, Ernst, Vienna, Austria. Producing yeast without alcohol. 1,920,395; Aug. 1.
- Jellinek, Karl. (See Hankel, M., and Jellinek.)
- Jellinek, Karl. (See Zitscher, A., Seidentaden and Jellinek.)
- Jellow, Helen H., administratrix. (See Jellow, Timothy.)
- Jellow, Timothy, deceased, Quincy; H. H. Jellow, administratrix, Cambridge, Mass. Method of and apparatus for sand-blasting intaglio designs in stone and the like. 1,918,269; July 18.
- Jenaer (Glaswerk) Schott & Gen. (See Grote, W., and Kreckler, assignors.)
- Jencick, Stephen, Chagrin Falls, Ohio. Automotive transmission mechanism. 1,907,115; May 2.
- Jencick, Stephen, Chagrin Falls, Ohio. Hydraulic shock absorber. 1,907,824; May 9.
- Jenckes, George W., Providence, R. I., assignor to D. M. Watkins Company. Flexible chain. 1,925,190; Sept. 5.
- Jendrassik, George, Budapest, Hungary. Internal-combustion engine. 1,939,350; Dec. 12.
- Jenemann, Joseph A., Philadelphia, Pa., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Lactic acid. 1,906,068; Apr. 25.
- Jenkins & Adair, Inc. (See Jenkins, J. E., and Adair, assignors.)
- Jenkins, Addison, assignor to D. C. Jenkins Glass Company, Kokomo, Ind. Forming interiorly figured vitreous bowls. 1,937,346; Nov. 28.
- Jenkins, Alexander F., Baltimore, Md. Paint spraying apparatus. 1,908,848; May 16.
- Jenkins, Arthur E., Timmins, Ontario, Canada. Electro-gravity lock. 1,920,080; July 25.
- Jenkins Bros. (See Gora, Henry, assignor.)
- Jenkins Bros. (See White, James K., assignor.)
- Jenkins, C. Francis, Inc. (See Jenkins, Charles F., assignor.)
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Resistor cell circuit. Re18,756; Mar. 7.
- Jenkins, Charles F., Washington, D. C., assignor to Jenkins Laboratories, Inc., Silver Spring, Md. Synchronizing system. Re18,783; Mar. 28.
- Jenkins, Charles F., assignor to C. Francis Jenkins, Inc., Washington, D. C. Airplane radio equipment. 1,893,287; Jan. 3.
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Gaseous light-valve. 1,894,042; Jan. 10.
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Electric transmission of visual representation. 1,897,481; Feb. 14.
- Jenkins, Charles F., assignor to C. Francis Jenkins, Inc., Washington, D. C. Radiomovie lantern slide. 1,899,334; Feb. 28.
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Friction drive. 1,907,116; May 2.
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Multiplex radio communication. 1,914,570; June 20.
- Jenkins, Charles F., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Armature winding. 1,916,374; July 4.
- Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Incandescent anode lamp. 1,931,658; Oct. 24.
- Jenkins, Charles F., assignor to C. Francis Jenkins, Inc., Washington, D. C. Mapping camera. 1,939,172; Dec. 12.
- Jenkins, David A., assignor to D. C. Jenkins Glass Company, Kokomo, Ind. Bowl. Des. 89,307; Feb. 21.
- Jenkins, D. C., Glass Company. (See Arduser, Joseph O., assignor.)

- Jenkins, D. C., Glass Company. (See Jenkins, Addison, assignor.)
- Jenkins, D. C., Glass Company. (See Jenkins, David A., assignor.)
- Jenkins, Floyd A., and L. W. Philbrick, Ranger, Tex. Load binder. 1,911,194; May 30.
- Jenkins, George M., Hemingford, Nebr. Potato sorter. 1,920,701; Aug. 1.
- Jenkins, George O., Company. (See Lyon, Harry, assignor.)
- Jenkins, Homer T., assignor to C. W. Bolgiano, Washington, D. C. Adjustable hand rake. 1,916,052; June 27.
- Jenkins Interlock Manufacturing Company. (See Fogarty, John J., assignor.)
- Jenkins, James W., Chicago, assignor to The Buda Company, Harvey, Ill. Railroad crossing gate apparatus. 1,934,429; Nov. 7.
- Jenkins, Jesse M., Summit, N. J. Tobacco pipe. 1,905,293; Apr. 25.
- Jenkins, Joe C., Winter Haven, Fla. Reducing frozen liquid. 1,940,353; Dec. 19.
- Jenkins, John E., and S. E. Adair, assignors to Jenkins & Adair, Inc., Chicago, Ill. Sound control method and practicing same. 1,909,765; May 16.
- Jenkins Laboratories. (See Jenkins, Charles F., assignor.)
- Jenkins, Paul W., assignor to Macbeth-Evans Glass Company, Charleroi, Pa. Coffee maker. 1,934,070; Nov. 7.
- Jenkins Petroleum Process Company. (See Moore, Harold, assignor.)
- Jenkins Petroleum Process Company. (See Ranstead, Norman H., assignor.)
- Jenkins Petroleum Process Company. (See Schwartz, Stephen, assignor.)
- Jenkins Petroleum Process Company. (See Smith, Arthur D., assignor.)
- Jenkins Petroleum Process Company. (See Smith, A. D., and Ranstead, assignors.)
- Jenkins Petroleum Process Company. (See Swartz, Stephen, assignor.)
- Jenkins, Ralph M., Orleans, Ind. Shotgun. 1,902,702; Mar. 21.
- Jenkins, Roy A., Fall River, assignor to Draper Corporation, Hopedale, Mass. Automatically threading loom shuttle. 1,928,787; Oct. 3.
- Jenkins, Russell L. (See Durgin, C. B., and Jenkins.)
- Jenkins, Russell L., Anniston, Ala., assignor to Swann Research, Incorporated. Cellulose acetate composition. 1,941,262; Dec. 26.
- Jenkins Television Corporation. (See Huffman, Charles E., assignor.)
- Jenkins Television Corporation. (See Keogan, Charles J., assignor.)
- Jenkins Television Corporation. (See Replogle, Delbert E., assignor.)
- Jenkins Television Corporation. (See Wallace, Richard E., assignor.)
- Jenkins, Thomas A., Roselle Borough, N. J. Circulating display advertising apparatus. 1,922,541; Aug. 15.
- Jenkins, Ulysses S., Chicago, Ill. Fluid propelling device. 1,913,635; June 13.
- Jenkins, Wardie J., assignor of one-fourth to W. L. Eversole, and three-eighths to T. P. Cardwell, Jackson, Ky. Wall papering machine. 1,927,549; Sept. 19.
- Jenkins, Wayne, Los Angeles, Calif. Gas stove combined manifold cover and controls. Des. 88,914; Jan. 3.
- Jenkins, W. B. (See Pinto, Julian F., assignor.)
- Jenkins, William C., Dongan Hills, assignor of one-half to Fritz Ziegler, Jr., New York, N. Y. Stabilizing mechanism for aeroplanes. 1,909,682; May 16.
- Jenkinson, George B., Prescott, Ontario, Canada. Mounting for wall fixtures and the like. 1,929,171; Oct. 3.
- Jenkinson, Louis, Auckland, New Zealand. Towel rail. 1,905,938; Apr. 25.
- Jenks, Albert L. (See Rosenow, M. C., and Jenks.)
- Jenks, Earl F., Memphis, Tenn. Dry-cleaning machine. 1,937,276; Nov. 28.
- Jenks, Harry N., San Jose, Calif. Mixing device or sewage treatment plant. 1,902,078; Mar. 21.
- Jenks, Stephen M., and H. H. Sutherland, Gary, Ind., assignors to American Sheet and Tin Plate Company. Heating furnace. 1,895,716; Jan. 31.
- Jenne, Carl F., Carnation, Wash. Bassinet. 1,897,258; Feb. 14.
- Jenner, Ralph L. (See Gerten, N., and Jenner.)
- Jenner, Ralph L., LeRoy, N. Y., assignor to Lapp Insulator Company, Inc. Insulator support for tower or mast type antennae. 1,937,964; Dec. 5.
- Jenness, Leslie G., Brooklyn, assignor to Intermetal Corporation, New York, N. Y. Process and products pertaining to treatment of metallic oxy-compounds. 1,923,094; Aug. 22.
- Jenness, Leslie G., Brooklyn, assignor to Intermetal Corporation, New York, N. Y. Chlorinating sulphide ores. 1,923,095; Aug. 22.
- Jenness, Leslie G., Brooklyn, assignor to Davis Emergency Equipment Company, Incorporated, New York, N. Y. Air-purifying device. 1,931,989; Oct. 24.
- Jenness, Leslie G., Brooklyn, assignor to Intermetal Corporation, New York, N. Y. Manganese dioxide. 1,937,488; Nov. 28.
- Jenness, Leslie G., Brooklyn, assignor to Intermetal Corporation, New York, N. Y. Catalyst and producing same. 1,937,489; Nov. 28.
- Jennings, Chester S. (See Perry, H. R., and Jennings.)
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic tube terminal. 1,921,391; Aug. 8.
- Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 1,938,104; Dec. 5.
- Jennings, Chester S., and L. C. Allen, assignors to The Lamson Company, Syracuse, N. Y. Carrier transfer means. 1,912,143; May 30.
- Jennings, Chester S., and C. R. Libby, assignors to The Lamson Company, Syracuse, N. Y. Vertical conveyor. 1,912,144; May 30.
- Jennings, Chester S., and L. C. Allen, assignors to The Lamson Company, Syracuse, N. Y. Vertical conveyor. 1,912,898; June 6.
- Jennings, Chester S., and L. C. Allen, assignors to The Lamson Company, Syracuse, N. Y. Conveyor installation. 1,922,699; Aug. 15.
- Jennings, Chester S., and L. E. Dupuy, assignors to The Lamson Company, Syracuse, N. Y. Noninterference apparatus. 1,924,556; Aug. 29.
- Jennings, Chester S., and L. C. Allen, assignors to The Lamson Company, Syracuse, N. Y. Carrier transfer means. 1,926,541; Sept. 12.
- Jennings, George H., Brockton, Mass. Welting and producing it. 1,911,956; May 30.
- Jennings, Harry C. (See Geary, J. F., and Jennings.)
- Jennings, Irving C., South Norwalk, Conn. Motor driven centrifugal pump. 1,908,427; May 9.
- Jennings, Irving C., South Norwalk, Conn. Mechanism for automatically adjusting the operation of pressure regulators. 1,934,504; Nov. 7.
- Jennings, James M., Baton Rouge, La., assignor to Standard-I. G. Company. Destructive hydrogenation of carbonaceous materials. 1,894,770; Jan. 17.
- Jennings, James M., Baton Rouge, La., assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Hydrogenation of carbonaceous materials. 1,933,503; Oct. 31.
- Jennings, Melvin O., Lexington, assignor to H. H. Beckwith, Brookline, Mass. Shoe heater. 1,915,365; June 27.
- Jennings, Melvin O., East Lexington, assignor to H. H. Beckwith, Brookline, Mass. Heater for shoe fillers. 1,928,290; Sept. 26.
- Jennings, O. D., & Company. (See Berger, Otto, assignor.)
- Jennings, O. D., & Company. (See Gilmore, Charles B., assignor.)
- Jennings, O. D., & Company. (See Gilmore, C. B., and Vaughn, assignors.)
- Jennings, O. D., & Company. (See Jennings, Ode D., assignor.)
- Jennings, O. D., & Company. (See Jennings, O. D., and Mihalek, assignors.)
- Jennings, O. D., & Company. (See Macourek, Jerry F., assignor.)
- Jennings, O. D., & Company. (See Mihalek, Emery, assignor.)
- Jennings, O. D., & Company. (See Szyper, C., and Mihalek, assignors.)
- Jennings, O. D., & Company. (See Weirich, Wallace V., assignor.)
- Jennings, Ode D., Schaumburg Township, Cook County, assignor to O. D. Jennings & Company, Chicago, Ill. Vending machine. Des. 90,158; June 20.
- Jennings, Ode D., Palatine, and E. Mihalek, assignors to O. D. Jennings & Company, Chicago, Ill. Coin controlled device. 1,903,048; Mar. 28.
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Arc quencher for safety switches. 1,914,129; June 13.
- Jennings, Oliver S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Distributing panel. 1,936,791; Nov. 28.
- Jennings, William A., assignor to Rapid Tool Corporation, Raytown, Mo. Cylinder grinding stand. 1,916,618; July 4.
- Jennings, Willis A., Chicago, Ill. Soap dispenser. 1,900,819; Mar. 7.
- Jennings, Willis A., Chicago, Ill. Soap dispenser. 1,904,238; Apr. 18.
- Jennison, Harry G. (See Faben, Charles R., assignor.)
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Nonferrous alloy. 1,915,999; June 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Alloy. 1,916,000; June 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Alloy. 1,916,001; June 27.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Copper base alloy. 1,919,725; July 25.
- Jennison, Herbert C., Bridgeport, assignor to The American Brass Company, Waterbury, Conn. Copper silicon manganese alloy. 1,936,397; Nov. 21.
- Jenny, Alexander, Berlin-Charlottenburg, H. Siebeneicher, and N. Budiloff, Berlin-Friedenau, assignors to Siemens-Electro-Osmose G. m. b. H., Siemensstadt, near Berlin, Germany. Production of anticorrosive protective coatings on light metals. 1,923,539; Aug. 22.

- Jenny, Alexander, Berlin-Charlottenburg, and N. Budiloff, Berlin-Friedenau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Production of corrosion-resistant coatings on aluminum and aluminum alloys. 1,936,058; Nov. 21.
- Jenny, Rudolph H., Rome, N. Y. Spindle mounting for insulating machines. 1,924,282; Aug. 29.
- Jenrich, William A., Chicago, Ill. Duplex envelope. 1,931,351; Oct. 17.
- Jensen, Aage, Los Angeles, Calif. Apparatus for treating liquids. 1,897,613; Feb. 14.
- Jensen, Amos V., Ferndale, Mich. Pump. 1,923,268; Aug. 22.
- Jensen, Axel G., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 1,932,465; Oct. 31.
- Jensen, Benton F., Exira, Iowa. Animal brooder. 1,895,127; Jan. 24.
- Jensen, Benton F., Exira, Iowa. Detachable sure-footing appliance for vehicle floor compartments. 1,895,162; Jan. 24.
- Jensen, Carl L. E., A. Utkov, and K. Warming, Copenhagen, Denmark. Reenforcement for round reaction towers for the manufacture of sulphuric acid. 1,917,717; July 11.
- Jensen Creamery Machinery Company. (See Cornell, Fritz G., jr., assignor.)
- Jensen, Hans, Sarpsborg, Norway. Ski fastener. 1,922,955; Aug. 15.
- Jensen, Hans C., Sacramento, Calif. Self-closing paste tube. 1,928,895; Oct. 3.
- Jensen, Henry M., and J. E. Gingrich, U. S. Navy, and G. Medina, Washington, D. C. Navigational instrument. 1,919,222; July 25.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Safety valve for gasoline tanks and the like. 1,893,942; Jan. 10.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Grave vault. 1,906,318; May 2.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve operating mechanism for tank vehicles. 1,932,972; Oct. 31.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Hose nozzle. 1,941,174; Dec. 26.
- Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Cover securing means. 1,935,226; Nov. 14.
- Jensen, Jens, Rhame, N. Dak. Animal poke. 1,918,647; July 18.
- Jensen, Jens M., Lansdowne, Pa., assignor to General Electric Company. Electric switch apparatus. 1,915,095; June 20.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Foot press. 1,893,705; Jan. 10.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Tool for punching, riveting, and like operations. 1,910,338; May 23.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Tool for punching, riveting, and like operations. 1,910,339; May 23.
- Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Shear. 1,940,497; Dec. 19.
- Jensen, John, Cincinnati, Ohio. Pocket writing implement. 1,940,548; Dec. 19.
- Jensen, Karl E., Danville, Ill., assignor, by mesne assignments, to E. F. Kemp, Washington, D. C. Glove. 1,929,385; Oct. 3.
- Jensen, Karl E., Danville, Ill., assignor, by mesne assignments, to E. F. Kemp, Washington, D. C. Legging. 1,937,573; Dec. 5.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Portable autographic register. 1,894,745; Jan. 17.
- Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Autographic register. 1,902,284; Mar. 21.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Duplicating machine. 1,903,625; Apr. 11.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Duplicating machine. 1,915,738; June 27.
- Jensen, Louis, assignor to United Autographic Register Co., Chicago, Ill. Autographic register. 1,923,829; Aug. 22.
- Jensen, Louis, assignor to United Autographic Register Company, Chicago, Ill. Web control. 1,930,202; Oct. 10.
- Jensen, Martin. (See Yohe, L. N., and Jensen.)
- Jensen, Martin, Penn Yang, N. Y. Door fastener. 1,921,189; Aug. 8.
- Jensen, Milton O., Huntington Park, Calif. Direct reading manometer. 1,922,049; Aug. 15.
- Jensen, Morris, Pleasantville, Iowa. Spring shackle repair means. 1,928,834; Oct. 3.
- Jensen, Otto, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Switching mechanism. 1,909,540; May 16.
- Jensen, Paul E. G., Grantwood, N. J., assignor to Radio Corporation of America. Sound pick-up device. 1,899,966; Mar. 7.
- Jensen, Peter L., Alameda, Calif., assignor, by mesne assignments, to Jensen Radio Manufacturing Company, Chicago, Ill. Electrodynamic sound reproducer. 1,906,379; May 2.
- Jensen Radio Manufacturing Company. (See Jensen, Peter L., assignor.)
- Jensen, Robert P., Seattle, Wash. Fireplace heater. 1,915,826; June 27.
- Jensen, Salsbery Laboratories, Inc., The. (See Pilgrim, Ernest C., assignor.)
- Jensen, Sanning C., Neola, Iowa. Rotary hammer. 1,917,525; July 11.
- Jensen, Thormod, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Wrapper nicking device. 1,927,404; Sept. 19.
- Jensen, Thorvald, Wetaskiwin, Alberta, Canada. Garden implement. 1,921,973; Aug. 8.
- Jensen, Walter E., Chicago, Ill. Multiple clutch drive. 1,909,831; May 16.
- Jensen, William E., Chicago, assignor, by mesne assignments, to F. W. Norton, Oak Park, Ill. Can opener. 1,895,221; Jan. 24.
- Jenson, Kenneth S. (See Hanson, H. C., and Jenson.)
- Jenson, Kenneth S., assignor to American Gas Machine Company, Albert Lea, Minn. Chimney hanger for burners. 1,897,728; Feb. 14.
- Jenssen, G. D., Company. (See Jenssen, Jacob D., assignor.)
- Jenssen, Jacob D., assignor to G. D. Jenssen Company, New York, N. Y. Producing acid liquor. 1,898,541; Feb. 21.
- Jenssen, Jacob D., assignor to G. D. Jenssen Company, New York, N. Y. Manufacture of sulphuric acid liquor. 1,898,542; Feb. 21.
- Jeppsson, Ivar. (See McArdle, M. W., and Jeppsson.)
- Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Portable electric cutting machine. Des. 90,581; Aug. 29.
- Jepsen, Sophus, Racine, Wis. Luggage carrier for vehicles. 1,896,628; Feb. 7.
- Jerome, Horace M., Ann Arbor, assignor to U. S. Pressed Steel Company, Ypsilanti, Mich. Boiler construction. 1,919,164; July 18.
- Jerousek, Frank, Baltimore, Md. Drip catcher for paint brushes and the like. 1,906,157; Apr. 25.
- Jersey, Neil E., assignor to W. A. Riddell Company, Bucyrus, Ohio. Machine for grading roads and the like. 1,915,094; June 20.
- Jeschke, Frank J., assignor to Micromatic Hone Corporation, Detroit, Mich. Grinding mechanism. 1,908,252; May 9.
- Jesnic, Charles J., Philadelphia, Pa. Closure for collapsible tubes and the like. 1,920,199; Aug. 1.
- Jessell, Harry, Tacoma, Wash. Anti-slipping spike for shoe soles. 1,925,486; Sept. 5.
- Jessen, Charles C., Passaic, assignor to Napon Rayon Corporation, Clifton, N. J. Decopperizing rayon or artificial silk threads. 1,925,097; Sept. 5.
- Jessen, Jesse C., Los Angeles, Calif. Fuel package for heaters. 1,916,573; July 4.
- Jessen, John A., assignor to Whitin Machine Works, Whitinville, Mass. Guiding device for long draft aprons. 1,895,800; Jan. 31.
- Jessen, John A., assignor to Whitin Machine Works, Whitinville, Mass. Long draft spinning mechanism. 1,914,603; June 20.
- Jesser, Albert E. (See McCrery, H. E., and Jesser.)
- Jessop, George A., and D. C. De Vine, assignors to S. Morgan Smith Company, York, Pa. Manufacture of Francis runners for hydraulic turbines. 1,917,037; July 4.
- Jessop Steel Company. (See Trembour, Max R., assignor.)
- Jessup, Alfred C., Clamart, France. Apparatus for the electrolytic manufacture of metals and chiefly of magnesium. 1,930,877; Oct. 17.
- Jessup, Clarence W. (See Decker, George R., assignor.)
- Jessup, George L., Woodland, Calif. Sign. 1,913,279; June 6.
- Jessup & Moore Paper Co., The. (See Plumstead, Joseph E., assignor.)
- Jessup, Stephen C., Salem, Ohio. Mower blade. 1,903,183; Mar. 28.
- Jester, Alfred T., Houston, Tex. Repeater system. 1,899,037; Feb. 28.
- Jester, Charles A. (See Brodfuehrer, B. B., Froemen, and Jester.)
- Jester, Daniel C., Eldorado, Ga. Pump construction. 1,914,021; June 13.
- Jester, John M., Washington, D. C. Releasing clamp. 1,907,182; May 2.
- Jester, John M., Washington, D. C. Cable releasing clamp. 1,930,878; Oct. 17.
- Jester, Maxwell B., and A. J. Smith, assignors to Calumet Refining Company, Chicago, Ill. Display device. 1,924,406; Aug. 29.
- Jester, W. G. (See Neal, Zearl E., assignor.)
- Jett, George C., assignor of two-fifths to W. H. Stienke, Milwaukee, Wis. Brake mechanism. 1,905,231; Apr. 25.
- Jett, George C., assignor of two-fifths to W. H. Stienke, Milwaukee, Wis. Crawler tread mechanism. 1,906,610; May 2.
- Jewelite Inc. (See Lawrence, Harry W., assignor.)
- Jewell, Archer A., Peckham, London, England. Holder for containers. 1,902,285; Mar. 21.
- Jewell Electrical Instrument Company. (See Mable, Edmund L., assignor.)
- Jewell Electrical Instrument Company. (See Miller, John H., assignor.)

- Jewell Electrical Instrument Company. (See Simpson, Ray, assignor.)
- Jewell, Howard W., Los Angeles, Calif. Apparatus for automatically flushing sewers. 1,901,244; Mar. 14.
- Jewell, Howard W., Los Angeles, Calif. Apparatus for automatically flushing sewers. 1,929,638; Oct. 10.
- Jewell, Howard W., assignor to Pacific Clay Products, Los Angeles, Calif. Conduit construction. 1,936,842; Nov. 28.
- Jewell, Robert H., Overland, Mo. Amusement apparatus. 1,919,467; July 25.
- Jewell, Roy G., assignor of one-half to C. S. Chandler, Oakland, Calif. Signaling device. 1,920,310; Aug. 1.
- Jewell Steel & Malleable Co. (See Harvey, Clayton J., assignor.)
- Jewell, William S., Corry, Pa., assignor to Corry-Erie Manufacturing Company. Automatic circuit breaker for motion-picture apparatus. 1,937,061; Nov. 28.
- Jewett, Frank C., assignor of one-fourth to A. Engelman, one-fourth to A. B. Northey, and one-fourth to J. R. Dorsey, Bakersfield, Calif. Pistol holster. 1,930,203; Oct. 10.
- Jewett, Joseph E., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of arylglycines. 1,923,730; Aug. 22.
- Jewett, Joseph E., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Separation of alcohol from ammonia. 1,933,536; Nov. 7.
- Jewett, Joseph E., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Treating fused material and apparatus therefor. 1,934,716; Nov. 14.
- Jewett, Joseph E., Mount Lebanon, assignor to The Selden Company, Pittsburgh, Pa. Process and apparatus for effecting organic oxidations. 1,917,718; July 11.
- Jezler, Hubert, Zurich, Switzerland. Steam boiler. 1,918,396; July 18.
- Jezler, Hubert, Zurich, Switzerland. Firing of steam boilers. 1,918,397; July 18.
- Jiffy Battery Terminal Corporation. (See Wallenberg, Frank J., assignor.)
- Jiffy Pad & Excelsior, Inc. (See d'Este, J. N., and Tower, assignors.)
- Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling device. 1,938,338; Dec. 5.
- Jinkerson, Noble E., Sacramento, Calif. Lawn cleaner. 1,932,137; Oct. 24.
- Jinnett, Francis E., Ventura, Calif. Pipe cleaning machine. 1,898,964; Feb. 21.
- Jipp, August. (See Kruhme, E. Jipp, and Rossberg.)
- Jipp, August, E. Rossberg, and E. Hettler, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Secret telegraph system. 1,912,983; June 6.
- Jiran, Gottlieb, Cedar Run, N. J. Ash receiver. 1,936,303; Nov. 21.
- Jirka, James E., Cleveland, Ohio. Saw grinding machine. 1,909,832; May 16.
- Jirka, Joseph F., R. N. McCurdy, Cleveland, E. Slager, Garfield Heights Village, Ohio, and R. D. Ernest, Dearborn, Mich., assignors to The Powerlite Switchboard Company, Cleveland, Ohio. Safety switch mechanism. 1,896,545; Feb. 7.
- Joachim, Herman L., Ridgefield Park, N. J. Method of and apparatus for stacking sheets. 1,902,436; Mar. 21.
- Joachimczyk, Martin, Berlin, Charlottenburg, Germany. Apparatus for making blanks for envelopes or paper bags. 1,913,119; June 6.
- Joan Products, Inc. (See Rinehart, Curvin L., assignor.)
- Joaquin, Nathan E., and E. Praetorius, assignors of one-third to J. E. Stewart, Los Angeles, Calif. Sound and light wave apparatus. 1,934,859; Nov. 14.
- Jobe, Frederick W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical system. 1,939,554; Dec. 12.
- Jobe, William S., Greensboro, N. C. Tractor swing frame aligning means. 1,933,018; Oct. 31.
- Jobes, C. T., et al. (See Schurtz, Ralph E., assignor.)
- Jobst, Conrad, assignor to The Toledo Automatic Brush Machine Company, Toledo, Ohio. Brush machine. 1,899,694; Feb. 28.
- Jochum, J. H., jr. (See Weber, John J., assignor.)
- Jochum, Kurt. (See Lenz, W., and Jochum.)
- Jochum, Kurt, and A. Voss, Frankfort-on-the-Main, H. Geier, Mainz-Kastel, and E. Dickhäuser, Gersthofen, near Augsburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Agent for sizing textile fibers and a process of sizing textile fibers. 1,920,564; Aug. 1.
- Jodeck, Paul, assignor to Edeleanu Gesellschaft m. beschränkter Haftung, Berlin, Germany. Separating sulphur dioxide and the like from liquid hydrocarbons. 1,910,341; May 23.
- Joerg, Edwin J. C., executor. (See Ensenat, Ramon.)
- Joerissen, Carl A., Paris, France. Noiseless typewriter. 1,918,106; July 11.
- Joffé, Abraham, Leningrad, Russia, assignor to Industrial Research Company, Cambridge, Mass. Electrical rectifier. 1,907,547; May 9.
- Joffe, Philip, New York, N. Y. Preserving biological specimens. 1,935,706; Nov. 21.
- Joha, Elmer N., Wauwatosa, assignor to Reliable Knitting Works, Milwaukee, Wis. Knitted footwear and making the same. Re18,804; Apr. 25.
- Joha, Elmer N., Wauwatosa, assignor to Reliable Knitting Works, Milwaukee, Wis. Knitted foot covering and making the same. 1,910,251; May 23.
- Joham, Charles W., Los Angeles, Calif. Artificial leaf. 1,893,500; Jan. 10.
- Johann, Arthur C., (See Manahan, E. H., and Johann.)
- Johann, Charles S., New York, N. Y. Gas control system. 1,921,411; Aug. 8.
- Johannes, Walter. (See Pfannenstiel, H., and Johannes.)
- Johannsen, Adolf, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of aldehydes. 1,909,833; May 16.
- Johannsen, Friedrich, Magdeburg, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Recovery of metal values. 1,921,825; Aug. 8.
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Display receptacle. 1,912,899; June 6.
- Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Radiator shutter. 1,918,846; July 18.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Tong. 1,923,010; Aug. 15.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Safety clamp. 1,924,436; Aug. 29.
- Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 1,940,800; Dec. 26.
- Johansen, Harry G., St. Louis, Mo. Shoe. Des. 90,195; June 27.
- Johansen, Otto E., Chicago, Ill. Cashier's protective device. 1,912,079; May 30.
- Johanson, Arthur, Allen, Nebr. Animal weaner. 1,937,895; Dec. 5.
- Johanson, Carl H., Los Angeles, Calif., assignor to International Glove Process Company, Ltd. Hand covering and making. 1,909,863; May 16.
- Johanson, Carl H., Los Angeles, Calif., assignor to International Glove Process Company, Ltd. Glove. 1,909,864; May 16.
- Johanson, Carl U., et al. (See Anderson, Carl J., assignor.)
- Johanson, Emil, Chicago, Ill. Window sash latch. 1,941,031; Dec. 26.
- Johanson, Gustav H. (See Wilhjelm, C., and Johanson.)
- Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Tool mechanism for gear cutting machines. 1,893,943; Jan. 10.
- Johansson, Carl A., Gottenborg, Sweden. Air operated vehicle control. 1,903,699; Apr. 11.
- Johansson, Charles H., Texas City, Tex. Bin alarm switch. 1,893,862; Jan. 10.
- Johlige, Hans-Joachim, Bohlen, near Leipzig, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Classifying apparatus. 1,941,147; Dec. 26.
- John, Alex., Port Huron, Mich. Ventilator. 1,906,158; Apr. 25.
- John, Chaucer G., Springdale Ark., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Bean snipping machine. 1,927,345; Sept. 19.
- John, Ferdinand, Dusseldorf-Oberkassel, Germany. Rotary key clutch. 1,903,049; Mar. 28.
- John, Hans, and C. C. Le Febvre, Appleton, assignors to Paper Patents Company, Neenah, Wis. Subjecting fibers to the action of gases. 1,907,548; May 9.
- John, Hans, Appleton, C. C. Le Febvre, and H. Du Bois, assignors to Paper Patents Company, Neenah, Wis. Apparatus for bleaching pulp. 1,924,860; Aug. 29.
- John, Lillian, New York, N. Y. Toothpick. 1,927,455; Sept. 19.
- John, Robert, New York, N. Y. Laminated rigid structural material. 1,920,081; July 25.
- John, Robert, New York, N. Y., assignor, by mesne assignments, to The Pennzoil Company, Oil City, Pa. Lubricating oil testing device. 1,925,254; Sept. 5.
- John, Wesley E., Merton Park, London, England. Adjusting means for cinematograph projectors. 1,913,488; June 13.
- John-Werke Grofische Maschinen-Aktiengesellschaft. (See Stegmann, Karl, assignor.)
- Johnner, Hans. (See de Montmollin, G., Danuser, Bonhöte, and Johnner.)
- Johns, Allen L., sr., assignor of one-half to G. O. Hutton, Anacortes, Wash. Magazine soldering device. 1,908,514; May 9.
- Johns, George H., New Haven, assignor of one-half to A. Pierson, East Haven, Conn. Easel, card holder, or the like. 1,910,548; May 23.
- Johns, Harry F., jr., et al. (See Manicke, Ruby L., assignor.)
- Johns, Hyland R. (See Johnston, Robert T., assignor.)
- Johns-Mannville Corporation. (See Coss, Harold T., assignor.)
- Johns-Manville Corporation. (See Berger, Edward H., assignor.)
- Johns-Manville Corporation. (See Brodersen, Harry T., assignor.)
- Johns-Manville Corporation. (See Cannon, Phillip C., assignor.)
- Johns-Manville Corporation. (See Farley, Francis S., assignor.)

- Johns Manville Corporation. (See Jaquiere, William, assignor.)
- Johns-Manville Corporation. (See Kellogg, G. D., and Voigt, assignors.)
- Johns-Manville, Incorporated. (See Nash, Joseph H., assignor.)
- Johns-Manville, Corporation. (See Neal, James B., assignor.)
- Johns-Manville Corporation. (See Reese, John H., assignor.)
- Johns-Manville Corporation. (See Rolfs, Eugene L., assignor.)
- Johns-Manville Corporation. (See Schaeffer, Elmer R., assignor.)
- Johns-Manville Corporation. (See Seigle, William R., assignor.)
- Johns-Manville Corporation. (See Stafford, William L., assignor.)
- Johns, Martha E., Norfolk, Va. Bag. 1,902,368; Mar. 21.
- Johns, Wilbert R., Chicago, Ill. Poster support. 1,903,766; Apr. 18.
- Johnsen, Bjarne, assignor to Hammermill Paper Company, Erie, Pa. Paper manufacture. 1,903,236; Mar. 28.
- Johnsen, Einar A. (See Coghlan, T. G., and Johnsen.)
- Johnsen, Finn, Fuur, Denmark. Remedy for combating plant diseases and for the protection of plants against attacks from fungi and insects. 1,903,626; Apr. 11.
- Johnsen, John. (See Lammertse, M., and Johnsen.)
- Johnsen, Sigrid A., executrix. (See Coghlan, T. G., and Johnsen.)
- Johnsen-Stephens & Shinkle Shoe Company. (See Mattler, Peter, assignor.)
- Johnsen, Thomas O., Tacoma, Wash. Golf bag. 1,915,889; June 27.
- Johnsen, Thomas O., Tacoma, Wash. Shoe. 1,923,830; Aug. 22.
- Johnson, A., & Co. (See Kalling, B. M. S., and von Delwig, assignors.)
- Johnson, A., & Co. (See Von Seth, R. H., and Kalling, assignors.)
- Johnson, A. H., & Co. (Paper) Limited. (See Martinez, Michele, assignor.)
- Johnson, Aaron, Salome, Ariz. Road drag. 1,910,290; May 23.
- Johnson, Aben E., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 1,906,272; May 2.
- Johnson, Al. Construction Co. (See Johnson, Algot F., assignor.)
- Johnson, Albert, New York, N. Y. Valve controlling means for fluid distributing devices. 1,901,749; Mar. 14.
- Johnson, Albert M., assignor to Barnes Drill Company, Rockford, Ill. Drilling machine spindle. 1,917,842; July 11.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 1,922,246; Aug. 15.
- Johnson, Albert M., and W. M. Fairbairn, assignors to Barnes Drill Company, Rockford, Ill. Machine tool. 1,909,766; May 16.
- Johnson, Albert M., and W. M. Fairbairn, assignors to Barnes Drill Company, Rockford, Ill. Machine tool. 1,909,767; May 16.
- Johnson, Albert S., Los Angeles, Calif. Automatic fluid pipe connector train coupling. 1,892,953; Jan. 3.
- Johnson, Albert S., assignor to Johnson Connector Company, Ltd., Los Angeles, Calif. Automatic train pipe connector. 1,896,687; Feb. 7.
- Johnson, Alf, Revloc, Pa. Highway guard-fence construction. 1,895,262; Jan. 24.
- Johnson, Alf T., Revloc, Pa. Tire squeezer or compressor. 1,913,927; June 13.
- Johnson, Alfred, Uniontown, Pa. Closure and lock. 1,903,765; Apr. 18.
- Johnson, Alfred, West New Brighton, assignor to Combustion Utilities Corporation, New York, N. Y. Gas making process. 1,923,540; Aug. 22.
- Johnson, Alfred, West New Brighton, Staten Island, assignor to Combustion Utilities Corporation, New York, N. Y. Gas generating apparatus. 1,923,541; Aug. 22.
- Johnson, Alfred H., assignor to National-Standard Company, Niles, Mich. Tire bead reinforcing element. 1,903,925; Apr. 18.
- Johnson, Alfred J., assignor to York Band Instrument Company, Grand Rapids, Mich. Valve structure. 1,922,685; Aug. 15.
- Johnson, Algot F., assignor to Al. Johnson Construction Co., Minneapolis, Minn. Apparatus for sinking bodies such as caissons and piles. 1,905,643; Apr. 25.
- Johnson, Allen S., Bethlehem, Pa. Flower stand. 1,897,905; Feb. 14.
- Johnson, Alvin L., Worcester, Mass. Direction signal. 1,901,395; Mar. 14.
- Johnson, Amund, Gonvick, Minn. Collapsible box or crate. 1,939,901; Dec. 19.
- Johnson, Anthon G., Gilman, Iowa. Oil heater for permanent hair waving equipment. 1,917,305; July 11.
- Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Implement hitch. 1,906,753; May 2.
- Johnson, Arnold E. W., Chicago, Ill., and W. C. Dwyer, Auburn, N. Y., assignors to International Harvester Company. Tractor spring tooth barrow. 1,923,930; Aug. 22.
- Johnson, Arthur A. (See Steiber, Theodore E., assignor.)
- Johnson, Arthur A., Bridgeport, Conn. Manifolding. 1,902,128; Mar. 21.
- Johnson, Arthur A., Bridgeport, Conn. Manifolding. 1,915,533; June 27.
- Johnson, Arthur A., Bridgeport, Conn. Manifolding. 1,922,296; Aug. 15.
- Johnson, Arthur E., Oak Park, assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Box wrapping machine. 1,902,079; Mar. 21.
- Johnson, Arthur E., El Paso, Tex., assignor of one-half to Francis Vesely, Silver City, N. Mex. Dispensing barrel elevator and support. 1,937,227; Nov. 28.
- Johnson, Arthur L. (See Johnson, Walter J. and A. L.)
- Johnson, Arthur P. (See Griffin, S. P., and Johnson.)
- Johnson, Arthur S. (See Rollins, L. W., and Johnson.)
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,904,314; Apr. 18.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Liquid container. 1,922,297; Aug. 15.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,926,150; Sept. 12.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 1,928,693; Oct. 3.
- Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 1,928,694; Oct. 3.
- Johnson, Arvid, Reynolds, Ill. Self locking chain tightener. 1,911,898; May 30.
- Johnson, Austin C., Chicago, assignor of one-half to R. G. Crossley, Elmhurst, and one-half to G. W. Durham, Chicago, Ill. Polishing and cleaning device. 1,897,981; Feb. 14.
- Johnson, Axel, Oakland, Calif. Ice cream dispensing machine. 1,909,541; May 16.
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Ohio. Seeding machine. 1,901,298; Mar. 14.
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Ohio. Mulching wheel for seeding machines. 1,901,299; Mar. 14.
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Ohio. Double run force feed grain distributor. 1,901,300; Mar. 14.
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Ohio. Combined grain and fertilizer distributor. 1,901,301; Mar. 14.
- Johnson, Ben P., assignor to E. E. Greiner, Springfield, Ohio. Combination mulching, harrowing, hoeing, and rolling machine. 1,931,960; Oct. 24.
- Johnson, Benjamin F., Baltimore, Md. Transfer ejecting and dispensing device. 1,931,609; Oct. 24.
- Johnson, Bernard O., Sonora, Calif. Artificial respirator. 1,918,546; July 18.
- Johnson Bronze Company. (See Leis, Carl H., assignor.)
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Packing for ammunition and the like. 1,894,873; Jan. 17.
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Machine for manufacturing boxes. 1,901,750; Mar. 14.
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Winding device for the manufacturing of boxes, for instance the outer casings of push boxes and similar articles. 1,902,033; Mar. 21.
- Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Mandrel for box-making machines. 1,917,126; July 4.
- Johnson, Bror G., Chicago, Ill. Four-wheel drive for automobiles. 1,932,786; Oct. 31.
- Johnson Brothers Engineering Corporation. (See Gorden, Walter L., assignor.)
- Johnson Brothers Engineering Corporation. (See Johnson, Louis J., assignor.)
- Johnson Brothers Engineering Corporation. (See Johnson, L. J., and H. L., assignors.)
- Johnson, Carl E., Sparrows Point, Md., assignor to Bethlehem Steel Company. Bale tie bundle. 1,908,849; May 16.
- Johnson, Carl E., Pasadena, assignor to Sterling Electric Motors, Los Angeles, Calif. Shielded motor assembly. 1,919,557; July 25.
- Johnson, Carl E., Los Angeles, Calif. Remotely controlled radioreceiver. 1,927,983; Sept. 26.
- Johnson, Carl G. and K. T., Chicago, Ill. Electric switch. 1,899,000; Feb. 28.
- Johnson, Carl H. (See Erickson, C. J., and Johnson.)
- Johnson, Carl H. (See Johnson, O. W. and C. H.)
- Johnson, Carl H. R., assignor to Downingtown Manufacturing Company, Downingtown, Pa. Press for paper machines including screen faced roll. 1,934,543; Nov. 7.
- Johnson, Carl H. R., Downingtown, Pa., and H. H. Latimer, Hamilton, Ohio. Suction box. 1,940,594; Dec. 19.
- Johnson, Carl O., Lincoln, Nebr. Truck maintainer. 1,905,904; Apr. 25.
- Johnson, Carl W. (See Lundin A. G. and Johnson.)
- Johnson, Carl W., Minneapolis, Minn. Closure for collapsible tubes. 1,922,204; Aug. 15.
- Johnson Chair Company. (See Johnson, Walter J., assignor.)

- Johnson, Charles, Montreal, Quebec, Canada. Paper machine wire and making same. 1,919,843; July 25.
- Johnson, Charles, and R. E. Olsen, Chicago, Ill. Cigarette holder. 1,915,534; June 27.
- Johnson, Charles B. (See MacLean, A. D., and Johnson.)
- Johnson, Charles C., Poughkeepsie, N. Y. Detachable pad for means for operating sewing machine feet. 1,926,872; Sept. 12.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Treating wire. 1,928,727; Oct. 3.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire tape. 1,935,266; Oct. 31.
- Johnson, Charles E., North Muskegon, Mich. Piston ring. 1,932,737; Oct. 31.
- Johnson, Charles E., assignor to The Piston Ring Company, Muskegon, Mich. Piston ring spreader. 1,922,369; Aug. 15.
- Johnson, Charles E., Chicago, Ill., assignor to The Vitrolite Company. Wall or partition. 1,927,787; Sept. 19.
- Johnson, Charles G. (See Conner, E. A., and Johnson.)
- Johnson, Charles G., assignor to Pratt & Whitney Company, Hartford, Conn. Gauge. 1,908,253; May 9.
- Johnson, Charles H., assignor of one-half to A. E. Miller, Sacramento, Calif. Device for practicing golf. 1,922,735; Aug. 15.
- Johnson, Charles I., assignor to Nestor Johnson Manufacturing Company, Chicago, Ill. Guard for skate runners. 1,925,697; Sept. 5.
- Johnson, Charles I., Chicago, Ill., assignor to Nestor Johnson Manufacturing Company. Guard for skate runners. 1,930,810; Oct. 17.
- Johnson, Charles J., assignor of one-half to G. Emmert, Corpus Christi, Tex. Cotton chopper. 1,895,665; Jan. 31.
- Johnson, Charles L., Trenton, N. J. Shaft coupling. 1,939,555; Dec. 12.
- Johnson, Charles O., Brittatorp, Sweden. Motor propelled surfing apparatus or aquaplane. 1,893,994; Jan. 10.
- Johnson, Charles S., Champaign, Ill. Material handling apparatus. 1,895,626; Jan. 31.
- Johnson, Charles S., Champaign, Ill. Apparatus for heating, thawing, and drying concrete aggregates. 1,926,724; Sept. 12.
- Johnson, Chester B., Hasbrouck Heights, and C. H. Bryant, Jersey City, N. J., assignors to Russell Supply Co., Inc., New York, N. Y. Type bed bearer. 1,917,719; July 11.
- Johnson, Chester F., Detroit, Mich. Fuel enriching means. 1,923,868; Aug. 22.
- Johnson, Chester F., deceased, Detroit, Mich., Detroit and Security Trust Co., now by change of name, Detroit Trust Company, Detroit, Mich., executor. Carburetor. 1,934,268; Nov. 7.
- Johnson, Christian E., assignor to Deere & Company, Moline, Ill. Agricultural implement. 1,901,909; Mar. 21.
- Johnson, Christian E., assignor to Deere & Company, Moline, Ill. Fertilizer distributor. 1,912,145; May 30.
- Johnson, Clarence G., Hartford City, Ind. Movable sealing strip for doors and the like. 1,892,986; Jan. 3.
- Johnson, Clarence G., Hartford City, Ind. Roller truck. 1,902,836; Mar. 28.
- Johnson, Clarence G., Hartford City, Ind. Hinge. 1,936,237; Nov. 21.
- Johnson, Clarence G., and H. C. Blodgett, assignors to Overhead Door Corporation, Hartford City, Ind. Door construction. 1,922,370; Aug. 15.
- Johnson, Claude T., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Time setting and time control mechanism for automatic toasters and the like. 1,898,972; Feb. 21.
- Johnson, Claude U., assignor to P. F. Yoerger Sign Company, Columbus, Ohio. Illuminated advertising sign. 1,921,570; Aug. 8.
- Johnson, Clayton R., Los Angeles, Calif. Apparatus for and method of localizing and measuring by X-ray. 1,902,558; Mar. 21.
- Johnson Connector Company. (See Johnson, Albert S., assignor.)
- Johnson, Conrad L., Chicago, Ill. Preparation of mica products from scrap mica. 1,941,212; Dec. 26.
- Johnson, Corydon M., Farmingdale, N. Y., assignor to The Aviation Patent and Research Corporation. Airplane safety belt. 1,895,222; Jan. 24.
- Johnson, David, and G. Larson, Rockford, Ill. Floor scraper. 1,931,926; Oct. 24.
- Johnson, David E., Rockford, Ill. Chuck. 1,926,725; Sept. 12.
- Johnson, David H., Seattle, Wash. Door control. 1,915,422; June 27.
- Johnson, De Fay, et al. (See Dozier, Joseph V., assignor.)
- Johnson, Dorothy B., Evanston, Ill. Child's knitted garment. Des. 91,137; Dec. 5.
- Johnson, Earl H. (See Adams, R., Johnson, and Weinmayr.)
- Johnson, Edgar H., Putnam, Conn. Extruding machine. 1,912,374; June 6.
- Johnson, Edward, Chicago Heights, assignor to Calumet Steel Company, Chicago, Ill. Fence post. 1,915,535; June 27.
- Johnson, Edward, Montclair, N. J., assignor to Meinecke & Company, New York, N. Y. Medicine glass cover and marker. 1,920,396; Aug. 1.
- Johnson, Edward E., assignor to E. E. Johnson, Incorporated, St. Paul, Minn. Machine for making well screens from metallic tubes. 1,913,760; June 13.
- Johnson, Edward E., Incorporated. (See Johnson, Edward E., assignor.)
- Johnson, Edward W., assignor to Chicago Carton Company, Chicago, Ill. Dispensing carton. 1,898,056; Feb. 21.
- Johnson, Edwin A. (See Ayres, R. O., Kroll, and Johnson.)
- Johnson, Edwin A. (See Howard, J. H., Johnson, and McEvoy.)
- Johnson, Edwin A. (See McEvoy, J. H., Jr., Johnson, and Woodward.)
- Johnson, Elizabeth, executrix. (See Johnson, Ernest S.)
- Johnson, Ellsworth T. (See Paradise, L. A., and Johnson.)
- Johnson, Ellsworth T., assignor to Deere & Company, Moline, Ill. Bundle carrier. 1,905,100; Apr. 25.
- Johnson, Elmer, assignor to Waite Carpet Company, Oshkosh, Wis. Tufted rug and making the same. 1,935,320; Nov. 14.
- Johnson, Elmo W., Hicksville, N. Y. Underslung potato digger for tractors. 1,921,190; Aug. 8.
- Johnson, Elmo W., Hicksville, assignor to Syracuse Chilled Plow Company, Inc., Syracuse, N. Y. Harvester. 1,935,908; Nov. 21.
- Johnson, Elvin H., Winnetka, Ill. Builder's hardware. 1,896,363; Feb. 7.
- Johnson, Elvin H., Winnetka, Ill. Template for doorlocks. 1,906,611; May 2.
- Johnson, Eric, Astoria, Long Island, N. Y. Combination parking light mirror holder. 1,928,105; Dec. 5.
- Johnson, Eric M. (See Davidson, J. W., Higgs-Walker, and Johnson.)
- Johnson, Erik R. (See Henson, H. B., and Johnson.)
- Johnson, Erland. (See Pendergast, J. F., and Johnson.)
- Johnson, Erling, assignor to the Firm Odda Smelt Verk A/S, Odda, Norway. Producing alumina and phosphorus or phosphoric acid. 1,900,287; Mar. 7.
- Johnson, Erling, assignor to the firm Odda Smelteverk A/S, Odda, Norway. Manufacturing a product containing ammonium nitrate and calcium carbonate. 1,924,041; Aug. 22.
- Johnson, Erling, assignor to the firm Odda Smelteverk A/S of Odda, Norway. Dissolving phosphate rock and separating its content of lime and phosphoric acid. 1,939,351; Dec. 12.
- Johnson, Ernest S., assignor to Knapp-Monarch Company, Belleville, Ill. Air heater and circulator. 1,914,724; June 20.
- Johnson, Ernest S., assignor to Knapp-Monarch Company, Webster City, Iowa. Electric bread toaster. 1,919,559; July 25.
- Johnson, Ernest S., assignor to Knapp-Monarch Company, Fastener Corporation, Cambridge, Mass. Slide fastener. 1,919,946; July 25.
- Johnson, Ernest S., deceased, East St. Louis, Ill., Elizabeth Johnson, executrix, assignor to Knapp-Monarch Company. Food jug and lock therefor. 1,935,470; Nov. 14.
- Johnson, Everard L., Patchogue, N. Y. Seat. 1,902,367; Mar. 21.
- Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Dry cleaning device. 1,910,900; May 23.
- Johnson Fare Box Company. (See Thompson, Ernest H., assignor.)
- Johnson, Forrest A. (See Ercanbrack, J. E., and Johnson.)
- Johnson, Forrest O. (See Murdock, G. R., Johnson, and Wagner.)
- Johnson, Francis T., Chicago, Ill. Rack. 1,895,128; Jan. 24.
- Johnson, Frank, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Transmission. 1,937,965; Dec. 5.
- Johnson, Frank A. (See Knudson, John L., assignor.)
- Johnson, Frank E., assignor to John I. Paulding, Inc., New Bedford, Mass. Wall switch. 1,917,843; July 11.
- Johnson, Frank E., New Bedford, assignor to John I. Paulding, Inc., Bedford, Mass. Electric lamp receptacle fastening means. 1,937,322; Nov. 28.
- Johnson, Frank L., Akron, Ohio. Collapsible form for tire building. 1,898,667; Feb. 21.
- Johnson, Frank L., Akron, Ohio. Collapsible core. 1,903,458; Apr. 11.
- Johnson, Frank L., Akron, Ohio. Collapsible tire building form. 1,903,945; Apr. 18.
- Johnson, Frank R., Seattle, Wash. Forming designs. 1,893,944; Jan. 10.
- Johnson, Fred R., Hamburg, assignor to The Exolon Company, Bladell, N. Y. Water and air cooled electromagnet. 1,929,187; Oct. 3.
- Johnson, Fred V., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling material. 1,939,055; Dec. 12.
- Johnson, Fred V., Irvington, N. J., E. D. Hanson, Westmont, and D. V. Waters, Oak Park, Ill., assignors to Western Electric Company, Incorporated. Molding machine. 1,904,239; Apr. 18.
- Johnson, Frederick, St. Paul, Minn. Animal snare. 1,933,855; Nov. 7.
- Johnson, Frederick A., Harrogate, England. Rotary furnace or drier. 1,925,761; Sept. 5.

- Johnson, Frederick A., and J. W. Freeborn, assignors to Ruddy Manufacturing Company, Limited, Brantford, Ontario, Canada. Beverage dispenser. Des. 90,253; July 4.
- Johnson, Frederick D. (See Mix, E. S., and Johnson.)
- Johnson, Frederick G., London, England. Photographic flash-light apparatus. 1,895,835; Jan. 31.
- Johnson, Frederick G., London, England. Photographic flash light apparatus. 1,896,585; Feb. 7.
- Johnson, Frederick H., Summitville, Ohio. Pyrometer gauge. 1,898,013; Feb. 21.
- Johnson, Frederick J., Big Bay, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Tenpin conveyer. 1,928,938; Oct. 3.
- Johnson, Frederick O., Long Beach Calif. Tooth paste dispenser. 1,895,163; Jan. 24.
- Johnson, Frederick W., Brighton, England. Revolving door. 1,920,397; Aug. 1.
- Johnson, George A., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 1,931,495; Oct. 24.
- Johnson, George E., assignor to George E. Johnson & Company, Three Rivers, Mich. Steam joint. 1,934,717; Nov. 14.
- Johnson, George E. & Company. (See Johnson, George E., assignor.)
- Johnson, George T., and M. R. Hansen, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck side frame. 1,916,053; June 27.
- Johnson, George T., and H. W. Stertzbach, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck bolster. 1,936,717; Nov. 28.
- Johnson, George W. (See Reese, L. V., and Johnson.)
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 1,896,516; Feb. 7.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism for continuous pressing machines. 1,896,517; Feb. 7.
- Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism for pressing machines. 1,896,518; Feb. 7.
- Johnson, Glen A., assignor to Stant Manufacturing Co., Connersville, Ind. Radiator ornament. Des. 89,045; Jan. 17.
- Johnson, Glen A., assignor to Stant Manufacturing Co., Connersville, Ind. Radiator ornament. Des. 89,964; May 23.
- Johnson, Gustaf A., New Bedford, Mass. Electric switch. 1,898,186; Feb. 21.
- Johnson, Gustaf F., Rock Island, assignor to Minneapolis-Moline Power Implement Company, Moline, Ill. Cotton planter. 1,933,061; Oct. 31.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener. 1,896,867; Feb. 7.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Stop for multiple operated fastener closure. 1,910,953; May 23.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener. 1,915,536; June 27.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Webster City, Iowa. Electric heater. 1,919,558; July 25.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 1,928,592; Sept. 26.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching member. 1,931,728; Oct. 24.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening knob for use in hand bag frames and making the same. 1,934,071; Nov. 7.
- Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut and nut installation. 1,941,175; Dec. 26.
- Johnson, Gustav J. (See Keane, James B., assignor.)
- Johnson, Gustaf. (See Nelson, R. and J. G.)
- Johnson, Halbert T., Paso Robles, Calif. Air conditioner. 1,905,101; Apr. 25.
- Johnson, Harold, and L. O. Aune, deceased, Windom, by A. B. Welles, assignee, Minneapolis, Minn., assignor to Bendix Brake Company, South Bend, Ind. Electric brake for automobiles. Re18,912; Aug. 8.
- Johnson, Harold L. (See Elsnor, R., and Johnson.)
- Johnson, Harry L. (See Johnson, L. J., and H. L.)
- Johnson, Harry L., St. Paul, Minn. Grain cleaning and separating machine. 1,912,375; June 6.
- Johnson, Harvey P., Brentwood, and P. H. Clarke, Hyattsville, Md. Combination puller. 1,893,414; Jan. 3.
- Johnson, Henry, Beatrice, Nebr. Grave marker. 1,904,738; Apr. 18.
- Johnson, Henry G., assignor to Summit Thread Company, East Hampton, Conn. Cop winding machine. 1,909,181; May 16.
- Johnson High Test Oil Company. (See Hoffman, Earl W., assignor.)
- Johnson, Horace L. (See Ross, F. N., and Johnson.)
- Johnson, Hugh A., Lansing, and M. Van Meter, assignors to Hupp Motor Car Corporation, Detroit, Mich. Control mechanism for vehicles. 1,914,510; June 20.
- Johnson, Jacob I. (See Tannehill, U. R., and Johnson.)
- Johnson, James E., and R. J. Jackson, Buffalo, N. Y. Switch mechanism for vehicle signaling devices. 1,926,590; Sept. 12.
- Johnson, James H., Columbus, Ohio. Hat finishing machine. 1,920,644; Aug. 1.
- Johnson, James W. (See Sjogreen, S. A., and Johnson.)
- Johnson, Jay M., Chicago, Ill. Fare register. 1,918,915; July 18.
- Johnson, Joel R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wrench. 1,897,614; Feb. 14.
- Johnson, John, Short Hills, N. J., assignor to United States Steel Corporation, New York, N. Y. Corrosion resistant chromium alloy manufacture. 1,916,054; June 27.
- Johnson, John A. (See Green, Victor, assignor.)
- Johnson, John A., Woodhaven, N. Y. Apparatus for assembling linings in receptacle closure caps. 1,908,898; May 16.
- Johnson, John A., Rockford, Ill. Clothes hanger. 1,917,588; July 11.
- Johnson, John A., assignor to National Supply & Service Corporation, Crawfordsville, Ind. Adjustable spark screen. 1,898,837; Feb. 21.
- Johnson, John A., Crawfordsville, Ind., assignor to National Supply & Service Corporation. Chimney due cover. 1,924,437; Aug. 29.
- Johnson, John B., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge device. 1,912,146; May 30.
- Johnson, John C. (See Nanning, G. H., and Johnson.)
- Johnson, John E. (See Chinell, H., Johnson, Olsen, and Farrell.)
- Johnson, John E. (See Muldoon, B. F., and Johnson.)
- Johnson, John E., Wilkes-Barre, Pa. Pin board. 1,895,416; Jan. 24.
- Johnson, John E., Chicago, Ill. Grain-cleaning apparatus. 1,931,074; Oct. 17.
- Johnson, John F., Bellevue, Pa., assignor to Pittsburgh Plate Glass Company. Clamp for plate glass racks. 1,905,905; Apr. 25.
- Johnson, John F. Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Expander for metal container covers. 1,923,104; Sept. 26.
- Johnson, John F., and R. B. Lawton, assignors to Weber Costello Co., Chicago Heights, Ill. Method of and apparatus for forming blackboard surfaces. 1,932,215; Oct. 24.
- Johnson, John M., Kansas City, Mo. Thermostat for fire alarm systems. 1,894,746; Jan. 17.
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool slide and lubricator therefor. 1,903,865; Apr. 18.
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 1,937,408; Nov. 28.
- Johnson & Johnson. (See Graham, Herbert R., assignor.)
- Johnson & Johnson. (See Matts, Walter J., assignor.)
- Johnson & Johnson. (See Sander, Frank V., assignor.)
- Johnson, Joseph. (See Wilson, L. A., and Johnson.)
- Johnson, Joseph, Milwaukee, Wis. Spinning top. Des. 89,705; Apr. 25.
- Johnson, Joseph E., Kansas City, Mo. Protecting system. 1,931,580; Oct. 24.
- Johnson, Joseph E., Louisville, Ky. Orthodontia arch bow. 1,938,428; Dec. 5.
- Johnson, Joseph W. (See Pym, A. F., and Johnson.)
- Johnson, Joseph W. (See Schoenky, A. R., and Johnson.)
- Johnson, Julian E., Chicago, Ill. Pneumatic spring and a manner of applying same. 1,937,896; Dec. 5.
- Johnson, Kenneth B., Kew Gardens, N. Y. Ash tray and support therefor. 1,916,619; July 4.
- Johnson, Kenneth S. (See Rusden, E. A., and Johnson.)
- Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Program transmission. 1,930,898; Oct. 17.
- Johnson, Kurt T. (See Johnson, Carl G. and K. T.)
- Johnson Laboratories, Inc. (See Polydoroff, Wladimir J., assignor.)
- Johnson, Lane. (See Biggert, F. C., Jr., and Johnson.)
- Johnson, Lane, Jr., Catonsville, Md. Joint for toy blocks. 1,932,074; Oct. 24.
- Johnson, Lane, Ingram, and J. A. Smitmans, Pittsburgh, Pa., assignors to United Engineering & Foundry Company. Shear. 1,901,910; Mar. 21.
- Johnson, Lawrence. (See Bull, H., and Johnson.)
- Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet-stack handling mechanism. 1,912,941; June 6.
- Johnson, Lee F., and T. D. Westfall, U. S. Navy, and M. W. Fischer, Washington, D. C. Aerial flare. 1,894,954; Jan. 24.
- Johnson, Leon H. (See How, H. W., and Johnson.)
- Johnson, Leonard W., Batavia, Ill. Cleaning device. 1,901,518; Mar. 14.
- Johnson, Leonard W., Batavia, Ill. Aligning fixture. 1,905,102; Apr. 25.
- Johnson, Leonard W., Batavia, Ill. Valve guide cleaner. 1,905,103; Apr. 25.
- Johnson, Lester E., and D. B. Brownlow, Middletown, Conn., assignors, by mesne assignments, to Mossberg Pressed Steel Corporation, Attleboro, Mass. Braider carrier. 1,940,498; Dec. 19.

- Johnson, Lloyd E. (See Scofield, T. J. Johnson, and Billig.)
- Johnson, Louis, St. Paul, Minn. Hose holder. 1,906,380; May 2.
- Johnson, Louis J., Waukegan, Ill., assignor to Johnson Brothers Engineering Corporation, South Bend, Ind. Propeller drive for outboard motors. 1,931,075; Oct. 17.
- Johnson, Louis J., South Bend, Ind., and H. L. Johnson, Waukegan, Ill., assignors to Johnson Brothers Engineering Corporation, South Bend, Ind. Outboard motor assembly. 1,920,923; Aug. 1.
- Johnson, Manfred J., assignor of one-half to The Lewis Engineering Company, Naugatuck, Conn. Indicating and/or recording unknown quantities. 1,910,340; May 23.
- Johnson, Manfred J., assignor to The Lewis Engineering Company, Naugatuck, Conn. Game net support. 1,940,595; Dec. 19.
- Johnson-March Corporation. (See Hunt, C. W., and McRae, assignors.)
- Johnson Matthey & Company Limited. (See Powell, A. R., Davies, and Scott, assignors.)
- Johnson-Matthey & Company Limited. (See Powell, A. R., and Scott, assignors.)
- Johnson Metal Products Co. (See Johnson, Theodore, assignor.)
- Johnson, Milton C., Company. (See Doushness, William N., assignor.)
- Johnson, Nelson V., Philadelphia, Pa. Propeller balance. 1,903,817; Apr. 18.
- Johnson, Nestor, Manufacturing Company. (See Johnson, Charles I., assignor.)
- Johnson, Norman C., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 1,940,255; Dec. 19.
- Johnson, Orlando J., Klamath Falls, Oreg. Dental flask. 1,921,925; Aug. 8.
- Johnson, Orville C., Aurora, Ill. Door closure. 1,917,127; July 4.
- Johnson, Oscar A., Glenside, assignor to American Engineering Company, Philadelphia, Pa. Automatic reversing control mechanism. 1,895,627; Jan. 31.
- Johnson, Oscar G., Bayside, N. Y. Weather-strip. 1,897,127; Feb. 14.
- Johnson, Oscar W. (See Sando, J. B., and Johnson.)
- Johnson, Oscar W., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Semiautomatic water softener. 1,913,238; June 6.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism for presses. 1,925,591; Sept. 5.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Chest for flatwork ironer. 1,929,978; Oct. 10.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apron tension device. 1,930,811; Oct. 17.
- Johnson, Oscar W. and C. H., Chicago, Ill., assignors to Flexo Products Corporation. Lamp shade. 1,929,315; Oct. 3.
- Johnson, Paul G., Wesleyville, Pa. Screen stile. 1,929,692; Oct. 10.
- Johnson, Percy G., South View, Letchworth, assignor to Victaulic Company Limited, London, England. Pipe joint. 1,899,695; Feb. 28.
- Johnson, Percy W., Albany, N. Y. Bumper. 1,915,231; June 20.
- Johnson, Philip B., Douglas, N. Dak. Chicken mites and lice trap. 1,914,022; June 13.
- Johnson Pressed Gear Co. (See Sharp, Allen W., assignor.)
- Johnson, Ralph L., assignor of one-fourth to H. T. Cooke, Los Angeles, Calif. Doorstop. 1,937,085; Nov. 28.
- Johnson, Raymond, Brooklyn, N. Y., and C. T. Siebs, Nutley, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 1,922,686; Aug. 15.
- Johnson, Raymond A., assignor, by mesne assignments, to Gena Scarbrough, Dallas, Tex. Casting bearing elements. 1,939,982; Dec. 19.
- Johnson, Raymond L. (See Grieco, Michael A., assignor.)
- Johnson, Reginald S. (See McEachron, E. J., and Johnson.)
- Johnson, Reinhold, Brooklyn, N. Y. Carburetor. 1,940,801; Dec. 26.
- Johnson, Richard P., Long Beach, Calif. Dispensing device. 1,917,976; July 11.
- Johnson, Roy W. (See Gauger, F. A., and Johnson.)
- Johnson, Roy W. (See Gauger, F. A., Johnson, and Neuser.)
- Johnson, Roy W., Milwaukee, Wis. Induction motor. 1,934,981; Nov. 14.
- Johnson, Roy W., Milwaukee, Wis., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switch for use with heaters. 1,902,451; Mar. 21.
- Johnson, Roy W., Milwaukee, Wis., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic switch. 1,902,452; Mar. 21.
- Johnson, Roy W., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety relief valve for hot water heating systems. 1,927,036; Sept. 19.
- Johnson, S. C. & Son. (See Beach, Chester H., assignor.)
- Johnson, Samuel J., assignor to The Seinsheimer Paper Company, Cincinnati, Ohio. Sock form. 1,924,933; Aug. 29.
- Johnson Service Company. (See Otto, Arthur J., assignor.)
- Johnson Service Company. (See Otto, A. J. and C. A., assignors.)
- Johnson Service Company. (See Otto, Carl A., assignor.)
- Johnson Service Company. (See Ward, Oscar G., assignor.)
- Johnson, Sigfrid W., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Display rack. 1,915,496; June 27.
- Johnson, Stanley G., assignor to Pratt & Whitney Company, Hartford, Conn. Setting device for screw-thread gauge. 1,930,558; Oct. 17.
- Johnson, Stanley J., assignor to Neon Process, Incorporated, Cleveland, Ohio. Luminous tube. 1,893,085; Jan. 3.
- Johnson, Stephen, Jr., and S. Vorech, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Switch. 1,925,762; Sept. 5.
- Johnson, Stephens and Shinkle Shoe Company. (See Frost, Myron O., assignor.)
- Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
- Johnson, Sven A., Brooklyn, N. Y. Rotary plunger pump. 1,901,602; Mar. 14.
- Johnson, Sven A., Brooklyn, N. Y. Revolving plunger pump and compressor. 1,908,612; May 9.
- Johnson, Sylvester A., North Providence, assignor to A. E. R. Speidel, Edgewood, R. I. Elastic bracelet chain. 1,937,700; Dec. 5.
- Johnson, Theodore, assignor to Johnson Metal Products Co., Erie, Pa. Casement window. 1,898,543; Feb. 21.
- Johnson, Theodore, assignor to Johnson Metal Products Company, Erie, Pa. Casement window operator. 1,924,557; Aug. 29.
- Johnson, Thomas J., Flint, Mich. Gaining head. 1,903,002; Mar. 28.
- Johnson, Tomlinson F., Atlanta, Ga. Switch. 1,893,415; Jan. 3.
- Johnson, Tomlinson F., Atlanta, Ga. Connector. 1,901,990; Mar. 14.
- Johnson, Tomlinson F., jr., Atlanta, Ga. High tension switch jaw assembly. 1,914,777; June 20.
- Johnson, Tomlinson F., Atlanta, Ga. Connector. 1,934,126; Nov. 7.
- Johnson, Verne L., Long Beach, Calif. Tubing protector and guide. 1,907,825; May 9.
- Johnson, Vernon W., Wilkes-Barre, Pa. Wrecking car. 1,941,400; Dec. 26.
- Johnson, W. H., & Son Co. (See Shirley, Richard A., assignor.)
- Johnson, W. N., Automobile Sheet Metal Works. (See Scott, Elisha H., assignor.)
- Johnson, Wallace C. (See Davis, M. W., and Johnson.)
- Johnson, Walter, assignor of one-half to C. E. Perkins, Mount Dora, Fla. Puzzle. 1,918,754; July 18.
- Johnson, Walter J., et al. (See Mitchell, James A., assignor.)
- Johnson, Walter J., Evanston, and A. L. Johnson, Oak Park, Ill. Chair back or rest. Re18,913; Aug. 8.
- Johnson, Walter J., Evanston, assignor to Johnson Chair Company, Chicago, Ill. Furniture buffer. 1,935,718; Nov. 21.
- Johnson, Walter R., Suffern, N. Y. Combination hall tree. Des. 90,443; Aug. 8.
- Johnson, Warren, New Orleans, La. Pavement and paving unit. 1,916,620; July 4.
- Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company, Flywheel. 1,902,505; Mar. 21.
- Johnson, Will R., Stockton, assignor to Richmond-Chase Company, San Jose, Calif. Distributor for grading machines. 1,918,398; July 18.
- Johnson, Will R., Stockton, assignor to Richmond-Chase Company, San Jose, Calif. Asparagus grading machine. 1,927,405; Sept. 19.
- Johnson, Willard M., assignor to Conditionaire Company, Kansas City, Mo. Air conditioning device. 1,933,330; Oct. 31.
- Johnson, William G. (See Kyle, William D., and Johnson.)
- Johnson, William G., Milwaukee, Wis. Scotch marine boiler construction. 1,903,313; Apr. 4.
- Johnson, William H., Arlington, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nail strip feeder. 1,936,940; Nov. 28.
- Johnson, William H., Cranston, R. I., assignor to Weskenson Corporation. Speed change device. 1,938,594; Dec. 12.
- Johnson, William J., Dayton, Ohio. Mechanical movement. 1,932,411; Oct. 31.
- Johnson, William L., Indianapolis, Ind. Automatic spigot or faucet. 1,915,739; June 27.
- Johnson, William P., Des Moines, Iowa. Tub support. 1,918,604; July 18.
- Johnson, William T., et al. (See Mitchell, James A., assignor.)

- Johnson, William W., Des Moines, Iowa. Farm boat. 1,929,819; Oct. 10.
- Johnsson, Emil T., Chicago, Ill. Controlling apparatus. 1,903,459; Apr. 11.
- Johnsson, Emil T., Chicago, Ill. Regulating apparatus. 1,925,836; Sept. 5.
- Johnston, Alan C., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Separating terpene compounds from gasoline used for extracting rosin from wood. 1,896,793; Feb. 7.
- Johnston, Alan C., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Producing esters of resin acids. 1,924,934; Aug. 29.
- Johnston, Alex J. (See McGee, Edgar I., assignor.)
- Johnston, Allan T., Mount Lebanon, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,908,761; May 16.
- Johnston, Arthur J., Aldan, Pa., assignor to General Electric Company. Totalizing system. 1,935,450; Nov. 14.
- Johnston, Charles H., Steubenville, Ohio. Safety lock. 1,894,177; Jan. 10.
- Johnston, Charles S., Glencoe, Ill. Car side frame. 1,935,360; Nov. 14.
- Johnston, Charles W., Portsmouth, Va., assignor to Virginia Smelting Company, Portland, Maine. Recovering metals and metallic oxides. 1,919,947; July 25.
- Johnston, Clarence L. (See McKee, J. A., and Johnston.)
- Johnston, Clarence L., Hillsborough, and M. M. Cohn, Los Gatos, Calif. Record sheet. 1,922,736; Aug. 15.
- Johnston, Clarence L., Burlingame, Calif. Carbon paper container and actuating mechanism. 1,938,106; Dec. 5.
- Johnston, David R., assignor to Fisher Body Corporation, Detroit, Mich. Polishing tool. 1,897,971; Feb. 14.
- Johnston, Edgar C., and J. F. Fowler, Jr., Longview, Tex. Cut-off valve for drill stems. 1,908,762; May 16.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Tapered roller bearing. 1,894,099; Jan. 10.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Cotton picking mechanism. 1,926,337; Sept. 12.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Plant lifter for cotton harvesters. 1,926,338; Sept. 12.
- Johnston, Edward A., Chicago, and D. B. Baker, Riverside, Ill., assignors to International & Harvester Company. Track type tractor. 1,932,108; Oct. 24.
- Johnston, Edward A., Chicago, Ill., assignor to International Harvester Company. Equalizer connection for track laying tractors. 1,941,011; Dec. 26.
- Johnston, Edward J., Lockport, N. Y. Sizing composition for paper or the like. 1,929,115; Oct. 3.
- Johnston, Francis F., Brooklyn, assignor to Phosphate Recovery Corporation, New York, N. Y. Ore concentration. 1,927,939; Sept. 26.
- Johnston, George W., and S. Muchnik, St. Joseph, Mo.; said Johnston assignor to said Muchnik. Sled brake. 1,901,302; Mar. 14.
- Johnston, Greenhow, Glen Allen, assignor of one-half to G. Maury, Jr., Richmond, Va. Machine gun mount and locking device therefor. 1,919,223; July 25.
- Johnston, Herbert L., and D. A. Meeker, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 1,902,506; Mar. 21.
- Johnston, Herbert L., and D. A. Meeker, assignors, by mesne assignments, to The Kitchen Aid Manufacturing Company, Troy, Ohio. Food handling apparatus. 1,908,153; May 9.
- Johnston, Horace G., Corsicana, Tex. Well drilling rotary. 1,902,242; Mar. 21.
- Johnston, Howard H., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,907,974; May 9.
- Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Device for distributing fertilizer, seed or like material. 1,929,386; Oct. 3.
- Johnston, James W., assignor to Lacene Manufacturing Company, Manchester, N. H. Grading machine. 1,905,174; Apr. 25.
- Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 1,939,626; Dec. 12.
- Johnston, John, Short Hills, N. J., and H. C. Lee, Maple Grove, Ohio, assignors to United States Steel Corporation, New York, N. Y. Treating slags. 1,937,039; Nov. 28.
- Johnston, John A., Provo, assignor to Utah Poultry Producers Cooperative Association, Salt Lake City, Utah. Trap nest. 1,910,291; May 23.
- Johnston, John F. (See Brown, Nat E., assignor.)
- Johnston, Joseph. (See Shaw, J. F., Donnelly, Smart, and Johnston.)
- Johnston, Joseph H. (See Anthony, Rolle A., assignor.)
- Johnston, Lemuel M., Parco, Wyo. Producing a carbonized fuel briquette. 1,903,237; Mar. 28.
- Johnston, Leroy O., assignor to General Motors Corporation, Detroit, Mich. Making yoke ends. 1,925,721; Sept. 5.
- Johnston, Lewis H., Cazenovia, Wis. Hand power pulling machine. 1,926,101; Sept. 12.
- Johnston, Mordica O., Glendale, assignor of one-third to G. M. Jones, and one-third to F. C. Van Deinse, Los Angeles, Calif. Oil well testing device. 1,901,813; Mar. 14.
- Johnston, Norris, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Well survey instrument. 1,928,970; Oct. 3.
- Johnston, Philip J., Schenectady, N. Y., assignor to General Electric Company. Liquid pressure measuring apparatus. 1,923,731; Aug. 22.
- Johnston, Robert S., Yardley, Pa., assignor to J. A. Roebeling's Sons Company, Trenton, N. J. Coated welding electrode. 1,937,574; Dec. 5.
- Johnston, Robert T., Plainfield, N. J., assignor to H. R. Johns, New York, N. Y. Shingle roof. 1,923,002; Aug. 15.
- Johnston, Sterling. (See Jones, J., and Johnston.)
- Johnston Tool & Die Co. (See Jaffe, Harry, assignor.)
- Johnston, Walter S., Blue Island, Ill., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Treating shingles. 1,892,672; Jan. 3.
- Johnston, William F. (See Davis, E. H., and Johnston.)
- Johnstone, James O., East Chicago, Ind., assignor to The Glidden Company, Cleveland, Ohio. Refining impure lead bullion. 1,927,662; Sept. 19.
- Johnstone, James O., Hammond, Ind., assignor to Chemical & Pigment Co., Inc. Battery paste extender and making same. 1,929,357; Oct. 3.
- Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting device. 1,895,852; Jan. 31.
- Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting device. 1,900,183; Mar. 7.
- Johnstone, Robert McC., Short Hills, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Ejecting and delivery device for winding machines. 1,926,774; Sept. 12.
- Johnstone, Samuel, assignor of one-half to F. H. Herman, Alhambra, Calif. Arch supporting device for footwear. 1,896,586; Feb. 7.
- Johnstone, Winters S., assignor, by mesne assignments, to Packard Electric Corporation, Warren, Ohio. Electric cable and preparing the same. 1,931,610; Oct. 24.
- Joiner, Sylvester L., Sweetwater, Tex. Cross coupler draft key retainer. 1,918,107; July 11.
- Joiner, Sylvester L., Sweetwater, Tex., assignor of one-third, to Alexander S. Kendrick and one-third to Walter W. Davis, Sweetwater, Tex. Attachment to air brake pressure retaining valves. 1,898,250; Feb. 21.
- Jolas, Franz, Cologne, Germany. Heating plate. 1,897,197; Feb. 14.
- Jolidon, Charles J., Hartford, Conn. Firearm. 1,896,820; Feb. 7.
- Jolivet, Jacques. (See Jolivet, Pierre, and J.)
- Jolivet, Pierre and J., Maison-Carree, Alger, France. Security device for battery ignition circuits. 1,921,974; Aug. 8.
- Jolly, Edward M., and C. C. Swoope, Baton Rouge, La., assignors to Standard Oil Development Company. Treating synthetic oils. 1,934,068; Nov. 7.
- Jonas, Edward, New York, N. Y., assignor to Universal Home Specialties, Inc., Philadelphia, Pa. Shade bracket. 1,924,362; Aug. 29.
- Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Company, Brooklyn, N. Y. Reinforced envelope. 1,909,683; May 16.
- Jonas, Gottfried B., assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 1,927,456; Sept. 19.
- Jonas, Julius. (See Gaudenzi, A., and Jonas.)
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system. 1,903,001; Mar. 28.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Protective system. 1,906,468; May 2.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric arc furnace. 1,913,161; June 6.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Suppressing ground currents in polyphase high voltage networks. 1,932,973; Oct. 31.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifier control system. 1,933,856; Nov. 7.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric line protective system. 1,934,229; Nov. 7.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Arcing frequency changing system. 1,934,230; Nov. 7.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Rectifier control system. 1,934,231; Nov. 7.
- Jonas, Julius, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Frequency changing system. 1,935,227; Nov. 14.
- Jones, Aaron C. (See Urquhart, G. G., and Jones.)
- Jones, Albert E., Westville, N. J., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Carton. 1,915,673; June 27.
- Jones, Albert E., assignor to The Whitehead To-pedo Company, Limited, Westminster, England. Gyroscope. 1,940,499; Dec. 19.
- Jones, Albert F., Salem, Mass., assignor to The Turner Tanning Machinery Company, Portland, Me. Grain-ing machine. 1,895,512; Jan. 31.

- Jones, Albert H., Mount Vernon, N. Y. Pouring stopper for ink bottles and the like. 1,913,393; June 13.
- Jones, Albert M., Oakland, Calif. Seed harvesting machine. 1,926,388; Sept. 12.
- Jones, Albert M., Oakland, Calif. Harvesting lettuce seed. 1,931,471; Oct. 17.
- Jones, Amy T. (See Jones, George F., assignor.)
- Jones, Archdale J., New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,897,982; Feb. 14.
- Jones, Arthur A., Chino, Calif. Signal switch for automobiles. 1,897,906; Feb. 14.
- Jones, Arthur E. (See Kerr, P. W., and Jones.)
- Jones, Arthur E., assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Manufacture of shower bath receptors. 1,928,788; Oct. 3.
- Jones, Arthur E., assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Shower bath cabinet. 1,933,857; Nov. 7.
- Jones, Arthur E., Elkhart, Ind., and H. H. Lewis, Atchison, Kans., assignors to Henry Weis Manufacturing Company, Inc. Hinge. 1,920,509; Aug. 1.
- Jones, Arthur J., Iron Mountain, Mich. Beneficiation of ores. 1,937,822; Dec. 5.
- Jones, Barton, Los Angeles, Calif. Automatic regulator. 1,934,982; Nov. 14.
- Jones, Benjamin L. (See Mayland, E. R., and Jones.)
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Motor starter. 1,905,720; Apr. 25.
- Jones, Berton W., Fort Collins, Colo. Parquet flooring. 1,929,871; Oct. 10.
- Jones Bros. Asbestos Co. (See Axlund, Andrew E., assignor.)
- Jones, Byron Q., Washington, D. C. Wind indicating airways beacon. 1,915,319; June 27.
- Jones, Cadwalader, Ashland, Ky., assignor of one-half to John M. Thomas, Milwaukee, Wis. Portable conveyer. 1,937,198; Nov. 28.
- Jones, Caradoc R., and F. Griffin, Cleveland, Ohio. Liquid-measuring device. 1,930,618; Oct. 17.
- Jones, Carl H., Oak Park, and W. H. Kretlow, assignors to Wm. J. Stange Co., Chicago, Ill. Method and material for applying water soluble colors to fatty foodstuffs. 1,919,025; July 18.
- Jones, Carl P., Grass Valley, Calif. Surgical splint. 1,914,691; June 20.
- Jones, Carl P., Grass Valley, Calif. Surgical splint. 1,939,779; Dec. 19.
- Jones, Charles A., Campbell, Calif. Bird cage and utility hanger. 1,902,241; Mar. 21.
- Jones, Charles L., Pittsburgh, Pa. Permeable metal and making the same. 1,893,350; Jan. 3.
- Jones, Charles L., Pittsburgh, Pa., and J. D. Small, assignors to Dryice Corporation of America, New York, N. Y. Solid carbon dioxide product and method of and apparatus for making it. 1,927,173; Sept. 19.
- Jones, Charles R. (See Jones, Hal L. and C. R.)
- Jones, Charles S. (See Hoffman, Benjamin P., assignor.)
- Jones, Charles T., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Treadle mechanism. 1,911,693; May 30.
- Jones, Charles W. (See Stoll, F. C., and Jones.)
- Jones Chemical Company. (See Jones, Coulter W., assignor.)
- Jones, Clarence M., Tulsa, Okla. Tube cap. 1,913,807; June 13.
- Jones, Clarence O., Norfolk, Va. Tool. 1,897,700; Feb. 14.
- Jones, Claudius V., assignor of one-half to H. C. Ferguson, Jackson, Miss. Cotton chopper and cultivator. 1,899,806; Feb. 28.
- Jones, Clemente. (See Frias, P. J., Jones, and Cheru.)
- Jones, Coulter W., Shreveport, assignor to Jones Chemical Company, McDade, La. Treating brines. 1,893,744; Jan. 10.
- Jones, Coulter W., Shreveport, assignor to Jones Chemical Company, Inc., McDade, La. Purifying iodine. 1,895,929; Jan. 31.
- Jones, Coulter W., Shreveport, assignor to Jones Chemical Company, McDade, La. Recovering iodine. 1,907,975; May 9.
- Jones, Coulter W., Shreveport, assignor to Jones Chemical Company, Inc., McDade, La. Recovering bromine and iodine conjointly. 1,927,663; Sept. 19.
- Jones, Coulter W., Shreveport, assignor to Jones Chemical Company, Inc., McDade, La. Preparation of pure iodine. 1,936,553; Nov. 21.
- Jones, Coulter W., Midland, Mich., assignor to Jones Chemical Company, Incorporated, McDade, La. Extracting iodine from aqueous solutions. 1,918,039; July 11.
- Jones, Cyrus F. (See Jones, Roland B. and C. F.)
- Jones-Dabney Co. (See Crystler, Frank M., assignor.)
- Jones, Daniel L., Norridgewock, Maine. Heat deflector. 1,934,127; Nov. 7.
- Jones, David, Detroit, Mich. Magnetic work-holding device. 1,895,129; Jan. 24.
- Jones, David T., and F. J. Moore, Saltcoats, Scotland, assignors to E. I. du Pont de Nemours and Co., Wilmington, Del. Manufacture of electric detonators, percussion caps, and like articles. 1,904,240; Apr. 18.
- Jones, Dolphus E., assignor of one-half to H. A. Gassaway, Seminole, Okla. Tire valve. 1,896,708; Feb. 7.
- Jones, Don F., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 1,923,931; Aug. 22.
- Jones, Earl P., assignor to Gate City Sash & Door Company, Fort Lauderdale, Fla. Louver construction. 1,914,571; June 20.
- Jones, Earl R. (See Hummel, W. A., and Jones.)
- Jones, Edward S., Columbus, Ind. Shaving brush. 1,920,398; Aug. 1.
- Jones, Edwin A., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Gas furnace. 1,927,174; Sept. 19.
- Jones, Edwin B., Elmira, N. Y. Signal. 1,896,314; Feb. 7.
- Jones, Elbert A., Oakland, Calif. Golf ball marker. 1,921,571; Aug. 8.
- Jones, Ellis L. (See Stanley, I., and Jones.)
- Jones, Ellis L., Long Island City, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Receptacle making apparatus. 1,916,981; July 4.
- Jones, Ellis L., Long Island City, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Receptacle making apparatus. 1,917,374; July 11.
- Jones, Ellis L., Long Island City, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Receptacle filling and closing apparatus, and means and method of forming and applying a seal to closed receptacles. 1,939,704; Dec. 19.
- Jones, Elmer H., South Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Flame arrester and safety relief for vapor lines. 1,907,976; May 9.
- Jones, Elmer M. (See Fuller, Homer H., and Jones.)
- Jones, Elmer M., assignor to Parker Rust-Proof Company, Detroit, Mich. Chromium plating. 1,918,605; July 18.
- Jones, Elmore D., et al. (See Jones, Winfield S., assignor.)
- Jones, Emory E., assignor to Winding Gulf Collieries, Bluefield, W. Va. Coal briquetting equipment. 1,900,347; Mar. 7.
- Jones, Emory E., and J. L. Knight, assignors to Winding Gulf Collieries, Bluefield, W. Va. Proportioner. 1,929,693; Oct. 10.
- Jones, Ernest F., London, England. Production of hollow ingots. 1,938,257; Dec. 5.
- Jones, Ernest M., Kansas City, Mo. Foot corrector. 1,926,389; Sept. 12.
- Jones, Frank A., University City, Mo., assignor to Shell Petroleum Corporation. Vehicle trailer tank. 1,900,114; Mar. 7.
- Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hay loader. 1,907,071; May 2.
- Jones, Frank E., Santa Ana, Calif. Sanitary automatic poultry fountain. 1,894,563; Jan. 17.
- Jones, Frank H., Boise, Idaho. Spring suspension for vehicles. 1,918,755; July 18.
- Jones, Frank N., Chicago, Ill. Interchangeable holding member for projection machines. 1,901,245; Mar. 14.
- Jones, Frank S., Philadelphia, Pa. Piston cylinder. 1,894,043; Jan. 10.
- Jones, Fred A., assignor to Jones and Hartman, Inc., Canton, Ohio. Rotary drying apparatus. 1,910,607; May 23.
- Jones, Fred C., and R. W. Funk, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Babbitt lined journal bearing shell. 1,932,787; Oct. 31.
- Jones, Fred C., and R. W. Funk, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming flanged bearings and the like. 1,940,754; Dec. 26.
- Jones, Frederick A. (See Twiss, D. F., and Jones.)
- Jones, Frederick A. (See Twiss, D. F., Jones, and Anderson.)
- Jones, Frederick A., Fort Lauderdale, Fla. Shutter awning. 1,938,525; Dec. 5.
- Jones, Gaither M. (See Bentley, J. G., Robert A., jr., and F. O. Gibbs, and Jones.)
- Jones, George F., Jeannette, assignor to Amy T. Jones, Greensburg, Pa. Toy vehicle. 1,910,018; May 23.
- Jones, George L. (See Perry, W. M., and Jones.)
- Jones, George L., Garden City, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector car. 1,922,019; Aug. 8.
- Jones, George L., Garden City, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector car. 1,937,760; Dec. 5.
- Jones, Gilson M., et al. (See Johnston, Mordica O., assignor.)
- Jones, Glenn M. (See Lantinberg, D., and Jones.)
- Jones, Grinnell, Cambridge, and A. F. York, Winchester, Mass., assignors to Sternau & Company, Inc., New York, N. Y. Fuel. 1,934,860; Nov. 14.
- Jones, H. B. (See Urbain, Leon F., assignor.)
- Jones, Hal L. and C. R., Joplin, Mo. Rotatable display equipment. 1,936,132; Nov. 21.
- Jones, Harrie, et al. (See Oster, C. B., and Rainey, assignors.)
- Jones, Harrison T., and R. McElroy, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Bracing apparatus. 1,925,837; Sept. 5.
- Jones, Harry A., Chicago, Ill. Leveling device. 1,915,320; June 27.

- Jones, Harry B., Enosburg Falls, Vt. Float. 1,927,124; Sept. 19.
- Jones, Harry C., New York, N. Y. Combined motor and manual adjusting means for photoprinting frames. 1,907,072; May 2.
- Jones, Harry C., New York, N. Y. Machine for making photographic contact prints. 1,914,130; June 13.
- Jones, Harry C., New York, N. Y. Photo-composing machine. 1,920,399; Aug. 1.
- Jones, Harry C., New York, N. Y. Making registered prints. 1,920,400; Aug. 1.
- Jones, Harry R., Brooklyn, N. Y. Handball glove. 1,922,095; Aug. 15.
- Jones, Harry W., Webster Groves, Mo., assignor to Sanford Investment Company, Wilmington, Del. Railway car. 1,903,509; Apr. 11.
- Jones and Hartman, Inc. (See Jones, Fred A., assignor.)
- Jones, Henry, et al. (See Jones, Jasper, assignor.)
- Jones, Henry A., Lynwood, assignor to Frank V. Long, Compton, Calif. trustee. Breather valve for tanks. 1,918,337; July 18.
- Jones, Hilton L., Wilmette, Ill. Treating textiles and composition used in the method. 1,921,926; Aug. 8.
- Jones, Homer W., Williamsville, N. Y., and H. G. Graubner, Lakewood, Ohio, assignors to National Carbon Company, Inc. Flashlight. 1,900,348; Mar. 7.
- Jones, Homer W., Jackson Heights, N. Y., assignor to National Carbon Company, Inc. Battery lantern. 1,909,278; May 16.
- Jones, Howard A., Cherrydale, Va., dedicated to the Government and the people of the United States of America. Insecticide and process for making the same. 1,928,256; Sept. 26.
- Jones, Howard A., Cherrydale, Va., dedicated to the Government and the people of the United States of America. Making an insecticide. 1,928,968; Oct. 3.
- Jones, Jacob R., Indianapolis, Ind. Folding and convertible table mechanism. 1,926,486; Sept. 12.
- Jones, James G., Jr. (See Heelan, Adelaide, assignor.)
- Jones, James I. M. (See Morton, J., Jones, Wylam, and Harris.)
- Jones, James L., Washington, D. C. Combination electric motor and compressor. 1,926,444; Sept. 12.
- Jones, James R. (See Gronberg, V. A., and Jones.)
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Shoe or foot for legs of furniture. 1,914,511; June 20.
- Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Cabinet and analogous device. 1,920,797; Aug. 1.
- Jones, Jasper, assignor of one-third to M. Jones and one-third to H. Jones, St. Louis, Mo. Window lock for limiting the opening distance of window sashes. 1,922,298; Aug. 15.
- Jones, John D., Portland, Oreg. Oiling loose pulleys or the like. 1,923,869; Aug. 22.
- Jones, John D., Portland, Oreg. Vertical bearing. 1,937,151; Nov. 28.
- Jones, John G. (See Dewey, H. G., and Jones.)
- Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Light tight photographic film cartridge. 1,900,879; Mar. 7.
- Jones, John L., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,922,134; Aug. 15.
- Jones, John L., Liverpool, England. Fastening device. 1,934,353; Nov. 7.
- Jones, John M., University City, assignor of one-half to G. H. Schaefer, St. Louis, Mo. Building shore. 1,933,116; Oct. 31.
- Jones, John T. (See Brewer, W. P., and Jones.)
- Jones, John T., Clifton, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y. Tabulating machine. 1,921,412; Aug. 8.
- Jones, Jonathan, and S. Johnston, Bethlehem, Pa., assignor to McClintic-Marshall Corporation. Floor construction or the like. 1,898,668; Feb. 21.
- Jones, Joseph O., assignor of one-half to Jacob L. Gregg, Kingsville, Tex. Shingle. 1,895,038; Jan. 24.
- Jones, Joseph S., Brooklyn, assignor, by mesne assignments, to Chas. Cory Corporation, New York, N. Y. Signal or alarm system. 1,927,744; Sept. 19.
- Jones, Joseph S., Oak Park, Ill., assignor to Consolidated Laundries Corporation, New York, N. Y. Laundering apparatus. 1,940,549; Dec. 19.
- Jones, Joshua J. (See Miller, S., and Jones.)
- Jones, Junius W., Washington, D. C. Aerial-navigation instrument. 1,930,478; Oct. 17.
- Jones & Lamson Machine Company. (See Beardsley, Robert O., assignor.)
- Jones & Lamson Machine Company. (See Bysshe, E. T., and Finn, assignors.)
- Jones & Lamson Machine Company. (See Flanders, Ralph E., assignor.)
- Jones & Lamson Machine Company. (See Lovely, John E., assignor.)
- Jones & Laughlin Steel Corporation. (See Free, John W., assignor.)
- Jones & Laughlin Steel Corporation. (See Free, J. W., and Anderson, assignors.)
- Jones & Laughlin Steel Corporation. (See Littler, Carl W., assignor.)
- Jones & Laughlin Steel Corporation. (See Ray, Edgar H., assignor.)
- Jones & Laughlin Steel Corporation. (See Rendleman, Norman C., assignor.)
- Jones, Laurence D. (See Mickey, B. D., and Jones.)
- Jones, Lemuel R., Petersburg, Va. Plastic product and producing same. 1,917,038; July 4.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Separation of immiscible liquids. 1,920,468; Aug. 1.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Wool scouring. 1,920,469; Aug. 1.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Separation of mixtures of water with oil. 1,920,565; Aug. 1.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Dewaxing of oil. 1,930,479; Oct. 17.
- Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 1,931,496; Oct. 24.
- Jones, Lester L., Oradell, N. J. Transformer. 1,901,368; Mar. 14.
- Jones, Lester L., Oradell, N. J. Soldering iron. 1,904,051; Apr. 18.
- Jones, Lester L., Oradell, N. J. Feed-back elimination in alternating current tube sets. 1,907,248; May 2.
- Jones, Lester L., Oradell, N. J. Phonograph. 1,909,768; May 16.
- Jones, Lester L., Oradell, N. J. Apparatus for suppressing interference in radio selector systems. 1,919,948; July 25.
- Jones, Lester L., Oradell, N. J. Airplane. 1,924,122; Aug. 29.
- Jones, Lester L., Oradell, N. J. Train-control system. 1,929,979; Oct. 10.
- Jones, Lester L., Oradell, N. J. Train-control system. 1,929,980; Oct. 10.
- Jones, Lester L., Oradell, N. J., and J. Yolles, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Radio circuits. 1,909,968; May 23.
- Jones, Lester L., Oradell, N. J., and T. E. Piazze, Brooklyn, assignors to Technidyne Corporation, New York, N. Y. Phonograph. 1,924,283; Aug. 29.
- Jones, Lloyd E., Santa Monica, assignor to Food Machinery Corporation, San Jose, Calif. Conveyer. 1,897,431; Feb. 14.
- Jones, Louis C., Greenwich, Conn., assignor to Chemical Engineering Corporation, New York, N. Y. Purifying the nitrogen-hydrogen mixture in the synthesis of ammonia. Re18,766; Mar. 14.
- Jones, Loyd A., and C. M. Tuttle, assignors to Eastman Kodak Company, Rochester, N. Y. Automatic control for photographic printing exposures. 1,908,610; May 9.
- Jones, Maldwyn, Crumpsall, and W. J. S. Naunton, Prestwich, England, assignors to Imperial Chemical Industries Limited. Vulcanization of rubber and rubber-like substances. 1,923,932; Aug. 22.
- Jones, Margaret, Milwaukee, Wis. Fly destroyer. 1,916,982; July 4.
- Jones, Marshall E., St. Cloud, Minn. Apparatus for producing curved-edged figures in relief in stone and the like. 1,930,170; Oct. 10.
- Jones, Marvin, et al. (See Jones, Jasper, assignor.)
- Jones Metal Products Company, The. (See McKay, John A., assignor.)
- Jones, Montgomery O., and W. P. Shomaker, Richmond, Va. Feeding mechanism. 1,894,044; Jan. 10.
- Jones, Norman C., assignor to Motor Owners Petrol Combine Limited, London, England. Producer gas generator. 1,907,388; May 2.
- Jones Oil Well Surveying Service, Ltd. (See Jones, Philip, assignor.)
- Jones, Oliver A., and J. A. Struthers, Bacchus, Utah. Synchronizer. 1,905,591; Apr. 25.
- Jones, Oscar V., assignor of three-eighths to F. E. Voorles, Dallas, Tex. Tong. 1,919,468; July 25.
- Jones, Paul, Whitman, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 1,924,158; Aug. 29.
- Jones, Paul A., Cincinnati, Ohio. Concrete form construction apparatus. 1,920,645; Aug. 1.
- Jones, Paul C. (See Semon, W. L., and Jones.)
- Jones, Paul C., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,919,726; July 25.
- Jones, Paul D., Drexel Hill, assignor to Boxboard Products Company, Philadelphia, Pa. Container. 1,913,597; June 13.
- Jones, Percival C. (See Millan, E. N., and Jones.)
- Jones, Philip, Los Angeles, Calif. assignor to Jones Oil Well Surveying Service, Ltd. Bore-hole surveying device. 1,919,332; July 25.
- Jones, R. A., & Company. (See Jones, Ruel A., assignor.)
- Jones, R. C., et al. (See Metz, Anthony J., assignor.)
- Jones, Ray W., and T. R. Miller, Hutchinson, Kans. Display advertising board. Dec. 9, 077; June 6.
- Jones Research Sound Products, Inc. (See Simpson, H. A., and Burhans, assignors.)
- Jones, Robert B., Providence, R. I. Indicating device. 1,912,984; June 6.
- Jones, Robert F. (See McKean, J. G., and Jones.)
- Jones, Robert W., Hartford, Conn., Ind. Door construction. 1,934,544; Nov. 7.
- Jones, Roland B., and C. F. Oregon, Ill. Amusement device. 1,938,701; Dec. 12.

- Jones, Roy S., assignor to Barber Manufacturing Co., Anderson, Ind. Spring construction. 1,915,674; June 27.
- Jones, Roy S., assignor to Barber Manufacturing Company, Anderson, Ind. Fixed size spring unit and forming same. 1,916,512; July 4.
- Jones, Roy S., assignor to Barber Manufacturing Co., Anderson, Ind. Spring construction. Re18,976; Oct. 24.
- Jones, Ruel A., assignor to R. A. Jones & Company, Inc., Covington, Ky. Carton loading machine. 1,935,269; Nov. 14.
- Jones, Russell C., Bronxville, and R. Colston, New Rochelle, assignors to The Griscom-Russell Company, New York, N. Y. Fin tubing. 1,921,927; Aug. 8.
- Jones, Russell C., Bronxville, and R. Colston, New Rochelle, assignors to The Griscom-Russell Company, New York, N. Y. Making finned tubing. 1,921,928; Aug. 8.
- Jones, Russell C., Bronxville, and R. Colston, New Rochelle, assignors to The Griscom-Russell Company, New York, N. Y. Apparatus for making finned tubing. 1,921,975; Aug. 8.
- Jones, Russell G., Jackson Heights, N. Y. Aircraft. 1,922,371; Aug. 15.
- Jones, Stephen, Leonia, N. J. Brake device. 1,895,996; Jan. 31.
- Jones, Thomas A. (See Brown, John L., assignor.)
- Jones, Thomas H., Woodthorpe, England. Knitting machine sinker. 1,901,751; Mar. 14.
- Jones, Thomas H., Woodthorpe, England. Knitted fabric and the production thereof. 1,910,921; May 23.
- Jones, Thomas P., Johannesburg, Transvaal, Union of South Africa. Safety razor. 1,923,673; Aug. 22.
- Jones, Tilman M., Huntington Park, Calif. Dispensing device. 1,916,513; July 4.
- Jones, W. Bartlett, trustee. (See Guest, Miriam I., assignor.)
- Jones, W. Bartlett, Chicago, Ill. Sponge applicator. 1,909,966; May 23.
- Jones, W. Bartlett, Chicago, Ill. Control for variable devices. 1,931,543; Oct. 24.
- Jones, Walter L., East Tawas, Mich. Antiskid device. 1,903,460; Apr. 11.
- Jones, Watkin W., Portland, Oreg. Stoker. 1,939,854; Dec. 19.
- Jones, Webster N., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and making same. 1,941,012; Dec. 26.
- Jones, William, Arlington, Mass. Frame and door. 1,927,037; Sept. 19.
- Jones, William A. (See Jacobs, D. S., and Jones.)
- Jones, William A. (See Kerr, H. J., and Jones.)
- Jones, William A., West New Brighton, N. Y. Superheater steam boiler. 1,927,892; Sept. 26.
- Jones, William A., West New Brighton, N. Y. Adjustable boiler superheater. 1,929,532; Oct. 10.
- Jones, William A., Westerleigh, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Safety valve. 1,894,955; Jan. 24.
- Jones, William A., Westerleigh, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Furnace and boiler. 1,904,466; Apr. 18.
- Jones, William A., Westerleigh, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheater. 1,927,094; Sept. 19.
- Jones, William A., Westerleigh, N. Y., assignor to Fuller Lehigh Company, Fullerton, Pa. Water-tube boiler. 1,929,891; Oct. 10.
- Jones, William A., West New Brighton, N. Y. Multiple stage steam turbine. 1,935,451; Nov. 14.
- Jones, William A., West New Brighton, N. Y., and J. Prentice, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Making heat exchangers. 1,908,363; May 9.
- Jones, William H., Wallasey England. Box tool for automatic, and turret or capstan lathes or machines. 1,895,191; Jan. 24.
- Jones, William L., Oakland, Calif. Vaginal syringe and swab. 1,909,967; May 23.
- Jones, William O., Abilene, Tex. Apparatus for sprouting and growing green feed for poultry and hogs. 1,909,403; May 16.
- Jones, William S. (See Christiansen, W. G., and Jones.)
- Jones, William S. (See Christiansen, W. G., Jones, and Moness.)
- Jones, William S., and W. Braker, assignors to E. R. Squibb & Sons, Brooklyn, N. Y. 2-carboxy-5-amino-diphenyl. 1,922,205; Aug. 15.
- Jones, William S., and W. Braker, assignors to E. R. Squibb & Sons, Brooklyn, N. Y. 2-carboxy-5-nitro-diphenyl. 1,922,206; Aug. 15.
- Jones, William S., and W. Braker, assignors to E. R. Squibb & Sons, Brooklyn, N. Y. 2-cyano-5-nitro diphenyl. 1,922,207; Aug. 15.
- Jones, William T., Waban, assignor to Barnes & Jones, Incorporated, Jamaica Plain, Mass. Thermostatic valve. 1,911,230; May 30.
- Jones, William W. (See Malvern, E. N., Clary, and Jones.)
- Jones, William W., Yonkers, N. Y., assignor to Radio Corporation of America. Optical testing device. 1,931,659; Oct. 24.
- Jones, Winfield S., assignor of three-eighths to E. D. Jones, and one-fourth to Charles E. Munn, Long Beach, Calif. Pine cutter. 1,899,390; Feb. 28.
- Jones, Zilman B. (See Lierman, W. A., and Jones.)
- Jongedyk, Ralph, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 1,904,864; Apr. 18.
- Jonker, Johan L. H. (See de Boer, J. H., Jonker, and van Gessel.)
- Jonkhoff, Henri W., Dusseldorf, Germany. Tubular shaft coupling. 1,918,108; July 11.
- Jonkhoff, Henry W., Dusseldorf, Germany. Bogie construction. 1,930,619; Oct. 17.
- Jonson, Gustave W., Beverly Hills, and A. Grebe, Los Angeles, assignors to Mitchell Camera Corporation, West Hollywood, Calif. Adjustable mat for optical instruments. 1,921,191; Aug. 8.
- Jönsson, Anders, Halsingborg, Sweden. Radiator attachment for bathtubs. 1,927,745; Sept. 19.
- Jonsson, Anders J., Linköping, Sweden. Capping machine for bottles and the like. 1,909,542; May 16.
- Jonsson, Arvas & Co. (See Jonsson, Jonas, assignor.)
- Jonsson, Augustinus E., Daltorp, Lidings, Sweden. Straining arrangement in vacuum drying apparatus. 1,915,537; June 27.
- Jonsson, Jonas, Stockholm, Sweden. Production of wood fiber mass. 1,936,843; Nov. 28.
- Jonsson, Jonas, assignor to Jonsson, Arvas & Co., Stockholm, Sweden. Transport wagon, especially for railways. 1,934,929; Nov. 14.
- Jonsson, Sven M., Woodside, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend Ind. Separating means for disks of friction brakes. 1,933,176; Oct. 31.
- Jontzen, Frank J. (See Pazourek, L., and Kerckhoff, assignors.)
- Jopson, William G., assignor to C. A. Reed Company, Williamsport, Pa. Paper article and making it. 1,929,924; Oct. 10.
- Jordahl, Anders, New York, N. Y., assignor to American Air Filter Company, Inc., Louisville, Ky. Cleaning air filters. 1,913,885; June 13.
- Jordan, Amzie E., Beloit, Kans. Apparatus for inflating and testing the air pressure in pneumatic tires. 1,915,161; June 20.
- Jordan, Andreas, Dresden, Germany. Grindstone for grinding wood pulp. 1,936,023; Nov. 21.
- Jordan, Arthur D. (See Cowen, R., and Jordan.)
- Jordan, Arthur E., Bemidji, Minn. Attachment for linotype or intertype machines. 1,937,228; Nov. 28.
- Jordan, Christopher L., Belmont, Calif. Road scraper. 1,911,511; May 30.
- Jordan, Claude. (See Conley, R. A., and Jordan.)
- Jordan, Hans. (See Scheeller, W., Jordan, and Clerc.)
- Jordan, Harold H., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Composition of matter and making the same. 1,941,437; Dec. 26.
- Jordan, Henry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Trisazo dye and preparing the same. 1,906,754; May 2.
- Jordan, Henry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azu dye and making same. 1,908,154; May 9.
- Jordan, Henry, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dye and its preparation. 1,940,683; Dec. 26.
- Jordan, Henry, Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Trisazo dyestuff. 1,938,182; Dec. 5.
- Jordan, Henry F., Lansdale, Pa. Combination hat. 1,902,080; Mar. 21.
- Jordan, Hugh A., assignor to M. L. Dodge, Newburyport, Mass. Counter stiffener and forming it. 1,903,050; Mar. 28.
- Jordan, Isaac N., and W. F. Lusk, assignors to Armour and Company, Chicago, Ill. Smudge producing apparatus. 1,939,265; Dec. 12.
- Jordan, John J., New York, N. Y. Smoker's stand. 1,909,543; May 16.
- Jordan, Kathryn S., New York, N. Y. Cap veil. 1,933,477; Oct. 31.
- Jordan, Lavern J., Cleveland, Ohio, assignor, by mesne assignments, to Whitin Machine Works, Whitesville, Mass. Locking device for bobbin caps. 1,898,131; Feb. 21.
- Jordan, Otto. (See Weihe, A., Jordan, and Kollek.)
- Jordan, Otto, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of lacquers, artificial masses and solutions of their constituents. 1,919,727; July 25.
- Jordan, Samuel J., Columbus, assignor to Bibb Manufacturing Company, Macon, Ga. Lap machine. 1,910,107; May 23.
- Jordan, Stroud, Brooklyn, assignor to Ross and Rowe, Inc., New York, N. Y. Bakery product and producing the same. 1,936,718; Nov. 28.
- Jordan, Warren D., East Weymouth, assignor to C. P. Wellman, West Medford, Mass. Mechanism for folding and gluing receptacles. 1,907,977; May 9.
- Jordan, William H. (See White, Fred G., assignor.)
- Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Folding cylinder. 1,900,288; Mar. 7.
- Jordon, Neubury L., Princeton, N. J. Handle support. 1,901,166; Mar. 14.

- Jordan, O. F., Company. (See Forbes, J. C., and Banton, assignors.)
- Jörg, Paul. (See Hoffa, E., and Jörg.)
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for supplying fastenings. 1,920,260; Aug. 1.
- Jorgensen, Bernhardt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener separating mechanism. 1,931,611; Oct. 24.
- Jorgensen, Clarence H. (See Jorgensen, Peter J. and C. H.)
- Jorgensen, Hans G., assignor to Jorgensen Specialty Company, Erie, Pa. Resilient buffer. 1,915,249; June 20.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 1,896,121; Feb. 7.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for inserting fastenings. 1,901,167; Mar. 14.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening supplying mechanisms. 1,933,594; Nov. 7.
- Jorgensen, John, Bridgeport, Conn. Grinding fixture for thread cutting tool bits. 1,908,155; May 9.
- Jorgensen, Martin J., Frederiksberg, near Copenhagen, Denmark. Heel for boots or shoes. Re18,959; Sept. 26.
- Jorgensen, Peter J. and C. H., Chicago, Ill. Thermostatic controlling device. 1,902,858; Mar. 28.
- Jorgensen Specialty Company. (See Jorgensen, Hans G., assignor.)
- Jorgenson, Alfred R., Chicago, and R. O. Moody, La Grange, Ill. Ticket punch. 1,909,360; May 16.
- Jorgenson, Alfred R., Chicago, and R. O. Moody, La Grange, Ill. Railroad ticket. 1,917,720; July 11.
- Jorgenson, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 1,911,449; May 30.
- Jorss, Karl F., assignor to Crittall Manufacturing Co., Inc., Washington, D. C. Casement screen and the like. 1,940,055; Dec. 19.
- Jose, Robert B., Everett, Wash. Compressed-air driven vehicle. 1,932,698; Oct. 31.
- Joseph, Arthur L. (See D'Ippolito, John B., assignor.)
- Joseph, John F., Cincinnati, assignor to The Cincinnati Rubber Manufacturing Company, Norwood, Ohio. Suction press roll for paper making machinery. 1,895,039; Jan. 24.
- Joseph, John J. (See Waggoner, F. H., and Josephs.)
- Joseph, Norbert G. (See Pease, O. E., and Joseph.)
- Joseph, Rudolph J., New York, N. Y. Fountain toothbrush. 1,902,859; Mar. 28.
- Joseph, Walter. (See Lewis, B., and Joseph.)
- Josephs, Henry, New York, N. Y. Shoe horn. Des. 90,286; July 11.
- Josephsen, Joseph A., Arcadia, Calif. Power transmitting apparatus. 1,924,941; Aug. 29.
- Josephson, Walter S., assignor to Dryice Corporation of America, New York, N. Y. Refrigerator unit. 1,914,023; June 13.
- Josephson, Walter S., Brooklyn, assignor to Dryice Corporation of America, New York, N. Y. Container for refrigerant. 1,920,082; July 25.
- Josephson, Walter S., Brooklyn, assignor to Dryice Corporation of America, New York, N. Y. Hydrated solid carbon dioxide and making the same. 1,927,175; Sept. 19.
- Josias, Jacob, Brooklyn, N. Y. Catamential bandage. 1,893,745; Jan. 10.
- Joslin, Frank M., Amsterdam, N. Y. Gluing machine. 1,935,031; Nov. 14.
- Joslin, Frank M., assignor to Inman Manufacturing Company, Inc., Amsterdam, N. Y. Box machine. 1,935,032; Nov. 14.
- Joslin, Pliny N., De Kalb, Ill. Adjustable concrete insert. 1,922,479; Aug. 15.
- Joslyn Manufacturing & Supply Co. (See Smalley, Burton M., assignor.)
- Josselyn, Winsor, Carmel, Calif. Camera. 1,895,248; Jan. 24.
- Josselyn, Winsor, Carmel, Calif. Camera. 1,915,497; June 27.
- Jost, Friedrich, Bornig, near Herne, and G. Hornung, Herne, Germany, assignors to the firm Patentverwertungs A. G. "Alpina", S. A. pour l'Exploitation de Brevets "Alpina", Patents Exploitation by "Alpina", Ltd., Basel, Switzerland. Production of ammonium compounds. 1,923,212; Aug. 22.
- Jouffray, Alexander O. P., San Antonio, Tex. Necktie knot tying and retaining form. 1,922,956; Aug. 15.
- Jourdan, William, Chicago, Ill. Apparatus for cooking. 1,921,231; Aug. 8.
- Journoud, Pierre, Lyon, France, assignor to L. J. Hyams and Company, New York, N. Y. Printed textile fabric or similar article. Des. 88,877; Jan. 3.
- Joy Bros., Inc. (See Joy, Joseph F., assignor.)
- Joy, Charles H., Jr. (See Miner, Carl S., assignor.)
- Joy, Charles H., Jr. (See Nielsen, Erik R., assignor.)
- Joy, Charles H. (See Sauer, Louis J., assignor.)
- Joy, Charles H., Jr., Chicago, Ill. Roll-holding magazine. 1,937,761; Dec. 5.
- Joy, Henry W., Brooklyn, N. Y. Electrical transmission of colored pictures. 1,929,589; Oct. 10.
- Joy, Joseph F., assignor to Joy Bros., Inc., Marion, Ohio. Device for breaking down coal. 1,900,446; Mar. 7.
- Joy, Robert W. (See Willoughby, V., and Joy.)
- Joy, Walter, Somerville, assignor to Cambridge Rubber Co., Cambridge, Mass. Overshoe and making same. 1,894,610; Jan. 17.
- Joyce-Cridland Company. (See Hott, Ion V. K., assignor.)
- Joyce, Donald R., et al. (See Brady, Edward J., assignor.)
- Joyce, Edwin, Upper Darby, Pa. Material for welding wrought aluminum alloys. 1,913,394; June 13.
- Joyce, Harold L., assignor, by mesne assignments, to Jas. P. Marsh Corporation, Chicago, Ill. Pressure gauge unit. 1,909,409; May 16.
- Joyce, Harold L., assignor, by mesne assignments, to Jas. P. Marsh Corporation, Chicago, Ill. Valve. 1,910,994; May 23.
- Joyce, John R. (See Lubbock, I., and Joyce.)
- Joyce, Lyndon W., Greensboro, N. C. Reel package. 1,918,109; July 11.
- Joyce, Lyndon W., assignor to Joyce-Venning Manufacturing Company, Inc., Greensboro, N. C. Suspender assembling tool. 1,895,836; Jan. 31.
- Joyce, Lyndon W., assignor to Joyce-Venning Manufacturing Co., Inc., Greensboro, N. C. Suspender slide with bars flattened and embossed across weld. 1,905,939; Apr. 25.
- Joyce, Lyndon W., assignor to Joyce-Venning Manufacturing Company, Inc., Greensboro, N. C. Suspender slide. 1,910,797; May 23.
- Joyce, Lyndon W., assignor to Joyce-Venning Manufacturing Co., Inc., Greensboro, N. C. Assembling suspenders and slides. 1,921,826; Aug. 8.
- Joyce, Lyndon W., assignor to Joyce-Venning Manufacturing Co., Inc., Greensboro, N. C. Shoulder strap for high back overalls. 1,935,296; Nov. 14.
- Joyce, Maurice E., Brentwood, assignor of one-half to E. L. Mahoney, Lanham, Md. Seal for compressors. 1,897,937; Feb. 14.
- Joyce, Richard M., deceased, assignor of one-third to R. Kaiser, and one-third to W. H. Schaumberg; Tillie Joyce, administratrix, St. Louis, Mo. Latent print lifting means. 1,937,575; Dec. 5.
- Joyce, Roy E., East Los Angeles, Calif. House service gas regulator. 1,918,602; July 18.
- Joyce, Tillie, administratrix. (See Joyce, Richard M.)
- Joyce-Venning Manufacturing Co. (See Joyce, Lyndon W., assignor.)
- Joze, Allan. (See Raden, L. A., and Joze.)
- Jubilee Manufacturing Company. (See Gillet, Alexis F., assignor.)
- Jubitz, Werner. (See Gerdien, H., Jubitz, and Geiler.)
- Juchheim, Ernst. (See Juchheim, W. and E.)
- Juchheim, Wilhelm and E. Ilmenau, Germany. Electrically operated valve. 1,920,925; Aug. 1.
- Judd, Charles H. (See Fogwell, H. H., and Judd.)
- Judd, Clifford K., Holyoke, Mass. Two compartment envelope. 1,939,780; Dec. 19.
- Judd, Howard L., and H. C. Lagerblade, assignors to The Horton Manufacturing Company, Bristol, Conn. Golf shaft. 1,930,204; Oct. 10.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Transporting vehicles and the like. 1,901,103; Mar. 14.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Vehicle transport. 1,925,535; Sept. 5.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Transporting vehicles and the like. 1,925,536; Sept. 5.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Transport. 1,925,664; Sept. 5.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Vehicle suspension means. 1,934,128; Nov. 7.
- Judd, Irving H., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Vehicle chassis structure. 1,934,129; Nov. 7.
- Judd, Irving H., Detroit, and H. V. Collins, Birmingham, assignors to Whitehead & Kales Company, River Rouge, Mich. Transport. 1,925,665; Sept. 5.
- Judefind, William L. (See Latshaw, M., and Judefind, assignors.)
- Judge, Edward A., et al. (See Cameron, Hugh M., assignor.)
- Judge, Henry A., New York, N. Y. Self-setting animal trap. 1,914,972; June 20.
- Judson, Harry R., Ada, Okla., assignor to National Tube Company, Mandrel handling machine. 1,911,899; May 30.
- Judson, Owen R., Kenmore, N. Y. Retainer device for telephone sets. 1,932,109; Oct. 24.
- Judson, Robert T., et al. (See Seltz, Wilford, assignor.)
- Judson, Wilber, Nowgulf, Tex., assignor to The Koppers Company of Delaware. Treatment of liquids. 1,924,861; Aug. 29.
- Judson, William L., Jr., Buffalo, N. Y. Draining oil from crank cases. 1,929,694; Oct. 10.
- Judy, Philip S., Kansas City, Mo., Apparatus for cleaning the filter bed of a well. 1,918,756; July 18.
- Judson, Agnes, Chicago, Ill. Vacuum cleaner. 1,939,705; Dec. 19.
- Juengling, Karl F., Lakewood, Ohio, and H. A. Berg, Birmingham, Ala. Dust collector. 1,922,299; Aug. 15.
- Juengst, Fred W., and O. M. Anderson, assignors to Landers Frary & Clark, New Britain, Conn. Electric toaster. 1,901,603; Mar. 14.

- Juengst, Fred W., and O. M. Anderson, assignors to Landers, Frary & Clark, New Britain, Conn. Support for culinary appliances. 1,918,186; July 11.
- Juer, George, Hopewell, Va., assignor by merger to Tubize Chatillon Corporation. Manufacturing artificial silk. 1,935,637; Nov. 21.
- Juergens, Gustav H., St. Louis, Mo., assignor to Mississippi Glass Company, New York, N. Y. Wire glass manufacture. 1,900,716; Mar. 7.
- Juergens, Gustav H., St. Louis, Mo., assignor to Mississippi Glass Company, New York, N. Y. Manufacture of wire glass. 1,934,354; Nov. 7.
- Juergens, John, and R. B. Benjamin, assignors to Benjamin Electric Manufacturing Company, Chicago, Ill. Shock absorbing socket. 1,922,687; Aug. 15.
- Juergensen, Ernest F., Chicago, assignor of one-half to C. S. Burton, Oak Park, Ill. Column clamp. 1,906,381; May 2.
- Jueschke, Frank F. (See Frech, C. D., and Jueschke.)
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,192; Feb. 7.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,238; Feb. 7.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,239; Feb. 7.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,706; Apr. 25.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,892; May 16.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,893; May 16.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 89,894; May 16.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 90,003; May 23.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Textile fabric. Des. 90,004; May 23.
- Juestrich, Max U., Ridgefield, N. J., assignor to The American Fabrics Company, Bridgeport, Conn. Embroidered textile fabric. Des. 90,914; Oct. 24.
- Juffa, Wilhelm, Ilmenau, Germany. Container for the packing of articles. 1,895,249; Jan. 24.
- Jugel, Ewald H., Goppingen, Germany. Soldering machine. 1,902,703; Mar. 21.
- Jugel, Rudolf P., Denver, Colo., assignor to American Ball Mill Company. Grinding mill. 1,898,187; Feb. 21.
- Jugel, Rudolf P., Denver, Colo., assignor to American Ball Mill Company. Grinding mill. 1,905,411; Apr. 25.
- Juhász, Béla, Budapest, Hungary. Arrangement for the transmission of pictures by electrical means. 1,911,900; May 30.
- Juhász, James G., Chicago, Ill. Sound reproducing device. 1,923,831; Aug. 22.
- Juhász, James G., Chicago, Ill., assignor to Joseph Weidenhoff Incorporated. Sign. 1,933,216; Oct. 31.
- Juhlin, Gustaf A., Timperley, England, assignor to General Electric Company. Electric circuit interrupter. 1,902,507; Mar. 21.
- Juhn, Martin, Lakewood, Ohio. Slide saxophone. 1,895,761; Jan. 31.
- Julian, Antone W., et al. (See Sager, Lee R., assignor.)
- Julian, Edgar C., Elwood, Ind. Holding clutch for wheels and the like. 1,896,629; Feb. 7.
- Julian, James H., Indianapolis, Ind. Dental appliance. 1,910,292; May 23.
- Julian & Kokenge Co., The. (See Stock, Otto F., assignor.)
- Julian, Verne L. (See Gill, C. C., Julian, McIlwraith, and Rutledge.)
- Juliar, Silas S., Gainesville, Fla. Gauge rod cleaner. 1,909,834; May 16.
- Julien, Cyrien E. P., Paris, France. Apparatus for the dye treatment and washing of clothes. 1,930,360; Oct. 10.
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Forming metal bars for screen frames. 1,929,695; Oct. 10.
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Making a steel screen for window frames. 1,934,765; Nov. 14.
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Metal frame for screens. 1,938,429; Dec. 5.
- Julien, Maximilian P. (See Toland, H. A., and Julien.)
- Julien, Sven A., Chicago, Ill. Eyeglass reflector. 1,916,110; June 27.
- Julius, Adwry F. (See Julius, George A. and A. F.)
- Julius, George A. and A. F., Sydney, New South Wales, Australia. Apparatus for computing and indicating the ratio of variable quantities. 1,922,957; Aug. 15.
- Jullien, Philip M., New York, N. Y. Razor wiper. 1,907,978; May 9.
- Jüllig, Werner M. J., assignor to Sven M. Z. Täcklind, Stockholm, Sweden. Pressure lubricating apparatus. 1,933,809; Nov. 7.
- Jumonville, Edward, New Orleans, La. Mop. 1,936,433; Nov. 21.
- Jumonville, Edward, New Orleans, La. Forming textile network. 1,936,434; Nov. 21.
- Jump, George H., Buffalo, N. Y., assignor to General Electric Company. Regulating system. 1,915,095; June 20.
- Jung, Heinrich. (See Schmidt, H., and Jung.)
- Jung, Henry, Hines, Ill. Preparing yeast raised dough for baking. 1,922,096; Aug. 15.
- Jung, Karl, Berlin, Germany. Bearing for accurately running shafts using ball bearings. 1,893,995; Jan. 10.
- Jung, Karl, Munich, Germany, assignor of one-half to W. N. Gerber, Zurich, Switzerland. Telescopic gun sight mounting. 1,926,151; Sept. 12.
- Jung, Louis. (See Schmidt, H. F., and Jung.)
- Jung, Manner O., Livermore, Calif. Staining rack. 1,910,293; May 23.
- Jung, Oscar, Brooklyn, N. Y. Window seat. 1,932,161; Oct. 24.
- Jung, Rudolph, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Solid preparation yielding nitroso diazo solutions of the diphenylamine series and making same. 1,895,099; Jan. 24.
- Junge, Reuben D., New York, N. Y., assignor to Keyes Fibre Company, Inc., Waterville, Me. Egg packing device. 1,894,591; Jan. 17.
- Jungersen, Thoger G., Milwaukee, Wis. Dump body operating mechanism. 1,904,922; Apr. 18.
- Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Shaft packing. 1,895,930; Jan. 31.
- Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Conduit connection. 1,900,561; Mar. 7.
- Junghans, Helmut, Schramberg, Wurtemberg, Germany. Anchor escapement for clocks and the like. 1,895,666; Jan. 31.
- Junghans, Helmut, Schramberg, Germany, assignor to Società Anonima Arturo Junghans Fabbrica D'Orologeria, Venice, Italy. Mechanical time fuse for artillery projectiles. 1,915,890; June 27.
- Junghans, Helmut, Schramberg, Germany, assignor to Società Anonima Arturo Junghans Fabbrica D'Orologeria, Venice, Italy. Mechanical time fuse. 1,927,746; Sept. 19.
- Jungk, Herbert G., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Single-phase series railway motor and control system therefor. 1,922,737; Aug. 15.
- Jünk, Walter, Berlin, Germany. Positive valve control for internal-combustion engines. 1,937,152; Nov. 28.
- Junker, Otto, Lammersdorf, Germany. Tensioning device for maintaining a given catenary curve in metal strips continuously pulled through an annealing furnace. 1,906,211; Apr. 25.
- Junker, Otto, Lammersdorf, Germany. Increasing the rate of heat absorption of bright-surface material to be annealed. 1,910,549; May 23.
- Junkers, Hugo, Dessau, Germany. Structural member. 1,895,667; Jan. 31.
- Junkers, Hugo, Dessau, Germany. Riveting device. 1,895,668; Jan. 31.
- Junkers, Hugo, Dessau, Germany. Method of, and apparatus for regulating the fuel supply to internal combustion engines. 1,899,038; Feb. 28.
- Junkers, Hugo, Dessau, Germany. Aircraft. 1,900,502; Mar. 7.
- Junkers, Hugo, Dessau, Germany. Fuel injection devices for internal combustion engines. 1,901,814; Mar. 14.
- Junkers, Hugo, Dessau, Germany. Structural element. 1,910,608; May 23.
- Junkers, Hugo, Dessau, Germany. Hydraulic power transmitting mechanism. 1,935,400; Nov. 14.
- Junkers, Hugo, Dessau, Germany. Propeller for aircraft. 1,937,966; Dec. 5.
- Junkers, Hugo, Dessau, Germany. Vibration damper. 1,939,173; Dec. 12.
- Junkins, Raymond D. (See Albright, J. C., and Junkins.)
- Junkunc, Stephen, jr., Chicago, Ill. Burial casket. Des. 89,668; Apr. 18.
- Jurgens, Emil G., and H. K. Becker, assignors to Peters Machinery Co., Chicago, Ill. Carton forming machine. 1,919,787; July 25.
- Jürgens, (Helene Fetkenheuer). (See Fetkenheuer, Bruno.)
- Jurisch, Herman F., Cincinnati, Ohio. Gas holder. 1,910,922; May 23.
- Jurist, Alfred E. (See Christiansen, W. G., and Jurist.)
- Jurs, Henry C., Alliance, Ohio. Furnace. 1,893,898; Jan. 10.
- Just, Amalie R., Cleveland, Ohio. Shoe. 1,911,694; May 30.
- Just, Lili, assignor to The B. V. D. Company, Inc., New York, N. Y. Bathing suit. 1,909,279; May 16.
- Justice, David B., Newport, R. I. Brush. 1,927,747; Sept. 19.
- Justrite Manufacturing Company. (See Brown, Le Roy O., assignor.)
- Jutson, Robert P. (See Holden, W. H. T., and Jutson.)
- Jutson, Robert P. (See Holden, W. H. T., Jutson, and Larew.)
- Jutting, Bernhard G., Jersey City, N. J. Wing lift system for aircraft. 1,903,818; Apr. 18.

- Juul, Peter, Chicago, Ill., assignor, by mesne assignments, to Bliss Latham Corporation, Niagara Falls, N. Y. Perforating machine. 1,931,133; Oct. 17.
- Juvenile Shoe Corporation of America, The. (See Reith, Chester F., assignor.)
- Juvet, Obel, Ferndale, Wash. Cabinet ironing board. 1,895,250; Jan. 24.
- Jwanouskous, Joseph J., and A. De Zeler, St. Paul, Minn.; said De Zeler assignor to said Jwanouskous. Coin-controlled electric time switch. 1,936,673; Nov. 28.
- K. L. G. Sparking Plugs Limited. (See Guinness, Kenelm E. L., assignor.)
- Kaar, Ira J., Schenectady, N. Y., assignor to General Electric Company. Signal system. 1,908,254; May 9.
- Kaar, Ira J., Schenectady, N. Y., assignor to General Electric Company. Extended winding rectifier. 1,932,272; Oct. 24.
- Kaasa, Orin G., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining hydrocarbons. 1,923,150; Aug. 22.
- Kaatz, Robert W., Revere, Minn. Silo. 1,936,133; Nov. 21.
- Kabat, Bohmel V., Cicero, assignor of one-third to M. K. Patterson, Berwyn, Ill. Garment bagging apparatus. 1,908,983; May 16.
- Kabnick, Stuart, Philadelphia, Pa. Multiple ampulla. 1,922,811; Aug. 15.
- Kabushiki Kaisha Sumitomo Seikoshu. (See Matsunawa, S., Nozawa, and Suzuki, assignors.)
- Kacena, Joseph F., Chicago, Ill. Adjustable trestle. 1,936,196; Nov. 21.
- Kacer, Filip, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Oxidation of aromatic compounds. 1,935,949; Nov. 21.
- Kacer, Filip, Mannheim, F. Baumann, Leverkusen, and A. Krause, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the azole series and making them. 1,909,684; May 16.
- Kachel, Charles, Buffalo, N. Y. Making axle housings. 1,938,702; Dec. 12.
- Kachel, Henry W. (See Guthrie, James M., assignor.)
- Kachel, Henry W., assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Apparatus for welding. 1,939,452; Dec. 12.
- Kadel, Byers W. (See Wine, W. E., and Kadel, assignors.)
- Kadel, Byers W., Baltimore, Md., assignor, by mesne assignments, to The Symington Company, New York, N. Y. Draft rigging. 1,922,300; Aug. 15.
- Kadlec, Charles, assignor to Waite Carpet Company, Oshkosh, Wis. Tufting mechanism. 1,902,704; Mar. 21.
- Kadlec, Charles, assignor to Waite Carpet Company, Oshkosh, Wis. Tufting mechanism. 1,941,213; Dec. 26.
- Kadow, August, assignor to Owens-Illinois Glass Company, Toledo, Ohio. Method of and apparatus for making glass tubes. 1,894,100; Jan. 10.
- Kadow, August, Toledo, Ohio, and J. E. McLaughlin, Alton, Ill., assignors to Owens-Illinois Glass Company. Glass blowing machine. 1,931,497; Oct. 24.
- Kaefer, Martin H., assignor to Western Clock Company, Peru, Ill. Electrical attachment plug. 1,912,147; May 30.
- Kaegebein, Erich L., Hammond, Ind. Force feed lubricator. 1,920,566; Aug. 1.
- Kaegi, Edward A. (See Phelps, A. W., and Kaegi.)
- Kaegi, Edward A., assignor to Delco-Remy Corporation, Anderson, Ind. Commutator clamping ring. 1,909,059; May 16.
- Kaehler, Hans. (See Klein, H., Kaehler, and Zorn.)
- Kaelber, Julius C., assignor to Wirt Company, Philadelphia, Pa. Display cabinet. 1,911,826; May 30.
- Kaemmerling, Gustav H., assignor to Erie City Iron Works, Erie, Pa. Pulverizer. 1,925,806; Sept. 5.
- Kaempf, Walter, Berlin-Zehlendorf-West, Germany. Rail fastening. 1,936,965; Nov. 28.
- Kaess, Louis L. (See Winkler, F. W., and Kaess.)
- Kaess, Louis L., New York, N. Y. Radio direction finder. 1,898,488; Feb. 21.
- Kaetzal, Ora J. (See Reider, F. J., and Kaetzal.)
- Kaffer, Hans, Duisburg-Meiderich, Germany. Production of motor driving spirits. 1,904,830; Apr. 18.
- Kaffer, Hans, Duisburg-Meiderich, Germany. Carrying out catalytic hydrogenation. 1,933,435; Oct. 31.
- Kaffine, Heinrich, West Reading, Pa. Production calculator. 1,937,277; Nov. 28.
- Kagan, Jacob J., Los Angeles, Calif. Finger ring. Des. 89,240; Feb. 7.
- Kagan, Samuel N., et al. (See Cochran, Solomon, assignor.)
- Kagi, Albert. (See Davis, E., and Kagi.)
- Kägi, Emil, assignor to Firms Sulzer Frères Société Anonyme, Winterthur, Switzerland. Rotary compressor. 1,893,171; Jan. 3.
- Kägi, Emil, assignor to the Firms Sulzer Frères Société Anonyme, Winterthur, Switzerland. Refrigerating machine. 1,910,840; May 23.
- Kägi, Hans, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Disperse system and making same. 1,915,891; June 27.
- Kahellek, Harold. (See McGregor, Mildred, assignor.)
- Kahle, Max, Chicago, Ill. Curtain rod. 1,928,179; Sept. 26.
- Kahler, Frank, Burbank, Calif. Automatic railway crossing gate. 1,932,075; Oct. 24.
- Kahler, Herbert, Kensington, Md., assignor to Westinghouse Electric & Manufacturing Company. Making copper oxide rectifiers for high voltage application. 1,936,792; Nov. 28.
- Kahler, Charles W., Newark, N. J. Hoisting engine. 1,900,937; Mar. 14.
- Kahlmeyer, Henry, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,931,612; Oct. 24.
- Kahn, Alfred G., et al. (See Bracken, William A., assignor.)
- Kahn, Edgar E., Mount Vernon, N. Y. Eyelash curler. 1,920,401; Aug. 1.
- Kahn, Frederick L., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,910,393; May 23.
- Kahn, Isaac T., Cleveland Heights, Ohio. Container sealing device. 1,901,911; Mar. 21.
- Kahn, Leopold, Mannheim, assignor to P. P. Muelhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" Gegenüber der Pferdepöst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Non-refillable container for powder. 1,901,651; Mar. 14.
- Kahn, Leopold A., and F. L. Pearson, Chicago, Ill., assignors to Bankers Electric Protective Association, Boston, Mass. Vault ventilator. 1,923,381; Sept. 26.
- Kahn, Max, Cedarhurst, N. Y. Corset. 1,941,401; Dec. 26.
- Kahn, Maxwell M., Belleville, N. J. Detergent composition of matter. 1,921,676; Aug. 8.
- Kahn, Samuel, assignor of one-third to M. Friedman and two-thirds to A. W. Deller, New York, N. Y. Sound recording system. 1,894,373; Jan. 17.
- Kahns, Walter R., Amityville, N. Y. Support for wearing apparel. 1,926,201; Sept. 12.
- Kahr, Martin, assignor to Franklin Valveless Engine Company, Franklin, Pa. Power plant for drilling apparatus. 1,900,384; Mar. 7.
- Kahr, Martin, assignor to Franklin Valveless engine company, Franklin, Pa. Fuel feeding means. 1,900,385; Mar. 7.
- Kahrmann, Robert C. (See Wolf, J., Kiel, and Kahrmann.)
- Kahrs, Henry, deceased, Brooklyn, N. Y., by Mary D. Wright, executrix. Folding table top. 1,904,897; Apr. 18.
- Kahrs, Johannes, Hanover, Germany. Measuring speeds photographically. 1,907,549; May 9.
- Kal, Louis H., and H. Weber, assignors to Shakespeare Products Company, Kalamazoo, Mich. Control rod mounting. 1,899,198; Feb. 28.
- Kaier, Richard, Cranford, assignor to The Sheet Manufacturing Company, Elizabeth, N. J. Sheet-metal belt-conveyor for heat-treating furnaces. 1,906,971; May 2.
- Kaimer, Richard V., assignor, by mesne assignments, to C. Cowles & Company, New Haven, Conn. Latch for automobile doors. 1,909,361; May 16.
- Kain, Clifford H., San Carlos, Calif., assignor of one-third to Otis K. Richard and one-third to Clement C. Richard, Detroit, Mich. Remote control apparatus. 1,933,376; Oct. 31.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Coffee pot or similar article. Des. 89,193; Feb. 7.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Coffee pot or similar article. Des. 89,194; Feb. 7.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Sugar bowl or similar article. Des. 89,195; Feb. 7.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Cream jug or similar article. Des. 89,196; Feb. 7.
- Kaiser, Charles, Great Neck, assignor to Morimura Bros. Inc., New York, N. Y. Casserole or similar article. Des. 89,527; Mar. 21.
- Kaiser, Christian, Heilbronn-on-the-Neckar, Germany. Auxiliary lamp. 1,915,740; June 27.
- Kaiser, George, Folcroft, Pa. Harrow tooth. 1,893,416; Jan. 3.
- Kaiser, Harry N., Washington, D. C. Eel grip. 1,902,453; Mar. 21.
- Kaiser, Harry S., Chicago, Ill. Ventilating system. 1,931,227; Oct. 17.
- Kaiser, John, Dobšina, Czechoslovakia. Electrical rat exterminator. 1,899,199; Feb. 28.
- Kaiser, Karl. (See Schneider, B. R., and Kaiser.)
- Kaiser, Robert, et al. (See Joyce, Richard M., assignor.)
- Kaiser, Wilhelm F. K., Berlin-Lichtenberg, Germany, assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Electric cable coupling for railway vehicles. 1,914,572; June 20.
- Kakaska, Henry W., South Milwaukee, assignor of one-half to F. Holt, Milwaukee, Wis. Power shovel, crane, dragline, and the like. 1,914,692; June 20.
- Kakaska, Henry W., South Milwaukee, assignor of one-half to Frank Holt, Milwaukee, Wis. Power shovel. 1,914,920; June 20.
- Kakizahara, Shuji, Ikegami-Machi, Ebara-Gori, Tokyo-Fu, Japan. Automatic seamless hosiery machine. 1,932,344; Oct. 24.
- Kalajian, Harry J., Detroit, Mich. Clutch. 1,910,394; May 23.
- Kalajian, Harry J., Detroit, Mich. Hat ironing machine. 1,912,148; May 30.

- Kalamazoo Sled Company. (See Baker, Harold E., assignor.)
- Kalamazoo Sled Company. (See Kidder, William E., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Boldman, J. E., and Fitzgerald, assignors.)
- Kalamazoo Vegetable Parchment Company. (See Francoise, Edward C., assignor.)
- Kalamazoo Vegetable Parchment Company. (See Keville, Jesse F., assignor.)
- Kalb, Lewis P., Grosse Pointe, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,933,912; Nov. 7.
- Kalbach, Raymond B., Philadelphia, Pa. Apparatus for making chenille fabric. 1,894,468; Jan. 17.
- Kalbach, Raymond B., Philadelphia, Pa. Manufacturing chenille. 1,896,408; Feb. 7.
- Kalben, Max, San Diego, Calif. Sectional rod coupling. 1,901,168; Mar. 14.
- Kalert, Frank N., and J. Suda, St. Louis, Mo. Comic strip display device. 1,917,977; July 11.
- Kalgren, John E., assignor to J. R. Clark Company, Minneapolis, Minn. Ironing table. 1,895,164; Jan. 24.
- Kalgren, John E., assignor to The J. R. Clark Co., Minneapolis, Minn. Ironing table. 1,927,685; Sept. 19.
- Kali-Chemie Aktiengesellschaft. (See Mooz, Wilhelm, assignor.)
- Kali-Chemie, Aktiengesellschaft. (See Rüsberg, Friedrich, assignor.)
- Kalichevsky, Vladimir. (See Fulton, S. C., and Kalichevsky.)
- Kalif Corporation. (See Carroll, Ellsworth W., assignor.)
- Kalif Corporation. (See Pike, Robert D., assignor.)
- Kalif Corporation. (See Pike, R. D., and Krill, assignors.)
- Kallin, Walter, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,916,223; July 4.
- Kallio Inc. (See Lieberknecht, Karl R., assignor.)
- Kallscher, Georg, Frankfurt-on-the-Main, and R. Fleischbauer, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and making same. 1,905,294; Apr. 25.
- Kallscher, Georg, Frankfurt-on-the-Main, E. Honold, Frankfurt-on-the-Main-Fechenheim, H. Clingstein, Cologne-on-the-Rhine, and K. Dobmaler, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid wool-dyestuff of the anthraquinone series and making same. 1,927,125; Sept. 19.
- Kallscher, Georg, Frankfurt-on-the-Main, H. Ritter, Frankfurt-on-the-Main-Fechenheim, and F. Baumann, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs. 1,931,196; Oct. 17.
- Kalish, Sam, and A. L. Slee, San Francisco, Calif.; said Slee assignor to said Kalish. Lowering device. 1,908,156; May 9.
- Kalite Company. (See Eaton, Leslie B., assignor.)
- Kalix Cup Company. (See Benson, William E., assignor.)
- Kallam, Floyd L., South Gate, Calif. Fluid flow control device. 1,901,032; Mar. 14.
- Kallam, Floyd L., South Gate, Calif. Condenser control apparatus. 1,901,104; Mar. 14.
- Kallam, Floyd L., South Gate, Calif. Control device for fractionators and the like. 1,940,802; Dec. 26.
- Kallam, Floyd L., South Gate, Calif. Condenser control device. 1,940,803; Dec. 26.
- Kalle & Co. Aktiengesellschaft. (See Dulitz, A., and Stawitz, assignors.)
- Kalle & Co., Aktiengesellschaft. (See Herrmann, Otto, assignor.)
- Kalle & Co. Aktiengesellschaft. (See Neugebauer, Wilhelm, assignor.)
- Kalle & Co. Aktiengesellschaft. (See Schade, Arthur, assignor.)
- Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., Krieger, and Spietschka, assignors.)
- Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Neuroth, assignors.)
- Kalle & Co., Aktiengesellschaft. (See Schmidt, M. P., Krieger, and Spröngerts, assignors.)
- Källe, Torsten, Saffie, Sweden. Moisture indicator for paper making machines and pulp collecting machines and in similar apparatus. 1,903,716; Apr. 11.
- Kalling, Bo M. S. (See Von Seth, R. H., and Kalling.)
- Kalling, Bo M. S., and von Delwig, Avesta, assignors to A. Johnson & Co., Stockholm, Sweden. Method and apparatus for heat treatment of materials in rotary furnaces. 1,917,942; July 11.
- Kalling, Bo M. S., and C. von Delwig, Avesta, assignors to A. Johnson & Co., Stockholm, Sweden. Reducing gases containing carbon dioxide. 1,929,069; Oct. 3.
- Kallner, Gerhard. (See Schlösser, P., Bartsch, and Kallner.)
- Kallstrom, Francis F., and T. L. E. Haug, Berkeley, Calif. Table. Des. 90,621; Sept. 5.
- Kallus, Joseph L., Brooklyn, N. Y. Toy figure. 1,932,216; Oct. 24.
- Kalman Steel Company. (See Gersman, Harvey M., assignor.)
- Kalman Steel Corporation. (See Kessler, Harry A., assignor.)
- Kalman Steel Company. (See White, William E., assignor.)
- Kalmar, Stephen, assignor of five per cent to M. J. Baehr, Pittsburgh, Pa. Floating clutch. 1,933,436; Oct. 31.
- Kalmbach, Frederick. (See Byron, Hagar B., assignor.)
- Kalning, William C., Linden, N. J. Radiator valve. 1,937,763; Dec. 5.
- Kaltenbach, Charles E., deceased, Cranford, N. J., Herman Muhlenbrook, J. C. Kaltenbach and R. W. Aldrich, executors. Dyeing. 1,920,987; Aug. 8.
- Kaltenbach, Juana C., et al., executor. (See Kaltenbach, Charles E.)
- Kaltenbach, Robert W., Cleveland Heights, Ohio. Car dumper. 1,920,402; Aug. 1.
- Kaltenbach, Robert W., Cleveland Heights, and A. Fronek, Cleveland, Ohio; said Fronek assignor to said Kaltenbach. Pile driver. 1,905,906; Apr. 25.
- Kalumite Company. (See Steuart, Gordon R., assignor.)
- Kalvin, Jacob, New York, N. Y. Edible preparing machine. 1,933,557; Nov. 7.
- Kalwitz, Herman C., Chicago, Ill. Switch. 1,937,701; Dec. 5.
- Kambara, Shinichi, Yokohama, Japan. Automatic regulating and controlling gate. 1,901,396; Mar. 14.
- Kamber, Adam, Youngstown, Ohio. Broom machine. 1,892,800; Jan. 3.
- Kamber, Herbert L. (See Feurstein, L., and Kamber.)
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Shoe and lasting the same. 1,919,657; July 25.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Manufacture of shoes. 1,919,658; July 25.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Lasting shoes. 1,919,659; July 25.
- Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Shoe lasting apparatus. 1,919,660; July 25.
- Kamborian, Jacob S., Watertown, assignor to Northern Machine Co., Inc., Boston, Mass. Shoe bottom treating device. 1,920,083; July 25.
- Kamen, Aaron, and H. Kamen, Brooklyn, N. Y. Sleeve. 1,894,045; Jan. 10.
- Kamen, Abraham L., Brooklyn, N. Y. Educational appliance. Des. 90,769; Sept. 26.
- Kamen, Herman. (See Kamen, Aaron and H.)
- Kamerer, James W., and E. L. Pix, New Kensington, Pa., assignor to Duplate Corporation. Making laminated glass. 1,922,893; Aug. 15.
- Kamil, Joseph, New York, N. Y. Provision cabinet. 1,917,721; July 11.
- Kaminski, Ludwik, assignor to Cornell-Unity, Inc., New York, N. Y. Shoe or similar article. Des. 90,369; July 25.
- Kaminski, Stefan, Munich, Germany, assignor to Agfa Anseo Corporation, Binghamton, N. Y. High gloss drying apparatus for photographic prints. 1,910,294; May 23.
- Kaminsky, Albert, Salamanca, N. Y. Pipe connection. 1,935,472; Nov. 14.
- Kamishima, Yoshiatsu, Dairen, China. Alloy containing zirconium and tungsten for the principal constituents. 1,926,775; Sept. 12.
- Kammer, William F., Wenatchee, Wash. Airplane landing ski. 1,893,647; Jan. 10.
- Kammer, William F., Wenatchee, Wash. Household press for fruits and vegetables. 1,939,556; Dec. 12.
- Kammerdiner, James A. (See Pyles, Robert M., assignor.)
- Kammerer, Erwin, Pfortzheim, Germany. Compound metal stock. 1,904,241; Apr. 18.
- Kammerer, Fred W., New York, N. Y. Threshold construction. 1,929,316; Oct. 3.
- Kammgarn-Aktiengesellschaft. (See Horst, Hans, assignor.)
- Kamp, Eugen, Dortmund, Germany. Production of forged shafting. 1,913,711; June 13.
- Kamp, William J., Grand Rapids, Mich. Pall support. 1,927,315; Sept. 19.
- Kamper, Leslie H., assignor to King's Laundry Co., Chicago, Ill. Automatic control system for waste water. 1,921,232; Aug. 8.
- Kämpf, Adolf, Dessau-Ziebigk, assignor to I. G. Farben-Industrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Spinning cellulose solution. 1,895,192; Jan. 24.
- Kampf, August, Duisburg-Ruhrort, Germany. Apparatus for casting metal. 1,915,022; June 20.
- Kampf, Karl F. W., Buffalo, N. Y. Packing or shipping case. 1,932,550; Oct. 31.
- Kampfer, Herbert F., St. Paul, Minn. Universal link. 1,893,141; Jan. 3.
- Kampnagel Eisenwerk (vorm. Nagel & Kaemp) A. G. (See Lange, Johann F. H., assignor.)
- Kamps, Otto, Aachen, Germany. Aluminium alloy. 1,892,840; Jan. 3.
- Kamps, Otto, Berlin, Germany. Aluminium alloy. 1,899,465; Feb. 28.
- Kamrath, Herbert G., assignor to A C Spark Plug Company, Flint, Mich. Crankcase ventilation. 1,899,910; Feb. 28.
- Kamrath, Herbert G., assignor to A C Spark Plug Company, Flint, Mich. Air cleaner and muffler. 1,899,911; Feb. 28.
- Kamrath, Herbert G., assignor to A C Spark Plug Company, Flint, Mich. Multistage type air cleaner. 1,922,688; Aug. 15.

- Kanai, Kunzo, Bosler, Wyo. Front wheel drive motorcycle. 1,924,363; Aug. 29.
- Kandlerz, Sigmund, Maspeth, N. Y. Foldable table. 1,917,526; July 11.
- Kane, Blanche C., Darien, Conn., assignor to Norreys Products Incorporated, New York, N. Y. Cooking utensil. 1,936,560; Nov. 21.
- Kane, Edmund J., Chicago, Ill. Excavating machine. 1,919,515; July 25.
- Kane, Frank M., Providence, R. I. Mounting for ornamental articles. 1,927,038; Sept. 19.
- Kane, James M., Berkeley, Calif. Signaling system. 1,900,016; Mar. 7.
- Kane, Jasper H. (See Currie, J. N., Kane, and Finlay.)
- Kane, Michael J. (See Anderson, R. W., and Kane.)
- Kane, Peter W., Buffalo, N. Y. Pneumatic shock absorber. 1,904,372; Apr. 18.
- Kane, Peter W., Chicago, Ill. Pneumatic shock absorber. 1,917,589; July 11.
- Kane, Peter W., San Francisco, Calif. Pneumatic shock absorber. 1,938,392; Dec. 5.
- Kane, Samuel, Brooklyn, N. Y. Dress. Des. 89,895; May 16.
- Kane, Samuel, Brooklyn, N. Y. Ensemble dress. Des. 91,203; Dec. 19.
- Kane, Thomas A., McMinnville, Oreg. Direction signal. 1,900,240; Mar. 7.
- Kane, Thomas E., Mansfield, Mass, assignor to The Textile-Finishing Machinery Company. Hydraulic calendar. 1,912,709; June 6.
- Kane, Wilbur T., Philadelphia, Pa. Thread guide for knitting machines. 1,939,501; Dec. 12.
- Kanen, Max, New Rochelle, N. Y. Spreader for road surfacing fluid. 1,914,950; June 20.
- Kangro, Walther, and A. Lindner, Brunswick, Germany. Separating beryllium compounds from beryllium containing minerals or other substances. 1,893,331; Jan. 3.
- Kanis, Oswin. (See Hofmann, A., and Kanis.)
- Kann, Nathan. (See Goldschmidt, Rudolf, assignor.)
- Kannell, Charles, Endicott, N. Y. Method and apparatus for tanning leather. 1,893,706; Jan. 10.
- Kannengiesser, Paul, Pankow-Berlin, Germany, assignor to General Electric Company. Supervision of protective apparatus for electric systems. 1,919,066; July 18.
- Kanolt, Clarence W., New York, N. Y. Depthograph camera stand. 1,900,562; Mar. 7.
- Kanolt, Clarence W., New York, N. Y. Depthograph plate holder. 1,900,566; Mar. 7.
- Kanolt, Clarence W., New York, N. Y. Production of stereoscopic pictures. 1,935,471; Nov. 14.
- Kante, Hans. (See Aron, M., and Kante.)
- Kanter, Alfred, University City, Mo. Display sign or similar article. Des. 89,707; Apr. 25.
- Kanter, Edward, Cleveland Heights, Ohio. Pen stand. Des. 91,204; Dec. 19.
- Kant-Glare Manufacturing Company. (See Walker, John S., assignor.)
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Propeller for bottle filling machines. 1,893,746; Jan. 10.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Filler valve for bottle fillers. 1,900,447; Mar. 7.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filling valve. 1,926,542; Sept. 12.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Carbonator. 1,929,948; Oct. 10.
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Carbonator. 1,929,949; Oct. 10.
- Kantorowicz, Hans, Berlin-Wilmersdorf, and A. Köhler, Spandau, near Berlin, assignors to Fettsaure und Glycerin-Fabrik G. m. b. H., Mannheim, Germany. Making sulphated products. 1,904,791; Apr. 18.
- Kantorowicz, Hermann, Berlin-Weissensee, Germany. Cleaning and disinfecting metallic articles. 1,937,229; Nov. 28.
- Kantskuf Heel Corporation. (See Smith, Gardner M., assignor.)
- Kaolin Processes Inc. (See McCormick, David F., assignor.)
- Kapella Limited. (See Warmisham, Arthur, assignor.)
- Kapitke, Albert T., and F. A. Baurath, assignors to Chrysler Corporation, Detroit, Mich. Making rear axle housings. 1,940,305; Dec. 19.
- Kapitzka, Pierre, and G. V. Lomonosoff, Cambridge, England. Brake. 1,927,457; Sept. 19.
- Kaplan, Benjamin. (See Schwartz, M. D., and Kaplan.)
- Kaplan, Bernard, Fairfax, Calif. Liquid dispenser. 1,932,254; Oct. 24.
- Kaplan, Fredrick, Beloit, Wis., assignor of one-half to Bert-Kohn, Chicago, Ill. Waste-pipe stopper. 1,935,361; Nov. 14.
- Kaplan, Michael J., assignor to B J Aircraft Corporation, Baltimore, Md. Fuel tank for aircraft. 1,937,086; Nov. 28.
- Kaplan, Morris L., Hazelton, Pa. Collar-stretching machine. 1,902,330; Mar. 21.
- Kaplan, Philip, Brooklyn, N. Y., assignor to The Dehydro Company, Tulsa, Okla. Medium for dehydrating cut oils. 1,897,021; Feb. 7.
- Kaplan, Philip, Brooklyn, N. Y., assignor to The Dehydro Company, Tulsa, Okla. Breaking water in oil emulsions. 1,902,129; Mar. 21.
- Kaplan, Solis D., Philadelphia, Pa. Building. Des. 90,582; Aug. 29.
- Kapner, Charles, Bellaire, Ohio. Rack for supporting enameled ware. 1,910,841; May 23.
- Kapner, Charles, Bellaire, Ohio. Cooking vessel for electric ranges. 1,927,686; Sept. 19.
- Kapp, David, Philadelphia, Pa. Automatic toilet closure. 1,907,826; May 9.
- Kapp, Frank E., Tidjoute, Pa. Sand or sediment trap for pumping wells. 1,933,595; Nov. 7.
- Kapp, John C., Packanack Lake, N. J. Rack for confection and food containers. 1,940,091; Dec. 19.
- Kapp, William F., Elmhurst, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,896,815; Feb. 7.
- Kappeler, Hans. (See Haller, P., and Kappeler.)
- Kappelman, Edward L. (See Almcrautz, Oscar G., assignor.)
- Kappler, Emil M. (See Schmidt, Friedrich, assignor.)
- Käppler, Felix, Dresden, Germany. Device for manufacturing cardboard strip matches in book-form. 1,898,544; Feb. 21.
- Käppler, Paul, Dresden, Germany. Carriage shift typewriter. 1,898,777; Feb. 21.
- Kaptuller, Alexander F. (See Nixon, M. C., and Kaptuller.)
- Kapuczin, Dave, Los Angeles, Calif. Fluid dispenser or meter. 1,901,348; Mar. 14.
- Kara, Charles, Elizabeth, N. J. Signaling device for vehicles. 1,929,070; Oct. 3.
- Karasinski, Romuald, assignor to The Guardian Trust Company, Cleveland, Ohio. Piston. 1,894,771; Jan. 17.
- Karcher, John C., Dallas, Tex. Method and apparatus for exploring bore holes. 1,927,664; Sept. 19.
- Karelitz, George B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil bearing. 1,934,355; Nov. 7.
- Karfiol, Edward, New York, N. Y. Dolly. Des. 89,896; May 16.
- Karfiol, Edward, New York, N. Y. Dolly. Des. 89,991; May 23.
- Karfiol, Edward, New York, N. Y. Shelf paper. Des. 91,072; Nov. 21.
- Karfiol, Edward, New York, N. Y. Shelf paper. 1,895,040; Jan. 24.
- Karfiol, Edward, New York, N. Y. Shelf paper. 1,895,041; Jan. 24.
- Karfiol, Edward, New York, N. Y. Container. 1,912,900; June 6.
- Karg, Frank J., Akron, Ohio. Brake actuator. 1,936,602; Nov. 28.
- Karge, Maxwell R., Brockport, N. Y. Refrigerating unit. 1,897,907; Feb. 14.
- Karger, David, Milwaukee, Wis. Knitted headwear. 1,920,200; Aug. 1.
- Karges, Henry J., and G. J. Zurstadt, assignors to Indiana Stove Works, Evansville, Ind. Oven burner. 1,924,042; Aug. 22.
- Karitzky, John, assignor to Henry B. Newhall Corporation, Garwood, N. J. Spring toggle. 1,939,983; Dec. 19.
- Karken, S. & Bros. (See Murnane, W. F., and De Lamar, assignors.)
- Karl, George, Altoona, Pa. Theft preventing device. 1,895,251; Jan. 24.
- Karl, George E., assignor, by mesne assignments, to The Dunham Company, Berea, Ohio. Rotary hoe. 1,911,623; May 30.
- Karl, Heinrich, Jersey City, N. J. Sanitary preserving can. 1,906,796; May 2.
- Karl, William A., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Tire construction. 1,904,981; Apr. 18.
- Karl, William E., and J. Vanderveen, Grand Rapids, Mich. Stand pedestal. Des. 90,848; Oct. 10.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine presser-foot. 1,901,752; Mar. 14.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Workholder for sewing machine darning operations. 1,905,907; Apr. 25.
- Karle, John D., Roselle Park, assignor to Diehl Manufacturing Company, Elizabeth, N. J. Commutator slotting machine. 1,911,574; May 30.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 1,916,171; June 27.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for zigzag stitching attachments. 1,928,593; Sept. 26.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Driving device. 1,932,974; Oct. 31.
- Karlin, Nathan A., Brooklyn, N. Y., assignor to Cabad Corporation of America. Changeable display device. 1,923,575; Aug. 22.
- Karlson, Frithiof L., Liberty, N. Y. Mirror. 1,921,755; Aug. 8.
- Karlstein, Gustav H., Tonawanda, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Method and apparatus to control the concentration of boiler waters. 1,938,072; Dec. 5.
- Karmac Inc. (See Karnell, Robert D., assignor.)
- Karmazin Engineering Company. (See Karmazin, John, assignor.)

- Karmazin, John, assignor to Karmazin Engineering Company, Detroit, Mich. Radiator. 1,940,804; Dec. 26.
- Karnath, Kurt, Zweibrücken, Germany. Valve. 1,904,467; Apr. 18.
- Karnell, Robert D., assignor to Karmac Inc., Cleveland, Ohio. Signal chime. Des. 89,281; Feb. 14.
- Karnes, James C., Buffalo, N. Y. Optical system. 1,892,893; Jan. 3.
- Karnes, James C., Buffalo, N. Y. Sound locating apparatus. 1,903,294; Apr. 4.
- Karnes, James C., Buffalo, N. Y. Sound locating apparatus. 1,907,996; May 9.
- Karnes, James C., Buffalo, N. Y. Sound locating apparatus. 1,908,022; May 9.
- Karnes, James C., Buffalo, N. Y. Apparatus for conducting training in gunnery. 1,939,706; Dec. 19.
- Karnes, James C., Buffalo, N. Y., and G. J. Kessenich, Madison, Wis. Training apparatus. 1,938,595; Dec. 12.
- Karnes, Orin E., Caldwell, Tex. Display stand. 1,905,908; Apr. 25.
- Karnes, Orin E., Caldwell, Tex. Display stand. 1,940,454; Dec. 19.
- Karnofsky, Joseph M., and J. E. Freedman, Waterbury, Conn. Waterproof bathing receptacle. 1,899,696; Feb. 28.
- Karns, George M., and L. H. Cretcher, Pittsburgh, Pa., assignor to Iodine Educational Bureau, Inc. Disinfecting solution. 1,903,614; Apr. 11.
- Karns, William C., Everett, Pa. Ventilator screen. 1,933,478; Oct. 31.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Recording and reproducing phonofilms. 1,901,033; Mar. 14.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Recording and reproducing phonofilms. 1,901,034; Mar. 14.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Reproducing acoustic film. 1,917,306; July 11.
- Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Demodulating circuit arrangement. 1,935,153; Nov. 14.
- Karolus, Eugene, Harper, Kans. Cow poke. 1,927,748; Sept. 19.
- Karp, Henry J., assignor to K. Karp, Faribault, Minn. Combined cabinet and folding table. 1,933,144; Oct. 31.
- Karp, Kenneth. (See Karp, Henry J., assignor.)
- Karpáti, Jenő, and M. G. Hübsch, Budapest, Hungary. Removal of phenols in a pure state from tars or tar oils. 1,934,861; Nov. 14.
- Karpen, S., & Bros. (See Dodge, Barnett F., assignor.)
- Karpen, S., & Bros. (See Hultgren, Charles R., assignor.)
- Karpen, S., & Bros. (See Karpen, S., and Kaspar, assignors.)
- Karpen, S., & Bros. (See Lofman, Charles, assignor.)
- Karpen, S., & Bros. (See Schneider, B. R., and Kaiser, assignors.)
- Karpen, S., & Bros., et al. (See Wunderlich, William E., assignor.)
- Karpen, S., & Bros. (See Zuelke, Edward F., assignor.)
- Karpen, Solomon, Chicago, Ill., and F. Kaspar, Huntington Park, Calif., assignors to S. Karpen & Bros., Chicago, Ill. Mattress and process of manufacture. 1,918,081; June 6.
- Karplus, Eduard, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Self-contained oscillator tube. 1,916,224; July 4.
- Karr, Alfred D., Newark, N. J., and K. D. Perkins, assignors to Audifren Refrigerating Machine Company, New York, N. Y. Method and apparatus for conditioning air. 1,904,468; Apr. 18.
- Karr, Charles, Company. (See Karr, Charles D., assignor.)
- Karr, Charles, Company. (See Karr, Francis, assignor.)
- Karr, Charles D., Holland, Mich. Spring assembly. 1,906,612; May 2.
- Karr, Charles D., Holland, Mich. Spring assembly. 1,918,399; July 18.
- Karr, Charles D., Holland, Mich. Spring assembly. 1,938,489; Dec. 5.
- Karr, Charles D., Holland, Mich., assignor to Charles Karr Company. Spring assembling machine. 1,922,002; Aug. 8.
- Karr, Francis, assignor, by mesne assignments, to Charles Karr Company, Holland, Mich. Spring assembly. 1,897,309; Feb. 14.
- Karrer, Paul, Zurich, assignor to Heberlein & Co., A. G., Wattwil, Switzerland. Treating cellulose and product therefrom. 1,897,026; Feb. 7.
- Karrick, Lewis C., Salt Lake City, Utah. Destructive distillation of carbonaceous material. 1,894,691; Jan. 17.
- Karrick, Lewis C., Salt Lake City, Utah. Distillation of solid carbonaceous material. 1,901,169; Mar. 14.
- Karrick, Lewis C., Salt Lake City, Utah. Gasification of carbonaceous material. 1,901,170; Mar. 14.
- Karrick, Lewis C., and W. L. Ellerbeck, Salt Lake City, Utah. Apparatus for calcining gypsum. 1,897,259; Feb. 14.
- Karrick, Lewis C., New York, N. Y. Valve. 1,899,154; Feb. 28.
- Karrick, Lewis C., New York, N. Y. Improving the properties of solid fuel by low-temperature carbonization. 1,906,755; May 2.
- Karrick, Lewis C., New York, N. Y. Underground gasification of carbonaceous material-bearing substances. 1,913,395; June 13.
- Karrick, Lewis C., New York, N. Y. Process and apparatus for carbonizing coal. 1,923,213; Aug. 22.
- Karrick, Lewis C., New York, N. Y. Retort. 1,938,596; Dec. 12.
- Karrick, Samuel N., Baltimore, Md. System of mining oil shales. 1,919,636; July 25.
- Karron, Abraham B., and D. E. Karron, Brooklyn, N. Y. Pocketbook frame. 1,932,019; Oct. 24.
- Karron, David, Brooklyn, N. Y. Hand bag. Des. 90,770; Sept. 26.
- Karron, David, Brooklyn, N. Y. Hand bag. Des. 90,771; Sept. 26.
- Karron, David, Brooklyn, N. Y. Handbag. Des. 90,808; Oct. 3.
- Karron, David, Brooklyn, N. Y. Hand bag. 1,919,333; July 25.
- Karron, David, Brooklyn, N. Y. Hand bag and similar receptacle. 1,925,487; Sept. 5.
- Karron, David, Brooklyn, N. Y. Hand bag and similar receptacle. 1,939,056; Dec. 12.
- Karron, David E. (See Karron, Abraham B., and D. E.)
- Karshner, George C., Detroit, Mich. Tree fertilizer. 1,893,707; Jan. 10.
- Karst, Henry C., Sonoma, Calif. Drinking fountain for poultry. 1,903,767; Apr. 18.
- Karstedt, Lorraine C., Watsonville, Calif. Brush cutter. 1,894,516; Jan. 17.
- Kartaschoff, Valentin. (See Leemann, H., and Kartaschoff.)
- Kartaschoff, Valentin, assignor to Firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of metalliferous sulphurized phenol derivatives. 1,931,197; Oct. 17.
- Kartzmark, Otto, West Haven, Conn. Door stop and catch. 1,923,933; Aug. 22.
- Kasanof, Maurice M., New York, N. Y. Steaming unit for tentering machines. 1,914,024; June 13.
- Kasantzé, Florentin, Berlin, Germany. Triple valve for compressed air brakes. 1,936,966; Nov. 28.
- Kasch, Charles H., Rockford, Ill. Hydraulic clutch. 1,936,627; Nov. 28.
- Kasch, Henry J., assignor to The Kurz-Kasch Company, Dayton, Ohio. Pointer knob. Des. 90,772; Sept. 26.
- Kasch, Henry J., assignor to The Kurz-Kasch Company, Dayton, Ohio. Hollow knob. 1,929,188; Oct. 3.
- Kasdan, Nathan, New York, N. Y. Pocketbook frame. 1,914,352; June 13.
- Kaseltz, Oscar, Berlin, Germany. Production of potassium nitrate. 1,893,945; Jan. 10.
- Kaseltz, Oscar, Berlin, Germany. Production of calcium nitrate. 1,893,946; Jan. 10.
- Kaseltz, Oscar, Berlin, Germany. Recovery of magnesia from minerals. 1,910,169; May 23.
- Kaseltz, Oscar, Berlin, Germany. Producing potassium nitrate. 1,925,587; Sept. 5.
- Kaseltz, Oscar, Berlin, Germany. Producing brominated organic compounds. 1,932,590; Oct. 31.
- Kaseltz, Oscar, Berlin, Germany. Production of alkali metal sulphates. 1,939,174; Dec. 12.
- Kaser, Everett D., assignor to Durabilt Steel Locker Co., Aurora, Ill. Group control means for lockers. 1,910,550; May 23.
- Kashiwagi, Kosuke, Bofucho, Japan. Restoring device for clinical thermometer receptacles. 1,929,696; Oct. 10.
- Kask, Alexander, San Mateo, Calif. Combined table and bookcase. 1,893,551; Jan. 10.
- Kask, Alexander, San Mateo, Calif. Swimming appliance. 1,894,874; Jan. 17.
- Kaspar, Charles J., Baltimore, Md. Enamel formula. 1,933,437; Oct. 31.
- Kaspar, Frank. (See Karpen, Solomon, and Kaspar.)
- Kasper, Louis, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Warp stop motion. 1,925,051; Aug. 29.
- Kass, Irving, New York, N. Y. Applying material. 1,899,391; Feb. 28.
- Kass, Peter, and G. S. Goodwin, assignors to Union Metal Products Company, Chicago, Ill. Buffing device for railway car vestibule diaphragms. 1,923,441; Aug. 22.
- Kassel, Charles. (See Regenhardt, T. R., and Kassel.)
- Kassel, Louis S. (See Frazer, J. C. W., and Kassel.)
- Kassick, William J., Newark, N. J., assignor to General Electric Company. Hinge. 1,918,040; July 11.
- Kassmair, Jacob, Chicago, Ill. Spacer for reinforcement rods. 1,911,957; May 30.
- Kasson, Charles L., Mattapan, Mass. Testing. 1,905,412; Apr. 25.
- Kast, Edward R., and J. H. McElroy, Pearl River, assignors to Dexter Folder Company, New York, N. Y. Sheet feeding and trimming mechanism. 1,937,576; Dec. 5.
- Kastar Specialty Mfg. Co. (See Lambert, Herbert, assignor.)
- Kasten, Ewald F., Watertown, Wis. Cheese mold. 1,924,500; Aug. 29.
- Kaster, James J. (See Overstreet, Mont E., assignor.)
- Kaster, Joseph D., assignor to Oregon Pulp and Paper Company, Salem, Ore. Automatic felt washer for paper machines. 1,898,545; Feb. 21.
- Kastner, Charles A., Louisville, Ky. Rotatable pan for bread baking. 1,899,335; Feb. 28.
- Katches, Inc. (See Fitzgerald, William H. J., assignor.)

- Katches Inc. (See Loughman, William F., assignor.)
 Kater, Allister C., sr., and J. P. Humason, Houston, Tex. Pump. 1,930,839; Oct. 17.
 Kates, Abraham, Philadelphia, Pa. Spectacles. 1,919,731; July 25.
 Kathner, Arthur T., Pittsburgh, Pa. Pyrometer tube. 1,937,199; Nov. 28.
 Katleman, Carl C., et al. (See Murray, Alan R., assignor.)
 Katona, Lajos, Budapest, Hungary. Rail joint and producing same. 1,907,979; May 9.
 Kattrein, William J., assignor to Watervliet Tool Company, Inc., Albany, N. Y. Glaze breaking tool for bushings and bearings. 1,931,498; Oct. 24.
 Katz, Adolph, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Jewelry. 1,937,347; Nov. 28.
 Katz, Alexander S., Brooklyn, N. Y. Latch or similar article. Des. 89,963; May 23.
 Katz, Alexander S., Brooklyn, N. Y. Shelving construction. 1,904,052; Apr. 18.
 Katz, Alexander S., Brooklyn, N. Y. Lock. 1,904,053; Apr. 18.
 Katz, Alexander S., Brooklyn, N. Y. Closure operating device. 1,908,984; May 16.
 Katz, Eugen, Berlin-Charlottenburg, Germany, assignor to Keyes Container Corporation, Boston, Mass. Apparatus for molding hollow articles. 1,914,131; June 13.
 Katz, Morris, New York, N. Y. Shopping bag. 1,898,838; Feb. 21.
 Katz, Russell S., Hamilton, Ohio. Merchandising or fluid dispensing structure. Des. 89,112; Jan. 24.
 Katzenmoyer, Harry E., Rosedale, assignor to Fisher Hosiery Co. Inc., Reading, Pa. Form for supporting hosiery for cutting float threads. 1,939,352; Dec. 12.
 Katzman, Max, Utica, N. Y. Electric vaporizer. 1,922,958; Aug. 15.
 Katzman, Max, Utica, N. Y. Electric vaporizer. 1,927,316; Sept. 19.
 Kauch, Robert. (See Inglis, H. B., Paulus, and Kauch.)
 Kauch, Robert. (See Paulus, C. L., and Kauch.)
 Kaufels, Otto. (See Voigtlander, H., and Kaufels.)
 Kaufman, Albert J., assignor to Trans Ad Incorporated, New York, N. Y. Changeable exhibitor. 1,920,084; July 25.
 Kauffman, George C., Philadelphia, and E. J. Gallagher, 3d, Doylestown, Pa. Fastening device. 1,916,225; July 4.
 Kauffman, Irvin H., Detroit, and A. M. Williams, Dearborn, Mich. Dispensing apparatus. 1,893,708; Jan. 10.
 Kauffman, John H., Eustis, Fla. Irrigation device. 1,935,295; Nov. 14.
 Kauffman, Luther L., Rochester, N. Y. Flush valve. 1,928,130; Sept. 26.
 Kauffman, Mina. (See Davidson, Louis, assignor.)
 Kauffman, Samuel, assignor to American Metal Products Corporation (Delaware), St. Louis, Mo. Radiator shield. 1,892,954; Jan. 3.
 Kauffman, Thomas J., Grosse Pointe Village, assignor to Square D Company, Detroit, Mich. Steering wheel attachment. 1,901,171; Mar. 14.
 Kauffman, Walter L., 2d, Youngstown, Ohio, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,925,807; Sept. 5.
 Kauffmann, Hans, Philadelphia, Pa., assignor to Buffalo Electro-Chemical Co. Inc., Buffalo, N. Y. Bleaching fibers. 1,908,481; May 9.
 Kauffer, Felix. (See Halbig, P., and Kauffer.)
 Kaufman, Charles, Cleveland, Ohio, assignor to Pittsburgh Screw and Bolt Corporation, Pittsburgh, Pa. Making screws and bolts. 1,933,737; Nov. 7.
 Kaufman, Christian L., Hudson, Ill. Hand cultivating implement. 1,914,745; June 20.
 Kaufman, Daniel L. (See Henney, C. F., and Kaufman.)
 Kaufman, Daniel L., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,930,520; Oct. 17.
 Kaufman, Fred, Bloomington, Ill. Article securing pin. 1,939,984; Dec. 19.
 Kaufman, Harold J., et al. (See Stepanian, Stephen, assignor.)
 Kaufman, Isaac. (See Olefsky, M., and Kaufman.)
 Kaufman, Isaac, et al. (See Zaiden, David, assignor.)
 Kaufman, Jacob, et al. (See Zaiden, David, assignor.)
 Kaufman, Jacob L., New York, N. Y. Animal toy and producing the same. 1,911,512; May 30.
 Kaufman, Jacob M., Detroit, Mich., assignor to American Show Case & Manufacturing Company. Merchandise display tray. 1,932,217; Oct. 24.
 Kaufman, Ludwig, Berlin-Wilmersdorf, Germany. Triaryl stibine solution. 1,917,207; July 4.
 Kaufman, Morris P., San Francisco, Calif. Means for treating and protecting corns. 1,913,928; June 13.
 Kaufman Rubber Company Limited, The. (See Howard, Julian C., assignor.)
 Kaufman, Samuel, et al. (See Zaiden, David, assignor.)
 Kaufman, Walter F. (See George, A. M., and Kaufman.)
 Kaufman, Walter F., and J. C. McCarthy, assignors to Armstrong Cork Company, Lancaster, Pa. Floor covering. 1,940,306; Dec. 19.
 Kaufmann, Alois, Vienna, Austria. Pocket lighter. 1,896,140; Feb. 7.
 Kaufmann, Hans, Jena, Germany. Making silicic compounds. 1,918,338; July 18.
 Kaufmann, Henry L., Newton, Mass. Mattress protector. 1,892,841; Jan. 3.
 Kaufmann, Henry L., Newton, Mass. Broom handle buffer. 1,937,348; Nov. 28.
 Kaufmann, James J., Bayside, assignor to Doughnut Machine Corporation, New York, N. Y. Display device. 1,897,558; Feb. 14.
 Kaufmann, John, Astoria, N. Y., assignor to First National Bank, Toledo, Ohio. Waxing and polishing device. 1,936,360; Nov. 21.
 Kaufmann, John, Astoria, N. Y., assignor to First National Bank, Toledo, Ohio. Polishing implement. 1,936,361; Nov. 21.
 Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle. 1,893,288; Jan. 3.
 Kaufmann, Joseph, Cleveland, Ohio. Combined clearer, waxer, and tension device. 1,903,546; Apr. 11.
 Kaufmann, Phillip H., Cleveland Heights, Ohio. Book pad, and tablet, and line ruler therefor. 1,901,246; Mar. 14.
 Kaufmann, Werner. (See Kesselring, F., Kaufmann, and Duffing.)
 Kaufmann, Wilhelm, assignor to The Hanson-Whitney Machine Company, Hartford, Conn. Tolerance gauge. 1,913,674; June 13.
 Kaul, John, assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Nonlinear variable resistance element. 1,939,902; Dec. 19.
 Kaumagraph Company. (See Lawrence, Winthrop S., assignor.)
 Kaumagraph Company. (See Porges, George M., assignor.)
 Kaun, Eugen. (See Hopkinson, J., and Kaun.)
 Kaunitz, László. (See Klein, P., Gábor, and Kaunitz.)
 Kaupke, Lee H., assignor to The Rock Island Plow Company, Rock Island, Ill. Hay loader. 1,902,243; Mar. 21.
 Kaupke, Lee H., assignor to Rock Island Plow Company, Rock Island, Ill. Fertilizer attachment. 1,908,255; May 9.
 Kautier, Wolfgang, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Automatic gain control. 1,931,660; Oct. 24.
 Kautto, Matt. (See Pohjola, Tony A., assignor.)
 Kavalco Products, Inc. (See Hubacher, Max H., assignor.)
 Kavalco Products, Inc. (See North, Clayton O., assignor.)
 Kavalco Products, Inc. (See Roberts, Harold P., assignor.)
 Kavanagh, James F., Calumet City, Ill., assignor to The Superheater Company, New York, N. Y. Boiler. 1,896,241; Feb. 7.
 Kavanagh, James F., Calumet City, Ill., assignor to The Superheater Company, New York, N. Y. Baffle for straight tube boilers. 1,920,798; Aug. 1.
 Kavanaugh, Floyd J., Galveston, Tex. Copyholder. 1,899,759; Feb. 28.
 Kavanaugh, Henry E., Chicago, Ill. Controlling device. 1,899,807; Feb. 28.
 Kawasaki, Goro, Los Angeles, Calif. Squeezing mop. 1,932,466; Oct. 31.
 Kawneer Company, The. (See Plym, Francis J., assignor.)
 Kawneer Company, The. (See Toney, Henry W., assignor.)
 Kay, Alfred H., Alderley Edge, near Manchester, England. Foot instep support. 1,924,792; Aug. 29.
 Kay-Brunner Steel Products, Inc. (See Kay, Lloyd D., assignor.)
 Kay, Edgar B., deceased, Washington, D. C., F. M. Kay, executrix. Furnace. 1,914,746; June 20.
 Kay and Ess Chemical Corporation, The. (See Phillippi, Dale M., assignor.)
 Kay, Florence M., executrix. (See Kay, Edgar B.)
 Kay, Frank W., assignor to American Engineering Company, Philadelphia, Pa. Domestic type stoker. 1,918,396; June 13.
 Kay, Lloyd D., Los Angeles, Calif. Molding apparatus and method. 1,911,757; May 30.
 Kay, Lloyd D., Los Angeles, Calif., assignor, by mesne assignments, to Kay Brunner Steel Products, Inc. Automobile wheel. 1,928,896; Oct. 3.
 Kay, Lloyd D., Los Angeles, Calif., assignor to Kay-Brunner Steel Products Inc. Truck wheel. 1,928,897; Oct. 3.
 Kay Machinery Company, The. (See Schmerheim John F., assignor.)
 Kay, Marie, Ltd. (See Cohen, Otto J., assignor.)
 Kay, Oscar J., assignor to General Water Heater Corporation, Los Angeles, Calif. Thermostatic pilot control. 1,908,765; May 16.
 Kay, William H., and E. McDaniel, St. Louis, Mo. Headlight. 1,902,860; Mar. 28.
 Kayatt, Philip J. (See Marvin, S. F., and Kayatt.)
 Kaye, John W., Luling, Tex. Closure cap securing attachment for containers. 1,912,277; May 30.
 Kaye, John W., Luling, Tex. Closure cap securing device for containers. 1,924,242; Aug. 29.
 Kaye, Lewis F., North Hempstead, N. Y. Vehicle for the collection of and the compressing of refuse and the like. 1,908,899; May 16.
 Kayko, Charles J., assignor, by mesne assignments, to The Sparks-Withington Company, Jackson, Mich. Vacuum tube. 1,921,619; Aug. 8.
 Kayko, Charles J., assignor to The Sparks-Withington Company, Jackson, Mich. Glow tube apparatus. 1,921,620; Aug. 8.

- Kayko, Charles J., assignor, by mesne assignments, to Sparks-Withington Company, Jackson, Mich. Vacuum tube construction. 1,935,719; Nov. 21.
- Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 1,905,641; Apr. 25.
- Kayner, Morris S., Caguas, P. R. Cigar and making same. 1,924,993; Aug. 29.
- Kayser, Christian R. (See Cuffel, Roy O., assignor.)
- Kayser, Christian R., Los Angeles, Calif. Table. Des. 90,849; Oct. 10.
- Kayser, Christian R., Los Angeles, Calif. Chair. Des. 90,850; Oct. 10.
- Kayser, Christian R., Los Angeles, Calif. Buffet. Des. 90,851; Oct. 10.
- Kayser, Christian R., Los Angeles, Calif. Bed. Des. 90,887; Oct. 17.
- Kayser, Christian R., Los Angeles, Calif. Vanity dresser. Des. 90,888; Oct. 17.
- Kayser, Daniel P. A. A., Paris, France. Apparatus and obtaining lighting of luminescent tubes. 1,939,903; Dec. 19.
- Kayser, Julius & Co. (See Beniston, William J., assignor.)
- Kaz, Samuel J., Chicago, Ill. Liquid dispenser or the like. Des. 90,622; Sept. 5.
- Kaz, Samuel J., Chicago, Ill. Liquid dispenser or the like. Des. 90,809; Oct. 3.
- Kaz, Samuel J., Chicago, Ill. Combined table lamp and stand or the like. Des. 90,915; Oct. 24.
- Kaz, Samuel J., Chicago, Ill. Serving tray or the like. Des. 91,032; Nov. 14.
- Kazenmaier, August, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Brake operating mechanism. 1,940,550; Dec. 19.
- Kazmann, Boris, Brooklyn, N. Y. Apparatus for deriving oil and quiklime from bituminous lime stone. 1,908,256; May 9.
- Kazorian, Walter, San Quentin, Calif. Fruit juice extractor. 1,933,738; Nov. 7.
- Keagle, Albert B., Butler, Pa. License plate holder. 1,913,082; June 6.
- Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 1,932,549; Oct. 31.
- Kean, Otho V., New Haven, Conn. Leaf stemming machine. 1,926,776; Sept. 12.
- Kean, Robert H., assignor to General Zeolite Co., Chicago, Ill. Liquid purification. 1,901,652; Mar. 14.
- Keane, Catherine M., and J. O. Keane, Brooklyn, N. Y. Nursing bottle holder. 1,911,901; May 30.
- Keane, Joseph O. (See Keane, Catherine M. and J. O.)
- Kearney, James B., assignor of one-half to G. J. Johnson, Marlboro, Mass. Antiskid device. 1,921,192; Aug. 8.
- Kear, Frank G. (See Diamond, H., and Kear.)
- Kear, Frank G., Minersville, Pa., assignor to the Government of the United States. Radio beacon course shifting method. 1,923,934; Aug. 22.
- Kearfoot Engineering Company. (See Kræmer, Waldo L., assignor.)
- Kearney, Daniel P., Royal Oak, Mich., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starting mechanism. 1,897,938; Feb. 14.
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine structure. 1,923,935; Aug. 22.
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool organization. 1,935,847; Nov. 21.
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Knee type milling machine. 1,938,661; Dec. 12.
- Kearney, Edward J., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Indexing mechanism. 1,939,266; Dec. 12.
- Kearney, Edward J., and J. B. Armitage, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 1,892,894; Jan. 3.
- Kearney, Edward J., and J. B. Armitage, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 1,903,114; Mar. 28.
- Kearney, Frank, La Crosse, Wis. Cardboard box. 1,929,144; Oct. 3.
- Kearney, George E., New York, assignor of one-half to E. M. Kelly, New Rochelle, N. Y. Ice cube carrier. 1,928,594; Sept. 26.
- Kearney, James R., Corporation. (See Bay, Charles A., assignor.)
- Kearney, James R., Corporation. (See Fox, Charles A., assignor.)
- Kearney, James R., Corporation. (See Trescott, John B., assignor.)
- Kearney, James R., Corporation. (See Trescott, J. B., and Baker, assignors.)
- Kearney, Louis F. (See Statler, H. P., Kearney, and Baylor.)
- Kearney, Patrick J., Toronto, Ontario, Canada. Manually operated press. 1,920,750; Aug. 1.
- Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
- Kearney & Trecker Corporation. (See Curtis, Frank W., assignor.)
- Kearney & Trecker Corporation. (See Kearney, Edward J., assignor.)
- Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)
- Kearns, Bernard A., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,767; Dec. 12.
- Kearns, Michael I., Allentown, assignor to Fuller Lehigh Company, Fullerton, Pa. Steam boiler. 1,940,132; Dec. 19.
- Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Time switch. 1,902,508; Mar. 21.
- Keating, Clarence S., Chicago, Ill. Cheese servette. Des. 89,992; May 23.
- Keating, Clarence S., assignor to The Friedman Manufacturing Company, Chicago, Ill. Compotier. Des. 89,617; Apr. 18.
- Keating, Edward, Chicago, Ill. Bath apparatus. 1,932,788; Oct. 31.
- Keating, John H., Lakewood, and J. W. Coates, Cleveland, Ohio. Lubricant applicator for polishing wheels and the like. 1,919,026; July 18.
- Keating, Maurice H., assignor to H. D. Hudson Manufacturing Company, Minneapolis, Minn. Chicken feeder. 1,894,772; Jan. 17.
- Keaton, Frank H. (See Bettison, D. C., and Keaton.)
- Keats, John L. (See Jacobson, R. A., and Keats.)
- Kebler, Leonard, Bronxville, N. Y., assignor to Ward Leonard Electric Company. Resistance unit. 1,902,861; Mar. 28.
- Ke-Bond Company. (See Bixby, John L., assignor.)
- Keck, Arthur, Dayton, Ohio, assignor, by mesne assignments, to Better Packages, Inc. Gummed tape moistener. 1,923,936; Aug. 22.
- Keck, Daniel H., Appleton, assignor to Paper Patents Company, Nennah, Wis. Heating system. 1,920,567; Aug. 1.
- Kee, William B., Atlanta, Ga. Hoe. 1,902,705; Mar. 21.
- Keebler, Howard M., Norwood, and F. Strattnr, Lansdowne, Pa. Electric switch. 1,933,062; Oct. 31.
- Keech, Dana E., Glendale, Calif. Conveyer control. 1,899,336; Feb. 28.
- Keech, Dana E., Glendale, Calif. Conveyer control. 1,899,337; Feb. 28.
- Keech, Dana E., Glendale, Calif. Conveyer control. 1,899,338; Feb. 28.
- Keech, Dana E., Glendale, and J. N. Adams, Orange, Calif. Feed mechanism. 1,939,985; Dec. 19.
- Keefe, James E., Chicago, Ill. Dental instrument. 1,913,598; June 13.
- Keefe, Lonnie L., Hyman, assignor of one-third to J. E. Bostick, Pamplico, and one-third to J. B. Poston, Hyman, S. C. Sweet potato vine cutter. 1,937,428; Nov. 28.
- Keefe, Thomas M., Boston, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Shelf bracket. 1,913,988; June 13.
- Keefe, Clarence E., and F. C. Wachter, Baltimore, Md., assignors to The Dorr Company, Inc., New York, N. Y. Sewage treating apparatus. 1,892,688; Jan. 3.
- Keefe, Walter L., assignor to H. G. Wolf, Chambersburg, Pa. Vibratory screen. 1,925,447; Sept. 5.
- Keefe, William F., Flint, Mich., assignor to Liberty Baking Corporation, New York, N. Y. Baking process. 1,929,358; Oct. 3.
- Keeffe, James H., Sioux City, Iowa. Roof structure. 1,938,024; Dec. 5.
- Keegin, S., Warwick, et al. (See Wright, Leonard K., assignor.)
- Keele, Ralph M., assignor, by mesne assignments, to Duart Manufacturing Co. Ltd., San Francisco, Calif. Hair waver. 1,906,756; May 2.
- Keele, Ralph M., assignor, by mesne assignments, to Duart Manufacturing Co. Ltd., San Francisco, Calif. Hair waving apparatus. 1,910,842; May 23.
- Keele, Ralph M., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving protector. 1,933,913; Nov. 7.
- Keele, Ralph M., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus and method. 1,936,674; Nov. 28.
- Keele, Ralph M., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving shield. 1,937,041; Nov. 28.
- Keeler Brass Company. (See Keeler, Isaac S., assignor.)
- Keeler Brass Company. (See Roossien, E. J., and Jake-way, assignors.)
- Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Catch for automobile hoods and like closures. 1,926,102; Sept. 12.
- Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Drawer pull. 1,940,307; Dec. 19.
- Keeler, William W., assignor of one-half to T. E. Carroll, Washington, D. C. Window screen. 1,935,122; Nov. 14.
- Keeling, Elijah. (See Hale, A. T. C., and Keeling.)
- Keeling, Stanley H. (See North, Stanley C., assignor.)
- Keely, Clifford D., Bloomfield, N. J., and H. T. Peirson, Brooklyn, N. Y. Book cabinet. 1,923,096; Aug. 22.
- Keeman, Walter F., jr., Pelham Manor, N. Y., and J. S. Wetherald, Fanwood, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Air preheater. 1,914,604; June 20.
- Keen, Eliot, Jackson Heights, N. Y. Directional instrument. 1,932,412; Oct. 31.
- Keen, Thomas A., St. Louis, Mo., assignor to Hannah M. Smith, River Forest, Ill. Dog starting apparatus. 1,910,252; May 23.

- Keen, Thomas A., St. Louis, Mo., assignor to H. M. Smith, River Forest, Ill. Dog starting apparatus. 1,938,183; Dec. 5.
- Keen, William H., Albany, assignor to Chas. W. Gutzzeit, New York, N. Y. Stainless iron and producing the same. 1,905,721; Apr. 25.
- Keen, William H., Albany, assignor to Chas. W. Gutzzeit, New York, N. Y. Corrosion resisting steel. 1,920,934; Aug. 1.
- Keenan, John. (See Barrett, J. H., and Keenan.)
- Keenan, John, Cincinnati, Ohio. Hair trimmer and dresser. Re18,781; Mar. 28.
- Keenan, Robert J. (See Trautner, N. W., and Keenan.)
- Keenan, Walter F., jr., Pelham, assignor to Foster Wheeler Corporation, New York, N. Y. Superheater boiler. 1,934,072; Nov. 7.
- Keenan, Walter M., assignor, by mesne assignments, to Metropolitan Engineering Company, New York, N. Y. Manufacture of cement. 1,932,467; Oct. 31.
- Keenan, William J., assignor of one-half to S. W. Sears, Minneapolis, Minn. Inking ribbon for printing presses. 1,939,557; Dec. 12.
- Keene, Charles W., Los Angeles, Calif. Brake drum. 1,937,702; Dec. 5.
- Keener, Wendell C., Princeton, Ill. Aerial sign. 1,917,978; July 11.
- Keeney, Don E. (See Zubaty, J., and Keeney.)
- Keeney, Robert M., and J. F. Ferm, Midland, Pa. Rolling mill. 1,918,968; July 18.
- Keeran, Charles R., Evanston Ill. Pencil. 1,895,130; Jan. 24.
- Keeran, Charles R., Evanston, Ill., assignor, by mesne assignments, to Eagle Pencil Company, Inc., New York, N. Y. Mechanical pencil. 1,932,371; Oct. 24.
- Kees, Ernest G. (See Baker, Benjamin G.)
- Keese, Beverly W., Oshkosh, Wis., assignor to the Timken-Detroit Axle Company, Detroit, Mich. Double reduction dual driving axle unit. 1,906,613; May 2.
- Keese, Beverly W., assignor to Wisconsin Axle Company, Oshkosh, Wis. Brake mechanism. 1,933,671; Nov. 7.
- Keese, Frank E., jr., Iron River, Mich. Combination fuse holder and lighter. 1,902,706; Mar. 21.
- Keese, Matthew F., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Resoiling device. 1,935,638; Nov. 21.
- Keeshan, William T., Navesink, N. J. Container and applicator. 1,935,639; Nov. 21.
- Keet, Thomas W., Johannesburg, Transvaal, Union of South Africa. Pan and ball mill. 1,908,900; May 16.
- Keeth, James, Spokane, Wash. Plastic composition. 1,926,543; Sept. 12.
- Keizerreis, Claude S., and J. B. Lindecker, assignors to The Tillotson Manufacturing Company, Toledo, Ohio. Air cleaner. 1,934,311; Nov. 7.
- Keil, Zoltan J., Hollywood, Calif., and H. M. Larsen, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for determining characteristics of a fluid. 1,918,270; July 18.
- Kégresse, Adolphe, Courbevoie, France. Endless track vehicle. 1,910,798; May 23.
- Kégresse, Adolphe, Courbevoie, France. Endless track vehicle. 1,922,768; Aug. 15.
- Kehoe, Thomas J., Perrysburg, Ohio. Air conditioner. 1,903,339; Apr. 4.
- Kehoe, William E., San Francisco, Calif. Combination base and column for display stand. Des. 89,197; Feb. 7.
- Kehoe, William E., San Francisco, Calif. Combination base and column for display stand. Des. 89,198; Feb. 7.
- Kehoe, William E., San Francisco, Calif. Combination base and column for display stand. Des. 89,241; Feb. 7.
- Kehr, Cyrus. (See Harvey, Jacquelin E., jr., assignor.)
- Keicher, Josef, New York, N. Y. Combination chair and table. 1,907,322; May 2.
- Keidel, Frank, Elmhurst, N. Y., assignor to The International Seal and Knot Protector Co., New York, N. Y. Sealing device. 1,930,559; Oct. 17.
- Keidel, Frank, Elmhurst, assignor to The International Seal and Knot Protector Co., New York, N. Y. Seal. 1,930,560; Oct. 17.
- Keiding, Andrew. (See Huff, E., and Keiding.)
- Keil, Francis, & Son, Inc. (See Keil, Henry F., assignor.)
- Keil, Francis, & Son, Inc. (See Kniesner, William T., assignor.)
- Keil, Henry F., Scarsdale, N. Y. Construction for display cases and the like. 1,907,117; May 2.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Attachment for doors. 1,901,303; Mar. 14.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Shelf bracket construction. 1,931,321; Oct. 17.
- Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 1,938,339; Dec. 5.
- Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Current transformer. 1,910,253; May 23.
- Keinath, George. (See Schrader, C., Keinath, Polin, and Ritz.)
- Keir, James M., Bayside, N. Y., assignor to Oxweld Acetylene Company, Arc welding rod. 1,921,528; Aug. 8.
- Keir, Stephen. (See Dunkerley, A. G., and Keir.)
- Keiser, Bernhard. (See De Groote, M., and Keiser.)
- Keiser, Bernhard. (See De Groote, M., Keiser, and Wirtel.)
- Keiser, Charles R., assignor to The Serton Rubber Company, Dayton, Ohio. Manufacturing rubber soles. 1,905,909; Apr. 25.
- Keiser, Herman L., Omaha, Nebr. Barbed wire reel. 1,892,785; Jan. 3.
- Keister, James, Steubenville, Ohio. Internal combustion engine. 1,902,130; Mar. 21.
- Keith, Clyde R., London, England, assignor to Electrical Research Products, Inc., New York, N. Y. Sound film recording apparatus. 1,931,025; Oct. 17.
- Keith, Clyde R., London, and C. H. Fetter, Aldwych, London, England, assignors to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 1,933,267; Oct. 31.
- Keith, David F., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Thermal shield for the freezing space of refrigeration apparatus. 1,901,845; Mar. 14.
- Keith, David F., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Automatic control for intermittent absorption refrigeration apparatus. 1,918,969; July 18.
- Keith, David F., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Automatic control for absorption refrigerating machines. 1,918,970; July 18.
- Keith, Geo. E., Company. (See Caldwell, Charles H., assignor.)
- Keith, Henry M., Harrisburg, Ill. Vacuum cleaner. 1,901,519; Mar. 14.
- Keith, Henry M., Harrisburg, Ill. Oil and liquor dispensing device. 1,901,815; Mar. 14.
- Keith, James I., Detroit, Mich. Holster. 1,917,844; July 11.
- Keith, John D., Maysville, Ky. Combination rear view mirror and memorandum device. 1,909,362; May 16.
- Keith, Wilfred D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Purifying aluminum. 1,918,339; July 18.
- Keith, William M., Youngstown, Ohio. Angle changer for tools. 1,914,025; Aug. 13.
- Keizer, Gerben, Settlers Township, Sioux County, Iowa. Tool. 1,915,892; June 27.
- Keizer, Harold, Concord, Mass. Waffle extractor. 1,919,469; July 25.
- Kekich, Thomas M., Los Angeles, Calif. Treating liquid matte. 1,922,301; Aug. 15.
- Kelco Company. (See Walsh, Michael J., assignor.)
- Keldur Corporation. (See Schluter, Ernst, assignor.)
- Kell, George. (See Van Kirk, Bradley, assignor.)
- Kell, Ray D. (See Alexanderson, E. F. W., and Kell.)
- Kell, Raymond W., and C. D. Barth, assignors to Macbeth-Evans Glass Company, Charleroi, Pa. Coffee maker. 1,927,287; Sept. 19.
- Kell, Raymond W., and C. D. Barth, assignors to Macbeth-Evans Glass Company, Charleroi, Pa. Coffee maker. 1,931,076; Oct. 17.
- Kellan, Edward L., Chicago, Ill. Mixing valve. 1,938,454; Dec. 5.
- Kellar, Peter H., San Francisco, Calif. Bed. 1,925,637; Sept. 5.
- Kelle, Arthur C., Milton, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Casing and insulating lining therefor. 1,907,827; May 9.
- Kelleher, Daniel, Berea, Ohio. Work handling mechanism. 1,926,048; Sept. 12.
- Kellems, Edgar E., Baldwin, N. Y., assignor to American Telephone and Telegraph Company. Cable bender. 1,915,423; June 27.
- Kellen, Henry, et al. (See Kokege, Anton, assignor.)
- Kellenberger, Leonhard, St. Gallen, Switzerland. Tool grinding machine. 1,897,055; Feb. 14.
- Kellenberger, Leonhard, St. Gallen, Switzerland. Milling machine with rigid frame. 1,932,824; Oct. 31.
- Keller, Adolph, St. Louis, Mo. Combination table top and rotatable tray. 1,903,419; Apr. 11.
- Keller, Albert A., Milwaukee, Wis. Portable gas lighter. 1,913,448; June 13.
- Keller, Andreas R., Lombard, Ill. Strainer tank. 1,925,730; Sept. 5.
- Keller, Andreas R., Lombard, Ill. Sieve. 1,925,731; Sept. 5.
- Keller, Arthur C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording. 1,910,254; May 23.
- Keller, Arthur C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording and reproducing system. 1,918,271; July 18.
- Keller, Auguste V., Thundersley, England. Tile. 1,895,801; Jan. 31.
- Keller, Charles G. (See Sargent, W. D., and Keller.)
- Keller, Charles G., Hyde Park, N. Y. Vehicle wheel. 1,893,947; Jan. 10.
- Keller, Charles G., Hyde Park, N. Y. Vehicle wheel. 1,896,821; Feb. 7.
- Keller, Charles G., Hyde Park, N. Y. Hub adapter. 1,908,024; May 9.
- Keller, Charles G., Poughkeepsie, N. Y. Vehicle wheel. 1,896,794; Feb. 7.
- Keller, Charles L. (See Fisher, H. C., and Keller.)
- Keller, Charles L., Chicago, Ill. Bridge. 1,897,056; Feb. 14.
- Keller, Charles L., Glendale, assignor to Richardson Company, Lockland, Ohio. Paper board. 1,897,198; Feb. 14.

- Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Making shipping containers. 1,913,055; June 6.
- Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Cylindrical and the like container made of composite materials. 1,924,609; Aug. 29.
- Keller-Dorian Colorfilm Corporation. (See Kitroser, Isaac, assignor.)
- Keller-Dorian Colorfilm Corporation. (See Vidal, Jean L., assignor.)
- Keller-Dorian Colorfilm Corporation of America. (See Oswald, André, assignor.)
- Keller, Edward L., Pittsburgh, Pa. Indicating mechanism for electric measuring devices. 1,935,093; Nov. 14.
- Keller, Edward M., Detroit, Mich. Adjustable anti-glare device. 1,928,666; Oct. 3.
- Keller, Fred, and C. M. Craighead, New Kensington, Pa. Aluminum alloy. 1,910,861; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,077; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,078; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,079; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,080; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,081; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,082; May 23.
- Keller, Fred, and C. M. Craighead, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,911,083; May 23.
- Keller, Frederick A. (See Koretzky, H. M., and Keller.)
- Keller, Fritz, Charlottenburg, assignor to the Firm Deutawerke vorm. Deutsche Tachometerwerke G. m. b. H., Berlin, Germany. Recorder. 1,925,325; Sept. 5.
- Keller, Georg, Berlin-Steglitz, Germany. Arrangement for consecutively addressing any number of envelopes without carbon copy by means of a typewriter. 1,893,086; Jan. 3.
- Keller, George M., assignor to Stecker Lithographic Co., Rochester, N. Y. Making foldable paper boxes. 1,938,910; Dec. 12.
- Keller, Hans, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electric current rectifier control system. 1,918,757; July 18.
- Keller, Harry L., Flint, assignor to General Motors Corporation, Detroit, Mich. Synchro-mesh transmission. 1,913,162; June 6.
- Keller, Henry C., Syracuse, N. Y., and M. Van Billiard, Philadelphia, Pa., assignors to The Lamson Company, Syracuse, N. Y. Conveyor. 1,900,563; Mar. 7.
- Keller, Henry C., Syracuse, N. Y., and M. Van Billiard, Philadelphia, Pa., assignors to The Lamson Company, Syracuse, N. Y. Conveyor. 1,909,492; May 16.
- Keller, Ira C., Winnetka, assignor, by mesne assignments, to Container Corporation of America, Chicago, Ill. Shipping and display box. 1,903,461; Apr. 11.
- Keller, John C., assignor to Keller Pneumatic Footwear Company, Chicago, Ill. Pneumatic cushion heel pad. 1,910,609; May 23.
- Keller, John M., Lakewood, Ohio. Shock compensator. 1,915,935; June 27.
- Keller, John P., assignor to The Fibre Conduit Company, Orangeburg, N. Y. Roller drier for cylindrical bodies and handling such bodies therein. 1,916,840; July 4.
- Keller, John W., and H. O. Border, Alburnett, Iowa. Automatic door closer. 1,908,706; May 16.
- Keller, Joseph F., New York, assignor, by mesne assignments, to Pratt & Whitney Company, Hartford Conn. Flexible shaft handpiece. 1,926,999; Sept. 12.
- Keller, Jules R. (See Stein, Michael, assignor.)
- Keller, Karl. (See Ortner, O., Münsterer, Gebhardt, and Keller.)
- Keller, Karl, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. New condensation products and making same. 1,906,229; May 2.
- Keller, Karl, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Oxidation products of sulphur containing derivatives of higher paraffin hydrocarbons and making same. 1,925,191; Sept. 5.
- Keller, Karl O., assignor to William Doxford & Sons Limited, Sunderland, England. Conducting fluids to reciprocating parts of machinery. 1,917,590; July 11.
- Keller, Konrad, Dortmund-Eving, Germany. Treating thio-cyanate solutions. 1,908,515; May 9.
- Keller, Konrad, assignor to Gesellschaft für Kohlentechnik m. b. H. Dortmund-Eving, Germany. Production of hydrocyanic acid. 1,931,441; Oct. 17.
- Keller, Merlin O. (See Heath, S. B. and Keller.)
- Keller, Merrill E., Oakland, Calif. Radio timing device. 1,907,296; May 2.
- Keller, Peter, assignor to the Firm M. Rudolf Jahr, Gera, Germany. Carbonizing woolen fabrics. 1,895,263; Jan. 24.
- Keller Pneumatic Footwear Company. (See Keller, John C., assignor.)
- Keller, Robert, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Automatic parallel connecting system. 1,902,645; Mar. 21.
- Keller, Robert, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electric current regulator. 1,908,428; May 9.
- Keller, Robert, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Paralleling system for alternating current generators. 1,921,677; Aug. 8.
- Keller, Robert, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Regulating system. 1,933,858; Nov. 7.
- Keller, Robert, Ink Company, The. (See Wilson, Walter E., assignor.)
- Keller, Robert J. (See Sklenár, Ignacz, assignor.)
- Keller, Theodore P., Elizabeth, N. J., assignor to General Atlas Carbon Company, Dover, Del. Production of carbon black. 1,904,469; Apr. 18.
- Keller, Thomas. (See Warner, H. H., and Keller.)
- Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
- Keller, William J., St. Louis, Mo. Kerosene lamp burner. 1,938,340; Dec. 5.
- Kellermann, Willy, Nuremberg, Germany. Toy ship. Des. 90,852; Oct. 10.
- Kellett, Albert F. (See Broscombe, Henry, assignor.)
- Kellett Autogiro Corporation. (See Du Pont, Mark S., assignor.)
- Kellett, Irvine, and N. Armitage, Lawrence, and W. J. Wood, Methuen, Mass. Bobbin winding and bunch forming mechanism and method. 1,905,910; Apr. 25.
- Kellett, William P., New York, N. Y. Power plant system for transport vehicles. 1,911,958; May 30.
- Kellett, William P., New York, N. Y. Supplementary power plant for transport vehicles. 1,915,498; June 27.
- Kellett, William P., New York, N. Y. Transport truck. 1,937,062; Nov. 28.
- Kellett, William P., Fieldston, N. Y. Shock absorbing car structure. 1,940,953; Dec. 26.
- Kellett, William R., Menasha, assignor to Paper Patents Company, Neenah, Wis. Paper making apparatus. 1,905,911; Apr. 25.
- Kelley-Atwell Development Corporation. (See Kelley, George S., assignor.)
- Kelley, Blaine, Charlotte, N. C. Measuring board or chart for portable garment driers. 1,933,438; Oct. 31.
- Kelley, Cecil S., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Signal controlling device. 1,898,546; Feb. 21.
- Kelley, Clarence, Huntsville, Ark. Tire tool. 1,908,766; May 16.
- Kelley, Daniel J., Great Neck, N. Y. Auto-plate. Des. 89,641; Apr. 18.
- Kelley, Donald G., Rochester, N. Y. Liquid hydrocarbon burner. 1,928,898; Oct. 3.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Annealing process. 1,894,825; Jan. 17.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Preventing embrittlement of copper. 1,911,023; May 23.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Cemented tantalum carbide. 1,928,453; Sept. 26.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Cemented tantalum carbide. 1,936,435; Nov. 21.
- Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Making carbides. 1,940,308; Dec. 19.
- Kelley, Francis E., Providence, R. I., assignor to Easton and Burnham Machine Company. Traversing device for winding machines. 1,926,049; Sept. 12.
- Kelley, George L. (See Eksbergian, C. L., and Kelley.)
- Kelley, George L., and E. G. Budd, assignors to Budd Wheel Company, Philadelphia, Pa. Making cold rolled disks. 1,901,035; Mar. 14.
- Kelley, George S., Mount Vernon, assignor to Kelley-Atwell Development Corporation, New York, N. Y. Dust deflector. 1,928,291; Sept. 26.
- Kelley, George S., Mount Vernon, assignor to Kelley-Atwell Development Corporation, New York, N. Y. Dust-collecting device. 1,930,099; Oct. 10.
- Kelley, Horace E. (See Weidemann, G. H., and Kelley.)
- Kelly, John B., Portland, Oreg. Ornament. 1,929,317; Oct. 3.
- Kelley, John E., Bangor, Me. Holder. 1,895,717; Jan. 31.
- Kelley, John R., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. Radiographic apparatus. 1,895,546; Jan. 31.
- Kelley, John R., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. Radiographic apparatus. 1,922,738; Aug. 15.
- Kelley, John R., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. Radiographic apparatus. 1,926,902; Sept. 12.
- Kelley, John R., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. Radiographic apparatus. 1,938,455; Dec. 5.

- Kelley, Koett Manufacturing Company, The. (See Kelley, John B., assignor.)
- Kelley-Koett Manufacturing Company, The. (See Kelley, John R., assignor.)
- Kelley-Koett Manufacturing Company, The. (See Werner, Wilbur S., assignor.)
- Kelley, Leo A. (See Smith, R. E., and Kelley.)
- Kelley, Lorin J., St. Louis, Mo., and C. W. Bassett, Montclair, assignors to Elevator Supplies Company, Inc., Hoboken, N. J. Push button control for a bank of elevators. 1,931,581; Oct. 24.
- Kelly-Springfield Tire Company. (See Hardman, Albert F., assignor.)
- Kelley, Stewart. (See Connell, M. A., jr., Kelley, and Canfield.)
- Kelley, Ward R., Los Angeles, Calif. Rotary draw works brake. 1,913,838; June 13.
- Kelley, William V. D., Hollywood, Calif. Color-cinematography. 1,937,823; Dec. 5.
- Kelley, William V. D., assignor to Du Chrome Film System Ltd., Los Angeles, Calif. Film, plate, and the like. 1,897,846; Feb. 14.
- Kelley, William V. D., assignor of one-half to William W. Kelley, Los Angeles, Calif. Composite photography. 1,912,582; June 6.
- Kelley, William W. (See Kelley, William V. D., assignor.)
- Kelley, Wingate, Boston, Mass. Boot or shoe. 1,938,393; Dec. 5.
- Kelliher, Sevoy F., New Canaan, Conn. Batting practice cage. 1,931,387; Oct. 17.
- Kellner, Alexis, Berlin, Germany. Collapsible hood for vehicles. 1,899,870; Feb. 28.
- Kellner, Carl E., Englewood, N. J. Impression compound. 1,930,391; Oct. 10.
- Kellner, Jacques, assignor to Société à Responsabilité Limitée Jacques Kellner, Paris, France. Carriage window. 1,929,892; Oct. 10.
- Kellogg Company. (See Adams, Ross T., assignor.)
- Kellogg Company. (See Kellogg, Will K., assignor.)
- Kellogg Company. (See McKay, Eugene H., assignor.)
- Kellogg Company. (See Wilder, Harold K., assignor.)
- Kellogg, Edward W. (See Rice, C. W., and Kellogg.)
- Kellogg, Edward W., Moorestown, N. J., assignor to General Electric Company. Film driving mechanism. 1,899,571; Feb. 28.
- Kellogg, Emily. (See Copes, L. G., Haurand, and Kellogg.)
- Kellogg, George D., Pelham Manor, and P. A. Voigt, Ozone Park, assignors to Johns-Manville Corporation, New York, N. Y. Acoustical construction. 1,926,679; Sept. 12.
- Kellogg, George W., Flint, assignor to R. C. Wilson, Paw Paw, Mich. Glider kite. 1,927,835; Sept. 26.
- Kellogg, Harry F., assignor to Central Screw Company, Chicago, Ill. Wing nut. 1,919,728; July 25.
- Kellogg, Henry M. (See Carpenter, E. W., LaReau, and Kellogg.)
- Kellogg, Henry M., Stratford, and J. Ahlbin, Fairfield, assignors to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Loose leaf binder. 1,895,629; Jan. 31.
- Kellogg, Herbert C., Detroit, Mich., assignor to The Russ Manufacturing Company, Cleveland, Ohio. Liquid cooling system. 1,897,559; Feb. 14.
- Kellogg, Herbert C., assignor to Glen P. Cowan, deceased, Detroit, Mich., by Grace A. Cowan, executrix. Pressure responsive device. 1,930,521; Oct. 17.
- Kellogg, Herbert C., assignor to G. P. Cowan, deceased, Detroit, Mich., G. A. Cowan, executrix. Pressure-responsive device. 1,934,548; Nov. 7.
- Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Hinge. 1,895,572; Jan. 31.
- Kellogg, John H., Battle Creek, Mich. Chair. 1,917,264; July 11.
- Kellogg, John H., Battle Creek, Mich., and G. L. Teller and W. K. Teller, Riverside, Ill., assignors to The Battle Creek Food Company, Battle Creek, Mich. Theobromine extracting process. 1,925,326; Sept. 5.
- Kellogg, M. W., Company, The. (See Hopkins, Robert K., assignor.)
- Kellogg, M. W., Company, The. (See Kendall, Harry B., assignor.)
- Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
- Kellogg Switchboard & Supply Company. (See Eaton, G. R., and Kiner, assignors.)
- Kellogg Switchboard and Supply Company. (See Howie, John L., assignor.)
- Kellogg Switchboard and Supply Company. (See Koch, Earl L., assignor.)
- Kellogg Switchboard and Supply Company. (See Miller, Carl, assignor.)
- Kellogg Switchboard and Supply Company. (See Sauer, Louis B., assignor.)
- Kellogg Switchboard and Supply Company. (See Wallace, Bert A., assignor.)
- Kellogg, Will K., assignor to Kellogg Company, Battle Creek, Mich. Cereal food. 1,925,255; Sept. 5.
- Kellogg, William D. (See Ashcroft, A. G., and Kellogg.)
- Kellotat, William F., Portland, Oreg. Automatic firing action for guns. 1,924,159; Aug. 29.
- Kelly, Andrew, assignor to Borax Consolidated Limited, London, England. Manufacture of boric acid. 1,918,110; July 11.
- Kelly, Anna B. J., New York, N. Y., assignor to Scofield and James, Cleveland, Ohio. Catamenial belt. 1,917,979; July 11.
- Kelly, Bernard J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Printing. 1,924,501; Aug. 29.
- Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Window construction. 1,903,309; Apr. 4.
- Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Window construction. 1,909,363; May 16.
- Kelly, Dennis, assignor to Russel Sebring, Marshall, Mich. Fishing reel. 1,898,451; Feb. 21.
- Kelly, Edward, assignor of one-half to L. H. Geddes, Rockford, Ill. Railway spike. 1,921,194; Aug. 8.
- Kelly, Frank W., and A. H. Luedicke, assignors to Gridley Dairy Company, Milwaukee, Wis. Pasteurizing apparatus. 1,892,955; Jan. 3.
- Kelly, Frederick G., jr. (See Stirten, E. D., Geer, and Kelly, jr.)
- Kelly, Frederick G., jr., assignor to The Stirten Engineering & Research Corporation, New Haven, Conn. Electrical timing apparatus. 1,909,471; May 16.
- Kelly, George L., Houston, Tex. Truss structure. 1,926,202; Sept. 12.
- Kelly, Gooding N., assignor, by mesne assignments, to Freeman Furniture Factories, Inc., Chicago, Ill. Table. 1,894,220; Jan. 10.
- Kelly, Gooding N., assignor to Freeman Furniture Factories, Inc., Chicago, Ill. Writing desk. 1,933,218; Oct. 24.
- Kelly, Harry G., Omaha, Nebr. Rolling door mechanism. 1,897,391; Feb. 14.
- Kelly, Harry G., Omaha, Nebr. Rolling door mechanism. 1,921,193; Aug. 8.
- Kelly, Harry G., Omaha, Nebr. Perforating machine. 1,922,248; Aug. 15.
- Kelly, Harry T. (See Stevens, R. H., Frank, and Kelly.)
- Kelly, Hugh W., Woodbridge, N. J. Manufacturing lead tapes. 1,895,331; Jan. 24.
- Kelly, Jess C., Cambridge, Ohio. Goblet or similar article. Des. 89,769; May 2.
- Kelly, Jess C., Cambridge, Ohio. Jug or similar article. Des. 89,828; May 9.
- Kelly, John L. (See Berndsen, E. H., and Kelly.)
- Kelly, John L., St. Louis, Mo. Anti-glare shield for headlights. 1,919,224; July 25.
- Kelly, John M., Dayton, Ohio, assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,909,107; May 16.
- Kelly, John P., Pittsfield, Mass., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Mechanism for eliminating dead centers. 1,906,614; May 2.
- Kelly, Joseph E., and J. A. Arasim, Scranton, Pa. Lost motion mechanical linkage. 1,900,289; Mar. 7.
- Kelly, Joseph L., and R. Brenner, St. Louis, and J. P. Hoffer, Kirkwood, Mo. Preventing expansion and contraction of printing paper. 1,937,703; Dec. 5.
- Kelly, Laurence C., Beverly Hills, Calif. Whipstock. 1,901,453; Mar. 14.
- Kelly, Laurence C., Beverly Hills, Calif. Cementing whipstocks in well bores. 1,901,454; Mar. 14.
- Kelly, O. S., Company, The. (See Uites, Carl, assignor.)
- Kelly, Orin, Columbus, Ohio. Fluid-pressure motor. 1,910,019; May 23.
- Kelly-Springfield Tire Company, The. (See Fritch, Elue O., assignor.)
- Kelly, Thomas F., assignor of one-half to W. J. C. Volckman, Clinton, Iowa. Reclining chair. 1,928,857; Oct. 3.
- Kelly, Thomas L., Bakersfield, Calif. Bag-dispensing device. 1,938,025; Dec. 5.
- Kelly, Thomas P., Sterling, Ill. Ladder safety device. 1,907,828; May 9.
- Kelly, Tony L., et al. (See Forster, Albert O. and P. M., assignors.)
- Kelly, Vaughn. (See Bogin, C., and Kelly.)
- Kelly, Vaughn, Chicago, Ill., and C. Bogin, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Nongelling lacquer. 1,923,732; Aug. 22.
- Kelly, Walter J., and M. P. Burns, Fairfield, Ala. Annealing box. 1,910,295; May 23.
- Kelly, William J., et al. (See Phelps, Benjamin B., assignor.)
- Kelly, William M., Philadelphia, Pa. Apparatus for discharging lubricant under pressure. 1,907,980; May 9.
- Kelly, William M., Philadelphia, Pa. Lubricant receiving fitting. 1,907,981; May 9.
- Kelly, William W., Cleveland, Ohio. Dispensing device. Des. 90,773; Sept. 26.
- Kelly, William W., Cleveland Heights, Ohio, assignor to The Nut Products Company. Toasting and storage cabinet. 1,903,547; Apr. 11.
- Kelman, David J., Brooklyn, N. Y. Wreath and making same. 1,904,470; Apr. 18.
- Kelman, David J., Brooklyn, N. Y. Decorative material. 1,904,471; Apr. 18.
- Kelsen, Ernst, et al. (See Pawlek, Franz, assignor.)
- Kelsey, Cadwallader W. (See Ederle, G. C., and Kelsey.)
- Kelsey-Hayes Wheel Company. (See Wagenhorst, James H., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Ash, Charles S., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Batie, Joseph E., assignor.)

- Kelsey-Hayes Wheel Corporation. (See Booth, William N., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Cataline, Benton, assignor.)
- Kelsey-Hayes Wheel Corporation. (See Dixon, Howard F., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Le Jeune, Frank H., assignor.)
- Kelsay-Hayes Wheel Corporation. (See Mahan, Charles B., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Main, Frank L., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Palmer, Harry A., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Schmidt, Karl, assignor.)
- Kelsey-Hayes Wheel Corporation. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Corporation. (See Sneed, John, assignor.)
- Kelsey-Hayes Wheel Corporation. (See Stoler, Edward W., assignor.)
- Kelsey-Hayes Wheel Corporation. (See White, John W., assignor.)
- Kelsey, John, Auckland, New Zealand. Pivoted and sliding casement. 1,939,781; Dec. 19.
- Kelsey, William A., Minneapolis, Minn. Dental tool holder. 1,925,808; Sept. 5.
- Kelsey, William C., Burns, Oreg. Vertical filing system. 1,917,980; July 11.
- Keltie, George R., assignor to American Wringer Co., Woonsocket, R. I. Furnisher brush for textile printing machines. 1,915,128; June 20.
- Keltie, George R., assignor to American Wringer Company, Inc., Woonsocket, R. I. Printing plate. 1,941,148; Dec. 26.
- Kelty, Charles R., Glenmere, Me. Motor controlling device. 1,908,763; May 16.
- Kelvie, James D., Canton, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Interlocking skip loading system. 1,895,077; Jan. 24.
- Kelvinator Corporation. (See Asmussen, August J., assignor.)
- Kelvinator Corporation. (See Doeg, Ralph W., assignor.)
- Kelvinator Corporation. (See Erbach, Frederick R., assignor.)
- Kelvinator Corporation. (See Goulouze, Martin J., assignor.)
- Kelvinator Corporation. (See Greenwald, Harold A., assignor.)
- Kelvinator Corporation. (See Greenwald, H. A., and Drysdale, assignors.)
- Kelvinator Corporation. (See Lauer, C. J., and McPhail, assignors.)
- Kelvinator Corporation. (See Mason, George W., assignor.)
- Kelvinator Corporation. (See Misner, Edgar D., assignor.)
- Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
- Kelvinator Corporation. (See Spreen, Charles C., assignor.)
- Kelvinator Corporation. (See Spreen, Maxwell H., assignor.)
- Kelvinator Corporation. (See Spring, George L., assignor.)
- Kelvinator Corporation. (See Thomas, Charles C., assignor.)
- Kelvinator Corporation. (See Vis, George A., assignor.)
- Kelvinator Corporation. (See Whitehead, Thomas C., assignor.)
- Kelvinator Corporation. (See Whitehead, T. C., and Greenwald, assignors.)
- Kema, Harry, et al. (See Hamilton, Victor N., assignor.)
- Kemach, Abel, New York, N. Y. Combination basin and lavatory tank. 1,935,779; Nov. 21.
- Kemet Laboratories Company. (See Cooper, Hugh S., assignor.)
- Kemet Laboratories Company, Inc. (See Cunningham, T. R., and Price, assignors.)
- Kemmer, Harald, Berlin, Germany. Plant for utilizing waste heat. 1,932,076; Oct. 24.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Time measuring apparatus. 1,907,829; May 9.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,919,279; July 25.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,930,171; Oct. 10.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,940,913; Dec. 26.
- Kemmerich, William E., Nyack, N. Y. Antifreezing compounds. 1,906,972; May 2.
- Kemmler, James W., and W. C. Weigle, assignors to Sloane-Blabon Corporation, Philadelphia, Pa. Printing and apparatus therefor. 1,937,087; Nov. 28.
- Kemnal, James, deceased, Chislehurst, by L. L. Kemnal, Chislehurst, H. James, and R. J. Glinn, Blackheath, London, and Archibald Hall-Brown, Purley, England, executors, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Water tube boiler. 1,922,663; Aug. 15.
- Kemnal, Linda L., et al., executors. (See Kemnal, James.)
- Kemp, Archie R. (See Gray, A. N., and Kemp.)
- Kemp, Archie R., Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lead covered cable. 1,935,322; Nov. 14.
- Kemp, Archie R., Westwood, and J. H. Ingmanson, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulation compound. 1,918,971; July 18.
- Kemp, Archie R., Westwood, and J. H. Ingmanson, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulating compound. 1,930,274; Oct. 10.
- Kemp, Archie R., Westwood, and J. H. Ingmanson, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gutta-percha insulation material. 1,935,321; Nov. 14.
- Kemp, Archie R., Westwood, and J. H. Ingmanson, Glen Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Underground cable. 1,935,323; Nov. 14.
- Kemp, C. M., Mfg. Co., The. (See Dunkak, Elmer B., assignor.)
- Kemp, C. M., Manufacturing Company, The. (See Hunt, William, assignor.)
- Kemp, C. M., Manufacturing Company, The. (See Kemp, W. W., and Van Horn, assignors.)
- Kemp, Charles and E., Bloomfield, Ind. Renewable electric fuse. 1,902,707; Mar. 21.
- Kemp, Charles, and I. Kemp, assignors to Kemp Lock Inc., New York, N. Y. Lock. 1,937,897; Dec. 5.
- Kemp, Ernest. (See Kemp, Charles and E.)
- Kemp, Ervin F. (See Jensen, Karl E., assignor.)
- Kemp, Irving. (See Kemp, Charles and I.)
- Kemp, Irving, assignor to Kemp Lock Inc., New York, N. Y. Lock. 1,895,630; Jan. 31.
- Kemp, Irving, assignor, by mesne assignments, to Kemp Lock Inc., New York, N. Y. Lock. 1,895,631; Jan. 31.
- Kemp, Irving, assignor, by mesne assignments, to Kemp Lock Inc., New York, N. Y. Lock. 1,900,503; Mar. 7.
- Kemp, John B., Ridgewood, N. J., assignor to Clark Loose Leaf Manufacturing Company. Pad holder. 1,916,730; July 4.
- Kemp, Joseph, Baltimore, Md. Apparatus for drawing metal tubes. 1,931,352; Oct. 17.
- Kemp Lock Inc. (See Kemp, Charles and I.)
- Kemp Lock Inc. (See Kemp, Irving, assignor.)
- Kemp, Thomas A., assignor to The Long-Bell Lumber Company, Kansas City, Mo. Window frame. 1,917,845; July 11.
- Kemp, William, and M. Osterman, assignors to Defender Automatic Regulator Company, St. Louis, Mo. Electrically operated regulator. 1,930,561; Oct. 17.
- Kemp, William E., assignor to Kingston Products Corporation, Kokomo, Ind. Mold. 1,902,559; Mar. 21.
- Kemp, William W., and W. H. Van Horn, assignors to The C. M. Kemp Manufacturing Company, Baltimore, Md. Air and gas mixing apparatus. 1,898,778; Feb. 21.
- Kemper, Albert H. (See Clemens, C. F., and Kemper.)
- Kemper, Charles W. and J. T., Hayward, Calif. Strain clamp. 1,924,438; Aug. 29.
- Kemper, John T. (See Kempfer, Charles W. and J. T.)
- Kempf, Louis W. (See Archer, R. S., and Kempf.)
- Kempf, Louis W. (See Dean, W. A., and Kempf.)
- Kempf, Louis W., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum silicon alloy. 1,908,023; May 9.
- Kempf, Louis W., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum-silicon alloy. 1,921,195; Aug. 8.
- Kempf, Louis W., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Alloy. 1,940,133; Dec. 19.
- Kempf, Louis W., and W. A. Dean, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,920,262; Aug. 1.
- Kempthorne, James L., Montclair, N. J. Engine. 1,904,373; Apr. 18.
- Kempthorne, James L., Montclair, N. J. Engine. 1,904,374; Apr. 18.
- Kempthorne, James L., Montclair, N. J. Pump and compressor. 1,930,480; Oct. 17.
- Kempton, Herbert E., assignor to Tuthill Pump, Chicago, Ill. Rotary engine. 1,894,353; Jan. 17.
- Kempton, Leslie A., Trumbull, Conn., assignor to General Electric Company. Rotary snap switch. 1,895,330; Jan. 24.
- Kempton, Leslie A., Trumbull, Conn., assignor to General Electric Company. Electric heating system. 1,919,949; July 25.
- Kempton, Leslie A., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 1,901,653; Mar. 14.
- Kempton, Leslie A., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 1,934,470; Nov. 7.
- Kenaga, Ivan A. (See Harlow, I. F., Kenaga, and Dressel.)
- Kenah, Roland M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system for roll-table motors. 1,934,505; Nov. 7.
- Kendall, Charles O. (See Venning, F. J., and Kendall.)
- Kendall Company, The. (See Eustis, Warner, assignor.)
- Kendall Company, The. (See Gabosch, John, assignor.)
- Kendall Company, The. (See Meagher, Glenn B., assignor.)

- Kendall Company, The. (See Muhlbach, Walter F., assignor.)
- Kendall Company, The. (See Reed, Raymond E., assignor.)
- Kendall Company, The. (See Ziegler, P. F., and Simmons, assignors.)
- Kendall, Edgar H., Alliance, Ohio. Unitary brake. 1,932,219; Oct. 24.
- Kendall, Genevieve A. (See Kendall, Ira H., assignor.)
- Kendall, Harry B., Roselle, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Gasket. 1,896,795; Feb. 7.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Can washing machine. 1,892,773; Jan. 3.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Sanitary pipe coupling. 1,896,519; Feb. 7.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Can washing machine. 1,909,835; May 16.
- Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Connecting pipes and improved pipe-connecting system. 1,936,166; Nov. 21.
- Kendall, James M., Woodbury Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound recording and reproducing unit. 1,905,175; Apr. 25.
- Kendall, James M., Schenectady, N. Y., assignor to General Electric Company. Electric pick-up. 1,906,615; May 2.
- Kendall, James S., et al. (See Heigl, Ludwig, assignor.)
- Kendall, Robert C., Chicago, Ill. Lubricating device. 1,898,188; Feb. 21.
- Kendall, Walter H., Chicago, assignor to N. T. Ladenson, Evanston, Ill. Flexible curtain. 1,908,634; May 9.
- Kendrick, Alexander S., et al. (See Joiner, Sylvester L., assignor.)
- Kendrick, Carroll C. (See Lewis, George K., assignor.)
- Kendzir, Paul, et al. (See Draheim, Paul E., assignor.)
- Kenerson, Stanley M., assignor to The Standard Electric Time Company, Springfield, Mass. Jack assembly. 1,911,513; May 30.
- Keney, Victor, Woodside, N. Y. Combined eye and eyelash for dolls. 1,902,816; Mar. 28.
- Kenison, Nat W. (See Drannan, R. E., and Kenison.)
- Kenna, Richard K., New York, N. Y. Brake accessory for pneumatic tire vehicles. 1,916,055; June 27.
- Kennedy, Albert H., Rockport, Ind. Flush valve. 1,904,898; Apr. 18.
- Kennedy, Andrew, Brooklyn, N. Y., assignor to Crescent Specialty Company, Inc. Closure for coin slots. 1,928,624; Oct. 3.
- Kennedy, Archibald C., Nanaimo, British Columbia, Canada. Dirigible headlight. 1,927,288; Sept. 19.
- Kennedy Car Liner & Bag Co., The. (See Arzet, Paul, assignor.)
- Kennedy Car Liner & Bag Co., The. (See Lorenz, Gus O., assignor.)
- Kennedy Car Liner & Bag Co., The. (See Thoms, C. A., and Smith, assignors.)
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Induction motor. 1,912,207; May 30.
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Condenser induction motor. 1,912,337; May 30.
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Induction motor. 1,912,338; May 30.
- Kennedy, Carlton L., Braintree, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Drive shaft. 1,913,886; June 13.
- Kennedy, Chester C. (See Pelton, E. L., and Kennedy.)
- Kennedy, Chester C. (See Strosacker, C. J., Kennedy, and Pelton.)
- Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing, casting, and distributing machine. 1,927,236; Sept. 19.
- Kennedy, Dewey M., assignor to Eastman Kodak Company, Rochester, N. Y. Locking coupon envelope. 1,897,847; Feb. 14.
- Kennedy, Donald S., Longparish, England. Traction belt. 1,913,257; June 6.
- Kennedy, Donald S., Longparish, England. Traction belt. 1,913,280; June 6.
- Kennedy, Edward, New York, N. Y. Testing device for water systems. 1,904,688; Apr. 18.
- Kennedy, Edward, New York, N. Y. Testing device for water systems. 1,904,689; Apr. 18.
- Kennedy, Edward C. (See Lacks, F. A., and Kennedy.)
- Kennedy, Edward J., Hollis, N. Y., and J. F. Percy, Westwood, N. J., assignors to Percy Manufacturing Company. Turnstile. 1,936,941; Nov. 28.
- Kennedy, Frank J., Brooklyn, assignor to National Electric Products Corporation, New York, N. Y. Electrical wiring appliance. 1,921,162; Aug. 8.
- Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Gear wheel. 1,922,812; Aug. 15.
- Kennedy, George F., Newburyport, Mass., assignor to Hercules Powder Company, Wilmington, Del. Core oil. 1,910,799; May 23.
- Kennedy, Harry E. (See Mulrany, H. A., and Kennedy.)
- Kennedy, Harry E. (See Walker, B., and Kennedy.)
- Kennedy, Harry E., Berkeley, Calif. Magnetic structure. 1,892,956; Jan. 3.
- Kennedy, Harry E., Berkeley, Calif. Internal combustion engine. 1,903,381; Apr. 4.
- Kennedy, Homer K. (See Zenz, J., and Kennedy.)
- Kennedy, Homer K., Los Angeles, Calif. Wheel aligning gauge. 1,903,051; Mar. 28.
- Kennedy, Howard L., assignor to Kennedy Manufacturing Company, Van Wert, Ohio. Tote box. 1,893,747; Jan. 10.
- Kennedy, John C., assignor to The Kennedy Valve Mfg. Co., Elmira, N. Y. Valve. 1,914,260; June 13.
- Kennedy, John J., assignor to The Pyle-National Company, Chicago, Ill. Electric train lighting system. 1,908,985; May 16.
- Kennedy, Joseph A., Pawtucket, R. I., assignor to Anaconda Wire and Cable Company, New York, N. Y. Vacuum and pressure tubing. 1,931,863; Oct. 24.
- Kennedy, Joseph A., Pawtucket, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Compound tubular fabric. 1,940,868; Dec. 26.
- Kennedy, Joseph E., New York, N. Y. Feeding pulverized fuel to furnaces. 1,924,123; Aug. 29.
- Kennedy, Joseph M., St. Louis, Mo. Bottle. 1,938,430; Dec. 5.
- Kennedy, Krafton S., Dayton, Ohio. Apparatus for disconnecting threaded members. 1,900,017; Mar. 7.
- Kennedy, Luke F., Philadelphia, Pa., assignor to General Electric Company. Protective apparatus. 1,913,203; June 6.
- Kennedy Manufacturing Company. (See Kennedy, Howard L., assignor.)
- Kennedy Manufacturing Company. (See Shriver, Harry P., assignor.)
- Kennedy, Martin F., assignor to G. H. Deaton & Company, Joliet, Ill. Book construction. 1,912,710; June 6.
- Kennedy, Paul S., assignor to Murphy Varnish Company, Newark, N. J. Wood filler and related materials. 1,903,768; Apr. 18.
- Kennedy, Richard O., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Garment. 1,906,616; May 2.
- Kennedy, Ridgway R., assignor to Abbotts Dairies, Inc., Philadelphia, Pa. Apparatus for washing fruits. 1,901,455; Mar. 14.
- Kennedy, Rosamond L., Hyde Park, London, England. Bust bodice or brassiere. 1,933,983; Nov. 7.
- Kennedy, Theodore H., South Bend, Ind. Regulating device. 1,936,362; Nov. 21.
- Kennedy Valve Mfg. Co., The. (See Kennedy, John C., assignor.)
- Kennedy, Walter C., Llanerch, Pa. Speed control apparatus. 1,924,558; Aug. 29.
- Kennedy, William B., Los Angeles, Calif. Hose coupling. 1,926,949; Sept. 12.
- Kennedy, William J., West Chicago, assignor of one-half to A. J. Tierney, Chicago, Ill. Amusement apparatus cabinet. Des. 90,889; Oct. 17.
- Kennedy, William T., New York, N. Y. Actinometer. 1,895,853; Jan. 31.
- Kennedy Corporation, The. (See Hollestelle, Jan H., assignor.)
- Kenney, Edward G., Willimantic, Conn. Silk reed machine. 1,895,997; Jan. 31.
- Kenney, George M., Cranston, assignor to Kenney Manufacturing Company, Auburn, R. I. Drapery fixture. 1,907,648; May 9.
- Kenney, George M., Cranston, assignor to Kenney Manufacturing Company, Auburn, R. I. Drapery fixture. 1,914,132; June 13.
- Kenney, George M., and W. C., assignors to Kenney Manufacturing Company, Cranston, R. I. Bracket for curtain rods. 1,923,024; Aug. 15.
- Kenney, Mahlon W., Elmhurst, Ill. Radio receiving apparatus. 1,935,401; Nov. 14.
- Kenney, Mahlon W., Elmhurst, Ill., assignor, by mesne assignments, to Grigsby-Grunow Company. Compressor. 1,897,199; Feb. 14.
- Kenney, Mahlon W., Elmhurst, assignor to Grigsby-Grunow Company, Chicago, Ill. Radio apparatus. 1,909,685; May 16.
- Kenney, Mahlon W., Elmhurst, assignor to Grigsby-Grunow Company, Chicago, Ill. Electrical apparatus. 1,924,862; Aug. 29.
- Kenney, Mahlon W., Elmhurst, and S. E. Vickers, Norwood Park, Ill., assignors to Grigsby-Grunow Company. Refrigerating apparatus. 1,921,163; Aug. 8.
- Kenney Manufacturing Company. (See Kenney, George M., and Kenney.)
- Kenney Specialty Co. (See Heidelhoff, Werner B.)
- Kenney, William C. (See Kenney, George and W. C.)
- Kennison, Jessie, Madison, Wis. Plumbing fixture. 1,928,058; Sept. 26.
- Kenny, Frederick P. (See Howald, W. T., Klingelfuss, assignor.)
- Kenny, William J., Cicero, Ill., assignor to American Can Company, New York, N. Y. Container. 1,929,433; Oct. 10.
- Ken-Rad Corporation, The. (See Biver, Carl J., assignor.)
- Ken-Rad Corporation, The. (See Biver, C. J., and Bain, assignors.)
- Kent Company, The. (See Yutzler, Fred W., assignor.)
- Kent, Edward A., Berkeley, A. Bava, and B. C. Youman, assignors to California Packing Corporation, San Francisco, Calif. Cherry pitting machine. 1,930,937; Oct. 17.
- Kent, Everett E. (See Allen, Stratford B., assignor.)

- Kent, Everett E. (See Brown, John S., assignor.)
 Kent, Frank J., et al. (See Wuestman, Joseph V., assignor.)
 Kent, George, Limited. (See Gray, Ffolliott, assignor.)
 Kent, George, Limited. (See Hodgson, J. L., and Gray, assignors.)
 Kent, George, Limited. (See Hodgson, J. L., Ivanoff, and Howard, assignors.)
 Kent-Moore Organization, Inc. (See Graham, George M., assignor.)
 Kent, Moss A., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical cable. 1,904,472; Apr. 18.
 Kent Owens Machine Company. (See Happel, Albert, assignor.)
 Kent, Philip J., Birmingham, and I. C. McKechnie, assignors to Chrysler Corporation, Detroit, Mich. Lamp and lamp mounting. 1,905,471; Apr. 25.
 Kent, Raymond W., Newton, Mass., assignor to Thermoid Rubber Company, Trenton, N. J. Friction disks and making the same. 1,919,111; July 18.
 Kent, Robert S., Brooklyn, N. Y. Drier and granulator. 1,934,930; Nov. 14.
 Kent, Samuel, Brooklyn, N. Y., assignor to Cornell Contracting Corporation, Reinforced concrete construction and method of building same. 1,898,304; Feb. 21.
 Kent, Thomas J. (See Kent, Thomas W. and T. J.)
 Kent, Thomas W., Welch, W. Va., and T. J. Kent, Blackburg, Va. Coal cleaner. 1,939,121; Dec. 12.
 Kenty Carl E., Jersey City, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Self-starting low voltage gaseous electric discharge device and operating same. 1,897,482; Feb. 14.
 Kenway, Percy N., Newton, Mass. Pipe hanger. 1,904,315; Apr. 18.
 Keny, Emma L., administratrix. (See Eggert, J., and Eggert.)
 Kenyon, Charles C., Somerville, N. J. Weighing apparatus for a continuous web stock. 1,913,120; June 6.
 Kenyon, Charles F., Shannock, assignor to A. A. Gobeille, Shannock, and P. W. Noble, Jr., Rumford, R. I., and himself. Treating ramie and allied fibers. 1,898,877; Feb. 21.
 Kenyon, Melville G., and M. H. Kluter, assignors to The F. & N. Lawn Mower Company, Richmond, Ind. Shipping containers. 1,900,820; Mar. 7.
 Kenyon, William O. (See Staud, C. J., and Kenyon.)
 Kenyon, William O., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Decorating plastic material. 1,933,810; Nov. 7.
 Kegan, Charles J., North Arlington, assignor to Jenkins Television Corporation, Jersey City, N. J. Scanning method and apparatus. 1,897,483; Feb. 14.
 Kegan, William J., White Haven, Pa. Door. 1,912,846; June 6.
 Keogh, Raymond J., assignor, by mesne assignments, to Utah Radio Products Company, Chicago, Ill. Electric current converter for radio or other apparatus. 1,935,568; Nov. 14.
 Keogh, Raymond J., assignor, by mesne assignments, to Utah Radio Products Company, Chicago, Ill. Electric current converter for radio or other apparatus. 1,935,569; Nov. 14.
 Keogh, Robert, Hollis, assignor to Star Company, New York, N. Y. Camera attachment. 1,919,635; July 25.
 Kepfer, Raymond J. (See Berliner, J. F. T., Kepfer, and Sherman.)
 Kepfer, Raymond J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive antifreeze liquid. 1,911,195; May 30.
 Keppler, Darrell S. (See Irons, A. E., and Keppler.)
 Keppler, Darrell S., and A. E. Irons, Sharon, Pa. Automatic safety control for motion picture projection rooms and equipment. 1,911,999; May 30.
 Keppler, Francis M., Upper Darby, Pa. Making angular tubing bends. 1,913,490; June 13.
 Keppler, Irwin F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Spliced belt and splicing the same. 1,931,322; Oct. 17.
 Kephley, Harry H., Philadelphia, Pa. Tie holder. 1,909,280; May 16.
 Keppelman, Edward L. (See Almerantz, Oscar G., assignor.)
 Keppler, Albert E., assignor to Brown & Bailey Company, Philadelphia, Pa. Display box. 1,909,472; May 16.
 Keppler, Albert E., assignor to Brown & Bailey Company, Philadelphia, Pa. Display box. 1,909,473; May 16.
 Keppler, Albert E., assignor to Brown & Bailey Company, Philadelphia, Pa. Display box. 1,909,474; May 16.
 Keppler, Helmut. (See Hentrich, W., and Keppler.)
 Kept-Kant, Inc. (See Burke, James F., assignor.)
 Kerber, Herbert M., Rochester, N. Y. Font for holy water. 1,939,707; Dec. 19.
 Kerber, Joseph H., West Allis, and E. A. Drott, assignors to Hi-Way Service Corporation, Milwaukee, Wis. Snowplow. 1,915,675; June 27.
 Kercher, Arthur J., Berkeley, Calif. Refrigerating apparatus. 1,896,448; Feb. 7.
 Kercher, Arthur J., Berkeley, Calif. Thermostat. 1,905,233; Apr. 25.
 Kercher, Arthur J., Berkeley, Calif. Electrical heating appliance. 1,922,440; Aug. 15.
 Kercher, Arthur J., Berkeley, Calif. Compressor. 1,939,057; Dec. 12.
 Kercher, Arthur J., Berkeley, assignor of one-half to W. W. Hicks, San Francisco, Calif. Electrical heating system and apparatus. 1,937,042; Nov. 28.
 Kercher, Arthur J., Berkeley, and W. W. Hicks, assignors to Wesix National Company, San Francisco, Calif. Electrical heating element. 1,898,632; Feb. 21.
 Kercher, Arthur J., Berkeley, and W. W. Hicks, assignors to Wesix National Company, San Francisco, Calif. Electrical heating element and manufacture. 1,905,232; Apr. 25.
 Kerckhoff, Karl L. (See Pazourek, L., and Kerckhoff.)
 Kerekes, Emory B. (See Harper, W., Jr., and Kerekes.)
 Kerk, Charles H., St. Davids, Pa. Tantalum spinneret and making same. 1,899,419; Feb. 28.
 Kerkam, Robert F. (See Wood, Benjamin F., assignor.)
 Kerlin, James R., Los Angeles, Calif. Wrench. 1,903,052; Mar. 28.
 Kern, Albert F., San Francisco, Calif. Metal fastener. 1,925,488; Sept. 5.
 Kern, Albert L., Jackson, Mich. Conveying jack. 1,903,115; Mar. 28.
 Kern, Ervin S. (See Howard, H. C., and Kern.)
 Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft, Brown Boveri & Cie., Baden, Switzerland. Direct current motor commutating device. 1,902,131; Mar. 21.
 Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current inverting system. 1,906,319; May 2.
 Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current inverting system. 1,930,976; Oct. 17.
 Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifier control. 1,933,859; Nov. 7.
 Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Direct current commutating system. 1,908,364; May 9.
 Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Direct current commutating system. 1,915,790; June 27.
 Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Control system for electric current rectifiers. 1,919,890; July 25.
 Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Device for commutating direct current. 1,922,247; Aug. 15.
 Kern, Erwin, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. High-voltage direct-current converting system. 1,927,406; Sept. 19.
 Kern, Fernando C. (See Kern, Ludwig and F. C.)
 Kern, Fred M., Detroit, Mich., assignor to Micromatic Hone Corporation, Honing tool. 1,927,039; Sept. 19.
 Kern, Frederick E., St. Louis, Mo. Reducing ores. 1,896,088; Feb. 7.
 Kern, Frederick E., St. Louis, Mo. Forming a fuel. 1,913,121; June 6.
 Kern, Frederick E., St. Louis, Mo. Manufacturing fuels. 1,913,122; June 6.
 Kern, Frederick E., St. Louis, Mo. Manufacturing activated carbon. 1,921,297; Aug. 8.
 Kern, Frederick E., and E. C. Tilton, St. Louis, Mo. Bridge table suspension tray. 1,911,959; May 30.
 Kern, Ludwig. (See Goetz, Gottfried, assignor.)
 Kern, Ludwig, Webster Groves, Mo. Manufacturing porous silica ware. 1,898,839; Feb. 21.
 Kern, Ludwig, Webster Groves, Mo. Coking carbonizable material. 1,899,808; Feb. 28.
 Kern, Ludwig, Webster Groves, Mo. Porous siliceous carbon and the manufacture thereof. 1,899,810; Feb. 28.
 Kern, Ludwig, Webster Groves, Mo. Fuel and the manufacture thereof. 1,899,811; Feb. 28.
 Kern, Ludwig, Webster Groves, Mo. Waterproof material and the manufacture thereof. 1,928,105; Sept. 26.
 Kern, Ludwig and F. C., Webster Groves, Mo. Coking solid carbonizable material. 1,899,809; Feb. 28.
 Kern, Walter. (See Tobler, R., and Kern.)
 Kernan, Frederick H., Irvington, Calif. Concrete gun. 1,911,514; May 30.
 Kerns, Adin U., Altoona, Pa. Riveting machine. 1,914,374; June 20.
 Kerns, Adin U., Altoona, Pa. Ratchet wrench. 1,926,103; Sept. 12.
 Kerns, Adin U., Altoona, Pa. Tool for cutting rivets or the like. 1,940,420; Dec. 19.
 Kerns, Adin U., Altoona, Pa. Riveting machine. 1,940,421; Dec. 19.
 Kerns, Adolf, Gonzales, Calif. Agricultural implement. 1,893,863; Jan. 10.
 Kerns, Leonard R., assignor to Lubrication Devices, Inc., Battle Creek, Mich. Lubricator valve. 1,893,087; Jan. 3.
 Kerns, Roland A., Philadelphia, Pa. Rear-view mirror for automobiles. 1,925,666; Sept. 5.
 Kerotest Manufacturing Company. (See Mueller, Richard W., assignor.)
 Kerr, A. R., et al. (See Hansen, Regner, assignor.)
 Kerr, Alva L., Mansfield, Ohio. Latching mechanism. 1,903,327; Apr. 4.
 Kerr, Andrew, assignor to McClintic Marshall Company, Pittsburgh, Pa. Metallic joist. 1,915,424; June 27.
 Kerr, Arthur D., Holden, assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Bearing for ink roll doctors. 1,905,104; Apr. 25.

- Kerr, Chester L., Emsworth, assignor to Rockgas Products Company, Pittsburgh, Pa. Heating system. 1,914,133; June 13.
- Kerr, Harry E., assignor to The Barber Gas Burner Company, Cleveland, Ohio. Gas burner. 1,932,738-40; Oct. 31.
- Kerr, Howard J. (See Jacobus, D. S., and Kerr.)
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Baffle support. 1,893,803; Jan. 10.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Air heater. 1,894,956; Jan. 24.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Tube support. 1,896,176; Feb. 7.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam drum baffle. 1,901,912; Mar. 21.
- Kerr, Howard J., Westfield, N. J., assignor to Fuller Lehigh Company, Fullerton, Pa. Steam boiler. 1,904,473; Apr. 18.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Baffle for protecting superheater headers. 1,910,439; May 23.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Welding process. 1,912,901; June 6.
- Kerr, Howard J., Westfield, N. J., assignor, by mesne assignments, to Fuller Lehigh Company. Device for evenly distributing a gas carrying solids in suspension into branch conduits. 1,913,675; June 13.
- Kerr, Howard J., Westfield, N. J., assignor to Fuller Lehigh Company, Fullerton, Pa. Device for distributing materials into branch conduits. 1,913,676; June 13.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Tube for mercury boilers. 1,919,334; July 25.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Vapor generator. 1,922,664; Aug. 15.
- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam generator. 1,925,256; Sept. 5.
- Kerr, Howard J., Westfield, and C. U. Savoye, Hackensack, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Tube support. 1,894,692; Jan. 17.
- Kerr, Howard J., Westfield, and G. D. Ebbeys, Kenilworth, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Pressure drum. 1,902,862; Mar. 28.
- Kerr, Howard J., Westfield, N. J., and W. A. Jones, Westerleigh, N. Y., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Boiler with interdeck superheater. 1,906,125; Apr. 25.
- Kerr, Howard J., Westfield, and H. E. Melton, Jersey City, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Vapor generating unit. 1,919,335; July 25.
- Kerr, Howard J., Westfield, and J. E. Black, Rumson, N. J., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Radiant heat superheater. 1,923,097; Aug. 22.
- Kerr, Howard J., Westfield, N. J., and W. A. Jones, Westerleigh, N. Y., assignors to The Babcock & Wilcox Company, Bayonne, N. J. Superheater for water tube boilers. 1,940,805; Dec. 26.
- Kerr, James A., assignor to Providence Braid Company, Pawtucket, R. I. Apparatus for packaging articles. 1,934,471; Nov. 7.
- Kerr, John, Galt, Ontario, Canada. Stitching machine. 1,922,441; Aug. 15.
- Kerr, Margaret A. (See Hopkins, Dimitri N., assignor.)
- Kerr, Mark B., Grasmere, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Synchronizing system. 1,927,707; Sept. 19.
- Kerr, Mark B., Rosebank, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Telegraph system. 1,939,396; Dec. 12.
- Kerr, Paul W., and A. E. Jones, assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Hinge. 1,911,121; May 23.
- Kerr, Ralph W., Yonkers, and H. Berlin, New York, N. Y., assignors to International Patents Development Company, Wilmington, Del. Treatment of steep water. 1,918,812; July 18.
- Kerr, Robert M., assignor to Detroit Dental Manufacturing Company, Detroit, Mich. Dental water heater. 1,919,950; July 25.
- Kerr, Samuel L., Philadelphia, Pa., assignor to I. P. Morris & De La Vergne, Incorporated, Governor. 1,901,831; Mar. 14.
- Kerr, Theresa S., Buffalo, assignor to National Aniline and Chemical Company, New York, N. Y. Production of arylides of 2,3-hydroxynaphthoic acid. 1,917,890; July 11.
- Kerr, Thomas, Schenectady, N. Y., assignor to General Electric Company. Machine center. 1,894,101; Jan. 10.
- Kerr, Thomas, Schenectady, N. Y., assignor to General Electric Company. Cutting tool and making it. 1,901,654; Mar. 14.
- Kerr, Thomas, Long Island City, N. Y., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detector for looms. 1,899,620; Feb. 28.
- Kerr, Wallace E., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Bar unloading skid. 1,940,354; Dec. 19.
- Kerr, William J., Smethport, Pa. Toy wind-wheel. 1,910,923; May 23.
- Kerruish, Edward P., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making lined bearings. 1,900,938; Mar. 14.
- Kerruish, Edward P., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Forming bearings. 1,939,782; Dec. 19.
- Kerschbaum, Friedrich P. (See Gooch, S. D., and Kerschbaum.)
- Kerschbaum, Friedrich P. (See Memminger, C. G., Wagman, Gooch, and Kerschbaum.)
- Kerschbaum, Friedrich P., Winterhaven, Fla. Process and furnace for remelting and refining crude metals. 1,913,929; June 13.
- Kersey, Leon N., assignor to Bond Manufacturing Corporation, Wilmington, Del. Automatic feeding device for bar sizing machines. 1,921,527; Aug. 8.
- Kershaw, George E., East Orange, N. J., assignor to The Superheater Company, New York, N. Y. Increasing power of turbine plants. 1,921,678; Aug. 8.
- Kershaw, Grindrod, Whitworth, Rochdale, England. Tube holder. 1,916,862; July 4.
- Kershaw, Henry, Irvington, N. J. Golf tee device. 1,897,519; Feb. 14.
- Kershaw, William E., Gwynedd Valley, and J. L. Woodbridge, Philadelphia, Pa. Counter-electromotive-force cells. 1,902,081; Mar. 21.
- Kershner, George, assignor to Carey Salt Company, Hutchinson, Kans. Hydraulic salt press. 1,893,996; Jan. 10.
- Kerst, Edgar B., and A. O. Hurxthal, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Knife oscillating device. 1,922,959; Aug. 15.
- Kerst, Werner. (See Runne, E., Moldaenke, and Kirst.)
- Kersten, Harold J., assignor to Board of Directors of the University of Cincinnati, Cincinnati, Ohio. Electrodeposition of tin-gold alloys. 1,905,105; Apr. 25.
- Kersten, Harold J., assignor to Board of Directors of the University of Cincinnati, Cincinnati, Ohio. Electrodeposition of zinc-gold alloys. 1,905,106; Apr. 25.
- Kersten, Harold J., Cincinnati, Ohio. Forming alloy materials by electroplating. 1,924,439; Aug. 29.
- Kersten, Jacob, Kalamazoo, Mich. Baby seat. Des. 90,661; Sept. 12.
- Kersten, Jacob, Kalamazoo, Mich. Toy. 1,904,028; Apr. 18.
- Kersten, Samuel, Chicago, Ill. Water faucet. 1,921,827; Aug. 8.
- Kersten, Samuel, Chicago, Ill. Water faucet. 1,924,942; Aug. 29.
- Kersten, Samuel, Chicago, Ill. Water faucet. 1,924,943; Aug. 29.
- Kersting, Albert H., Los Angeles, Calif. Sash balance. 1,905,107; Apr. 25.
- Kersting, Albert H., Glendale, Calif. Spring sash balance housing. 1,907,830; May 9.
- Kersting, Bernard H., Ben Avon, Pa., assignor to The Dravo Contracting Company. Concrete bucket. 1,902,863; Mar. 28.
- Kersting, Bernard H., Ben Avon, Pa., assignor to The Dravo Contracting Company. Drum weir. 1,922,097; Aug. 15.
- Kertes, John, Pittsburgh, Pa. Tile mounting. 1,913,031; June 6.
- Kertesz, Zoltan I. (See Willaman, J. J., and Kertesz.)
- Kesler, Carl C., Cedar Rapids, Iowa, assignor to Pine Institute of America Incorporated. Varnish. 1,894,374; Jan. 17.
- Kesseling, Fritz, Berlin-Hermsdorf, W. Kaufmann, Berlin-Siemensstadt, and P. Dufing, Berlin-Halensee, Germany, assignors to Westinghouse Electric and Manufacturing Company. Circuit interrupter. 1,927,893; Sept. 26.
- Kessenich, Gregory J. (See Karnes, J. C., and Kessenich.)
- Kessenich, Gregory J., Madison, Wis. Composite gun barrel. 1,903,295; Apr. 4.
- Kessler, Edward J., assignor to Armstrong Cork Company, Lancaster, Pa. Manufacture of molded inlaid inoleum. 1,936,675; Nov. 28.
- Kessler, Frank T., assignor to Continental Distilling Corporation, Philadelphia, Pa. Bottle. Des. 91,033; Nov. 14.
- Kessler, Harry A., Buffalo, N. Y., assignor, by mesne assignments, to Kalman Steel Corporation. Slitting roll stand. 1,927,407; Sept. 19.
- Kessler, Harry A., assignor to Kalman Steel Company, Inc., Chicago, Ill. Expanded load bearing member and forming the same. 1,937,762; Dec. 5.
- Kessler, Johannes, Long Island City, N. Y. Boat propelling system. 1,904,792; Apr. 18.
- Kessler, Louis, Chicago, Ill. Portable air delivering and gas removing machine. 1,910,170; May 23.
- Kessler, Samuel M., Brooklyn, N. Y. Shoe binding. 1,920,751; Aug. 1.
- Kessler, Williamson D., Flint, assignor to General Motors Corporation, Detroit, Mich. Spring mounting. 1,897,807; Feb. 14.

- Kestell, Thomas A., and S. Burton, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Pattern reproducing machine. 1,933,672; Nov. 7.
- Kester, Ernest B. (See Looker, C. D., Kester, Hass, and Friend.)
- Ketchpel, Paul A., West Englewood, N. J., assignor to The Standard Stoker Company, Incorporated. Distributor member for stokers. 1,936,197; Nov. 21.
- Ketchum, Karl E. (See Lacaparra, D., and Ketchum.)
- Kettering, Charles F., and O. E. Marvel, Dayton, Ohio; said Kettering assignor to Delco-Light Company, and said Marvel assignor, by mesne assignments, to North East Appliance Corporation, Rochester, N. Y. Motor starting device. 1,913,887; June 13.
- Kettlein, Friedrich, Britz, Germany. Device for grinding and polishing cylinders. 1,929,639; Oct. 10.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Co., Hoboken, N. J. Slide rule. 1,904,474; Apr. 18.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Co., Hoboken, N. J. Drawing board. 1,904,899; Apr. 18.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Co., Hoboken, N. J. Plane table paper. 1,927,000; Sept. 12.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Co., Hoboken, N. J. Slide rule. 1,930,852; Oct. 17.
- Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Co., Hoboken, N. J. Slide rule. 1,934,232; Nov. 7.
- Keuffel & Esser Co. (See Keuffel, Adolf W., assignor.)
- Keuffel & Esser Co. (See Kraft, Eugene W., assignor.)
- Keup, Albert, Gelsenkirchen, Germany. Apparatus for casting hollow bodies in chill molds rotatable about vertical axes. 1,904,831; Apr. 18.
- Keusen, Peter, Dusseldorf, assignor to Autogenwerk Sirius Gesellschaft mit beschränkter Haftung, Dusseldorf-Eller, Germany. Production of gases from carbides and water. 1,893,777; Jan. 10.
- Kevelson, Max, New York, N. Y. Impregnation of electrical condensers. 1,899,155; Feb. 28.
- Keville, Jesse F., assignor to Kalamazoo Vegetable Parchment Company, Kalamazoo, Mich. Memorandum pad. 1,914,640; June 20.
- Kew, Harry, and J. G. Collins, Detroit, Mich., assignors to National Alloy Co., Piston. 1,898,730; Feb. 21.
- Kex Company. (See Anderson, William M., assignor.)
- Kex Company. (See Fisher, Albert H., assignor.)
- Key Boiler Equipment Company. (See Key, Frederick E., assignor.)
- Key, Frederick E., St. Louis, Mo., assignor to Key Boiler Equipment Company, East St. Louis, Ill. Tube connecting device. 1,914,512; June 20.
- Key, Frederick E., assignor to Key Boiler Equipment Company, East St. Louis, Mo. Making gill ring tubes. 1,916,574; July 4.
- Key, James F., Pasadena, Calif., assignor of sixty-eight per cent to James Irvine, jr. Toy vehicle apparatus. 1,898,633; Feb. 21.
- Key, James M., New York, N. Y., assignor of one-half to John F. Hunt, Newark, N. J. Bottle filler. 1,912,278; May 30.
- Key, William H., assignor to Kimble Glass Company, Vineland, N. J. Flat-top screw-threaded vial manufacture. 1,906,617; May 2.
- Keyes, Charles H. (See Keyes, Homer R. and C. H.)
- Keyes, Container Corporation. (See Katz, Eugen, assignor.)
- Keyes, Donald B., Urbana, T. E. Phipps, Champaign, and W. Klabunde, Chicago, Ill., assignors to Ellis-Foster Company. Electrodeposition of aluminum from its compounds. 1,911,122; May 23.
- Keyes, Donald B., and S. Swann, jr., Urbana, Ill., assignors to Ellis-Foster Company. Electrodeposition of aluminum. 1,939,397; Dec. 12.
- Keyes Fibre Company. (See Junge, Reuben D., assignor.)
- Keyes, Harmon E., Globe, Ariz. Open drainage leaching process. 1,928,728; Oct. 3.
- Keyes, Homer R. and C. H.; said C. H. Keyes, assignor to Homer R. Keys, Los Angeles, Calif. V-shaped belt. 1,923,542; Aug. 22.
- Keys, Jeremiah, Philadelphia, Pa., assignor to Alva Carpet & Rug Company. Loom. 1,930,240; Oct. 10.
- Keys, John H., Dayton, Ohio. Lawn sprinkler. 1,901,655; Mar. 14.
- Keys, John H., Dayton, Ohio. Slow motion rotary sprinkler. 1,906,382; May 2.
- Keyser, Alfred, Berlin-Tegel, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Telephone system. 1,908,365; May 9.
- Keyser, Alfred, and F. Simon, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Multi-office automatic telephone system. 1,930,522; Oct. 17.
- Keyser, Hans, et al. (See Müller, Johan J., assignor.)
- Keyston Bros. (See Keyston, Fredrick B., assignor.)
- Keyston, Frederick B., San Mateo, assignor to Keyston Bros., San Francisco, Calif. Toy pistol. 1,902,708; Mar. 21.
- Keystone Lantern Company. (See Metz, Carl, assignor.)
- Keystone Stamping Corporation. (See Wohlhieter, Joseph W., assignor.)
- Keystone Steel & Wire Company. (See Fisher, E. J. P., and Crane, assignors.)
- Keywood, William, Easton, Wash. Water motor. 1,908,429; May 9.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Seed and plant disinfectant. 1,919,729; July 25.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seed disinfectant composition. 1,919,732; July 25.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seed disinfectant. 1,934,803; Nov. 14.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seed disinfectant. 1,934,804; Nov. 14.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Seed disinfectant. 1,938,839; Dec. 12.
- Kharasch, Morris S., College Park, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Germicide, fungicide, etc., and using the same. 1,920,311; Aug. 1.
- Khayat, Elias, Brooklyn, N. Y. Control switch for electric sewing machines. 1,916,268; July 4.
- Khoenle, Herman F., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial fish bait. 1,920,935; Aug. 1.
- Kibbe, James I. M., Muskegon, Mich. Locking device for scales. 1,896,409; Feb. 7.
- Kibele, Otto B., Wilmington, and E. R. Ericson, San Pedro, Calif.; said Ericson, assignor to said Kibele. Method of and apparatus for hydraulically pumping oil wells. 1,899,697; Feb. 28.
- Kice, James W., assignor of fifteen percent to J. S. Nye, Newton, Kans. Cream can. 1,934,356; Nov. 7.
- Kickler, Thomas J., assignor to Modern Iron Works, Quincy, Ill. Pump unit. 1,915,827; June 27.
- Kidd, John W. (See Hillas, S. D., and Kidd.)
- Kidd, Rollo J., Gibbsboro, N. J., assignor of one-half to Everett G. Clements, Washington, D. C. Illusion device. 1,929,359; Oct. 3.
- Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
- Kidde, Walter, & Company. (See Mapes, Daniel, assignor.)
- Kidde, Walter, & Company. (See McLaren, Malcolm W., assignor.)
- Kidder, Burgess M., et al. (See Perkins, Willis J., assignor.)
- Kidder, Elwin H., assignor to Link-Belt Company, Chicago, Ill. Car door opener. 1,938,026; Dec. 5.
- Kidder, Elwin H., assignor to Link-Belt Company, Chicago, Ill. Car dumper. 1,938,027; Dec. 5.
- Kidder, William E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Sled. 1,905,642; Apr. 25.
- Kidder, William E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Sled. 1,920,866; Aug. 1.
- Kiddie Gym Co. (See Dahl, Conrad, assignor.)
- Kieckhefer, Henry F., Hammond, Ind. Center locating device. 1,904,242; Apr. 18.
- Kieckhefer Container Company. (See Walker, Emery L., assignor.)
- Kieckhefer, Edwin F., Wauwatosa, Wis. Preparing lawns. 1,905,176; Apr. 25.
- Kiefer, Julius E., assignor to Transcello Paper Company, Milwaukee, Wis. Improving the transparency of glassine paper. 1,925,448; Sept. 5.
- Kiefer, Karl, deceased, Cincinnati, Ohio; J. A. Rheinstrom and H. Goldsmith, executors. Closing mechanism for collapsible tubes. 1,939,502; Dec. 12.
- Kiefer, Karl, Dresden, Germany. Metallizing with reflecting highly polished surface celluloid in sheets and any other form by chemical means. 1,941,438; Dec. 26.
- Kiefer, William R., assignor to Sundstrand Engineering Company, Rockford, Ill. Oil burner. 1,897,310; Feb. 14.
- Kiefert, Paul, Berlin-Spandau, and P. Peter, Berlin, Germany. Screw threading machine. 1,913,930; June 13.
- Kieffer, Emil O., Berlin-Schlachtensee, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrical apparatus. 1,898,489; Feb. 21.
- Kiehl, Harry G., assignor to Reading Hardware Corporation, Reading, Pa. Lock mechanism. 1,913,240; June 6.
- Kiel, Fred W. (See Wolf, J., Kiel, and Kahrmann.)
- Kielberg, Henry, Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Gas burner. 1,919,788; July 25.
- Kielberg, Henry, Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container and manufacture thereof. 1,935,848; Nov. 21.
- Kielberg, Henry, Martins Ferry, Ohio, and T. P. Parker, assignors to Wheeling Steel Corporation, Wheeling, W. Va. Receptacle and making the same. 1,928,454; Sept. 26.
- Kienle, John A., Forest Hills, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Footbath. 1,936,398; Nov. 21.
- Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Resinous condensation products and making them. 1,893,873; Jan. 10.
- Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Resinous compositions and preparing the same. 1,898,840; Feb. 21.
- Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Resinous composition. 1,921,756; Aug. 8.

- Kienle, Roy H., and H. C. Rohlf, Schenectady, N. Y., assignors to General Electric Company. Flexible alkyd resin and method of preparation. 1,897,260; Feb. 14.
- Kienle, Roy H., Schenectady, and W. J. Scheider, Troy, N. Y., assignors to General Electric Company. Laminated molded product. 1,921,757; Aug. 8.
- Kienzle, Herbert, Villingen, assignor to Kienzle Uhrenfabriken A. G., Schwenningen-on-the-Neckar, Germany. Mounting and assembly of clockworks and bezels to clock casings. 1,915,096; June 20.
- Kienzle Uhrenfabriken A. G. (See Kienzle, Herbert, assignor.)
- Kiep, Johann N. (See Bauer, G., and Kiep.)
- Kiep, Johann N., Altona-Hochkamp, Germany. Hydraulic coupling. 1,910,696; May 23.
- Kiep, Johann N., Altona-Hochkamp, Germany. Hydraulic power transmitter. 1,910,697; May 23.
- Kiep, Johann N., Altona-Hochkamp, and W. Brose, Hamburg, Germany. Hydraulic coupling. 1,904,054; Apr. 18.
- Kierstead, Friend H. (See Stephens, H. O., and Kierstead.)
- Kiesecker, Jules P., New York, N. Y. Construction and erection of fireproof partitions. 1,934,194; Nov. 7.
- Kiesecker, Jules P., New York, N. Y. Metal furniture. 1,934,195; Nov. 7.
- Kiesel, William F., jr., Hollidaysburg, Pa. Smoke box front. 1,910,800; May 23.
- Kiesel, William F., jr., Hollidaysburg, Pa. Doorpost for railway cars. 1,937,088; Nov. 28.
- Kieser, Walter, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Regulation of a plurality of prime movers. 1,937,349; Nov. 28.
- Kiesling, Leroy H., Brooklyn, N. Y. Elevator guide means. 1,896,900; Feb. 7.
- Kiesling, Le Roy H., Brooklyn, N. Y. Elevator track mounting. 1,901,520; Mar. 14.
- Kiessling, Max, Waterbury, Conn. Slide fastener tape. 1,900,564; Mar. 7.
- Kiessling, Max, Waterbury, Conn. Suspending device. 1,914,951; June 20.
- Kiessling, Max, and A. J. Krieger, Waterbury, assignors to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for fasteners. 1,898,547; Feb. 21.
- Kieswetter, Edward P. (See Schario, A. L., and Kieswetter.)
- Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 1,892,895; Jan. 3.
- Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole cutter for buttonhole sewing machines. 1,896,364; Feb. 7.
- Kiewicz, John, assignor to The Reece Button Hole Machine Company, Boston, Mass. Tacking mechanism for buttonhole sewing machines. 1,914,605; June 20.
- Kiggins, Keith, et al. (See Gilchrist, William L., assignor.)
- Kightlinger, Frank J., Fullerton, Calif. Rotary jar. 1,927,836; Sept. 26.
- Kihara, Gyokujo. (See Tamura, K., Kihara, Asahina, and Ishidate.)
- Kihlgren, Theodore E. (See Pilling, N. B., and Kihlgren.)
- Kihlstedt, Folke H. (See Lundberg, H. T. F., and Kihlstedt.)
- Kilberg, Frank, Detroit, Mich. Sash balance. 1,931,582; Oct. 24.
- Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
- Kilbourn, William D., Denver, Colo., assignor to The White Iron Ores and Products Company. Poison and producing same. 1,898,189; Feb. 21.
- Kilbourne, Frederick L., jr., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Accelerator for the vulcanization of rubber. 1,936,562; Nov. 21.
- Kilbourne, Frederick L., jr., and J. N. Street, Cuyahoga Falls, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber vulcanization accelerator. 1,936,561; Nov. 21.
- Kilbourne, Kenneth A., Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Cyanide applicator. 1,900,717; Mar. 7.
- Kilcup, Ernest I., Barrington, assignor to Daval Rubber Company, Providence, R. I. Flexible fluid container. 1,937,387; Nov. 28.
- Kile, Alfred W., assignor to Durkee-Atwood Company, Minneapolis, Minn. Frost shield. 1,915,098; June 20.
- Kilgore, Charles F., Minneapolis, Minn. Decoy. 1,923,442; Aug. 22.
- Kilgore, Frederick O., Boston, Mass. Hydraulic shock absorber. 1,893,058; Jan. 3.
- Kilgore Mfg. Company, The. (See Andes, Eugene B., assignor.)
- Kilgore Mfg. Company, The. (See Peake, Edward S., assignor.)
- Kilgour, Dwight F., Lexington, Mass. Boiler. 1,924,209; Aug. 29.
- Kilian, Frederick K., Syracuse, N. Y. Caster construction. 1,913,056; June 6.
- Kilian, Frederick K., Syracuse, N. Y. Caster construction. 1,922,098; Aug. 15.
- Killam, Frederick K., Syracuse, N. Y. Caster for furniture and the like. 1,922,099; Aug. 15.
- Kilimnik, Philip, Middle Village, N. Y. Tube protector. 1,902,082; Mar. 21.
- Kilkenny, John E., Portland, Oreg. Combined socket handle and lamp guard. 1,893,088; Jan. 3.
- Killam Gas Burner Company. (See Killam, Gaston B., assignor.)
- Killam, Gaston B., assignor to Killam Gas Burner Company, Denver, Colo. Gas burner. 1,893,587; Jan. 10.
- Killefer Manufacturing Corporation, Ltd. (See Brodersen, Max M., assignor.)
- Killefer Manufacturing Corporation, Ltd. (See Sjogren, O. W., and Vaughn, assignors.)
- Killefer, David H., Yonkers, assignor to Dryice Equipment Corporation, New York, N. Y. Refrigerating apparatus and method. 1,925,537; Sept. 5.
- Killian, Edward S., Akron, Ohio. Apparatus for manufacturing thin rubber articles. 1,923,733; Aug. 22.
- Killingsworth, Perry D., et al. (See Edwards, James E., assignor.)
- Killman, Thomas A., assignor to R. H. Waller, Nashville, Tenn. Egg beater. 1,925,638; Sept. 5.
- Killory, Martin F., Brockton, Mass. Shirt for use with concealed suspenders. 1,897,261; Feb. 14.
- Kilmbacher Spinnerei. (See Hoffer, Heinrich, assignor.)
- Kilmer, Augustus H., Cleveland Heights, Ohio. Locking wires and locking tool for use therein. 1,929,497; Oct. 10.
- Kilmer, Charles B., River Forest, Ill. Insulating unit. 1,894,592; Jan. 17.
- Kilmer, Frederick M., jr., assignor to Collins-Kilmer Corporation, Santa Barbara, Calif. Contractible and expandable well packer. 1,930,361; Oct. 10.
- Kilpatrick, John J., San Francisco, Calif. Spinner. 1,902,560; Mar. 21.
- Kilpatrick, John J., San Francisco, Calif. Fuel directing means for use with gas burners. 1,939,058; Dec. 12.
- Kilpela, Ano E., assignor to Detroit Gear & Machine Company, Detroit, Mich. Gear retaining means. 1,940,455; Dec. 19.
- Kimball, A., Company. (See Hartgenbusch, René, assignor.)
- Kimball, A., Company. (See Laencher, Frederick W., assignor.)
- Kimball, Dwight D., New York, and V. J. Cucci, Brooklyn, assignors to Columnar Heat, Incorporated, New York, N. Y. Heating system. 1,897,759; Feb. 14.
- Kimball, Dwight D., New York, and V. J. Cucci, Brooklyn, assignors to Columnar Heat, Incorporated, New York, N. Y. Floor fitting. 1,912,985; June 6.
- Kimball, Franklin E., Long Beach, Calif. Refining gasoline. 1,892,801; Jan. 3.
- Kimball, Franklin E., Long Beach, Calif. Refining gasoline with beryllium salts. 1,895,223; Jan. 24.
- Kimball, Franklin E., Long Beach, Calif. Refining gasoline with zinc chloride. 1,917,648; July 11.
- Kimball, Richard E., Toledo, Ohio, assignor of one-half to Kenneth P. MacNaughton, Detroit, Mich. Advertising device. 1,896,709; Feb. 7.
- Kimball, Vernon R. (See Dirkes, R. F., and Kimball.)
- Kimball, Vernon R., Palisades Park, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Dividing received intelligence into two or more groups. 1,902,170; Mar. 21.
- Kimball, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wearing apparel and snap fastener therefor. 1,896,868; Feb. 7.
- Kimball, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener installation. 1,919,951; July 25.
- Kimball, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Combined slider and locking means. 1,941,177; Dec. 26.
- Kimber, Harry P., assignor, by mesne assignments, to Erb-Joyce Foundry Company, Detroit, Mich. Nonmetallic permanent mold. 1,935,362; Nov. 14.
- Kimber, Herbert W., Oakland, Calif. Flower receptacle for graves. 1,897,520; Feb. 14.
- Kimberling, Henry R., St. Louis, Mo. Under drain for sewer filtering plants. 1,892,842; Jan. 3.
- Kimberly, John A., Neenah, Wis. Spring washer. 1,925,098; Sept. 5.
- Kimble Glass Company. (See Anastor, Charles G., assignor.)
- Kimble Glass Company. (See Key, William H., assignor.)
- Kimber, Henry R., assignor of one-fourth to A. A. Lund, Fort Worth, Tex. Antiglare device. 1,936,304; Nov. 21.
- Kimbrough, Edwin W., Ontario, Calif., assignor to Frank Kimbrough and E. Mulvihill. Making signs. 1,932,138; Oct. 24.
- Kimbrough, Frank. (See Kimbrough, Edwin W., assignor.)
- Kimm, Ewald J., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,909,281; May 16.
- Kimmel, Isaiah B., and J. V. Stewart, Johnstown, Pa. Parallel throw switch stand. 1,894,693; Jan. 17.
- Kimmel, Joseph G., Sarasota, Fla. Method and apparatus for controlling the temperature of the soil. 1,904,001; Apr. 18.
- Kimmell, William J., Trafford, Pa., assignor to Westinghouse Electric & Manufacturing Company. Space current device. 1,932,077; Oct. 24.
- Kimmell, William J., Trafford, Pa., assignor to Westinghouse Electric & Manufacturing Company. Neutralizing device. 1,939,059; Dec. 12.

- Kimmell, William J., Trafford, and L. Sutherlin, East Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Directly heated alternating current cathode radio tube. 1,911,024; May 23.
- Kimmig, Wilhelm, Wuppertal-Elberfeld, assignor to the Firm Martin Holken G. m. b. H., Wuppertal-Barmen, Renish Prussia, Germany. Artificial silk spinning pump. 1,927,749; Sept. 19.
- Kimp Lock Inc. (See Heyel, Frederick W., assignor.)
- Kimpton, William H. (See Hale, F. C., and Kimpton.)
- Kinahan, John C. (See Goodrich, R. J., and Kinahan.)
- Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
- Kinatome Patents Corporation. (See Oswald, C. L., and Foster, assignors.)
- Kinatome Patents Corporation. (See Ponting, H. G., and Ford, assignors.)
- Kinatome Patents Corporation. (See Proctor, Barton A., assignor.)
- Kincaid, Clarence L. (See Hapkins, Dimitri N., assignor.)
- Kincaid, Earle H., Washington, D. C. Meteorological observations and determinations. 1,915,321; June 27.
- Kincaid, Henry L. (See York, D. H., and Kincaid.)
- Kincaid, Jesse, Kokomo, Ind. Burial vault. 1,912,279; May 30.
- Kincaid, Russell M., assignor to Chrysler Corporation, Detroit, Mich. Article holder. 1,924,502; Aug. 29.
- Kind, Benjamin, Baltimore, Md. Resilient heel. 1,899,093; Feb. 28.
- Kind, Frederick H., assignor to W. Gaterman Mfg. Co., Manitowoc, Wis. Tapping and drilling machine. 1,904,375; Apr. 18.
- Kindall, Sylvian G., Fort Monmouth, N. J. Hat. 1,909,686; May 16.
- Kindel, Charles J., assignor to Kindel Furniture Company, Grand Rapids, Mich. Combination bed. 1,912,711; June 6.
- Kindel Furniture Company. (See Kindel, Charles J., assignor.)
- Kindelberger, James H., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Folding wing plane. 1,928,336; Sept. 26.
- Kindelmann, Albert, Floral Park, and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Lens holder construction and position indicator. 1,921,413; Aug. 8.
- Kindelmann, Albert, Floral Park, and E. Boecking, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Tapered door and gate. 1,930,055; Oct. 10.
- Kindermann, Erich, Berlin-Reinickendorf-West, assignor to Deutsche Gasglühlicht-Auer-Gesellschaft m. b. H., Berlin, Germany. Refrigerating plant. 1,926,286; Sept. 12.
- Kindervater, Julius, Great Neck, N. Y. Staybolt structure. 1,909,108; May 16.
- Kindig, Bruce, Medicine Lodge, Kans. Test device. 1,928,565; Sept. 26.
- Kindl, Carl H. (See Aseltine, F. E., Kindl, and Teeter.)
- Kindl, Carl H. (See Aseltine, F. E., Teeter, Kindl, and Funston.)
- Kindl, Carl H., and Z. C. Bradford, assignors to Delco Products Corporation, Dayton, Ohio. Centrifugal switch. 1,926,339; Sept. 12.
- Kindl, Joseph V., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas valve. 1,917,981; July 11.
- Kindl, Joseph V., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas fixture. 1,917,982; July 11.
- Kindl, Joseph V., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas valve. 1,917,983; July 11.
- Kindl, Joseph V., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas valve. 1,918,758; July 18.
- Kindl, Joseph V., assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Valve. 1,933,177; Oct. 31.
- Kiner, Glenn. (See Eaton, G. R., and Kiner.)
- King, Aden J., assignor to King Laboratories, Inc., Syracuse, N. Y. Evacuation of electronic devices. 1,922,162; Aug. 15.
- King, Albert E. (See Irwin, W. H., and King.)
- King, Alexander H., West Hartford, assignor to Pratt & Whitney Aircraft Company, East Hartford, Conn. Intake system for aircraft engines. 1,935,186; Nov. 14.
- King, Alexander H., and E. A. Ryder, West Hartford, assignors to The Pratt & Whitney Aircraft Company, Hartford, Conn. Internal combustion engine. 1,907,351; May 2.
- King, Alexander H., and E. A. Ryder, West Hartford, assignors to The Pratt & Whitney Aircraft Company, Hartford, Conn. Internal combustion engine. 1,925,987; Sept. 5.
- King, Alexander S., assignor to David Lupton's Sons Company, Philadelphia, Pa. Metallic shelving and the like. 1,930,978; Oct. 17.
- King, Andre. (See Korowski, André.)
- King, Barnwell R., Kalamazoo, Mich. Shield for ignition coils. 1,903,784; Apr. 18.
- King, Benjamin J. (See McKay, J. C., and King.)
- King, Benjamin J., and J. C. McKay, assignors to The McKay Company, Pittsburgh, Pa. Wall structure. 1,936,238; Nov. 21.
- King, Catherine C., Bronxville, N. Y. Worktable for invalids. 1,893,552; Jan. 10.
- King, Currie, Rutherford, Tenn. Seed gatherer for mowing machines. 1,903,769; Apr. 18.
- King, Cyril J., Flushing, assignor to Smoot Engineering Company, New York, N. Y. Regulator. 1,936,763; Nov. 28.
- King, Dean W., San Francisco, Calif. Rear gun sight. 1,922,302; Aug. 15.
- King, Della, Louisville, Ky. Invalid's chair. 1,902,709; Mar. 21.
- King, Don W., and A. L. Lockwood, Jackson, Mich., assignors, by mesne assignments, to Outboard Motors Corporation, Detroit, Mich. Anticavitation plate for outboard motors. Re18,921; Aug. 22.
- King, Edward A., Boston, Mass. Collar. 1,939,214; Dec. 12.
- King, Floyd C., Birmingham, assignor to Guardian Trust Company, Detroit, Mich., trustee. Punch retainer mechanism. 1,910,296; May 23.
- King, Floyd C., Birmingham, assignor to Guardian Trust Company of Detroit, Detroit, Mich., trustee. Tool holder. 1,939,503; Dec. 12.
- King, Frank. (See Amy, E. V., and King.)
- King, Frank A., Englewood, Colo. Mechanical movement. 1,920,988; Aug. 8.
- King, George, Oldbury, assignor to one-half to Albright & Wilson Limited, Oldbury, near Birmingham, England. Making porous articles consisting of silica. 1,928,021; Sept. 26.
- King, George A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Detachable fastener. 1,904,055; Apr. 18.
- King, George D., Fort Dodge, Iowa, assignor to United States Gypsum Company, Chicago, Ill. Foam. 1,907,982; May 9.
- King, George D., and J. S. Offutt, assignors to United States Gypsum Company, Chicago, Ill. Plasterboard and manufacturing same. 1,937,907; Dec. 5.
- King, George E., Wilkinsburg, P. McShane, Pittsburgh, N. D. Cooper, and W. R. Harding, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control system. 1,934,506; Nov. 7.
- King, George R. (See Harkin, Harry E., assignor.)
- King, Gilbert M., Pawtucket, R. I. Textile fabric or similar article. Des. 90,583; Aug. 29.
- King, Gilbert M., assignor to Seekonk Lace Company, Pawtucket, R. I. Textile fabric or similar article. Des. 90,662; Sept. 12.
- King, Guy L., Denver, Colo. Valve lock inserter. 1,926,287; Sept. 12.
- King, Harold A., Birmingham, Mich. Automobile accessory. 1,900,448; Mar. 7.
- King, Harold A., Birmingham, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 1,927,644; Sept. 19.
- King, Harold O. (See Baker, G. R., and King.)
- King, Hendric M., Grimsby, England. Ring for marking birds and animals. 1,937,153; Nov. 28.
- King, Henry, et al. (See Scott, Albert B., assignor.)
- King, Henry F. (See Stolzenburg, F., and King.)
- King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Pressure control for muller rollers. 1,919,225; July 25.
- King, James O., Cleveland, Ohio. Collapsible tube and cap retainer therefor. 1,929,498; Oct. 10.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. Re18,941; Sept. 12.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,894,918; Jan. 17.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,895,224; Jan. 24.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,898,548; Feb. 21.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,913,888; June 13.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,922,100; Aug. 15.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,922,101; Aug. 15.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,925,257; Sept. 5.
- King, Jesse G., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,928,695; Oct. 3.
- King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 1,929,697; Oct. 10.
- King, John H., Amityville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph reproducer. 1,918,972; July 18.
- King, John L., New York, N. Y. Safety razor blade. Des. 89,326; Feb. 21.
- King, John M., Dover, N. J. Fuse. 1,895,513; Jan. 31.
- King, Joseph F., Burbank, assignor of one-half to L. C. King, Glendale, Calif. Egg candling machine. 1,902,244; Mar. 21.
- King, Joseph M., Detroit, Mich. Rubber mill cooling device. 1,894,618; Jan. 17.

- King Laboratories, Inc. (See King, Aden J., assignor.)
 King, Leo C. (See King, Joseph F., assignor.)
 King, Lloyd E., Berwyn, Ill. Electric protective system for elevators and the like. 1,922,163; Aug. 15.
 King, Lochiel M., Alameda, Calif. Composite pile. 1,929,280; Oct. 3.
 King, Ludlow H., and R. G. Stock, St. Louis County, Mo. Antiglare device. 1,917,799; July 11.
 King, Lyman M., jr. (Stine, Walter H., assignor.)
 King Manufacturing Corporation. (See Senauke, Alexander, assignor.)
 King, Patrick F., assignor to The Stanley Works, New Britain, Conn. Sliding door arrangement. 1,901,304; Mar. 14.
 King, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Rotary pump. 1,915,097; June 20.
 King, Robert H., Cleveland Heights, assignor to The Rotor Air Tool Company, Cleveland, Ohio. Rotary motor tool. 1,913,989; June 13.
 King, Robert M., Columbus, Ohio, assignor to National Aluminate Corporation, Chicago, Ill. Working clay slips. 1,929,172; Oct. 3.
 King, Rufus, Plainville, assignor to Bugbee & Niles Company, North Attleboro, Mass. Wrist watch bracelet end. Des. 90,985; Nov. 7.
 King-Seely Corporation. (See Gustine, Arthur N., assignor.)
 King Self-Service Electric Diner Inc., Ltd. (See Stolzenburg, F., and King, assignors.)
 King, Thomas C., Munhall, and F. C. Trautman, Homestead, Pa. Furnace valve reversing system. 1,911,902; May 30.
 King, Vernon C., Worcester, Mass., assignor to E. C. Bowers and C. L. Feldman, receivers for Wickwire Spencer Steel Company, New York, N. Y. Link conveyor belt. 1,936,764; Nov. 28.
 King, Walter E. (See Abercrombie, J. S., and King.)
 King, Walter E., Houston, Tex., assignor to James S. Abercrombie, Houston, Tex. Casing head control. 1,910,698; May 23.
 King, Walter E., assignor to J. S. Abercrombie, Houston, Tex. Uniform pressure casing cutter. 1,913,636; June 13.
 King, Welty S., Youngstown, J. P. Barliak, Campbell, and C. E. Harris, Youngstown, Ohio. Heating material. 1,926,544; Sept. 12.
 King, Winter R. (See Bush, P. L., and King.)
 Kingdon, Ralph H. (See Jackson, J. G., and Kingdon.)
 Kingdon, Ralph H., Maywood, assignor to Sears, Roebuck and Co., Chicago, Ill. Display cabinet for glaziers' supplies. 1,927,837; Sept. 26.
 Kinggett, Hazel. (See Kinggett, William C., assignor.)
 Kinggett, William C., assignor, by court decree to Hazel Kinggett, Oakland, Calif. Combined radiocabinet and desk. 1,935,570; Nov. 14.
 Kingman, Russell B., Orange, N. J. Soluble ink fountain pen. 1,912,774; June 6.
 Kingman, Russell B., Orange, N. J., assignor to Metal Textile Corporation, West Orange, N. J. Scouring implement. 1,937,577; Dec. 5.
 King's Laundry Company. (See Kamper, Leslie H., assignor.)
 Kingsbury, Edward J. (See Swahnberg, G., and Kingsbury.)
 Kingsbury, Edwin F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photographic copying system. 1,906,973; May 2.
 Kingsbury, Edwin F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical discharge device. 1,908,366; May 9.
 Kingsbury, Edwin F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 1,939,060; Dec. 12.
 Kingsbury, George P. (See Ackerman, W., and Kingsbury.)
 Kingsbury, Harry T. (See Arnold, F. K., and Kingsbury.)
 Kingsbury, Harry T., Keene, N. H. Combined fender and tail-light socket for toy automobiles. Des. 89,444; Mar. 14.
 Kingsbury, Harry T., Keene, N. H. Flash light. Des. 89,965; May 23.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Battery flash light. Des. 90,320; July 18.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Battery flash light. Des. 90,321; July 18.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Check dispenser. 1,914,261; June 13.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Unit for toy vehicles. 1,917,128; July 4.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Registering bank. 1,939,353; Dec. 12.
 Kingsbury, Harry T., assignor to Kingsbury Mfg. Company, Keene, N. H. Lighting system for toy vehicles. 1,939,354; Dec. 12.
 Kingsbury Machine Tool Corporation. (See Swahnberg, G., and Kingsbury, assignors.)
 Kingsbury Manufacturing Company. (See Arnold, F. K., and Kingsbury, assignors.)
 Kingsbury Mfg. Company. (See Kingsbury, Harry T., assignor.)
 Kingsbury, William A., Hayward, Calif., assignor to Sprague Sells Corporation, Hoopeston, Ill. Apparatus for treating and peeling fruit. 1,916,269; July 4.
 Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat regulating device. 1,893,237; Jan. 3.
 Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 1,893,238; Jan. 3.
 Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Humidity control system. 1,937,968; Dec. 5.
 Kingsland, William K., Philadelphia, Pa. Collapsible crate. 1,932,273; Oct. 24.
 Kingsley, Charles B., Clairton, Pa. Crusher for glass and the like. 1,893,030; Jan. 3.
 Kingston, Frederick S., assignor to The Sunlight Electrical Manufacturing Company, Warren, Ohio. Dynamo-electric machine. 1,910,610; May 23.
 Kingston, Frederick S., Warren, Ohio, assignor, by mesne assignments, to The Oakwood Electrical Manufacturing Company. Induction motor. 1,916,270; July 4.
 Kingston, Frederick S., Warren, Ohio, assignor, by mesne assignments, to Sunlight Electrical Company. Electric motor. 1,935,800; Nov. 21.
 Kingston Products Corporation. (See Beal, Fay, assignor.)
 Kingston Products Corporation. (See Kemp, William E., assignor.)
 Kingston Products Corporation. (See Linga, Torbjorn, assignor.)
 Kingston Products Corporation. (See Ulrich, Carl J., assignor.)
 Kingston Products Corporation. (See Zimmerer, Mark E., assignor.)
 Kinkead, Fullerton S., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeating system. Re18,900; July 18.
 Kinkead, Fullerton S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 1,915,366; June 27.
 Kinkead, Robert S., St. Paul, Minn. Mower. 1,917,649; July 11.
 Kinkead, William S., Chicago, Ill. Carton. 1,901,036; Mar. 14.
 Kinna, Franziska, née Rutgerus, and H. Hagemeier, Hamburg, Germany. Dental plate. 1,914,606; June 20.
 Kinnard, Luther J. (See White, K. M., and Kinnard.)
 Kinnard, Luther J., Pasadena, assignor to Consolidated Steel Corporation, Ltd., Los Angeles, Calif. Arc welding machine. 1,921,572; Aug. 8.
 Kinnard, Luther J., Pasadena, Calif., assignor to Westinghouse Electric Elevator Company. Elevator control system. 1,921,679; Aug. 8.
 Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler mechanism. 1,923,674; Aug. 22.
 Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler mechanism. 1,923,675; Aug. 22.
 Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Transitional coupler. 1,927,268; Sept. 19.
 Kinne, Edmund P., and L. T. May, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Core forming device. 1,930,682; Oct. 17.
 Kinnear, Leland P., Beaumont, Tex. Drilling wells. 1,919,844; July 25.
 Kinnear, Leland P., Beaumont, Tex. Well drilling apparatus. 1,919,845; July 25.
 Kinnear Manufacturing Company, The. (See Fleming, John G., assignor.)
 Kinnear Manufacturing Company, The. (See McCloud, Edward H., assignor.)
 Kinnebrock, Franz. (See Weber, R., Bremen, and Kinnebrock.)
 Kinnell, D. C., & Co. (See Kinnell, David C., assignor.)
 Kinnell, David C., assignor to D. C. Kinnell & Co., Incorporated, Montclair, N. J. Insect repellent paper and making the same. 1,927,798; Sept. 19.
 Kinner, Winfield B., Glendale, Calif. Airplane folding wing. 1,910,611; May 23.
 Kinney, Ansel M. (See Gorsuch, E. H., and Kinney.)
 Kinney, Edward A., Watertown, and J. W. Galligan, Jamaica Plain, Mass. Radio program selecting apparatus. 1,939,267; Dec. 12.
 Kinney, Fay D., Southbridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Foxing cementing machine. 1,912,526; June 6.
 Kinney, Fay D., Southbridge, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Impression coating machine. 1,926,152; Sept. 12.
 Kinney, G. R. Co. (See Malcolm, George, assignor.)
 Kinney, Harmon C., Ambler, Pa., assignor, by mesne assignments, to Ambler Asbestos Shingle & Sheathing Company. Apparatus for shaping molding. 1,900,939; Mar. 14.
 Kinney, Harmon C., Ambler, Pa., assignor, by mesne assignments, to Ambler Asbestos Shingle & Sheathing Company. Scoring machine. 1,929,893; Oct. 10.
 Kinney, Selwyne P. (See Boynton, A. J., and Kinney.)
 Kinney, Selwyne P., assignor to H. A. Brassert & Company, Chicago, Ill. Combustion apparatus. 1,897,808; Feb. 14.

- Kinpointer, Joseph, Glendale, Long Island, N. Y. Paint brush attachment. 1,915,893; June 27.
- Kinsella, Edward. (See Cope, E. C., and Kinsella.)
- Kinsella, Edward. (See Dreyfus, H., Kinsella, Bower, and Taylor.)
- Kinser, Vernon, Butterfield, Mo. Automatic transmission. 1,902,245; Mar. 21.
- Kinsley, Albert E., Norwich, and C. A. Noyes, Kenwood, N. Y. Stocking stretcher and drier. 1,914,206; June 13.
- Kinsley, Albert E., and D. J. Kinsley, Norwich, N. Y. Animal trap. 1,930,717; Oct. 17.
- Kinsley, Carl, Scarsdale, N. Y. Magnetic testing of masses. 1,910,770; May 23.
- Kinsley, Donald J. (See Kinsley, Albert E., and D. J.)
- Kinsley, Felix P., and J. C. Fleischman, St. Louis, Mo. Ear-phone or aid to hearing. 1,908,850; May 16.
- Kinsman, Gordon, Jersey City, N. J., assignor to Calorcoil Burner Corporation. Oil burner. 1,901,456; Mar. 14.
- Kinsman, Russell C., assignor to Taylor Instrument Companies, Rochester, N. Y. Milk heater control. 1,905,722; Apr. 25.
- Kinson, Frank P., Buffalo, assignor to The Linde Air Products Company, New York, N. Y. System for producing and storing liquid oxygen. 1,936,059; Nov. 21.
- Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. Des. 90,986; Nov. 7.
- Kintzele, Julius H., assignor to Pauly Jail Building Company, St. Louis, Mo. Lock. 1,929,248; Oct. 3.
- Kintzing, James B., Hanover, Pa. Agitator. 1,925,925; Sept. 5.
- Kintzing, Reese T., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronous motor control system. 1,895,931; Jan. 31.
- Kintzing, Reese T., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 1,918,973; July 18.
- Kinyon, Alonzo G., deceased, by Allentown National Bank, executor, Allentown, assignor, by mesne assignments, to Fuller Company, Catasauqua, Pa. Indicating device. 1,936,844; Nov. 28.
- Kinzbach, Frank, Houston, Tex. Pipe cleaning machine. 1,901,247; Mar. 14.
- Kinzbach, Frank, Houston, Tex. Load handling apparatus. 1,922,303; Aug. 15.
- Kinzel, Arch H., Akron, Ohio. Gasket. 1,913,677; June 13.
- Kinzel, Augustus B., Beechhurst, N. Y., assignor to Electro Metallurgical Company. Nitriding metals. 1,907,183; May 2.
- Kinzel, Augustus B., Beechhurst, Long Island, N. Y., assignor to Electro Metallurgical Company. Metal container. 1,924,043; Aug. 22.
- Kinzel, Augustus B., Beechhurst, N. Y., assignor to Electro Metallurgical Company. Steel and articles made therefrom. 1,929,554; Oct. 10.
- Kinzel, Augustus B., Beechhurst, Long Island, N. Y., assignor to Electro Metallurgical Company. Bright annealing. 1,931,134; Oct. 17.
- Kinzer, Charles W., Atlanta, Ga., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Register. 1,925,258; Sept. 5.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium, silicon and alkali metal solutions and making same. 1,916,226; July 4.
- Kinzie, Charles J., and J. A. Plunkett, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Vitreous enamel composition and making same. 1,925,560; Sept. 5.
- Kinzie, Phillip A. (See McClellan, L. N., Kinzie, Savage, and Day.)
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Hydro-mechanically controlled needle valve. 1,919,112; July 18.
- Kinzie, Phillip A., assignor to Universal Hydraulic Corporation, Denver, Colo. Valve. 1,919,165; July 18.
- Kinzing, Adolf, Pforzheim, Germany. Combination magazine pencil and letter opener. Des. 90,890; Oct. 17.
- Kinzy, Jacob, Brooklyn, N. Y. Camera case. 1,918,813; July 18.
- Kipe, Lorenzo D., assignor to The Radium Emanation Corporation, New York, N. Y. Sterilization of radon seeds. 1,921,084; Aug. 8.
- Kippe, Otto, Osnabruck, assignor of one-half to Klockner-Werke A.-G., Castrop-Rauxel, Germany. Producing calcium nitrate from dolomite while simultaneously obtaining magnesite. 1,904,946; Apr. 18.
- Kipper, Ewald, Brackwede, Germany. Medicine package. 1,900,606; Mar. 7.
- Kirby, Charles H., Bellingham, Wash. Automobile telephone. 1,912,376; June 6.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,904,002; Apr. 18.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor primer. 1,917,591; July 11.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Down draft carburetor. 1,918,974; July 18.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,919,470; July 25.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,931,259; Oct. 17.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,931,613; Oct. 24.
- Kirby, Charles H., assignor to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,934,130; Nov. 7.
- Kirby, Ferris S. (See Leaf, I., and Kirby.)
- Kirby, James B., West Richfield, Ohio. Pivotal connection. 1,892,896; Jan. 3.
- Kirby, James B., West Richfield, Ohio. Washing machine. 1,905,912; Apr. 25.
- Kirby, James B., West Richfield, assignor to Industrial Improvements Incorporated, Cleveland, Ohio. Laundry machine. 1,911,903; May 30.
- Kirby, James B., West Richfield, assignor to Industrial Improvements Incorporated, Cleveland, Ohio. Laundry machine. 1,911,904; May 30.
- Kirby, James B., West Richfield, assignor to Industrial Improvements Incorporated, Cleveland, Ohio. Dishwashing machine. 1,927,665; Sept. 19.
- Kirby, James B., West Richfield, assignor to Industrial Improvements Incorporated, Cleveland, Ohio. Laundry machine. 1,932,246; Oct. 24.
- Kirch, Ernst, Berlin-Oberschönnewide, Germany, assignor to General Electric Company. Temperature indicator. 1,917,129; July 4.
- Kirch, Ralph C., Keokuk, Iowa. Curry-comb. 1,930,977; Oct. 17.
- Kirchdörfer, Hans. (See Droste, H. W., and Kirchdörfer.)
- Kircher, Carl, and H. Acker, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of cyanamides of the alkaline earth metals. 1,896,489; Feb. 7.
- Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Cooking utensil handle. 1,900,565; Mar. 7.
- Kirchhoff, Friedrich. (See Hurlbrink, E., and Kirchhoff.)
- Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough divider. 1,899,238; Feb. 28.
- Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Sifter mechanism. 1,926,903; Sept. 12.
- Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough working apparatus. 1,931,614; Oct. 24.
- Kirchner, Carl, assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Method and apparatus for making spring structures. 1,907,323; May 2.
- Kirchner, Carl, assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Spring bed bottom. 1,907,324; May 2.
- Kirchner, Walter, Berlin-Grunau, assignor to Chemische Fabrik Grunau, Landshoff & Meyer Aktiengesellschaft, Berlin-Grunau, Germany. Cement and cement mortar, and product thereof. 1,910,297; May 23.
- Kirchoff, Elmer J., Detroit, Mich. Vertically and laterally shiftable window. 1,933,984; Nov. 7.
- Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Condensing apparatus. 1,900,504; Mar. 7.
- Kirk, Claude R., Chicago, Ill. Display case. Des. 91,138; Dec. 5.
- Kirk, Claude R., Hollywood, Calif., assignor to J. Frank Meyer, doing business as Exhibit Supply Co., Chicago, Ill. Game accessory. Des. 91,034; Nov. 14.
- Kirk, Ernest W. (See Ellis, G. H., Olpin, and Kirk.)
- Kirk, Henry C., Baltimore, Md.; Colonial Trust Company executors of said H. C. Kirk, deceased. Oil treatment process and apparatus therefor. 1,901,172; Mar. 14.
- Kirk, Noel R., Tientsin, China. Dispensing apparatus. 1,920,867; Aug. 1.
- Kirk, Noel R., Tientsin, China. Latch operating means. 1,920,868; Aug. 1.
- Kirk, Stanley E. (See Salmon, R. D., and Kirk.)
- Kirk, William C., Indianapolis, Ind. Knockdown convertible stand. Re18,807; Apr. 25.
- Kirk, William J. (See Grotz, H. S., and Battalio, assignors.)
- Kirk, William J., Wellsburg, W. Va. Therapeutic apparatus. 1,914,026; June 13.
- Kirke, Harold L., Clapham Park, London, A. B. Howe, Hatch End, and A. E. Barrett, Clapham Common, London, England. Loud speaker. 1,930,757; Oct. 17.
- Kirkham, Doyle Z. (See Brower, C. R., and Kirkham.)
- Kirkman, Thomas W., New York, N. Y. Electric fuse. 1,928,997; Oct. 3.
- Kirkpatrick, H. C. (See Stevens, Harry G., assignor.)
- Kirkpatrick, Harry E. (See Polakoff, George G., assignor.)
- Kirkpatrick, James M., London, England. Sliding door, gate, or partition. 1,896,748; Feb. 7.
- Kirkpatrick, James R., Grand Rapids, Mich. Chair or similar article. Des. 90,489; Aug. 15.
- Kirkstaedter, Imfried, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Amplifier power supply. 1,917,722; July 11.
- Kirkwood, Arthur M., Portland, Oreg. Debarking machine. 1,905,387; Apr. 25.
- Kirkwood, Harry R., assignor of one-fourth to R. C. Speer, Pittsburgh, Pa. Lock. 1,905,177; Apr. 25.
- Kirnbauer, Michael, Forest Park, Ill. Automatic door release mechanism. 1,918,847; July 18.
- Kirner, Josef, Stuttgart, Germany, assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Making bearing material. 1,918,187; July 11.

- Kirsch, Benjamin, assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Automotive heater. 1,923,676; Aug. 22.
- Kirsch, Charles W., Sturgis, Mich. Cornice curtain pole. Des. 90,532; Aug. 22.
- Kirsch, Charles W., assignor to Kirsch Company, Sturgis, Mich. Weight for curtains and draperies. 1,936,198; Nov. 21.
- Kirsch Company. (See Kirsch, Charles W., assignor.)
- Kirsch, Michael, Milwaukee, Wis. Staging clamp. 1,935,246; Nov. 14.
- Kirsch, Rudolf, assignor to the Firm Rinco A.-G., Zofingen, Switzerland. Producing diapositives in the production of printing forms. 1,909,282; May 16.
- Kirschbraun, Lester. (See Avery, H. C., and Kirschbraun.)
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Patent Licensing Corporation, Boston, Mass. Roofing and making same. 1,900,940; Mar. 14.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Producing asphalt. 1,902,305; Mar. 21.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Method of and apparatus for making roofing. 1,912,986; June 6.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Flint Kote Corporation, Boston, Mass. Process and apparatus for producing emulsions. 1,916,885; July 4.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Treating emulsions. 1,918,759; July 18.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Fibrous composition. 1,926,982; Sept. 12.
- Kirschbraun, Lester, Leonia, N. J., assignor, by mesne assignments, to The Flintkote Corporation, New York, N. Y. Aqueous dispersions of rubber. 1,929,499; Oct. 10.
- Kirschen, Arnold, Bucharest, Rumania. Buffer device for self-driven vehicles. 1,925,763; Sept. 5.
- Kirschstein, Benjamin, et al. (See Rosenwald, Isidor, assignor.)
- Kirsebom, Gustaf N., Oslo, Norway, assignor to Calloy Limited, London, England. Process for the reduction of alkaline earth metals and the production of alloys of aluminum. 1,935,245; Nov. 14.
- Kirst, William E. (See Davis, C. W., Handforth, and Kirst.)
- Kirst, William E. (See Handforth, S. L., and Kirst.)
- Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Evaporation of nitric acid. 1,901,875; Mar. 21.
- Kirstin, Alfred J. (See Titsworth, Fred L., assignor.)
- Kirton, Thomas A., Jacksonville, Fla. License or emblem tag and fastening means therefor. 1,925,667; Sept. 5.
- Kirton, Thomas A., Jacksonville, Fla. Self-locking bolt. 1,929,116; Oct. 3.
- Kirton, Thomas A., assignor to Lanier-Kirton Co. Inc., Jacksonville, Fla. Self-locking bolt. 1,902,454; Mar. 21.
- Kiser, Stanley T., Youngstown, Ohio. Welding electrode holder. 1,895,573; Jan. 31.
- Kish, Zoltan J., Pittsburgh, Pa., assignor to Northwestern Yeast Company, Chicago, Ill. Yeast composition for use in candy making. 1,898,057; Feb. 21.
- Kishline, Floyd F., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Vibration damper. 1,917,650; July 11.
- Kishline, Floyd F., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Suspension means for heat control valves. 1,927,550; Sept. 19.
- Kislinger, Joseph B., assignor to Marie B. Kislinger, New York, N. Y. Watchcase. 1,927,838; Sept. 26.
- Kislinger, Marie B. (See Kislinger, Joseph B., assignor.)
- Kislyn Corporation. (See Berthon, Rodolphe, assignor.)
- Kislyn Corporation. (See Brosse, Paul, assignor.)
- Kiss, James, Bethlehem, Pa., assignor to Kiewicz Money Changer Corporation. Change dispensing mechanism. 1,916,271; July 4.
- Kissel, Hermann, Leipzig, Germany, assignor, by mesne assignments, to United Chromium, Inc., New York, N. Y. Electrolytic deposition of chromium. 1,922,853; Aug. 15.
- Kissel, Ralph V., Lima, assignor of one-third to W. H. Molter, Delphos, Ohio. Temper screw feed. 1,910,108; May 23.
- Kissick, Elmer J., Dormont, Pa. Stopper. 1,912,080; May 30.
- Kissing, Friedrich, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Valve control mechanism. 1,904,475; Apr. 18.
- Kissing, Friedrich, Charlottenburg, and A. Maas, Berlin-Tegel, Germany, assignors to General Electric Company. Fluid pressure regulator. 1,920,752; Aug. 1.
- Kissing, Friedrich, and P. Hösel, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Power plant. 1,927,687; Sept. 19.
- Kissinger, Raymond J., Fort Myers, Fla. Battery support. 1,904,620; Apr. 18.
- Kissling, Albert. (See Fischer, E., Kissling, and Kracker.)
- Kistler, Harry L., and P. J. Trompeter, Jr., Peru, Ill. Substrate planer. 1,917,130; July 4.
- Kistler, Henry G. (See Maxwell, Joseph G., and A. J., assignors.)
- Kistler, Ray H. (See Hamilton, Joseph M., assignor.)
- Kistner, Frederick J., assignor to The J. A. Fay & Egan Company, Cincinnati, Ohio. Dowel machine. Des. 89,897; May 16.
- Kistner, Herman H., Baltimore, Md. Closure fastening and locking means. 1,899,466; Feb. 28.
- Kistner, Merrill M., Indianapolis, Ind., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wringer. 1,906,862; May 2.
- Kitamura, Zenkuro, Vancouver, British Columbia, Canada. Windshield for motor cars and the like. 1,939,122; Dec. 12.
- Kitaoka, Toraki. (See Hirose, T., and Kitaoka.)
- Kitchen Aid Manufacturing Company, The. (See Johnston, H. L., and Meeker, assignors.)
- Kitchen Art Foods, Inc. (See Lorenzen, Heinz G., assignor.)
- Kitchen, Francis A., Cleveland, Ohio. Air cooling. 1,902,246; Mar. 21.
- Kitchen, Francis N., Pensby, England, assignor to Imperial Chemical Industries, Limited. Manufacture of calcium hypochlorite. 1,937,230; Nov. 28.
- Kitchen, John F., Erie, Pa. Facilitate the distribution of fuel in internal combustion engines. 1,931,729; Oct. 24.
- Kitchens, William F. (See Smith, Roy F., assignor.)
- Kitendaugh, Eugene F. (See Harper, C. C., and Kitendaugh.)
- Kitroser, Isaac, Paris, France, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Cinematographic objective. 1,897,262; Feb. 14.
- Kitroser, Isaac, Paris, France, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Optical apparatus for the examination of gophered films. 1,931,228; Oct. 17.
- Kitsée, Isidor, assignor to Mineralite Corporation, Philadelphia, Pa. Protecting metallic surfaces of refrigerators from sulphur compounds. 1,896,141; Feb. 7.
- Kitsee, Isidor, deceased, by R. W. Brown, executor, assignor to Mineralite Corporation, Philadelphia, Pa. Fire-resisting fiber board or like article and making the same. 1,910,469; May 23.
- Kitsée, Isidor, assignor to Mineralite Corporation, Philadelphia, Pa. Insulating electric conductors. 1,913,889; June 13.
- Kitselman, Alva L., assignor to Kitselman Brothers, Muncie, Ind. Roller skate. 1,935,187; Nov. 14.
- Kitselman Brothers. (See Kitselman, Alva L., assignor.)
- Kitson Company. (See Lovekin, Luther D., assignor.)
- Kitson Company. (See Lovekin, L. D. and Le Gorre, assignors.)
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,917,800; July 11.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,917,984; July 11.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,917,985; July 11.
- Kitto, Leslie G., Flint, Mich. Core drawing machine. 1,913,808; June 13.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,887; Mar. 7.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,888; Mar. 7.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Spraying device. 1,911,367; May 30.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,918,400; July 18.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,921,033; Aug. 8.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Brush holder. 1,933,628; Nov. 7.
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,933,629; Nov. 7.
- Kitto, William H., Canton, and R. G. Roshong, North Canton, Ohio, assignors to The Hoover Company. Air supply controlling means. 1,911,366; May 30.
- Kittredge, Lee H., Superior, Wis. System for supplying independent current to ignition circuits. 1,936,330; Nov. 21.
- Kittredge, Rufus J., Evanston, Ill. Photographic film strip developing device. 1,924,944; Aug. 29.
- Kitts, Sara M., Lima, Ohio. Washing machine. 1,894,178; Jan. 10.
- Kitzelman, Frank, assignor to Acorn Wire & Iron Works, Chicago, Ill. Gate lock. 1,918,814; July 18.
- Kivikink, August E., Indiana Harbor, Ind. Cigar perforator. 1,910,342; May 23.
- Kivley, Ray C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Braiding machine. Re-18,869; June 13.
- Kiwi Mfg. Co. (See Kiwi, Walter, assignor.)
- Kiwi Mfg. Co. (See Thomas, Charles J., assignor.)

- Kiwi, Walter, Andalusia, assignor to Kiwi Mfg. Co., Inc., Philadelphia, Pa. Forming loops on coil springs. 1,908,367; May 9.
- Kizer, Howard W., South Orange, N. J., assignor to The Texas Company, New York, N. Y. Motor driven tank truck. Des. 89,642; Apr. 18.
- Kjaer, Viggo A., Copenhagen, Denmark. Reversible rotary blower or pump. 1,904,056; Apr. 18.
- Kjaer, Viggo A., Copenhagen, Denmark. Yieldable gearing. 1,916,482; July 4.
- Kjaer, Viggo A., Copenhagen, Denmark. Four-stroke internal combustion engine. 1,927,368; Sept. 19.
- Kjekstad, Johannes, Hillside, N. J. Truss weld system. 1,933,860; Nov. 7.
- Kjekstad, Johannes, Hillside, N. J. Hull for ship construction. 1,933,861; Nov. 7.
- Kjellgren, Bengt, assignor to The Brush Development Company, Cleveland, Ohio. Producing piezo-electric crystals. 1,906,757; May 2.
- Kjellgren, Bengt, assignor to The Brush Development Company, Cleveland, Ohio. Crystal and producing the same. 1,906,758; May 2.
- Klabon, John L., assignor to Norge Corporation, Detroit, Mich. Compressor discharge valve. 1,931,198; Oct. 17.
- Klabunde, Walter. (See Keyes, D. B., Phipps, and Klabunde.)
- Klages, Chester F. and N. H., assignors to G. W. Klages and Son, Incorporated, Pittsburgh, Pa. Multiple glass cutting machine. 1,907,297; May 2.
- Klages, Frank E. P., Park Ridge, assignor to The Powers Regulator Company, Chicago, Ill. Temperature control for cloth driers. 1,937,155; Nov. 28.
- Klages, G. W., and Son, Incorporated. (See Klages, Chester F. and N. H., assignors.)
- Klages, Norman H. (See Klages, Chester F. and N. H.)
- Klaholt, Mary B. (See Bassel, Rita, assignor.)
- Klaiber, Erich. (See Beer, K., Klaiber, and Arnold.)
- Klaiber, Erich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Ignition device for aircraft engines. 1,901,846; Mar. 14.
- Klaiber, Erich, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Centrifugal governor. 1,916,181; June 27.
- Klaiber, Maximilian, Hackensack, assignor to Frank W. Hastings, jr., Jersey City, N. J. Dishwashing machine. 1,915,162; June 20.
- Klapper, Benjamin A., assignor to Sprague, Warner & Company, Chicago, Ill. Display case. 1,902,132; Mar. 21.
- Klar, Walter H., assignor to Milton Bradley Company, Springfield, Mass. Carving material. 1,899,200; Feb. 28.
- Klarenaar, Guido, Dusseldorf-Neuss, and B. Franz, Dusseldorf-Oberkassel, Germany. Electromagnetic device for oscillating the headlights of motor vehicles. 1,929,640; Oct. 10.
- Klarmann, Emil, Jersey City, and L. W. Gates, assignors to Lehn & Fink, Inc., Bloomfield, N. J. Substituted alkyl-hydroxy-diphenyl methanes. 1,926,873; Sept. 12.
- Klarmann, Emil, Jersey City, and L. W. Gates, assignors to Lehn & Fink, Inc., Bloomfield, N. J. Substituted polyalkyl-hydroxy-diphenylmethanes. 1,926,874; Sept. 12.
- Klarmann, Emil, Jersey City, and L. W. Gates, assignors to Lehn & Fink, Inc., Bloomfield, N. J. Substituted halogen-phenols. 1,938,911; Dec. 12.
- Klarmann, Emil, Jersey City, and L. W. Gates, assignors to Lehn & Fink, Inc., Bloomfield, N. J. Substituted halogen-phenols. 1,938,912; Dec. 12.
- Klas, Heinrich, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Applying a protective coating to metallic articles. 1,932,699; Oct. 31.
- Klasey, Sarah R., Aurora, Ill. View camera. 1,928,757; Oct. 3.
- Klasing, Augustus F., Chicago, Ill. Brake mechanism. 1,905,400; Apr. 25.
- Klasing, Augustus F., Chicago, Ill. Railway car brake mechanism. 1,927,287; Sept. 19.
- Klasstorner, Samuel, assignor to Faith Mfg. Co., Chicago, Ill. Radiator cap. Des. 89,199; Feb. 7.
- Klatt, Herman, Pueblo, Colo. Helicopter-type aircraft. 1,911,695; May 30.
- Klatt, Walter R., Goldendale, Wash. Log turner. 1,924,440; Aug. 29.
- Klatte, Fritz, Rheinfelden-in-Baden, and H. Müller, Frankfurt-on-the-Main Schwanheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing polymerization products of vinyl halides. 1,920,403; Aug. 1.
- Klaucke, Hermann, assignor to Baldwin-Duckworth Chain Corporation, Worcester, Mass. Chain link holding device. 1,939,986; Dec. 19.
- Klauwer, William H., Dubuque, Iowa. Making pipe hangers. 1,898,878; Feb. 21.
- Klauwer, William H., Dubuque, Iowa. Knockdown sheet metal window. 1,936,513; Nov. 21.
- Klausmeyer, David C., deceased, by H. Henry Sundermann, executor, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Internal gear drive. 1,899,201; Feb. 28.
- Klausmeyer, David C., deceased, by H. H. Sundermann, executor, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Spindle guide bracket. 1,928,756; Oct. 3.
- Klay, Walter S., assignor to Landis Tool Company, Waynesboro, Pa. Setting planer heads. 1,931,730; Oct. 24.
- Kleber, Jackson O., Jackson Heights, N. Y. Machine for recording and reproducing sound motion pictures. 1,937,089; Nov. 28.
- Klebert, Ludwig, Cologne-Deutz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of granulated active charcoal. 1,899,339; Feb. 28.
- Kleenburn Stoker Corporation. (See Solberg, O. T., Shott, and Walker, assignors.)
- Kleen-Kap Corporation. (See Laidlaw, Walter G., assignor.)
- Kleenti Co. Inc., The. (See Fe Bland, Leon C., assignor.)
- Kles, Albert L., assignor to Combustion Utilities Corporation, New York, N. Y. Diffusion flame combustion using liquid fuel. 1,931,927; Oct. 24.
- Klefbeck, Victor B., New Boston, N. H. Advertising device. 1,909,544; May 16.
- Klefer, Charles B., assignor to Bloomer Bros. Company, Newark, N. Y. Container for fragile articles. 1,908,257; May 9.
- Klefer, Charles B., and J. P. Shearer, assignors to Bloomer Bros. Company, Newark, N. Y. Carton packing. 1,910,924; May 23.
- Kleiger, Phillip, et al. (See Block, Morris H., assignor.)
- Kleijn, Adrianus. (See Becker, H. L., and Kleijn.)
- Kleijn, Adrianus, et al. (See Van Hasselt, Johan F. B., assignor.)
- Klein, Adolph, New York, N. Y. Cardboard box. 1,922,854; Aug. 15.
- Klein, August J., Dubuque, Iowa. Window construction. 1,933,558; Nov. 7.
- Klein, Benjamin F., Detroit, Mich. Quilted goods and making the same. 1,924,935; Aug. 29.
- Klein, Carl A. (See Cutler, L. W., and Klein.)
- Klein, Carl F., assignor to R. Groetchen, Chicago, Ill. Top for a game table or similar article. Des. 89,570; Apr. 4.
- Klein, Charles H., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transposition bracket. 1,912,456; June 6.
- Klein, Gabriel. (See Lefkowitz, H., and Klein.)
- Klein, George, Chicago, Ill., assignor to Victor Chemical Works. Elimination of manganates in the production of tri-alkali phosphates from ferrophosphorus. 1,939,305; Dec. 12.
- Klein, Hans. (See Beck, A., and Klein.)
- Klein, Hans, and A. Beck, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of vulcanized rubber. 1,908,482; May 9.
- Klein, Hans, Mannheim, H. Kaehler, Oppau, and H. Zorn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of paraffin wax. 1,936,453; Nov. 21.
- Klein, Hedwig M., executrix. (See Lichtenstein, Ludwig.)
- Klein, Jakob. (See Lichtenstein, L., and Klein.)
- Klein, Jakob, assignor of fifty percent to Max Backer, New York, N. Y. Railroad crossing barriers. 1,918,815; July 18.
- Klein, Jakob, assignor of fifty per cent to M. Backer, New York, N. Y. Airplane. 1,939,061; Dec. 12.
- Klein, James J., Brooklyn, N. Y. Atomizer. 1,899,698; Feb. 28.
- Klein, Laurence. (See Fields, S. B. and Klein.)
- Klein, Ludwig, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Rolling tubes with internally thickened ends. 1,898,779; Feb. 21.
- Klein, Martin K., Glen Falls, N. Y. Antiglare shield. 1,907,356; May 2.
- Klein, Mathias, & Sons. (See Wotherspoon, Henry H., assignor.)
- Klein, Maximilian, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Combination liquid level and pressure gauge. 1,937,231; Nov. 28.
- Klein, Morris, Aliquippa, Pa. Watch cleaning machine. 1,923,626; Aug. 22.
- Klein, Myer S., Malden, assignor to Panther-Panco Rubber Co., Inc., Chelsea, Mass. Shoe heel. Des. 90,987; Nov. 7.
- Klein, Nathan, Newark, N. J. Neckpiece for a woman's garment or similar article. Des. 90,853-4; Oct. 10.
- Klein, Paul, Budapest, Hungary, and A. Szegvari, assignors to American Anode Inc., Akron, Ohio. Direct manufacture of homogeneous rubber goods from rubber dispersions. 1,906,618; May 2.
- Klein, Paul, Budapest, Hungary, and A. Szegvari, assignors to American Anode Inc., Akron, Ohio. Cleaning molds. 1,917,039; July 4.
- Klein, Paul F., Gabor, and L. Kaunitz, Budapest, Hungary, assignors to American Anode Inc., Akron, Ohio. Impregnating or coating of porous articles. 1,909,364; May 16.
- Klein, Silard, New York, N. Y. Coal burner and feed mechanism. 1,922,960; Aug. 15.
- Klein, Thomas J., Chicago, Ill. Resilient perch for bird cages. 1,899,508; Feb. 28.
- Klein, Wilhelm. (See Meis, H., Klein, and Tschunkur.)
- Kleinberg, Harry, Pittsburgh, Pa. Shirt. 1,896,242; Feb. 7.

- Kleindinst, Jacob, et al. (See Guenther, George A., assignor.)
- Kleine, Rudolph L. (See Clement, M. W., Kleine, and Rowland.)
- Kleine, Walter G., Dubuque, Iowa. Vent for nursing bottles. 1,937,278; Nov. 28.
- Kleinert, I. B., Rubber Company. (See Fine, Harry A., assignor.)
- Kleinert, Karl, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Lamp for vehicles. 1,909,151; May 16.
- Kleinhenz, Franz, Berlin-Treptow, Germany. Flying boat. 1,922,769; Aug. 15.
- Kleinhenz, Joseph J., Astoria, N. Y. Device for protecting wheels. 1,909,687; May 16.
- Kleinman, Jacob L., New York, N. Y. Tennis racket. 1,912,942; June 6.
- Kleinow, Walter, Hennigsdorf near Berlin, assignor to Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. Pulverized fuel locomotive boiler. 1,918,401; July 18.
- Kleinschmidt, Edward E., et al. (See Morton, S., Krum, and Kleinschmidt.)
- Kleinschmidt, Edward E., assignor to Teletype Corporation, Chicago, Ill. Selective signaling and control system. 1,895,718; Jan. 31.
- Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph. 1,909,283; May 16.
- Kleinschmit, Oscar, assignor to Gebrüder Brehmer Maschinenfabrik, Leipzig-Plagwitz, Germany. Flat gluing machine. 1,892,987; Jan. 3.
- Kleinschmit, Oscar, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for extracting interconnecting threads between stitched books. 1,902,286; Mar. 21.
- Kleinschmit, Oscar, assignor to G. Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for extracting interconnecting threads between stitched books. 1,902,864; Mar. 28.
- Kleinschmit, Oscar, and Oskar Müller, assignors to Firm Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for mechanically extracting the interconnecting threads between stitched books. 1,903,184; Mar. 28.
- Kleinschmit, Oscar, and W. Geissler, assignors to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Method of and mechanism for superimposing a sheet upon and attaching it to a selected book section or the like in a sheet pasting machine. 1,912,527; June 6.
- Kleinsmith, Horace B., assignor to A. H. Balliet Corporation, Allentown, Pa. Box lining machine. 1,910,171; May 23.
- Kleissler, Edwin A., Newark, N. J. Dust collector. 1,912,280; May 30.
- Klein, Alexander. (See Rosenberg, S., and Klein.)
- Klemm Automotive Products Company. (See Klemm, E. R., jr., and Singer, assignors.)
- Klemm, Emil R., jr., and F. O. Singer, assignors, by mesne assignments, to Klemm Automotive Products Company, Chicago, Ill. Governor. 1,915,188; June 20.
- Klemm, Hermann A., Manaroneck, N. Y. Chaining finger and seam gauge for overseam sewing machines. 1,935,640; Nov. 21.
- Klemm, Rudolf, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Paper feeding. 1,893,778; Jan. 10.
- Klemm, William J., Chicago, Ill. Window structure. 1,919,371; July 25.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Broiler tray. Des. 89,827; May 9.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. Des. 89,966; May 23.
- Klemme, Maurice G., assignor to Eagle Foundry Company, Belleville, Ill. Cooking stove. 1,910,255; May 23.
- Klempfer, Wolfgang B., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Metallic joint and forming it. 1,934,673; Nov. 7.
- Klempf, Walter, Dortmund-Eving, Germany. Manufacturing ferricyanides. 1,908,516; May 9.
- Klempf, Walter, Dortmund-Eving, Germany. Production of nitrogen-hydrogen mixtures. 1,931,442; Oct. 17.
- Klenk, George, Santa Ana, Calif. Cigar and cigarette holder and ash receiver. 1,893,841; Feb. 21.
- Klepel, Earl Robert, assignor to Walker Manufacturing Company, Racine, Wis. Rest for tiering trucks. 1,912,847; June 6.
- Klepper, Irving C., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Paper feeding mechanism. 1,919,226; July 25.
- Kletschy, Julius, Springfield, Mass. Multiflex automobile seat. 1,928,155; Sept. 26.
- Klett, Henry G., New York, N. Y. Coin changing machine. 1,897,200; Feb. 14.
- Kleucker, George M., St. Louis, Mo. Measuring apparatus. 1,925,592; Sept. 5.
- Kleven, Severin G., Sisseton, S. Dak. Scraping device for windshields. 1,938,840; Dec. 12.
- Kleymeyer, Henry C., Evansville, Ind. Kiln. 1,913,599; June 13.
- Kliefoth, Max H., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Porous molded product and manufacturing the same. 1,919,372; July 25.
- Kliegl, John H. (See Kliegl, Joseph, assignor.)
- Kliegl, Joseph, assignor to J. H. Kliegl, New York, N. Y. Advertising device. 1,932,277; Oct. 24.
- Kliem, Max, Leipzig, Germany. Newspaper stand. 1,905,564; Apr. 25.
- Klier, Pete, Bi-bee, N. Dak. Static eliminator. 1,902,407; Mar. 21.
- Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.)
- Klimek, Gustav A., East Rutherford, N. J., assignor to Turbine Patents Corporation, New York, N. Y. Hydraulic power transmitter. 1,927,040; Sept. 19.
- Klimis, Apostolos, and J. Feola, assignors to The Auto-photographic Machine Company, Incorporated, Baltimore, Md. Automatic photographic apparatus. 1,915,791; June 27.
- Klinitz, Hans. (See Gruss, H., Klinitz, Haase, Schultze, and Miething.)
- Kline, Arthur L. (See Christman, J. M., and Kline.)
- Kline, Arthur L., assignor to Packard Motor Car Company, Detroit, Mich. Painting instrument. 1,929,783; Oct. 10.
- Kline, Bernard L. (See Curtin, L. P., and Kline.)
- Kline, Charles, et al. (See Davidson, Charles A., assignor.)
- Kline, Edward C., Streator, Ill. Heating apparatus. 1,908,025; May 9.
- Kline, Fred J., Bayville, assignor to Acco Products, Inc., Long Island City, N. Y. Filing device. 1,930,648; Oct. 17.
- Kline, Fred J., Bayville, assignor to Acco Products, Inc., Long Island City, N. Y. Filing device. 1,935,641; Nov. 21.
- Kline, George P. (See Hintz, H. E., and Kline.)
- Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Desulphurizing rayon in the package form. 1,932,789; Oct. 31.
- Kline, Joseph E., Alpena, Mich. Oil filter and cooler. 1,900,821; Mar. 7.
- Kline, Vera J. (See Phillips, Roy, assignor.)
- Kline, Virgil C., Floral Park, N. J. Liquid supply device. 1,909,836; May 16.
- Kling, Einar, Chicago, Ill. Holder of paintbrushes for painting flagpoles. 1,897,058; Feb. 14.
- Kling, Samuel C., York, Pa. Cigar box hinge. 1,920,568; Aug. 1.
- Klinga, Frank, jr., New York, N. Y. Fur cutting machine. 1,925,099; Sept. 5.
- Klingbeil, Walter G., Portland, Oreg. Thermostatic mixing valve. 1,900,849; Mar. 7.
- Klingelfuss, Eugene H. (See Howald, W. T., Klingelfuss, and Kenny.)
- Klingemann, Felix, Frankfort-on-the-Main-Mainkur, W. Lommel, Wiesdorf, near Cologne-on-the-Rhine, E. Korten, Frankfort-on-the-Main-Fechenheim, and T. Goost, Leverkusen, near Cologne-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft. Manufacturing ar-tetrahydronaphthylamine compounds. 1,919,592; July 25.
- Klinger, John H., and H. C. Land, New Castle, Ind. Dish-washer. 1,925,259; Sept. 5.
- Klinger, Paul C., Riverside, N. J. Ice crusher. 1,930,056; Oct. 10.
- Klingloff, Andrew R., Shrewbury, Mass. Packing. 1,902,247; Mar. 21.
- Klingsick, Oswald W., Richmond Heights, assignor to Day-Brite Reflector Company, St. Louis, Mo. Reflector securing means. 1,906,619; May 2.
- Klingsick, Oswald W., Richmond Heights, assignor to Day-Brite Reflector Company, St. Louis, Mo. Light socket and securing means. 1,930,100; Oct. 10.
- Klinka, Frank J., Milwaukee, Wis. Collapsible crate. 1,920,312; Aug. 1.
- Klinkenberg, Adolf, Wittbraucke near Herdecke, Kreis Hagen, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Structural steel. 1,917,527; July 11.
- Klinker, Wm. F., et al., trustees. (See Wilson, Ernest M., assignor.)
- Klinkhamer, Hendrik A. W., Eindhoven, Netherlands, assignor to Radio Corporation of America. Voltage regulating system. 1,932,667; Oct. 31.
- Klinkhamer, Hendrik A. W., Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Circuit for gaseous electric discharge devices. 1,930,127; Oct. 10.
- Klinkhammer, Albert, and H. Dyrssen, Warwick, N. Dak. Cultivator attachment for grain drills. 1,910,109; May 23.
- Klippel, Hermann, Ludwigshafen-on-the-Rhine, and B. Jaenecke, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Ammonium nitrate-sulphite fertilizer salt and making same. 1,916,841; July 4.
- Klise, John J. (See Coffman, John R., assignor.)
- Klise, Marion D., Marshalltown, Iowa. Harrow. 1,927,458; Sept. 19.
- Klock, Clarence, Dolgeville, N. Y. Life protector and dual control for motor vehicles. 1,932,315; Oct. 24.
- Kloke, William H., Woodhaven, N. Y., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making bearings. 1,906,273; May 2.
- Kloke, William H., Woodhaven, N. Y., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Lined bearing. 1,910,221; May 23.
- Kloke, William H., Woodhaven, N. Y., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio.

- Klocke, William H., Woodhaven, N. Y., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Apparatus for making bearings. 1,936,454; Nov. 21.
- Klockner-Werke A.-G. (See Kippe, Otto, assignor.)
- Klockner-Werke A. G., Abt. Gerogs-Marien-Werke. (See Berve, Heinrich, assignor.)
- Kloepfer, Harry, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Manufacture of cyanates. 1,915,425; June 27.
- Kloepfer, William F. C., St. Albans, N. Y. Trick lung tester. 1,906,383; May 2.
- Kloes, F. J., Incorporated. (See Pease, O. E. and Joseph, assignors.)
- Klopparens, Roy, Providence, R. I. Adjustable elbow for furnaces. 1,939,987; Dec. 19.
- Klönne, Aug. (See Einbeck, F., and Schürmann, assignors.)
- Klönne, Aug., Firm. (See Fleischmann, Karl, assignor.)
- Klönne, Firm Aug. (See Einbeck, Friedrich, assignor.)
- Klönne, Firm Aug. (See Schürmann, Friedrich, assignor.)
- Klopak, Joseph. (See Hutchinson, P. H. and Klopak.)
- Klopfenstein, Emmett P., Los Angeles, Calif. Fuse. 1,926,445; Sept. 12.
- Klopfer, Volkmar, Dresden, Germany. Production of colloidal solutions of metal iodides. 1,926,745; Sept. 12.
- Klopotoski, Lucien, Paris, France. Buoy for saving the occupants and the material of submarine boats. 1,893,089; Jan. 3.
- Klopp, Friedrich, Solingen-Wald, Germany. Apparatus for surface hardening of the inner wall of hollow bodies. 1,892,843; Jan. 3.
- Klopp, Henry G., Spokane, Wash. Window frame. 1,923,832; Aug. 22.
- Klopp, Henry G., Spokane, Wash. Window frame. 1,923,833; Aug. 22.
- Klopp, Henry G., Spokane, Wash. Latch for interchangeable panels. 1,925,327; Sept. 5.
- Klopsteg, Paul E., assignor to Central Scientific Company, Chicago, Ill. Thermoelectric device. 1,893,748; Jan. 10.
- Klopsteg, Paul E., assignor to Central Scientific Company, Chicago, Ill. Viscosity apparatus. 1,893,749; Jan. 10.
- Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Vibrating string apparatus. 1,908,258; May 9.
- Klopsteg, Paul E., assignor to Central Scientific Company, Chicago, Ill. Gas pressure apparatus. 1,917,846; July 11.
- Klopsteg, Paul E., assignor to Central Scientific Company, Chicago, Ill. Spark apparatus. 1,917,847; July 11.
- Klopsteg, Paul E., Evanston, assignor to Central Scientific Company, Chicago, Ill. Radio demonstration apparatus. 1,918,402; July 18.
- Klopsteg, Paul E., Evanston, Ill., assignor to Central Scientific Company. Thermo-regulator. 1,931,731; Oct. 24.
- Klös, Heinrich. (See Mietzsch, F., and Klös.)
- Klosky, Paul M., Detroit, Mich. Thumb-sucking preventive device. 1,929,318; Oct. 3.
- Kloss, Walter, and J. G. Hoffer, South Bend, Ind., assignors to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Forming head lamp housings. 1,912,000; May 30.
- Klosson, Michael M., Kenmore, assignor to Buffalo Steam Pump Company, Buffalo, N. Y. Pump. 1,909,410; May 16.
- Klosson, Michael M., Kenmore, assignor to Buffalo Pumps Incorporated, Buffalo, N. Y. Pump. 1,926,446; Sept. 12.
- Klosterman Inc. (See Burdick, E. S., and Thomson, assignors.)
- Klotz, George, New York, N. Y., assignor to H. & G. Klotz. Convertible bed table. 1,924,945; Aug. 29.
- Klotz, H. & G. (See Klotz, George, assignor.)
- Klotz, Wilhelm, Dusseldorf, Germany. Door-key attachment. 1,893,948; Jan. 10.
- Klotzman, Aaron, assignor to May Oil Burner Corporation, Baltimore, Md. Liquid fuel feeding device. 1,897,432; Feb. 14.
- Klotzman, Aaron, Baltimore, Md., assignor to May Oil Burner Corporation. Atomizer. 1,919,027; July 18.
- Klug, Herman C., Tacoma, Wash. Control for lathe drives. 1,932,526; Oct. 31.
- Kluge, Harry A. (See Bascom, C. P., and Kluge.)
- Kluge, Paul, et al. (See Draheim, Paul E., assignor.)
- Kluge, Werner, Berlin-Hermsdorf, Germany, assignor to General Electric Company. Making photo-electric tubes. 1,938,431; Dec. 5.
- Kluger, Herman, New York, N. Y., assignor to Fulford Mfg. Co. Fastening device. 1,937,704; Dec. 5.
- Klüger, Leo, assignor to Oesterreichische Schmidtstahlwerke A. G., Vienna, Austria. High speed tool steel. 1,910,801; May 23.
- Klugh, Bethune G., Birmingham, Ala., assignor to American Ore Reclamation Company, New York, N. Y. Apparatus for preparing ores for sintering. 1,931,499; Oct. 24.
- Klump, Mae, Merna, Nebr. Tank closure lock. 1,935,154; Nov. 14.
- Kluter, Marlowe H. (See Kenyon, M. G., and Kluter.)
- Kluyver, Albert J., and M. A. Scheffer, assignors to Thomas H. Verhave, sr., Delft, Netherlands. Preparation of 2,3-butylene glycol from carbohydrates. 1,899,156; Feb. 28.
- Klyce, Winniford W., Pontiac, Mich. Pressure gauge. 1,895,802; Jan. 31.
- Klyver, Albert N., assignor to The Lamson Company, Syracuse, N. Y. Conveyor system. 1,914,778; June 20.
- Kment, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for classifying spherical articles. 1,921,621; Aug. 8.
- Knaak, George A., Milwaukee, Wis. Fluid pressure regulator. 1,918,340; July 18.
- Knaak, George A., Milwaukee, Wis. Fluid meter. 1,918,341; July 18.
- Knaak, George A., Milwaukee, Wis. Fluid delivery apparatus. 1,926,726; Sept. 12.
- Knabner, Albert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Halesches, Berlin, Germany. Making fluorescent screens. 1,909,365; May 16.
- Knaebel, Wendel, Sanquait, N. Y. Combined cigarette and match box. 1,895,574; Jan. 31.
- Knappe, Joseph J., assignor to Knappe & Vogt Manufacturing Company, Grand Rapids, Mich. Extension mounting for garment carriers. 1,921,828; Aug. 8.
- Knappe & Vogt Manufacturing Company. (See Knappe, Joseph J., assignor.)
- Knappe & Vogt Mfg. Co. (See Vogt, Engelbert J., assignor.)
- Knapke, Fred, Middle Village, Long Island, N. Y. Rhythm maintaining device for artificial respiration. 1,918,041; July 11.
- Knapp, Amadee J. (See Ballentine, W. I., and Knapp.)
- Knapp, Andrew S., St. Louis, Mo., assignor to Knapp-Monarch Company, Webster City, Iowa. Stopper or closure for insulated containers. 1,892,988; Jan. 3.
- Knapp, Andrew S., assignor to Knapp-Monarch Company, Belleville, Ill. Baking oven. 1,894,875; Jan. 17.
- Knapp, Andrew S., St. Louis, Mo., assignor to Knapp-Monarch Company, Belleville, Ill. Iron handle. 1,940,755; Dec. 26.
- Knapp, Andrew W., assignor to Knapp-Monarch Company, Belleville, Ill. Waffle iron assembly. 1,919,560; July 25.
- Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,899,276; Feb. 28.
- Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,899,443; Feb. 28.
- Knapp, Arthur D. (See Murray, E. E., and Knapp.)
- Knapp, Arthur S., Glendale, Calif., assignor to Automatic Safe-Start Company. Automatic starting system for internal combustion engines. 1,902,646; Mar. 21.
- Knapp Bros. Mfg. Co. (See Thomas, Wingate S., assignor.)
- Knapp, Charles W., Niagara Falls, N. Y. Tobacco pipe. 1,936,134; Nov. 21.
- Knapp, Edelbert J., Norton, Kans. Windmill pullout. 1,931,292; Oct. 17.
- Knapp, Edgar, and C. G. Allgrunn, assignors to Niagara Sprayer Company, Middleport, N. Y. Tractor power coupling mechanism. 1,896,901; Feb. 7.
- Knapp, Edgar, and C. G. Allgrunn, assignors to Niagara Sprayer Company, Middleport, N. Y. Dusting machine. 1,934,718; Nov. 14.
- Knapp, Edgar, deceased, and Carl G. Allgrunn, Middleport, N. Y.; George F. Thompson, executor. Tractor power coupling mechanism. 1,904,832; Apr. 18.
- Knapp, Leland G., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Freezing unit for household refrigerators. 1,932,184; Oct. 24.
- Knapp, Leland G., Chicago, and J. N. Roth, Arlington Heights, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Refrigerating machine. 1,921,829; Aug. 8.
- Knapp, Leslie E. (See Maxim, H. H., Herriott, and Knapp.)
- Knapp Manufacturing Corporation. (See Austin, Ellsworth W., assignor.)
- Knapp Monarch Company. (See Elliott, C. E., and Nichols, assignors.)
- Knapp-Monarch Company. (See Johnson, Ernest S., assignor.)
- Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
- Knapp-Monarch Company. (See Kochner, William B., assignor.)
- Knapp-Monarch Company. (See Smith, John E., assignor.)
- Knapp-Monarch Company. (See Starr, Alden B., assignor.)
- Knapp, Ray. (See Demka, R., and Knapp.)
- Knapp, Russell V., Chicago, Ill., assignor to Bailey Meter Company. Furnace control. 1,940,355; Dec. 19.
- Knapp, Theodore E., jr., assignor to The Champion Coated Paper Company, Hamilton, Ohio. Process and apparatus for coating paper. 1,924,994; Aug. 29.
- Knapp, William F. (See Cooper, W., and Knapp.)
- Knaub, Ralph H. (See Di Girolamo, M., Knaub, and Lawson, assignors.)
- Knaub, William O., Mount Wolf, Pa., and F. B. Walter, assignors to B. Walter & Company, Wabash, Ind. Extension table. 1,938,223; Dec. 5.
- Knauer, Arthur, assignor to Narrow Fabric Company, West Reading, Pa. Elastic fabric. Des. 89,770; May 2.
- Knauer, Arthur, assignor to Narrow Fabric Company, West Reading, Pa. Elastic fabric. Des. 90,287; July 11.

- Knauer, Berthold. (See Ogden, J. W., and Knauer.)
- Knaus, Anton, Vienna, Austria. Propelling ships. 1,911,827; May 30.
- Knauss, Orville W. (See Harris, D. B., and Knauss.)
- Knaut, William J. (See Weaver, G. B., and Knaut.)
- Knecht, Louis, Passaic, assignor to The Walser Manufacturing Company, Inc., Clifton, N. J. Textile material. 1,913,397; June 13.
- Knecht, Oscar, and T. Wirth, assignors to the Firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of monoazo-dyestuffs. 1,893,553; Jan. 10.
- Knechtel, Jacob S., Hanover, Ontario, Canada. Extension table. 1,929,820; Oct. 10.
- Kneeland, Frederick L., Olympia, Wash. Flexible post file binder. 1,923,627; Aug. 22.
- Kneeland, Harry G., Seattle, Wash., assignor, by mesne assignments to Foto-Cut Process Corporation. Photoengraving process. 1,928,899; Oct. 3.
- Kneen, Everett H., Ansonia, Conn. Container for strip plaster. 1,908,026; May 9.
- Knefel, Clement. (See Knefel, Stanley F., R., C., and E.)
- Knefel, Emmanuel. (See Knefel, Stanley F., R., C., and E.)
- Knefel, Raymond F. (See Knefel, Stanley F., R., C., and E.)
- Knefel, Stanley C., St. Louis, Mo. Boiler return and vacuum trap. 1,922,164; Aug. 15.
- Knefel, Stanley C., St. Louis, Mo. Boiler return and vacuum trap. 1,934,196; Nov. 7.
- Knefel, Stanley F., R., C., and E., St. Louis, Mo. Boiler return and vacuum trap. 1,920,510; Aug. 1.
- Kneisley, Russell M. (See Kolb, C. E., and Kneisley.)
- Knell, John, Aurora, Ill., assignor to All-Steel-Equip Company, Lock. 1,932,468; Oct. 31.
- Knerr, Horace C., Philadelphia, Pa. Method of and apparatus for heat-treating magnetic materials. 1,895,998; Jan. 31.
- Knerr, Horace C., Philadelphia, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Tempering bath. 1,919,846; July 25.
- Knerr, Horace C., Philadelphia, Pa. Apparatus for and method of heat treating metal. 1,936,719; Nov. 28.
- Knickerbocker, Arthur K. (See Holt, G. J., Hocking, Matson, and Knickerbocker.)
- Knickerbocker, George S., Minneapolis, Minn. Vehicle with endless track tensioning means. 1,894,619; Jan. 17.
- Knickerbocker, George S., assignor of one-half to J. G. Bennett, Minneapolis, Minn. Sled with endless track drive. 1,916,375; July 4.
- Kniep, William H., University City, assignor to The Graham Paper Company, St. Louis, Mo. Producing slitted-web paper rolls. 1,926,340; Sept. 12.
- Kniesche, Harry F. (See Orem, W. H., and Kniesche.)
- Knieschner, William T., New York, N. Y., assignor to Francis Keil & Son, Inc. Lock construction. 1,923,443; Aug. 22.
- Knight, Abner R. (See Engle, Washington J., assignor.)
- Knight, Charlotte S., Freeport, assignor of three-fourths to Ira A. Campbell, New York, N. Y. Filter manufacture. 1,910,771; May 23.
- Knight, Clarence F., Warren, assignor of one-fourth to M. R. Hazel, Youngstown, and one-fourth to F. M. Comstock, Warren, Ohio. Roll for use in strip and sheet mills. 1,902,034; Mar. 21.
- Knight, Donald B., Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating apparatus. 1,900,650; Mar. 7.
- Knight, Donald B., Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Absorption type refrigerating apparatus. 1,908,901; May 16.
- Knight, Edward, Harlington, and H. A. Thompson, Ealing, London, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Talking machine. 1,906,620; May 2.
- Knight, Elias, San Francisco, Calif. Chain block. 1,903,218; Mar. 28.
- Knight, Ernest H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Gear-reduction constant-speed unit with universal motors. 1,924,322; Aug. 29.
- Knight, Henry D. B. (See Davies, L. J., and Knight.)
- Knight, Hugh, La Verne, Calif., assignor to Emulsoids, Inc., New York, N. Y. Emulsifier and insecticide. 1,937,969; Dec. 5.
- Knight, James B., and A. J. Rainey, Los Angeles, Calif. Treatment apparatus. 1,923,098; Aug. 22.
- Knight, James L., Schenectady, N. Y., assignor to General Electric Company. Refrigerator cabinet shelf. 1,896,846; Feb. 7.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Heat insulator. 1,914,207; June 13.
- Knight, Jesse L. (See Jones, E. E., and Knight.)
- Knight, John A., Hamilton, Ontario, Canada. Motor heater. 1,911,123; May 23.
- Knight, John A., Hamilton, Ontario, Canada. Hydraulic shock absorber and the like. 1,941,149; Dec. 26.
- Knight, John M., Atlantic Highlands, N. J., assignor to American Car and Foundry Company, New York, N. Y. Car seat. 1,937,578; Dec. 5.
- Knight, Raymond R., Toronto, Ontario, Canada. Process and apparatus for purification of sewage and trade wastes. 1,902,248; Mar. 21.
- Knight, Raymond R., Toronto, Ontario, Canada. Apparatus for removing solids from sewage and other fluids. 1,922,442; Aug. 15.
- Knight, Robert R., Lincoln, Nebr. Dump wagon. 1,912,848; June 6.
- Knight, Ronald F., Ramsey, N. J. Steam engine. 1,924,689; Aug. 29.
- Knight, Samuel H., Lancaster, Pa. Parachute. 1,931,160; Oct. 17.
- Knight, Samuel H., Lancaster, Pa. Harness for aviators. 1,939,062; Dec. 12.
- Knight, Thomas F., Lyndhurst, N. J., and H. K. Williams, jr., Dunkirk, N. Y. Apparatus for loading projectiles. 1,899,095; Feb. 28.
- Knipe, Thomas L. (See Engle, Russell, assignor.)
- Knipp, Charles T., Urbana, assignor to W. M. Welch Manufacturing Co., Chicago, Ill. Condensation pump. 1,915,464; June 27.
- Kniskern, Walter H., Syracuse, assignor to Atmospheric Nitrogen Corporation, Solvay, N. Y. Method and apparatus for the carrying out of catalytic reactions. 1,932,247; Oct. 24.
- Kniskern, Walter H., Petersburg, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Apparatus for synthesizing ammonia. 1,936,167; Nov. 21.
- Kniskern, Walter H., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. High pressure sight feed. 1,940,684; Dec. 26.
- Knittel, Emil E. (See Herold, W. F., and Knittel.)
- Knitter, Elmer T., San Francisco, Calif. Hot stamp printing machine. 1,916,575; July 4.
- Knobloch, Carl, Akron, Ohio. Speedometer for marine craft. 1,904,865; Apr. 18.
- Knobloch, Carl, Akron, Ohio. Liquid level gauge. 1,909,545; May 16.
- Knoche, Rudolf. (See Hentrich, W., Hilger, and Knoche.)
- Knoff, Johan R. (See Ryan, L. W., and Knoff.)
- Knoles, Thomas F., Woodsboro, Tex. Automatic oil purifier. 1,939,988; Dec. 19.
- Knoll Aktiengesellschaft, Chemische Fabriken. (See Schmidt, K. F., and Strzygowski, assignors.)
- Knoll, Raymond A. (See Bailey, Eugene F., assignor.)
- Knoll, Robert, Hornau in Taunus, Germany, assignor, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Basic product and making it. 1,894,375; Jan. 17.
- Knoll, William V., Dayton, Ohio, assignor to The Midwest-Fulton Machine Company. System of beater engines. 1,937,156; Nov. 28.
- Knoll, Willy, Stuttgart, Germany. Upholstery for all kinds of furniture. 1,908,902; May 16.
- Knopf, Julius R., assignor to George J. Hagan Company, Pittsburgh, Pa. Conveyor mechanism. 1,923,036; Aug. 15.
- Knopp, Gumal, Berlin-Wilmersdorf, Germany, assignor, by mesne assignments, to Centrifugal Engineering and Patents Corporation, Jersey City, N. J. Method of and apparatus for treating pulp stock. 1,925,722; Sept. 5.
- Knopp, Otto A., Oakland, Calif. Method and apparatus for recording electrical quantities. 1,904,029; Apr. 18.
- Knopp, Otto A., Oakland, Calif. Sealing conduits. 1,925,538; Sept. 5.
- Knorpp Candy Company. (See Knorpp, Maxwell, assignor.)
- Knorpp, Maxwell, Long Island City, assignor to Knorpp Candy Company, Brooklyn, N. Y. Package. 1,922,208; Aug. 15.
- Knorr, Angelo, Berlin-Tempelhof, A. Weissenborn, Potsdam, and E. Lage, Uerdingen, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacturing aldehydes and the products. 1,899,340; Feb. 28.
- Knowland, Richard G., Longmeadow, Mass., assignor to Bigelow-Sanford Carpet Co., Thompsonville, Conn. Weaving mechanism. 1,897,392; Feb. 14.
- Knowland, Thomas M. (See Glidden, A. A., and Knowland.)
- Knowland, Thomas M. (See Glidden, A. A., Knowland, and Burnham.)
- Knowles, Albert, San Francisco, Calif. Concrete mixer blade. 1,901,305; Mar. 14.
- Knowles, Albert, assignor to Transit Mixers, Inc., San Francisco, Calif. Concrete mixer. 1,922,700; Aug. 15.
- Knowles, Alexander S., and C. W. Andrews, assignors to Tar & Petroleum Process Company, Chicago, Ill. Coking and gasification of hydrocarbons. 1,906,863; May 2.
- Knowles, Alexander S., and C. W. Andrews, assignors to Tar & Petroleum Process Company, Chicago, Ill. Coking hydrocarbons. 1,906,864; May 2.
- Knowles, Augustus A., Los Angeles, Calif. Oil rectifier and lubricator. 1,911,758; May 30.
- Knowles, Carroll, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Vertical spindle machine tool. 1,907,550; May 9.
- Knowles, Carroll, West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Table mounting for grinding machine. 1,908,259; May 9.
- Knowles, Carroll, West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Feed mechanism for machine tools. 1,923,786; Aug. 22.
- Knowles, Carroll, West Hartford, assignor to Pratt & Whitney Company, Hartford, Conn. Contour surface grinder. 1,924,777; Sept. 12.

- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Television lamp. 1,932,078; Oct. 24.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Point source light for television and picture receiving. 1,936,793; Nov. 28.
- Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Shield anode grid glow tube. 1,939,063; Dec. 12.
- Knowles, Edwin B., and J. J. Parnell; said Parnell assignor to B. R. W. Knowles, Albany, Ga. Nut shredding machine. 1,920,404; Aug. 1.
- Knowles, Elmer F., Battle Creek, Mich. Self contained vapor engine. 1,939,783; Dec. 19.
- Knowles, George P., Sumter, S. C. Glare shield. 1,941,032; Dec. 26.
- Knowles, Harry H. (See Spurgeon, S. J., Knowles, and Lemmon.)
- Knowles, John H., Scarsdale, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Float controlled apparatus. 1,936,628; Nov. 28.
- Knowles, William H., Port Chester, assignor, by mesne assignments, to General Cap Co. Inc., New York, N. Y. Capping and sealing machine. 1,895,225; Jan. 24.
- Knowlton, Alfred D., Summit, and A. C. Gilmore, Lyndhurst, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone switchboard. 1,930,275; Oct. 10.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box-making machine. 1,893,554; Jan. 10.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Stacking apparatus. 1,896,177; Feb. 7.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box and blank therefor. 1,919,789; July 25.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Machine for making blanks. 1,924,160; Aug. 29.
- Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Connecting device. 1,929,533; Oct. 10.
- Knowlton, Donald R. (See Crites, W. J., and Knowlton.)
- Knowlton, Donald R., and W. J. Crites, assignors to Phillips Petroleum Company, Bartlesville, Okla. Control device for wells. 1,905,592; Apr. 25.
- Knowlton, Donald R., Bartlesville, and L. F. Defenbaugh, Oklahoma City, Okla., assignors to Phillips Petroleum Company, Bartlesville, Okla. Flow head with adjustable flow beam. 1,911,905; May 30.
- Knowlton, Donald R., and W. J. Crites, assignors to Phillips Petroleum Company, Bartlesville, Okla. Combination hydraulic tubing lift and tubing. 1,913,489; June 13.
- Knowlton, Eugene W., Buffalo, N. Y. Control device for signals. 1,893,371; Jan. 3.
- Knowlton, George H., Westbrook, Me. Vulcanizing or drying apparatus. 1,901,306; Mar. 14.
- Knowlton, M. D., Company. (See Hawkins, E. M., and Hoch, assignors.)
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buffing machine. 1,912,528; June 6.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying heel covers. 1,924,243; Aug. 29.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-channeling machine. 1,926,153; Sept. 12.
- Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel cover tucking machine. 1,937,824; Dec. 5.
- Knowlton, Theodore E., New York, N. Y. Method and apparatus for preventing offset in printing. 1,922,372; Aug. 15.
- Knox, Alexander W., assignor to K. E. McConnaughay, Indianapolis, Ind. Aggregate coater. 1,934,073; Nov. 7.
- Knox, Arthur L. (See Collison, E. E., and Knox.)
- Knox, Darcy D., Center Ossipee, N. H. Jack. 1,930,363; Oct. 10.
- Knox, Edward P., Toms River, N. J. Projector. 1,929,360; Oct. 3.
- Knox, Garner L., assignor, by mesne assignments, to Six Wheel Corporation, Los Angeles, Calif. Six wheel attachment for motor vehicles. 1,926,727; Sept. 12.
- Knox, Garner L., Glendale, assignor to Six Wheel Corporation, Los Angeles, Calif. Universal attachment. 1,928,900; Oct. 3.
- Knox, Granville S., Los Angeles, Calif. Rodless pump. 1,909,493; May 16.
- Knox, Harry A., Davenport, Iowa. Track for track-laying vehicles. 1,923,099; Aug. 22.
- Knox, Harry A., Davenport, Iowa. Flexible track. 1,924,161; Aug. 29.
- Knox, Harry A., and B. F. Baker, Davenport, Iowa. Power plant. 1,919,227; July 25.
- Knox, Harry A., Davenport, Iowa, and J. K. Christmas, Easton, Pa. Power actuator. 1,934,719; Nov. 14.
- Knox Terpezone Company of America. (See Rogers, Lewis H., assignor.)
- Knox, W. & J., Net and Twine Company. (See Bunker, Royce S., assignor.)
- Knox, William A., Los Angeles, Calif. Headlight attachment for automobiles. 1,903,462; Apr. 11.
- Knox, William A., assignor of one-half to W. G. Fendler, St. Louis, Mo. Windshield wiper. 1,935,881; Nov. 21.
- Knox, William J., Du Bois, Pa. Table. 1,906,865; May 2.
- Knoxville Fertilizer Co. (See Dean, James W. and J. H., assignors.)
- Knudsen, Robert, Martinez, Calif. Automatic hair-clipper. 1,916,731; July 4.
- Knudsen, William, Fremont, Nebr. Traction lug. 1,926,746; Sept. 12.
- Knudson, John L., assignor of one-third to Frank A. Johnson, Cleveland, Ohio. Adjustable holder. 1,898,669; Feb. 21.
- Knuth, Karl J., Olmstead Falls, Ohio. Lawn sprinkler. 1,906,621; May 2.
- Knutsen, Elmer, Bellingham, Wash. Laundry dry-cleaning machine. 1,894,694; Jan. 17.
- Knutsen, Knut A., Ljan, Norway. Sorting perforated cards. 1,916,801; July 4.
- Knutson, Carl L., Maywood, Ill., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 1,896,630; Feb. 7.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Spring jack. 1,906,469; May 2.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Binding post. 1,919,952; July 25.
- Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Binding post. 1,919,953; July 25.
- Knutson, George O. (See McLelland, W. H., Knutson, and Williamson.)
- Knutzen, Max T., and R. Williams, assignors to Nordberg Manufacturing Company, Milwaukee, Wis. Brake mechanism. 1,914,028; June 13.
- Knuuti, Charles O., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Percussive apparatus. 1,910,954; May 23.
- Knuutila, Charles A., Newark, N. J. Flower pick. 1,922,165; Aug. 15.
- Kny-Scheerer Corporation. (See Okun, Joseph H., assignor.)
- Kobayashi, Keishiro, Tokyo, Japan, assignor to General Electric Company. Flash lamp. 1,904,057; Apr. 18.
- Kobayashi, Keishiro, Tokyo, Japan, assignor to General Electric Company. Flash lamp. 1,930,315; Oct. 10.
- Kobayashi, Masatsugu, Aza Hikawa, Toyotama, Tokyo, Japan, assignor to Western Electric Company, Incorporated, New York, N. Y. Electric oscillator. 1,913,449; June 13.
- Kobe, Inc. (See Coberly, Clarence J., assignor.)
- Kobe, Inc. (See Coberly, C. J., and Coasdale.)
- Kobler, Ernst, Ennetbaden, Switzerland. Electric current rectifying system. 1,914,747; June 20.
- Köberich, Rudolf. (See Bruckel, W., and Köberich.)
- Koberle, Karl. (See Kunz, N. A., Koberle, and Berthold.)
- Koberling, Joseph, San Francisco, Calif. Fireplace damper construction. 1,901,753; Mar. 14.
- Kobler, Paul, Lynbrook, N. Y. Book page holder. 1,918,547; July 18.
- Kobler, Victor. (See Kobler, Werner and V.)
- Kobler, Werner and V., Zurich, Switzerland. Magazine pencil. 1,918,916; July 18.
- Koc, Matthew S., Passaic, N. J. Apparatus for preparing link sausages. 1,926,154; Sept. 12.
- Koca, James F. (See Hokanson, O. A., and Koca.)
- Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Type-setting mechanism for typewriters. 1,897,983; Feb. 14.
- Koca, James F., Woodstock, Ill. Type-bar rest for typewriters. 1,929,981; Oct. 10.
- Koch. (See Leiter, Inga, née Koch.)
- Koch, Adolph. (See Eichwede, H., and Koch.)
- Koch, Adolph. (See Krech, R., Scheurer and Koch.)
- Koch, Albert, assignor to Jacob Isler & Co., Aktiengesellschaft, Wohlen, Switzerland. Method of and machine for shaping hat brizad. 1,907,327; May 2.
- Koch, Arthur L., Elizabeth, assignor to Carrier Research Corporation, Newark, N. J. Degreasing system. 1,938,841 Dec. 12.
- Koch, Clarence B. (See Snelling, W. O., and Koch.)
- Koch, Daniel S., and W. Newberry, St. Paul, Minn. Box for milk bottles and other articles. 1,903,266; Mar. 28.
- Koch, Earl L., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Audion tube. 1,899,039; Feb. 28.
- Koch, Earl L., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Cathode coating process. 1,914,432; June 20.
- Koch, Elmer G., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Collar fastener. 1,915,250; June 20.
- Koch, Emil, Mulheim-Ruhr, Germany. Lubricating arrangement for use in bearings. 1,917,447; July 11.
- Koch, Emma, Geb. Wilke, administratrix. (See Koch, Otto P.)
- Koch, Erich E., New York, N. Y. Flying machine. 1,912,775; June 6.
- Koch, Ernst, assignor, by mesne assignments, to Sachsische Textilmaschinenfabrik vorm. Rich. Hartmann, Aktiengesellschaft, Chemnitz, Germany. Cotton spinning. 1,926,288; Sept. 12.

- Koch, Ernst, Frankfort-on-the-Main, Germany, assignor to Maywood Chemical Works, Maywood, N. J. Lead cable sheath containing lithium. 1,926,545; Sept. 12.
- Koch, Frank, Sebawaing, Mich. Fish elevator. 1,903,627; assignor.)
- Koch, Fritz, St. Paul, Minn. Roofing tile. 1,936,676; Nov. 28.
- Koch, Gustav H., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc welding apparatus. 1,922,249; Aug. 15.
- Koch, Gustav H., Salem, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Weldomatic oscillator. 1,932,042; Oct. 24.
- Koch, Gustave H., Salem, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Welding apparatus. 1,936,794; Nov. 28.
- Koch, Harlowe F., Rochester, and L. Wehner, Greece, assignors to The Haloid Company, Rochester, N. Y. Spring tension device. 1,928,106; Sept. 26.
- Koch, Heinrich. (See Zahn, K., and Koch.)
- Koch, Heinrich. (See Zahn, K., Koch, and Weinand.)
- Koch, Heinrich. (See Zahn, K., Schimmelschmidt, and Koch.)
- Koch, Henry, Jamaica, assignor to Dictograph Products Co., Inc., New York, N. Y. Acoustic device. 1,893,143; Jan. 3.
- Koch, Herbert, assignor of one-half to John Slaby, Algoma, Wis. Hedge trimmer or clipper. 1,919,516; July 25.
- Koch, Hermann. (See Hornstein, Heinrich, assignor.)
- Koch, John C. (See Randall, R. W., and Koch.)
- Koch, Lawrence E. (See Bogle, J. C., and Koch.)
- Koch, Lawrence E., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch. 1,935,909; Nov. 21.
- Koch, Lawrence E., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch and control circuit therefor. 1,940,718; Dec. 26.
- Koch, Louis A., jr., Louisville, Ky. Terminal. Des. 90,584; Aug. 29.
- Koch, Louis A., jr., Louisville, Ky. Electric system for motor vehicles. 1,928,978; Oct. 3.
- Koch, Louis A., jr., Louisville, Ky. Ground connection. 1,936,982; Nov. 28.
- Koch, Lydia B. (See Oliver, Ruth, assignor.)
- Koch, Lydia B., New York, N. Y. Closure cap for paper milk bottles. 1,895,575; Jan. 31.
- Koch, Lydia B., New York, N. Y., and A. Bodor, Newark, N. J., said Bodor assignor to said Koch. Cover for containers. 1,924,863; Aug. 29.
- Koch, Otto P., deceased, by Emma Koch, Geb. Wilke, administratrix, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric machine. 1,924,364; Aug. 29.
- Koch, Otto, Brunswick, assignor to Brunsviga-Maschinenwerke Grimme, Natalio & Co. Aktiengesellschaft, Brunswick, Germany. Calculating machine. 1,941,309; Dec. 26.
- Koch, Paul W. (See Urfer, A., and Koch.)
- Koch, Roderick M., Evansville, Ind. Card and ticket holder. 1,923,932; Aug. 22.
- Koch & Sterzel Aktiengesellschaft. (See Bahrmann, Karl, assignor.)
- Koch & Sterzel Aktiengesellschaft. (See Fischer, Franz J., assignor.)
- Koch & Sterzel Aktiengesellschaft. (See Fischer, F. J., and Sterzel, assignors.)
- Koch & Sterzel Aktiengesellschaft. (See Reiche, Willi, assignor.)
- Koch & Te Koch. (See Menschner, Johannes, assignor.)
- Koch, Theodoor, Arnhem, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Producing artificial silk from viscose. 1,936,479; Nov. 21.
- Koch, Theodoor, Arnhem, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Production of artificial silk from viscose. 1,925,192; Sept. 5.
- Koch, Victor. (See Schutzniedrig, Ewald, assignor.)
- Koch, Walter N., Jamaica, N. Y., and M. D. Lantz, Teaneck, N. J. Electromagnetic axle puller. 1,908,260; May 9.
- Koch, Wilhelm. (See Laska, L., Zitscher and Koch.)
- Koch, William, and M. Rogers, McKittick, Mo. Rail brace. 1,895,193; Jan. 24.
- Koch, William A., Chicago, Ill. Wrapper. 1,895,932; Jan. 31.
- Koch, William C., Cheviot, Ohio. Lighting fixture. 1,903,463; Apr. 11.
- Koch, William J., Midland Park, assignor to Van Vlaanderen Machine Company, Paterson, N. J. Cloth expanding apparatus. 1,928,817; Oct. 3.
- Koch, Winfield R., Camden, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Illuminating device. 1,929,173; Oct. 3.
- Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Amplifier system. 1,939,398; Dec. 12.
- Kochan, Joseph, Wood River, Ill., assignor to Standard Oil Company, Whiting, Ind. Refining residual hydrocarbon oil. 1,938,629; Dec. 12.
- Kochendoerfer, Gerd. (See Kunz, M. A., Koerberle, and Kochendoerfer.)
- Kocher, Edward H., New York, N. Y., assignor to Auto Research Corporation. Pipe fitting. 1,903,819; Apr. 18.
- Kocher, Edward H., Bonton, N. J., assignor to Auto Research Corporation. Liquid distributing installation and the elements thereof. 1,911,450; May 30.
- Kocher, Edward H., Bonton, N. J., assignor to Auto Research Corporation. Liquid distributing installation and the element thereof. 1,929,434; Oct. 10.
- Kocher, Philip, Baltimore, Md. Comb. 1,893,864; Jan. 10.
- Kochner, William B., St. Louis, Mo., assignor to Knapp-Monarch Company, Belleville, Ill. Biscuit baker. Des. 90,988; Nov. 7.
- Kochs, Theo A., Company. (See Schwarzkopf, Arthur R., assignor.)
- Kocks, Fritz, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Pilgering rolling mill. 1,917,448; July 11.
- Kocour Emil J., assignor to Sloan Valve Company, Chicago, Ill. Valve. 1,925,390; Sept. 5.
- Kocksa, Frank, Harrison, N. J. Tag element. 1,915,060; June 20.
- Kodama, Seisuke. (See Konishi, K., and Kodama.)
- Koerberle, John H., assignor to Max A. Marschner, Willow Grove, Pa. Automatic safety stop attachment for knitting machines. 1,918,450; June 13.
- Koerberle, Karl. (See Kunz, M. A., Koerberle, and Hensle.)
- Koerberle, Karl. (See Kunz, M. A., Koerberle, and Kochendoerfer.)
- Koerberle, Karl. (See Kunz, M. A., and Koerberle.)
- Koerberle, Karl. (See Kunz, M. A., Koerberle, and Berthold.)
- Koerberle, Karl. (See Kunz, M. A., Neresheimer, and Koerberle.)
- Koerberle, Karl. (See Wolff, H., Kunz, and Koerberle.)
- Koebke, Oscar A. (See Wittger, E. J., and Koebke.)
- Koebner, Max. (See Raschig, K., and Koebner.)
- Koebnick, Emil G., Stewart, Minn. Mantle protector. 1,929,698; Oct. 10.
- Koefoed, Hauberg, Marstrand & Helweg, Aktieselskabet Titan. (See Dygve, Ejgil V. P., assignor.)
- Koehl, Herman, Aachen, Germany. Garter clasp. 1,915,189; June 20.
- Koehler, Elmer E. (See Walter, E., and Koehler.)
- Koehler, Erich, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of amino-hydroxyanthraquinones. 1,922,480; Aug. 15.
- Koehler, Frederick L., Tenafly, N. J. Picture hanger. 1,924,864; Aug. 29.
- Koehler Manufacturing Company. (See Albee, William H., assignor.)
- Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
- Koehler, Oscar E., and W. B. du Mont, assignors to Greenfield Tap & Die Corporation, Greenfield, Mass. Thread cutting die and holding clip therefor. 1,898,132; Feb. 21.
- Koehly, Paul, assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,935,801; Nov. 21.
- Koehn, Nathaniel, Oakland, Calif. Valve head for air motors. 1,922,373; Aug. 15.
- Koehring Company. (See Koehring, Philip A., assignor.)
- Koehring Company. (See Lichtenberg, Erich H., assignor.)
- Koehring Company. (See Lichtenberg, E. H., and Nelson, assignors.)
- Koehring Company. (See Low, Charles L., assignor.)
- Koehring Company. (See Osman, Ralph T., assignor.)
- Koehring Company. (See Osman, R. T., and Lichtenberg, assignors.)
- Koehring Company. (See Robb, John F., assignor.)
- Koehring Company. (See Russell, Leslie A., assignor.)
- Koehring Company. (See Tranaas, Emil L., assignor.)
- Koehring Company. (See Webb, George E., assignor.)
- Koehring Company. (See Wittberger, Anton, assignor.)
- Koehring Company. (See Yohe, Perry P., assignor.)
- Koehring, Philip A., assignor to Koehring Company, Milwaukee, Wis. Automatic central mixing plant. 1,923,151; Aug. 22.
- Koehring, Roland P. (See Short, C. R., and Koehring.)
- Koenekamp, Hans E. (See Jackman, F. W., and Koenekamp.)
- Koenemann, Ernst, Halensee near Berlin, Germany. Heating steam boilers and similar apparatus. 1,916,172; June 27.
- Koenig, Josef, and F. Stoewener, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Porous metal and metal oxide. 1,919,730; July 25.
- Koenig, Lloyd R., Webster Groves, and F. B. Wolf, Clayton, Mo. Mask. 1,900,651; Mar. 7.
- Koenig, Paul, Irvington, N. J., assignor to Forstner Chain Corporation. Method and apparatus for manufacture of spring coils. 1,908,261; May 9.
- Koenig, Theodore F., Cleveland, Ohio. Doorlock for automobiles. 1,935,880; Nov. 21.
- Koenig, Victor. (See Stalzer, Franz, and Koenig.)
- Koenigkramer, Frank and F., Cincinnati, Ohio. Hospital carriage. Des. 90,585; Aug. 29.
- Koenigkramer, Frank and F., Cincinnati, Ohio. Foot and leg support for chiropodists' chairs. 1,936,942; Nov. 28.
- Koenigkramer, Frederick. (See Koenigkramer, Frank and F.)

- Koenreich, Arthur. (See Simpson, Walter S., assignor.)
 Koepke, Henry G., Chicago, Ill., assignor, by mesne assignments, to Standard Brands Incorporated, Dover, Del. Oiling system. 1,922,589; Aug. 15.
 Koepff, Rudolph & Co. (See Elöd, E., and Enderli, assignors.)
 Koepff, Rudolph & Co. Chem. Fabrik A. G. Oestrich. (See Heene, Emil, assignor.)
 Koerding, Paul. (See Ulrich, H., and Koerding.)
 Koerding, Paul. (See Ulrich, H., Nuesslein, and Koerding.)
 Koerner, Allan M. (See Phelps, W. A., and Koerner.)
 Koerner, Charles A. (See Alsaker, A., Hampton, and Koerner.)
 Koerner, Theodore W., assignor to Gemmer Manufacturing Company, Detroit, Mich. Shimmy shock absorber for motor vehicle steering gears. 1,895,576; Jan. 31.
 Koester, John V., assignor to E. Morrison, Los Angeles, Calif. Drafting instrument. 1,902,865; Mar. 28.
 Kögel, Gustav, Baden-Baden, Germany. Concave mirror. 1,919,561; July 25.
 Kohl, Hans. (See Reichmann, R., and Kohl, assignors.)
 Kohl, John, Chicago, Ill. Combined coffee measuring and dispensing device. Des. 90,774; Sept. 26.
 Kohl, Julius, Berlin, Germany. Process and plant for extracting glue from glue-containing material. 1,904,003; Apr. 18.
 Kohl, Karl, Erlangen, Germany. System for producing high frequency waves. 1,896,958; Feb. 7.
 Köhler, Arnold. (See Kantorowicz, H., and Köhler.)
 Kohler Company. (See Brotz, Anton F., assignor.)
 Kohler Company. (See Brotz, Frank G., assignor.)
 Kohler Company. (See Hvoslef, Fredrik W., assignor.)
 Kohler, Franklin W. (See Bernard, David G., assignor.)
 Kohler, Franklin W., Chicago, Ill. Chair construction. 1,895,803; Jan. 31.
 Kohler, Franklin W., Chicago, Ill. Chair construction. 1,895,804; Jan. 31.
 Köhler, Gustav, Mulheim-Ruhr, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Pressure fluid regulator. 1,910,802; May 23.
 Kohler, John H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,940,954; Dec. 26.
 Kohler, Joseph H., assignor of one-half to A. R. Tuck, Hammond, Ind. Mechanical packing ring. 1,926,006; Sept. 5.
 Kohler, Joseph H., assignor of one-half to A. R. Tuck, Hammond, Ind. Packing for centrifugal pumps and valves. 1,926,007; Sept. 5.
 Kohler, Kurt L., Salem, Ohio, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Collapsible reel. 1,905,178; Apr. 25.
 Köhler, Ludwig, Cologne-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of models of jaws. 1,898,731; Feb. 21.
 Köhler, Ludwig, Cologne, Germany. Artificial incisor. 1,917,131; July 4.
 Kohler, Michael J., assignor to National Nut Company, Oakland, Calif. Nut buttering machine. Des. 89,347; Feb. 28.
 Köhler, Otto, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Clutch mechanism. 1,898,190; Feb. 21.
 Köhler, Peter, Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Corporation, New York, N. Y. Absorption type refrigerating apparatus. 1,916,886; July 4.
 Köhler, Peter, Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,918,342; July 18.
 Kohler, Ulrich, assignor to Hasler A. G. vormalis Telegraphenwerkstätte von G. Hasler, Bern, Switzerland. Stylus for recording instruments. 1,915,426; June 27.
 Köhler, Walter, Munich, Germany. Dentist's model. 1,916,376; July 4.
 Kohler, Walter J., Jr., and F. G. Brotz, Kohler, Wis. Lavatory. Des. 89,200; Feb. 9.
 Kohler, Wilbur H., Montclair, N. J. Double window or window ventilator. 1,924,284; Aug. 29.
 Köhler, Willy, Mannheim-Seckenheim, assignor to Joseph Voegelé Aktiengesellschaft, Mannheim, Germany. Grinding mill. 1,925,069; Aug. 29.
 Kohlmetz, George W., Cleveland, Ohio. Holder for drills or like articles. Des. 90,663; Sept. 12.
 Kohlmeier, E. J., Berlin, Germany. Recovery of iron from iron and sulphur carrying metallurgical products, especially ores. 1,925,391; Sept. 5.
 Kohlmeier, Ernst J., and X. Siebers, Berlin-Charlottenburg, Germany. Treatment of raw materials containing silicic acid or silicates and oxides of heavy or light metals. 1,924,323; Aug. 29.
 Kohlmeier, Alfred A., Los Angeles, Calif. Machine for sharpening razor blades. 1,918,111; July 11.
 Kohlstedt, Edwin, Alta, assignor of one-half to E. D. Peterson, Harlan, Iowa. Variable pitch propeller. 1,915,465; June 27.
 Kohn, Adolf. (See Wahl, O., Müller, Kohn, and Teupel.)
 Kohn, Bert. (See Kaplan, Frederick, assignor.)
 Kohn, David, Albany, N. Y. Golf practice apparatus. 1,923,152; Aug. 22.
 Kohn, Edward A., New York, N. Y. Coffee making apparatus. 1,913,398; June 13.
 Kohn, Joseph, St. Louis, Mo. Dress. Des. 89,081; Jan. 24.
 Kohn, Koby, New York, N. Y., assignor to Chatham Specialty Corporation, Pittsburgh, Pa. Explosive toy. 1,914,607; June 20.
 Kohnle, Frederick, assignor to The Monarch Marking System Co., Dayton, Ohio. Price tag. 1,910,955; May 23.
 Kohnstamm, H., & Co. (See Phair, Robert A., assignor.)
 Kohout, George A., Chicago, Ill. Grate control mechanism. 1,897,579; Feb. 14.
 Kohout, George A., Chicago, Ill. Grate control. 1,915,538; June 27.
 Kohout, George A., Chicago, Ill. Automatic stoker. 1,917,375; July 11.
 Kohr, Robert F., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,896,902; Feb. 7.
 Kohr, Robert F., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,899,967; Mar. 7.
 Kohr, Robert F., and R. L. Streibinger, assignors to Bendix Brake Company, South Bend, Ind. Brake. 1,907,983; May 9.
 Kohr, Robert F., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 1,930,718; Oct. 17.
 Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,936,943; Nov. 28.
 Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,937,200; Nov. 28.
 Kohr, Robert F., assignor to Bendix Brake Company, South Bend, Ind. Flexible conduit. 1,940,456; Dec. 19.
 Kohr, Roland M. (See Sucetti, G., and Kohr.)
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,046; Jan. 17.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,068; Jan. 17.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,069; Jan. 17.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,070; Jan. 17.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,233; Feb. 7.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,528; Mar. 21.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,571; Apr. 4.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,159; June 20.
 Kohut, Alexander, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,322; July 18.
 Kohut, Alexander, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,718; Sept. 19.
 Kohut, Alexander, assignor to Croydon Fabrics, New York, N. Y. Textile fabric. Des. 91,205; Dec. 19.
 Kohut, Alexander, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,891; Oct. 17.
 Kohut, Alexander, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,950; Oct. 31.
 Kohut, Alexander, assignor to Croydon Fabrics, New York, N. Y. Textile fabric. Des. 91,165; Dec. 5.
 Koizumi, Gunji. (See Aki, S., and Koizumi.)
 Koizumi, Yuko. (See Tamaru, S., and Koizumi.)
 Koken, Walter F., Webster Groves, Mo. Physician's chair. 1,899,040; Feb. 28.
 Kokenge, Anton, assignor of one-sixth to J. Kokenge, one-sixth to H. Kellen, Granville, one-sixth to E. Kokenge, one-sixth to J. Eulberg, and one-sixth to J. Hansen, Alton, Iowa. Measuring dispenser for liquids. 1,913,761; June 13.
 Kokenge, Ernest, et al. (See Kokenge, Anton, assignor.)
 Kokenge, John, et al. (See Kokenge, Anton, assignor.)
 Kokscharoff, Johann, Berlin, Germany, assignor to The Wahl Company, Chicago, Ill. Mechanical pencil. 1,913,762; June 13.
 Kolar, James J. (See Ericson, G. F., and Kolar.)
 Kolb, Clyde E., and R. M. Kneisley, Dayton, Ohio. Price indicator. 1,906,274; May 2.
 Kolb, Hans F. (See Ryan, W. M., and Faverty, assignors, and Kolb.)
 Kolb, Louis J. (See Worrall, Arthur G., assignor.)
 Kolembo, John. (See Oslip, J., and Kolembo.)
 Kolenik, Baltazar V. (See Watral, V. B., and Kolenik.)
 Kolhede, Karl H., San Andreas, Calif. Electrical valve control for packing machines. 1,901,521; Mar. 14.
 Kolhörster, Werner, Berlin-Friedenau, Germany. Device for determining the percentage of potassium in chambers containing potassium. 1,933,063; Oct. 31.
 Kolisch, Paul. (See McCormick, Daniel J., assignor.)
 Kolko, Aron, Colombes, France. Alternating piston rotary engine. 1,920,201; Aug. 1.
 Koll, Henry M., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Furnace for treating copper. 1,936,199; Nov. 21.

- Kolla, John P., assignor to Holland Furnace Company, Holland, Mich. Air filter. 1,914,667; June 20.
- Kollath, Bernard. (See Sundt, E. V., and Kollath.)
- Kollek, Leo. (See Weihe, A., Jordan, and Kollek.)
- Kollek, Leo, and F. Pohl, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of dispersions. 1,930,853; Oct. 17.
- Koller, Herman H., Amsterdam, N. Y. Roller shade. 1,917,449; July 11.
- Koller, Karl. (See Udvardy, F., and Koller.)
- Koller, Karl, Budapest, Hungary. Pressure gas producer. 1,899,157; Feb. 28.
- Koller, Karl, Budapest, Hungary. Pressure gas producer. 1,899,158; Feb. 28.
- Koller, Kurt, Koenigsberg, Germany. Couch bed. 1,893,949; Jan. 10.
- Kolligs, Hans. (See Espe, W., and Kolligs.)
- Kollmann, Theodor. (See Griessbach, R., and Kollmann.)
- Kollmorgen Optical Corporation. (See Hauser, Oscar, assignor.)
- Kollsman, Paul, Woodhaven, N. Y. Aneroid and operating means therefor. 1,930,899; Oct. 17.
- Kölm, Ulrich. (See Weinlich, H. A., and Kölm.)
- Kolomyjec, John J., Kansas City, Mo. Pipe plug seal. 1,932,700; Oct. 31.
- Kolsters, John, Oakland, Calif. Direction signal. 1,895,669; Jan. 31.
- Komarek, Edward. (See Maras, Frank and H., and Komarek.)
- Komarek, Gustav, Chicago, Ill., and G. MacPhail, and C. Coryell, Bay City, Mich. Briquette. 1,893,417; Jan. 3.
- Komarek, Gustav, Chicago, Ill., G. MacPhail, and C. Coryell, Bay City, Mich. Manufacturing briquettes. 1,893,555; Jan. 10.
- Koment, Pauline, Oakland, Calif. Massage beater. 1,915,190; June 20.
- Komer, Robert A., Mayfield, Ky. Necktie-rack. 1,934,430; Nov. 7.
- Komm, Ernst, Dresden-Weisser Hirsch, Germany. Treatment of wheat germs. 1,896,490; Feb. 7.
- Komm, Ernst, Dresden-Weisser Hirsch, Germany. Manufacture of a disemittered product of wheat-germ. 1,896,520; Feb. 7.
- Komm, Ernst, Dresden-Weisser Hirsch, Germany. Obtaining high-valued nutrients from the products of cerealia and legumens. 1,896,521; Feb. 7.
- Kommer, Fred A., and O. Henning, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 1,894,554; Jan. 17.
- Komow, Albert P., Brooklyn, N. Y. Cutting machine. 1,935,155; Nov. 14.
- Kompak Co., The. (See Schneider, F. D., and Long, assignors.)
- Konanz, Herman J., Grantwood, N. J. Collapsible tube. 1,903,464; Apr. 11.
- Kondo, Masaru, Puenene, Maui, Hawaii. Fuse refilling tool. 1,902,710; Mar. 21.
- Kondolf, Henry, New York, N. Y., assignor to Southern Kraft Corporation. Box and making same. 1,906,622; May 2.
- Kondolf, Mathias R., Lower Merion Township, Montgomery County, Pa. Film package. 1,924,324; Aug. 29.
- Kondolf, Mathias R., Wynnewood, Pa., assignor to Gillette Safety Razor Company, Boston, Mass. Razor. 1,935,452; Nov. 14.
- Könemann, Heinrich, Munster, Germany. Talking film. 1,930,362; Oct. 10.
- Könemann, Heinrich, Munster, Germany. Process and apparatus for the production of sounds of any desired tone color. 1,939,355; Dec. 12.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Display device. 1,902,331; Mar. 21.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Dynamotor. 1,907,831; May 9.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Testing device. 1,914,808; June 20.
- Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Spark plug tester. 1,914,809; June 20.
- König, Albert, assignor to Firm Carl Zeiss, Jena, Germany. Reversing prism system affording parallel vision. 1,900,241; Mar. 7.
- König, Albert, assignor to the Firm Carl Zeiss, Jena, Germany. Tacheometric telescope. 1,918,548; July 18.
- König, Kasper. (See Sander, O., and König.)
- Konishi, Koji. (See Owada, Tokujiro, assignor.)
- Konishi, Koji, Kyobashi-Ku, Tokyo, and Seisuke Kodama, Suginami-machi, Toyotama-gun, Tokyo-Fu, Japan. Providing a transparent coating on glass surfaces. 1,919,517; July 25.
- Konoff, Alexander, assignor, by mesne assignments, to Marcon Corporation, New York, N. Y. Eye set. 1,897,848; Feb. 14.
- Konopak, Lothar T., Toledo, Ohio. Machine for filling containers with fluid. 1,894,403; Jan. 17.
- Konstantinoff, Jean, Meudon, France. Apparatus for the distribution and injection of compressed air for internal combustion engines. 1,906,008; Apr. 25.
- Konstantinoff, Jean, Paris, France. Packing device for cylindrical bodies or liners. 1,940,056; Dec. 19.
- Konstantinoff, Jean, Paris, France. Lubricating device particularly adapted to be used in connection with rotary distributors for internal-combustion engines. 1,941,402; Dec. 26.
- Kontos, Emmanuel G., Chicago, Ill. Propeller. 1,895,252; Jan. 24.
- Kooistra, John A., assignor to Whitin Machine Works, Whitinsville, Mass. Builder mechanism for spinning frames. 1,926,390; Sept. 12.
- Kookoogey, Frederic F., New York, N. Y. Landing deck for aircraft. 1,914,573; June 20.
- Koons, Charles V. (See Weingartner, A. E., and Koons.)
- Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Windlass. 1,929,641; Oct. 10.
- Koons, Charles V., assignor to American Engineering Company, Philadelphia, Pa. Control for electric hoists. 1,933,630; Nov. 7.
- Koons, Sydney R., Cleveland, Ohio. Packing and shipping device. 1,922,590; Aug. 15.
- Koontz, David R., Salisbury, assignor of one-half to J. D. Dorsett, Spencer, N. C. Low water actuated means for steam generators. 1,898,490; Feb. 21.
- Koonz, Earl R., assignor to Greenfield Tape & Die Corporation, Greenfield, Mass. Rethreading die. 1,929,281; Oct. 3.
- Koopman, Harry S., Brookline, Mass. Article of furniture. 1,939,904; Dec. 19.
- Koos, Arendt R., Elizabeth, N. J. Gauge device. 1,904,143; Apr. 18.
- Kootz, Arthur C., Milwaukee, Wis. Mop. 1,913,763; June 13.
- Kootz, Arthur C., Milwaukee, Wis. Mop. 1,919,471; July 25.
- Kootz, Samuel M., New York, N. Y. Textile fabric. Des. 90,033; May 30.
- Koovstra, Jan, Arnhem, Netherlands, assignor, by mesne assignments, to American Enka Corporation, Wilmington, Del. Eliminating gases from viscose silk cakes or cheeses. 1,930,392; Oct. 10.
- Kopczynski, Theodor, Finkenkrug, near Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company. Device for power-factor correction in electric power-circuits. 1,939,064; Dec. 12.
- Kopelowitsch, Jakob, Baden, Switzerland. High tension generator. 1,931,961; Oct. 24.
- Kopelowitsch, Jakob, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric circuit breaker. 1,935,228; Nov. 14.
- Kopfstein, Carl E., Pittsburgh, Pa. Window shade slat. 1,909,109; May 16.
- Kopfstein, Helen M., Pittsburgh, Pa. Window shade pull holder. 1,936,455; Nov. 21.
- Koppe, Ernst W., and L. J. Struebig, assignors to Fulton Iron Works Company, St. Louis, Mo. Cane mill. 1,899,202; Feb. 28.
- Koplow, Louis H., Boston, Mass. Garment hanger. 1,910,901; May 23.
- Kopnick, Joseph A., Stratford, Conn. Bottle cleaning device. 1,921,680; Aug. 8.
- Kopp, Charles A., Kansas City, Mo. Septic tank. 1,902,171; Mar. 21.
- Kopp, Nicholas, Pittsburgh, Pa. Mold for making pressed glass articles. 1,898,251; Feb. 21.
- Kopp, Philip E., Kansas City, Mo. Grease gun. 1,905,913; Apr. 25.
- Kopp, Reinhold A., assignor to W. M. Welch Mfg. Co., Chicago, Ill. Wheatstone bridge. 1,922,209; Aug. 15.
- Köpp, Willy. (See Rüder, H. B., and Köpp.)
- Koppe, Alexander T. (See Smith, G. E., and Koppe.)
- Koppe, William, Brooklyn, N. Y. Adjustable casket table for automobile hearses. 1,925,964; Sept. 5.
- Koppel Industrial Car and Equipment Company. (See Anderson, John P., assignor.)
- Koppel Industrial Car and Equipment Company. (See Schmöhl, Alfred C., assignor.)
- Koppelman, Harold I., assignor to U. S. Sanitary Specialties Corporation, Chicago, Ill. Operator for soap dispensers. 1,938,292; Dec. 5.
- Koppelman, Morris, Brooklyn, N. Y. Packing holder for fragile articles. 1,911,175; May 23.
- Koppelman, Morris, Brooklyn, N. Y. Packing for fragile articles. 1,940,596; Dec. 19.
- Koppelman, Morris, Brooklyn, N. Y., assignor, by mesne assignments, to Packing Products Corporation. Packing holder for fragile articles. 1,910,396; May 23.
- Koppelman, Morris, Brooklyn, N. Y., assignor, by mesne assignments, to Packing Products Corporation. Packing for fragile articles. 1,919,028; July 18.
- Koppers Company, The. (See Becker, Joseph, assignor.)
- Koppers Company, The. (See Hansen, Christian J., assignor.)
- Koppers Company, The. (See Rose, H. J., and Hill, assignors.)
- Koppers Company of Delaware, The. (See Altenhof, Ralph A., assignor.)
- Koppers Company of Delaware, The. (See Becker, Joseph, assignor.)
- Koppers Company of Delaware, The. (See Blackwood, O. H., and Boss, assignors.)
- Koppers Company of Delaware, The. (See Bragg, Gilbert A., assignor.)
- Koppers Company of Delaware, The. (See Bragg, G. A., Jacobson, and Wilson, Jr., assignors.)

- Koppers Company of Delaware, The. (See Carvlin, George M., assignor.)
- Koppers Company of Delaware, The. (See Cole, Sandford S., assignor.)
- Koppers Company of Delaware. (See Daniels, Joseph, assignor.)
- Koppers Company of Delaware, The. (See Dierschke, Alfred, assignor.)
- Koppers Company of Delaware, The. (See Doherty, Joseph D., assignor.)
- Koppers Company of Delaware, The. (See Frischkorn, Heinrich, assignor.)
- Koppers Company of Delaware, The. (See Gollmar, Herbert A., assignor.)
- Koppers Company of Delaware, The. (See Hahn, Conrad, assignor.)
- Koppers Company of Delaware, The. (See Hansen, Christian J., assignor.)
- Koppers Company of Delaware, The. (See Herrmann, Lorenz S., Jr., assignor.)
- Koppers Company of Delaware. (See Jacobson, David L., assignor.)
- Koppers Company of Delaware, The. (See Jacobson, D. L., and Shively, assignors.)
- Koppers Company of Delaware, The. (See Judson, Wilber, assignor.)
- Koppers Company of Delaware, The. (See Koppers, Heinrich, assignor.)
- Koppers Company of Delaware, The. (See Laue, Eric, assignor.)
- Koppers Company of Delaware, The. (See Lux, Elisabeth, assignor.)
- Koppers Company of Delaware, The. (See Lux, Daniels, and Kühn, assignors.)
- Koppers Company of Delaware, The. (See McGurl, Gilbert V., assignor.)
- Koppers Company of Delaware, The. (See Nordmeyer, Gerald J., assignor.)
- Koppers Company of Delaware, The. (See Olsson, N. A., and Fuller, assignors.)
- Koppers Company of Delaware, The. (See Page, Alwin, Jr., assignor.)
- Koppers Company of Delaware, The. (See Peterson, Paul D., assignor.)
- Koppers Company of Delaware, The. (See Pfüke, F. J., and Bowman, assignors.)
- Koppers Company of Delaware, The. (See Powell, Alfred R., assignor.)
- Koppers Company of Delaware, The. (See Puening, Franz, assignor.)
- Koppers Company of Delaware, The. (See Ramsburg, Charles J., assignor.)
- Koppers Company of Delaware, The. (See Rose, H. J., and Hill, assignors.)
- Koppers Company of Delaware, The. (See Schöffler, Julius, assignor.)
- Koppers Company of Delaware, The. (See Schwab, J. W., and Butterworth, assignors.)
- Koppers Company of Delaware, The. (See Shaw, Joseph A., assignor.)
- Koppers Company of Delaware, The. (See Sperr, Frederick W., Jr., assignor.)
- Koppers Company of Delaware, The. (See Sperr, F. W., Jr., and Shaw, assignors.)
- Koppers Company of Delaware, The. (See Straight, Herbert D., assignor.)
- Koppers Company of Delaware, The. (See Totzek, Friedrich, assignor.)
- Koppers Company of Delaware, The. (See Van Ackeren, Joseph, assignor.)
- Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Distillation of gas liquor. 1,905,108; Apr. 25.
- Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Coke-oven battery. 1,928,595; Sept. 26.
- Kopperstein, Louis, New York, N. Y. Deodorizing and disinfecting apparatus. 1,893,648; Jan. 10.
- Koppitz, Carl G., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. High-tension switch. 1,935,597; Nov. 14.
- Koppitz, Carl G., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Electrical switch. 1,935,598; Nov. 14.
- Koppitz, Carl G., and H. B. Massey, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Electric switch. 1,903,643; Apr. 11.
- Koriver, Frank, Jr., Duquesne, and P. Henry Abbott, West Newton, Pa. Soil pulverizing and refining apparatus. 1,913,917; July 18.
- Kops Brothers, Inc. (See Kops, Stanley D., assignor.)
- Kops Brothers, Inc. (See Kops, Waldemar, assignor.)
- Kops Brothers, Inc. (See Nickerson, Gertrude, assignor.)
- Kops, Stanley D., assignor to Kops Brothers, Inc., New York, N. Y. Elastic garment with stretch limiting means. 1,934,862; Nov. 14.
- Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Toy balloon. Des. 90,810; Oct. 3.
- Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Garment. 1,899,761; Feb. 28.
- Kopsa, Julius, Chicago, and E. D. Brigham, Jr., Highland Park, assignors to North American Car Corporation, Chicago, Ill. Safety cut-off valve for refrigerator cars. 1,896,673; Feb. 7.
- Kopsa, Julius, Chicago, and E. D. Brigham, Jr., Highland Park, assignors to North American Car Corporation, Chicago, Ill. Thermostatic control valve for refrigerator cars. 1,918,272; July 18.
- Kopsa, Julius, Chicago, and E. D. Brigham, Jr., Highland Park, assignors to North American Car Corporation, Chicago, Ill. Refrigerator car. 1,929,500; Oct. 10.
- Kopsa, Julius, Chicago, and E. D. Brigham, Jr., Highland Park, assignors to North American Car Corporation, Chicago, Ill. Compressor-drive support for refrigerator cars. 1,931,897; Oct. 24.
- Kopscio, Michael J., Brooklyn, N. Y. Toy vehicle and the like device. 1,939,989; Dec. 19.
- Korach, Maurizio. (See Fuschl, G., and Korach.)
- Korb, Robert T., Haddon Heights, N. J. Drying rack. 1,929,319; Oct. 3.
- Korb, Robert T., Haddon Heights, N. J. Wire belt. 1,938,293; Dec. 5.
- Ko-Rect Posture Chair Company. (See Conant, Lawrence W., assignor.)
- Koree, Jean U., New York, N. Y. Safety razor. 1,929,982; Oct. 10.
- Koree, Jean U., New York, N. Y. Vehicle wheel rim. 1,931,229; Oct. 17.
- Korée, Jean U., New York, N. Y., assignor to Flexo Safety Razor Corporation. Safety razor. 1,932,110; Oct. 24.
- Koretzky, Harry, Jersey City, N. J., M. Horowitz, Brooklyn, N. Y., and A. J. Desimone, Lyndhurst, assignors to Bright Star Battery Company, Hoboken, N. J. Flash light. 1,900,505; Mar. 7.
- Koretzky, Harry M., Hoboken, N. J., and F. A. Keller, New York, N. Y., assignors to Bright Star Battery Company. Dry battery. 1,915,575; June 27.
- Korff, Arnold. (See Guziel, A., and Korff.)
- Koritke, Karl. (See Kuhnle, C., and Koritke.)
- Koritke, Karl, Berlin, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrical vacuum cleaner. 1,921,085; Aug. 8.
- Kormann, Frederick A., Glendale, Calif., assignor to Industrial Research Laboratories Ltd. Copper-lead alloy process. 1,912,712; June 6.
- Kormann, Frederick A., Glendale, assignor to Industrial Research Laboratories Ltd., San Francisco, Calif. Removing tannin from apple juice. 1,929,642; Oct. 10.
- Kormann, Frederick A., Glendale, and J. A. Milliff, Compton, assignors to Baldwin Vale, San Francisco, Calif. Processing lubricants. 1,918,403; July 18.
- Korn, Willi, Berlin-Friedenau, Germany. Coding machine. 1,905,593; Apr. 25.
- Korn, Willi, Berlin-Friedenau, assignor the firm Chifrier-maschinen Aktiengesellschaft, Berlin, Germany. Electrical coding and de-coding devices. 1,938,028; Dec. 5.
- Kornbau, Kennard, New York, N. Y. Architectural metal work. 1,910,343; May 23.
- Kornbrath, Frederick, Hartford, Conn., assignor to Union Drawn Steel Company, Beaver Falls, Pa. Drawing die. 1,922,770; Aug. 15.
- Korney, James. (See Meshko, John W., assignor.)
- Korney, James, New York, N. Y. Ringletter. Des. 90,892; Oct. 17.
- Kornmann, Joseph, Cincinnati, Ohio. Making fine line printing plates. 1,920,405; Aug. 1.
- Kürös, Ladislav, Berlin-Tempelhof, Germany, assignor to N. V. Stabilovolt, 's Gravenhage, Netherlands. Device for keeping constant the terminal voltage of sources of current. 1,920,569; Aug. 1.
- Kürös, Ladislav, Berlin-Tempelhof, Germany, assignor to N. V. Stabilovolt, 's Gravenhage, Netherlands. Connecting arrangement for discharging devices. 1,928,858; Oct. 3.
- Korowski, André, Narberth, Pa., now by judicial change of name Andrew King. Adding machine. 1,911,515; May 30.
- Korsmo, Torbjörn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die-casting machine. 1,897,433; Feb. 14.
- Korsmo, Torbjörn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die-casting method. 1,921,681; Aug. 8.
- Korsmo, Torbjörn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die-casting apparatus. 1,923,214; Aug. 22.
- Korsmo, Torbjörn C., assignor to Madison-Kipp Corporation, Madison, Wis. Mold. 1,940,173; Dec. 19.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Coaster wagon or like articles. Des. 89,826; May 9.
- Korte, Alfred C., assignor to Metalcraft Corporation, St. Louis, Mo. Velocipede. Des. 89,898; May 16.
- Korte, Charles E., Pittsburgh, Pa. Artificial lure. 1,927,441; Sept. 19.
- Korten, Ernst. (See Klingemann, F., Lommel, Korten, and Goost.)
- Korten, Ernst, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Aminoderivatives of hexahydridiphenyl and making same. 1,906,230; May 2.
- Korten, Ernst, Frankfurt-on-the-Main-Fechenheim, assignor to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacturing ar-tetrahydronaphthol ethers. 1,918,648; July 18.
- Korth, Paul V., Detroit, Mich. Hinge for automobile seats. 1,921,622; Aug. 8.
- Kortick, John C. (See Barron, E. T., and Garthwaite, assignors.)

- Kortz, Harry, et al. (See Block, Morris H., assignor.)
- Körver, Friedrich W., assignor to Hydraulik Gesellschaft mit beschränkter Haftung, Duisburg, Germany. Pressure responsive electric switch. 1,916,427; July 4.
- Korvin-Kronovsky, Boris V., Beechurst, assignor to Edo Aircraft Corporation, College Point, N. Y. Seaplane. 1,894,919; Jan. 17.
- Kosch, Josef, Dresden, Germany. Card-index system and cards therefor. 1,931,412; Oct. 17.
- Koschka, Killian, St. Paul, Minn. Amusement device. 1,903,116; Mar. 28.
- Kosht, Jennie B., Glendale, Calif. Lingerie support. 1,925,668; Sept. 5.
- Kosik, Adalbert, Beuthen, Germany. Pipe joint. 1,907,897; May 2.
- Kosik, Adalbert, Beuthen, Germany. Shaping hollow bodies. 1,941,094; Dec. 26.
- Kosken, Wilho A., New York, N. Y., assignor to Wilho A. Kosken, Inc. Prism carrier for projection machines. 1,903,820; Apr. 18.
- Kosken, Wilho A., New York, N. Y., assignor to Wilho A. Kosken, Inc. Projecting picture films. 1,906,759; May 2.
- Kosken, Wilho A., New York, N. Y., assignor to Wilho A. Kosken, Inc. Elimination of infra-red rays in projectors. 1,912,377; June 6.
- Kosken, Wilho A., Inc. (See Kosken, Wilho A., assignor.)
- Koski, George E. (See Ross, Charles, assignor.)
- Koss, Louis E., Indianapolis, Ind. Segmental cup grinder wheel. 1,928,314; Sept. 26.
- Koss, Louis F., Jr., assignor to Capital Machine Company, Indianapolis, Ind. Variable speed drive. 1,921,758; Aug. 8.
- Kossakowski, Tadeusz, Warsaw, Poland. Apparatus for guiding endless-track vehicles on railway tracks. 1,933,811; Nov. 7.
- Koster, Richard, Tallinn, Estonia, assignor to H. Prehn, Neumburg, Germany. Illuminant burning with a multi-colored flame. 1,923,313; Aug. 22.
- Köster, Werner, Dortmund, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Production of alloys capable of being forged and hardened. 1,917,723; July 11.
- Köster, Werner, Dortmund, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Improving nickel-tin-alloys. 1,924,244; Aug. 29.
- Köster, Werner, Dortmund, assignor to the firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Improving nickel-molybdenum alloys. 1,924,245; Aug. 29.
- Köster, Werner, Dortmund, assignor Firm Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Iron-containing alloy for permanent magnets. 1,927,940; Sept. 26.
- Köster, Werner, Dortmund, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Düsseldorf, Germany. Permanent magnet. 1,928,382; Sept. 26.
- Kostohris, Stanley M., Cleveland, Ohio. Hose jumper. 1,914,830; June 20.
- Kothe, Louis E., Englewood, N. J. Safety net. 1,907,184; May 2.
- Kothny, Gottfrank L., Strafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying apparatus. 1,912,485; June 6.
- Kotler, Anna, New York, N. Y. Window. 1,910,344; May 23.
- Kotouc, John, Philadelphia, Pa. Grinding apparatus. 1,904,058; Apr. 18.
- Kott, Leo F., Detroit, Mich. Power tool. 1,924,946; Aug. 29.
- Kottman, Arthur A. (See Yerck, H. H., and Kottman.)
- Kottman, Arthur A., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Feed mechanism for grinding machines. 1,919,790; July 25.
- Kottmann, August, Sommerda, assignor to Rheinische Metallwaren- und Maschinenfabrik Sömmerda Aktiengesellschaft, Sommerda, Germany. Automatic rounding off mechanism for calculating machines. 1,908,986; May 16.
- Kottmann, August, assignor to Rheinische Metallwaren und Maschinenfabrik Sommerda Aktiengesellschaft, Sommerda, Germany. Calculating machine with two counting mechanisms. 1,921,529; Aug. 8.
- Kottmann, August, Sommerda, Thuringia, assignor to the firm Rheinische Metallwaren- und Maschinenfabrik, Sömmerda, Aktiengesellschaft, Sommerda, Germany. Calculating machine. 1,932,220; Oct. 24.
- Kotur, Petar. (See Bai, J., and Kotur.)
- Kotzlin, Theodore, Los Angeles, Calif. Riding habit. 1,897,128; Feb. 14.
- Koubek, John L., assignor to Guide Lamp Corporation, Anderson, Ind. Auxiliary driving light. 1,916,514; July 4.
- Koufman, Abraham, et al. (See Shulik, William, assignor.)
- Koumoutsakos, Peter, Brooklyn, N. Y. Submarine rescue device. 1,918,405; July 18.
- Kounovsky, Albert J., Stanton, Nebr. Ratchet device. 1,904,621; Apr. 18.
- Kountz, Kenneth G. (See Lambertus, P., Trimpe, and Kountz.)
- Kountzman, Joseph M. (See Fleischli, J. A., and Kountzman.)
- Koupal, Walter G., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Glass rolling apparatus. 1,922,894; Aug. 15.
- Koupal, Walter G., assignor to Pittsburgh Plate Glass Company, Tarentum, Pa. Glass rolling apparatus. 1,928,023; Sept. 26.
- Koupal, Walter G., and C. C. Westall, assignors to Pittsburgh Plate Glass Company, Tarentum, Pa. Glass rolling apparatus. 1,928,024; Sept. 26.
- Kouyoumjian, Haroutian K., Providence, R. I., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,893,289; Jan. 3.
- Kouyoumjian, Haroutian K., Providence, R. I., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,896,316; Feb. 7.
- Kouyoumjian, Haroutian K., Providence, R. I., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 1,910,172; May 23.
- Kovacs, Nikolaus, Vienna, Austria. Medical syringe. 1,916,428; July 4.
- Kovács, Nikolaus, Vienna, Austria. Double ampule for sterile solutions. 1,928,998; Oct. 3.
- Kovács, Theodor, Berlin-Schöneberg, Germany. Writing, drawing, or ruling pen. 1,902,782; Mar. 21.
- Kovács, Theodor, Berlin-Schöneberg, Germany. Fountain pen. 1,918,404; July 18.
- Kovacs, Theodor, Berlin, Germany. Eraser. 1,926,289; Sept. 12.
- Kovar, John R., Anoka, Minn. Sweep plow. 1,908,903; May 16.
- Kovar, John R., Owatonna, Minn. Making spring harrow teeth. 1,933,559; Nov. 7.
- Kovats, John, Fairfield, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding table. 1,901,105; Mar. 14.
- Kovats, John, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding table. 1,901,106; Mar. 14.
- Kovats, John, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Folding table. 1,901,107; Mar. 14.
- Kovats, John, assignor to The Leg-O-Matic Company, Bridgeport, Conn. Foldable chair. 1,922,305; Aug. 15.
- Kovedy, Martin, Cleveland, Ohio. Electric hot air furnace. 1,907,357; May 2.
- Kowalewski, Herbert, Winnipeg, Manitoba, Canada. Carburetor. 1,915,427; June 27.
- Kowalski, Joseph B., assignor, by mesne assignments, to Micromatic Hone Corporation, Detroit, Mich. Lapping tool. 1,924,865; Aug. 29.
- Kowna, George, New York, N. Y. Swimming paddle shoe. 1,911,828; May 30.
- Koza, Charles A., Philadelphia, Pa. Tool. 1,909,366; May 16.
- Koza, Millard J., assignor of one-half to E. J. Watkins, Iowa City, Iowa. Piston ring inserter. 1,892,989; Jan. 3.
- Kozmer, Benjamin, Chicago, Ill. Machine for treating seams. 1,934,431; Nov. 7.
- Kozmer, Benjamin, Chicago, Ill. Apparatus for treating foot-balls, basket-balls, or like inflatable balls. 1,938,913; Dec. 12.
- Kozub, Louis J., Pittsburgh, Pa. Selective pitch propeller. 1,936,677; Nov. 28.
- Kracker, Herbert. (See Fischer, E., Kissling, and Kracker.)
- Kracker, Herbert. (See Henle, F., and Kracker.)
- Kracker, Herbert. (See Wagner, H., and Kracker.)
- Kracker, Herbert, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuff and fiber dyed therewith. 1,916,621; July 4.
- Kracker, Herbert, and E. Thoma, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and material dyed with them. 1,893,556; Jan. 10.
- Kraeff, Herman L., assignor to Murray-Ohio Manufacturing Company, Cleveland, Ohio. Making cycle frames. 1,914,810; June 20.
- Kraeff, Herman L., assignor to Murray-Ohio Mfg. Company, Cleveland, Ohio. Joining metal parts including tubes. 1,914,811; June 20.
- Kraeler Company, Inc. (See Kraeler, Joseph, assignor.)
- Kraeler, Joseph, assignor to Kraeler Company, Inc., New York, N. Y. Woman's coat. 1,896,631; Feb. 7.
- Kraemer, Paul, Jr., Jersey City, N. J. Adjustable neck-band and collar sizing and ironing board. 1,894,046; Jan. 10.
- Kraemer, Waldo L., assignor to Kearfott Engineering Company, Inc., Brooklyn, N. Y. Uniframe ship's window. 1,931,661; Oct. 24.
- Kraenzlein, Georg and E. Diefenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 1,902,083; Mar. 21.
- Kraenzlein, Georg and E. Diefenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series. 1,902,084; Mar. 21.
- Kraenzlein, Georg, and E. Diefenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuffs of the anthraquinone series and preparing the same. 1,936,944; Nov. 28.

- Kraenzlein, Georg, and H. Vollmann, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated 4,5,8,9-dibenzpyrene-3,10-quinones and preparing them. 1,935,720; Nov. 21.
- Kraenzlein, Georg, H. Vollmann and M. Correll, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated vat dyestuffs of the 3,4,8,9- and 4,5,8,9-dibenzpyrenequinone series and preparing them. 1,901,307; Mar. 14.
- Kraenzlein, Georg, Frankfort-on-the-Main, R. Welde, deceased, Frankfort-on-the-Main-Hochst, Anna Welde, administratrix, and P. Ochwat, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing derivatives of the naphthazarine series. 1,892,730; Jan. 8.
- Kraft, Anton, Olpe, I. W., Germany. Twisting machine, especially for wire rope making. 1,907,551; May 9.
- Kraft, Edward L., assignor to Martin Perry Corporation, York, Pa. Operating device for windshield ventilators. 1,912,281; May 30.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Automobile ventilator. 1,921,976; Aug. 8.
- Kraft, Edward L., assignor to Martin-Parry Corporation, York, Pa. Windshield for automobiles. 1,941,176; Dec. 26.
- Kraft, Eugene W., Chicago, Ill., assignor to Keuffel & Esser Co., Hoboken, N. J. Stadia transit. 1,900,567; Mar. 7.
- Kraft, Frank E., Kansas City, Mo. Molding machine. 1,899,277; Feb. 28.
- Kraft, Herman T., assignor to The Bridgewater Machine Company, Akron, Ohio. Tire building drum. 1,902,306; Mar. 21.
- Kraft, Norman, Wilmette, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Package making machine. 1,916,515; July 4.
- Kraft-Phenix Cheese Corporation. (See Beverley, Frederick S., assignor.)
- Kraft-Phenix Cheese Corporation. (See Chapin, Edward K., assignor.)
- Kraft-Phenix Cheese Corporation. (See Eldredge, Elmer E., assignor.)
- Kraft-Phenix Cheese Corporation. (See Guest, Ward E., assignor.)
- Kraft-Phenix Cheese Corporation. (See Kraft, Norman, assignor.)
- Kraft-Phenix Cheese Corporation. (See Platt, John H., assignor.)
- Kraft, Robert H., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 1,905,472; Apr. 25.
- Krafttile Co. (See Myers, Albert C., assignor.)
- Krag, Grace M., Chicago, Ill. Broiling apparatus. 1,923,100; Aug. 22.
- Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 1,906,623; May 2.
- Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Channel cutting presser foot. 1,906,624; May 2.
- Krag, Harry W., assignor to American Shoe Machinery Company, St. Louis, Mo. Sewing machine. 1,906,625; May 2.
- Krahl, Walter L., Montclair, assignor to Arcturus Radio Tube Company, Newark, N. J. Power operated vacuum tube construction. 1,909,769; May 16.
- Krahl, Walter L., Montclair, assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J. Electron discharge device. 1,926,008; Sept. 5.
- Krahl, Walter L., Montclair, assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J. Electrode for electron discharge devices. 1,937,023; Nov. 28.
- Krahmer, Antonio. (See Silva, J. R., and Krahmer.)
- Krajac, Milos, McDonald, Ohio. Flywheel. 1,935,980; Nov. 21.
- Krajewski, Gustav A. (See Herold, P., and Krajewski.)
- Krajne, Anthony, New York, N. Y. Support for combination bridge lamps, bird cages, and the like. 1,953,673; Nov. 7.
- Krakau, Harry T., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Shock absorbing mechanism. 1,912,646; June 6.
- Krakauer, Samuel, and S. S. Marcus, New York, N. Y. Spring cushion construction. 1,906,159; Apr. 25.
- Krakower, David L., Tulsa, Okla. Necktie. 1,917,651; July 11.
- Kramer, Ernst. (See Gerth, F., and Kramer.)
- Kramat, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric wave filter. 1,938,073; Dec. 5.
- Kramer, Ernst, and H. Rochow, Berlin-Tempelhof, assignors to C. Lorenz, A. G., Berlin, Germany. Connection for electron tubes for the multiplication of frequency. 1,931,870; Oct. 24.
- Kramaroff, Nathan K., and R. K. Kramaroff, Philadelphia, Pa. Water heater. 1,931,003; Oct. 17.
- Kramaroff, Richard K. (See Kramaroff, Nathan K. and R. K.)
- Krambeer, Karl H., Berlin-Wilmersdorf, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Protective ground connection. 1,921,830; Aug. 8.
- Kramer, Andrew A. (See Buchanan, Ferdinand C., assignor.)
- Kramer, Andrew A., Kansas City, Mo. Reinforced metallic structural sheet and making the same. 1,905,413; Apr. 25.
- Kramer, Andrew A., Kansas City, Mo. Shipping container and pump therefor. 1,908,707; May 16.
- Kramer, Bernhard, Halle on the Saale, assignor to the firm Elektrowerke Aktiengesellschaft, Berlin, Germany. Fluid controlling device. 1,924,325; Aug. 29.
- Kramer, Carl E., Fairview Village, assignor to The Cleveland Wrought Products Company, Cleveland, Ohio. Ladder jack. 1,906,275; May 2.
- Kramer, Christian, Berlin-Pankow, Germany, assignor to General Electric Company. Vapor electric discharge device. 1,920,753; Aug. 1.
- Kramer, Eric B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Process and apparatus for manufacture of screw caps. 1,900,880; Mar. 7.
- Kramer, Eric B., assignor to Crown Cork & Seal Company, Baltimore, Md. Screw cap. 1,900,881; Mar. 7.
- Kramer, Erwin. (See Bollweg, B., Zeh, and Kramer.)
- Kramer, Erwin, Berlin, assignor to the Firm Hartstoff-Metall Aktiengesellschaft (Hametag) Berlin-Copenick, Germany. Bronze colors polishing machine. 1,909,586; May 16.
- Kramer, Erwin, Cologne Deutz, B. Bollweg, Leverkusen, and L. Zeh, Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of 1,2,5,6-dibenzophenazine and its derivatives. 1,909,688; May 16.
- Kramer, Erwin, assignor to Hartstoff-Metall Aktien-Gesellschaft, Berlin, Germany. Polishing machine for colored pulverulent bronze. 1,930,683; Oct. 17.
- Kramer, Erwin, Berlin, assignor to Hartstoff-Metall Aktiengesellschaft (Hametag), Berlin Copenick, Germany. Manufacturing bronze colors. 1,930,684; Oct. 17.
- Kramer, Erwin, Berlin, assignor to the Firm Hartstoff Metall A. G., Berlin-Copenick, Germany. Manufacturing disintegrated bronze foils. 1,932,741; Oct. 31.
- Kramer, Fritz, assignor to Hessen-Nassauischer Huttenverein, G. m. b. H., Amalienbütte, near Laasphe, Germany. Washing machine. 1,938,146; Dec. 5.
- Kramer, Harry W. (See Ball, Pearl V., assignor.)
- Kramer, Herman. (See Burton, K. H., and Kramer.)
- Kramer, Louis E. (See Lutz, G. A., and Kramer.)
- Kramer, Marcel D., New York, N. Y. Lady's watch. 1,893,899; Jan. 10.
- Kramer, Max J., New York, N. Y. Shaving mirror and the like. 1,912,902; June 6.
- Kramer, Milton J., New York, N. Y. Bed light. 1,906,626; May 2.
- Kramer, Nathan, assignor to Trenton Auto Radiator Works Inc., Trenton, N. J. Automobile radiator. 1,939,175; Dec. 12.
- Kramer, Oskar, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stable suspensions. 1,901,656; Mar. 14.
- Kramer, Paul H., assignor to Park Chemical Company, Detroit, Mich. Rubbing compound. 1,927,872; Sept. 26.
- Kramme, Fred W. (See Hildebrand, Otto G., assignor.)
- Kraner, Hobart M., Greensburg, Pa. Producing glass. 1,933,739; Nov. 7.
- Kraner, Hobart M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrodeposition of porcelain. 1,907,984; May 9.
- Kranhold, Frederick. (See Germanson, R. C., and Kranhold.)
- Kranich, Henry O., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass grinding machine. 1,937,388; Nov. 28.
- Kranich, Herbert, West Hempstead, N. Y. Cellulose ester. 1,940,218; Dec. 19.
- Krantz, Arthur J., assignor to The Reeves Manufacturing Company, Dover, Ohio. Roofing sheet. 1,912,486; June 6.
- Krantz, Edward, assignor, by mesne assignments, to A. L. Hansen Mfg. Co., Chicago, Ill. Stapling machine. 1,919,373; July 25.
- Krantz, H., Firm. (See Krantz, H., and Buysch, assignors.)
- Krantz, Hubert, and H. Buysch, assignors to the Firm H. Krantz, Aachen, Germany. Loading centrifugal extractor. 1,935,506; Nov. 14.
- Krantz, Joseph A., assignor to The Reeves Manufacturing Company, Dover, Ohio. Stovepipe. 1,900,750; Mar. 7.
- Kranz, Curtis G., assignor to Addressograph Company, Chicago, Ill. Printing machine. 1,919,954; July 25.
- Kranz, Curtis G., assignor to Addressograph Company, Chicago, Ill. Printing machine. 1,937,119; Nov. 28.
- Kranz, Frederick H. (See Woods, P. B., Ogilvie and Kranz.)
- Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Vehicle wheel closure. Des. 89,824; May 9.
- Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Vehicle wheel closure. Des. 89,825; May 9.
- Kranz, Harry W., C. S. Holden, and H. R. Uber, Lakewood, assignors to The Cleveland Welding Company, Cleveland, Ohio. Apparatus for making wire wheels. 1,901,457; Mar. 14.

- Kranz, Harry W., Lakewood, and H. L. Mueller, assignors to The Cleveland Welding Company, Cleveland, Ohio. Making tubular articles. 1,931,161; Oct. 17.
- Kranz, Harry W., Lakewood, and H. L. Mueller, assignors to The Cleveland Welding Company, Cleveland, Ohio. Making tubular articles. 1,931,162; Oct. 17.
- Kranz, Harry W., and H. H. Bound, Lakewood, and J. S. Fenzel, assignors to The Cleveland Welding Company, Cleveland, Ohio. Making hub shells and like tubular metal articles. 1,931,163; Oct. 17.
- Kranz, Phillip, and A. P. Schmid, assignors to Bernard Wilmsen, Philadelphia, Pa. Making a metal sponge. 1,910,612; May 23.
- Kranzfelder, Edgar, Washington, D. C. Hat storage box. 1,919,562; July 25.
- Kränzlein, Georg, M. Corell, H. Vollman, and E. Hausdörfer, Frankfort-on-the-Main-Hochst, assignors to General Aniline Works, Inc., New York, N. Y. Orthohalogenanthraquinonecarboxylic acid and preparing it. 1,895,100; Jan. 24.
- Kränzlein, Georg, and P. Ochwat, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthracene series. 1,900,350; Mar. 7.
- Kränzlein, Georg, Frankfort-on-the-Main-Hochst, E. Dickhäuser, Gersthofen near Augsburg, and A. Voss, Frankfort-on-the-Main-Hochst, Germany, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfort-on-the-Main, Germany. Acetals of cyclic ketones with polyhydric alcohols and preparing the same. 1,902,866; Mar. 28.
- Kränzlein, Georg, H. Vollmann, and E. Diefenbach, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogen-naphthalene-ketones and preparing them. 1,910,470; May 23.
- Kränzlein, Georg, and P. Ochwat, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Heterocyclic bases of the aminoimidazole series and preparing them. 1,912,849; June 6.
- Kränzlein, Georg, and F. Roemer, Frankfort-on-the-Main-Hochst, and E. Kronholz, Bad Soden-on-the-Raunus, assignors to General Aniline Works, Inc., New York, N. Y. 4-chloro-1-aminoanthraquinone-2-sulphonic acid and preparing the same. 1,914,433; June 20.
- Kranzlein, Georg, Frankfort-on-the-Main-Hochst, A. Wolfram, Frankfort-on-the-Main-Rodelheim, and W. Broeker, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing 1-amino-10-anthrones and the products obtainable thereby. 1,919,563; July 25.
- Kränzlein, Georg, and H. Vollmann, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing derivatives of naphthalene-1,4,5,8-tetracarboxylic acid. 1,920,406; Aug. 1.
- Kränzlein, Georg, H. Greune, M. Corell, and H. Vollmann, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Mixtures of new isomeric dye stuffs and preparing them. 1,921,360; Aug. 8.
- Kränzlein, Georg, M. Corell, and W. Döhle, Hochst-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing cyclohexylamines. 1,924,441; Aug. 29.
- Kränzlein, Georg, M. Corell, and E. Diefenbach, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff of the anthraquinone series. 1,924,442; Aug. 29.
- Kränzlein, Georg, Frankfort-on-the-Main-Hochst, A. Wolfram, Frankfort-on-the-Main-Redelheim, and E. Hausdörfer, Heilheim-in-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compound of the dibenzpyrenequinone series. 1,932,591; Oct. 31.
- Kränzlein, Georg, and H. Greune, Hochst-on-the-Main, M. Thiele, Frankfort-on-the-Main, and F. Helwert, Mannheim, Germany, assignors to General Aniline Works, Inc. Sulfamic acids of secondary bases, preparing the same, and pure secondary bases derived therefrom. 1,933,985; Nov. 7.
- Kränzlein, Georg, and A. Voss, Frankfort-on-the-Main-Hochst, and W. Starch, Heilheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation product of polyvinyl alcohol with cyclic ketones and preparing it. 1,933,986; Nov. 7.
- Krase, Herbert J., Clarendon, Va., and H. C. Hetherington, Washington, D. C. Synthesis of urea. 1,923,489; Aug. 22.
- Krasen, Andrew, et al. (See Golon, F. M., Morawski, and Krasen.)
- Krassa, Paul, Santiago, Chile. Manufacturing caustic soda. 1,922,591; Aug. 15.
- Kratz, Edouard M., assignor to Marsene Products Co., Chicago, Ill. Transparent sheet and process of manufacture. 1,893,172; Jan. 3.
- Kratz, Edward J., Springdale, and C. C. Callis, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Solder. 1,926,855; Sept. 12.
- Kratz, George D. (See Elbogen, Paul, assignor.)
- Kratz, Henry, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Sheet feeding device. 1,903,678; Apr. 11.
- Kratz, John J., Wilkes-Barre, Pa. Shaker apparatus. 1,915,539; June 27.
- Kratzmaier, Paul T., Kansas City, Kans. Heat exchange apparatus. 1,922,443; Aug. 15.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors, by mesne assignments, to Standard I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,904,476; Apr. 18.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, M. Pier, Heidelberg, and E. Anthes, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable organic products. 1,904,477; Apr. 18.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, M. Pier, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous materials. 1,922,542; Aug. 15.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors, by mesne assignments, to Standard I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,923,576; Aug. 22.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors, by mesne assignments, to Standard I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,931,549; Oct. 24.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, Germany, assignors to Standard I. G. Company, Linden, N. J. Conversion of solid fuels and products derived therefrom or other materials into valuable liquids. 1,931,550; Oct. 24.
- Krauch, Carl, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Refining of crude benzol. 1,932,365; Oct. 24.
- Krauch, Emil. (See Nawiasky, P., Bauer, and Krauch.)
- Krauch, Emil. (See Nawiasky, Stein, and Krauch.)
- Krauel, Philip L., and G. W. Watts, assignors to Standard Oil Company, Whiting, Ind. Treating and refining hydrocarbon oils. 1,936,629; Nov. 28.
- Kraus, Hans, assignor, by mesne assignments, to Heindl & Petters, Vienna, Austria. Device for locking the platen of typewriters. 1,931,199; Oct. 17.
- Kraus, Wilhelm. (See Pollak, F., and Kraus.)
- Krause, Albert B., assignor to A. Brezinski, Perth Amboy, N. J. Rope clamp. 1,913,032; June 6.
- Krause, Alfons, Breslau-Cavallen, Giesche-Siedlung, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Artificial silk spinning machine attachment. 1,902,332; Mar. 21.
- Krause, Arthur. (See Nawiasky, Paul, and Krause.)
- Krause, Arthur M., and J. J. Rounds, assignors of one-fifth to G. W. Ditmore, one-fifth to J. G. Moore, and one-fifth to A. Bibb, Albany, N. Y. Hot box arrester. 1,922,306; Aug. 15.
- Krause, Arthur R. (See Parlatto, P. J., and Krause.)
- Krause, Artur. (See Kacer, F., Gaumann, and Krause.)
- Krause, Artur. (See Nawiasky, P., Helwert, and Krause.)
- Krause, Charles E., assignor to Westinghouse Electric & Manufacturing Company, Greensburg, Pa. Fused stack arrester. 1,927,894; Sept. 26.
- Krause, Hans, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Making porous material. 1,916,954; July 4.
- Krause, Hans, Friedrich Alfred Emil. (See Suchy, R., and Krause.)
- Krause, Henry, Little Neck, assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Pen desk set. 1,923,734; Aug. 22.
- Krause, Hyrum. (See Bowen, H. O., and Krause.)
- Krause, Norman R. (See MacGregor, W. F., and Krause.)
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Corn harvesting machine. 1,922,374; Aug. 15.
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Corn harvesting machine. 1,922,375; Aug. 15.
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Corn harvesting machine. 1,922,376; Aug. 15.
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 1,936,630; Nov. 23.
- Krause, Paul, assignor, by direct and mesne assignments, of one-third to W. E. Sprague, deceased, and one-third to H. Taylor, Babylon, N. Y.; L. A. Sprague, administratrix of said W. E. Sprague. Liquid pump. 1,894,275; Jan. 17.
- Krause, Richard F., Massillon, Ohio. Handle for coffee-pots and the like. 1,915,129; June 20.
- Krause, Richard F., Massillon, Ohio. Handle for coffee-pots and the like. 1,915,130; June 20.
- Krause, Richard F., Massillon, Ohio. Coffee container. 1,932,221; Oct. 24.
- Krause, Richard F., Massillon, Ohio. Coffee container. 1,935,094; Nov. 14.
- Krause, William. (See Bachmann, A. B., and Krause.)
- Krauss, Curt O. (See Wurslin, Gustave, assignor.)
- Krauss, Friedrich E., Schwarzenberg, Germany. Centrifugal machine. 1,913,600; June 13.
- Krauth & Benninghofen. (See Diesbach, Fritz G., assignor.)

- Krauth & Benninghofen. (See Krauth, Marie W., assignor.)
- Krauth, Marie W., assignor to Krauth & Benninghofen, Hamilton, Ohio. Sheet holding rack. 1,905,109; Apr. 25.
- Krautzberger, Albert, Holzhausen, near Leipzig, Germany. Coating by spraying. 1,939,607; Dec. 12.
- Kraven, Harold B. (See Adams, H. R., and Kraven.)
- Krawitz, Nathan, Philadelphia, Pa. Power transmission mechanism. 1,893,501; Jan. 10.
- Krätzlein, Georg, Frankfurt-on-the-Main-Hochst. and R. Samesreuther, Butzbach, Germany. Heat exchange device. 1,903,898; Apr. 18.
- Krechma, Ignace J. (See Martin, J., and Krechma.)
- Krechma, Ignace J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovering dilute acids. 1,914,134; June 13.
- Krechma, Ignace J., Baltimore, Md., and W. J. Bloomer, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of organic acids. 1,908,708; May 16.
- Krczil, Franz, Aussig-on-the-Elbe, Czechoslovakia. Production and reactivation of active charcoal. 1,927,459; Sept. 19.
- Kreamer, Lorne, Tonawanda, N. Y. Brake tester. 1,916,622; July 4.
- Krebs, Carl C., assignor, by mesne assignments, to Columbus Metal Tire Cover Company, Detroit, Mich. Tire cover. 1,933,268; Oct. 31.
- Krebs, Joseph, Bedford Hills, N. Y. Chair. 1,912,282; May 30.
- Krebs Pigment and Color Corporation. (See Blumenfeld, Joseph, assignor.)
- Krebs Pigment and Color Corporation. (See Blumenfeld, J., and Mayer, assignors.)
- Krebs Pigment and Color Corporation. (See Haber, H., and Kubelka, assignors.)
- Krebs Pigment & Color Corporation. (See Hanahan, Marion L., assignor.)
- Krebs Pigment & Color Corporation. (See Kubelka, Paul, assignor.)
- Krebs Pigment and Color Corporation. (See McKinney, Robert M., assignor.)
- Krebs Pigment and Color Corporation. (See Mechlenburg, Werner, assignor.)
- Krebs Pigment & Color Corporation. (See Mertes, Albert T., assignor.)
- Krebs Pigment & Color Corporation. (See Steinbring, Edward F., assignor.)
- Krebs, Walter O., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Induction furnace. 1,940,256; Dec. 19.
- Krebs, William R., Grantwood, N. J. Reflector-shade. Des. 91,097; Nov. 21.
- Krech, Rudolph, Mannheim, W. Scheurer, Ludwigshafen-on-the-Rhine, and A. Koch, Höchst-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of colored rubber articles. 1,897,129; Feb. 14.
- Krech, Rudolph, Mannheim, W. Scheurer, Ludwigshafen-on-the-Rhine, and A. Koch, Höchst-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Yellow azo dyestuff. 1,920,407; Aug. 1.
- Kreer, John G., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission network. 1,897,639; Feb. 14.
- Kreher, Max, assignor of one-fourth to S. H. Neumark and one-fourth to E. J. Benson, New York, N. Y. Carburetor. 1,907,325; May 2.
- Kreidel, Hans, Wiesbaden, Germany. Wick oiler. 1,901,972; Mar. 21.
- Kreidel, Hans, Wiesbaden, Germany. Joint for pipes. 1,904,866; Apr. 18.
- Kreidl, Norbert, assignor to the Firm Glasbuttenwerke vorm. J. Schreiber & Neffen, Reltendorf a/Tess, Czechoslovakia. Changeant or opalescent glass. 1,899,760; Feb. 28.
- Kreidler, Alfred, Stuttgart, Germany. Indicating device. 1,893,090; Jan. 3.
- Kreidler, Anton, Stuttgart, Wurttemberg, Germany. Cam gear for internal combustion engines. 1,896,449; Feb. 7.
- Kreidler, Earl M. (See Chrisman, H., and Kreidler.)
- Kreidler, Urban A., East Orange, N. J., assignor to National Biscuit Company, New York, N. Y. Pastry cup. Des. 89,708; Apr. 25.
- Kreishelmer, Irvin. (See Fox, Lewis I., assignor.)
- Krein, Andrew J., assignor to Nobelt Company of America, Baltimore, Md. Flexible band for personal wear. 1,925,260; Sept. 5.
- Kreis, Harry G., Cleveland, Ohio. Slide hammer. 1,903,548; Apr. 11.
- Kreis, Joseph D., Cleveland, Ohio, assignor to Bonnarvawter Fanform Company, Inc., New York, N. Y. Rotary punching device. 1,910,395; May 23.
- Kreis, Joseph D., assignor to The Erie Dyeing & Processing Co., Cleveland, Ohio. Mechanical movement. 1,916,377; July 4.
- Kreis, Oscar C., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,939,855; Dec. 19.
- Kreis, Walter, Binningen, near Basel, assignor to "Chemical Works formerly Sandoz," Basel, Switzerland. Manufacture of new cardio-active glucosides of bulboscallae. 1,902,408; Mar. 21.
- Kreis, Walter, assignor to the Firm of Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of a new crystallized product from digitalis. 1,923,490; Aug. 22.
- Kreis, Walter, assignor to Firm Chemical Works formerly Sandoz, Basel, Switzerland. Preparation of new crystallized glucosides from digitalis. 1,923,491; Aug. 22.
- Krejci, Frank, Chicago, Ill. Automatic chuck operating device. 1,894,773; Jan. 17.
- Kreisl, Milo W., New York, N. Y. Treating ores and furnace therefor. 1,915,540; June 27.
- Krekeler, Heinz. (See Grote, W., and Krekeler.)
- Krell, Frederick C. (See Faries, R., and Krell.)
- Krell, Joseph, Berlin-Zehlendorf, Germany. Printing machine. 1,913,890; June 13.
- Krell, Joseph, Berlin-Zehlendorf, Germany. Printing machine. 1,923,492; Aug. 22.
- Krell, Otto, Berlin-Dahlem, Germany. Equipment for moored airships. 1,935,271; Nov. 14.
- Kremens, Abraham I. (See Raiziss, G. W., and Kremens.)
- Kremetz & Company. (See Hilbrand, Emil C., assignor.)
- Kremetz & Company. (See Kremetz, Walter M., assignor.)
- Kremetz, Walter M., assignor to Kremetz & Company, Newark, N. J. Wrist-watch bracelet. Re18,847; May 30.
- Kremmling, Aribert. (See Kremmling, Otto, assignor.)
- Kremmling, Aribert, Hammersleben, near Oschersleben, Germany. Machine for feeding plastic material such as dough through dies or like apertures. 1,900,607; Mar. 7.
- Kremmling, Aribert, Hammersleben near Oschersleben, Germany. Apparatus for depositing plastic or semifluid substances. 1,903,570; Apr. 11.
- Kremmling, Aribert, Hammersleben, Germany. Apparatus for forming molded or embossed articles of plastic material. 1,906,160; Apr. 25.
- Kremmling, Otto, assignor to Aribert Kremmling, Hammersleben, Germany. Apparatus for the manufacture of confectionery. 1,932,345; Oct. 24.
- Kremp, Franz. (See Beck, C., Diekmann, and Kremp.)
- Kremser, Alois. (See Halloran, R. A., Kremser, and Hutchinson.)
- Kremser, Alois, Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Fractionation. 1,928,225; Sept. 26.
- Kremser, Alois, Berkeley, and J. R. MacGregor, Oakland, Calif. Mechanically operated gate. 1,910,220; May 23.
- Krensky, Louis J., and S. Gessler, Chicago, Ill.; said Gessler assignor to said Krensky. Manufacturing smoker's articles. 1,927,984; Sept. 26.
- Krentler, Edwin G., Detroit, Mich. Automobile body inside panel fastener. 1,929,590; Oct. 10.
- Krenzke, William F., assignor to Jacobsen Manufacturing Co., Racine, Wis. Power mower. 1,900,062; Mar. 7.
- Kresky, Jesse E., Petaluma, Calif. Oil burner. 1,912,713; June 6.
- Kress, Claude W., New York, N. Y. Display cabinet. 1,892,673; Jan. 3.
- Kress, Claude W., New York, N. Y. Commodity display cabinet. 1,911,368; May 30.
- Kress, Otto, Appleton, Wis. Producing a white filler product from sulphate pulp lime mud. 1,894,620; Jan. 17.
- Kress, Ralph H., Lawrence, Mass. Oil pressure automobile clutch control. 1,938,914; Dec. 12.
- Kress, Wilhelmine, Pittsburgh, Pa. Curtain rod. 1,914,027; June 13.
- Kresser, Leo, assignor to United American Bosch Corporation, Springfield, Mass. Humidifier. 1,914,812; June 20.
- Kressman, Jean, Bordeaux, France. Electric amplification of sounds. 1,923,870; Aug. 22.
- Kretlow, Wilbur H. (See Jones, C. H., and Kretlow.)
- Kretschmar, Georg. (See Nawliasky, P., and Kretschmar.)
- Kreuter, Curt. (See Bogemann, M., Kreuther and Weigel.)
- Kreutzer, Alfred. (See Brunck, R., Kreutzer, and Boeck.)
- Kreutzer, Casper, Milltown, N. J. Double rope skipping toy. 1,893,173; Jan. 3.
- Kreutzer, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Farm building. Des. 89,644; Apr. 18.
- Kreutzer, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Farm building. Des. 89,645; Apr. 18.
- Kreutzer, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Farm building. Des. 89,967; May 23.
- Kreuzer, Barton. (See Cass, J. L., and Kreuzer.)
- Kreuzer, Barton. (See Olson, H. F., and Kreuzer.)
- Krichbaum, Ora, Delaware, Ohio. Inflatable article. 1,916,483; July 4.
- Krick, George W. (See Rodriguez, Juan P., assignor.)
- Krichbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control apparatus. 1,921,196; Aug. 8.
- Krieg, John L. (See Jacobs, G. T., Chute, and Krieg.)
- Krieg, Walter L., assignor to Bendix Brake Company, South Bend, Ind. Brake operating mechanism. 1,926,391; Sept. 12.

- Krieg, Walter L., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,932,898; Oct. 31.
- Kriegbaum, George M., F. F. Brooks, and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Fertilizer attachment for planters. 1,921,885; Aug. 8.
- Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Fertilizer discharging unit. 1,921,886; Aug. 8.
- Krieger, Adolph J. (See Kiessling, M., and Krieger.)
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 1,905,914; Apr. 25.
- Krieger, Ernest, Winnipeg, Manitoba, Canada. Pipe washing and cleanout pump. 1,903,735; Apr. 11.
- Krieger, Eugene, Buffalo, N. Y., assignor to Riley Stoker Corporation, Worcester, Mass. Automatic stoker. 1,917,652; July 11.
- Krieger, Lucien, Arcueil, France. Device for changing the direction of travel, applicable to belt conveyers. 1,908,368; May 9.
- Krieger, Wilhelm. (See Schmidt, M. P., Krieger, and Spietschka.)
- Krieger, Wilhelm. (See Schmidt, M. P., Krieger, and Spröngerts.)
- Kriegmeyer, Josef, Oradea, Rumania. Counter pressure filling apparatus. 1,926,290; Sept. 12.
- Kriegsheim, Heinrich, assignor to The Permutit Company, New York, N. Y. Control of the saline content of boiler waters. 1,904,900; Apr. 18.
- Kriegstedt, Carl E. O., Washington, D. C., assignor, by mesne assignments, to The Engineering Appliance Corporation. Renewable fuse. 1,927,369; Sept. 19.
- Kriegstedt, Carl E. O., Washington, D. C., assignor to The Engineering Corporation. Fuse plug. 1,927,370; Sept. 19.
- Kriegstedt, Carl E. O., Washington, D. C., assignor to The Engineering Appliance Corporation. Fuse. 1,927,371; Sept. 19.
- Kriegstedt, Carl E. O., Washington, D. C., assignor to Engineering Appliance Corporation, Baltimore, Md. Fuse. 1,927,372; Sept. 19.
- Krier, LeRoy A. (See Metavallas, George W., assignor.)
- Krijanovsky, Nicolas N., New York, and N. A. Transehe, Beechhurst, Long Island, N. Y., assignors to American Geographical Society of New York. Nomograph or device for solving problems in spherical trigonometry. 1,935,402; Nov. 14.
- Krill, Joseph. (See Pike, R. D., and Krill.)
- Kringel, Frank W., Los Angeles, Calif. Piano construction. 1,924,720; Aug. 29.
- Krinsky, Samuel, New York, N. Y. Water closet bowl and clean-out construction therefor. 1,922,961; Aug. 15.
- Krippendorf, Paul F. W. C., Lynn, Mass. Telephone instrument. 1,912,529; June 6.
- Kristman, Nicholas A., Menlo Park, Calif. Bait holder. 1,922,702; Aug. 15.
- Kritchevsky, Wolf. (See Beckert, C. J., Kritchevsky, and Harris.)
- Kritchevsky, Wolf. (See Harris, B. R., Beckert, and Kritchevsky.)
- Kritchevsky, Wolf, B. R. Harris, and C. J. Beckert, Chicago, Ill. Stabilized egg product. 1,924,947; Aug. 29.
- Kritzer, Charles C., Chicago, Ill. Mounting. 1,926,392; Sept. 12.
- Krive, James D., assignor to International Shoe Company, St. Louis, Mo. Shoe treeing device. 1,899,001; Feb. 28.
- Kriz, Joseph, Chicago, Ill. Power operated talking machine. 1,906,161; Apr. 25.
- Krno, John M., Brooklyn, and A. Schildberger, New York, N. Y., assignors to International Patents Development Company, Wilmington, Del. Manufacture of confectionery of the gum drop type. 1,928,901; Oct. 3.
- Krno, John M., Brooklyn, and A. Schildberger, New York, N. Y., assignors to International Patents Development Company, Wilmington, Del. Making grained confection. 1,939,990; Dec. 19.
- Krocka, John S. (See Nosik, William A. and R. J., Krocka, and Moncher.)
- Kroecker, Jacob J., assignor to The Fairmount Tool and Forging Company, Cleveland, Ohio. Tool kit holder. 1,922,102; Aug. 15.
- Kroeger, Ferdinand J. (See Hohnhorst, F. J., and Kroeger.)
- Kroen, August F., Beaver Falls, Pa. Closure for containers. 1,904,739; Apr. 18.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,915; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,916; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,917; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,918; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,919; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,920; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,921; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,922; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,923; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,924; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,925; Jan. 3.
- Kroener, Paul F., Hyde Park, Pa., assignor to Textile Machine Works, Wyomissing, Pa. Stocking. Des. 88,926; Jan. 3.
- Kroenig, Walter. (See Winkler, K., and Kroenig.)
- Kroenlein, Henry A. (See Lang, H. T., and Kroenlein.)
- Kroesen, Jay C., Belleville, N. J. Sound track mechanism. 1,917,653; July 11.
- Kroger, Fred H., Ridgewood, N. J. Control apparatus. 1,915,367; June 27.
- Kroger, Fred H., Ridgewood, N. J., assignor to Radio Corporation of America. Radio receiving apparatus. 1,917,307; July 11.
- Kroger, Fred H., Ridgewood, N. J., assignor to Radio Corporation of America. Protective relay for tube transmitters. 1,920,646; Aug. 1.
- Kroger Grocery & Baking Company, The. (See Douglas, Stephen A., assignor.)
- Kroger Grocery & Baking Company, The. (See Even, Gregoire L., assignor.)
- Kroger Grocery & Baking Company, The. (See Sherrill, Clarence O., assignor.)
- Kroger Grocery & Baking Co., The. (See Wetta, William, sr., assignor.)
- Krogh, Otto C., Odense, Denmark. Vacuum propeller plane. 1,896,089; Feb. 7.
- Krogh, Otto P., Copenhagen, Denmark. Joining leather, etc. 1,923,215; Aug. 22.
- Kroha, Curt, New York, N. Y. Beauty mask. 1,913,083; June 6.
- Kröhl, Fritz, Reinickendorf-ost near Berlin, Germany. Bevel drive for the steering wheels of motor vehicles. 1,918,649; July 18.
- Krohn, Christian S. B., et al. (See Lundin, Knut E., assignor.)
- Krohn, Walter A. J., Milwaukee, Wis. Power unit. 1,935,211; Nov. 14.
- Kröhne, Gustav, Rosenberg, Oberfals, Germany. Milling cutter. 1,898,732; Feb. 21.
- Krohs, Walter. (See Bockmühl, M., Krohs, and Ehrhart.)
- Krohs, Walter. (See Lautenschläger, K. L., Bockmühl, Ehrhart, and Krohs.)
- Krohs, Walter. (See Stolz, F., Böttcher, Hallensleben, and Krohs.)
- Kroll, Adolphe Victor, Luxemburg, Luxemburg. Method and apparatus for agglomerating metalliferous masses. 1,916,863; July 4.
- Kroll, Frederick A. (See Ayres, R. O., Kroll, and Johnson.)
- Kroll, Nathan J., Chicago, Ill. Crib bed. 1,907,298; May 2.
- Krollpfeiffer, Friedrich, Marburg-on-the-Lahn, Germany, assignor to Wintrop Chemical Company, Inc., New York, N. Y. Pharmaceutical preparation. 1,900,449; Mar. 7.
- Kron, Leonard C. (See Simon, A. W., Kron, and Raymond.)
- Kron, Leonard C. (See Simon, A. W., Kron, Watson, and Raymond.)
- Kronenberger, Ferdinand, Brooklyn, N. Y. Flat and filler for egg holding cases. 1,901,913; Mar. 21.
- Kronheim, Jacob, Cleveland, Ohio. Hanger for resilient chair seats and couch bottoms. 1,908,709; May 16.
- Kronheim, Jacob, Cleveland, Ohio. Upholstered furniture. 1,908,710; May 16.
- Kronheim, Jacob, Cleveland, Ohio. Resilient bottom for upholstered chairs, box springs, automobile seats, couches, etc. 1,918,760; July 18.
- Kronheim, Jacob, Cleveland, Ohio. Resilient bottom for upholstered furniture. 1,918,761; July 18.
- Kronheim, Jacob, Cleveland, Ohio. Hanger or bracket. 1,938,720; Nov. 28.
- Kronholz, Erich. (See Kränzlein, G., Roemer, and Kronholz.)
- Kronmiller, Carl G., Elkhart, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper motor. 1,926,680; Sept. 12.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Seaming head for closing machines. 1,906,162; Apr. 25.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Device for dispensing lubricating oil. 1,912,283; May 30.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Packer for machines for closing containers. 1,914,262; June 13.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for applying friction covers to containers. 1,920,869; Aug. 1.

- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 1,933,479; Oct. 31.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Making containers. 1,933,480; Oct. 31.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Fluxing device for lock and lap seam bodymakers. 1,934,357; Nov. 7.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for closing filled cans. 1,941,033; Dec. 26.
- Kronquest, Alfred L., Syracuse, and F. G. Searle, Bronxville, assignors to Continental Can Company, Inc., New York, N. Y. Funnel for dispensing lubricating oil. 1,918,112; July 11.
- Kronquest, Alfred L., and M. M. Sedwick, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Cover supplying mechanism for multiple can closing machines. 1,921,977; Aug. 8.
- Kronstadt, Max, Brooklyn, N. Y. Finger ring or similar article. Des. 90,034; May 30.
- Kropac, Rose, Trenton, N. J. Hair waving comb. 1,911,451; May 30.
- Kropp, Alfred, Wetzlar, Germany, assignor to Stahlwerke Rochling-Buderus A. G. Alloy of high fusion point. 1,893,144; Jan. 3.
- Kropp, Walter. (See Berendes, R., and Kropp.)
- Kropp, Walter. (See Taub, L., and Kropp.)
- Kropp, Walter, and S. Deichsel, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. New salt-like complex compounds of the higher homologous polyhydroxy-benzenes and substitution products thereof. 1,914,434; June 20.
- Kropp, Walter, F. Lange, and A. Bohne, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Vitamin preparations containing lipoid soluble vitamins. 1,919,297; July 25.
- Kropp, William, Weatherly, assignor to The Rails Company, New York, N. Y. Rail and flange oiler. 1,918,406; July 18.
- Krosta, Frederick, assignor of one-half to S. H. Seidman, New York, N. Y. Tool. Re19,018; Dec. 12.
- Krotee, Walter E., Philadelphia, Pa. Insulated driving connection. 1,899,159; Feb. 28.
- Kruck, Ralph E. (See Packer, L. C., and Kruck.)
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric and Manufacturing Company. Refrigerator cabinet. Des. 90,989; Nov. 7.
- Kruck, Ralph E., Springfield, and P. E. Hochstetter, East Springfield, Mass., assignors to Westinghouse Electric and Manufacturing Company. Portable humidifier. Des. 90,444; Aug. 8.
- Kruckmeyer, Charles G., Jennings, Mo. Gang-mower. 1,904,376; Apr. 18.
- Kruckenberger, Franz, and C. Stedefeld, Hanover, Germany. Side wind protection for railway systems. 1,902,783; Mar. 21.
- Krueger, Alfred P. (See Krueger, Theodore H., and A. P.)
- Krueger, Bernhard H., New York, N. Y. Vanity case. 1,931,004; Oct. 17.
- Krueger, Elmer R., assignor to Beach & Arthur, Inc., Indianapolis, Ind. Wrapped package. 1,915,676; June 27.
- Krueger, Eugene W., assignor to Worden-Allen Company, Milwaukee, Wis. Metal building construction. 1,910,699; May 23.
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Can end seamer. 1,923,101; Aug. 22.
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Method and apparatus for forming smoothly rounded can bodies. 1,930,562; Oct. 17.
- Krueger, Frank, assignor to Pacific Can Co., San Francisco, Calif. Machine for lining can ends with a sealing compound. 1,929,784; Oct. 10.
- Krueger, Fred G., Norwood, and F. H. Hudepohl, St. Bernard, Ohio. Stereopticon operating device. 1,904,622; Apr. 18.
- Krueger, Theodore H., New York, N. Y., assignor to Better Packages, Incorporated, Shelton, Conn. Adhesive tape for fastening packages and for like purposes. 1,902,369; Mar. 21.
- Krueger, Theodore H., Derby, assignor to Better Packages Incorporated, Shelton, Conn. Feeding and moistening gummed tape. 1,914,375; June 20.
- Krueger, Theodore H., and A. P., Derby, Conn., assignors to Better Packages Inc., New York, N. Y. Moistening device. 1,896,317; Feb. 7.
- Krueger, William E., assignor to Line Material Company, South Milwaukee, Wis. Locking plug for receptacles and the like. 1,906,929; May 2.
- Kruetzer, Frederic J., Elmira, N. Y., assignor to James Manufacturing Company, Fort Atkinson, Wis. Farm building. Des. 89,643; Apr. 18.
- Krug Aircraft Engineering Company. (See Krug, Robert E., assignor.)
- Krug, Carl, Frankfurt-on-the-Main, Germany. Building up of machine tools, specially grinding machines. 1,909,110; May 16.
- Krug, Emil, Mannheim, Germany. Perpetual calendar of the roller type. 1,933,812; Nov. 7.
- Krug, Harold F., Grosse Pointe Park, Mich. Pneumatic tube. 1,900,568; Mar. 7.
- Krug, Robert E., Granite City, Ill., assignor, by mesne assignments, to Krug Aircraft Engineering Company, St. Louis, Mo. Engine. 1,913,399; June 18.
- Kruger, Herbert W., U. S. Army, Portland, Ore. Data computer. 1,930,481; Oct. 17.
- Kruger, Herman H. (See Gilmore, F. H., and Kruger.)
- Kruger, Paul E. F., Copenhagen, Denmark. Connector for connecting movable electric lines. 1,908,764; May 16.
- Kruger, Svend A., Copenhagen, Denmark. Base-exchanging filter material. 1,915,894; June 27.
- Kruhme, Erich, Berlin-Treptow, A. Jipp, and E. Rossberg, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. System of communication by means of current impulses. 1,918,043; July 11.
- Kruimel, Joan H. A., Bloemendaal, Netherlands. Machine for winding paper belts. 1,919,518; July 25.
- Krull, Erik, Waterbury, Conn. Screw driver attachment. 1,939,268; Dec. 12.
- Krum, Henry, G. Preall, and J. H. Chambers, Fresno, Calif.; said Preall assignor of his entire right to said Chambers. Fruit slicing machine. 1,914,860; June 20.
- Krum, Howard L. (See Morton, S., Krum, and Kleinschmidt.)
- Krum, Howard L., et al. (See Morton, S., Krum, and Kleinschmidt.)
- Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Pin barrel selector armature retaining type. 1,917,308; July 11.
- Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Motor control. 1,938,597; Dec. 12.
- Krumholz, Alfred F., Chicago, Ill. Feeding device for electric weld rods or wire. 1,898,014; Feb. 21.
- Krumm, Thomas F., Toledo, Ohio, assignor of one-third to H. F. Mehaie, Kalamazoo, and one-third to S. S. McClelland, Detroit, Mich. Coupling. 1,926,487; Sept. 12.
- Krummenacher, Eduard, Riehen, near Basel, assignor to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of chloro-sulphonic acid. 1,893,879; Feb. 21.
- Krupp, Fried. Grusonwerk Aktiengesellschaft. (See Johlige, Hans-Joachim, assignor.)
- Kruse, Conrad, Brooklyn, N. Y. Fruit peeler. 1,896,318; Feb. 7.
- Kruse, Ernst J., Wenatchee, Wash. Orchard ladder safety device. 1,910,551; May 23.
- Kruse, Hermann, Bremen-Sebaldsbruck, Germany. Nailing machine. 1,903,700; Apr. 11.
- Kruse, Jan Peter, Grossenbrode, near Heiligenhafen, Germany. Cow-tail holder. 1,926,291; Sept. 12.
- Kruse, Otto V., St. Davids, Pa., assignor to I. P. Morris and De La Vergne, Inc. Fluid control system. 1,941,357; Dec. 26.
- Kruse, Peter, assignor to E. W. Bliss Company, Brooklyn, N. Y. Blank cutting machine. 1,923,937; Aug. 22.
- Kruse, Peter, assignor to E. W. Bliss Company, Brooklyn, N. Y. Flanging and corrugating machine and method. 1,939,065; Dec. 12.
- Kruse, Ralph H., Pelham Manor, assignor to The Cambridge Instrument Company, Inc., Ossining, N. Y. Paper-making machine and method. 1,926,292; Sept. 12.
- Kruse, Wilhelm. (See Liesk, Erwin, and Kruse.)
- Krusell, Carl A., Belmont, assignor to Hard Metal Alloys, Inc., Boston, Mass. Diamond cutting tool or the like and making the same. 1,939,991; Dec. 19.
- Krusell, Lars G. (See Smith, E. L., and Krusell.)
- Krüssmann, Hermann, Sterkrade, Germany. Alternating single or multi phase current motor. 1,934,766; Nov. 14.
- Krynitsky, Alexander I., executor. (See Whittemore, H. L., and Petrenko.)
- Kryzanowsky, Constant J., Baltimore, Md., assignor to Mine Safety Appliances Company, Pittsburgh, Pa., and H. J. Newmark, New York, N. Y. Apparatus for treating exhaust gases of internal combustion engines. 1,893,372; Jan. 3.
- Krzikalla, Hans. (See Reindel, H., and Krzikalla.)
- Krzikalla, Hans. (See Schneevoght, A., and Krzikalla.)
- Krzikalla, Hans, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metal compounds of an O-Hydroxyazo dyestuff. 1,893,557; Jan. 10.
- Krzikalla, Hans, Mannheim, and F. Bluemmel, Seckenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Metal compound of o-hydroxyazo dyestuffs. 1,923,216; Aug. 22.
- Krzikalla, Hans, Mannheim, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Condensation products of resinic acids. 1,940,092; Dec. 19.
- Kuba, Franz, Vienna, Austria. Screw gear. 1,903,053; Mar. 28.
- Kubach, William L., East Cleveland, Ohio, assignor to General Electric Company. Method and apparatus for testing incandescent lamps and similar articles. 1,904,059; Apr. 18.
- Kubaugh, Benjamin F., assignor to Henry Vogt Machine Co., Louisville, Ky. Distributive refrigerating evaporator. 1,920,570; Aug. 1.

- Kubaugh, Benjamin F., assignor to Henry Vogt Machine Co., Louisville, Ky. Cooling apparatus. 1,935,270; Nov. 14.
- Kubelka, Paul. (See Haber, H., and Kubelka.)
- Kubelka, Paul, Prague, Czechoslovakia, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Dissolving titanium tetrachloride in aqueous solvents. 1,899,572; Feb. 28.
- Kubelka, Paul, Prague, Czechoslovakia, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Preparing clear solutions of titanium chloride. 1,899,573; Feb. 28.
- Kubelka, Paul, Prague, Czechoslovakia, assignor to Krebs Pigment & Color Corporation, Newark, N. J. Preparing concentrated clear solutions of titanium chloride. 1,899,574; Feb. 28.
- Kubes, John P., Cleveland, Ohio. Crate. 1,894,179; Jan. 10.
- Kubica, Alois W., Rosenberg, Tex. Stalk cutter attachment for disk plows. 1,910,772; May 23.
- Kubin, Josef. (See Stern, K., and Kubin.)
- Kubista, Charles L., Le Sueur, Minn. Ink fountain or dip well. 1,903,465; Apr. 11.
- Kublanow, Joseph, Pittsburgh, Pa. Side wall mounting structure. 1,932,274; Oct. 24.
- Kublanow, Joseph, Pittsburgh, Pa. Composite sidewall structure. 1,932,275; Oct. 24.
- Kublanow, Joseph, Pittsburgh, Pa. Side wall structure. 1,932,276; Oct. 24.
- Kubler, Fred, Van Nuys, Calif. Poultry fountain. 1,912,530; June 6.
- Kubler, Frederick J., New York, N. Y., assignor to A. S. Campbell Company, East Boston, Mass. Cowl pillar for vehicle bodies. 1,907,832; May 9.
- Kubler, Frederick J., New York, N. Y., assignor to A. S. Campbell Company, East Boston, Mass. Hanging of doors. 1,934,074; Nov. 7.
- Kübler, Johannes, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Rectifying system. 1,916,161; June 27.
- Kubler, Johannes, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Regulating system for alternating current circuits. 1,930,979; Oct. 17.
- Kubodera, Hisakichi. (See Yoshizawa, Denzo, assignor.)
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Fabric guiding means for sewing machines. 1,896,903; Feb. 7.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Folder for sewing machines. 1,926,950; Sept. 12.
- Kuchan, Zanon V., Aberdeen, Wash. Automobile jack. 1,893,418; Jan. 3.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Vehicle draft appliance. 1,908,711; May 16.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Logging bumper. 1,909,689; May 16.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Dump wagon. 1,909,969; May 23.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Side dump wagon. 1,909,970; May 23.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Combined chassis frame and support. 1,920,571; Aug. 1.
- Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Cable reel transporting vehicle. 1,921,233; Aug. 8.
- Kuchar, Joseph, assignor to Forged-Trak Co., Chicago, Ill. Track for track laying wheels. 1,922,377; Aug. 15.
- Kucher, Andrew A., Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerator. 1,934,603; Nov. 7.
- Kucher, Andrew A., Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerator. 1,934,604; Nov. 7.
- Kuck, Henry G., and T. J. Abele, assignors to Stuber & Kuck Co., Peoria, Ill. Clamp for receptacle covers. 1,912,850; June 6.
- Kuckhoff, John C. (See Miller, C. F., and Kuckhoff.)
- Kucklinsky, Frederick W. (See Allen, H. G., and Kucklinsky.)
- Kudo, Harold, Dubuque, Iowa. Doughnut pan. 1,900,290; Mar. 7.
- Kudolla, Milton P., Chicago, Ill. Automatic drain device. 1,907,299; May 2.
- Kuechle, Ernst, assignor, by mesne assignments, to I-X-L Metal Spring Cover Company, Milwaukee, Wis. Spring cover. 1,922,210; Aug. 15.
- Kuechle, Herbert G., assignor, by mesne assignments, to I-X-L Metal Spring Cover Company, Milwaukee, Wis. Spring cover. 1,893,950; Jan. 10.
- Kuehling, Herman, Eggertsville, N. Y., assignor to The Barber Asphalt Company, Philadelphia, Pa. Hopper gate closing mechanism. 1,937,232; Nov. 28.
- Kuehnstedt, Renfrew H., Highland Park, assignor to Thompson & Jameson Corporation, Chicago, Ill. Voltage control for variable speed generators. 1,924,190; Aug. 29.
- Kuehn, Arthur E., Portland, Oreg. Intake manifold for motors. 1,893,502; Jan. 10.
- Kuehn, Lawrence J., Milwaukee, Wis. Ophthalmic bridge mounting. 1,919,336; July 25.
- Kuehne, Fred, Jr., Flora, Ill. Kitchen cabinet. Des. 90,116; June 13.
- Kuehne, Joseph C., Newark, N. J. Venting bung. 1,907,358; May 2.
- Kuempel, Leon L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat regulating device. 1,914,435; June 20.
- Kuenneth, George W., assignor to Jeannette Kuenneth, deceased, Brooklyn, N. Y.; Margaret H. Kuenneth, administratrix. Friction brake. 1,934,720; Nov. 14.
- Kuenneth, Jeannette. (See Kuenneth, George W., assignor.)
- Kuenneth, Margaret H., administratrix. (See Kuenneth, George W., assignor.)
- Kuenzel, S. H. Hunter, assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Guard for automobile doors. 1,894,102; Jan. 10.
- Kuenzel, S. H. Hunter, assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Convertible vehicle body. 1,894,103; Jan. 10.
- Kuenzel, S. H. Hunter, assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Cowl ventilator. 1,919,733; July 25.
- Kuenzel, S. H. Hunter, assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Automobile apron protector. 1,930,719; Oct. 17.
- Kuert, Ira J., Los Angeles, Calif. Shoe rack. 1,927,569; Sept. 19.
- Kuester, August F., Clintonville, Wis. Spring mounting for motor vehicles and trailers. 1,898,191; Feb. 21.
- Kuester, August F., Clintonville, Wis. Trailer hitch. 1,926,238; Sept. 12.
- Kuffell, George C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Well surveying instrument. 1,928,969; Oct. 3.
- Kugel, Max, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of aminoanthraquinone-nitriles. 1,938,029; Dec. 5.
- Kugelmann, Jack, Elkins Park, Pa. Stocking toe fabric. 1,915,792; June 27.
- Kugler, Charles H., Lexington, Nebr. Cutting means for graders or like implements. 1,912,583; June 6.
- Kugler, Frank, Jr., Brement, Saskatchewan, Canada. Automatic door. 1,897,311; Feb. 14.
- Kühl, August, assignor to the Firm Optische Werke G. Rodenstock, Munich, Germany. Galilean telescope. 1,934,863; Nov. 14.
- Kuhl, Henry W. (See Dreyfus, C., Whitehead, and Kuhl.)
- Kuhl, John, Oakland, and W. H. Shiffer, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Apparatus and method for the treatment of residual tars. 1,909,587; May 16.
- Kuhl, Paul E., Elizabeth, N. J., assignor to Standard Oil Development Company. Apparatus for fractionating liquids. 1,904,144; Apr. 18.
- Kuhlemann, Stig O. C., assignor to Carl H. Lundholm Aktiebolag, Stockholm, Sweden. Parachute device. 1,895,999; Jan. 31.
- Kuhlemann, Stig O. C., assignor to C. H. Lundholm Aktiebolag, Stockholm, Sweden. Parachute device. 1,896,000; Jan. 31.
- Kuhlman, Carl H., Toledo, Ohio. Humidity factor telethermometer. 1,894,104; Jan. 10.
- Kuhlman, Edward H., Dayton, Ohio. Welding electrodes. 1,900,941; Mar. 14.
- Kuhlman Electric Company. (See Cakle, Wendolyn F., assignor.)
- Kuhlman, George W., New York, N. Y., assignor to The Hell Co., Milwaukee, Wis. Trailer attachment. 1,908,987; May 16.
- Kuhlman, Harry J., assignor to Holcroft and Company, Detroit, Mich. Transfer mechanism for furnaces. 1,936,239; Nov. 21.
- Kuhlman, Leo G., and E. W. Landmeier, assignors to The Wadsworth Electric Manufacturing Company, Covington, Ky. Combination switch and fusing device. 1,934,805; Nov. 14.
- Kuhls, Carl F., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,926,810; Sept. 12.
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric control device. 1,894,404; Jan. 17.
- Kuhn, Clarence W., North Milwaukee, assignor, by mesne assignments, to Cutler-Hammer, Inc., Milwaukee, Wis. Driving mechanism for valves and other devices. 1,901,397; Mar. 14.
- Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 1,912,776; June 6.
- Kuhn, Clarence W., Milwaukee, Wis., assignor, by mesne assignments, to Cutler-Hammer, Inc. Circuit breaker. 1,928,131; Sept. 26.
- Kuhn, Clarence W., North Milwaukee, assignor, by mesne assignments, to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 1,929,745; Oct. 10.
- Kuhn, Clarence W., Milwaukee, Wis., and P. Ryan, New York, N. Y., assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 1,897,059; Feb. 14.
- Kuhn, Clarence W., and W. C. Stevens, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 1,940,422; Dec. 19.
- Kühn, Eberhard. (See Lux, E., Daniels, and Kühn.)
- Kuhn, Frank, assignor to American Electrical Heater Company, Detroit, Mich. Thermostatic control for electric heaters. 1,893,558; Jan. 10.

- Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electric iron. 1,915,131; June 20.
- Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Thermostat. 1,916,669; July 4.
- Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Thermostatic switch assembly. 1,916,670; July 4.
- Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Subassembly for electrical heaters. 1,916,672; July 4.
- Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Electric iron. 1,916,673; July 4.
- Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Handle. 1,934,131; Nov. 7.
- Kuhn, George, Silver Spring, Md., assignor to Butler-Kuhn Corporation, Washington, D. C. Illuminating device. 1,894,876; Jan. 17.
- Kuhn, George, Takoma Park, Md. Heater. 1,933,439; Oct. 31.
- Kuhn, Gustave F. (See Janssen, Henry, assignor.)
- Kuhn, Henry A., Zanesville, Ohio. Fender tool. 1,909,284; May 16.
- Kuhn, Herman L., Union, assignor of fifty per cent to W. H. Coffey, Ludlow, Miss. Dirigible-airplane. 1,901,173; Mar. 14.
- Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple terminal bank. 1,929,925; Oct. 10.
- Kuhn, John J., Elizabeth, and R. V. Terry, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film editing machine. 1,921,469; Aug. 8.
- Kuhn, Ray C., Warsaw, Ohio. Banquet table. 1,904,060; Apr. 18.
- Kuhne, Frederick C., San Francisco, Calif. Combined advertising and dispensing device. 1,925,144; Sept. 5.
- Kühnel, Carl, and K. Korittke, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Vacuum cleaner. 1,902,561; Mar. 21.
- Kuhner, Max H., assignor to Badenhausen Corporation, Cornwells Heights, Pa. Dust separating and collecting device. 1,901,370; Mar. 14.
- Kuhner, Max H., assignor, by mesne assignments, to Riley Stoker Corporation, Worcester, Mass. Steam boiler. 1,935,272; Nov. 14.
- Kühner, Otto, Goppingen, Germany. Sheet metal press. 1,893,951; Jan. 10.
- Kühner, Otto, Goppingen, Germany. Sheet metal drawing press. 1,900,291; Mar. 7.
- Kuhns, Austin, assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Rolling mill. 1,893,290; Jan. 3.
- Kuhns, Charles A., Niagara Falls, N. Y. Reflector. 1,896,090; Feb. 7.
- Kuhrmeyer, Henry, Chicago, Ill. Stringed musical instrument. 1,932,975; Oct. 31.
- Kuiken, Simon. (See La Rock, P., and Kuiken.)
- Kuiper, Gerhard C. R. (See Riemenschneider E., and Kuiper, assignors.)
- Kuklenski, Ignacy, Detroit, Mich. Machine for assembling springs. 1,911,624; May 30.
- Kuldell, Rudolph C. (See Fletcher, Harold W., and Kuldell.)
- Kulick, Edward L., administrator. (See Farrell, Archie W.)
- Kulicke, Frederick W., Philadelphia, Pa., assignor, by mesne assignments, to The Electrolock Manufacturing Company, Vicksburg, Miss. Electric switch lock. 1,905,110; Apr. 25.
- Kulicke, Frederick W., and R. W. Butler, Philadelphia, and C. W. Moore, Rosslyn, assignors to Mitchell Specialty Company, Philadelphia, Pa. Safety gas cock. 1,920,511; Aug. 1.
- Kulicke, Frederick W., Philadelphia, Pa., assignor, by mesne assignments, to The Electrolock Manufacturing Company, Vicksburg, Miss. Flexible connection. 1,941,095; Dec. 26.
- Kulk, Irving, Brooklyn, N. Y. Floating airport. 1,896,546; Feb. 7.
- Kull, Fred, Elkhorn, Wis. Musical wind instrument. 1,932,742; Oct. 31.
- Kullman, Alfred, assignor to Graton & Knight Company, Worcester, Mass. Picker for fly shuttle looms. 1,904,316; Apr. 18.
- Kulp, Harry W., et al. (See Cannady, Daniel, assignor.)
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Valve keeper inserter. 1,896,001; Jan. 31.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Bushing remover. 1,902,711; Mar. 21.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Valve-spring lifter. 1,913,084; June 6.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Shouldered stud bolt riveting or setting die. 1,916,623; July 4.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Positioning tool. 1,917,183; July 4.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Spring compressor. 1,924,246; Aug. 29.
- Kulp, Harry W., and M. C. Dellinger, Lancaster, Pa. Shield. 1,927,126; Sept. 19.
- Kulzer, Jakob, Detroit, Mich. Sewing stand. 1,893,419; Jan. 3.
- Kumagai, Minoru, Osaka, Japan. Oil feeding apparatus for internal combustion engines. 1,893,649; Jan. 10.
- Kumler, Ralph W., Wilmington, Del. Destructively distilling black liquor. 1,900,506; Mar. 7.
- Kummerer, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Hallesches, Berlin, Germany. Transmitter-tube arrangement. 1,906,627; May 2.
- Kummerer, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Compensated circuit scheme for grid direct current modulation. 1,933,631; Nov. 7.
- Kummerer, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation. 1,940,423; Dec. 19.
- Kump, Ferdinand J., Glendale, Long Island, N. Y. Thermostatic switch mechanism. 1,916,111; June 27.
- Kunath, Richard J., Ridgefield Park, N. J. Harness motion for looms. 1,910,222; May 23.
- Kunc, Frank, New Rochelle, assignor to H. O. Boehme, Inc., New York, N. Y. Push-pull signal amplifier. 1,925,838; Sept. 5.
- Kunc, Frank, New Rochelle, assignor to H. O. Boehme, Inc., New York, N. Y. Photo-electric keying head. 1,939,215; Dec. 12.
- Kundee, Albert H., assignor to Premier Warm Air Heater Company, Dowagiac, Mich. Air conditioning apparatus. 1,910,110; May 23.
- Kuney, Clarence F., Brookfield, assignor to Federal Steel Sash Company, Waukesha, Wis. Steel sash. 1,909,111; May 16.
- Kuney, Clarence F., Brookfield, assignor to Federal Steel Sash Company, Waukesha, Wis. Window sash. 1,924,100; Sept. 5.
- Kunitz, Hannibal A., Stratford, Conn., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 1,930,812; Oct. 17.
- Kunkel, Conrad, Oceanside, Long Island, N. Y. Self-sealing paste tube cap. 1,925,926; Sept. 5.
- Kunkel Manufacturing Company. (See Brubaker, Henry J. and J. B., assignors.)
- Kuno, Shichigoro, Ogden, Utah. Air cooling and conditioning apparatus. 1,912,208; May 30.
- Kunold, Henry F. (See Constable, C. E., and Kunold.)
- Kuns, Ray E., Madisonville, Ohio. Camping trailer. 1,895,933; Jan. 31.
- Kuus, Ray E., Madisonville, Ohio. Spring balanced container lid. 1,928,667; Oct. 3.
- Kunstlinger-Patent-Verwertungs-Aktiengesellschaft. (See Larsson, Markus, assignor.)
- Kunstlunger-Patent-Verwertungs-Aktiengesellschaft. (See Liljenroth, Frans G., assignor.)
- Kunstlunger-Patent-Verwertungs-Aktiengesellschaft. (See Wadsted, Bengt.)
- Kuntz, Frank A., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hinge. 1,895,466; Jan. 31.
- Kuntz, William J., York, Pa. Lime kiln. 1,915,322; June 27.
- Kuntz, William J., Aspinwall, Pa. Treating of lime. 1,929,591; Oct. 10.
- Kunz, Adolph A. (See Myers, S. F., and Kunz.)
- Kunz, Adolph R., Phoenix, Ariz. Centrifugal air or gas injector. 1,919,847; July 25.
- Kunz, Albert, and C.-F. Perret, LeLocle, Switzerland. Mounting an anchor bridge in watch movements. 1,916,955; July 4.
- Kunz, Emil, Chicago, Ill. Gas burner for cook stoves. 1,932,743; Oct. 31.
- Kunz, George. (See Benbow, D. A., and Kunz.)
- Kunz, Max A. (See Wolff, H. Kunz, and Koeberle.)
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivative of polymerized cyananthraquinone compounds. 1,894,491; Jan. 17.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works Inc., New York, N. Y. Vat dyestuff of the anthraquinone series. 1,895,101; Jan. 24.
- Kunz, Max A., and K. Koeberle, Mannheim, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of vat dyestuffs of the dibenzanthrone series. 1,898,452; Feb. 21.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the isodibenzanthrone series and making them. 1,901,308; Mar. 14.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Allo-MS-naphthodion thrones. 1,902,867; Mar. 28.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works Inc., New York, N. Y. Halogenation of aromatic compounds. 1,904,145; Apr. 13.
- Kunz, Max A., Mannheim, H. Neresheimer, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyranthrone series. 1,906,231; May 2.

- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivatives of dibenzanthrones. 1,908,369; May 9.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New vat dyestuffs of the dibenzanthrone series. 1,908,904; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs. 1,909,690; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs. 1,909,691; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of new vat dyestuffs of the anthraquinone series. 1,909,692; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 1,909,693; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 1,909,694; May 16.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 1,909,695; May 16.
- Kunz, Max A., Mannheim, R. Stroh, and H. Dimroth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 9.10 diamino anthracene and its N-substitution products. 1,917,801; July 11.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of halogen derivatives of dibenzopyrene quinones. 1,922,481; Aug. 15.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogendibenzopyrenequinones. 1,922,482; Aug. 15.
- Kunz, Max A., Mannheim, K. Koeberle and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenation of cyclic compounds. 1,924,443; Aug. 29.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff and its production. 1,924,444; Aug. 29.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogen anthraquinone benzacridone. 1,924,445; Aug. 29.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated anthraquinone acridone and preparing it. 1,924,446; Aug. 29.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 1,926,050; Sept. 12.
- Kunz, Max A., Mannheim, K. Koeberle, and E. Berthold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Iodo derivatives of aromatic compounds. 1,926,155; Sept. 12.
- Kunz, Max A., Mannheim, E. Berthold, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogen derivatives of the anthraquinone-acridone series and making them. 1,927,127; Sept. 19.
- Kunz, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of nitrogenous compounds derived from perylene-quinone. 1,935,721; Nov. 21.
- Kunz, Max A., Mannheim, K. Koeberle, and G. Kochendoerfer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated pyridinoanthraquinones. 1,937,154; Nov. 28.
- Kunz, Max A., Mannheim, and K. Koeberle and A. Hensle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivative of the acridone series. 1,939,011; Dec. 12.
- Kupfer, Louis B., Chicago, Ill. Toy. 1,894,105; Jan. 10.
- Kupfer, Reinhold. (See Sementitz, Christian, assignor.)
- Kupferhütte Ertel, Bleber & Co., Firm, et al. (See Behrens, Hans C. A., assignor.)
- Kupka, Johann, Westminster-London, England, assignor to the Firm of Societe d'Exploitation des Procèdes Dabeg, Paris, France. High-powered steam engine such as locomotive engine. 1,935,363; Nov. 14.
- Kuppers, Carl, Culver City, Calif. Automatic coupling. 1,922,543; Aug. 15.
- Kuppersmith, Fred W., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Jig and fixture lock. 1,900,852; Mar. 7.
- Kupski, Joseph, assignor to Chicago Hardware Foundry Company, North Chicago, Ill. Stool seat positioning means. 1,895,226; Jan. 24.
- Kurath, Franz. (See Cherry, O. A., and Kurath.)
- Kurath, Franz, assignor to Economy Fuse and Manufacturing Co., Chicago, Ill. Grinding machine. 1,929,746; Oct. 10.
- Kurekchee, David, Schenectady, N. Y. Bed spring. 1,903,679; Apr. 11.
- Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
- Kurowski, Alfred G. F., Brooklyn, N. Y., assignor to Underwood Elliott Fisher Company, New York, N. Y. Braille-writing machine. Des. 89,709; Apr. 25.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,899,968; Mar. 7.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott-Fisher Company, New York, N. Y. Typewriting machine. 1,909,060; May 16.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting, bookkeeping, and card-perforating machine. 1,909,770; May 16.
- Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,917,943; July 11.
- Kurowski, Alfred T. (See De Francisco, M., and Kurowski.)
- Kurth, Edward H., Pasadena, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Equalized amplifying tube. 1,909,411; May 16.
- Kurth, Franz J. (See Sassenberg, Jost, assignor.)
- Kurth, Franz J., Cologne-Dellbrück, and J. Sassenberg, Cologne, Germany; said Sassenberg assignor to said Kurth. Air and gas distributing device. 1,926,778; Sept. 12.
- Kurth, Herman, Newark, N. J. Device for holding and dispensing paper sheets. 1,937,024; Nov. 28.
- Kurth, Matthew G., Madison, Wis. Piston, packing, and the like. 1,920,470; Aug. 1.
- Kürtössi, László, Budapest, Hungary. Automatic coupling for railway vehicles. 1,896,959; Feb. 7.
- Kurtz, Henry F. (See Bausch, E., and Kurtz.)
- Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Röntgenological reproduction. 1,904,867; Apr. 18.
- Kurtz, Henry F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Stereoscope. 1,904,868; Apr. 18.
- Kurtz, Stewart S., Jr., Merion, assignor to The Atlantic Refining Company, Philadelphia, Pa. Refining hydrocarbon oil. 1,899,969; Mar. 7.
- Kurtze, Reimar C. F. (See Crawford, W. E., and Kurtze, assignors.)
- Kurtze, Reimar C. F., Youngstown, Ohio. Mill drive. 1,907,833; May 9.
- Kurz, Philip J. (See Brewer, Charles A., assignor.)
- Kurz, Anna M., administratrix. (See Kurz, Otto.)
- Kurz, Fred. (See Holtz, F. C., and Kurz.)
- Kurz, Fred, assignor to Sangamo Electric Company, Springfield, Ill. Electric motor. 1,933,440; Oct. 31.
- Kurz-Kasch Company, The. (See Kasch, Henry J., assignor.)
- Kurz, Otto, deceased, Bensenville, by A. M. Kurz, administratrix, Bensenville, Ill. Optical heat determining instrument. 1,937,579; Dec. 5.
- Kurz, Richard. (See Gauss, O., and Kurz.)
- Kurze, Walter, New Athens, Ill. Photographic apparatus. 1,932,701; Oct. 31.
- Kurze, Wilhelm, Hanover, assignor to Lange and Geilen, Halle, Saale, Germany. Centrifugal mold filling apparatus. 1,894,877; Jan. 17.
- Kuse, Henry A., Taylor, assignor to Hy Kuse Motors & Auto Supply Co., Old Forge, Pa. Valve and tappet silencer and clearance cushion. 1,913,241; June 6.
- Kusebauch, Anton K. (See Lower, N. M., Kusebauch, and Chalker, assignors.)
- Kusebauch, Anton K., Bellevue, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train pipe coupling. 1,918,273; July 18.
- Kusebauch, Anton K., Bellevue, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train pipe coupling. 1,919,435; July 25.
- Kushner, Max, Cleveland, Ohio. Door closer. 1,911,369; May 30.
- Kuska, Henry, Chicago, Ill. Razor blade sharpening device. 1,924,995; Aug. 29.
- Kuskin, David. (See Hennecke, E. V., and Kuskin.)
- Kuskin, David, Bronx, N. Y., and D. A. McConnell, East Orange, N. J., assignors to F. J. Foster, New York, N. Y. Windshield wiper and motor therefor. 1,912,777; June 6.
- Kusse, Frederick C., Chicago, Ill. Aircraft. 1,924,192; Aug. 29.
- Kusserow, Reinhold E., Oakland, Calif. Grain malting unit. 1,895,514; Jan. 31.
- Kusserow, Reinhold E., Oakland, Calif. Process for malting grain. 1,899,160; Feb. 28.
- Kusterle, Frank, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Crib. 1,895,885; Jan. 31.
- Kusterle, Frank, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Furniture post end construction. 1,899,699; Feb. 28.

- Kusterle, Frank, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Hospital table. 1,901,174; Mar. 14.
- Kusterle, Frank, Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Hospital bed adjusting mechanism. 1,941,214; Dec. 26.
- Kutscha, Alois, Chicago, Ill. Convertible truck body. 1,928,859; Oct. 3.
- Kutsche, Julius, Mannheim, and F. Müller, Heddenheim A. D. B., Germany, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Disconnecting switch. 1,913,309; June 6.
- Kutler, Herman L., Hamilton, assignor to The Paper & Textile Machinery Company, Sandusky, Ohio. Paper making machinery. 1,913,678; June 13.
- Kutner, Julius, Long Island City, N. Y. Controlling device for engines. 1,935,507; Nov. 14.
- Kutz, Anna L., administratrix. (See Kutz, Linus B. C.)
- Kutz, Linus B. C., deceased, Raleigh, N. C., Anna L. Kutz, administratrix. Saw sharpening machine. 1,941,178; Dec. 26.
- Kutz, William H. (See Neifert, G. W., and Kutz.)
- Kutznier, Fred. (See Kutznier, Willy and F.)
- Kutznier, James C., South Pasadena, assignor to Monarch Investment Company Limited (a trust estate); Los Angeles, Calif. Water feed regulator. 1,894,517; Jan. 17.
- Kutznier, Willy and F., Postsdam near Berlin, Germany. Production of dry glue. 1,895,194; Jan. 24.
- Kuula, Oscar F., Munising, Mich. Soldering spoon. 1,938,630; Dec. 12.
- Kuwada, Gompei, Komedani-Mura, Kawabe-Gun, Japan. Mechanism for dry gas meters. 1,922,166; Aug. 15.
- Kuwada, Gompei, Komedani-Mura, Kawabe-Gun, Japan. Mechanism for opening and closing valves. 1,933,740; Nov. 7.
- Kuzelewski, Albert R., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic steering gear. 1,917,528; July 11.
- Kuzelewski, Albert R., assignor to American Engineering Company, Philadelphia, Pa. Pump. 1,924,124; Aug. 29.
- Kuzell, Charles R. (See Fowler, M. G., Kuzell, and Ralston.)
- Kuzell, Charles R., assignor to United Verde Copper Company, Clarkdale, Ariz. Reverberatory furnace. 1,896,178; Feb. 7.
- Kuzell, Charles R., assignor to United Verde Copper Company, Clarkdale, Ariz. Metallurgical apparatus. 1,899,161; Feb. 28.
- Kuzell, Charles R., assignor to United Verde Copper Company, Clarkdale, Ariz. Zinc metallurgy. 1,936,092; Nov. 21.
- Kuzmick, Joseph N. (See Novotny, E. E., and Kuzmick.)
- Kuzmick, Joseph N., assignor of one-half to The Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc., Passaic, N. J., and one-half to J. S. Stokes, Spring Valley Farms, Pa. Abrasive product and making the same. 1,900,386; Mar. 7.
- Kvaal, Albert, Smestad, near Oslo, Norway, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone set. 1,917,724; July 11.
- Kvarnstrom, Alfred T., Detroit, Mich. Manufacturing flare end tubes. 1,898,374; Feb. 21.
- Kwake, Joseph A., assignor to Camel Company, Chicago, Ill. Lift mechanism. 1,916,674; July 4.
- Kwafil, Hallet E., Racine, Wis. Bottle display rack. 1,913,033; June 6.
- Kwartin, Bernard, Brooklyn, N. Y. Volume control apparatus for recording and broadcasting. 1,893,291; Jan. 3.
- Kwartin, Bernard, Philadelphia, Pa. Regenerative photoelectric cell. 1,938,184; Dec. 5.
- Kwartz, Michael J., Detroit, Mich. Fountain pen. 1,898,780; Feb. 21.
- Kwick Kut Manufacturing Co. (See Fouke, George W., assignor.)
- Kwicway Money Changer Corporation. (See Kiss, James, assignor.)
- Kwicway Money Changer Corporation of Delaware. (See Bachardy, Stephen J., assignor.)
- Kwik-Mix Concrete Mixer Co. (See Gilson, Michael, assignor.)
- Kylander, Karl Y., Helsingfors, Finland. Preliminary boiling or cooking process for cellulose. 1,910,613; May 23.
- Kyle and Company. (See Goble, William D., assignor.)
- Kyle, George L., assignor to U S L Battery Corporation, Niagara Falls, N. Y. Storage battery. 1,918,044; July 11.
- Kyle, William D., assignor to Line Material Company, Milwaukee, Wis. Insulator. 1,914,436; June 20.
- Kyle, William D., assignor to Line Material Company, Milwaukee, Wis. Insulator. 1,914,437; June 20.
- Kyle, William D., assignor, by mesne assignments, to Line Material Company, Milwaukee, Wis. Fuse. 1,928,625; Oct. 3.
- Kyle, William D., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Insulator. 1,937,764; Dec. 5.
- Kyle, William D. and W. G. Johnson, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Conduit. 1,919,734; July 25.
- Kyle, William T., Southport, Conn., assignor to The Owens Automatic Spring and Machinery Company. Spring structure. 1,898,491; Feb. 21.
- Kylin, Oskar, Cleveland Heights, assignor to J. G. Oliver, Cleveland, Ohio, doing business as Bardons & Oliver. Automatic turret clamp. 1,934,358; Nov. 7.
- Kylo, Olaf, Kettle Falls, Wash. Insect destroyer. 1,897,263; Feb. 14.
- Kylstra, John. (See Monteith, C. N., Kylstra, and Minshall.)
- Kyrides, Lucas P., assignor to Monsanto Chemical Works, St. Louis, Mo. Dehydrating alcohols. 1,907,834; May 9.
- Kyrides, Lucas P., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Octyl alcohol esters. 1,923,938; Aug. 22.
- Kyrides, Lucas P., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture and stabilization of aromatic alcohols. 1,933,064; Oct. 31.
- Kyrides, Lucas P., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Chemical treatment of organic acid halides. 1,939,216; Dec. 12.
- Kyrides, Lucas P., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Mixed esters of carboxylic acids. 1,939,217; Dec. 12.
- Kyrides, Lucas P., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Making dibenzanthrone. 1,908,712; May 16.
- Kyrides, Lucas P., and J. A. Bertsch, St. Louis, Mo., assignors, by mesne assignments, to Monsanto Chemical Company. Electrolytic reduction of organic compounds. 1,927,289; Sept. 19.
- L. A. B. Company, The. (See Laughlin, W. C., and Asch, assignors.)
- L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
- L. G. S. Devices Corporation. (See Barton, Clarence H., assignor.)
- L. G. S. Devices Corporation. (See Brownlee, Dalmer T., assignor.)
- L. G. S. Devices Corporation. (See Drexler, Charles, assignor.)
- L. G. S. Devices Corporation. (See Starkey, William C., assignor.)
- L. G. S. Devices Corporation. (See Starkey, W. C., and Barton, assignors.)
- L. & R. Manufacturing Company. (See Regero, Frank, assignor.)
- Laabs, Eric H., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Web severing device. 1,918,407; July 18.
- Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,905,644; Apr. 25.
- Laage, Emil. (See Knorr, A., Weissenborn, and Laage.)
- La Bar, Bert G. (See Mylius, W. G., and La Bar.)
- La Bar, Bert G., Turtle Creek, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric measuring instrument. 1,909,112; May 16.
- La Barre, George H. (See Gentry, Ralph R., assignor.)
- Labarthe, Henry A., et al. (See Edwards, James E., assignor.)
- Labastrou, Maurice L., Paris, France. Antidazzling headlight. 1,928,539; Sept. 26.
- Labbe, Armand L. (See Fleming, E. P., and Labbe.)
- Labberton, John M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Preventing oil leakage from bearings. 1,905,234; Apr. 25.
- LaBeau, Clarence E., et al. (See Ambrose, T. H., and Elmer, assignors.)
- Labin, Frank R., Buffalo, N. Y. Toy. 1,914,438; June 20.
- Labine, Roland A., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Applying covering material to tire patches. 1,900,450; Mar. 7.
- Labisky, Arthur H., West Bend, Wis. Agitator for a washing machine. Des. 90,855; Oct. 10.
- Labisky, Arthur H., West Bend, Wis. Washing machine. 1,930,241; Oct. 10.
- Labisky, Arthur H., Barton, Wis. Washing machine. 1,930,243; Oct. 10.
- Labisky, Arthur H., assignor to The Barton Corporation, West Bend, Wis. Clothes-washing machine. 1,929,747; Oct. 10.
- Labombarde, Elie W., Nashua, N. H. Paper receptacle. 1,917,132; July 4.
- Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Mechanism for feeding blanks. 1,897,484; Feb. 14.
- Laboon, John F., Pittsburgh, Pa., and F. B. Barns, New York, said Barns assignor to D. Campbell, New York, N. Y. Plant construction. 1,903,510; Apr. 11.
- Laboratory Construction Company. (See Goldfisch, Philip A., assignor.)
- La Bour, Harry E., Chicago Heights, Ill. Packing gland. 1,902,960; Mar. 28.
- La Bour, Harry E., Elkhart, Ind. Pumping system. 1,902,961; Mar. 28.
- La Bour, Harry E., Elkhart, Ind. Apparatus for packing shafts. 1,915,677; June 27.
- La Bour, Harry E., Elkhart, Ind. Pump. 1,915,678; June 27.
- La Bour, Harry E., Elkhart, Ind. Pump. 1,922,050; Aug. 15.
- La Bour, Harry E., Elkhart, Ind. Gland. 1,924,407; Aug. 29.
- La Bour, Harry E., Elkhart, Ind. Valve. 1,925,392; Sept. 5.

- La Bour, Harry E., Homewood, Ill. Pump. 1,908,635; May 9.
- La Branch, Jefferson N., San Diego, Calif. Air venting device. 1,902,409; Mar. 21.
- Labreche, Joseph C. A., Montreal, Quebec, Canada. Head-light lens. 1,893,174; Jan. 3.
- Labreche, Joseph C. A., Montreal, Quebec, Canada. Combined bottle opener and key ring. 1,899,203; Feb. 28.
- La Brie, Howard M., Roanoke, Va., assignor to The Viscose Company, Marcus Hook, Pa. Pump. 1,912,284; May 30.
- La Brie, Ludger E. (See Bendix, V., and La Brie.)
- La Brie, Ludger E., South Bend, Ind. Brake. 1,928,059; Sept. 26.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,901,657; Mar. 14.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,902,455; Mar. 21.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,902,647; Mar. 21.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,908,483; May 9.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,911,452; May 30.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,912,778; June 6.
- La Brie, Ludger E., South Bend, Ind., assignor, by mesne assignments, to Bendix Aviation Corporation, New York, N. Y. Vehicle brake. 1,913,932; June 13.
- La Brie, Ludger E., South Bend, Ind., assignor, by mesne assignments, to Bendix Brake Company, Chicago, Ill. Wheel. 1,914,996; June 20.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Manufacture of brake shoes. 1,914,997; June 20.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,919,519; July 25.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,924,610; Aug. 29.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake operating mechanism. 1,924,611; Aug. 29.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,060; Sept. 26.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,932,899; Oct. 31.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,932,900; Oct. 31.
- LaBrie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,934,432; Nov. 7.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,935,403; Nov. 14.
- La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 1,936,877; Nov. 28.
- La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Operating mechanism. 1,940,457; Dec. 19.
- Lacaprara, Donato, Dearborn, and K. E. Ketchum, Detroit, Mich. Tunneling equipment. 1,903,866; Apr. 18.
- La Cauza, Giuseppe, Milan, Italy. Refrigerator van. 1,932,162; Oct. 24.
- Lacell, Eliza, executrix. (See Lacell, Harold G.)
- Lacell, Harold G., deceased; by Eliza Lacell, executrix, Finchley, London, England. Dehydration of Magnesium chloride. 1,903,592; Apr. 11.
- Lacell, Maurice N., assignor to British Maxium, Limited, London, England. Manufacture of sand molds for casting easily oxidizable metal. 1,935,591; Nov. 14.
- Lacene Manufacturing Company. (See Cogswell, Leander A., assignor.)
- Lacene Manufacturing Company. (See Johnston, James W., assignor.)
- Lacey, Harry A., Schenectady, N. Y., assignor to General Electric Company. Manufacturing nozzle diaphragms and the like. 1,932,278; Oct. 24.
- La Champagne Watch Co., Louis Muller & Co. Ltd. (See Annen, Robert, assignor.)
- La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,920,990; Aug. 8.
- La Chapelle, Fred N., and F. C. Eastman, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 1,918,274; July 18.
- Lacher, Samuel, New York, N. Y. Slide fastener and concealing means therefor. 1,893,420; Jan. 3.
- Lacher, Samuel, New York, N. Y., assignor to Max Damm Company, Newark, N. J. Partition stop for luggage. 1,892,897; Jan. 3.
- Lachman, Arthur, Berkeley, Calif., assignor, by mesne assignments, to Vapor Treating Processes Inc. Removing acid from hydrocarbon vapors. 1,914,668; June 20.
- Lachowitz, Samuel, Brooklyn, and I. Shiffman, New York, N. Y. Wrist watch or similar article. Des. 89,710; Apr. 25.
- Lachter, Saul L., Irvington, N. J. Eyeglass case. Des. 90,095; June 6.
- Lack, Arnold, Beloit, Wis., assignor to H. H. Shockey, Chicago, Ill. Crank shaft. 1,901,175; Mar. 14.
- Lack, Fred S., Paducah, Ky., assignor, by mesne assignments, to Tray Service Company, Dallas, Tex. Serving tray. 1,908,988; May 16.
- Lack, Frederick R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillator. 1,915,368; June 27.
- Lackaye, Earle H., assignor to The Ault & Wiborg Company, New York, N. Y. Combination bottle package. Des. 91,073; Nov. 21.
- Lacke, William A., assignor, by mesne assignments, to Pullman Car & Manufacturing Corporation, Chicago, Ill. Furnace grate stoker control. 1,920,572; Aug. 1.
- Lackey, Robert M., Cohoes, N. Y. Locked box. 1,921,759; Aug. 8.
- Lackey, Robert M., Cohoes, N. Y. Box. 1,940,309; Dec. 19.
- Lackner, Ralph J., Ozone Park, N. Y. Hooked clamp. 1,899,162; Feb. 28.
- Lacks, Felix A., Pelham Manor, and E. C. Kennedy, New Haven, Conn.; said Kennedy assignor to said Lacks. Making hats. 1,906,212; Apr. 25.
- LaClair, Norman W., St. Paul, Minn. Snowplow. 1,923,444; Aug. 22.
- La Couture, Henry C., Kearney Township, Hudson County, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 89,082; Jan. 24.
- La Couture, Henry C., Kearney Township, Hudson County, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 90,323; July 18.
- La Couture, Henry C., Arlington, N. J., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 91,206; Dec. 19.
- Lacroux, Germaine. (See Pechin, Germaine.)
- Lacy, Burrirt S., Red Bank, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Producing carbon halides. 1,914,135; June 13.
- Lacy, Burrirt S., Red Bank, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Vaporization of formamid. 1,934,433; Nov. 7.
- Lacy, Kenneth B., Highland Park, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Distillation. 1,914,921; June 20.
- Lacy Oil Tool Company. (See Patterson, Edgar W., assignor.)
- Lacy, Rollo G. (See Simning, Roy B., assignor.)
- Lacy, Walter P., et al. (See Buchet, Conrad R., assignor.)
- Lacy, William G., et al. (See Buchet, Conrad R., assignor.)
- Ladd, Edward T., Niagara Falls, N. Y. Cleaning drain pipes with caustic alkali pellets. 1,928,226; Sept. 26.
- Ladd, Edward T., Lewiston, assignor to Isco Chemical Company, Inc., Niagara Falls, N. Y. Apparatus for making bleaching powder. 1,904,478; Apr. 18.
- Ladd, Lester L., Lockport, Ill. Kiln. 1,903,117; Mar. 28.
- Ladd, Lester L., Lockport, Ill. Kiln. 1,903,118; Mar. 28.
- Ladd, Lester L., Lockport, Ill. Kiln furniture. 1,903,119; Mar. 28.
- Laddon, Isaac M., Dayton, Ohio, assignor to Bendix Brake Company, South Bend, Ind. Wheel. 1,928,061; Sept. 26.
- Laddon, Isaac M., Dayton, and S. P. Lyon, Tippecanoe City, Ohio; said Laddon assignor to Bendix Aviation Corporation, South Bend, Ind., and said Lyon assignor to Bendix Brake Company, Chicago, Ill. Aeroplane running gear. 1,930,720; Oct. 17.
- Laddon, Isaac M., W. A. Ring, and F. W. Herman, Dayton, Ohio, assignors to Bendix Brake Company, Chicago, Ill. Controlling means. 1,919,520; July 25.
- La Delfa, Philip, Dansville, N. Y. Book support. Des. 90,490; Aug. 15.
- Lademann, William L., New York, N. Y. Outlet box support. 1,917,450; July 11.
- Lademann, William L., Bronx, N. Y. Box support. 1,930,242; Oct. 10.
- Ladenson, Nathan T. (See Kendall, Walter H., assignor.)
- Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 1,906,974; May 2.
- Ladewig, Archie E., and G. E. Soelch, Waukesha, Wis. Bottle washer. 1,911,370; May 30.
- Ladigo, Joseph, Struthers, O. Curtain stretcher. 1,920,573; Aug. 1.
- Ladrette, Jean, Peage de Roussillon, France, assignor to Du Pont Rayon Company, New York, N. Y. Treating spinnerets. 1,901,658; Mar. 14.
- LaDue, Russell M., Sioux City, Iowa. Conduit block making apparatus. 1,937,350; Nov. 28.
- LaDue, Russell M., Sioux City, Iowa. Forming cement. 1,937,898; Dec. 5.
- Laencher, Frederick W., Elmhurst, assignor to A. Kimball Company, New York, N. Y. Machine for operating upon a ticket strip. 1,897,201; Feb. 14.
- Laencher, Frederick W., Elmhurst, assignor to A. Kimball Company, New York, N. Y. Price tag. 1,916,002; June 27.
- Laencher, Frederick W., Elmhurst, assignor to A. Kimball Company, New York, N. Y. Lock seal. 1,916,003; June 27.
- Laencher, Frederick W., Elmhurst, assignor to A. Kimball Company, New York, N. Y. Tag. 1,932,372; Oct. 24.
- Laengel, Henri C., assignor to Société Anonyme Assuro, Paris, France. Automatic fire extinguisher. 1,909,837; May 16.
- Laengel, Henri C., assignor to Société Anonyme Assuro, Paris, France. Fire-extinguishing apparatus. 1,931,230; Oct. 17.
- Lafans, Walter S., Minneapolis, Minn. Optical illuminator. 1,927,520; Sept. 19.
- Lafayette Company, The. (See Watson, Edgar, assignor.)
- Lafayette, Edward, Pittsburg, Kans. Breaking rock and other hard minerals. 1,896,960; Feb. 7.

- Lafayette, Harvey E., Waukegan, Ill., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Coupling device. 1,920,408; Aug. 1.
- Lafayette Instruments, Inc. (See Shuster, Carl N., assignor.)
- La Fazan, Nick B., P. P. Tetnowski, and W. F. Tentnowski, Detroit, Mich. Coffee urn. 1,910,614; May 23.
- Lafferty, Arthur R., assignor to Burroughs Adding Machine Company, Detroit, Mich. Automatic sorting machine. 1,931,005; Oct. 17.
- Lafferty, Charles L., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Vacuum tube system. 1,935,156; Nov. 14.
- Lafferty, John F. Haddon Heights, N. J. Guard for truck chains. 1,903,120; Mar. 28.
- Lafferty, Robert C., New York, N. Y. Card receptacle. Des. 90,916; Oct. 24.
- Lafferty, Wheeler, Lakewood, Ohio. Method and apparatus for pollinating plants grown under glass. 1,923,217; Aug. 22.
- Laffoon, Carthrae M., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Stationary blower intake for large turbine generators. 1,896,749; Feb. 7.
- La Fontaine, Timothy J. (See Bobertz, G. H., Jr., and La Fontaine.)
- Lagaard, Alexander S. T., Minneapolis, assignor to J. W. Lennon, St. Paul, Minn. Egg case filler. 1,909,771; May 16.
- La Gaard, Alexander S. T., Minneapolis, assignor to The Fritz-Cross Company, St. Paul, Minn. Chair. 1,914,693; June 20.
- Laganas, George, Lowell, Mass. Shoe sole leveling and shaping machine. 1,939,784; Dec. 19.
- Laganas, George, Lowell, Mass. Shoe sole leveling, shaping, and securing machine. 1,940,597; Dec. 19.
- La Garde, Eugenie F., New Orleans, La. Bed accessory. 1,897,521; Feb. 14.
- Lagerblade, Herbert C. (See Judd, H. L., and Lagerblade.)
- Lagerblade, Herbert C., assignor to The Horton Manufacturing Company, Bristol, Conn. Celluloid covered metallic tube and making same. 1,921,929; Aug. 8.
- Lagerblade, Herbert C., assignor to Horton Manufacturing Company, Bristol, Conn. Golf club shaft. 1,921,930; Aug. 8.
- Lagerholm, Carl J., Attleboro, Mass. Atomizer. 1,934,359; Nov. 7.
- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Cigarette case. 1,930,854; Oct. 17.
- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Atomizer. 1,935,571; Nov. 14.
- Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Cigarette container construction. 1,937,120; Nov. 28.
- Lagerholm, Nils A., Jonkoping, Sweden. Collecting filled match boxes. 1,917,986; July 11.
- Lagneau, Victor, Tarnes, Belgium. Stove. 1,896,197; Feb. 7.
- Lagrange, Daniel and F. de Pape, Uccle, assignors to La Soudure Electrique Antogène, Société Anonyme, Brussels, Belgium. Fusible electrode for electric welding. 1,920,148; July 25.
- La Grange, William, Brooklyn, N. Y. Safety window seat. 1,894,878; Jan. 17.
- Lahay, Dell J., Carney, assignor to Universal Playground Equipment Company, Menominee, Mich. Roundabout. 1,896,796; Feb. 7.
- Laher, Frank J., Oakland, Calif. Spring construction. 1,934,767; Nov. 14.
- Laherty, Edward L., Minneapolis, assignor of forty-nine one-hundredths to D. B. Becker, St. Paul, Minn. Artificial hand. 1,929,926; Oct. 10.
- Lahey, Maurice S. (See Lahey, William F. and M. S.)
- Lahey, William F. and M. S., New Canaan, Conn. Screen and shade mounting. 1,908,989; May 16.
- Lahm, Adam H., New Butler, Wis. Artificial lure. 1,920,991; Aug. 8.
- La Hodney, William, Buffalo, N. Y. Combined mirror and timepiece. 1,906,628; May 2.
- La Hodney, William, Buffalo, N. Y. Combined mirror and timepiece. 1,906,629; May 2.
- La Hodney, William, Buffalo, N. Y. Combined mirror and timepiece. 1,906,630; May 2.
- La Hodney, William, Buffalo, N. Y. Combined mirror and timepiece. 1,924,997; Aug. 29.
- La Hodny, William. (See Bertell, P., and La Hodny.)
- LaHodny, William, Buffalo, N. Y. Combined rear view mirror and clock supporting bracket. 1,908,768; May 16.
- La Hodny, William, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Combined mirror and instrument. 1,897,849; Feb. 14.
- LaHodny, William, assignor to Standard Mirror Company Inc., Buffalo, N. Y. Combined mirror and instrument. 1,908,767; May 16.
- La Hodny, William, New York, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Combined mirror and instrument. 1,895,578; Jan. 31.
- Lahti, Almo J., Jyväskylä, Finland. Automatic firearm. 1,895,719; Jan. 31.
- Laible, Charles L., Fort Thomas, Ky., assignor of one-half to H. C. Mayers, Cleveland, Ohio. Arch supporting shoe. 1,927,666; Sept. 19.
- Laidlaw, Walter G., assignor to Kleen-Kap Corporation, Syracuse, N. Y. Bottle closure. 1,914,208; June 13.
- Lainau, Albert. (See Vorländer, D., and Lainau.)
- Laing, Gordon E., et al. (See Shaw, William N., assignor.)
- Laing, Peter, Twechar, Scotland. Variable speed gear. 1,911,156; May 23.
- Laing, William L., and F. Newell, Montreal, assignor to Dominion Bridge Company Limited, Lachine, Quebec, Canada. Sheave assembly. 1,910,173; May 23.
- L'Air Liquide, Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude. (See Etienne, A., Gosselin, and Du Chaffaut, assignors.)
- L'Air Liquide, Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude. (See Lantz, Henri, assignor.)
- L'Air Liquide, Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude. (See Le Rouge, Jean, assignor.)
- L'Air Liquide Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude. (See Picard, Charles, assignor.)
- L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude. (See Bethend, Joseph, assignor.)
- Laird, Alfred W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and system for leaching material. 1,929,927; Oct. 10.
- Laird, Lou D. (See Swope, C., and Laird.)
- Laird, Wilbur G., assignor to Heat Treating Company, New York, N. Y. Method and apparatus for treating oils. 1,894,355; Jan. 17.
- Laird, Wilbur G., assignor to Heat Treating Company, New York, N. Y. Refining oils. 1,900,862; Mar. 7.
- Laird, Wilbur G., assignor to Heat Treating Company, New York, N. Y. Apparatus for making gas. 1,906,470; May 2.
- Laird, Wilbur G., assignor to H. L. Doherty, New York, N. Y. Recovering gasoline and other hydrocarbon liquids from natural gas. 1,920,941; Aug. 1.
- Laird, Wilbur G., assignor to Heat Treating Company, New York, N. Y. Method and apparatus for treating oils. 1,926,009; Sept. 5.
- Laird, Wilbur G., assignor to Heat Treating Company, New York, N. Y. Process and apparatus for refining mineral oils. 1,940,955; Dec. 26.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Gas holder. 1,894,535; Jan. 17.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Gas holder. 1,894,536; Jan. 17.
- Laird, Wilbur G., Pleasantville, assignor to Doherty Research Company, New York, N. Y. Gas holder. 1,894,537; Jan. 17.
- Lake, Allan F., Oakland, Calif. Circuit making and breaking mechanism. 1,925,561; Sept. 5.
- Lake, Clair D. (See Page, R. E., and Lake.)
- Lake, Clair D., Binghamton, assignor to The Tabulating Machine Company, Endicott, N. Y. Transfer mechanism. 1,902,035; Mar. 21.
- Lake, Clair D., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record-controlled machine. 1,933,331; Oct. 31.
- Lake, Clair D., Binghamton, and G. F. Daly, Johnson City, assignors to The Tabulating Machine Company, Endicott, N. Y. Card reproducing machine. 1,914,263; June 13.
- Lake, Donald W., Chicago, Ill. Air heater. Re18,777; Mar. 28.
- Lake, Dyer B. (See Dunn, T. E., Lake, and Youd, E. T.)
- Lake, Fred L., Dallas, Tex. Flexible stem. 1,899,871; Feb. 28.
- Lake, Harry E., Brookline, Mass. Siphon breaker for oil burning systems. 1,920,647; Aug. 1.
- Lake, James Edward, Evanston, Ill. Aircraft. 1,916,956; July 4.
- Lake, Jarrett T., Wilmette, assignor to Economy Electric Devices Co., Chicago, Ill. Fuel metering apparatus. 1,918,606; July 18.
- Lake Erie Chemical Company. (See Ailes, Adrian S., assignor.)
- Lake Erie Chemical Company, The. (See Spring, Alva F., assignor.)
- Lakehurst, Albert, Brooklyn, N. Y., assignor to Lakewood Comet Aero Advertising Company, Lakewood, N. J. Parachute projecting device for airplanes. 1,900,399; Mar. 7.
- Lakeshire Cheese Company. (See Eckberg, Charles A., assignor.)
- Lakeside Malleable Castings Company. (See Osborne, William V., assignor.)
- Lakewest Corporation, The. (See Hawkins, Wilford J., assignor.)
- Lakewood Comet Aero Advertising Company. (See Lakehurst, Albert, assignor.)
- Lakewood Manufacturing Co. (See Roberts, Edward W., assignor.)
- Lakin, John W. (See Haskins, H. B., and Lakin.)
- Lakin, John W., Detroit, Mich., and H. C. Field, Windsor, Ontario, Canada, assignors to Terstedt Manufacturing Company, Detroit, Mich. Window regulator. 1,892,731; Jan. 3.

- Lakin-Smith, Clifford, Westminster, London, England. Plunger pump. 1,918,408; July 18.
- Lalancé & Grosjean Manufacturing Company. (See Burvenick, Benjamin, assignor.)
- La Londe, Orla, Wrightville, Quebec, Canada. Automatic friction clutch. 1,930,172; Oct. 10.
- Lalumier, Edward L. (See Conquest, V., Redemske, and Lalumier.)
- La Lux Manufacturing Company. (See Underwood, Western, assignor.)
- La Maida, Thomas, University Heights, Ohio. One-piece bathing suit. 1,894,920; Jan. 17.
- La Maida, Thomas, Cleveland, Ohio. Bathing suit. 1,918,650; July 18.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Fuse clip lock. 1,902,804; Mar. 21.
- La Mar, Frank C., New York, N. Y., assignor to Great Western Fuse Co. Inc., Pittsburgh, Pa. Electric fuse. 1,913,163; June 6.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Plug fuse. 1,921,392; Aug. 8.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Electric fuse. 1,935,453; Nov. 14.
- La Mar, Frank C., assignor to Great Western Fuse Company, New York, N. Y. Indicating plug fuse. 1,940,627; Dec. 19.
- La Marca, Patsy, Coraopolis, Pa. Shoe stretching last. 1,936,399; Nov. 21.
- La Marche, Norman O., Detroit, Mich. Syringe container and ejector. 1,921,034; Aug. 8.
- Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Cutting apparatus. 1,937,519; Dec. 5.
- Lamb, Charles M., Pasadena, Calif. Bed plate structure for printing machines. 1,910,111; Mar. 23.
- Lamb, Charles M., Pasadena, Calif. Sawing machine attachment. 1,940,310; Dec. 19.
- Lamb, Charles M., Pasadena, Calif., assignor to Line-O-Scribe, Inc., Adrian, Mich. Printing machine. 1,926,983; Sept. 12.
- Lamb, Edith L. N., assignor of one-half to J. Collins, New York, N. Y. Dish cleaner. 1,926,728; Sept. 12.
- Lamb, Francis X. (See Lederer, K. M., and Lamb.)
- Lamb, Guy R., Marion, Ky. Fisherman's implement. 1,934,132; Nov. 7.
- Lamb, Harry, Seattle, Wash., and T. A. Fee, jr., Vancouver, British Columbia, Canada, assignors to Illum Incorporated, Seattle, Wash. Metering-filling machine. 1,932,976; Oct. 31.
- Lamb, Harry C., Houston, Tex. Simulated racing game. 1,907,249; May 2.
- Lamb, Herbert W., Adrian, Mich. Preparing show cards. 1,927,290; Sept. 19.
- Lamb, Joseph F., assignor to Landers, Frary & Clark, New Britain, Conn. Coffee grinder. Des. 89,234; Feb. 7.
- Lamb, Joseph F., assignor to Landers, Frary, & Clark, New Britain, Conn. Percolator. 1,905,111; Apr. 25.
- Lamb, Judson D., Reno, Nev. Universal ratchet wrench. 1,905,388; Apr. 25.
- Lamb, Newton, Saginaw, Mich., assignor to The Dow Chemical Company. Amine hydrohalide manufacture. 1,929,950; Oct. 10.
- Lamb, Olo O., Dallas, Tex. Electrical baseball game. 1,909,772; May 16.
- Lamb, Ralph, Liverpool, assignor of one-half to J. W. White, Birkdale, England. Golf club. 1,897,264; Feb. 14.
- Lamb, Winthrop J. (See Webster, C. C., and Lamb.)
- Lambacher, Benjamin W., Independence, assignor to The Weaver-Wall Company, Cleveland, Ohio. Apparatus for applying fluent material. 1,906,471; May 2.
- Lambert, Albert L., Narberth, Pa., assignor to Heintz Manufacturing Company. Fin radiator. 1,895,287; Jan. 24.
- Lambert, Albert L., assignor to Heintz Manufacturing Company, Philadelphia, Pa. Latch for automobile doors. 1,902,172; Mar. 21.
- Lambert, Albert L. and F. M., Narberth, Pa., assignors to Heintz Manufacturing Company. Refrigeration. 1,934,864; Nov. 14.
- Lambert, Alvan R., Hollywood, Calif., assignor, by mesne assignments, to Burnett Walker, New York, N. Y. Wheel. 1,905,473; Apr. 25.
- Lambert, Alvan R., Hollywood, Calif., assignor, by mesne assignments, to B. Walker, New York, N. Y. Wheel. 1,929,501; Oct. 10.
- Lambert, Arthur, assignor to Cosmic Arts, Inc., New York, N. Y. Manufacture of potassium nitrate, etc. 1,915,428; June 27.
- Lambert, Arthur, assignor to Cosmic Arts, Inc., New York, N. Y. Treatment of complex solutions of salts. 1,924,503; Aug. 29.
- Lambert, Chandley W., Cleveland, Ohio. Automatic variable pitch propeller. 1,913,123; June 6.
- Lambert, Chandley W., Cleveland, Ohio. Automatic variable pitch propeller. 1,924,061; Aug. 22.
- Lambert, Chandley W., Cleveland, Ohio. Propeller hub. 1,927,592; Sept. 19.
- Lambert, Chandley W., Cleveland, Ohio. Automatic variable pitch propeller. 1,931,533; Oct. 24.
- Lambert, Charles F., Grosse Pointe Farms, assignor to Clayton and Lambert Manufacturing Company, Detroit, Mich. Spare wheel and tire cover assembly. 1,900,822; Mar. 7.
- Lambert, Douglas E. (See Leeson, B. H., Anderson, and Lambert.)
- Lambert, Douglas E. (See Leeson, B. H., and Lambert.)
- Lambert, Francis M. (See Lambert, Albert L. and F. M.)
- Lambert, Fred, jr. (See Lynn, H. E., and Lambert.)
- Lambert, Garrett, assignor of forty per cent to Tony Radali, Rock Springs, Wyo. Loading mechanism. 1,896,587; Feb. 7.
- Lambert, Gerard B., Princeton, N. J., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,906,631; May 2.
- Lambert, Henry C., Anthon, Iowa. Hack saw. 1,905,940; Apr. 25.
- Lambert, Herbert, Brooklyn, assignor to Kastar Specialty Mfg. Co., New York, N. Y. Foot Pedal attachment. 1,918,918; July 18.
- Lambert, Herbert, Brooklyn, assignor to Kastar Specialty Mfg. Co., Inc., New York, N. Y. Pedal pad. 1,918,919; July 18.
- Lambert, Homer T., Huntington, W. Va. Brake. 1,922,307; Aug. 15.
- Lambert, Homer T., Huntington, W. Va. Power driven swiveled wheel. 1,922,962; Aug. 15.
- Lambert, Homer T., Huntington, W. Va. Swiveled wheel and axle therefor. 1,938,030; Dec. 5.
- Lambert, John, assignor to National Sewing Machine Company, Belvidere, Ill. Disappearing machine bed plate support. 1,932,744; Oct. 31.
- Lambert, John Y., Syracuse, N. Y. Antiskid device for vehicle wheels. 1,912,714; June 6.
- Lambert, Louis F., Coatesville, Pa. Mushroom spawn culture. 1,938,541; Dec. 5.
- Lambert, Mabelle I., assignor of one-fourth to L. O. Miller, Jennings Lodge, Ore. Dispenser. 1,914,209; June 13.
- Lambert, Pierre, Somersworth, N. H. Support for picker sticks. 1,932,316; Oct. 24.
- Lambert, Russell A., Springfield, Mass. Display box. 1,934,312; Nov. 7.
- Lambert, Sven E., Stockholm, Sweden, assignor, by mesne assignments, to Electrolox Corporation. Vacuum cleaner. 1,897,060; Feb. 14.
- Lambert, Walter, and H. H. German, Montreal, Quebec, Canada. Ship construction. 1,911,625; May 30.
- Lambertus, Peter, E. H. Trimpe, and Kenneth G. Kountz, assignors to Acme Sales Corp., Indianapolis, Ind. Insect exterminator. 1,931,662; Oct. 24.
- Lamberty, Conrad H. H., assignor of one-half to Edward B. C. Woodbury, London, England. Producing composite sheets of safety glass. 1,899,621; Feb. 28.
- Lambooy, Maria P. J., Brussels, Belgium. Vanity case or the like. 1,911,906; May 30.
- Lamborn, Frederick J., and F. J. Ruppel, assignors to Chrysler Corporation, Detroit, Mich. Process and machine for manufacturing oscillating joints. 1,913,933; June 13.
- Lamela, Vincent F., Paterson, N. J., E. Pick, New York, N. Y., and W. S. Robertson, Madison, N. J., assignors to The Permutit Company, New York, N. Y. Faucet water softener. 1,912,943; June 6.
- Lamie, Ralph D. (See Reed, H. S., and Lamie.)
- Laminated Shim Co. (See Darrach, Bradford, jr., assignor.)
- Laminated Shim Co. (See Ederle, G. C., and Kelsey, assignors.)
- Laminating Patents Corporation. (See Dike, Theodore W., assignor.)
- Laminating Patents Corporation. (See Dike, T. W., and Cone, assignors.)
- Laminating Patents Corporation. (See Galber, Harry, assignor.)
- Laminating Patents Corporation. (See Merritt, E. R., and Stanley, assignors.)
- Laminating Patents Corporation. (See Merritt, L. G. and E. H., assignors.)
- Lamineck, W. E., Company. (See Holub, Charles J., assignor.)
- Lamlein, Edward C. (See Miller, Rudolph, assignor.)
- Lamley, William L., Lynwood, Calif. Eccentric. 1,907,326; May 2.
- Lamm, Uno, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Cooling device for anodes in metal vapor rectifiers. 1,894,593; Jan. 17.
- Lamme, Maurice A. (See Ford, B. K., and Lamme.)
- Lammers, Mark G. (See Lindemon, W. H., and Lammers.)
- Lammertse, Meindert. (See Snyder, R. W., and Lammertse.)
- Lammertse, Meindert, and J. Johnsen, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Machine for building flexible conduits. 1,906,320; May 2.
- La Mont Corporation. (See La Mont, Walter D., assignor.)
- Lamont, Boyd Neil Robert, Feltham, England, assignor to Simplifix Patents Limited, Teddington, Middlesex, England. Coupling for joining pipes, rods, wires, and the like. 1,903,926; Apr. 18.
- La Mont, Charles T., Milwaukee, Wis. Garment supporter. 1,913,934; June 13.
- Lamont, Dallas R., et al. (See Whittaker, James L., assignor.)

- Lamont, Dallas R., Brooklyn, N. Y., assignor to Colgate-Palmolive-Peet Company, Chicago, Ill., and The Procter and Gamble Company, Cincinnati, Ohio. Production of a soap product. 1,897,701; Feb. 14.
- Lamont, James H., assignor of one-half to J. Waugh, Edinburgh, Scotland. Pipe coupling. 1,920,512; Aug. 1.
- Lamont, John A., and F. A. Lorenz, Jr., assignor to American Steel Foundries, Chicago, Ill. Cast steel bottom drop door. 1,902,868; Mar. 28.
- La Mont, Walter D., Larchmont, assignor to La Mont Corporation, New York, N. Y. Steam generator for automotive vehicles. 1,920,907; Aug. 1.
- La Montagne Machine Company. (See La Montagne, Patrick P., assignor.)
- La Montagne, Patrick P., assignor to La Montagne Machine Company, Kankakee, Ill. Stocking and stocking web. 1,893,588; Jan. 10.
- La Montagne, Patrick P., assignor to La Montagne Machine Company, Kankakee, Ill. Knitting machine. 1,893,589; Jan. 10.
- La Motte, Henry, Minneapolis, assignor of one-half to H. Rondeau, Little Canada, Minn. Sewer cleaner. 1,915,679; June 27.
- Lampe, Herman F. G., Philadelphia, Pa. Apparatus for salvaging sunken vessels. 1,933,269; Oct. 31.
- Lampén, Aleksander, Imatra, Finland. Method and apparatus for removal of mechanical impurities from cellulose and other similar fiber pulps. 1,926,546; Sept. 12.
- Lampen- und Metallwarenfabriken R. Dittmar-Gebrüder Brunner A. G. (See Doman, Aladar, assignor.)
- Lampert, Lydia, assignor to Universal Form Clamp Co., Chicago, Ill. Individual bar chair. 1,917,529; July 11.
- Lamplugh, Henry A., Leamington, England. Seat. 1,916,056; June 27.
- Lampman, George W. (See Summers, C. E., and Lampman.)
- Lampman, George W., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve gear. 1,936,678; Nov. 28.
- Lampson, Curtis W. (See Willis, C. H., and Lamson.)
- Lampton, Glen T., Pittsburgh, Pa. Airplane propeller. 1,894,276; Jan. 17.
- Lamson Company, The. (See Allen, Lavont C., assignor.)
- Lamson Company, The. (See Beach, Albert L., assignor.)
- Lamson Company, The. (See Cutting, Clark T., assignor.)
- Lamson Company, The. (See Dupuy, Louis E., assignor.)
- Lamson Company, The. (See Gibbs, William J., assignor.)
- Lamson Company, The. (See Glahn, O. M., and Grassby, assignors.)
- Lamson Company, The. (See Jennings, Chester S., assignor.)
- Lamson Company, The. (See Jennings, C. S., and Allen, assignors.)
- Lamson Company, The. (See Jennings, C. S., and Dupuy, assignors.)
- Lamson Company, The. (See Jennings, C. S., and Libby, assignors.)
- Lamson Company. (See Keller, H. C., and Van Billiard, assignors.)
- Lamson Company, The. (See Klyver, Albert N., assignor.)
- Lamson Company, The. (See Libby, Charles R., assignor.)
- Lamson Company, The. (See Marcy, Willard A., assignor.)
- Lamson Company, The. (See Regan, John E., assignor.)
- Lamson Company, The. (See Schrader, Herbert E., assignor.)
- Lamson Company, The. (See Taisey, Fred R., assignor.)
- Lamson Company, The. (See Taylor, W. J., and Cutting, assignors.)
- Lamson Company, The. (See Vieau, Harold F., assignor.)
- Lamson, Horatio W., Arlington, assignor to General Radio Company, Cambridge, Mass. Sound ranging system. 1,901,342; Mar. 14.
- Lanagan, William M., Washington, D. C. Hand lever. 1,909,182; May 16.
- "La Nationale S. A." (See Feurer, Robert, assignor.)
- Lancaster Asphalt, Inc. (See Robinson, Thomas, assignor.)
- Lancaster, Charles R., Redwood City, Calif. Water dispenser. 1,927,521; Sept. 19.
- Lancaster, Claude, Spartanburg, S. C. Slasher hood. 1,920,870; Aug. 1.
- Lancaster Iron Works, Inc. (See Luce, Grafton E., assignor.)
- Lancaster Iron Works. (See Walker, Charles E., assignor.)
- Lancaster, John R., and J. B. Ward, Goldsboro, N. C. Safety device for roofers. 1,926,488; Sept. 12.
- Lancaster Processes, Inc. (See Robinson, Thomas, assignor.)
- Lance, William, Scranton, Pa. Clothesline hanger. 1,899,467; Feb. 28.
- Lanchester, Frederick W., Moseley, Birmingham, England. Loud speaker and like horn. 1,894,376; Jan. 17.
- Land, Charles H., Grosse Pointe, assignor to Mechanical Development Company, Detroit, Mich. Shock absorber. 1,893,625; Jan. 10.
- Land, Charles H., Grosse Pointe, and W. H. Wilson, Detroit, Mich. Coupling trailers to a tractor. 1,895,762; Jan. 31.
- Land, Charles H., Grosse Pointe, and W. H. Wilson, Detroit, Mich. Fifth wheel for connecting tractors to different types of trailers. 1,900,115; Mar. 7.
- Land, Edwin H., Norwich, Conn., and J. S. Friedman, Brookline, Mass., assignors to Norwich Research, Inc., New York, N. Y. Polarizing refractory bodies. 1,918,848; July 18.
- Land, Frank S. (See Licher, Frank, assignor.)
- Land, Homer C. (See Klinger, J. H., and Land.)
- Landahl, Eugene E., Fairmont, W. Va. Backstop for machinery. 1,908,905; May 16.
- Landauer, Leo L., Dallas, Tex. Air conditioning apparatus. 1,924,447; Aug. 29.
- Landaw, Oak, assignor to Mutschler Bros. Co., Nappanee, Ind. Table. 1,901,108; Mar. 14.
- Landberg, Frithiof. (See Dahlstrom, Arvid, assignor.)
- Landberg, Frithiof, et al. (See Dahlstrom, Arvid, assignor.)
- Landé & Miskend, Inc. (See Miskend, Herbert L., assignor.)
- Landecker, Max, Barmen, Germany. Molding powder and method of molding. 1,904,243; Apr. 18.
- Landecker, Max, Barmen, Germany. Plastic mass and making same. 1,904,244; Apr. 18.
- Landenberger, Henry W., and H. W. Link, assignors to American Fluid Motors Company, Philadelphia, Pa. Valve. 1,929,643; Oct. 10.
- Landenwich, Tony J. (See Colley, George F., assignor.)
- Lander, Gerald, Vineland, Ontario, Canada. Cream separator for milk bottles. 1,916,842; July 4.
- Landers, Charles, Lansing, Mich. Turning and boring machine. 1,899,700; Feb. 28.
- Landers, Charles, Lansing, assignor to General Motors Corporation, Detroit, Mich. Broaching machine. 1,916,516; July 4.
- Landers, Frary & Clark. (See Anderson, Oscar M., assignor.)
- Landers, Frary & Clark. (See Carlson, Frederick E., assignor.)
- Landers Frary & Clark. (See Juengst, F. W., and Anderson, assignors.)
- Landers, Frary & Clark. (See Lamb, Joseph F., assignor.)
- Landers, Frary & Clark. (See Warner, Alonzo A., assignor.)
- Landers, Glenn W., Shelton, Wash. Eyeglasses. 1,909,285; May 16.
- Landers, Hermann, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of ortho-nitro-phenyl-sulphones. 1,936,721; Nov. 28.
- Landess, Victor S. (See Hedeon, A., Holifer, and Landess.)
- Landin, Carl A., assignor to The Hart Manufacturing Company, Hartford, Conn. Switch. 1,916,675; July 4.
- Landing, Lars M., Glenwood, Minn. Mower for highways. 1,911,516; May 30.
- Landis and Gyr, A.-G. (See Bollmann, Karl, assignor.)
- Landis & Gyr, A. G. (See Fröhlich, H., and Spahn, assignors.)
- Landis & Gyr, A.-G. (See Hungerbühler, Paul, assignor.)
- Landis & Gyr, A.-G. (See Mettler, Josef, assignor.)
- Landis & Gyr, A. G. (See Moos, Paul, assignor.)
- Landis & Gyr, A.-G. (See Nehls, Herbert, assignor.)
- Landis & Gyr, A.-G. (See Pudelko, Riccard, assignor.)
- Landis & Gyr, A.-G. (See Vannini, Philipp, assignor.)
- Landis & Gyr, A.-G. (See Wenk, Juan, assignor.)
- Landis & Gyr, A. G. (See Wullschlegel, Albert, assignor.)
- Landis & Gyr, A.-G. (See Zenker, Arthur, assignor.)
- Landis, Hugh G., Los Angeles, Calif. Electric heater. 1,903,219; Mar. 28.
- Landis Machine Company. (See Mathias, Samuel W., assignor.)
- Landis Machine Company. (See Newman, Samuel F., assignor.)
- Landis Machine Company. (See Newman, S. F., and Harper, assignors.)
- Landis Machine Company. (See Newman, S. F., and Reimschuessel, assignors.)
- Landis Machine Company. (See Shearer, H. T., and Reimschuessel, assignors.)
- Landis Machine Company. (See Wolf, Eugene G., assignor.)
- Landis Tool Company. (See Balsiger, Harold E., assignor.)
- Landis Tool Company. (See Good, Harper A., assignor.)
- Landis Tool Company. (See Klay, Walter S., assignor.)
- Landis Tool Company. (See Miner, Harry H., assignor.)
- Landis Tool Company. (See Steiner, Amos P., assignor.)
- Landis Tool Company. (See Steiner, A. P., Balsiger, and Wine, assignors.)
- Landmeier, Edwin W. (See Kuhlman, Leo G., and Landmeier.)
- Landolt, Albert, Basel, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Producing fast tints on wool. 1,940,551; Dec. 19.
- Landolt, Joseph. (See Deamer, P. H., and Landolt.)
- Landon, Vernon D., Boonton, N. J., assignor to Westinghouse Electric & Manufacturing Company. Radio amplifier. 1,918,975; July 18.
- Landon, Vernon D., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Amplifying system. 1,930,523; Oct. 17.
- Landon, Vernon D., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Amplifying system. 1,940,869; Dec. 26.
- Landrock, Paul. (See Greene, J. S., and Landrock.)
- Landrum, John P., Birmingham, Ala. Transmission for outboard motors. 1,903,350; Apr. 4.

- Landrum, John P., assignor of one-half to P. R. McCormack, Birmingham, Ala. Airplane propeller. 1,903,623; Apr. 11.
- Landrum, William F., Kansas City, Kans. Cigarette dispenser and lighter. 1,912,779; June 6.
- Landry, George L. (See Heil, J. P., Eisenberg, jr., and Landry.)
- Landry, James M., Pawtucket, R. I. Headlight shield. 1,920,992; Aug. 8.
- Landsiedel, Harry, Norwood, Ohio, assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Calculating machine. 1,901,372; Mar. 14.
- Landsiedel, Walter W., Stamford, Conn., assignor to Remington Rand Incorporated, Buffalo, N. Y. Tally roll mechanism. 1,908,027; May 9.
- Landsittel, Frederick C., Columbus, Ohio. Bookholder. 1,916,576; July 4.
- Landsman, Wesley E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration damping device. 1,905,723; Apr. 25.
- Landy, Otto, Chicago, Ill. Ash tray. Des. 89,771; May 2.
- Land Y Plumbing Co. (See Dayton, Robert P. and O. J., assignor.)
- Lane, Alfred M., St. Louis County, Mo. Metallic sash. 1,936,631; Nov. 28.
- Lane, Augustus H. (See Cherry, L. A., Fuller, and Lane.)
- Lane Bryant, Inc. (See Weinstein, W., and Harris, assignors.)
- Lane, Charles K., Rockland, Mass. Athletic supporter. 1,920,648; Aug. 1.
- Lane, Clarence E., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustic apparatus. 1,913,451; June 13.
- Lane, Cuthbert C. (See Locke, G. A., and Lane.)
- Lane, Cuthbert C., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph exchange system. 1,909,838; May 16.
- Lane, Edwin, et al. (See Hamilton, Charles E., sr., assignor.)
- Lane, Enos H. (See Miller, E. F., Lane, and Tuley.)
- Lane, Franklin L., assignor to Yates-American Machine Company, Beloit, Wis. Mounting for direct motor drive sander drums. 1,915,323; June 27.
- Lane, Fred O., Indianapolis, Ind. Davenport. Des. 90,917; Oct. 24.
- Lane, Frederick H., Saitley, Birmingham, England, assignor to Dunlop Rubber Company Limited. Manufacture of rubber articles with mottled surface ornamentation. 1,915,828; June 27.
- Lane, George, New Haven, Conn. Method of visually recording sound beats. 1,921,470; Aug. 8.
- Lane, George, New Haven, Conn., assignor to Audio Cinema Incorporated, Long Island City, N. Y. Apparatus for making animated pictures. 1,919,735; July 25.
- Lane, George, New Haven, Conn., assignor to Audio Cinema, Inc., New York, N. Y. Motion picture film. 1,940,424; Dec. 19.
- Lane, George, New Haven, Conn., and J. E. Patterson, Poughkeepsie, N. Y. Apparatus for lens adjustment in double lens projection. 1,922,963; Aug. 15.
- Lane, George L., Ardmore, Pa. Court and traffic marker. 1,931,848; Oct. 24.
- Lane, George S., San Anselmo, Calif. Grooved plate for clutches and brakes. 1,898,978; Feb. 21.
- Lane, George S., Ridgewood, N. J. Clutch disk. 1,899,872; Feb. 28.
- Lane, George S., San Anselmo, assignor to Wallace Sheehan, San Francisco, Calif., as trustee. Clutch or brake mechanism. 1,912,715; June 6.
- Lane, George S., San Anselmo, assignor to Wallace Sheehan, San Francisco, Calif., as trustee. Clutch or brake mechanism. 1,912,716; June 6.
- Lane, George S., San Anselmo, assignor to W. Sheehan, San Francisco, Calif., trustee. Clutch or brake mechanism. 1,915,793; June 27.
- Lane, George S., San Anselmo, assignor to Wallace Sheehan, San Francisco, Calif. Friction clutch or brake. 1,936,240; Nov. 21.
- Lane, Henry D. (See White, James F., assignor.)
- Lane, Isaac J., Topeka, Kans. Mail pouch catching and delivering means. 1,894,315; Jan. 17.
- Lane, John F. (See Rood, L. C., Lane, and Frost.)
- Lane, Maurice W., Chicago, and C. W. Oakes, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Stacking tray. 1,915,369; June 27.
- Lane, Maurice W., Chicago, and S. A. Price, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Adapter for apparatus handling receptacles. 1,921,414; Aug. 8.
- Lane, Ralph C. (See Butler, A. M., and Lane.)
- Lane, Raymond A., Elmhurst, N. Y., assignor to Products Protection Corporation. Condenser construction. 1,913,553; June 13.
- Lane, Raymond A., Elmhurst, N. Y., assignor to Products Protection Corporation. Condenser construction. 1,926,051; Sept. 12.
- Lane, Raymond T., Bath, N. Y. Culvert. 1,935,273; Nov. 14.
- Lane, Thomas D. (See Grant, U. S., and Lane.)
- Lane, Thomas D., assignor to Economic Laboratory, Inc., St. Paul, Minn. Supply mechanism. 1,940,217; Dec. 19.
- Lane, Weldon V., Asbury Park, N. J. Vehicle signal. 1,922,592; Aug. 15.
- Lane, William D., assignor to Eggers-O'Flynn Company, Omaha, Nebr. Shipping basket. 1,934,983; Nov. 14.
- Lane, Wilton V., Guthrie, assignor of one-half to Zella M. Lane, Oklahoma City, Okla. Electrically heated wax spatula. 1,905,987; Apr. 25.
- Lane, Zella M. (See Lane, Wilton V., assignor.)
- Laneres, Jules, West Warwick, R. I., assignor to Stern Lace Co. Inc., New York, N. Y. Lace. Des. 90,324; July 18.
- Laney, Frederic H., Cadillac, Mich. Oil burner. 1,910,615; May 23.
- Lang, Albion S., Roslindale, Mass. Combined carrying case and holder for musical instruments. 1,900,718; Mar. 7.
- Lang, Arno, Treuenbrützen, assignor to the Firm Dr. Martin Böhme, Berlin, Germany. Differential pressure gauge for measuring flow of fluids in conduits. 1,900,823; Mar. 7.
- Lang, Edward J., Springfield, Ill. Cigarette package. 1,927,408; Sept. 19.
- Lang, Ernst F., Detroit, assignor of one-half to A. J. Maas, Wayne, Mich. Packing strip. 1,931,458; Oct. 17.
- Lang, Ferdinand, Alcott, Denver, Colo. Motor operated automobile steering machine. 1,939,453; Dec. 12.
- Lang, Ferdinand, Jefferson County, Colo. Motor operated steering machine. 1,939,454; Dec. 12.
- Lang, Franz, Munich, Germany, assignor to Lanova Aktiengesellschaft, Vaduz, Lichtenstein. Diesel engine. 1,937,655; Dec. 5.
- Lang, Frederick, Cincinnati, Ohio. Drag line excavator. 1,919,228; July 25.
- Lang, Gregory, Yuba City, Calif. Fruit picker's stilt. 1,905,112; Apr. 25.
- Lang, Gustave J., Longmeadow, assignor to American Bosch Magneto Corporation, Springfield, Mass. Magneto distributor construction. 1,892,802; Jan. 3.
- Lang, Henry T., Cleveland Heights, and H. A. Kroenlein, assignors to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Beater for vacuum cleaners. 1,919,067; July 18.
- Lang, Henry W., Lebanon, N. H. Gripping device for ladders. 1,909,620; May 16.
- Lang, Herbert H., Wilmette, assignor to Rite-Rite Mfg. Co., Chicago, Ill. Mechanical pencil. 1,923,153; Aug. 22.
- Lang, Hermann, Piesteritz, Bez. Halle-on-the-Saale, and W. Müller, Wittenberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of electrolytes. 1,918,477; July 18.
- Lang, Hubert. (See Brueshaber, M. W., and Lang.)
- Lang, John, Milwaukee, Wis. Antiglare headlight. 1,928,357; Sept. 26.
- Lang, Joseph. (See Jaack, W., and Lang.)
- Lang, Richard T., Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Method and apparatus for bringing paper stock onto the wire of a paper-making machine. 1,923,107; Sept. 26.
- Lang Transportation Company. (See Wheeler, Jesse, assignor.)
- Lang, William, assignor to The Bates Manufacturing Company, West Orange, N. J. Paper fastener. 1,914,513; June 20.
- Langbein, Gerhard. (See Eckert, W., Sieber, Greune, and Langbein.)
- Langbein, Gerhard. (See Greune, H., Eckert, Sieber, and Langbein.)
- Langbein, Harold W., Los Angeles, Calif. Brake tester. 1,894,405; Jan. 17.
- Langbein, Harold W., Los Angeles, Calif. Brake operating device. 1,907,835; May 9.
- Langbein, Harold W., Los Angeles, assignor of one-half to E. E. Macabee and E. L. Macabee, Hayward, and one-half to H. C. Schroeder, Oakland, Calif. Apparatus for measuring braking component. 1,920,263; Aug. 1.
- Langberg, Christian, and C. Wathne, Stavanger, Norway. Heating apparatus. 1,906,632; May 2.
- Langdon, Clarence P., Hydesville, Calif. Tractor attachment. 1,917,944; July 11.
- Langdon Engineering Corporation. (See Langdon, Jesse D., assignor.)
- Langdon, Frank E., Carshalton, England. Machine for issuing tickets. 1,920,085; July 25.
- Langdon, Jesse D., assignor to Langdon Engineering Corporation, Los Angeles, Calif. Indicator. 1,919,436; July 25.
- Langdon, Jesse D., Los Angeles, Calif. Combined helicopter and engine. 1,932,702; Oct. 31.
- Langdon, Jesse D., Los Angeles, Calif. Flush valve. 1,934,545; Nov. 7.
- Langdon, Robert S., Sumner, assignor to Pacific Car and Foundry Company, Seattle, Wash. Boom yarder. 1,918,409; July 18.
- Lange, Aage L., Copenhagen, Denmark. Heat consumption meter. 1,903,717; Apr. 11.
- Lange, Alfred R., Elizabeth, and F. B. Mason, New Providence, N. J., assignors to Swan-Finch Oil Corporation, New York, N. Y. Lubricating composition. 1,920,202; Aug. 1.
- Lange, Carl B. (See Merz, O. H., Arndt, and Lange.)
- Lange, Charles, Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Container for spools. 1,941,034; Dec. 26.

- Lange, Edward H., Baltimore, Md. Automobile clutch control system. 1,901,371; Mar. 14.
- Lange, Edward H., Baltimore, Md. Automatic power-control mechanism for automobiles. 1,915,099; June 20.
- Lange, Fritz. (See Brach, A. and Lange.)
- Lange, Fritz. (See Kropp, W., Lange, and Bohne.)
- Lange and Geilen. (See Kurze, Wilhelm, assignor.)
- Lange, George, Brooklyn, N. Y. Holder and needle for knitting machines. 1,916,676; July 4.
- Lange, Gustav M. (See Lange, Gustav W., and G. M.)
- Lange, Gustav W., and G. M. Lange, Buffalo, assignors to The Fowler and Union Horse Nail Company, Tonawanda, N. Y. Mail handling or transfer apparatus. 1,925,698; Sept. 5.
- Lange, Hans. (See Herzberg, W., and Lange.)
- Lange, Hans. (See Reddell, G., and Lange.)
- Lange, Hans. (See Schmidt, A., Balle, and Lange.)
- Lange, Henry, assignor to Quincy Stove Manufacturing Co., Quincy, Ill. Gas range. Des. 88,878; Jan. 3.
- Lange, Henry, assignor to Quincy Stove Manufacturing Co., Quincy, Ill. Cabinet type gas range. Des. 90,035; May 30.
- Lange, Johann F. H., assignor to Kampnagel Eisenwerk (vorm. Nagel & Kaemp) A. G., Hamburg, Germany. Jib crane. 1,908,028; May 9.
- Lange, Lawrence H., assignor to The General Engineering Company, Salt Lake City, Utah. Concentration of phosphate-bearing material. 1,914,694; June 20.
- Lange, Lawrence H., assignor to The General Engineering Company, Salt Lake City, Utah. Concentration of phosphate-bearing material. 1,914,695; June 20.
- Lange, Max, Frankfurt-on-the-Main-Hochst, Wilhelm Luce, Hofheim-on-Taunus, and T. Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogen substitution products of 2-hydroxynaphthalene-3-carboxylic acid and preparing them. 1,906,232; May 2.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Disazo-dyes. 1,896,450; Feb. 7.
- Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyes. 1,896,710; Feb. 7.
- Langen, Heinrich, Herbede-on-the-Ruhr, Germany. Spring. 1,935,364; Nov. 14.
- Langenberg, Frederick C., Edgewater Park, and H. S. Hunt and H. G. Reddick, Burlington, N. J., assignors to United States Pipe and Foundry Company. Hydraulic cement mortar and compounding the same. 1,908,636; May 9.
- Langenberg, Frederick C., Edgewater Park, and H. S. Hunt and H. G. Reddick, Burlington, N. J., assignors to United States Pipe and Foundry Company. Hydraulic cement mortar and compounding the same. 1,908,637; May 9.
- Langenberg, Frederick C., Edgewater Park, H. S. Hunt and H. G. Reddick, assignors to United States Pipe and Foundry Company, Burlington, N. J. Plasticized pitch compound and making the same. 1,911,131; May 23.
- Langenheim, Albert H., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Fence post. 1,895,670; Jan. 31.
- Langer, Harry, assignor to Associated Merchandising Corporation, New York, N. Y. Ensemble dress. Des. 89,899; May 16.
- Langer, Max, Berlin-Hermsdorf, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 1,929,592; Oct. 10.
- Langer, Max, Hermsdorf near Berlin, A. Scheunert, Berlin-Charlottenburg, and K. Wollack, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 1,925,261; Sept. 5.
- Langer, Nicholas, New York, N. Y., assignor of sixty-six and two-thirds per cent to J. Halmagyl, Budapest, Hungary. Electrical musical instrument. 1,937,389; Nov. 28.
- Langer, Rudolph J., assignor to Franklin Equipment Co., Monticello, Iowa. Fence post brace. 1,895,165; Jan. 24.
- Langewiesche, Wilhelm, Berlin-Tempelhof, assignor of fifty per cent to Radio Patents Corporation, New York, N. Y. High frequency transmitter. 1,916,843; July 4.
- Langfelder, John. (See Thomson, J. and Langfelder.)
- Langfelt, Einar, and R. Hellerud, Oslo, Norway. Extraction of emulsified, suspended, or dissolved substances from liquids by means of volatile solvents. 1,925,489; Sept. 5.
- Langford, George, assignor to McKenna Process Company, of Illinois, Joliet, Ill. Hot straightening. 1,914,439; June 20.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Reforming rail joint bars. 1,935,473; Nov. 14.
- Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Rail joint bar. 1,935,722; Nov. 21.
- Langford, George W., Ann Arbor, Mich. Economizer. 1,916,004; June 27.
- Langford, George W., and A. C. Barrows, assignors to Economy Baler Company, Ann Arbor, Mich. Heating furnace. 1,915,132; June 20.
- Langguth, Wilhelm, Bollingen in Wurttemberg, Germany. Tailless airplane. 1,924,996; Aug. 29.
- Langhammer, Karl, et al. (See Nobst, Georg, assignor.)
- Langhammer, Paul, assignor to Package Machinery Company, Springfield, Mass. Method and apparatus for wrapping articles. 1,915,499; June 27.
- Langheinrich, Hellmuth. (See Mittasch, A., Pier, Wietzel, and Langheinrich.)
- Langknecht, Henry J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Ophthalmic pad and manufacturing same. 1,924,070; Aug. 22.
- Langlang, Felomino V., et al. (See Pineda, U., and Anabisa, assignors.)
- Langley, Ralph H. (See Wacker, G. W., and Langley.)
- Langley, Ralph H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Radio tuning method. 1,897,312; Feb. 14.
- Langley, Ralph H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Variable condenser system. 1,939,856; Dec. 19.
- Langley, Ralph H., and G. W. Wacker, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Pick-up arm. 1,928,062; Sept. 26.
- Langley, Sam G. (See Smith, B. M., Langley, and Braun.)
- Langley, Sam G., Maplewood, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Brush-mounting means. 1,927,176; Sept. 19.
- Langlo, Oscar. (See Burke, Arthur R., assignor.)
- Langmeier, Arthur, Dover, N. J., assignor to Hercules Powder Company, Wilmington, Del. Dehydrating nitrocellulose and the product thereof. 1,901,561; Mar. 14.
- Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. Method and means for signal to aircraft. 1,936,400; Nov. 21.
- Langner, Heinrich. (See Biniek, G., Langner, and Dohle.)
- Langos, Otto A., assignor to Langson Manufacturing Co., Chicago, Ill. Toy. 1,930,450; Oct. 10.
- Langseth, John K. (See Standaal, B., and Langseth.)
- Langsner, Adolph, assignor to Eugen Dietzgen Company, Chicago, Ill. Slide rule. 1,894,294; Jan. 17.
- Langson Manufacturing Co. (See Langos, Otto A., assignor.)
- Langston, Samuel M., Co. (See Sieg, Karl, assignor.)
- Langstreth, Melon. (See Andrew, T. E., and Langstreth.)
- Langstroth, Clifford B., Plainfield, N. J., and E. M. Martin, New York, N. Y. Electric arc-welding electrode. 1,930,649; Oct. 17.
- Langton, Charles R., London, England. Receptacle for granular or pulverulent condiments for table use. 1,919,280; July 25.
- Langton, Charles R., London, England. Receptacle for granular or pulverulent condiments for table use. 1,921,471; Aug. 8.
- Langtree, Beatrice E. S., et al. (See Rice, Merrit H., assignor.)
- Langtree, George R., et al. (See Rice, Merrit H., assignor.)
- Langvand, Ivar L. (See Trainer, J. E., and Langvand.)
- Lanham, Colonel W., Chicago, Ill. Corn planter. 1,917,654; July 11.
- Lanham, Paul, Lanham, Md. Mechanical manograph. 1,935,508; Nov. 14.
- Lanier, Edward H., Covington, Ky. Aeroplane. 1,913,809; June 13.
- Lanier-Kirton Co. Inc. (See Kirton, Thomas A., assignor.)
- Lank, Clarence H., Brooklyn, N. Y. Water gauge. 1,925,145; Sept. 5.
- Lankelma, Herman P., assignor to The Standard Oil Company, Cleveland, Ohio. Gum inhibiting treatment of cracked petroleum distillates. 1,938,456; Dec. 5.
- Lannerd, Paul U. (See Collision, E. E., and Lannerd.)
- Lannerd, Paul U. (See Mitchell, J. R., and Lannerd.)
- Lannes, William J., sr., New Orleans, La. Harpoon. 1,913,810; June 13.
- Lanning, John G., Corning, N. Y. Power-driven unit for fluid-pressure systems. 1,931,164; Oct. 17.
- Lanning, Samuel W., New Lexington, Ohio. Aeroplane. 1,905,389; Apr. 25.
- Lanole, Louis A., Providence, R. I. Mechanical pencil. 1,910,552; May 23.
- Lanova Aktiengesellschaft. (See Lang, Franz, assignor.)
- Lanphier, Dale F. (See Carbuhrn, H. G., and Lanphier.)
- Laquetin, Roger, Neuilly-sur-Seine, France. Apparatus for indicating the ratio between the linear function of two temperatures. 1,938,074; Dec. 5.
- Lanser, Basil M., Sydney, New South Wales, Australia. Casting of printing furniture. 1,923,218; Aug. 22.
- Lansing, Charles B., assignor to The National Tile Company, Anderson, Ind. Tile setting machine. 1,941,404; Dec. 26.
- Lansing, Charles B., and R. H. Loudon, assignors to The National Tile Company, Anderson, Ind. Making tile. 1,941,403; Dec. 26.
- Lansing, Raymond P., Montclair, N. J. Internal combustion engine. 1,935,454; Nov. 14.
- Lansing, Raymond P., Montclair, N. J. Driving mechanism. 1,937,233; Nov. 28.
- Lansing, Raymond P., Montclair, N. J. Driving mechanism. 1,937,234; Nov. 28.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. Re19,020; Dec. 12.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Electrical apparatus. 1,895,837; Jan. 31.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Generator equipment. 1,898,973; Feb. 21.

- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,900,063; Mar. 7.
- Lansing, Raymond P., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pump. 1,905,941; Apr. 25.
- Lansing, Raymond P., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting apparatus. 1,905,943; Apr. 25.
- Lansing, Raymond P., Montclair, N. J., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake mechanism. 1,911,453; May 30.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,916,173; June 27.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Propeller. 1,920,086; July 25.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Hand starter. 1,925,193; Sept. 5.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Electrical apparatus. 1,929,372; Oct. 3.
- Lansing, Raymond P., Montclair, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine starting apparatus. 1,934,806; Nov. 14.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Firing mechanism. 1,935,123; Nov. 14.
- Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Spring starter. 1,936,554; Nov. 21.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,936,555; Nov. 21.
- Lansing, Raymond P., Montclair, assignor to Eclipse Machine Company, Elmira Heights, N. J. Current generating means. 1,939,608; Dec. 12.
- Lansing, Raymond P., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,940,356; Dec. 19.
- Lansing, Raymond P., Montclair, assignor to Bendix Research Corporation, East Orange, N. J. Weather screen. 1,941,179; Dec. 26.
- Lansing, Raymond P., East Orange, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,899,812; Feb. 28.
- Lansing, Raymond P., Montclair, and R. M. Nardone, Orange, assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 1,931,459; Oct. 17.
- Lansing, Raymond P., Montclair, and R. M. Nardone, Orange; said Nardone assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,937,235; Nov. 28.
- Lansing, Winton D. (See Van Schyndle, R. W., and Lansing.)
- Lansmith, William H. (See White, W., Petersen, and Lansmith.)
- Lanspa, Donald and W. M., Omaha, Nebr. Seat cover. 1,911,517; May 30.
- Lanspa, William M. (See Lanspa, Donald and W. M.)
- Lant, Richard, Vienna, Austria. Waterproofing and to the treatment of materials with a view to rendering them resistant to the action of atmospheric conditions. 1,896,002; Jan. 31.
- Lantiberg, David, and F. Stefandel, assignors to Wigly Candy Company, Inc., Brooklyn, N. Y. Method and apparatus for the formation of hollow articles. 1,898,252; Feb. 21.
- Lantiberg, David, and G. M. Jones, Brooklyn, assignors, by mesne assignments, to F. H. Frazier, New York, N. Y. Apparatus for the formation of hollow articles. 1,908,769; May 16.
- Lantz, Brice H., Porter Township, Porter County, Ind. Nonleaf holding rake. 1,927,873; Sept. 26.
- Lantz, Grover B. (See Altschuler, H. I., and Lantz.)
- Lantz, Henri, assignor to l'Air Liquide, Societe Anonyme Pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Separation of gaseous mixtures by liquefaction. 1,894,180; Jan. 10.
- Lantz, Morton D. (See Koch, W. N., and Lantz.)
- Lantz, Owen S., South Essex, Mass. Rudder mounting. 1,916,802; July 4.
- Lantz, Robert, assignor to Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis, Paris, France. Manufacture of diaminodiphenylsulphides. 1,933,217; Oct. 31.
- Lantz, Robert, Paris, and A. Wahl, Enghein, assignors of one-half to Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis, Paris, France. Preparation of azinic dyes. 1,935,849; Nov. 21.
- Lanz, Valentin. (See Henle, F., Meder, Lanz, and Privinsky.)
- Lanzetta, Anthony, New York, N. Y. Tandem wing aeroplane. 1,896,922; Feb. 7.
- Lanzillotti, Nicola A., and G. Gaudio, Los Angeles, Calif., assignors to Hollywood Stars Manufacturing Co. Cigarette holder. 1,931,732; Oct. 24.
- Lanzky, Frank L., assignor to The Champion Spring Company, Cleveland, Ohio. Adjustable back rest for beds. 1,902,249; Mar. 21.
- La Paugh, Louie T., and E. C. Shea, Oakland, Calif. Mortise gauge. 1,926,904; Sept. 12.
- Lapham, Marshall, assignor to Spiral-Rolled Products Company, Inc., New York, N. Y. Header. 1,914,514; June 20.
- La Piana, Frederick G. (See Bosland, H. S., and La Piana.)
- Lapidos, Robert H., Lakewood, Ohio, assignor to National Carbon Company, Inc. Primary electric cell. 1,922,483; Aug. 15.
- Lapidus, Morris, Long Island City, N. Y., assignor, by mesne assignments, to Charles Miller, Esq. Shoe. 1,922,051; Aug. 15.
- La Pierre, Camille. (See Brien, Joseph R., assignor.)
- La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Measuring instrument. 1,897,850; Feb. 14.
- Lapin, Bernard, assignor to Nevalost Manufacturing Company, Newark, N. J. Eraser and pencil holder attachment for typewriters. 1,899,509; Feb. 28.
- Laplant Choate Manufacturing Co. (See Shimerda, Carroll D., assignor.)
- Lapointe, Francis J., Ann Arbor, Mich. Hydraulic screw broaching machine. 1,929,593; Oct. 10.
- Lapointe, Francis J., Ann Arbor, Mich. Hydraulic broach machine. 1,937,121; Nov. 28.
- Lapointe, Francis J., Ann Arbor, Mich. Broach. 1,939,820; Dec. 19.
- Lapointe Machine Tool Company, The. (See West, Donald H., assignor.)
- Laport, Edmund A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Power tube supporting structure. 1,930,524; Oct. 17.
- Lapp, Edward, and A. Wolpert, Pittsburgh, and B. E. Shaw, Crafton, Pa. Gas valve mechanism. 1,897,061; Feb. 14.
- Lapp Insulator Company. (See Haynes, Stanley C., assignor.)
- Lapp Insulator Company. (See Jenner, Ralph L., assignor.)
- Lapp Insulator Company. (See Lapp, John S., assignor.)
- Lapp, John S., Leroy, N. Y., assignor to Lapp Insulator Company, Inc. 270° clamp. 1,901,349; Mar. 14.
- Lapp, William H., Ames, Iowa. Vaporizing apparatus. 1,922,771; Aug. 15.
- "La Precision Moderne." (See Le Prieur, Y. P. G., and Ricordel, assignors.)
- Lapsley, Howard G., Plainfield, N. J. Electric switch. 1,908,430; May 9.
- Lapsley, Robert, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 1,931,260; Oct. 17.
- Laquer, Fritz, and H. Weyland, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Hormone. 1,910,298; May 23.
- Larack, Frank A., New York, N. Y. Instep protector. 1,901,659; Mar. 14.
- La Radiotechnique. (See Ponte, Maurice, assignor.)
- Lard, Allan E., Washington, D. C., assignor to The Metallic Shaft Company, Wilmington, Del. Golf club. 1,895,417; Jan. 24.
- La Reau, Charles. (See Carpenter, E. W., La Reau, and Kellogg.)
- La Resistia Corset Company, The. (See Nickerson, Gertrude L., assignor.)
- Larew, Joel L. (See Holden, W. H. T., Jutson, and Larew.)
- Large, Fred R., Rochester, N. Y. Inside storm window. 1,911,232; May 30.
- Large, John T., et al. (See Hayne, Ernest S., assignor.)
- Large, Samuel R., assignor to The New Departure Manufacturing Company, Bristol, Conn. Antifriction bearing and seal. 1,917,987; July 11.
- Large, Samuel R., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing and guard therefor. 1,917,988; July 11.
- Large, Samuel R., assignor to The New Departure Manufacturing Company, Bristol, Conn. Antifriction bearing and mounting. 1,931,871; Oct. 24.
- Large, Sylvester B., Tamaqua, Pa. Detonator and composition for the same. 1,928,205; Sept. 26.
- Large, Sylvester B., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Detonator and composition for the same. 1,928,204; Sept. 26.
- Large, Sylvester B., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Detonator composition. 1,928,206; Sept. 26.
- Large, Sylvester B., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Detonator composition. 1,928,207; Sept. 26.
- Large, Sylvester B., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Safety detonator. 1,928,208; Sept. 26.
- Large, William H. (See Carruthers, Frederick B., assignor.)
- Lark-Horovitz, Karl, La Fayette, assignor to Purdue Research Foundation, West La Fayette, Ind. Process and device for cooling the animal body. 1,941,173; Dec. 26.
- Larkin, Dennis F., assignor to Larkin Specialty Manufacturing Co., San Francisco, Calif. Floor wax applicator. 1,899,392; Feb. 28.
- Larkin, Dennis F., assignor to Larkin Specialty Manufacturing Company, San Francisco, Calif. Wax applicator. 1,927,788; Sept. 19.

- Larkin, Fred V., Bethlehem, Pa. Testing device. 1,902,307; Mar. 21.
- Larkin, Fred V., Bethlehem, Pa. Drafting desk. 1,915,500; June 27.
- Larkin, John D., 3d, Buffalo, N. Y. Eye testing apparatus. 1,919,791; July 25.
- Larkin, John J., (See Dougherty, Charles F., assignor.)
- Larkin, John J., St. Louis, Mo. Well casing shoe. 1,904,317; Apr. 18.
- Larkin, Lester U., assignor to Larkin Refrigerating Corporation, Atlanta, Ga. Refrigeration system. 1,902,784; Mar. 21.
- Larkin Refrigerating Corporation, (See Larkin, Lester U., assignor.)
- Larkin Specialty Manufacturing Co., (See Larkin, Dennis F., assignor.)
- Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Trick wheel for knitting machines. 1,940,598; Dec. 19.
- Larkwood Silk Hosiery Mills, Inc., (See Sachsenmaier, Elwood W., assignor.)
- Larmuth & Bulmer Limited, (See Hughes, Thomas C., assignor.)
- La Rock, Pasqual, and S. Kuiken, Chicago, Ill., said La Rock, assignor to said Kuiken. Electrode holder. 1,935,802; Nov. 21.
- La Roque, Harold B., Upper Darby, Pa., assignor to General Electric Company. Control system. 1,899,575; Feb. 28.
- La Rosa, V. & Sons, Inc., (See Tanzi, Guido, assignor.)
- Larrabee, Arthur F., (See Faley, Lloyd T., assignor.)
- Larrabee, Clinton E., Binghamton, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Time stamp. 1,939,066; Dec. 12.
- Larowe-Suzuki Company, The, (See Masuda, Reisuke, assignor.)
- Larsen, Agnew E., (See Pitcairn, H. F., and Larsen.)
- Larsen, Agnew E., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft having sustaining rotors. 1,899,096; Feb. 28.
- Larsen, Agnew E., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft of the rotative-blade type. 1,917,530; July 11.
- Larsen, Alantser F., assignor to Aluminum Goods Manufacturing Co., Manitowoc, Wis. Egg cooking utensil. 1,938,185; Dec. 5.
- Larsen, Charles, Astoria, N. Y. Wind deflector shield. 1,922,964; Aug. 15.
- Larsen, Edith A., Chicago, Ill. Device for eliminating facial wrinkles. 1,901,248; Mar. 14.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing apparatus. 1,904,146; Apr. 18.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing machine. 1,904,147; Apr. 18.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Indicating and control device for material receiving apparatus. 1,904,869; Apr. 18.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing apparatus. 1,914,136; June 13.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling material. 1,920,203; Aug. 1.
- Larsen, Einer W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Door operating mechanism. 1,921,415; Aug. 8.
- Larsen, Elmer J., (See Blount, H., and Larsen.)
- Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Clip for pen or similar article. Des. 90,117; June 13.
- Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fastening clip for fountain pens, pencils, and the like and attaching means therefor. 1,923,269; Aug. 22.
- Larsen, Henry M., (See Kegl, Z. J., and Larsen.)
- Larsen, Lawrence W., assignor to Anslu Chemical Company, Marinette, Wis. Treating grains. 1,914,341; June 13.
- Larsen, Lawrence W., assignor to Anslu Chemical Company, Marinette, Wis. Apparatus for treating grains. 1,914,342; June 13.
- Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Chair. 1,928,939; Oct. 3.
- Larsen, Louis B., assignor to Acme Motion Pictures Projector Company, Chicago, Ill. Motion picture projector. 1,940,257; Dec. 19.
- Larsen, Louis G., Jersey City, N. J., assignor of one-half to G. Ramsey and one-fourth to D. Stern, New York, N. Y. Method and apparatus for recording and reproducing sound. 1,939,992; Dec. 19.
- Larsen, Louis H., Union City, N. J., assignor to Nixol Vending and Change Making Machines, Inc., New York, N. Y. Goods holding and dispensing unit. 1,898,192; Feb. 21.
- Larsen, Martin I., Chicago, Ill. Water heater. 1,900,451; Mar. 7.
- Larsen, Neil P., assignor to The American Coach and Body Company, Cleveland, Ohio. Reel. 1,915,133; June 20.
- Larsen, Neil P., Cleveland Heights, assignor to The American Coach & Body Company, Cleveland, Ohio. Hinge. 1,923,787; Aug. 22.
- Larsen, Werner R. B., Copenhagen, Denmark. Making films for natural color reception. 1,918,208; July 11.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Electric fan. 1,896,869; Feb. 7.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Electric fan. 1,939,399; Dec. 12.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Resettable fuse. 1,940,956; Dec. 26.
- Larsh, Everett P., Vandalia, assignor to The Master Electric Company, Dayton, Ohio. Pump unit. 1,940,957; Dec. 26.
- Larsh, Everett P., assignor to The Master Electric Company, Dayton, Ohio. Bearing mounting. 1,895,288; Jan. 24.
- Larsh, Everett P., near Dayton, assignor to The Master Electric Company, Dayton, Ohio. Producing motor armatures. 1,925,052; Aug. 29.
- Larsin, Josephine C., (See Seifner, Louis P., assignor.)
- Larson, Albert G., Piedmont, Calif. Spray gun. 1,906,975; May 2.
- Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process for the preparation of catalysts. 1,908,484; May 9.
- Larson, Alfred T., and W. E. Vail, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids from olefinic hydrocarbons, carbon monoxide, and steam. 1,924,765; Aug. 29.
- Larson, Alfred T., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalysts for the production of methanol and other carbon compounds. 1,939,708; Dec. 19.
- Larson, Alfred T., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 1,940,988; Dec. 26.
- Larson, Alfred T., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 1,940,989; Dec. 26.
- Larson, Algot, Elmhurst, assignor to Unique Balance Co., Chicago, Ill. Window sash balance. 1,910,112; May 23.
- Larson, Algot, Elmhurst, assignor to Unique Balance Co., Chicago, Ill. Window sash balance. 1,926,951; Sept. 12.
- Larson, Carl B., Maplewood, N. J., assignor to William C. Hammond, Kalamazoo, Mich. Grinding, polishing, or buffing machine. 1,908,029; May 9.
- Larson, Carl B., Maplewood, N. J., and W. C. Hammond, assignors to William C. Hammond, Kalamazoo, Mich. Expandable sprocket or pulley. 1,921,197; Aug. 8.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric hand lantern. 1,893,292; Jan. 8.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric hand lantern. 1,893,293; Jan. 3.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric hand lantern. 1,893,294; Jan. 3.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Signal lamp. 1,938,432; Dec. 5.
- Larson, Carl H., assignor to The Adlake Company, Elkhart, Ind. Electric hand lantern. 1,939,857; Dec. 19.
- Larson, David C., (See Lindquist, D. L., Dunn, and Larson.)
- Larson, Donald E., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating roof. 1,931,551; Oct. 24.
- Larson, Edwin C., assignor of one-half to J. F. Arnold, San Francisco, Calif. Airplane propeller mounting. 1,896,730; Feb. 7.
- Larson, George, (See Johnson, D., and Larson.)
- Larson, Harry A., Cokato, Minn. Hay loader. 1,936,603; Nov. 28.
- Larson, John M., assignor to National Regulator Co., Chicago, Ill. Humidity controller. 1,902,173; Mar. 21.
- Larson, John M., assignor to National Regulator Company, Chicago, Ill. Thermostatic controller. 1,919,337; July 25.
- Larson, John M., assignor to National Regulator Company, Chicago, Ill. Regulator. 1,931,663; Oct. 24.
- Larson, Julia N., (See Wolverton, Percy B., assignor.)
- Larson, Lewis, and B. B. Tutwiler, Drummond, Mont. Bull board for railway stock cars. 1,923,983; Aug. 22.
- Larson, Lewis A., et al., (See Soll, Arthur, assignor.)
- Larson, Louis, Katonah, N. Y. Pet's bed. Des. 89,646; Apr. 18.
- Larson, Louis, Oak Park, Ill. Air humidifying and washing apparatus. 1,908,030; May 9.
- Larson, Louis C., San Jose, Calif. Ironing board. 1,895,264; Jan. 24.
- Larson, Louie W., Chicago, Ill. Mothproof mohair. 1,918,849; July 18.
- Larson, Magnus C., and J. J. Volansky, Pottsville, Pa. Bearing. 1,940,756; Dec. 26.
- Larson, Sigrid, Portland, Oreg. Hose coupling. 1,904,061; Apr. 18.
- Larson, Sven P., Berkeley, Calif. Roll and bun splitter. 1,903,238; Mar. 28.
- Larson, Sven P., Berkeley, Calif. Pan greasing machine. 1,917,767; July 11.
- Larson, Sven P., Berkeley, Calif. Spray gun regulator. 1,926,293; Sept. 12.

- Larson, Uno L., Gary, Ind. Combination tree holder and general utility stool. 1,914,440; June 20.
- Larson, Winford P., Minneapolis, Minn., and M. Bye, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Therapeutic preparation. 1,936,456; Nov. 21.
- Larson, Winford P., Minneapolis, Minn., and M. Bye, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Therapeutic compound. 1,936,457; Nov. 21.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley tender. 1,923,314; Aug. 22.
- Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car coupler. 1,933,145; Oct. 31.
- Larsson, Johan E., Copenhagen, Denmark, assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitch marking device. 1,922,135; Aug. 15.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Leaching raw phosphate. 1,902,648; Mar. 21.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Producing ammonium sulphate. 1,902,649; Mar. 21.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Producing mixed fertilizers. 1,916,429; July 4.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Leaching phosphate rock. 1,916,431; July 4.
- Larsson, Markus, Berlin, Germany, assignor to Kunst-dünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Producing diammonium phosphate. 1,936,168; Nov. 21.
- Larsson, Thure, assignor to Norton Company, Worcester, Mass. Abrasive wheel mount. 1,920,204; Aug. 1.
- Larter, Warren R., South Orange, N. J. Necktie clasp. 1,914,641; June 20.
- Larter, Warren R., South Orange, N. J. Collar clasp. 1,918,275; July 18.
- Larue, Emile, Lausanne, Switzerland. Water pressure cleaner. 1,916,430; July 4.
- La Rue, Leo, and H. J. Heins, Jersey City, N. J. Apparatus for handling and dispensing loose milk. 1,908,031; May 9.
- Latzelere, Benton, Flint, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 1,913,204; June 6.
- Latzelere, Herman G., Orlando, Fla. Reinforced concrete construction. 1,911,626; May 30.
- Lasalco, Inc. (See Richards, H. J., and Hinton, assignors.)
- La Salle, George W., assignor to Hercules Motors Corporation, Canton, Ohio. Pump and ignition drive unit. 1,895,632; Jan. 31.
- Lasch, Albert, Cannstatt, and E. Strömer, Stuttgart, Germany, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Mixing machine. 1,936,248; Nov. 21.
- Lasco, George, Pittston, Pa. Air brake release valve. 1,929,174; Oct. 3.
- Lashar, Walter B., Fairfield, Conn., assignor to American Chain Company. Reinforced chain and making the same. 1,904,479; Apr. 18.
- Lashar, Walter B., Fairfield, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor blade package. 1,911,627; May 30.
- Lasiter, Roy. (See Forsyth, M. G., and Lasiter.)
- Laska, Leopold, and A. Werdermann, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivatives of the diphenylamine series and making same. 1,893,091; Jan. 3.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New azodyestuffs. 1,900,351; Mar. 7.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Carboxylic acid arylides of the benzene series and making same. 1,903,899; Apr. 18.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 1-hydroxy-anthracene-carboxylic acid and making it. 1,913,491; June 13.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and fiber dyed therewith. 1,914,441; June 20.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Para-hydroxy-diarylamino-carboxylic acids and making same. 1,915,429; June 27.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 1,915,430; June 27.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuff and fiber dyed therewith. 1,921,361; Aug. 8.
- Laska, Leopold, A. Zitscher, and W. Koch, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azodyestuff. 1,921,362; Aug. 8.
- Laska, Leopold, and J. Wolleemann, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Process for making 1,6-dibromo-2-hydroxy-naphthalene-3-carboxylic acid. 1,933,987; Nov. 7.
- Laska, Leopold, and A. Zitscher, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,934,807; Nov. 14.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Arylamino-2-hydroxy-naphthalene-3-carboxylic acids. 1,936,722; Nov. 28.
- Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Meta-hydroxyl-phenyl-arylamino carboxylic acids. 1,938,031; Dec. 5.
- Laska, Leopold, and B. Heyn, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and making same. 1,941,035; Dec. 26.
- Laske, Franz, Berlin-Steglitz, Germany. Paint for indicating heat. 1,924,793; Aug. 29.
- Lasker, Charles H., Joliet, Ill. Operating means for a crank press. 1,905,113; Apr. 25.
- Lasker, George, Chicago, Ill. Boiler. 1,906,633; May 2.
- Lasker, George, Chicago, Ill. Boiler. 1,914,922; June 20.
- Lasker, George, Chicago, Ill. Marine boiler. 1,919,521; July 25.
- Lasker, William W., jr., Brooklyn, N. Y. Carrying mechanism for tabulating machines. 1,925,262; Sept. 5.
- Lasker, William W., Brooklyn, assignor to Remington Rand Incorporated, New York, N. Y. Tabulating machine. 1,920,993; Aug. 8.
- Lasker, William W., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Pin basket for computing machines. 1,926,203; Sept. 12.
- Laskey, Rose D. (See Laskey, William B.)
- Laskey, William B., deceased, by R. D. Laskey, executrix, assignor to Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Method of and machine for producing candy units. 1,900,069; Apr. 25.
- Lasky, Mervyn C., Hollywood, Calif. Dental bridge. 1,941,096; Dec. 26.
- Lasley, Marshall, Chattanooga, Tenn. Treatment of ceramic materials and articles formed therefrom. 1,906,384; May 2.
- La Société dite: Société Nouvelle de Metallisation. (See Hedde, Marie C. R., assignor.)
- La Soudure Electrique Autogene, Ste. Ame. (See de Pape, Ferdinand, assignor.)
- La Soudure Electrique Antogene, Société Anonyme. (See Lagrange, Daniel, and De Pape, assignors.)
- Lasselle, Percy, Chicago, Ill., assignor, by mesne assignments, to The Permutit Company, New York, N. Y. Making base exchange materials for water softening. 1,906,163; Apr. 25.
- Lassen, Harry C., and H. Dahl, assignors to Food Manufacturing Corporation, San Jose, Calif. Method and apparatus for treating plants. 1,912,209; May 30.
- Lassen, Louis, Elizabeth, and W. Boehm, Roselle Park, N. J., assignor to Standard Oil Development Company. Chain pipe wrench. 1,919,593; July 25.
- Lassinsky, Morris, Brooklyn, N. Y. Vehicle door. 1,918,475; July 18.
- Lassmann, Willy. (See Rosenbach, J., and Lassmann.)
- Last, James, Carshalton, England. Torque conversion and transmission. 1,914,813; June 20.
- La Sosa, Salvatore J., and W. Sambur, Jamaica, N. Y. Kitchen cabinet. Des. 89,572; Apr. 4.
- La Sosa, Salvatore J., and W. Sambur, Jamaica, N. Y. Kitchen cabinet. Des. 89,573; Apr. 4.
- La Sosa, Salvatore J., and W. Sambur, Jamaica, N. Y. Kitchen cabinet. Des. 89,772; May 2.
- Laszlo, George. (See Gábor, F., Csutorás, and Laszlo.)
- Laterra, John, Paterson, N. J. Fabric expander. 1,935,033; Nov. 14.
- Latham Machinery Company. (See Metcalf, Irving R., assignor.)
- Lathe, Fred A., Oakland, assignor to G. Moulin, San Francisco, Calif. Rotatable turret camera back for exposing light sensitive photographic plates. 1,902,869; Mar. 28.
- Lathrop, Elbert C. (See Munroe, T. B., and Lathrop.)
- Lathrop, Elbert C., and F. A. Irvine, assignors to The Celotex Company, Chicago, Ill. Preservation of fibrous products. 1,935,196; Nov. 14.
- Lathrop, Elisha E., New York, N. Y. Change speed gearing. 1,924,559; Aug. 29.
- Lathrop, Harry D. (See Hageline, Emil E., assignor.)
- Lathrop, Harry D. (See McEwan, Charles F., assignor.)
- Lathrop, Harry D. (See Paulson, Walter H., assignor.)
- Lathrop, Harry D., Chicago, Ill. Cover loosening mechanism. 1,922,772; Aug. 15.
- Lathrop, Horace G. (See Tall, Alma F., assignor.)
- Lathrop Investment Corporation. (See Ricks, Hyrum, jr., assignor.)
- Latimer-Goodwin Chemical Company, The. (See Goodwin, Harry B., assignor.)
- Latimer, Homer H. (See Johnson, C. H. R., and Latimer.)
- Latimer, Kenneth E., Aldwyche, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Cable manufacture. 1,933,270; Oct. 31.

- Latimer, Walter, Detroit, Mich. Hoist mechanism. 1,912,149; May 30.
- Latou, William L., assignor of two-fifths to W. M. Floyd, Toronto, Ontario, Canada. Locking mechanism for handcuffs. 1,900,242; Mar. 7.
- Latsbaw, Elmer, assignor to The J. G. Brill Company, Philadelphia, Pa. Braking apparatus for car trucks. 1,896,961; Feb. 7.
- Latsbaw, Max, and W. L. Judefind, Berkeley, Calif., assignors to The Silica Gel Corporation, Baltimore, Md. Preparing catalytic gels. 1,935,188; Nov. 14.
- Lattarulo, Giovanni, assignor of ten per cent. to F. Di Bellis and twenty-five per cent. to M. Lattarulo, Chicago, Ill. Radiocabinet. Des. 90,664; Sept. 12.
- Lattarulo, Marcelene, et al. (See Lattarulo, Giovanni, assignor.)
- Lattia, Melvin T., Hillsboro, N. C. Tread block. 1,906,009; Apr. 25.
- Lattner, Emert J., Cedar Rapids, Iowa. Burner. Des. 90,160; June 20.
- Latzko, Johann, Vienna, and O. Plechl, Pfaffstatten, assignors to Oesterreichische Brown-Boveri Werke A. G., Vienna, Austria. Indicating and recording apparatus. 1,893,421; Jan. 3.
- Laub, Hans, Wilmersdorf, Germany. Heating system. 1,918,209; July 11.
- Laub, John G., assignor, by mesne assignments, of one-third to E. W. Splittstoser, one-third to W. E. Findlay, and one-third to F. W. Eckelberg, Minneapolis, Minn. Illuminated Christmas tree ornament. 1,925,328; Sept. 5.
- Laubi, Otto, assignor to the firm of Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Basel, Switzerland. Manufacturing artificial textiles. 1,933,019; Oct. 31.
- Laubi, Otto, assignor to Bozel-Maletra Societe Industrielle de Produits Chimiques, Paris, France. Preparation of alkali phosphates. 1,935,474; Nov. 14.
- Laucks, I. F., Inc. (See Eilertsen, L. W., Cone, Davidson, Laucks, and Banks, assignors.)
- Laucks, Irving F. (See Eilertsen, L. W., Cone, Davidson, Laucks, and Banks.)
- Laucks Laboratories, Inc. (See Rippey, Hugh F., assignor.)
- Laudensack, Albert F., assignor to Winchester Repeating Arms Company, New Haven, Conn. Manually-operated bolt-action firearm. 1,898,670; Feb. 21.
- Lauder, William, Elizabeth, Pa., assignor to Pittsburgh Coal Company. Apparatus for forepoling. 1,932,279; Oct. 24.
- Laudermilk, Jerome D., Claremont, assignor of one-half to Mrs. S. Golson Harrell, Los Angeles, Calif. Apparatus for determining the deviation of well holes and casings. 1,924,071; Aug. 22.
- Laue, Eric, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Sealing material for gas holders and using the same. 1,932,825; Oct. 31.
- Lauer, Carl E. (See Hall, F. W., and Lauer.)
- Lauer, Carl E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of grease. 1,912,001; May 30.
- Lauer, Carleton J., and H. R. McPhail, assignors to Kelvinator Corporation, Detroit, Mich. Ebullition initiator. 1,921,573; Aug. 8.
- Lauer, Léon N., Clichy Seine, assignor to Societe Anonyme des Etablissements Piganeau & Co., Sansjillon Clichy, Seine, France. Controlling device for brake cams. Re18,966; Oct. 10.
- Laufe, Henry C., Bogota, N. J. Shaving receptacle. 1,913,811; Jun. 13.
- Lauffer, Franz, Prague-Zizkov, Czechoslovakia. Toilet appliance. 1,929,951; Oct. 10.
- Lauffe, Charles W., Lakewood, Ohio. Trussed structure and method and shapes therefor. 1,927,442; Sept. 19.
- Lauffe, Charles W., Lakewood, Ohio. Apparatus for expanding trussed beams. 1,927,443; Sept. 19.
- Lauenstein, Carl F., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Heat treating malleable cast iron. 1,934,313; Nov. 7.
- Laufman, Benjamin, Newark, N. J., assignor to Mutual Brief Case Company, New York, N. Y. Traveling bag. 1,934,360; Nov. 7.
- Laughlin, Guy, Birmingham, Mich. Feed collet. 1,937,236; Nov. 28.
- Laughlin, William C., Glendale, Calif., assignor, by mesne assignments, to Filtration Equipment Corporation, New York, N. Y. Clarifier. 1,935,642; Nov. 21.
- Laughlin, William C., Glendale, Calif., assignor, by mesne assignments, to Filtration Equipment Corporation, New York, N. Y. Treating oil bearing sands. 1,935,643; Nov. 21.
- Laughlin, William C., Glendale, Calif., and A. B. Asch, assignors to The L. A. B. Company, New York, N. Y. Discharge apparatus. 1,904,062; Apr. 18.
- Laughlin, William C., Kew Gardens, and A. B. Asch, Brooklyn, assignors to Filtration Equipment Corporation, New York, N. Y. Cleaning sewage filter beds. 1,919,564; July 25.
- Laughlin, William C., Kew Gardens, and A. B. Asch, Brooklyn, assignors to Filtration Equipment Corporation, New York, N. Y. Cleaning sewage filter beds. 1,919,565; July 25.
- Laughlin, William C., Kew Gardens, and A. B. Asch, Brooklyn, assignors to Filtration Equipment Corporation, New York, N. Y. Sewage clarification tank and cleaning machine therefor. 1,919,566; July 25.
- Laughlin, William C., Kew Gardens, and A. B. Asch, Brooklyn, assignors to Filtration Equipment Corporation, New York, N. Y. Filter bed cleaning device for sewage clarification tanks. 1,919,567; July 25.
- Laulerback, David R., Jacksonville, Fla. Preventing frosting or condensation of moisture on glass or other surfaces. 1,934,133; Nov. 7.
- Laun, Henri J., Brooklyn, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,201; Feb. 7.
- Laundor, Ernie L. (See Segelhorst, A. L., and Laundor.)
- Launderville, Harold E., Ogdensburg, N. Y. Steam cooker. 1,903,310; Apr. 4.
- Laurenson, Robert M., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 1,916,764; July 4.
- Laurent, Milton P. (See Cummings, J. D., and Laurent.)
- Laurent, Terben. (See Vos, M., and Laurent.)
- Laurent, Terben. (See Lundell, T. A., and Laurent.)
- Laurent, Torben, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Line balancing circuit. 1,907,259; May 2.
- Laurent, Torben, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Loading coil box. 1,903,054; Mar. 28.
- Laurent, Torben, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electrical rectifying device. 1,930,758; Oct. 17.
- Laurent, Torben, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electrical network. 1,930,759; Oct. 17.
- Laurie, Kenneth S., Glossop, assignor to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of textile fabrics. 1,896,588; Feb. 7.
- Laursen, Laurits A., Akron, Ohio. Hot water bottle. 1,933,441; Oct. 31.
- Laury, Napoleon A. (See Beardsley, A. P., and Laury.)
- Laury, Napoleon A., Rockville Center, N. Y., assignor, by mesne assignments, to Howard B. Bishop, Summit, N. J. Manganese ore treatment. 1,932,413; Oct. 31.
- Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Sheet press and method. 1,907,204; May 2.
- Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Sheet press and method. 1,907,205; May 2.
- Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Disk valve water lock for pulp machines. 1,907,206; May 2.
- Laussucq, Henri P. L., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Sheet transfer method and apparatus. 1,907,207; May 2.
- Lauster, Franz, Berlin-Steglitz, Germany, assignor to General Electric Company. Temperature regulator. 1,919,068; July 18.
- Lauster, John J., St. Albans, N. Y., assignor to George T. Ritchings, Maplewood, N. J. Nonreusable coupling. 1,903,736; Apr. 11.
- Lautenberg, Anatolio, assignor to "Châtillon," Società Anonima Italiana per la Seta Artificiale, Milan, Italy. Manufacture of cellulose ethers, in particular benzylcellulose. 1,920,702; Aug. 1.
- Lautenschläger, Carl L., Frankfurt-on-the-Main, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Tubercle waxes and making them. 1,940,174; Dec. 19.
- Lautenschläger, Carl L., Frankfurt-on-the-Main, M. Bockmühl, G. Ehrhart, Frankfurt-on-the-Main-Hochst, and W. Krohs, Bad-Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hydrogenating polyhydroxy compounds and substance obtainable thereby. 1,915,341; June 27.
- Lauter, Werner M. (See Clifford, A. M., and Lauter.)
- Lauter, Werner M., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Antioxidant or age-retarder for rubber compounds. 1,928,735; Aug. 22.
- Lauterbur, Edward J. (See Lauterbur, F. X. and E. J.)
- Lauterbur, Edward J., and F. X. Lauterbur, deceased, Sidney, Ohio; W. S. and L. V. Lauterbur, executors. Proofing and baking apparatus. 1,938,294; Dec. 5.
- Lauterbur, Frank X. (See Lauterbur, Edward J. and F. X.)
- Lauterbur, Frank X. and E. J., Sidney, Ohio. Fuel supporting device for furnaces. 1,895,633; Jan. 31.
- Lauterbur, Frank X. and E. J., Sidney, Ohio. Dough molding machine. 1,895,634; Jan. 31.
- Lauterbur, Frank X. and E. J., Sidney, Ohio. Variable-speed mixing machine. 1,905,114; Apr. 25.
- Lauterbur, Frank X. and E. J., Sidney, Ohio. Mixing dough. 1,907,836; May 9.
- Lauterbur, Frank X. and E. J., Sidney, Ohio. Water softening system. 1,926,681; Sept. 12.
- Lauterbur, Leo V., et al., executors. (See Lauterbur, Edward J. and F. X.)
- Lauterbur, Wilhelmina S., et al., executors. (See Lauterbur, Edward J. and F. X.)
- Lauth, Edward J., Pittsburgh, and H. C. Bohnke, Carnegie, assignors to Superior Paper Products Company, Carnegie, Pa. Collapsible furniture toy. 1,930,173; Oct. 10.
- Lautman, Alfred J., Detroit, Mich. Mentholated talcum powder. 1,936,845; Nov. 28.
- Lautz, Carl F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Oscillatory joint. 1,912,780; June 6.

- Lautz, Carl F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link. 1,936,556; Nov. 21.
- Lautz, Carl F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Connecting link. 1,940,258; Dec. 19.
- Lautz, George B., jr., Buffalo, N. Y. Inkwell. 1,915,956; June 27.
- Laux, John P. (See Davis, D. W., and Laux.)
- L'Auxillaire des Chemins de Fer et de l'Industrie. (See Fiedler, Sébastien O. A., assignor.)
- Lava Crucible Company. (See South, F., jr., and Neuhausen, assignors.)
- Lava Crucible Company of Pittsburgh. (See White, Harold E., assignor.)
- La Vall, Inc. (See Dailey, Robert W., assignor.)
- La Valle, Inc. (See Grubs, Frank, assignor.)
- Lavallée, Paul. (See De Fligüé, W., and Lavallée.)
- Lavandera, Raul, Buenos Aires, Argentina. Supporting frame for winding mechanism. 1,902,370; Mar. 21.
- Lavarack, William H. B., Pine Bush, assignor to Railroad Accessories Corporation, New York, N. Y. Junction box. 1,899,510; Feb. 28.
- Lavarack, Frederick C., Montclair, N. J., assignor to Railroad Accessories Corporation, New York, N. Y. Relay rack. 1,919,166; July 18.
- Lavarack, Frederick C., Montclair, N. J., assignor to Railroad Accessories Corporation, New York, N. Y. Junction box. 1,923,939; Aug. 22.
- Lavaty, Otto J., Chicago, Ill. Garment button. Des. 90,856; Oct. 10.
- Lavelle, Thomas B., Hempstead, N. Y. Aircraft control means. 1,902,133; Mar. 21.
- Laven, Harris L., Brooklyn, N. Y. Time lag device. 1,896,904; Feb. 7.
- Lavender, Robert A., U. S. Navy. Storage battery ventilating plug. 1,920,261; Aug. 1.
- Laver, Anna, Philadelphia, Pa. Undergarment. 1,905,645; Apr. 25.
- La Vercombe, Harley H., Detroit, Mich. Combination electric cigarette lighter and dispenser. Des. 90,775; Sept. 26.
- Lavery, Henry C., Minneapolis, Minn. Anatomical measuring and recording machine. 1,897,941; Feb. 14.
- Lavery, Henry C., and F. P. White, Minneapolis, Minn. Psychological-test machine. 1,929,872; Oct. 10.
- Lavett, Charles O., assignor, by mesne assignments, to Buffalo Foundry & Machine Co., Buffalo, N. Y. Rotary drier. 1,919,229; July 25.
- Lavick, Samuel B., Chicago, Ill. Collar support. 1,919,661; July 25.
- Lavietes, Abraham H. (See MacAller, Cornelius J., assignor.)
- Lavietes, David P., Brooklyn, N. Y. Tobacco pipe. 1,936,060; Nov. 21.
- La Vigne, George J. (See Greist, H. M., and La Vigne.)
- Lavigne, Joseph P. (See Skillman, N., and Lavigne.)
- Lavigne, Joseph P., assignor, by mesne assignments, to O. & S. Bearing Co., Detroit, Mich. Adjustable shaft mounting and assembly. 1,924,072; Aug. 22.
- Lavoie, Louis, Quebec, Quebec, Canada. Outlet control for liquid containers. 1,904,793; Apr. 18.
- Lavoie, Stephen D., Winthrop, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Audio frequency transmission circuits. 1,931,664; Oct. 24.
- Law, Charles R., Mansfield, La. Pillow. 1,935,034; Nov. 14.
- Law, George H. (See Young, Charles O., and Law.)
- Law, Otis E., Brookfield, assignor to Allen Free-Wheeling Corporation, Chicago, Ill. Power-transmission mechanism. 1,930,454; Oct. 10.
- Law, William, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Rotary table grinding machine. 1,926,779; Sept. 12.
- Lawarrée, Henri, Brussels, Belgium. Manufacture of sodium bicarbonate. 1,928,540; Sept. 26.
- Lawler Automatic Controls, Inc. (See Lawler, James R., assignor.)
- Lawler, Frank P., San Francisco, Calif. Torque distributor. 1,920,994; Aug. 8.
- Lawler, Frank P., San Francisco, Calif. Torque distributor. 1,934,721; Nov. 14.
- Lawler, James J., Mount Vernon, N. Y. Automatic humidifying apparatus. 1,903,745; Apr. 11.
- Lawler, James J., Mount Vernon, N. Y. Automatic thermostatic radiator valve. 1,905,942; Apr. 25.
- Lawler, James J., Mount Vernon, N. Y. Valve construction. 1,934,314; Nov. 7.
- Lawler, James R., Glencoe, Ill., assignor, by mesne assignments, to Lawler Automatic Controls, Inc., Mount Vernon, N. Y. Radiator valve. 1,941,359; Dec. 26.
- Lawler, John M., Scarsdale, N. Y. Color key for article packages. 1,935,475; Nov. 14.
- Lawner, Nicholas. (See Duberstein, S., and Lawner.)
- Lawner, Nicholas, and S. Duberstein, assignors to American Sundries Co., Inc., Brooklyn, N. Y. Vaporizer. 1,913,124; June 6.
- Lawrence, A. C. Leather Company. (See Griffin, R. L., and O'Neill, assignors.)
- Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand mirror or the like. Des. 91,035; Nov. 14.
- Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand mirror or the like. Des. 91,037; Nov. 14.
- Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand mirror or the like. 91,038; Nov. 14.
- Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand mirror or the like. 91,039; Nov. 14.
- Lawrence, Cecil H., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Hand mirror or the like. Des. 91,040; Nov. 14.
- Lawrence, Elwood, et al. (See Davidson, Charles A., assignor.)
- Lawrence, Harry W., Denver, Colo. Electric light fixture. 1,904,901; Apr. 18.
- Lawrence, Harry W., Denver, Colo. Display device. 1,940,500; Dec. 19.
- Lawrence, Harry W., Denver, Colo., assignor to Jewellite Inc. Current conducting molding for ornamental lighting. 1,923,270; Aug. 22.
- Lawrence, J. C. (See Chamberlain, Martin T., assignor.)
- Lawrence, James E., Beverly, Mass. Rolling attachment for motor vehicles. 1,935,950; Nov. 21.
- Lawrence, Jay B., Glen Ellyn, assignor to American Decalcomania Company, Chicago, Ill. Decalcomania transfer. 1,906,909; May 2.
- Lawrence, John H. (See Murray, T. E., and Lawrence.)
- Lawrence, Leland E., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,927,346; Sept. 19.
- Lawrence Paper Company. (See Brown, W., and Marshall, assignors.)
- Lawrence Paper Company. (See Hill, Irving, assignor.)
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Condensation product of cinchona bark alkaloids with thiuram sulphides as inhibitors. 1,905,915; Apr. 25.
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making flaked lead acetate. 1,911,907; May 30.
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Aldehydeamine cinchona bark alkaloid inhibitors. 1,923,055; Aug. 15.
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Condensation product of cinchona bark alkaloids with thiuram sulphides. 1,923,056; Aug. 15.
- Lawrence, Ralph E., Wickliffe, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Aldehydeamine cinchona bark alkaloid condensation product. 1,923,057; Aug. 15.
- Lawrence, Walter L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulation system. 1,923,543; Aug. 22.
- Lawrence, Winthrop S., Brooklyn, assignor to Kaumagraph Company, New York, N. Y. Transferring designs and transfer composition. 1,893,626; Jan. 10.
- Lawrence, Winthrop S., Brooklyn, assignor to Kaumagraph Company, New York, N. Y. Transfer and transfer composition. 1,899,420; Feb. 28.
- Lawrence, Winthrop S., assignor to Kaumagraph Company, New York, N. Y. Transfer. 1,894,774; Jan. 17.
- Lawrence, Winthrop S., Rego Park, assignor to Kaumagraph Company, New York, N. Y. Transfer and making the same. 1,939,821; Dec. 19.
- Lawrie, James W., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acetic acid manufacture from glycerol fermentation residues. 1,909,183; May 16.
- Lawser, Charles W., Bala, assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Gear pump. 1,897,560; Feb. 14.
- Lawshe, Errol R., Rutherford, assignor to Becton, Dickinson & Co., East Rutherford, N. J. Injection device. 1,892,803; Jan. 8.
- Lawson, Albert R., Hamilton, Ontario, Canada. Manufacturing sales book. 1,918,045; July 11.
- Lawson, Albert R., Hamilton, Ontario, assignor to Toronto Type Foundry Company, Limited, Toronto, Canada. Manufacturing sales book. 1,912,717; June 6.
- Lawson, Alden B. (See Gibbs, C. E., and Lawson.)
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoes. 1,914,442; June 20.
- Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pivotal connection. 1,935,850; Nov. 21.
- Lawson, Gottfried C., assignor to The United Metal Products Company, Canton, Ohio. Welding. 1,901,176; Mar. 14.
- Lawson, Harry B. (See Nye, Alvin F., assignor.)
- Lawson, John and R. H., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Effecting reverse plating. 1,897,130; Feb. 14.
- Lawson, John F., Brooklyn, N. Y. Direct current welding. 1,936,061; Nov. 21.
- Lawson, John F., Brooklyn, N. Y., assignor, by mesne assignments, to Steel and Tubes, Inc. Flying saw. 1,936,331; Nov. 21.

- Lawson, John F., Brooklyn, N. Y., assignor to Steel and Tubes, Inc. Bending and apparatus therefore. 1,936,765; Nov. 28.
- Lawson, John R., Denver, Colo. Coal cutter. 1,892,844; Jan. 3.
- Lawson, John W. (See Critchfield, R. M., and Lawson.)
- Lawson, Oscar L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,912,150; May 30.
- Lawson, Oscar L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Clutch. 1,930,482; Oct. 17.
- Lawson, Robert H. (See Lawson, John and R. H.)
- Lawson, Robert H. (See Smith, W. L., and Lawson.)
- Lawson, Robert H. (See Smith, W. L., Jr., and Lawson.)
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Method and mechanism for knitting full-fashioned hosiery. 1,897,131; Feb. 14.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machines. 1,918,762; July 18.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in operating upon the bottoms of boots and shoes. 1,907,837; May 9.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 1,923,154; Aug. 22.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe holder. 1,932,551; Oct. 31.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Staple forming mechanism. 1,937,825; Dec. 5.
- Lawson, Robert H., Pawtucket, and A. Gagné, assignors to Hemphill Company, Central Falls, R. I. Needle bed. 1,899,278; Feb. 28.
- Lawson, Thomas M., Indianapolis, Ind., assignor to National Renovating Machine Manufacturing Corporation. Oil separator. 1,931,764; Oct. 24.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester of dibasic acid. 1,909,196; May 16.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polybasic acid-polyhydric alcohol ether resin and preparing same. 1,909,197; May 16.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sorbitol ethers. 1,936,093; Nov. 21.
- Lawson, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 1,938,662; Dec. 12.
- Lawson, William E., Westfield, N. J. Razor blade container. 1,912,531; June 6.
- Lawson, William L. (See Di Girolamo, M., Knaub, and Lawson, assignors.)
- Lawton, Edward. (See Moretti, Henry, assignor.)
- Lawton, Robert B. (See Johnson, J. F., and Lawton.)
- Lawton, Robert B., assignor to Weber Costello Co., Chicago Heights, Ill. Grooved supporting fork for globes. 1,897,580; Feb. 14.
- Lay, Joseph C., Rosiclare, Ill. Air gun. 1,894,879; Jan. 17.
- Laycock, John N., Port au Prince, Haiti. Sealing gasket. 1,918,478; July 18.
- Laycock, Kenneth G., Shavertown, Pa., assignor to Goss Printing Press Company, Chicago, Ill. Web controlling mechanism. 1,904,870; Apr. 18.
- Layer, Frank C., Algonquin, Ill. Brick hacking apparatus. 1,900,243; Mar. 7.
- Layton, Arthur J., assignor of one-half to Raymond D. Hart, Lowell, Mass., Portable crane. 1,920,989; Aug. 8.
- Laymon, Herman B. (See Walters, David B., assignor.)
- Laymon, Herman B., Spencer, Ind. Corn product and making same. 1,895,166; Jan. 24.
- Layne, Joseph W., assignor to The Roloway Manufacturing Company, Higginsville, Mo. Rake. 1,923,381; Aug. 22.
- Laying, Thomas E. (See Parr, S. W., and Laying.)
- Laying, Thomas E., Urbana, Ill., and M. A. Youker, Wilmington, Del., assignors to Ellis-Foster Company. Improving the quality of transformer oils. 1,922,103; Aug. 15.
- Layton, Lowder T. (See Lodge, Edwin W., assignor.)
- Lazarides, Thrasybule D., New York, N. Y. Locking closure. 1,926,204; Sept. 12.
- Lazarus, Louis M., Brooklyn, N. Y. Attachment plug. 1,906,976; May 2.
- Lazarus, Louis M., Brooklyn, N. Y., assignor of one-half to A. Abramson. Attachment plug. 1,929,175; Oct. 3.
- Lazarus, Peter L., St. Louis, Mo. Support for millinery. 1,928,292; Sept. 26.
- Lazich, Branko, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 1,932,020; Oct. 24.
- Lazier, Wilbur A. (See Arnold, H. R., and Lazier.)
- Lazier, Wilbur A. (See Taylor, H. S., and Lazier.)
- Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation process. 1,895,515; Jan. 31.
- Lazier, Wilbur A., Elmhurst, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process of producing ketones. 1,895,516; Jan. 31.
- Lea, Edward S. (See Carrier, W. H., and Lea.)
- Lea Fabrics, Inc. (See Buffington, Malcolm, assignor.)
- Lea Fabrics Inc. (See Smith, Paul S., assignor.)
- Lea, James B., Vancouver, British Columbia, Canada. Hose reel. 1,908,852; May 16.
- Leach, Albert E., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Gear shift lock. 1,897,851; Feb. 14.
- Leach Company. (See Hamren, Eric O., assignor.)
- Leach, Edgar J., Janesville, Wis., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pilot light controlled safety valve. 1,905,414; Apr. 25.
- Leach, Henry G., Red Bank, N. J., assignor to Electrical Industries Manufacturing Company, New York, N. Y. Watchman's tour signal system. 1,937,279; Nov. 28.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Tarnish resistant alloy. 1,896,410; Feb. 7.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,899,701; Feb. 28.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,899,873; Feb. 28.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,921,416; Aug. 8.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,921,417; Aug. 8.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,921,418; Aug. 8.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,921,760; Aug. 8.
- Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. 1,928,429; Sept. 26.
- Leach, Robert W., Newport, England. Valve or cock. 1,937,122; Nov. 28.
- Leach, Robert W., and W. H. Bateman, Newport, England. Valve. 1,896,778; Feb. 7.
- Leach, William W., assignor of one-sixth to F. A. Davey, one-sixth to J. G. Davey, and one-sixth to J. Davey, Mansfield, Ohio. Method and apparatus for treating steel sheets. 1,914,642; June 20.
- Leaf, Irvin, and F. S. Kirby, Baltimore, Md., assignors to R. Sergeson and Company, Philadelphia, Pa. Shuttle. 1,912,781; June 6.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice cream cone. Des. 90,623; Sept. 5.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice cream cone. Des. 90,624; Sept. 5.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice cream cone. Des. 90,951; Oct. 31.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice cream cone. Des. 91,139; Dec. 5.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice-cream cone. Des. 91,207; Dec. 19.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice-cream cone. Des. 91,241; Dec. 26.
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Ice cream sandwich. 1,899,511; Feb. 28.
- Leagan, John H. (See York, D. H., and Kincaid, assignors.)
- Legum Corporation of Delaware. (See Pierson, Willett C., assignor.)
- Leahy, Thomas F., assignor to Poughkeepsie Coil Company, Poughkeepsie, N. Y. Decorative article. 1,927,985; Sept. 26.
- Leahy, Herbert V., Los Angeles, Calif. Atomizing oil burner head. 1,925,329; Sept. 5.
- Leahy, James F., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Gear cutter. 1,926,645; Sept. 12.
- Leahy, James F., Kenmore, assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Gear cutter. 1,926,646; Sept. 12.
- Leahy, Leroy J. (See Anderson, Victor R., assignor.)
- Leahy-McNeely Co. (See Leahy, Richard A., assignor.)
- Leahy, Richard A., assignor to Leahy-McNeely Co., Ltd., Long Beach, Calif. Pressure bailer. 1,910,616; May 23.
- Leak, Arthur H. (See Nutt, A., Leak, and Chisholm, Jr.)
- Leake, Arthur G., Bridgeport, Conn. Renewing column bases. 1,906,634; May 2.
- Leake, Richard C., assignor to General Railway Signal Company, Rochester, N. Y. Train control system. 1,901,754; Mar. 14.
- Leal, Hugh, Windsor, Ontario, Canada, assignor to I. A. Young Spring & Wire Corporation, Detroit, Mich. Helical cross tie. 1,933,914; Nov. 7.
- Leamon, William G., New York, N. Y. Heating apparatus and controlling temperatures therein. 1,933,020; Oct. 31.
- Leamy, Alan H., Auburn, Ind., assignor to Manning & Co., Chicago, Ill. Running board for automobiles. 1,896,797; Feb. 7.
- Lean, Henry J., Irene, near Pretoria, Transvaal, assignor to Universal Patents (Proprietary) Limited, Pretoria, South Africa. Spring balancing device for sliding sash windows and the like. 1,909,588; May 16.
- Leaper, Joseph M. (See Patch, R. H., and Leaper.)
- Leaper, Joseph M. F. (See Hess, R. W., and Leaper.)
- Leaper, Thomas D. (See Thomas, G. F., and Leaper.)
- Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Blowing device for pneumatic tools. 1,902,562; Mar. 21.
- Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Safety device for rock drills. 1,905,474; Apr. 25.

- Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Gear motor. 1,908,370; May 9.
- Leary, Eugene A., Cincinnati, Ohio. Connecting ring. 1,921,978; Aug. 8.
- Leas, Warren R., Wyoming, assignor of one-third to S. Shannon, Forty Fort, and one-third to F. Hopper, Wyoming, Pa. Envelope. 1,928,180; Sept. 28.
- Leash, George M., New Westminster, British Columbia, Canada. Fence gauge for saws. 1,911,628; May 30.
- Leash, H. E. (See Leash, Kenneth H., assignor.)
- Leash, Kenneth H., assignor to H. E. Leash, Oakland, Calif. Windmill. 1,917,655; July 11.
- Leaside Engineering Co. Limited. (See Jackson, M. B., and Clipsham, assignors.)
- Leask, John P., Glenbrook, Conn., and A. W. Anderson, Los Angeles, Calif., assignors to Peabody Engineering Corporation. Panel front register and wind box. 1,907,838; May 9.
- Leather, Fitzherbert, Seattle, Wash. Dispensing device for granular material in sealed cans or containers. 1,938,147; Dec. 5.
- Leather Cloth Company, The. (See Bandi, Martin, assignor.)
- Leatherdale, William T., and W. J. Wilson, Toronto, Ontario, Canada. Holder for edibles and general merchandise. 1,933,862; Nov. 7.
- Leatherless Plunger Pump Corporation. (See Ruthven, Albert F., assignor.)
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Vacuum cleaner filter valve. 1,902,333; Mar. 21.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Double filter for vacuum cleaners. 1,904,690; Apr. 18.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Hand vacuum cleaner. 1,916,005; June 27.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Filter and dirt disposal for electric push brooms. 1,916,006; June 27.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Bagless vacuum cleaner. 1,929,025; Oct. 3.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Vacuum cleaner. 1,937,765; Dec. 5.
- Leathers, Ward, Haworth, N. J., assignor to The Quadrex Corporation. Divided filter. 1,937,766; Dec. 5.
- Leavitt, Robert K., Greenburgh, N. Y. Raincoat. 1,898,015; Feb. 21.
- Leavitt, Roger P., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic edge printing apparatus. 1,897,908; Feb. 14.
- Leavstrom, Leonard C., New Haven, Conn. Figure toy. 1,932,346; Oct. 24.
- Lebach, Hans, and J. K. Wirth, assignors to Säureschutz Gesellschaft m. b. H., Berlin-Altiglienicke, Germany. Production of molded articles from plastic compositions. 1,917,451; July 11.
- Le Bailly, Andrew R., assignor to Sargent & Lundy, Chicago, Ill. Spring support. 1,893,295; Jan. 3.
- Lebanon Steel Foundry. (See Wheeler, K. V., and Bensing, assignors.)
- Le Barbier, Emile P. L., Nice, France. Stereoscopic photography. 1,911,320; May 30.
- Lebau, Louis, Pittsburgh, Pa. Electric radiant heater. 1,910,113; May 23.
- Lebau, Louis, Pittsburgh, Pa. Electric radiant range. 1,910,700; May 23.
- Lebau, Louis, Pittsburgh, Pa. Electric radiant heater. 1,910,701; May 23.
- Le Beau, Ernest A., assignor to Chicago Railway Equipment Company, Chicago, Ill. Sliding door structure. 1,935,882; Nov. 21.
- Lebedeff, Yuri E. (See Betterton, J. O., and Lebedeff.)
- Lebel, Henry, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint Gobain, Chauny & Crey, Paris, France. Apparatus for annealing glass. 1,895,547; Jan. 31.
- Lebel, Henry, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint Gobain, Chauny & Crey, Paris, France. Method of and apparatus for tempering glass sheets. 1,895,548; Jan. 31.
- Lebel, Louis, Weedon, Quebec, Canada. Jack. 1,907,208; May 2.
- Lebel, Louis, Montreal, Quebec, Canada, assignor to J. J. Rosenthal, New York, N. Y. Demountable wheel. 1,909,286; May 16.
- Leben, Henry, Harrow, assignor to A. Reyrolle & Company, Limited, Hebburn-on-Tyne, England. Electric protective system. 1,926,547; Sept. 12.
- Leben, Henry, Newcastle-upon-Tyne, and N. Cooke, Sunderland, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric protective system and relay for use therein. 1,924,247; Aug. 29.
- Lebert, Alfred, Dusseldorf, Germany. Tool and apparatus for leveling cylindrical surfaces from grinding disks. 1,894,181; Jan. 10.
- Lebherz, Harry J., assignor to The Everedy Company, Frederick, Md. Bottle capper. 1,903,822; Apr. 18.
- Lebherz, Harry J., assignor to The Everedy Company, Frederick, Md. Bottle capper. 1,932,414; Oct. 31.
- Lebus, Franz, Essen, Germany. Illuminated display. 1,910,702; May 23.
- Leblanc, Leon, Paris, France. Key mechanism for wood wind instruments. 1,926,489; Sept. 12.
- Le Blanc, Theodore A. J., assignor of one-half to J. M. Boulard, Montreal, Quebec, Canada. Squeeze tube container. 1,940,719; Dec. 26.
- Le Bleu, Charles, Los Angeles, Calif. Scraper with power tilt mechanism. 1,911,629; May 30.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Aufderbar, assignors.)
- Lebo, Robert B., Elizabeth, N. J., assignor to Standard Oil Development Company. Producing dehydrated secondary alcohols. 1,911,829; May 30.
- Lebo, Robert B., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating adsorptive clay. 1,911,830; May 30.
- Lebo, Robert B., Elizabeth, and H. G. M. Fischer, Westfield, N. J., assignors to Standard Oil Development Company. Production of sodium sulphhydrate and sodium sulphide. 1,899,896; Feb. 28.
- Le Bos d'Espinois, Charles, Neuilly sur Seine, France, assignor to Malcolm C. Rorty, Lusby, Md. Glue or gelatine coating composition. 1,935,769; Nov. 21.
- Le Bourg, Adolphe, Gadsden, Ala. Aerial supporting mast. 1,914,264; June 13.
- Le Bouthillier, Joseph A. (See Watson, W. U., and Le Bouthillier.)
- Le Bouthillier, Austin, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for cleaning and tensioning material. 1,910,956; May 23.
- Le Bouthillier, Henry W., Drexel Hill, and F. Hess, assignors, by mesne assignments, to The Selas Company, Philadelphia, Pa. Burner and making the same. 1,910,020; May 23.
- Le Bouthillier, Henry W., Drexel Hill, and F. Hess, assignors to The Selas Company, Philadelphia, Pa. Mixing and compressing machine. 1,917,040; July 4.
- Le Bret, Ludwig, Berlin-Charlottenberg, and Günther Schneggenburger, Berlin-Halensee, Germany. Multiple delivery liquid pump. 1,936,169; Nov. 21.
- LeCain, John A., East Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Feed water heater. 1,932,111; Oct. 24.
- Leck, Charles W., Bloomfield, N. J. Steering wheel. Des. 90,811; Oct. 3.
- Le Clair, Louis J., and A. G. Brackenbury, King's Cross, London, England, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 1,898,549; Feb. 21.
- Le Clair, Titus G., Chicago, Ill. Relaying by current transformer and relays. 1,919,230; July 25.
- Le Clair, Titus G., Chicago, Ill. Bus construction. 1,934,434; Nov. 7.
- Le Clair, Titus G., and C. M. Gross, Chicago, Ill. Rotary switch and switching system. 1,916,844; July 4.
- Le Clair, Titus G., and C. M. Gross, Chicago, Ill. Unbalanced ratio relay scheme. 1,919,231; July 25.
- Lecoq, Eugene, assignor to Société Générale de Fours a Coke Systems Lecoq, Societe Anonyme, Brussels, Belgium. Door for coke ovens. 1,915,937; June 27.
- Lécolle, Fernand H. A., Vincennes, France. Automatic signaling device for motor vehicles. 1,896,905; Feb. 7.
- Le Compte, Frank H. (See Carroll, J. E., and Le Compte.)
- Le Comte, Gustave, Roussillon, France, assignor, by mesne assignments, to Du Pont Rayon Company, New York, N. Y. Manufacturing artificial threads. 1,918,816; July 18.
- Le Cone, Joseph H., Bedford, assignor to Earnshaw Knitting Company, Newton, Mass. Training panties. 1,937,899; Dec. 5.
- Le Coultre, Ernest, Paris, France. Manufacture of solid rods and tubes made of glass or other melted materials. 1,926,905; Sept. 12.
- Lectrolite Corporation. (See Hodges, Lee W., assignor.)
- Ledbetter, Ernest F., Chicago, Ill. Mechanical toy. 1,932,317; Oct. 24.
- Ledbetter, James C., Brooklyn, assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y. Garment press. 1,922,052; Aug. 15.
- Ledbetter, James C., New York, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Garment or ironing press. 1,940,219; Dec. 19.
- Ledbetter, William H., Dallas, Tex. Hot plow. 1,927,177; Sept. 19.
- Ledeen, Hyman, Los Angeles, Calif., assignor to The Falk Corporation, Milwaukee, Wis. Driving means for oil well equipment. 1,900,452; Mar. 7.
- Lederer, Ernest A. (See Marden, J. W., and Lederer.)
- Lederer, Ernest A., East Orange, N. J., assignor to Westinghouse Lamp Company. High amperage rectifier. 1,920,649; Aug. 1.
- Lederer, Erwin R., Fort Worth, Tex. Grease product. 1,936,632; Nov. 28.
- Lederer, Herbert H., Cleveland, Ohio. Apparatus for handling merchandise. 1,900,569; Mar. 7.
- Lederer, Karl M., Newark, and F. K. Lamb, East Orange, assignors to Weston Electrical Instrument Corporation, Newark, N. J. Multirange voltmeter-ammeter. 1,915,232; June 20.
- Lederle, Ekbert. (See Grimm, H. G., and Lederle.)

- Lederle, Ekbert, Ludwigshafen-on-the-Rhine, and H. G. Grimm, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Yellow to red pigment. 1,926,447; Sept. 12.
- Ledger, John E. (See Elters, William S., assignor.)
- Ledig, Kurt K., assignor to American Platinum Works, Newark, N. J. Nib for gold pen-points. 1,906,689; May 2.
- Ledig, Kurt K., assignor to American Platinum Works, Newark, N. J. Optical inspection apparatus. 1,908,990; May 16.
- Ledig, Richard G., Philadelphia, Pa., assignor to E. C. Brown Co., Rochester, N. Y. Bicycle frame and making it. 1,906,385; May 2.
- Ledig, Willy, Berlin-Lichtenrade, G. Müller, Berlin-Steglitz, and W. Breunig, Berlin, Germany, assignors to General Electric Company. Method and apparatus for mounting filaments on the conductive supports of electric incandescent lamps. 1,930,316; Oct. 10.
- LeDoux, Hector, Hyde Park, Mass., assignor, by mesne assignments, to The Draper Corporation, Hopedale, Mass. Filling-feeler mechanism for looms. 1,894,316; Jan. 17.
- Ledoux, John W., Swarthmore, assignor to Simplex Valve & Meter Co., Philadelphia, Pa. Flow controller. 1,897,492; Feb. 14.
- Ledru, Marcel J. L., Roussillon, F. Bidaud, Serezin, and P. Berger, St. Fons, France, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 1,937,280; Nov. 28.
- Le Duc, Jean. (See Barthelemy, R., and Le Duc.)
- Le Duc, Joseph E., Outremont, Quebec, Canada. Respiratory mask. 1,925,764; Sept. 5.
- Ledwinka, Hans, Koprivnice, Czechoslovakia. Power-driven vehicle. 1,905,594; Apr. 25.
- Ledwinka, Hans, Koprivnice, Czechoslovakia. Electrically driven automobile vehicle. 1,906,930; May 2.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile. Des. 89,202; Feb. 7.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Device for and method of securing windbreaks. 1,896,632; Feb. 7.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 1,908,517; May 9.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body. 1,909,287; May 16.
- Ledwinka, Joseph, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Pressed metal vehicle door. 1,913,400; June 13.
- Ledwinka, Joseph, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body front construction. 1,918,410; July 18.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 1,930,483; Oct. 17.
- Ledwinka, Joseph, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Applying upholstery or the like. 1,930,484; Oct. 17.
- Ledwon, Pearl, Chicago, Ill. Detachable button. 1,926,906; Sept. 12.
- Lee, Alvin J. (See Moran, J. L., and Lee.)
- Lee, Arthur L. (See Peterson, R. S., and Lee.)
- Lee, Benjamin F., Niagara Falls, N. Y. Lamp or similar article. Des. 90,288; July 11.
- Lee, Benjamin F., Niagara Falls, N. Y. Knife set holder or similar article. Des. 91,116; Nov. 28.
- Lee, Edward W., assignor of one-fourth to W. Starks, Jacksonville, Fla. Sharpener for hair clipper blades. 1,916,929; July 4.
- Lee, Elmer J., Bangor, Pa. Device for heating water. 1,918,113; July 11.
- Lee, Elmer Q., Honolulu, Territory of Hawaii. Lip stick holder. 1,937,157; Nov. 28.
- Lee, Frank G., Kansas City, Mo., assignor to Standard Oil Company, Chicago, Ill. Aluminum paint mixer. 1,911,575; May 30.
- Lee, Fred L., Binghamton, N. Y., and B. H. Phillips, Montclair, N. J., assignors to The Tabulating Machine Company, Endicott, N. Y. Circuit closing device. 1,902,085; Mar. 21.
- Lee, Frederick E. (See Hannay, W. H., and Lee.)
- Lee, George H., Los Angeles, Calif. Razor blade sharpening attachment. 1,909,198; May 16.
- Lee, Gordon M., Bluefield, W. Va. Tube dispenser. 1,912,944; June 6.
- Lee, Harley C. (See Johnston, J., and Lee.)
- Lee, Harry E., Pasadena, Calif. Folding square. 1,908,518; May 9.
- Lee, Harry S., Detroit, Mich. Kiln lining. 1,936,635; Nov. 28.
- Lee, Henry B., assignor to The Ludlow Valve Manufacturing Company, Troy, N. Y. Valve. 1,919,232; July 25.
- Lee, Henry B., assignor to The Ludlow Valve Manufacturing Company, Troy, N. Y. Valve. 1,919,233; July 25.
- Lee, Henry R. (See Havas, E., and Lee.)
- Lee, Henry R., South Milwaukee, and E. C. Buxbaum, Shorewood, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Drestuff for artificial silk and making the same. 1,939,593; Dec. 12.
- Lee, Ira E. (See Calcott, W. S., and Lee.)
- Lee, James E., and F. Barney, assignors to Challenge Machinery Company, Grand Haven, Mich. Gauge stop for paper drills. 1,928,383; Sept. 26.
- Lee, James E., F. Barney, and F. J. Beatty, assignors to Challenge Machinery Company, Grand Haven, Mich. Equalizing chase clamp. 1,936,795; Nov. 28.
- Lee, Leslie N. (See Dreyfus, C. Martin, and Lee.)
- Lee, Martin L., Brooklyn, N. Y. Extensible hanger for clothes. 1,927,347; Sept. 19.
- Lee, Maynard D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film spool. 1,930,144; Oct. 10.
- Lee, Maynard D., and H. M. Thomas, assignors to Eastman Kodak Company, Rochester, N. Y. Shipping and dispensing container for sheet material. 1,917,376; July 11.
- Lee, Melville R., St. Paul, assignor to Excelsior Baking Company, Minneapolis, Minn. Show case basket. 1,939,504; Dec. 12.
- Lee, Ralph L., assignor to Delco-Light Company, Dayton, Ohio. Domestic appliance. 1,894,564; Jan. 17.
- Lee, Robert E., Temple, Tex. Motor control. 1,939,905; Dec. 19.
- Lee, Roger K. (See Humphrey, C. L., and Lee.)
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Vibration damper. 1,896,962; Feb. 7.
- Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Internal combustion engine mounting. 1,902,509; Mar. 21.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Vibration damper. 1,905,475; Apr. 25.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 1,913,936; June 13.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor mounting. 1,924,504; Aug. 29.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Bearing. 1,931,026; Oct. 17.
- Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Vibration damper. 1,931,027; Oct. 17.
- Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Steering wheel. 1,934,931; Nov. 14.
- Lee, Roger K., assignor to Chrysler Corporation, Detroit, Mich. Vibration damper. 1,913,935; June 13.
- Lee Rubber and Tire Corporation. (See Carlin, James C., assignor.)
- Lee, Sherman Q. (See Slidell, K., and Lee.)
- Lee, Sherman Q., Madison, Wis., assignor, by mesne assignments, to American Face Brick Research Corporation. Promoting the bloating of earthy materials. 1,903,821; Apr. 18.
- Lee, Thomas L. (See Hutchins, W. H., and Lee.)
- Leeah, Charles J. and J. A., assignors of one-third to William M. Gould, Houston, Tex. Electrical switch. 1,935,509; Nov. 14.
- Leeah, James A. (See Leeah, Charles J. and J. A.)
- Leece, Bennett M., Cleveland, and D. S. Cole, Cleveland Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Regulating means. 1,896,547; Feb. 7.
- Leece, Bennett M., Cleveland, and D. S. Cole, Cleveland Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Generator regulation. 1,900,719; Mar. 7.
- Leece-Neville Company. (See Leece, B. M., and Cole, assignors.)
- Leech, Jacob T., Beaver Falls, Pa. Wire straightening mechanism. 1,936,679; Nov. 28.
- Leech, Jacob T., assignor to Union Drawn Steel Company, Beaver Falls, Pa. Wire drawing machine. 1,904,947; Apr. 18.
- Leech, Jacob T., Beaver, assignor to Union Drawn Steel Company, Beaver Falls, Pa. Mechanism for drawing metal. 1,911,157; May 23.
- Leech, William J. B., S. Hay, H. Hollings, and A. E. Burton, London, England. Gas offtake apparatus. 1,919,955; July 25.
- Leeds & Northrup Company. (See Doyle, Edgar D., assignor.)
- Leeds & Northrup Company. (See Harsch, John W., assignor.)
- Leeds & Northrup Company. (See Harsch, J. W., and Schofield, assignors.)
- Leeds & Northrup Company. (See Heath, Leslie O., assignor.)
- Leeds & Northrup Company. (See Mears, Atherton H., assignor.)
- Leeds & Northrup Company. (See Parker, Henry C., assignor.)
- Leeds & Northrup Company. (See Ranken, Harold R., assignor.)
- Leeds & Northrup Company. (See Reichel, W. A., and Mears; said Mears assignor to Leeds & Northrup Company.)
- Leeds & Northrup Company. (See Squibb, Lloyd Y., assignor.)
- Leeds & Northrup Company. (See Williams, Albert J., Jr., assignor.)
- Leeds, Winthrop M. (See Dyer, L. W., and Leeds.)
- Leeds, Winthrop M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,914,137; June 13.

- Leef, George H. (See Leef, John H. and G. T.)
- Leef, George H., Minneapolis, Minn. Cord insertion device. 1,928,455; Sept. 26.
- Leef, John H. and G. H., Minneapolis, Minn. Garment leg ironer. 1,937,656; Dec. 5.
- Leemann, Hans, and W. Wehrli, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of sulphur dyestuffs. 1,914,029; June 13.
- Leemann, Hans, and V. Kartaschoff, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Manufacture of nondyeing sulphurized derivatives of phenols. 1,928,257; Sept. 26.
- Leemann, Walter. (See Coradi, O., and Leemann.)
- Leemans, Joseph P., assignor to Societe Generale Metallurgique de Hoboken, Hoboken-les-Anvers, Belgium. Refining of copper. 1,919,699; July 25.
- Leeming, James W. (See Markle, M., and Leeming.)
- Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
- Lees, Harry W. (See Draper, C. H., Lees, and Grosser.)
- Lees, John. (See Carter, A., assignor.)
- Lees, William H., Lowell, Mass. Colored tinsel fabric. 1,922,739; Aug. 15.
- Leese, Edward F., assignor of one-third to H. S. Bargeen, Everett, Wash. Dispensing valve. 1,939,709; Dec. 19.
- Leeson, Archibald, assignor to W. & T. Avery Limited, Birmingham, England. Coin testing device for use more particularly with coin freed vending machines. 1,897,909; Feb. 14.
- Leeson, Archibald, assignor to W. & T. Avery Limited, Birmingham, England. Coin freed weighing apparatus. 1,912,584; June 6.
- Leeson, Bruce H. (See Clothier, H. W., Leeson, and Leben.)
- Leeson, Bruce H., Tynemouth, and D. E. Lambert, Harpenden, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric selective remote control system. 1,893,479; Jan. 3.
- Leeson, Bruce H., Tynemouth, W. Anderson, Hebburn-on-Tyne, and D. E. Lambert, Harpenden, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric remote control system. 1,935,124; Nov. 14.
- Leet, Archie W., St. Louis, Mo., assignor to General Motors Corporation, Detroit, Mich. Vehicle shipping device. 1,923,382; Aug. 22.
- Leethens (Twilfit) Limited. (See Walker, G. T., and Wood, assignors.)
- Leever, Basil E., Santa Barbara, Calif. Beverage capsule. 1,931,765; Oct. 24.
- Lefebvre, Edward A., Brooklyn, N. Y. Automatic control for radio instruments. 1,932,668; Oct. 31.
- Le Febvre, Clarence C. (See John, H., and Le Febvre.)
- Le Febvre, Clarence C. (See John, H., Le Febvre, and Du Bois.)
- Lefebvre, Paul J. L. (See Defays, V. J. J., and Lefebvre.)
- Lefere, Aldor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Wheel hub forging. 1,913,492; June 13.
- Lefere Forge & Machine Company. (See Lefere, Aldor, assignor.)
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Magazine barrel for guns. 1,899,702; Feb. 28.
- Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Liquid discharge gun. 1,907,839; May 9.
- Le Fever, John E., Tionaga, Ontario, Canada. Lock nut. 1,914,696; June 20.
- Lefever, Robert M., and C. G. Goss, Salt Lake City, Utah. Safety razor carton opener. 1,908,851; May 16.
- Le Fevre, Edwin K., Edgemoor, Md., assignor to Whitfield Engineering Company, District of Columbia. Shaft coupling. 1,919,437; July 25.
- Leffel, James, & Company, The. (See Biggs, George A., assignor.)
- Leffel, James & Company, The. (See Swindler, Harry M., assignor.)
- Leffert, Sol C., Brighton, N. Y. Tether for children. 1,904,480; Apr. 18.
- Lefland, Paul W., Arlington, Tex. Rear and parking view attachment. 1,903,239; Mar. 28.
- Lefland, Paul W., Arlington, Tex. Support for parasitic growths. 1,904,287; Apr. 18.
- Lefler, Ralph R., Chicago, Ill. Apparatus for treatment of liquids with gaseous fluids. 1,936,305; Nov. 21.
- Lefkoe, Louis, Philadelphia, Pa. Finger ring. Des. 90,719; Sept. 19.
- Lefkowitz, Harry, and G. Klein, assignors to H. L. Frumovitz, Brooklyn, N. Y. Cloth cutting machine. 1,923,834; Aug. 22.
- Lefranc, Georges, Paris, France. Treating fibers. 1,921,363; Aug. 8.
- Leftwich, Stanley H., Sunbury-on-Thames, England. Apparatus for humidifying and filtering or purifying air. 1,915,938; June 27.
- Le Gare, Arthur E., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway journal box. 1,935,365; Nov. 14.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Separable fastener. 1,893,823; Jan. 10.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Locking means. 1,898,974; Feb. 21.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Locking slider. 1,919,662; July 25.
- Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Separable fastener. 1,934,865; Nov. 14.
- Legerlotz, Helmut, Berlin, Germany, assignor to Frederick Stearns & Company, Detroit, Mich. Manufacture of secondary aromatic amino-alcohols. 1,903,927; Apr. 18.
- Legerlotz, Helmut, Berlin-Friedenau, Germany, assignor to P. Beiersdorf & Co. Inc., New York, N. Y. Stable ammonium salt of primula saponine. 1,924,073; Aug. 22.
- Legerlotz, Helmut, Berlin, Germany, assignor to Frederick Stearns & Company, Detroit, Mich. Manufacturing substituted hydroxy-w-amino-acetophenones. 1,926,952; Sept. 12.
- Legerlotz, Helmut, Berlin, Germany, assignor to Frederick Stearns & Company, Detroit, Mich. Betal-alkyl-amino compounds of mono-hydroxy-phenyl-ethanols and producing same. 1,932,347; Oct. 24.
- Legg, Ben R., Morristown, Tenn. Automatic trailer brake. 1,914,265; June 13.
- Legg, Buell B., Columbus, assignor to Columbia Engineering and Management Corporation, Cincinnati, Ohio. Soil testing apparatus. 1,910,021; May 23.
- Legg, Buell B., Columbus, assignor to Columbia Engineering and Management Corporation, Cincinnati, Ohio. Bonding clamp. 1,910,022; May 23.
- Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Butyl-acetonic fermentation. 1,911,174; May 23.
- Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Obtaining butyl alcohol and acetone by fermentation. 1,927,814; Sept. 19.
- Legg, David A., and L. M. Christensen, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyl alcohol and acetone by fermentation. 1,913,164; June 6.
- Legg, David A., Terre Haute, Ind., and H. R. Stiles, Madison, Wis., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Accelerating the production of butyric acid by fermentation. 1,927,813; Sept. 19.
- Legg, Esther L., administratrix. (See Legg, Joseph W.)
- Legg, Joseph W., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Remote control system for oscillographs. 1,902,650; Mar. 21.
- Legg, Joseph W., deceased, Wilkinsburg, Pa., by E. L. Legg, administratrix, Worcester, Mass. Light source control system. 1,911,371; May 30.
- Legg, Joseph W., deceased, Wilkinsburg, Pa., by Esther L. Legg, administratrix, Worcester, Mass., assignor to Westinghouse Electric and Manufacturing Company. Testing device. 1,936,796; Nov. 28.
- Legg, Joseph W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Instantaneous pressure recorder. 1,939,067; Dec. 12.
- Legg, Victor E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Heat treating loaded conductors. 1,909,367; May 16.
- Leggatt, Lorne E., et al. (See Slattery, Daniel J., assignor.)
- Legge, Alfred G., Brockton, Mass. Shoe form. 1,917,041; July 4.
- Legge, Algeo J., Los Angeles, Calif. Holder for ice cream cone. 1,920,995; Aug. 8.
- Legge, David E., Foxborough, Mass. Machine for holding paper. 1,928,789; Oct. 3.
- Legge, James. (See Alderson, Herbert J., assignor.)
- Legge, Peter S., Long Island City, N. Y. Abrading apparatus. 1,936,475; Nov. 28.
- Leggett, George R., and A. C. Lusher, Waterbury, and N. A. Cornell, Cheshire, assignors to Scovill Manufacturing Company, Waterbury, Conn. Automatic rod feeding apparatus. 1,926,205; Sept. 12.
- Leggett and Platt Spring Bed and Manufacturing Company. (See Kirchner, Carl, assignor.)
- Leggett, Robert J. (See Martyn, J. F., and Leggett.)
- Leg-O-Matic Company, The. (See Kovats, John, assignor.)
- Le Gorre, Jean L. (See Lovekin, L. D., and Le Gorre.)
- Le Gorre, Jean L., assignor to Walsbach Traffic Signal Company, Philadelphia, Pa. Traffic signal. 1,911,576; May 30.
- Le Grand, Joseph M., Chicago, Ill. Thermal insulation. 1,910,703; May 23.
- Le Grand, Joseph M., assignor to Carrier Engineering Corporation, Newark, N. J. Separating system. 1,898,733; Feb. 21.
- Leguillon, Charles W. (See Barden, E. H., and Leguillon.)
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for treating textile material. 1,905,916; Apr. 25.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Separable fastener. 1,905,917; Apr. 25.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stock rack. 1,915,061; June 20.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for forming articles of plastic material. 1,919,374; July 25.

- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Splicing rubber articles. 1,921,623; Aug. 8.
- Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective sheath for hose. 1,925,901; Sept. 5.
- Lehberger, George F. (See Murphy, D., and Lehberger.)
- Lehde, Henry, Forks, N. Y. Method and apparatus for photographing magnetic curves. 1,901,876; Mar. 21.
- Lehere, Henry H., Akron, Ohio. Frame. 1,904,318; Apr. 18.
- Lehigh Coal and Navigation Company, The. (See Ryan, Frederick J., assignor.)
- Lehigh Coal and Navigation Company. (See Willson, Edwin L., assignor.)
- Lehigh Navigation Coal Company. (See Cooper, C. E., and Gilbertson, assignors.)
- Lehman, Arthur E., St. Charles, Mo., assignor to American Car and Foundry Company, New York, N. Y. Folding armrest for seats. 1,894,621; Jan. 17.
- Lehman Company of America, The. (See Herrmann, Ella E., assignor.)
- Lehman, Dwight L., South Bend, Ind., assignor to National Biscuit Company, New York, N. Y. Display rack. 1,914,188; June 13.
- Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brakes. 1,923,315; Aug. 22.
- Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Door operator. 1,930,685; Oct. 17.
- Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Coupler and yoke connection. 1,934,866; Nov. 14.
- Lehman, Edwin L., Camden, N. J. Magnifying device. 1,925,393; Sept. 5.
- Lehman, John L., Kansas City, Mo. Headlight or searchlight. 1,897,202; Feb. 14.
- Lehman, Max, and E. Gründler, assignors to the firm J. M. Lehmann, Dresden, Germany. Single-roll mill for paint and the like. 1,926,907; Sept. 12.
- Lehman, Werner, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tower excavator. 1,906,760; May 2.
- Lehman, Werner, and M. L. Fykse, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Boom feet for excavators. 1,898,453; Feb. 21.
- Lehman, William O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 1,928,940; Oct. 3.
- Lehmann, Erich. (See Marx, K., and Lehmann.)
- Lehmann, Erich, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing furs, hairs, or feathers. 1,932,901; Oct. 31.
- Lehmann, Erich, Bitterfeld, and H. Wassengger, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing furs, hairs, and feathers. 1,940,757; Dec. 26.
- Lehmann, Ernst P. (See Winzer, Charles B., assignor.)
- Lehmann, Franz, Zurich, Switzerland. Vacuum cleaner. 1,903,867; Apr. 18.
- Lehmann, Herbert, Leipsiz-Engelsdorf, Germany. Optical telescope for medical and technical purposes. 1,932,470; Oct. 31.
- Lehmann, J. M., Firm. (See Lehmann, M., and Gründler, assignors.)
- Lehmann, John T., Los Angeles, Calif. Holder for headed tools. 1,928,063; Sept. 26.
- Lehmann, Karl A. (See Bornkessel, B., Breitling, Brauer, and Lehmann.)
- Lehmann, Karl A., and M. Zakowski, Essen, assignors to Fried-Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Counting machine. 1,924,794; Aug. 29.
- Lehmann Machine Company. (See Seward, Ernest R., assignor.)
- Lehmann, Rudolf, Uerdingen-on-the-Rhine, F. Heckmanns, and K. Dobmaier, Leverkusen-on-the-Rhine, and J. Willems, Crefeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Disinfectants. 1,919,298; July 25.
- Lehmann, Walter, Wuppertal-Elberfeld, assignor to Walter Feynhaug, Egge near Volmarstein, Ruhr, Germany. Lubricating means for axle bearings of vehicles. 1,919,113; July 18.
- Lehmkuhl, Joachim, Oslo, Norway. Electric washing machine for cleaning fabric or other woven material. 1,933,813; Nov. 7.
- Lehn & Fink, Inc. (See Klarmann, E., and Gates, assignors.)
- Lehn, John U. (See Zahm, J. D., and Lehn.)
- Lehn, John U., assignor to Animal Trap Company of America, Little, Pa. Animal trap. 1,912,457; June 6.
- Lehner, Charles, Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 88,927; Jan. 3.
- Lehnert, Friedrich W., New Haven, Conn. Mechanical stoker. 1,938,842; Dec. 12.
- Lehon Company, The. (See Levine, Morris, assignor.)
- Lehon Company. (See Moore, Albert E. F., assignor.)
- Lehr, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Furnace construction. 1,924,936; Aug. 29.
- Lehr, Paul E., Oilfields, Calif. Planimeter. 1,892,957; Jan. 3.
- Lehrack, Otto J., Mission Township, Johnson County, Kans. Crushing and mixing machine. 1,894,106; Jan. 10.
- Lehreke, Hans, assignor to Metallgesellschaft Aktien-gesellschaft, Frankfurt-on-the-Main, Germany. Burning phosphorus. 1,940,758; Dec. 26.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Arrangement for wireless telegraphy and telephony. Re18,972; Oct. 24.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Weatherproof direction-finding antenna. 1,892,958; Jan. 3.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder apparatus. 1,900,292; Mar. 7.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 1,910,023; May 23.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio direction finder. 1,918,850; July 18.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Graduated circle for radio direction finders. 1,921,234; Aug. 8.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Radio direction finder apparatus. 1,924,408; Aug. 29.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. Making control elements for direction finder compensators. 1,932,627; Oct. 31.
- Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. Radio compass. 1,935,883; Nov. 21.
- Leib, August, and H. Scharlau, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave signaling. 1,932,469; Oct. 31.
- Leibbrandt, Fritz, Freiburg, Germany. Copperarsenic compound of palmitic acid and preparing it. 1,910,223; May 23.
- Leibe, Frank A. (See Carpe, A., and Leibe.)
- Leibe, Frank A., Dunellen, N. J., assignor to American Telephone and Telegraph Company. Gauge for testing eccentricity of insulators. 1,898,133; Feb. 21.
- Leibing, William. (See Fageol, R. B., and Leibing.)
- Leibing, William E., Sausalito, Calif. Sealing device. 1,931,733; Oct. 24.
- Leigh, Alfred C. (See Dawson, A. J., and Leigh.)
- Leigh, Fred A., Chicago, Ill. Mixing valve. 1,919,234; July 25.
- Leigh, Leighton, Grand Rapids, Mich. Chair and supporting device. 1,906,233; May 2.
- Leighton, John W., Port Huron, Mich. Spring end bearing support. 1,907,073; May 2.
- Leighton, John W., Port Huron, Mich. Spring shackle for motor vehicles. 1,910,256; May 23.
- Leighton, John W., Port Huron, Mich. Threaded spring shackle. 1,924,448; Aug. 29.
- Leighton, John W., Port Huron, Mich. Machine for forming U shaped shackles. 1,938,915; Dec. 12.
- Leighton, John W., Cape Horn, Wash. Internal combustion engine. 1,912,285; May 30.
- Leighton, Oscar E., assignor to Ajax Spring Stabilizer Company, Cambridge, Mass. Metal spring cover. 1,940,425; Dec. 19.
- Leighton, Oscar E., assignor to Ajax Spring Stabilizer Company, Cambridge, Mass. Metal spring cover. 1,940,426; Dec. 19.
- Leilich, Frank T., assignor, by mesne assignments, to W. W. Varney, Baltimore, Md. System of air conditioning. 1,929,176; Oct. 3.
- Leiman Bros. Inc. (See Leiman, George W., assignor.)
- Leiman Bros. Inc. (See Leiman, Gustave, assignor.)
- Leiman, George W., assignor to Leiman Bros. Inc., Newark, N. J. Liquid feeding device. 1,900,571; Mar. 7.
- Leiman, Gustave, New York, N. Y., assignor to Leiman Bros. Inc., Newark, N. J. Furnace. 1,900,570; Mar. 7.
- Leiman, Gustave A., New York, N. Y. Valve for compressed air systems. 1,939,176; Dec. 12.
- Lein, Emil F., North Tonawanda, N. Y. Plant support. 1,932,790; Oct. 31.
- Leinbach, William D., Milton, Pa. Warp beam. 1,915,233; June 20.
- Leingang, William C., Detroit, Mich. Charging circuit for storage batteries. 1,919,891; July 25.
- Leingang, William C., Detroit, Mich. Control of the charge of a storage battery. 1,919,892; July 25.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Switch. 1,897,132; Feb. 14.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Handle construction. 1,909,494; May 16.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 1,921,761; Aug. 8.
- Leins, Oscar J., assignor to The Milwaukee Gas Specialty Co., Milwaukee, Wis. Gas range. 1,921,762; Aug. 8.
- Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Ignition device for gas burners. 1,937,658; Dec. 5.
- Leipert, August H., College Point, assignor to International Motor Company, New York, N. Y. Chain drive. 1,902,712; Mar. 21.
- Leis, Carl H., assignor to Johnson Bronze Company, New Castle, Pa. Bearing device. 1,898,880; Feb. 21.

- Leis, Carl H., assignor to Johnson Bronze Company, New Castle, Pa. Multiple cutter milling machine. 1,908,262; May 9.
- Leis, Carl H., assignor to Johnson Bronze Company, New Castle, Pa. Apparatus for graphiting sleeve bearings. 1,914,923; June 20.
- Leisner, Rolf W., Oslo, Norway. Combined casing and press for tennis rackets. 1,925,330; Sept. 5.
- Leiss, Paul E., Youngstown, Ohio. Method of and apparatus for controlling furnaces. 1,911,831; May 30.
- Leister, Fayette, assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 1,908,295; May 9.
- Leister, Fayette, assignor to The Fafnir Bearing Company, New Britain, Conn. Antifriction bearing. 1,924,937; Aug. 29.
- Leiter, Harry H. (See Longfellow, Earl E., assignor.)
- Leiter, Harry H., Warsaw, Ind. Surgical extension attachment. 1,898,781; Feb. 21.
- Leiter, Harry H., Warsaw, Ind. Forearm extension splint. 1,930,813; Oct. 17.
- Leiter, Herman N., Walton, Ind. Horse shoe. 1,936,306; Nov. 21.
- Leiter, Inga, Nee Koch, Berlin-Steglitz, Germany. Clamping clip. 1,917,377; July 11.
- Leitz, Ernst, Optische Werke. (See Heine, Herman, assignor.)
- Leitz, Ernst, Optische Werke. (See Plies, Heinrich, assignor.)
- Leitz, Ernst, Optische Werke. (See Riepert, Hermann, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Barnack, Oskar, assignor.)
- Leitz, Ernst, Optische Werke, G. m. b. H. (See Berek, Max, assignor.)
- Leiva, Gaspar, Buenos Aires, Argentina. Electric lamp. 1,906,234; May 2.
- Leiva, Gaspar, Buenos Aires, Argentina. Multiple lock switch. 1,912,945; June 6.
- Leiva, Gaspar, Buenos Aires, Argentina. Electrical transformer. 1,922,593; Aug. 15.
- Lejeune, Fernand, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Societe Anonyme, Paris, France. Direct current motor control system. 1,916,484; July 4.
- Le Jeune, Frank H., Jackson, Mich., assignor, by mesne assignments, to Kelsey-Hayes Wheel Corporation. Wire wheel. 1,933,178; Oct. 31.
- Leland Electric Company, The. (See Bossard, Gisbert L., assignor.)
- Leland Electric Company, The. (See Leland, George H., assignor.)
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Controlling device for electric motors. 1,907,985; May 9.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Strip delivery mechanism for punch presses and the like. 1,916,378; July 4.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Punch press mechanism and automatic stop therefor. 1,916,379; July 4.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Synchronously operated punch press. 1,916,380; July 4.
- Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Automatic feed controlling mechanism for punch presses and the like. 1,916,845; July 4.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Automatic stop for punch presses and the like. 1,923,156; Sept. 26.
- Leland, George H., Dayton, Ohio, assignor of one-half to The Leland Electric Company. Combined closure operator and latch. 1,930,760; Oct. 17.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Flasher. 1,930,761; Oct. 17.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Stripping device for punch presses and the like. 1,930,762; Oct. 17.
- Leland, George H., Dayton, Ohio, assignor of one-half to The Leland Electric Company. Shaft connection. 1,932,826; Oct. 31.
- Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Automatic switch operating mechanism. 1,935,455; Nov. 14.
- Leland-Gifford Company. (See Bishop, B. S. J., and Hirvonen, assignors.)
- Leland-Gifford Company. (See Hirvonen, Eric J., assignor.)
- Leland, Ragnvald G., New York, N. Y. Self feeding applicator. 1,923,316; Aug. 22.
- Leigemann, William, Newark, N. J. Continuous process of treating hydrocarbon products. 1,936,633; Nov. 28.
- Leigemann, William, Ridgefield Park, assignor of one-half to H. T. Corg, Newark, N. J. Continuously treating hydrocarbon products. 1,936,539; Nov. 21.
- Lell, Wilhelm, Freindorf, Austria. Manufacturing containers. 1,911,908; May 30.
- Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Box or similar article. Des. 89,850; May 9.
- Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Bottle or similar article. Des. 90,196; June 27.
- Lelong, Lucien, Inc. (See Lelong, Lucien, assignor.)
- Lely, Dirk, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric discharge device. 1,901,037; Mar. 14.
- Lemaire, Maurice H., Valenciennes, France. System for continuously cleaning the ballast of railway tracks. 1,899,874; Feb. 28.
- Lemaire, Maurice H., Ermont, France. Apparatus for the leveling of railways. 1,922,895; Aug. 15.
- Lemaire, Maurice H., Ermont, France. Apparatus for the leveling of railways. 1,927,178; Sept. 19.
- Leman, Arthur L., assignor to The National Supply Company, Toledo, Ohio. Casing head. 1,926,856; Sept. 12.
- Leman, Arthur L., assignor to The National Supply Company, Toledo, Ohio. Piston. 1,927,460; Sept. 19.
- Le Materiel Electrique S. W. (See de Beaumarchais, Charles, assignor.)
- Le May, Ariel M., Chicago, Ill., assignor, by mesne assignments, to S. H. Camp & Company, Jackson, Mich. Bust uplift. 1,904,844; Apr. 18.
- Le May, Arthur J., Brooklyn, N. Y. Alternating current circuit. 1,898,016; Feb. 21.
- Lemel, Samuel L., Shaker Heights, Ohio. Device for the protection of the eyes. 1,905,415; Apr. 25.
- Lemerle, Jacques, assignor to Societe Anonyme, Compagnie Centrale des Emeris et Produits a Polir, Paris, France. Adhesive to be employed in the manufacture of waterproof abrasive products. 1,930,393; Oct. 10.
- Lemert, Louis J., Beverly, assignor to United States Pipe & Foundry Company, Burlington, N. J. Flange protector. 1,903,220; Mar. 28.
- Lemieux, Archibald R., Worcester, Mass. Valve lever. Des. 91,171; Dec. 12.
- Lemieux, Archibald R., Worcester, Mass. Wrench. 1,906,978; May 2.
- Lemieux, Frank J., Central Falls, R. I. Galley mechanism for monotype machines. 1,923,628; Aug. 22.
- Lemm, Bonnie E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 90,776; Sept. 26.
- Lemme, Heinz. (See Pier, M., and Lemme.)
- Lemmerman, Paul C., East Cleveland, and R. F. Remler, Lakewood, assignors to The Grasselli Chemical Company, Cleveland, Ohio. Protecting concrete surfaces during curing. 1,899,576; Feb. 28.
- Lemmis, Thomas, Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Card stripper for Jacquard looms. 1,906,977; May 2.
- Lemmon, Alexis W. (See Francis, E. V., and Lemmon.)
- Lemmon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Cushioning means for trolley conveyers. 1,912,647; June 6.
- Lemmon, George N. (See Spurgeon, S. J., Knowles, and Lemmon.)
- Lemmon, George N., and S. J. Spurgeon, assignors to Southern States Equipment Company, Birmingham, Ala. Circuit interrupter. 1,937,409; Nov. 28.
- Lemmon, Rees H. (see Yerkes, J. A., and Lemmon.)
- Lemmon, Reginald J., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Recovery of copper minerals or values by froth flotation. 1,939,068; Dec. 12.
- Lemoine, Fred F., Maynard, Mass. Holder for ash trays or other articles. Des. 88,879; Jan. 3.
- Lemoine, Henry G. L., Perriers-sur-Andelle, France. Interchangeable toothbrush. 1,902,410; Mar. 21.
- Lemon, Don C., and L. L. Carpenter, Alma, Mich. Landing net holder. 1,914,443; June 20.
- Le Moon, Axel R., Chicago, Ill. Four-wheel vehicle drive construction. 1,901,309; Mar. 14.
- Lemp, Hermann, Glen Rock, assignor to Ingersoll-Rand Company, Jersey City, N. J. Speed control apparatus for locomotives. 1,896,633; Feb. 7.
- Lemp, Hermann, Glen Rock, assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling apparatus for locomotives. 1,925,839; Sept. 5.
- Lempco Products Inc. (See Blazek, John Y., assignor.)
- Lempp, Hermann. (See Baur, O., and Lempp.)
- Lems, Hendrik, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Discharge tube circuit. 1,932,373; Oct. 24.
- Lems, Hendrik, assignor to General Electric Company, Eindhoven, Netherlands. Vacuum tube. 1,935,723; Nov. 21.
- Lenander, Nils E., Lokken Verk, Norway, assignor, by mesne assignments, to Texas Gulf Sulphur Company, Houston, Tex. Recovering sulphur from sulphide minerals. 1,904,481; Apr. 18.
- Lenander, Nils E., Lokken Verk, Norway, assignor, by mesne assignments, to Texas Gulf Sulphur Company, Houston, Tex. Production of elemental sulphur. 1,904,482; Apr. 18.
- Lenander, Nils E., Lokken Verk, Norway, assignor, by mesne assignments, to Texas Gulf Sulphur Company, Houston, Tex. Production of elemental sulphur from gaseous sulphur compounds. 1,904,483; Apr. 18.
- Lenander, Nils E., Lokken Verk, Norway, assignor to Patentaktiebolaget Gröndal-Ramén, Stockholm, Sweden. Condensation of sulphur arsenic compounds. 1,917,725; July 11.
- Lenarth, Clarence C., Gardena, Calif. Gasket cutting machine. 1,897,203; Feb. 14.
- Lenawee Textiles, Inc. (See Murphey, Floyd M., assignor.)

- Lenahan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company. Remote indicating system. 1,911,372; May 30.
- Lenahan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase-sequence network. 1,936,797; Nov. 28.
- L'Enfant, Charles, New York, N. Y. Assembling device for card cases. 1,896,634; Feb. 7.
- Lenfant, Louis, assignor to Cartier, Societe Anonyme, Paris, France. Gold alloy. 1,896,003; Jan. 31.
- Lenfant, Louis, assignor to Cartier, Societe Anonyme, Paris, France. Gold alloy. 1,917,378; July 11.
- Lenfestey, Percy E., Passaic, N. J. Latch. 1,940,685; Dec. 26.
- Lengnick, Tomas C., Philadelphia, Pa. Discharge tube. 1,936,514; Nov. 21.
- Lenhart, Joseph B., Roseville, Ohio. Pottery bird house. 1,894,406; Jan. 17.
- Lenhart, William F., Marshall, Mich., assignor to Sherer-Gillett Company, Chicago, Ill. Antifogging device. 1,913,205; June 6.
- Lenher, Samuel, Wilmington, Del., and H. F. Lewis, Appleton, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of pulp from colored rags. 1,929,145; Oct. 3.
- Lenherr, Albert J. (See Regan, W. J., and Lenherr.)
- Lenk, Wilhelm. (See Bochmann, O., and Lenk.)
- Lenk, Wilhelm, Linz-on-the-Danube, Austria. Device for the magneto-electric generation of alternating currents for sound production. 1,941,036; Dec. 26.
- Lenk, Wilhelm, Remscheid-Lennepe, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Double sided twisting machine. 1,926,448; Sept. 12.
- Lenkendorfer, Edward, et al. (See Flatter, Carliss E., assignor.)
- Lenktis, Adolph, Brooklyn, N. Y. Safety gas valve. 1,911,759; May 30.
- Lenning, Alvar, Jackson Heights, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,901,458; Mar. 14.
- Lenning, Alvar, Stockholm, Sweden, assignor to Inventia Patent-Verwertungs-Gesellschaft, Schaffhausen, Switzerland. Washing machine. 1,911,630; May 30.
- Lenning, Alvar, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,912,644; June 6.
- Lenning, Alvar, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,914,861; June 20.
- Lennmor, Gösta G., Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Control for wick type liquid fuel burner. 1,905,918; Apr. 25.
- Lennon, J. Warren. (See Lagaard, Alexander S. T., assignor.)
- Lennox, Frank H., Seattle, Wash. Wire tensioning and tying machine. 1,937,767; Dec. 5.
- Lennox Furnace Company. (See Norris, John W., assignor.)
- Lennox, John S., Pittsfield, Mass., assignor to General Electric Company. Transformer casing. 1,940,311; Dec. 19.
- Lennstrom, Walter M., Douglaston, N. Y. Combined card-case and score recorder. 1,898,193; Feb. 21.
- Lenschow, Walter, Sycamore Township, De Kalb County, Ill. Apparatus for grading and testing eggs. 1,907,074; May 2.
- Lent, Philip. (See Bizoni, H., and Lent.)
- Lentheric Incorporated. (See Tricard, René, assignor.)
- Lentheric Incorporated of New York City. (See Gage, Charles S., assignor.)
- Lentheric, Societe Anonyme. (See Bourquin, Georges, assignor.)
- Lenty, Lawrence E., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,913,125; June 6.
- Lentz, Clarence J. (See Bunce, E. H., and Lentz.)
- Lentz, Clarence J. (See Bunce, E. H., Lentz, and Mahler.)
- Lentz, George W., Enola, Pa. Card attaching device. 1,911,518; May 30.
- Lentz, George W., assignor to The Bonnot Company, Canton, Ohio. Automatic chuck for billets and the like. 1,932,185; Oct. 24.
- Lentz, Harold B. (See Dulin, J. H., and Lentz.)
- Lentz, John A., Phoenix, Ariz. Dental articulator. 1,906,797; May 2.
- Lentz, Lawrence E., Harrisburg, Pa., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,901,398; Mar. 14.
- Lentz, Lawrence R., Windsor, Ontario, Canada. Filter. 1,910,553; May 23.
- Lentz, William L., Tuckahoe, N. Y., and H. M. Pfleger, St. Louis, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 1,902,962; Mar. 28.
- Lentz, William L., Tuckahoe, N. Y., and W. M. Sheehan, St. Louis, Mo.; said Sheehan assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive tender construction. 1,920,754; Aug. 1.
- Lentz, William L., Tuckahoe, N. Y., and W. M. Sheehan, St. Louis, Mo.; said Sheehan assignor to General Steel Castings Corporation, Granite City, Ill. Tender structure. 1,920,755; Aug. 1.
- Lenz, Arnold and C. W. Adams, Saginaw, assignors to General Motors Corporation, Detroit, Mich. Clutch throw-out bearing. 1,930,276; Oct. 10.
- Lenz, Arnold, and Charles W. Adams, Saginaw, assignors to General Motors Corporation, Detroit, Mich. Making clutch throw-out bearing. 1,930,277; Oct. 10.
- Lenz, Hans, Augsburg, Germany. Sowing machine. 1,915,541; June 27.
- Lenz, Wilhelm, Wiesbaden-Biebrich, and K. Jochum, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Accelerating the retting of flax. 1,904,148; Apr. 18.
- Lenz, William A., Lebanon, Mo. Ventilating fan. 1,941,037; Dec. 26.
- Lenze, Franz. (See Mommertz, Peter.)
- Leonard, Albert P., Jackson Heights, N. Y. Sugar cane mill. 1,908,519; May 9.
- Leonard, Anthon A., Forest Hills, N. Y., assignor, by mesne assignments, to Transitone Automobile Radio Corporation, Philadelphia, Pa. Eliminating the effects on radio circuits of sparking in the ignition system of an internal combustion engine. 1,904,149; Apr. 18.
- Leonard, Carl H., Wayne County, Nebr. Wrench. 1,923,629; Aug. 22.
- Leonard, Clarence E., Grosse Pointe, Mich. Fuse or cut-out. 1,931,665; Oct. 24.
- Leonard, Cyril A. (See Leonard, Luke E. and Cyril A.)
- Leonard Electric Mfg. Company. (See Allgeier, Frederick W., assignor.)
- Leonard, James, Rochester, N. Y. Filling head for can filling machines. 1,940,806; Dec. 26.
- Leonard, James A., Bangor, Me. Trash rack rake. 1,910,803; May 23.
- Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Circulating gas heater. 1,926,104; Sept. 12.
- Leonard, Lloyd H., Philadelphia, and J. C. Whitesell, jr., Norristown, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Adjustable gusset structure. 1,923,544; Aug. 22.
- Leonard, Luke E. and C. A., Utica, Mich. Rustic chair. Des. 90,491; Aug. 15.
- Leonard, Michael, Rolette, N. Dak. Chimney heater. 1,917,802; July 11.
- Leonard, Weldon C., Daisetta, assignor of one-half to Charles Lisman, Liberty County, Tex. Fluid pressure actuator. 1,895,131; Jan. 24.
- Leonhardt, Wilhelm, Wismar in Mecklenburg, Germany. Pessary. 1,915,794; June 27.
- Leonhauser, Henry A., Baltimore, Md. Automatic slack adjuster. 1,894,565; Jan. 17.
- Leonora Silk Underwear Company, Inc. (See Goldberg, Leo J., assignor.)
- Leopacher, Josef, Munich, Germany, assignor to Aktiengesellschaft Brown, Boveri and Cie., Baden, Switzerland. System of automatic control. 1,903,055; Mar. 28.
- Leopold, George O. (See Fegley, T. J., and Leopold.)
- Leopold, Joachim, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillating coil for electrodynamic loudspeakers. 1,935,404; Nov. 11.
- Leopold, Joachim, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Diaphragm for acoustic apparatus. 1,917,309; July 11.
- Leopold, Morton, Chicago, Ill. Display device. 1,897,940; Feb. 14.
- Lepage, François, and A. Martineau, Montreal, Quebec, Canada. Package opener. 1,902,963; Mar. 28.
- Le Page, Joseph A., assignor of one-half to Sand's Level & Tool Company, Detroit, Mich. Toy motor. 1,940,552; Dec. 19.
- Leppin, Hans, Krefeld, Germany. Vat for wet treating of lengths of fabric. 1,913,601; June 13.
- Le Prieur, Yves P. G., and A. L. Ricordel, assignor to "La Precision Moderne", Paris, France. Sight for antiaircraft machine guns. 1,915,191; June 20.
- Leray, Joseph J., West Warwick, R. I. Helicopter and airplane. 1,922,167; Aug. 15.
- Lerch, Gustav, Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 1,927,269; Sept. 19.
- Lerch, Gustave, assignor to Marchant Calculating Machine Company, Oakland, Calif. Calculating machine. 1,938,851; Nov. 21.
- Lerch, Oliver M., Rimersburg, Pa. Flexible nonbreakable pipe stem joint. 1,921,530; Aug. 8.
- Lerche, Hugo, Vienna, Austria. Depositing and decorating device. 1,939,400; Dec. 12.
- Leriche, Willis, Allentown, Pa., and I. V. Beasley, Yukon, Okla., assignors to Cement Gun Company. Forming ditch linings. 1,924,560; Aug. 29.
- Lerio, Louis J., jr., assignor to The Lerio Patent Cup Company, Mobile, Ala. Turpentine cup. 1,911,696; May 30.
- Lerio Patent Cup Company, The. (See Lerio, Louis J., jr., assignor.)
- Lerner, Herman B., assignor to Hygiene Tube Company, Newark, N. J. Cellulose container. 1,913,839; June 13.
- Lerner, Herman B., assignor to Hygienic Tube and Container Company, Newark, N. J. Applicator. 1,918,706; July 18.
- Lerner, Friedrich, Vienna, Austria. Machine for the manufacturing of mouthpiece plugs and for their insertion in cigarette tubes. 1,906,798; May 2.

- Lerner, Samuel S., Chicago, Ill. Preparing a food product. 1,894,377; Jan. 17.
- Le Rouge, Jean, Boulogne-sur-Seine, assignor to l'Air Liquide, Societe Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Heat insulation for apparatus working at very low temperature. 1,910,024; May 23.
- Leroy, Everett R. (See Hicks, R. M., Leroy, and Collings.)
- Le Roy, Sherwood A., Alhambra, assignor to Processco, Limited, San Francisco, Calif. Retort closure. 1,929,644; Oct. 10.
- Lesage, Aaron D. (See Shreffler, E. O., and Lesage.)
- Lesage, Alfred, Schweinfurt, Germany. Starting device for outboard motors. 1,894,378; Jan. 17.
- Lesage, Alfred, Schweinfurt, Germany. Air cleaning apparatus. 1,917,310; July 11.
- Lesage, Alfred, Schweinfurt in Batavia, Germany. Fastening device for outboard-motors. 1,928,626; Oct. 3.
- Lescaillette, Richard F., Beaver Falls, assignor to Armstrong Cork Company, Lancaster, Pa. Strike for brick molds. 1,939,012; Dec. 12.
- Lescarboua, Louis. (See Waldron, R. A., Leto, and Lescarboua.)
- Leschke, Hans M., and P. J. Anselmo, San Francisco, Calif. Electric safe lock. 1,905,965; Apr. 25.
- Lesser, Arthur P., assignor to The Paper & Textile Machinery Company, Sandusky, Ohio. Shower pipe. 1,936,249; Nov. 21.
- Le Seuer, Lionel, Addiscombe, East Croydon, England. Steam generator. 1,929,555; Oct. 10.
- Lesh, Laurence J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Impulsing circuit. 1,906,321; May 2.
- Lesh, Laurence J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Selective signaling system. 1,914,376; June 20.
- Lesh, Laurence J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Radio tuner. 1,934,722; Nov. 14.
- Leslkar, John J., Temple, Tex. Cotton cleaning device for cotton gins. 1,894,182; Jan. 10.
- Leslie Company. (See Soderberg, Sten E. B., assignor.)
- Leslie, Frank G. (See Arthur, E. B., and Leslie.)
- Leslie, Frank R., White Bear Lake, Minn. Insulation. 1,939,306; Dec. 12.
- Leslie, Howard C., Milton, assignor to B R E Manufacturing Co., Hyde Park, Mass. Hinge connection for water closet seats and covers. 1,911,519; May 30.
- Leslie, Irving B., Newberry, S. C. License tags. 1,913,891; June 13.
- Leslie, William H., Toronto, Ontario, Canada. Centrifugal switch. 1,896,798; Feb. 7.
- Lesoine, John A., et al. (See Smith, Ernest L., assignor.)
- Lespérance, Alexandre, Montreal, Quebec, Canada. Portable pasteurizer for milk. 1,909,872; May 16.
- Lessig, Carl, and C. J. Carley, Dalton, Nebr. Game board. Des. 89,047; Jan. 17.
- Lessig, James, Ainsworth, Nebr. Mulcher. 1,910,299; May 23.
- Lessin, Morris E., assignor to Maurice Levy, New York, N. Y. Hand bag. 1,895,671; Jan. 31.
- Lessler, David R., Bridgeport, Conn. Combined gear shift and parking brake operating device. 1,908,907; May 16.
- Lessler, Lew W., Johnson City, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic film reel. 1,899,279; Feb. 28.
- Lessler, Lew W., Johnson City, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Intermittent movement for motion-picture projectors and the like. 1,940,312; Dec. 19.
- Lessmann, Gottfried, Rehbrücke, Germany, assignor to General Electric Company. Cut-out device for electric lamps. 1,934,435; Nov. 7.
- Lester, Charles W., Schenectady, N. Y. Locomotive steam dome. 1,914,377; June 20.
- Lester, Ciss, B. Laramie, Wyo. Ice-cream cone carrier and protector. 1,934,436; Nov. 7.
- Lester, Hope D., Miami, Fla. Transmission gear. 1,922,965; Aug. 15.
- Lester, Hope D., Miami, Fla. Automatic free wheeling mechanism. 1,940,357; Dec. 19.
- Lester, Joseph, New York, N. Y. Necktie rack. 1,899,813; Feb. 28.
- Lester, Nathan, assignor to P. & R. Tool Company, Worcester, Mass. Die casting machine. 1,900,863; Mar. 7.
- Lester, Roy A., El Paso, Tex. Trigger mechanism. 1,900,608; Mar. 7.
- Lester, William M., Shaker Heights, Ohio. Die casting machine. 1,898,671; Feb. 21.
- Lester, William M., Shaker Heights, Ohio. Gooseneck operating means for die casting pumps. 1,908,032; May 9.
- Le Sueur, Claude D., Richmond, England. Means for use in navigating and like operations. 1,901,755; Mar. 14.
- Le Sur, Pierre, Belfort, France, assignor to General Electric Company. Power installation. 1,919,981; July 25.
- Lethern, Albert A., assignor to The Mills Equipment Company Limited, London, England. Safety harness for aeronauts and the like. 1,898,090; Feb. 21.
- Leto, Victor F. (See Waldron, R. A., Leto, and Lescarboua.)
- Le Tourneau, Ray F. (See Spoor, I. H., and Le Tourneau.)
- Le Tourneau, Robert G., Stockton, Calif. Power control unit. 1,912,645; June 6.
- Le Tourneau, Robert G., Stockton, Calif. Spooling device for drum cables. 1,916,732; July 4.
- Le Tourneau, Robert G., Stockton, Calif. Sheave construction. 1,919,472; July 25.
- Le Tourneau, Robert G., Stockton, Calif. Roller. 1,931,766; Oct. 24.
- Letrilliart, Pierre, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Paris, France. Alternating current generator. 1,903,680; Apr. 11.
- Letrilliart, Pierre, assignor to Forges & Ateliers de Constructions Electriques de Jeumont, Paris, France. Asynchronous electrical machine. 1,906,164; Apr. 25.
- Lettermann, Adolf, Berlin, Germany. Orthopedic boot or shoe. 1,930,355; Oct. 10.
- Letters, Karl. (See Becker, E., and Letters.)
- Lettni, Donato A., Elizabeth, N. J. Clutch. 1,917,133; July 4.
- Letts, Harold W. (See Given, G. C., Letts, and Thomson.)
- Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
- Letz Manufacturing Company, The. (See Holland-Letz, William, assignor.)
- Leu, Charles, Bex, assignor to Société Anonyme pour le Traitement des Minerais Aluminio-Potassiques, Lausanne, Switzerland. Manufacture of phosphatic fertilizers. 1,910,617; May 23.
- Leubuscher, Frederic H., Verona, N. J. Watercourse, pool, and like construction and method of landscaping and preparing same. 1,924,721; Aug. 29.
- Leuchs, Otto. (See Dörr, E., Leuchs, and Rosenthal.)
- Leuchter, Richard L., Weidlingau-Hadersdorf, assignor to Gebrüder Hardy, Maschinenfabrik und Giesserei A. G., Vienna, Austria. Pressure release valve. 1,906,165; Apr. 25.
- Leukhardt, John C., jr., Washington, D. C. Cigarette and match pack. 1,918,476; July 18.
- Leun, Adolph V., and L. H. Roffe, Bethlehem, Pa., assignors to Bethlehem Steel Company. Insulating cement. 1,933,271; Oct. 31.
- Leupold, Frederick, assignor to Leupold, Volpel and Company, Portland, Oreg. Surveyor's compass. 1,936,846; Nov. 28.
- Leupold, Henry G., Cambridge, assignor to Electrical Laboratories, Inc., Boston, Mass. Temperature responsive apparatus. 1,909,971; May 23.
- Leupold, Mathias, et al. (See Parrett, Dent.)
- Leupold, Mathias, New York, N. Y. Six wheel automotive vehicle and driving means therefor. 1,914,266; June 13.
- Leupold, Mathias, New York, N. Y. Power braking and clutch releasing mechanism for automotive vehicles. 1,928,566; Sept. 26.
- Leupold, Mathias, Jamaica, N. Y. Steering and directing mechanism. 1,914,267; June 13.
- Leupold, Mathias, Jamaica, N. Y. Vacuum braking and clutch mechanism for vehicles. 1,928,567; Sept. 26.
- Leupold, Volpel and Company. (See Leupold, Frederick, assignor.)
- Leuser, Karl, New York, N. Y. Marcel waver. 1,927,709; Sept. 19.
- Leuthesser, Fred W., Oak Park, Ill. Air relief valve. 1,913,165; June 6.
- Leuthold, Armin. (See Boveri, W., and Leuthold.)
- Leuthold, Armin, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Preparing a mercury vapour rectifier for its initial normal state of operation. 1,912,151; May 30.
- Leutwiler, Richard W. (See Eichholz, W., and Leutwiler.)
- Leuvelink, Bernard, New York, and W. L. Betts, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric connector. 1,933,272; Oct. 31.
- Le Valley, John, Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Unloader for compressors. 1,899,002; Feb. 28.
- Le Valley, John, Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Start stop unloader for multiple stage compressors. 1,909,972; May 23.
- Le Valley, John R. (See Broido, R., and Le Valley.)
- Levan, John F., Elkhart, Ind., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Automatic adjustable weather-strip for window sashes. 1,895,289; Jan. 24.
- Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Double acting antirattler for windows. 1,911,697; May 30.
- Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Sash and window construction for automobile door bodies. 1,928,064; Sept. 28.
- Levasseur, Pierre, Paris, France. Screw propeller. 1,921,931; Aug. 8.
- Leve, Bernard and H., New York, N. Y. Vending machine. 1,938,843; Dec. 12.
- Leve, Hyman. (See Leve, Bernard and H.)
- Leve, Marcus S. (See Douglass, Henry J. and C. D., and Leve.)
- Leve, Marcus S., assignor to Pacific Can Company, San Francisco, Calif. Machine for lining can ends with a sealing compound. 1,912,851; June 6.
- Levenberg, Joseph L., and H. M. Seeberg, Los Angeles, Calif. Smoking stand. 1,921,933; Aug. 8.
- Levene, Albert H., New York, N. Y. Radiator hood. 1,908,371; May 9.

- Levene, Louis L., Merrick, N. Y. Doorcheck. 1,919,338; July 25.
- Levenson, Herbert S., Brooklyn, N. Y. Thermal composition of matter. 1,894,775; Jan. 17.
- Levenson, Herman, Brooklyn, N. Y. Refreshment cart or similar article. Des. 88,880; Jan. 3.
- Levenson, Louis. (See Berger, S. L., and Levenson.)
- Levenson, Simon, New York, N. Y. Embroidered letter for monograms. 1,893,422; Jan. 3.
- Leventhal, Jacob F., New York, N. Y., assignor to The First National Bank of Chattanooga, Chattanooga, Tenn. Synchronizing device for motion picture apparatus. 1,910,995; May 23.
- Leventhal, Jacob F., New York, N. Y., assignor to The First National Bank of Chattanooga, trustee, Chattanooga, Tenn. Film feeding device. 1,935,572; Nov. 14.
- Leventis, Peter P., Gastonia, N. C. Brake for motor vehicles. 1,896,963; Feb. 7.
- Lever Bias Machine Corporation. (See Gardner, Percy, assignor.)
- Levi, Paul, Gowanda, N. Y. Tire chain. 1,935,035; Nov. 14.
- Levi, Tullio G. (See Bruni, G., and Levi.)
- Levin, Abraham J., et al. (See Wahrhaftig, J., and Cullen, assignors.)
- Levin, David, assignor to The Fergusson Drug Company, Philadelphia, Pa. Container. 1,909,199; May 16.
- Levin-Forman Corporation. (See Harrell, Ernest A., assignor.)
- Levin, Harold L., Nutley, N. J., assignor to The Flintkote Corporation, Boston, Mass. Flooring composition and producing the same. 1,911,631; May 30.
- Levin, Isaac, Brooklyn, N. Y. Garment hanger. 1,906,979; May 2.
- Levin, Isaac H., Pittsburgh, Pa. Separating gaseous mixtures into their constituents. 1,917,891; July 11.
- Levin, Isaac H., Pittsburgh, Pa. Apparatus for and method of producing compressed gas. 1,921,531; Aug. 8.
- Levin, Joseph, Brooklyn, N. Y. Electric terminal connection. 1,928,157; Sept. 26.
- Levin, Louis, Los Angeles, assignor to M. E. Zimmon, Beverly Hills, Calif. Golf score counter. 1,940,134; Dec. 19.
- Levin, Moses A., Baltimore, Md. Toothbrush. 1,913,990; June 13.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Controlling means for knitting machines. 1,902,870; Mar. 28.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Knitting machine and knitting. 1,907,185; May 2.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Pattern mechanism for circular rib knitting machines. 1,911,698; May 30.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Design wheel. 1,925,449; Sept. 5.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Knitting machine with inclined design wheel. 1,925,450; Sept. 5.
- Levin, Nathan, Trenton, N. J., assignor to H. Brinton Company, Philadelphia, Pa. Tubular rib fabric. 1,936,024; Nov. 21.
- Levin, Nils D., Columbus, Ohio. Stocking supporter. 1,919,299; July 25.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Electrical control system for mining machinery. 1,903,702; Apr. 11.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Electric equipment for mining machines. 1,903,703; Apr. 11.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Coal cutting machine. 1,904,488; Apr. 18.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Coal mining apparatus. 1,904,489; Apr. 18.
- Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Conveyor. 1,917,134; July 4.
- Levin, Nils D., and J. S. Beltz, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Electric equipment for mining machines. 1,903,701; Apr. 11.
- Levin, Nils D., and J. S. Beltz, assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Electric equipment for mining machines. 1,903,704; Apr. 11.
- Levine, Abraham, Elizabeth, N. J. Bag lock. Des. 90,409; Aug. 1.
- Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, New York, N. Y. Luggage carrier garment supporter. 1,932,222; Oct. 24.
- Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, New York, N. Y. Lock. 1,938,342; Dec. 5.
- Levine, Bernhard, Bronx, N. Y. Bookmaking machine attachment. 1,904,645; Apr. 18.
- Levine, David I. (See Steele, C. W., and Levine.)
- Levine, Joseph, New York, N. Y. Safety razor blade sharpener. 1,937,281; Nov. 28.
- Levine, Louis, Cincinnati, Ohio. Automobile cover. 1,905,973; Apr. 25.
- Levine, Morris, assignor, by mesne assignments, to The Lehon Company, Chicago, Ill. Air blown asphalt product. 1,934,315; Nov. 7.
- Le Viness, Raymond P. (See Goddard, A. C., and Le Viness.)
- Levinsky, Georges, and C. Marsal, Paris, France. Removable stitching and binding device. 1,926,490; Sept. 12.
- Levinsohn, Julius C., New York, N. Y. Vest construction. 1,927,179; Sept. 19.
- Levinsohn, Louis N., New York, N. Y. Package display stand. Des. 90,492; Aug. 15.
- Levinson, Abraham. (See Zielsinski, J., and Levinson.)
- Levinson, Arthur A., assignor to Selected Chemicals, Inc., Chicago, Ill. 7 ethoxy 4 methyl coumarin. 1,934,361; Nov. 7.
- Levinson, Benjamin, Westmount, Montreal, Quebec, Canada. Bed spring. 1,908,520; May 9.
- Levinson, Ruvin, Paris, assignor to Societe Anonyme: Le Mondial, Puteaux, Seine, France. Device for opening bulbs closed by welding and their application to fire extinguishers. 1,919,848; July 25.
- Levis, Robert B., Chicago, Ill., assignor to Bird & Son, Inc., East Walpole, Mass. Roofing product. Re18,919; Aug. 22.
- Levis, Robert B., Chicago, Ill., assignor to Bird & Son, Inc., East Walpole, Mass. Machine and method for producing roofing. 1,928,835; Oct. 3.
- Levis, W. Kent, Selma, Calif. Irrigation pipe screen. 1,905,919; Apr. 25.
- Levison, Robert, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, near Asheville, N. C. Spool and spool holder for threads, such as rayon or artificial silk. 1,928,979; Oct. 3.
- Levitan, Nathan A., Brooklyn, assignor, by mesne assignments, to A. H. Serrell, New York, N. Y. Smoker's stand. 1,937,282; Nov. 28.
- Levitan Manufacturing Company. (See Ratner, Elias, assignor.)
- Levitt, Abe, et al. (See Cooperstein, I. and A., and Levitt.)
- Levitt, David D., Rochester, N. Y. Catapult for game apparatus. 1,893,865; Jan. 10.
- Levitt, Percy B. (See Filippi, J. F., Masek, and Levitt.)
- Levitt, Percy B., and T. S. Blair, Jackson Heights, assignor to Doherty Research Company, New York, N. Y. Pressure alleviator. 1,910,345; May 23.
- Leykoff, Evelyn G., Brooklyn, N. Y. Box. Des. 90,720; Sept. 19.
- Leykoff, Evelyn G., Brooklyn, N. Y. Display box. 1,925,102; Sept. 5.
- Leykoff, Evelyn G., Rockaway Park, N. Y. Folding box. 1,907,937; May 9.
- Leykoff, Evelyn G., Rockaway Park, N. Y. Display box. 1,934,362; Nov. 7.
- Lewov, David, et al. (See Freeman, Samuel, assignor.)
- Lewov, David, New York, N. Y. Snowguard. 1,925,263; Sept. 5.
- Levy, Abraham, Brooklyn, N. Y. Clock case or similar article. Des. 91,117; Nov. 28.
- Levy, Abraham, Brooklyn, N. Y. Cone machine. 1,920,650; Aug. 1.
- Levy, Abraham, assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock case or similar article. Des. 91,140; Dec. 5.
- Levy, Abraham, assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Combined clock case and lamp or similar article. Des. 91,172; Dec. 12.
- Levy, Abraham, assignor to United Metal Goods Mfg. Co., Inc., Brooklyn, N. Y. Clock or similar article. Des. 91,208; Dec. 19.
- Levy, Alfred, Nuremberg, Germany. Toy crane. 1,931,734; Oct. 24.
- Levy-Anderson Co. (See Anderson, Maurice, assignor.)
- Levy, Arthur S., Birmingham, Ala., assignor, by mesne assignments, to Dixie Dental Manufacturing Co., Philadelphia, Pa. Interchangeable porcelain roof facing. 1,905,595; Apr. 25.
- Levy, Ben, and H. J. Hanson, Portland, Oreg. Vehicle and the like. 1,937,900; Dec. 5.
- Levy, Dudley D., assignor to Dudley Research Corporation, New York, N. Y. Tool coupling. 1,915,370; June 27.
- Levy, Dudley D., assignor to Dudley Research Corporation, New York, N. Y. Shock absorbing mechanism. 1,925,101; Sept. 5.
- Levy, Harry. (See Bellavance, A. W., and Levy.)
- Levy, Israel. (See Carroll, J., and Levy.)
- Levy, Joseph, Brooklyn, N. Y., assignor, by mesne assignments, to Beach & Arthur, Inc., Indianapolis, Ind. Container. Re18,711; Jan. 10.
- Lévy, Joseph, deceased, Courbevoie, France; H. Adelman, administrator. Fire-extinguisher. 1,925,669; Sept. 5.
- Levy, Leonard A., and D. W. West, assignors to British Radiostat Corporation Limited, London, England. Piezo-electric device. 1,930,763; Oct. 17.
- Levy, Lucien, Paris, France. Superheterodyne receiving system. 1,893,779; Jan. 10.
- Levy, Lucien, Paris, France. Frequency changer. 1,899,622; Feb. 28.
- Levy, Maurice. (See Lessin, Morris E., assignor.)
- Levy, Maurice L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Radio-signaling system. 1,901,350; Mar. 14.
- Levy, Nathan R., Flushing, and E. C. Dollin, Melba, assignors to A. C. Horn Company, Long Island City, N. Y. Washing machine. 1,935,212; Nov. 14.
- Levy, Oscar C., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multi-office telephone system. 1,901,177; Mar. 14.

- Levy, Oscar C., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 1,930,525; Oct. 17.
- Levy, Oscar C., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,935,910; Nov. 21.
- Levy, Robert J., New York, N. Y. Knit sweater. Des. 89,019; Jan. 10.
- Levy, Samuel S., Passaic, N. J. Venetian blind. 1,929,071; Oct. 8.
- Levy, Sidney, San Francisco, Calif. Diaphragm support. 1,925,639; Sept. 5.
- Levy, Stanley I., Kingston Hill, England. Removing arsenic and chlorine from sulphur. 1,904,484; Apr. 18.
- Levy, Stanley I., Ottershaw, Kingston Hill, and W. S. Millar, deceased, late of Middlesex, by H. Dering, executor, Tregenna, Cherry Orchard Staines, England, assignors to Sulphide Corporation of New York. Treating sulphide materials. 1,929,502; Oct. 10.
- Levy, Sylvan N., Arden, Del. Alloy tool steel. 1,927,986; Sept. 26.
- Lewallen, Worth M., High Point, N. C. Chair. 1,921,932; Aug. 8.
- Lewellen, Albert R., Detroit, Mich., assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,915,680; June 27.
- Lewellen, Albert R., Detroit, Mich., assignor to Delco-Remy Corporation, Anderson, Ind. Switch mechanism. 1,924,248; Aug. 29.
- Lewellen, Darcey E., and E. F. Lewellen, Columbus, Ind. Stock consistency control. 1,933,814; Nov. 7.
- Lewellen, Emmons F. (See Lewellwn, Darcey E. and E. F.)
- Lewerentz, Sigurd, Stockholm, Sweden. Window having frames and metal sashes. 1,934,546; Nov. 7.
- Lewers, William W., Flint, Mich., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ether composition. 1,900,507; Mar. 7.
- Lewin, Tannie, assignor of one-half to W. Lewin, University City, Mo. Molding or casting apparatus. 1,909,773; May 16.
- Lewin, William. (See Lewin, Tannie, assignor.)
- Lewinsohn, Henry and T. Goldfinger, New York, N. Y. Illuminated mirror. 1,930,244; Oct. 10.
- Lewinson, Adolf, Berlin-Charlottenburg, Germany. Making alcohol-weak beverages. 1,899,512; Feb. 28.
- Lewis Air Conditioners, Inc. (See Lewis, Carroll E., assignor.)
- Lewis, Albert O., White Hall, Glais, Wales. Hair waver. 1,904,150; Apr. 18.
- Lewis, Alexander T., and D. E. French, Merion, Pa., assignors, by mesne assignments, to Carrier Research Corporation, Newark, N. J. Heating coil. 1,917,042; July 4.
- Lewis, Alfred, assignor of one-half to G. Glatzer, New York, N. Y. Eyelash curler. 1,939,013; Dec. 12.
- Lewis, Alvin, New York, N. Y. Display card rack. 1,912,642; June 6.
- Lewis, Alvin, New York, N. Y. Display card rack. 1,912,643; June 6.
- Lewis, Arthur J., assignor to The Baird Machine Company, Stratford, Conn. Multiple spindle lathe. 1,895,078; Jan. 24.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Work spindle drive for chucking machines. 1,895,079; Jan. 24.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Chucking machine. 1,900,387; Mar. 7.
- Lewis, Arthur J., Stratford, Conn., assignor to A. Schrader's Son, Inc., New York, N. Y. Machine for making and assembling a valve pin and valve gasket support. 1,901,459; Mar. 14.
- Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Multiple chucking machine. 1,911,632; May 30.
- Lewis, Arthur J., and J. W. Richardson, Stratford, Conn., and C. J. Spill, Garden City, assignors to A. Schrader's Son, Inc., Brooklyn, N. Y. Valve pin washer and ferrule maker and assembler. 1,920,264; Aug. 1.
- Lewis, Arthur J., and J. W. Richardson, Stratford, Conn., and C. J. Spill, Garden City, assignors to A. Schrader's Son, Inc., Brooklyn, N. Y. Spring and spring cup maker and assembler. 1,920,265; Aug. 1.
- Lewis, Arthur J., and J. W. Richardson, Stratford, Conn., C. J. Spill, Garden City, N. Y., and H. B. Haven, Milford, Conn., assignors to A. Schrader's Son, Inc., Brooklyn, N. Y. Assembling machine. 1,920,266; Aug. 1.
- Lewis, Arthur W. (See Bowen, Oliver G., assignor.)
- Lewis, Arthur W., assignor to Petroleum Derrick Co. Ltd., La Canada, Calif. Derrick construction. 1,935,095; Nov. 14.
- Lewis, Benjamin, Woodside, and W. Joseph, Long Island City, N. Y. Pipe cleaner. 1,896,004; Jan. 31.
- Lewis, Benjamin P., Rolla, Mo. Duplicator. 1,923,219; Aug. 22.
- Lewis Bolt & Nut Company. (See Sardeson, Robert, assignor.)
- Lewis, Carroll E., assignor, by mesne assignments, to Lewis Air Conditioners, Inc., Minneapolis, Minn. Atomizer with cleaning and flushing attachment. 1,910,025; May 23.
- Lewis, Carroll E., W. H. McLelland, and R. Ferris, Minneapolis, Minn. Vaporizer. 1,909,973; May 23.
- Lewis, Charles H. (See Barnard, Elmer E., assignor.)
- Lewis, Charles H. (See Urbain, Oliver M., assignor.)
- Lewis Differential Company. (See Tatter, John W., assignor.)
- Lewis Differential Company. (See Tatter, J. W., and Sampson, assignors.)
- Lewis, Donald C. (See Reid, E. W., and Lewis.)
- Lewis, Edmund W. (See Wright, F. H., and Lewis.)
- Lewis, Edward F., St. Albans, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Head rod clamp. 1,940,958; Dec. 26.
- Lewis, Edward Z., Chicago, Ill. Automatically feeding printed forms into a typewriter. 1,938,703; Dec. 12.
- Lewis, Edwin, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Molding. 1,919,300; July 25.
- Lewis, Edwin S., St. John, Mo. Pipe closure. 1,907,840; May 9.
- Lewis, Emory S. (See Cook, W., and Lewis.)
- Lewis Engineering Company, The. (See Johnson, Manfred J., assignor.)
- Lewis, Eric C., Stoke, Coventry, England. Piston. 1,914,268; June 13.
- Lewis, Ernest H., Verdun, Quebec, Canada. Position and altitude finder. 1,916,765; July 4.
- Lewis, Florence N., New York, N. Y. Atomizer ensemble and container therefor. Des. 90,721; Sept. 19.
- Lewis, Florence N., New York, N. Y. Atomizer. Des. 90,722; Sept. 19.
- Lewis, Florence N., New York, N. Y. Atomizer ensemble and container therefor. Des. 90,723; Sept. 19.
- Lewis, Florence N., New York, N. Y. Fitted traveling bag. 1,900,508; Mar. 7.
- Lewis, Frances H., Princeton, N. J. Garment. 1,915,324; June 27.
- Lewis, Frank E., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic elevator system. 1,925,873; Sept. 5.
- Lewis, Frank E., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor control system. 1,934,507; Nov. 7.
- Lewis, Franklin M., Portland, Oreg. Oil well heater. 1,915,895; June 27.
- Lewis, G. B., Company. (See Frater, Gordon G., assignor.)
- Lewis, George K., assignor to Met-L-Wood Corporation, Chicago, Ill. Vehicle body construction. 1,894,356; Jan. 17.
- Lewis, George K., assignor to C. C. Kendrick, Chicago, Ill. Molding construction for composite panels. 1,900,824; Mar. 7.
- Lewis, George K., assignor to C. C. Kendrick, Chicago, Ill. Frameless vehicle body. 1,910,397; May 23.
- Lewis, George K., assignor to Met-L-Wood Corporation, Chicago, Ill. Composite laminated panel. 1,921,164; Aug. 8.
- Lewis, George K., assignor to C. C. Kendrick, Chicago, Ill. Composite panel joint construction. 1,928,902; Oct. 3.
- Lewis, George K., assignor to C. C. Kendrick, Chicago, Ill. Edge formation for composite panels and making same. 1,930,345; Oct. 10.
- Lewis, George S., Evanston, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Bicycle sprocket wheel ornament. Des. 89,083; Jan. 24.
- Lewis, George S., Evanston, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Bicycle frame. Des. 89,132; Jan. 31.
- Lewis, George S., Evanston, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Bicycle frame. Des. 89,133; Jan. 31.
- Lewis, George S., Evanston, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Bicycle front fork. Des. 89,134; Jan. 31.
- Lewis, George S., Evanston, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Bicycle lower rear fork. Des. 89,135; Jan. 31.
- Lewis, George W., Grinnell, Iowa. Wringer. 1,894,594; Jan. 17.
- Lewis, Goodrich Q., Wheaton, assignor to W. H. Miner, Inc., Chicago, Ill. Bumper. 1,902,651; Mar. 21.
- Lewis, Goodrich Q., Wheaton, assignor to W. H. Miner, Inc., Chicago, Ill. Testing apparatus. 1,921,624; Aug. 8.
- Lewis, Harold A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of polyhydric alcohols. 1,895,517; Jan. 31.
- Lewis, Harold A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 1,918,920; July 18.
- Lewis, Harold M., Douglaston, assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Frequency transformation system. 1,898,366; Feb. 21.
- Lewis, Harold R., assignor to Sprague-Sells Corporation, Hoopeston, Ill. Corn silker. 1,904,740; Apr. 18.
- Lewis, Harry F. (See Lenher, S., and Lewis.)
- Lewis, Harvey H. (See Jones, A. E., and Lewis.)
- Lewis, Henry G., assignor to Electric Service Supplies Company, Philadelphia, Pa. Terminal connections for lamp guard sockets or the like. 1,894,538; Jan. 17.
- Lewis, Herman L., Don Martin, Mexico. Hydraulic steering mechanism. 1,899,814; Feb. 28.
- Lewis, Howard B. (See Burns, B., and Lewis.)
- Lewis, Howard B. (See Burns, B., Lewis, and Otis.)

- Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)
- Lewis Invisible Stitch Machine Company. (See Gruman, Horace F., assignor.)
- Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
- Lewis, Jacob D. (See Lindquist, D. L., and Lewis.)
- Lewis, James O., assignor to D L P Valve Company, a Trust, Tulsa, Okla. Valve. 1,921,298; Aug. 8.
- Lewis, John F., Caldwell, Kans. Lens. 1,933,988; Nov. 7.
- Lewis, John W. (See Swartz, N. A., and Lewis.)
- Lewis, Joseph R. (See Ott, C. S., and Lewis.)
- Lewis, Kenneth B., assignor of one-half to Morgan Construction Company, Worcester, Mass. Coil-handling apparatus. 1,907,841; May 9.
- Lewis, Kenneth R., Orchard Lake, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Load lifting and weighing device. 1,897,171; Feb. 14.
- Lewis, Kenneth R., and D. C. Waugh, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Vulcanizing device. 1,923,736; Aug. 22.
- Lewis, Leo L. (See Stacey, A. E., Jr., Lewis, and Smith.)
- Lewis, Leo L., Plainfield, assignor to Carrier Engineering Corporation, Newark, N. J. Apparatus for conditioning enclosures. 1,902,563; Mar. 21.
- Lewis, Lester L., assignor of two-thirds to Blair Strip Steel Company, New Castle, Pa. Annealing art. 1,898,674; Feb. 21.
- Lewis, Lester L., assignor of two-thirds to Blair Strip Steel Company, New Castle, Pa. Annealing. 1,921,934; Aug. 8.
- Lewis, Lloyd L., Wollaston, Mass. Stanchion. 1,905,596; Apr. 25.
- Lewis, Lloyd V., Edgewood borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Lamp receptacle. 1,897,668; Feb. 14.
- Lewis, Lloyd V., Edgewood, and E. S. Cook, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Train control device. 1,914,608; June 20.
- Lewis, M. J., Products Company, The. (See Lewis, Morgan J., assignor.)
- Lewis, Manuel E. (See Ott, C. S., and Lewis, assignors.)
- Lewis, Miles J., Long Beach, Calif. Well bore straightening tool. 1,902,174; Mar. 21.
- Lewis, Morgan J., Massillon, Ohio, assignor to The M. J. Lewis Products Company, Philadelphia, Pa. Service box. 1,898,634; Feb. 21.
- Lewis, Morgan J., Massillon, Ohio, assignor to The M. J. Lewis Products Company, Philadelphia, Pa. Electric switch. 1,921,419; Aug. 8.
- Lewis, Orval M., Shelton, Wash. Brake equalizer. 1,904,004; Apr. 18.
- Lewis, Oscar W., Rumford, Maine, assignor to Continental Paper and Bag Corporation, New York, N. Y. Folded bag. 1,928,696; Oct. 3.
- Lewis, Richard W., New York, N. Y. Light projector. 1,892,898; Jan. 3.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Drop testing machine. 1,901,460; Mar. 14.
- Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Testing machine for beams. 1,924,866; Aug. 29.
- Lewis, Robert H. (See Anderson, C., and Lewis.)
- Lewis, Robert H. (See Mylius, W. G., Rutter, and Lewis.)
- Lewis, Robert H., assignor to Firestone Battery Company, Akron, Ohio. Receptacle having a handle. 1,903,185; Mar. 28.
- Lewis, Robert O., assignor to Grigsby-Grunow Company, Chicago, Ill. Condenser and making the same. 1,900,352; Mar. 7.
- Lewis, Roy A., Bethlehem, Pa., assignor to Bethlehem Steel Company. Burner construction. 1,924,938; Aug. 29.
- Lewis-Shepard Company. (See Hennessy, Daniel E., assignor.)
- Lewis, Thomas J., New York, N. Y. Vanity case or compact. 1,897,522; Feb. 14.
- Lewis, Thornton, Cynwyd, Pa., assignor, by mesne assignments, to Carrier Research Corporation, Newark, N. J. Cooling unit. 1,917,043; July 4.
- Lewis, Walter J., Cleveland, Ohio. Engraving, printing, or stamping machine. 1,908,770; May 16.
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Separating mixtures of substances only partially miscible. 1,911,832; May 30.
- Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Recovering volatile liquids from solvents and the apparatus therefor. 1,919,594; July 25.
- Lewis, Warren K., assignor to Standard Oil Development Company, Newton, Mass. Treatment of gases. 1,934,075; Nov. 7.
- Lewis, Wilbur S., Lakewood, assignor to The Nestle-Le Mur Company, Cleveland, Ohio. Socket for permanently waving hair. 1,927,001; Sept. 12.
- Lewis, Wilbur S., Lakewood, assignor to The Nestle-Le Mur Company, Cleveland, Ohio. Hair curling device. 1,941,439; Dec. 26.
- Lewis, William A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Compensated relay system for ground faults. 1,897,022; Feb. 7.
- Lewis, William J., Clarksdale, Miss. Stalk-cutting machine. 1,901,310; Mar. 14.
- Lewis, William T. (See Eells, Milton M., assignor.)
- Lewis, William T., Racine, Wis. Therapeutic lamp. 1,911,196; May 30.
- Lewis, William T., Racine, and A. R. Woolfolk, Wauwatosa, Wis., said Woolfolk assignor to said Lewis. Radio receiving system. 1,923,155; Aug. 22.
- Lewison, Lawrence M., Sioux Rapids, Iowa. Ground leveling attachment for tractor cultivators. 1,907,842; May 9.
- Lewnes, William, assignor to Pota Chiguracos, Brooklyn, N. Y. Cigarette case. 1,897,702; Feb. 14.
- Lewy, Daniel. (See Butusov, Emil P., assignor.)
- Lexa, George J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Torque motor brake control. 1,928,293; Sept. 26.
- Ley, George A., Chicago, Ill. Lamp stand. 1,919,114; July 18.
- Ley, George Albert, Chicago, Ill. Tripod. 1,894,695; Jan. 17.
- Ley, Paul, and L. Teichmann, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sodium sulphide. 1,916,803; July 4.
- Leyes, Louis, City Island, N. Y. Mechanical movement. 1,904,151; Apr. 18.
- Leyland, Thomas J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Washing and cleaning glass sheets. 1,895,934; Jan. 31.
- Leyner, Charles P., and R. M. Leyner, Denver, Colo. Finishing surfaces of materials composed in part of vegetable fibers. 1,929,117; Oct. 3.
- Leyner, Frank J., Lafayette, Colo. Ice tray. 1,935,405; Nov. 14.
- Leyner, Rosa M. (See Lyner, C. P. and R. M.)
- L'Hollier, Leslie H., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Shoe sole. Des. 88,881; Jan. 3.
- Lhomme, Roger. (See Ottinger, N., and Lhomme.)
- Liamin, Dimitri. (See Goldman, J., and Liamin.)
- Liang, Ming T., Tientsin, China. Spring suspension for automobile chassis. 1,894,776; Jan. 17.
- Liban, Tadeusz, Cracow, Poland. Applying metal coating. 1,914,269; June 13.
- Libbey Cataphote Corporation. (See Garbarini, André, assignor.)
- Libbey Cataphote Corporation. (See Seidenberg, Edwin J., assignor.)
- Libbey Glass Manufacturing Company, The. (See Nash, Arthur D., assignor.)
- Libbey Glass Manufacturing Company, The. (See Parker, Alvah C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Allison, William H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ball, Edward M., assignor.)
- Libbey-Owens-Ford Glass Company. (See Beeson, Theodore, assignor.)
- Libbey-Owens-Ford Glass Company. (See Belknap, William J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Blair, James C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Burrell, Charles D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Cone, Carroll, assignor.)
- Libbey-Owens-Ford Glass Company. (See Crowley, Joseph P., assignor.)
- Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Drake, J. L., and Handy, assignors.)
- Libbey-Owens-Ford Glass Company. (See Ferngren, Enoch T., assignor.)
- Libbey-Owens-Ford Glass Company. (See Fraser, F., and Watkins, assignors.)
- Libbey-Owens-Ford Glass Company. (See Goodwillie, D. H., and Walters, assignors.)
- Libbey-Owens-Ford Glass Company. (See Hamann, Henry J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Handy, Le Roy L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Kranich, Henry O., assignor.)
- Libbey-Owens-Ford Glass Company. (See Leyland, Thomas J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Louviaux, Raoul J., assignor.)
- Libbey-Owens-Ford Glass Company. (See Mambourg, Luke C., assignor.)
- Libbey-Owens-Ford Glass Company. (See McKinley, Thomas C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Miller, Harvey C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Natlis, Octave C., assignor.)
- Libbey-Owens-Ford Glass Company. (See Randall, James W. H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Reede, Joseph A., assignor.)
- Libbey-Owens-Ford Glass Company. (See Schafer, Conrad B., assignor.)
- Libbey-Owens-Ford Glass Company. (See Schutz, H. R., and Robinson, assignors.)
- Libbey-Owens-Ford Glass Company. (See Trinks, Willibald, assignor.)

- Libbey-Owens-Ford Glass Company. (See Watkins, George B., assignor.)
- Libbey-Owens-Ford Glass Company. (See Watkins, G. B., and Boicey, assignors.)
- Libbey-Owens-Ford Glass Company. (See Wildermuth, William, assignor.)
- Libbey, W. S., Company. (See Libbey, Winfield S., assignor.)
- Libbey, Winfield S., Lewiston, Maine, assignor to W. S. Libbey Company. Fabric and making the same. 1,922,444; Aug. 15.
- Libby, Albion D. T. (See Moore, E., and Engel, assignors.)
- Libby, Charles R. (See Jennings, C. S., and Libby.)
- Libby, Charles R., assignor to The Lamson Company, Syracuse, N. Y. Stop mechanism. 1,914,779; June 20.
- Libby, Clarence E., Syracuse, N. Y., assignor to National Aluminate Corporation, Chicago, Ill. Paper making. 1,929,205; Oct. 3.
- Libby, McNeill & Libby. (See Neville, John J., assignor.)
- Libby, McNeill & Libby. (See Robbins, Frank, assignor.)
- Libby, McNeill & Libby. (See Shoji, George K., assignor.)
- Lieberknecht, Karl, G. m. b. H. (See Verbeek, Arnold F., assignor.)
- Lieberman, Alexander I., Paris, France. Photographic developing apparatus. 1,900,825; Mar. 7.
- Lieberman, Alexander J., Berlin, Germany. Device for cutting out sections of a photographic film for development. 1,893,092; Jan. 8.
- Libert, Marcel, Paris, France. Textile fabric or similar article. Des. 89,008; Jan. 10.
- Libert, Marcel, Paris, France, assignor to William Willheim Co. Inc., New York, N. Y. Textile fabric or similar article. Des. 90,289; July 11.
- Lieberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Bituminous emulsions and making same. 1,940,807; Dec. 26.
- Liberty Baking Corporation. (See Keefer, William F., assignor.)
- Liberty Lace and Netting Works. (See Moosherr, John, assignor.)
- Liberty Refrigeration Corporation. (See Readie, James H., Jr., assignor.)
- Lichamer, Frank, Berwyn, Ill. Backwater controlling device. 1,914,780; June 20.
- Licher, Frank, Attleboro, Mass., assignor, by mesne assignments, to Frank S. Land, Kansas City, Mo. Brooch. Des. 90,078; June 6.
- Lichten, Arthur S., et al. (See Shulik, William, assignor.)
- Lichtenberg, Erich H. (See Osman, R. T., and Lichtenberg.)
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Rubber jointed chain for trench excavating devices. 1,896,711; Feb. 7.
- Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Aggregates weighing loading skip. 1,896,906; Feb. 7.
- Lichtenberg, Erich H., and W. A. Nelson, assignors to Koehring Company, Milwaukee, Wis. Subgrade planer. 1,895,559; Jan. 10.
- Lichtenberger, Theodor, Stuttgart, Germany. Coal and water gas process. 1,925,490; Sept. 5.
- Lichtenstein, Joseph, Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Hydraulic system. 1,906,980; May 2.
- Lichtenstein, Ludwig, Vienna, Austria, and J. Klein, deceased, Koeniginhof, Czechoslovakia, by Hedwig Martha Klein, executrix, Baden, near Vienna, Austria. Vat dye printing. 1,919,792; July 25.
- Lichtenthaeler, Frank E., Newton Highlands, Mass. Concentrating dilute aqueous solutions. 1,912,585; June 6.
- Lichtenthaeler, Frank E., Newton Highlands, Mass., assignor to The Lummus Company, New York, N. Y. Distillation and the like. 1,934,674; Nov. 7.
- Lichterman, Abraham, New Rochelle, N. Y. Apparatus for dispensing milk. 1,939,906; Dec. 19.
- Lichtig, Abraham J., Oakland, Calif. Clothes bag. Re18,799; Apr. 18.
- Lichtig, Abraham J., Oakland, Calif. Hanger for garment bags. 1,907,552; May 9.
- Lichty, Luther D., assignor to Duplex Swing-Spring Seat Company, Inc., Reading, Pa. Furniture seat. 1,927,238; Sept. 19.
- Lichty, Luther D., assignor to Duplex Swing-Spring Seat Company, Inc., Reading, Pa. Furniture seat. 1,928,999; Oct. 3.
- Lichty, Warren C. (See Noland, George B., assignor.)
- Lidbert, John A., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Chute rake and ordering device. 1,929,146; Oct. 3.
- Liddell, Robert P. F., Morris Township, assignor to Motor Improvements, Inc., Newark, N. J. Filter. 1,913,401; June 13.
- Liddell, Robert P. F., Morris Township, Morris County, assignor to Motor Improvements, Inc., Newark, N. J. Filtering system. 1,913,402; June 13.
- Lido Folding Rest Company. (See Stokby, Axel S., assignor.)
- Lidseen, Gustave, Chicago, Ill. Pipe bending machine support. 1,899,280; Feb. 28.
- Lidseen, Gustave, Chicago, Ill. Pipe bending apparatus. 1,899,281; Feb. 28.
- Lidsky, Louis, assignor to Wigly Candy Company, Brooklyn, N. Y. Apparatus for the formation of hollow articles. 1,898,194; Feb. 21.
- Lieb Cement Process Company. (See Lieberman, Joe, assignor.)
- Liebel-Flarsheim Company, The. (See Jacquélet, R. C., and Liebel, assignors.)
- Liebel, John G. H., Cincinnati, Ohio, assignor, by mesne assignments, to The Union Switch & Signal Company. Alternating current rectifying element. 1,901,756; Mar. 14.
- Liebel, John G. H. (See Jacquélet, R. C., and Liebel.)
- Liebenberg, Arthur J., assignor to The Warner Elevator Manufacturing Company, Cincinnati, Ohio. Elevator controller. 1,929,391; Oct. 3.
- Lieber, Eugene, assignor to Standard Oil Development Company, Cranford, N. J. Carbon remover. 1,934,076; Nov. 7.
- Lieber, Hugo, assignor to Sonotone Corporation, New York, N. Y. Earpiece for ear phones. 1,893,474; Jan. 3.
- Lieber, Hugo, assignor, by mesne assignments, to Lieber Patents Corporation, New York, N. Y. Hearing-aid device. 1,940,553; Dec. 19.
- Lieber, Hugo, and E. C. Nicholides, assignors, by mesne assignments, to Lieber Patents Corporation, New York, N. Y. Microphonic amplifier hearing-aid device. 1,939,627; Dec. 12.
- Lieber Patents Corporation. (See Lieber, Hugo, assignor.)
- Lieber Patents Corporation. (See Lieber, H., and Nicholides, assignors.)
- Lieberenz, Edward O., Jonesboro, Ark. Roller skate. 1,924,948; Aug. 29.
- Lieberherr, Arthur, assignor to the Firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. High pressure water tube steam generator. 1,910,843; May 23.
- Lieberherr, Arthur, assignor to the Firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Steam generator fed by centrifugal pumps. 1,938,916; Dec. 12.
- Lieberknecht, Karl, G. m. b. H. (See Lieberknecht, Karl R., assignor.)
- Lieberknecht, Karl K., Oberlungwitz, Germany. Driving mechanism for flat knitting frames. 1,899,875; Feb. 28.
- Lieberknecht, Karl K., Oberlungwitz, Germany. Manufacturing stockings on straight knitting machines in continuous operation. 1,923,984; Aug. 22.
- Lieberknecht, Karl R., Oberlungwitz, Germany. Lace attachment for flat knitting machines. 1,920,087; July 25.
- Lieberknecht, Karl R., Oberlungwitz, Germany. Knocking over device for flat hosiery frames. 1,923,985; Aug. 22.
- Lieberknecht, Karl R., Oberlungwitz, Germany. Attachment for flat-knitting machines. 1,939,505; Dec. 12.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Knitting machine needle bar lock. 1,899,577; Feb. 28.
- Lieberknecht, Karl R., assignor to Karl Lieberknecht G. m. b. H., Oberlungwitz, Germany. Making full fashioned stockings. 1,901,757; Mar. 14.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Full fashioned knitting machine. 1,923,545; Aug. 22.
- Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio Inc., New York, N. Y. Narrowing mechanism for knitting machines. 1,935,406; Nov. 14.
- Lieberknecht, Paul, assignor of one-half to Maschinenfabrik Einsiedel Gesellschaft mit beschränkter Haftung, Einsiedel near Chemnitz, Germany. Hosiery frame. 1,911,833; May 30.
- Lieberman, Joe, assignor to Lieb Cement Process Company, Inc., South Bend, Ind. Cementing soles to shoes. 1,928,258; Sept. 26.
- Lieberman, Maynard. (See Miller, C., and Lieberman.)
- Lieberum, George W., Stratford, Conn., assignor to General Electric Company. Electric switch. 1,896,847; Feb. 7.
- Liebert, Herman R. (See Dyer, Horace T., Liebert, and Swan.)
- Liebetrueth, A. & Co. (See Liebetrueth, Hugo, assignor.)
- Liebetrueth, Hugo, assignor to A. Liebetrueth, & Co., Gesellschaft mit beschränkter Haftung, Nuremberg, Germany. Holding compartments for paint tablets in sheet metal paint boxes. 1,933,741; Nov. 7.
- Liebhich, G. J., Company. (See Burgman, Glen H., assignor.)
- Liebig, Joseph M., assignor to C. J. White, Peoria, Ill. Cooking utensil. Des. 90,990; Nov. 7.
- Liebknecht, Otto, Neubabelsberg, Germany, assignor to Permutit Company, New York, N. Y. Recovering base exchange material. 1,906,166; Apr. 25.
- Liebknecht, Otto, Neubabelsberg, Germany, assignor to The Permutit Company, New York, N. Y. Softening water. 1,920,756; Aug. 1.
- Liebmann, Alfred J., New York, N. Y., assignor, by mesne assignments, to Crucible Steel Company of America. Making composite metal body. 1,939,628; Dec. 12.
- Liebowitz, S., & Sons, Inc. (See Liebowitz, Benjamin, assignor.)
- Liebowitz, Benjamin, assignor to S. Liebowitz & Sons, Inc., New York, N. Y. Garment fastening device. 1,906,472; May 2.
- Liebowitz, Benjamin, assignor to S. Liebowitz & Sons, Inc., New York, N. Y. Garment fastening device. 1,906,690; May 2.
- Liebreich, Erik, Berlin, Germany. Refining chromium and chromium alloys. 1,923,294; Sept. 26.

- Lied, Otto, Wandsbek, assignor to the Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Automatically operating discharge device for cigarette machines. 1,908,771; May 16.
- Liegel, John G. H., Cincinnati, and R. C. Jacquelet, Norwood, Ohio, assignors, by mesne assignments, to The Union Switch & Signal Company. Electric current valve. 1,905,724; Apr. 25.
- Lientz, B. P., Manufacturing Company. (See Barker, Ward T., assignor.)
- Liermann, Adolf, Philadelphia, Pa. Miniature hothouse. 1,897,062; Feb. 14.
- Lierman, William A., and Z. B. Jones, Kenedy, Tex. Cotton chopper. 1,936,135; Nov. 21.
- Liesk, Erwin, Berlin, and W. Kruse, Wilhelmshagen, near Berlin, assignors to C. Lorenz A. G., Berlin, Germany. Supervisory device for telegraph apparatus. 1,902,964; Mar. 28.
- Lieske, Rudolf. (See Fischer, F., and Lieske.)
- Lietz, Adolph, San Francisco, Calif. Resilient stop for navigational sounding machines. 1,933,742; Nov. 7.
- Life, Harold G., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Discharge for drag conveyers. 1,911,158; May 23.
- Lifschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Strobl, Hans, assignor.)
- Liggio, Leoluca, Yonkers, N. Y. Electric pencil sharpener. 1,941,215; Dec. 26.
- Light, Albert T., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Trough for milk coolers. 1,926,908; Sept. 12.
- Light, Charles A., Brooklyn, N. Y. Self locking slip under button. 1,916,733; July 4.
- Light, Robert F. (See Frey, C. N., and Light.)
- Light, Robert F., Mount Vernon, and C. N. Frey, New York, N. Y., assignors to Standard Brands Incorporated. Production of sterols. 1,941,097; Dec. 26.
- Lighbown, Edward N., Brentwood, Md. Vent pipe joint guard. 1,923,220; Aug. 22.
- Lightfoot, Isaac C., San Bernardino, Calif. Dry concentrator. 1,918,343; July 18.
- Lighthall, Cone W., assignor to Hoover Steel Ball Company, Ann Arbor, Mich. Bearing. 1,895,167; Jan. 24.
- Lightner, Donald C. (See Wilhelm, R. M., and Lightner.)
- Lightner, Walter W., U. S. Navy. Cockpit cover. 1,937,520; Dec. 5.
- Lightoller Co. (See Moser, Carl, assignor.)
- Light Research Corporation. (See Schoenberg, Virgil A., assignor.)
- Ligon, Henry F., Atlanta, Ga. Cigarette roller. 1,925,640; Sept. 5.
- Lille-Hoffmann Cooling Towers, Inc. (See Hoffmann, William J., assignor.)
- Lilienfeld, Julius E., Brooklyn, N. Y. Device for controlling electric current. 1,900,018; Mar. 7.
- Lilienfeld, Julius E., Winchester, assignor to The Amrad Corporation, Medford Hillside, Mass. Seal for electrolytic condensers. 1,920,799; Aug. 1.
- Lilienfeld, Julius E., Winchester, assignor to Ergon Research Laboratories, Inc., Malden, Mass. System of measuring capacity and power factor, and apparatus therefor. 1,931,460; Oct. 17.
- Lilienfeld, Julius Edgar, Brooklyn, N. Y. Electrical condenser device. 1,906,691; May 2.
- Lilienfeld, Leon, Vienna, Austria. Cellulose thiourethanes and making same. 1,906,910; May 2.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of viscose from cellulose. 1,907,406; May 2.
- Lilienfeld, Leon, Vienna, Austria. Artificial material and making same. 1,910,440; May 23.
- Lilienfeld, Leon, Vienna, Austria. Improving vegetable textile materials. 1,922,308; Aug. 15.
- Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads and other products from cellulose compounds. 1,938,032; Dec. 5.
- Lilienfeld, Leon, Vienna, Austria. New cellulose compounds and making same. 1,933,033; Dec. 5.
- Lilja, Hugo, Brooklyn, N. Y. Frame. 1,926,909; Sept. 12.
- Liljebadh, Eric H., assignor to Aktiebolaget Westerlin & Co., Gottenborg, Sweden. Suction foil for paper separating devices. 1,929,361; Oct. 3.
- Liljenroth, Frans G., Stockholm, Sweden. Producing mixed fertilizers. 1,902,652; Mar. 21.
- Liljenroth, Frans G., Stockholm, Sweden, assignor to Kunstdünger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Leaching phosphate rock with acid solutions. 1,906,386; May 2.
- Lill, Friedrich, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Telephone system. 1,938,433; Dec. 5.
- Lillard, Rufus B., El Paso, Tex. Collapsible funnel. 1,935,324; Nov. 14.
- Lillard, William W., Mahwah, N. J. Electric body warming device. 1,918,276; July 18.
- Lillard, William W., Ridgewood, N. J. Luminous sign. 1,922,309; Aug. 15.
- Lilleberg, Tideman M., assignor to The Nye Tool & Machine Works, Chicago, Ill. Die holding means. 1,903,786; Apr. 18.
- Lilley, Daniel G., assignor of one-half to A. J. O'Brien, Denver, Colo. Hydraulic propeller. 1,894,047; Jan. 10.
- Lilley, Daniel G., assignor of one-half to A. J. O'Brien, Denver, Colo. Variable pitch propeller. 1,894,048; Jan. 10.
- Lilley, Edna R., Whitmarsh, Pa. Fiber spoon. 1,897,809; Feb. 14.
- Lilliendahl, William C., Montclair, and F. H. Driggs, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Preparation of metal phosphides. 1,893,296; Jan. 3.
- Lilliendahl, William C. (See Driggs, F. H., and Lilliendahl.)
- Lillig, Nicholas R., assignor to Tice Lock-Washer Manufacturing Co., Portland, Ore. Manufacturing lock washers. 1,903,785; Apr. 18.
- Lilliston Implement Company. (See Lilliston, Thomas M., assignor.)
- Lilliston, Thomas M., assignor to Lilliston Implement Company, Albany, Ga. Peanut picker. 1,935,803; Nov. 21.
- Lillmars, Arvid C., Upper Darby, and J. C. Woodford, Ardmore, Pa. Liquid dispensing apparatus. 1,927,815; Sept. 19.
- Lilly, Cecil H., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Mold fermentation and apparatus therefor. 1,936,983; Nov. 28.
- Lilly, Eli, and Company. (See Campbell, Edward D., assignor.)
- Lilly, Eli, & Company. (See Miller, Charles R., assignor.)
- Lilly, Eli, and Company. (See Walden, George B., assignor.)
- Lilly, Henry, A. (See Greeman, O. W., and Lilly.)
- Lilly, William, Chicago, Ill. Self-righting support. 1,915,466; June 27.
- Lily-Tulip Cup Corporation. (See Reifsnnyder, James D., assignor.)
- Lima, Alfred, jr., assignor to Electrified Sugar Company, Los Angeles, Calif. Apparatus for treating sugar containing liquid. 1,905,295; Apr. 25.
- Lima, Henry C., Stamford, Conn., assignor to Sanitary Auto Body Corporation, Brooklyn, N. Y. Self-loading truck. 1,910,026; May 23.
- Limb, Frederick, Beeston, assignor to Ericsson Telephones Limited, London, England. Totalizer counting and displaying arrangement. 1,938,526; Dec. 5.
- Limbers, Don R. (See Halbach, H. L., and Limbers.)
- Limburg, Hyman, Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Producing sulphonic acids. 1,895,195; Jan. 24.
- Limburg, Hyman, Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Purifying sulphonic acids. 1,903,466; Apr. 11.)
- Limburg, Hyman, Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Preparing emulsifiable products and emulsions thereof. 1,915,062; June 20.
- Limburg, Hyman Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Preparation of dispersions. 1,936,250; Nov. 21.
- Limburg, Hyman, Amsterdam, Netherlands, assignor to The Flintkote Corporation, Boston, Mass. Manufacture of sulphonic acids or their salts. 1,937,521; Dec. 5.
- Limegrover, Isadore B., Verona, Pa. Meter Clock or register. 1,936,241; Nov. 21.
- Liming, John, jr., Philadelphia, Pa. Fluid pump. 1,905,646; Apr. 25.
- Limited Company (formerly Skoda Works). (See Hlava, Alois, assignor.)
- Limousine Body Company. (See Menton, Stanley, assignor.)
- Limpach, Otto, Wiesbaden-Biebrich, K. Hager, Frankfurt-on-the-Main, A. Schmelzer and F. Ballauf, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New hydroxybenzocarbazoles and preparing them. 1,911,699; May 30.
- Limpert, Alexander S., assignor to Mechana Kold Corporation, Bay Shore, N. Y. Cooling unit for refrigeration purposes and making same. 1,929,952; Oct. 10.
- Limpert, John A. (See Rothchild, H. A., and Limpert.)
- Linaker, Frederick W., Brooklyn, N. Y. Boiler cleaner. 1,901,604; Mar. 14.
- Linckh, Eduard. (See Haeuber, H., and Linckh.)
- Lincoln, Bert H. (See Henriksen, A., and Lincoln.)
- Lincoln, Bert H., assignor to Continental Oil Company, Ponca City, Okla. Method and apparatus for converting hydrogen sulphide into sulphur. 1,901,249; Mar. 14.
- Lincoln, Bert H., and A. Henriksen, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 1,939,993; Dec. 19.
- Lincoln, Bert H., and A. Henriksen, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 1,939,994; Dec. 19.
- Lincoln, Bert H., and A. Henriksen, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 1,939,995; Dec. 19.
- Lincoln Electric Company, The. (See Dreesse, Erwin E., assignor.)
- Lincoln Electric Company, The. (See Lincoln, James F., assignor.)
- Lincoln Electric Company, The. (See Lincoln, J. F., and Dreesse.)
- Lincoln Electric Company, The. (See Malner, Frank, assignor.)

- Lincoln Electric Company, The. (See Osborne, Samuel C., assignor.)
- Lincoln Electric Company, The. (See Stine, W. E., and Smith, assignors.)
- Lincoln Engineering Company. (See Barks, Frank S., assignor.)
- Lincoln Engineering Company. (See Barks, F. S., and Holmes, assignors.)
- Lincoln Engineering Company. (See Barks, F. S., and Linders, assignors.)
- Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
- Lincoln Engineering Company. (See Fox, A. P., and Linders, assignors.)
- Lincoln, James F., East Cleveland, assignor to The Lincoln Electric Company, Cleveland, Ohio. Electric arc welding apparatus. 1,917,531; July 11.
- Lincoln, James F., East Cleveland, and E. E. Dreese, Euclid, assignor to The Lincoln Electric Company, Cleveland, Ohio. Dynamo-electric machines. 1,918,763; July 18.
- Lincoln Oil Refining Company. (See Culmer, Thaddeus W., assignor.)
- Lincoln, Paul M., Ithaca, N. Y. Thermal electric meter. 1,940,759; Dec. 26.
- Lind, Carl A., Altona, Ill. Rail splice. 1,896,964; Feb. 7.
- Lind, Howard B., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Production of signs, decorations, and the like. 1,905,565; Apr. 25.
- Lind, Hugo. (See Boland, B. H., and Lind.)
- Lind, Valentin, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Control system. 1,893,332; Jan. 3.
- Lindberg, Anders, Stockholm, Sweden. Automatic impulse connection for magneto-electric igniters. 1,913,281; June 6.
- Lindberg, Bernhard, Chicago, Ill. Washing cylinder and door means therefor. 1,913,764; June 13.
- Lindberg, John F., Chicago, Ill. Tuning electric circuits. 1,898,635; Feb. 21.
- Lindberg, Lawrence W., Brooklyn, assignor to Doherty Research Company, New York, N. Y. Multiple expansion engine. 1,904,871; Apr. 18.
- Lindberg, Nils C., Crete, Ill., assignor to Victor Chemical Works. Production of tri-sodium phosphate. 1,930,205; Oct. 10.
- Lindberg, Nils C., Crete, Ill., assignor to Victor Chemical Works. Producing tri-alkali phosphate from ferrophosphorus. 1,936,307; Nov. 21.
- Lindberg, Nils C., Crete, and B. Toubes, Chicago Heights, Ill., assignors to Victor Chemical Works. Conversion of ferrophosphorus. 1,926,747; Sept. 12.
- Lindberg, Raymond C., Bellingham, Wash. Radial gas engine demonstrator. 1,925,040; Aug. 29.
- Lindberg, Sven C., assignor, by mesne assignments, to Centrifugal Engineering and Patents Corporation, New York, N. Y. Multiple centrifuge. 1,896,179; Feb. 7.
- Lindberg, Sven E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Automatic telephone exchange. 1,914,030; June 13.
- Lindblad, Axel E., Orange, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,927,941; Sept. 26.
- Lindbladh Corporation, The. (See Lindbladh, Harmon E., assignor.)
- Lindbladh, Harmon E., Brookline, assignor to The Lindbladh Corporation, Boston, Mass. Sheet feeding machine. 1,894,622; Jan. 17.
- Lindblom, Carl A., assignor to General Motors Corporation, Detroit, Mich. Floating back plate brake mechanism. 1,913,166; June 6.
- Lindbloom, Charles V., Cranford, N. J., assignor to Hi-Heat Gas Co. Inc., New York, N. Y. Pressure reducing valve. 1,908,431; May 9.
- Linde Air Products Company, The. (See Davis, W. T., and Rhein, assignors.)
- Linde Air Products Company. (See Edwards, Harry D., assignor.)
- Linde Air Products Company, The. (See Greene, Thomas W., assignor.)
- Linde Air Products Company, The. (See Hickling, Ewart G., assignor.)
- Linde Air Products Company, The. (See Kinson, Frank P., assignor.)
- Linde Air Products Company, The. (See Lytle, Arthur R., assignor.)
- Linde Air Products Company, The. (See Stoffel, O., Roesch, and Sudhaus, assignors.)
- Linde Air Products Company, The. (See Thompson, Harold E., assignor.)
- Linde Air Products Company, The. (See Wall, Matthew J., assignor.)
- Linde, John A., Brooklyn, N. Y. Adjustable orthodontic appliance. 1,908,853; May 16.
- Lindecker, Joseph B. (See Kegerreis, C. S., and J. Lindecker.)
- Lindgaard, Erik. (See Nicolai, C. A., and Lindgaard.)
- Lindgren, Carl J., Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Leno jumper saddle. 1,895,805; Jan. 31.
- Lindgren, Carl J., Providence, R. I., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay structure for looms. 1,937,429; Nov. 28.
- Lindgren, Erik D. (See Carpentier, Romeo J., assignor.)
- Lindemann, A. J., & Hoverson Company. (See Lindemann, A. J., and Lorenz, assignors.)
- Lindemann, A. J., & Hoverson Company. (See Lindemann, W. C., and Lorenz, assignors.)
- Lindemann, A. J., & Hoverson Company. (See Lindemann, W. C., and Schmidt, assignors.)
- Lindemann, A. J., & Hoverson Company. (See Rutenber, Edwin A., assignor.)
- Lindemann, Albert J., and G. C. Lorenz, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Gas range. 1,940,259; Dec. 19.
- Lindemann, Frederick A., Oxford, England. Apparatus for reproducing color photographs. 1,925,902; Sept. 5.
- Lindemann, Frederick W., St. Paul, assignor to The Unipress Company, Incorporated, Minneapolis, Minn. Buck structure for laundry presses. 1,900,720; Mar. 7.
- Lindemann, Frederick W., St. Paul, assignor to The Unipress Company, Incorporated, Minneapolis, Minn. Garment press. 1,906,071; Apr. 25.
- Lindemann, Hans W. (See Dellling, P. R., and Lindemann.)
- Lindemann & Hoverson Company. (See Lindemann, W. C., and Schmidt, assignors.)
- Lindemann & Hoverson Company. (See Schmidt, Adolph T., assignor.)
- Lindemann, Otto A., Wyncote, assignor to Schutte and Koerting Company, Philadelphia, Pa. Vapor condenser. 1,894,696; Jan. 17.
- Lindemann, Walter C., and G. C. Lorenz, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Wick burner. 1,918,851; July 18.
- Lindemann, Walter C., and A. T. Schmidt, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Fuel vaporizer and making same. 1,923,546; Aug. 22.
- Lindemann, Walter C., and A. T. Schmidt, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Fuel control mechanism. 1,937,522; Dec. 5.
- Lindemann, Walter C., and A. T. Schmidt, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Fuel control mechanism. 1,939,069; Dec. 12.
- Lindemon, William H., assignor to W. A. Sheaffer Pen Company, Port Madison, Iowa. Mechanical pencil. 1,905,920; Apr. 25.
- Lindemon, William H., and M. G. Lammers, assignors to W. A. Sheaffer Pen Company, Port Madison, Iowa. Swaged tip for mechanical pencils. 1,920,409; Aug. 1.
- Linden, Robert A., Flushing, assignor to George S. Bracher Manufacturing Company, New York, N. Y. Hat leather attaching means. 1,939,594; Dec. 12.
- Lindenbaum, Seymour, New York, N. Y. Lace textile fabric or a similar article. Des. 90,665; Sept. 12.
- Lindenbaum, Seymour, New York, N. Y. Lace textile fabric or a similar article. Des. 90,666; Sept. 12.
- Lindenbaum, Seymour, New York, N. Y. Lace textile fabric or a similar article. Des. 90,667; Sept. 12.
- Lindenbaum, Seymour, New York, N. Y. Lace textile fabric or a similar article. Des. 90,668; Sept. 12.
- Lindenbaum, Seymour, New York, N. Y. Lace textile fabric or a similar article. Des. 90,669; Sept. 12.
- Lindenberger, Carl, Hoffnungsthal, near Cologne-on-the-Rhine, assignor to Motorenfabrik Deutz Aktiengesellschaft, Cologne-Deutz, Germany. Vertical multicylinder four-stroke cycle internal combustion engine. 1,940,427; Dec. 19.
- Lindenberger, Theodore, Columbus, Ohio. Sound amplifier. 1,902,250; Mar. 21.
- Lindenberger, Theodore, jr., Columbus, Ohio. Method and apparatus for recording and reproducing sound on photographic film. 1,925,451; Sept. 5.
- Lindenberger, Theodore, jr., Columbus, Ohio. Method and apparatus for recording and reproducing sound on photographic film. 1,925,452; Sept. 5.
- Lindenberger, Theodore, Columbus, Ohio. Sound amplifier. 1,934,932; Nov. 14.
- Lindenberger, Henry, Chicago, Ill. Molding apparatus. 1,936,332; Nov. 21.
- Lindenblad, Nils E., Shoreham, N. Y., assignor to Radio Corporation of America. Corkscrew radiation. 1,898,058; Feb. 21.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Energizing antennae. 1,902,086; Mar. 21.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna for radio communication. 1,927,522; Sept. 19.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 1,938,749; Dec. 12.
- Lindequist, Charles J., Norwood, Mass., assignor, by mesne assignments, to Centrifugal Engineering and Patents Corporation, New York, N. Y. Multiple centrifugal separator. 1,896,180; Feb. 7.
- Linder, Ludwig, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Banding for ring shaped coils. 1,927,551; Sept. 19.
- Linder, Oscar, Coral Gables, Fla., and F. E. Willson, assignors to Sam'l. Bingham's Son Mfg. Co., Chicago, Ill. Process of and apparatus for coating printers' rollers. 1,906,981; May 2.
- Linder, Oscar, Coral Gables, Fla., F. T. Whitehouse, Oak Park, and F. E. Willson, assignors to Sam'l. Bingham's Son Mfg. Co., Chicago, Ill. Machine for coating printers' rollers. 1,911,124; May 23.

- Linder, Paul C., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Drag chain cleaner. 1,898,134; Feb. 21.
- Linder, Rudolf, Esslingen, and W. Sturm, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Carburetor. 1,913,085; June 6.
- Linderman, Andrew L., Pittsburgh, Pa., assignor to Neely Nut & Bolt Company. Lock nut. 1,922,378; Aug. 15.
- Linderman, Garrett B., Jr., Erie, Pa., assignor to American Meter Company, New York, N. Y. Orifice meter. 1,924,125; Aug. 29.
- Linderoth, Erik T., Sundsvall, and C. F. Rosenblad, Stockholm, Sweden, said Linderoth assignor to said Rosenblad. Heat-exchanger. 1,930,879; Oct. 17.
- Linders, William Z. (See Barks, F. S., and Linders.)
- Linders, William Z. (See Fox, A. P., and Linders.)
- Lindey, Louis A., Brooklyn, N. Y. Electric lamp attachment. 1,916,322; July 4.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Ground wheel for harvesters. 1,906,473; May 2.
- Lindgren, Alexis C., Chicago, Ill., assignor to International Harvester Company. Rear cultivator attachment for tractors. 1,932,112; Oct. 24.
- Lindgren, Alexis C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Corn picker. 1,906,692; May 2.
- Lindgren, Alexis C., Chicago, and A. D. Gallagher, Canton, Ill., assignors to International Harvester Company. Tractor operated power lift. 1,911,373; May 30.
- Lindgren, Alexis C., and C. R. Raney, Chicago, Ill., assignors to International Harvester Company. Harvester-thresher. 1,913,034; June 6.
- Lindgren, Alexis C., Chicago, C. R. Raney, Riverside, and R. B. Hitchcock, Chicago, Ill., assignors to International Harvester Company. Tank for corn pickers. 1,919,339; July 25.
- Lindgren, Alexis C., Chicago, C. R. Raney, Riverside, and R. B. Hitchcock, Chicago, Ill., assignors to International Harvester Company. Corn picker and husker. 1,925,077; Aug. 29.
- Lindgren, Alexis C., Chicago, and G. J. Olson, Canton, Ill., assignors to International Harvester Company. Tractor plow. 1,941,013; Dec. 26.
- Lindgren, Anders G. S., assignor to Aktiebolaget Alos, Gottenborg, Sweden. Manufacturing a cardboard box. 1,936,156; Nov. 21.
- Lindgren, Bror J., assignor to Niagara Machine and Tool Works, Buffalo, N. Y. Beading a cylindrical sheet metal shell. 1,908,521; May 9.
- Lindgren, Charles F., Duluth, Minn. Meat chopper. 1,902,653; Mar. 21.
- Lindgren, Edmund, Los Angeles, Calif. Intermittent film advancing mechanism. 1,936,680; Nov. 28.
- Lindgren, Frank A., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,893,952; Jan. 10.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,897,984; Feb. 14.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,924,285; Aug. 29.
- Lindgren, Hans O., Appelvik, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal separator machine. 1,901,461; Mar. 14.
- Lindgren, Hans O., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Fluid braking mechanism. 1,928,430; Sept. 26.
- Lindgren, Hans O., Appelvik, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Producing conical disks for centrifugal separators. 1,939,356; Dec. 12.
- Lindgren, Waldemar L., Waukegan, assignor of one-half to John E. Ericsson, Chicago, Ill. Dishwashing apparatus. 1,896,005; Jan. 31.
- Lindgren, Waldemar L., Waukegan, assignor of one-half to J. E. Ericsson, Chicago, Ill. Dishwashing machine. 1,927,461; Sept. 19.
- Lindgren, Waldemar L., Waukegan, Ill. Combination humidifier, cigar lighter, and ash tray arrangement. 1,933,632; Nov. 7.
- Lindh, Carl T. G., Highland Park, assignor to American Rubber Products Company, Detroit, Mich. Producing plastic composition. 1,892,703; Jan. 3.
- Lindh, Frank C., Chicago, Ill. Fence construction. 1,918,607; July 18.
- Lindhard, Povl T., Brooklyn, assignor to F. L. Smith & Co., New York, N. Y. Manufacture of hydraulic cement. 1,929,953; Oct. 10.
- Lindhe, Eric G., Hastings upon Hudson, N. Y. Spring. 1,902,036; Mar. 21.
- Lindhe, Eric G., Hastings upon Hudson, N. Y. Spring construction. 1,902,134; Mar. 21.
- Lindholm, Ernest H., Newark, N. J. Electric soldering iron. 1,909,061; May 16.
- Lindley, D. R. (See West, Charles L., assignor.)
- Lindner, Agnes. (See Kangro, W., and Lindner.)
- Lindner, Arthur, Staaken near Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company. Electric motor drive for well drilling equipment. 1,899,703; Feb. 28.
- Lindner, Arthur, Cincinnati, assignor to The Lindner Manufacturing Company, Lockland, Ohio. Clamping device. 1,924,742; Aug. 29.
- Lindner, Fritz. (See Bockmühl, M., Lindner, and Schumann.)
- Lindner, Herbert, Berlin, Germany. Device for shaping and truing grinding rolls. 1,905,390; Apr. 25.
- Lindner, John H., South Pittsburgh, Pa. Hold fast shoe lace fastener. 1,894,183; Jan. 10.
- Lindner Manufacturing Company, The. (See Lindner, Arthur, assignor.)
- Lindner, Paul, Danzig-Oliva, Free City of Danzig. Food preparation. 1,925,765; Sept. 5.
- Lindow, Rudolph F., assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixing apparatus. 1,903,416; Apr. 4.
- Lindquist, David E. (See Young, L. M., Eusey, and Lindquist.)
- Lindquist, David E., assignor to Mueller Brass Co., Port Huron, Mich. Joint. 1,931,666; Oct. 24.
- Lindquist, David E., and W. M. Robinson, assignors to Mueller Brass Co., Port Huron, Mich. Joint. 1,939,915; Nov. 7.
- Lindquist, David L., Hartsdale, assignor to Otis Elevator Company, New York, N. Y. Elevator control apparatus. 1,897,493; Feb. 14.
- Lindquist, David L., Hartsdale, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 1,911,834; May 30.
- Lindquist, David L., Hartsdale, N. Y., E. L. Dunn, East Orange, N. J., and D. C. Larson, Yonkers, N. Y., assignors to Otis Elevator Company, Jersey City, N. J. Elevator system. 1,904,646; Apr. 18.
- Lindquist, David L., Hartsdale, N. Y., E. L. Dunn, East Orange, N. J., and D. C. Larson, Yonkers, N. Y., assignors to Otis Elevator Company, Jersey City, N. J. Elevator system. 1,904,647; Apr. 18.
- Lindquist, David L., Hartsdale, and J. D. Lewis, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Elevator control apparatus. 1,930,900; Oct. 17.
- Lindridge, Charles D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric musical instrument. 1,940,093; Dec. 19.
- Lindsay, Alexander C. (See Lindsay, F. P., and Lindsay.)
- Lindsay, Alexander R., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Doorlatch. 1,896,907; Feb. 7.
- Lindsay, Charles M., Troy, N. Y. Electro-thermal modeling tool. 1,909,774; May 16.
- Lindsay, Clarence A., Washington, D. C. Scale. 1,921,979; Aug. 8.
- Lindsay, Felix P. and A. C., Chickasha, Okla. Combined shade and curtain holder. 1,922,136; Aug. 15.
- Lindsay, Hamilton, Shaker Heights, Ohio, and E. J. Buell, Niagara Falls, N. Y., assignors to The Lindsay Wire Weaving Company, Cleveland, Ohio. Belt for Four-drainer machines. 1,927,498; Sept. 19.
- Lindsay, John C., Brooklyn, N. Y. Clothes hanger. 1,900,826; Mar. 7.
- Lindsay, Lynn G., near Dayton, assignor to Trupar Manufacturing Company, Dayton, Ohio. Liquid cooler for refrigerators. 1,899,578; Feb. 28.
- Lindsay, Lynn G., near Dayton, assignor to Trupar Manufacturing Company, Dayton, Ohio. Softening water. 1,905,726; Apr. 25.
- Lindsay, Melville, Crestwynd, Saskatchewan, Canada. Grain door. 1,931,261; Oct. 17.
- Lindsay, Myrtle, Dallas, Tex. Permanent wave clasp. 1,895,418; Jan. 24.
- Lindsay, Russell H., Summit, N. J., assignor to American Telephone and Telegraph Company. Gain control apparatus. 1,927,128; Sept. 19.
- Lindsay, William, Madisonville, Ky. Hand truck. 1,927,710; Sept. 19.
- Lindsay, William J. (See Iliff, J. W., and Lindsay.)
- Lindsay Wire Weaving Company, The. (See Buell, Edward J., assignor.)
- Lindsay Wire Weaving Company, The. (See Lindsay, H., and Buell, assignors.)
- Lindsey, Ernest E., San Francisco, Calif. Counter confection freezer. Des. 89,773; May 2.
- Lindsey, Ernest E., San Francisco, Calif. Reciprocating movement. 1,921,235; Aug. 8.
- Lindsey, Frederick C., Milwaukee, Wis. Duplex gasifier, feeder, and regulator for internal combustion engines. 1,926,449; Sept. 12.
- Lindsey, Lucius A., Atlanta, Ga. Ice-cream freezer. 1,936,723; Nov. 28.
- Lindsey, William D., South Orange, N. J., assignor to Garrison Fire Detecting System, Inc., New York, N. Y. Electrical connection. 1,922,544; Aug. 15.
- Lindsley, George F., Wauwatosa, Wis. Base block. 1,915,467; June 27.
- Lindstrom, Albert F. (See Hageman, A. M., and Lindstrom.)
- Lindstrom, Carl. (See Mattern, H. T., and Lindstrom.)
- Lindstrom, Elmer V., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Entrance inclosure. 1,910,618; May 23.
- Lindstrom, George D. (See North, E. W., and Lindstrom.)
- Lindstrom, Nils O. (See Olofson, C. F. E., and Lindstrom.)
- Lindstrom, Nils O., Nutley, N. J., assignor to A. B. See Elevator Company, Inc. Elevator control device. 1,895,253; Jan. 24.
- Lindstrom, Nils O., Nutley, N. J., and L. G. Persson, New York, N. Y., assignors to A. B. See Elevator Company, Inc. Cable equalizer. 1,924,690; Aug. 29.

- Lindstrom, Nils O., Nutley, and C. F. E. Olofson, West Orange, N. J., assignors to A. B. See Elevator Company, Inc. Elevator gate. 1,934,867; Nov. 14.
- Lindstrom, Torsten O. H. (See Sandqvist, Hakan.)
- Lindstrom, Ture, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Plate for circuit breakers. 1,919,438; July 25.
- Lindvall, Sten E. (See Bilde, T. E. D., and Lindvall.)
- Line, John M., deceased, by M. D. Line, administratrix, Springfield, Mo. Bd. 1,929,000; Oct. 3.
- Lincham, Rowland A., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,937,826; Dec. 5.
- Line Material Company. (See Chartrand, John B., assignor.)
- Line Material Company. (See Cole, George H., assignor.)
- Line Material Company. (See Cosseboom, Kenneth S., assignor.)
- Line Material Company. (See Desmond, John J., assignor.)
- Line Material Company. (See Dohrwardt, John F., assignor.)
- Line Material Company. (See Earle, Ralph H., assignor.)
- Line Material Company. (See Goldner, George W., assignor.)
- Line Material Company. (See Hendee, Lem E., assignor.)
- Line Material Company. (See Krueger, William E., assignor.)
- Line Material Company. (See Kyle, William D., assignor.)
- Line Material Company. (See Kyle, William D., and Johnson, assignors.)
- Line Material Company. (See Steinmayer, Alwin G., assignor.)
- Line, Mattie D., administratrix. (See Line, John M.)
- Linendoll, Asa E., Norwalk, Ohio. Brake tester. 1,912,286; May 30.
- Line-O-Scribe, Inc. (See Lamb, Charles M., assignor.)
- Liner, Julius, assignor of one-half to J. R. H. Potts, Chicago, Ill. Socketed wall. 1,930,101; Oct. 10.
- Liner, Julius, assignor of one-half to J. R. H. Potts, Chicago, Ill. Making a socketed wall. 1,930,102; Oct. 10.
- Lines, Edwin M., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Building insulating material and construction. 1,913,312; June 6.
- Lines, Henry E., Ponders End, England, assignor to General Electric Company. Thermostatic switch. 1,941,310; Dec. 26.
- Lines, John. (See Steele, A. B., and Lines.)
- Ling, Benjamin B., Columbus, Ohio. Pie cutter. 1,931,388; Oct. 17.
- Ling, Jacob, Little Rock, Ark. Cigarette roller. 1,935,366; Nov. 14.
- Linga, Torbjörn, Kokomo, Ind. Carburetor. 1,906,982; May 2.
- Linga, Torbjörn, assignor to Kingston Products Corporation, Kokomo, Ind. Engine. 1,919,793; July 25.
- Lingal, Harry J., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,896,779; Feb. 7.
- Lingo, Archibald E., Collingswood, assignor to John E. Lingo & Son, Inc., Camden, N. J. Apparatus for forming tapered columns and the like. 1,898,581; Feb. 21.
- Lingo, John E., & Son, Inc. (See Lingo, Archibald E., assignor.)
- Linhares, Aurelio, Rio de Janeiro, Brazil. Electrically operated typewriter. 1,906,167; Apr. 25.
- Link, Harry W. (See Landenberger, H. W., and Link.)
- Link, Jakob. (See Rheiner, A., and Link.)
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 1,919,736; July 25.
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 1,930,057; Oct. 10.
- Link, John H., Merion, Pa., assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 1,936,908; Nov. 28.
- Link, Louis, New York, N. Y. Tape dispensing machine. 1,921,625; Aug. 8.
- Link, Louis, New York, N. Y. Strip feeding or dispensing machine. 1,921,626; Aug. 8.
- Link, Louis, New York, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Co., Nashua, N. H. Tape serving machine. 1,894,317; Jan. 17.
- Link, Louis, New York, N. Y., assignor, by mesne assignments, to Nashua Gummed & Coated Paper Co., Nashua, N. H. Gummed tape serving machine. 1,894,379; Jan. 17.
- Link, Oliver L., St. Charles, Mo. Water cooler. 1,909,288; May 16.
- Link, Richard A. (See Harders, C. F., and Link.)
- Link, Samuel E., Kansas City, Mo. Refrigeration. 1,937,705; Dec. 5.
- Link-Belt Company. (See Bergboefer, Edward C., assignor.)
- Link-Belt Company. (See Brandt, William F., assignor.)
- Link-Belt Company. (See Bryant, Jerrus M., assignor.)
- Link-Belt Company. (See Drinkwater, James D. S., assignor.)
- Link-Belt Company. (See Ewing, S. W., and Schwartz, assignors.)
- Link-Belt Company. (See Hetzel, Theodore B., assignor.)
- Link-Belt Company. (See Hobart, Charles J., assignor.)
- Link-Belt Company. (See Kidder, Elwin H., assignor.)
- Link-Belt Company. (See Lauenstein, Carl F., assignor.)
- Link-Belt Company. (See Phillips, Horace P., assignor.)
- Link-Belt Company. (See Pierce, Harold S., assignor.)
- Link-Belt Company. (See Sayers, Albert J., assignor.)
- Link-Belt Company. (See Sayers, William W., assignor.)
- Link Belt Supply Company. (See Beyl, Emil A., assignor.)
- Linke, Gerhard, Magdeburg, assignor to the Firm Fried. Krupp Grusonwerk, Aktiengesellschaft, Magdeburg-Buckau, Germany. Oscillation generator for sieves troughs, and like apparatus. 1,896,712; Feb. 7.
- Linkert, Howard W., and R. M. Anderson, Indianapolis, Ind., assignors, by mesne assignments, to Marvel Carburetor Company, Flint, Mich. Carburetor. 1,898,672; Feb. 21.
- Linkman, Louis B., assignor to M. Linkman & Co., Chicago, Ill. Pipe. 1,896,800; Feb. 7.
- Linkman, M., & Co. (See Linkman, Louis B., assignor.)
- Linn, Henry J., Zanesville, Ohio. Razor blade sharpener. 1,895,332; Jan. 24.
- Linn, Holman H., assignor to The Linn Manufacturing Corporation, Morris, N. Y. Logging bolster. 1,895,387; Jan. 24.
- Linn, Holman H., assignor to The Linn Manufacturing Corporation, Morris, N. Y. Vehicle brake. 1,903,629; Apr. 11.
- Linn, Holman H., Morris, assignor to Linn Trailer Corporation, Oneonta, N. Y. Automobile trailer construction. 1,915,325; June 27.
- Linn, John D., assignor of one-half to Cooke, Troughton & Simms, Limited, York, England. Engraving machine. 1,905,725; Apr. 25.
- Linn Manufacturing Corporation, The. (See Linn, Holman H., assignor.)
- Linn, Robert E. (See McCormick, T. J., and Linn.)
- Linn, Robert E., Detroit, Mich. Tire cover. 1,932,791; Oct. 31.
- Linn Trailer Corporation. (See Linn, Holman H., assignor.)
- Linnenbruegge, Hans G. H., Buffalo, N. Y. Forming screw-threaded members. 1,922,689; Aug. 15.
- Linner, Franz, Vienna, Austria, assignor, by mesne assignments, to Beck, Koller & Company, Inc., Detroit, Mich. Preparation of alkyl substituted aromatic hydroxyl compounds. 1,892,990; Jan. 3.
- Linney, Albert T., Lexington, Ky. Toy gun. Des. 89,048; Jan. 17.
- Linnmann, Wilhelm, Essen, Germany. Separator. 1,897,313; Feb. 14.
- Linoleum Manufacturing Company. (See Godfrey, Alfred A., assignor.)
- Lintotype and Machinery Limited. (See Field, Joseph G. W., assignor.)
- Lintotype and Machinery Limited. (See Parker, T. R. G., Spence, and White, assignors.)
- Lintotype and Machinery Limited. (See Spence, Fred, assignor.)
- Linscott, Chester E., Cliftondale, assignor to American Rubber Company, East Cambridge, Mass. Making rubber-fabric sheet material and product produced thereby. 1,935,189; Nov. 14.
- Linsert, Ernest E., United States Marine Corps. Rifle grenade clinometer. 1,940,808; Dec. 26.
- Linsert, Otto, Wuppertel-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Crystalline antirachitically active product and preparing the same. 1,902,785; Mar. 21.
- Linsley, LeRoy E. (See Holloway, J. J., and Linsley.)
- Linthicum, Rawley D., assignor to Brown & Williamson Tobacco Corporation, Louisville, Ky. Pocket cigarette maker. 1,932,936; Oct. 31.
- Linton, Earl B., Rio de Janeiro, Brazil. Calibrating apparatus for liquid tanks. 1,898,734; Feb. 21.
- Linville, Clarence P. (See Berry, G. A., Linville, and Beardsley.)
- Linville, Darrell B., and B. C. Canty, Rockford, Ill. Electric soldering tool. 1,893,093; Jan. 3.
- Linzell, Harry K., La Grange, assignor to United States Gypsum Company, Chicago, Ill. Anhydrite plastic material. 1,898,636; Feb. 21.
- Linzell, Harry K., La Grange, assignor to United States Gypsum Company, Chicago, Ill. Mastic flooring, composition, and preparing. 1,901,055; Mar. 14.
- Lion Fastener, Inc. (See Poux, Noel J., assignor.)
- Lion Match Co. (See Van Hoofstadt, Edward, assignor.)
- Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
- Lionel Corporation, The. (See Caruso, Louis, assignor.)
- Lionel Corporation, The. (See Caruso, Mario, assignor.)
- Lionel Corporation, The. (See Cowen, J. L., and Caruso, assignors.)
- Lionel Corporation, The. (See Giaino, Charles V., assignor.)
- Lionne, Ernest, Swampscott, Mass. Urea-formaldehyde condensation product and process. 1,901,373; Mar. 14.
- Lipe, W. C. (See Fish, E. R., and Lipe.)
- Lipetz, Alphonse, Saratoga Springs, N. Y. High powered internal combustion engine locomotive. 1,922,896; Aug. 15.
- Lipkowitz, Louis. (See Casingenia, J., and Lipkowitz.)
- Lipkowitz, Max, Brooklyn, N. Y. Adjustable awning support. 1,939,269; Dec. 12.

- Lipman, Carl E. L., Beloit, Wis., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerating apparatus. 1,895,549; Jan. 31.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Refrigerator. 1,895,806; Jan. 31.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Magnetic unloader. 1,899,341; Feb. 28.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Evaporator. 1,903,351; Apr. 4.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Magnetic clutch. 1,911,960; May 30.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Electric motor. 1,919,522; July 25.
- Lipman, Carl E. L., assignor to Lipman Patents Corporation, Chicago, Ill. Apartment refrigerator. 1,926,341; Sept. 12.
- Lipman Patents Corporation. (See Lipman, Carl E. L., assignor.)
- Lippmann, Camille, Besancon, France, A. Strahm, Schramberger, Germany, and A. Quinche, Besancon, France, assignors to N. V. Philips' Gloeilampenfabriken, Eindhoven, Netherlands. Selective receiver. 1,924,795; Aug. 29.
- Lippard, Leslie, Salida, Colo. Lamp fixture. Des. 90,777; Sept. 26.
- Lippencott, George H., Bronx, N. Y., assignor, by mesne assignments, to Somerville Iron Works, Somerville, N. J. Indirect water heater. 1,926,342; Sept. 12.
- Lippens, Maurice, Kewanee, Ill. Fruit jar sealer. 1,918,921; July 18.
- Lippert, Louis J., Albuquerque, N. Mex. Power operated toothbrush. 1,896,731; Feb. 7.
- Lippert, Paul, Chicago, Ill. Sprinkler. 1,892,959; Jan. 3.
- Lippert, Walter E., Hewlett, assignor to Teco Manufacturing Corp., New York, N. Y. Electric insecticide. Des. 89,900; May 16.
- Lippert, Walter E., Hewlett, assignor to S. and H. Bonat, doing business as Samuel Bonat & Bro., New York, N. Y. Method and apparatus for waving hair. 1,896,091; Feb. 7.
- Lippert, William K., Muncie, Ind. Support and holder. 1,906,911; May 2.
- Lippincott, John W., Little Rock, Ark. Endless water course. 1,926,780; Sept. 12.
- Lippisch, Alexander, Fliegerlager-Wasserkuppe, Post Gersfeld, assignor of one-half to Deutscher Luftsportverband e. V. Berlin, Germany. Aircraft aerofoil. 1,931,928; Oct. 24.
- Lippitt, Herbert, Lynn, Mass., and E. W. Beble, Hawthorne, N. J. Closure for fiber tubes. 1,935,367; Nov. 14.
- Lippmann, Robert M., New York, N. Y. Garment. Des. 90,812; Oct. 3.
- Lippmann, Walter E., Milwaukee, Wis. Vibratory screen. 1,929,249; Oct. 3.
- Lippold, Charles J., Washington, D. C. Support and package for dispensing tie-strings. 1,929,873; Oct. 10.
- Lipps, Walter M. (See Williams, H., and Lipps.)
- Lipps, William D., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Machine for making brushes. 1,911,835; May 30.
- Lippstadt, Isabel G., et al. (See Lippstadt, Sigmund, assignor.)
- Lippstadt, Isabel G., New York, N. Y. Ring for attaching articles to clothing. 1,922,594; Aug. 15.
- Lippstadt, Sigmund, assignor to Isabel G. Lippstadt, New York, N. Y., and Frank S. Velardi. Motor driven alarm and signal device. 1,894,611; Jan. 17.
- Lipscomb, Robert U. (See Schoenky, O. B., and Lipscomb.)
- Lipschitz, George, New York, N. Y. Dispensing device. 1,895,854; Jan. 31.
- Lipsius, Samuel, New York, N. Y. Raised printing. 1,928,668; Oct. 3.
- Lipsius, Samuel, New York, N. Y. Powderer. 1,929,200; Oct. 3.
- Lipsius, Samuel, New York, N. Y. Powdering apparatus. 1,930,814; Oct. 17.
- Lipsky, Morris H., Rochester, N. Y. Combined wax paper holder and play toy. 1,938,186; Dec. 5.
- Lipsner, Benjamin B., Chicago, Ill. Massage device. 1,923,317; Aug. 22.
- Liptak, Michael, St. Paul, Minn. Mud drum seal. 1,900,019; Mar. 7.
- Liptak, Michael, St. Paul, Minn. Mud-drum seal. 1,901,462; Mar. 14.
- Liptak, Michael, St. Paul, Minn. Drum mounting for boilers. 1,919,893; July 25.
- Liptay, John M., Crestwood, N. Y. Single draft fume hood. 1,934,808; Nov. 14.
- Liquid Carbonic Corporation, The. (See Gruetter, John R., assignor.)
- Liquid Carbonic Corporation, The. (See Hunt, Franklin B., assignor.)
- Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
- Liquid Coffee Products Corporation. (See Wendt, Gerald L., assignor.)
- Liquidometer Corporation, The. (See de Giers, Clarence A., assignor.)
- Liquid Veneer Corporation. (See Cabana, Louis, assignor.)
- Lisa, Peter, et al. (See Moricca, Joseph, assignor.)
- Lisanti, John, Irondequoit, N. Y. Mop soaking and wringing apparatus. 1,935,157; Nov. 14.
- Lisenby Manufacturing Company. (See Low, Charles L., assignor.)
- Lish, Samuel, Woodmere, N. Y. Lady's bat. Des. 90,197; June 27.
- Lisle Corporation. (See Olson, Carl A., assignor.)
- Lisman, Charles. (See Leonard, Weldon C., assignor.)
- Lissman, Marcel A. (See Horne, G. H., and Lissman.)
- Lissman, Marcel A., assignor to International Precipitation Company, Los Angeles, Calif. Elutriating means. 1,894,623; Jan. 17.
- Lissman, Marcel A., Alhambra, Calif., assignor to International Precipitation Company, Los Angeles, Calif. Centrifugal separator. 1,909,184; May 16.
- Lissman, Marcel A., Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Method and apparatus for dispersing divided solid material in gas. 1,917,266; July 11.
- Lissman, Marcel A., Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Classifying apparatus. 1,939,710; Dec. 19.
- List, John, Harrison, Mich. Puller for well casings. 1,909,696; May 16.
- List, Raymond F., and W. A. Smith, assignors to National Sewing Machine Company, Belvidere, Ill. Sewing machine. 1,920,471; Aug. 1.
- List, Raymond F., and W. A. Smith, assignors to National Sewing Machine Company, Belvidere, Ill. Sewing machine. 1,920,472; Aug. 1.
- Listebarger, James K., Fairfax, Iowa. Tire changing stand. 1,936,984; Nov. 28.
- Lister Bros., Inc. (See Manter, Franklin H., assignor.)
- Lister, R. A. & Company Limited. (See Harrison, Walter M., assignor.)
- Listo Pencil Corporation. (See Wehn, Charles E., assignor.)
- Litchfield, Isaac W., assignor to Bemis Industries, Incorporated, Boston, Mass. Casement locking mechanism. 1,905,921; Apr. 25.
- Litchfield, Isaac W., Boston, Mass., assignor, by mesne assignments, to Saranac Bag Sealers, Inc., Benton Harbor, Mich. Bag closing machine. 1,938,750; Dec. 12.
- Lite Watchman Corporation. (See Gordon, Hayner H., assignor.)
- Lithman, Leopold, New York, N. Y. Radiator. 1,938,434; Dec. 5.
- Lithographic Technical Foundation Inc. (See Reed, R. F., and George, assignors.)
- Little, Thomas J., Jr., Indianapolis, Ind., assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Vibration damper for explosion motors. 1,925,074; Aug. 29.
- Little, Thomas J., Jr., assignor to George M. Holley, Detroit, Mich. Hot spot manifold. 1,940,628; Dec. 19.
- Litt, John C., et al. (See Scharff, Joseph H., assignor.)
- Littell, James, Maracaibo, Venezuela. Well apparatus. 1,917,135; July 4.
- Littell, Nelson, New Canaan, Conn., and W. P. Hammond, Scarsdale, N. Y. Pin tumbler lock. 1,896,319; Feb. 7.
- Littellmann, Charles F. (See Oesterlein, C. D., and Littellmann.)
- Litteral, Dallas. (See Forbes, Bert B., assignor.)
- Litterio, Caesar B., assignor to Federal Products Corporation, Providence, R. I. Cylinder gauge. 1,899,920; Feb. 28.
- Little, Arthur D., Incorporated. (See Billings, Howard J., assignor.)
- Little, Charles E., Melrose, Mass. Eggbeater. 1,928,022; Sept. 26.
- Little, Charles E., Melrose, Mass. Tool box for hexagonal socket wrenches. 1,929,072; Oct. 3.
- Little, Charles E., Melrose, assignor to Dover Stamping & Manufacturing Company, Cambridge, Mass. Display stand. 1,919,439; July 25.
- Little, Charles H., Cleveland Heights, Ohio. Drafting machine. 1,909,289; May 16.
- Little, Charles H., Cleveland Heights, Ohio. Drafting machine. 1,909,290; May 16.
- Little, Charles H., Cleveland Heights, Ohio. Drafting machine. 1,909,291; May 16.
- Little, David A., Philadelphia, Pa. Grate. 1,908,854; May 16.
- Little, Donald G., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency control device. 1,907,986; May 9.
- Little, Donald G., Long Meadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Transmitting system. 1,939,070; Dec. 12.
- Little, Donald G., East Springfield, and N. C. Deibaugh, Longmeadow, Mass., assignors to Westinghouse Electric and Manufacturing Company. Radio signaling means. Re18,895; July 18.
- Little, Earl W., Indianapolis, Ind. Automatic welding machine. 1,895,577; Jan. 31.
- Little, Earl W., Indianapolis, Ind. Mechanism for constructing cages. 1,909,292; May 16.
- Little, Earl W., Indianapolis, Ind. Attaching bottoms, pans, and the like to cage structures. 1,926,491; Sept. 12.
- Little, George P., Chicago, Ill. Acoustical material. 1,910,844; May 23.
- Little, Harold B., assignor to The Baltimore Enamel & Novelty Co., Baltimore, Md. Sign frame. 1,913,334; June 6.
- Little, Harold H. (See Moore, H. H., Webster, and Little.)

- Little, Harry C., San Rafael, Calif. Oil burner. 1,897,314; Feb. 14.
- Little, Harry C., San Rafael, Calif. Burner. 1,933,146; Oct. 31.
- Little, Horace M., assignor to American Gyro Company, Denver, Colo. Spark plug. 1,929,748; Oct. 10.
- Little, Horace M., and E. R. Holmes, assignor to American Gyro Company, Denver, Colo. Spark plug. 1,913,712; June 13.
- Little, Jesse, Warwick Neck, assignor to Davol Rubber Company, Providence, R. I. Manufacture of rubber articles. 1,934,547; Nov. 7.
- Little, John W., Pawtucket, R. I. Title holder for cameras. 1,913,167; June 6.
- Little, Thomas J., jr., Birmingham, Mich. Bathroom scale. 1,928,065; Sept. 26.
- Little, Wendell D., Indianapolis, Ind. Match package. 1,926,682; Sept. 12.
- Little Bear Specialties Company. (See De Silva, Roberto, assignor.)
- Littlebury, William O., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Fusehead. 1,908,372; May 9.
- Littlefield, Arlon, Cranston, assignor to New England Butt Company, Providence, R. I. Stop motion mechanism. 1,930,245; Oct. 10.
- Littlefield, Arlon, Cranston, assignor to New England Butt Company, Providence, R. I. Winding machine. 1,934,363; Nov. 7.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Co., Battle Creek, Mich. Wrapping machine. 1,899,468; Feb. 28.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Conveyer mechanism. 1,903,375; Apr. 4.
- Littlefield, Carl, assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Slicing machine. 1,938,844; Dec. 12.
- Littlefield, Edgar, Columbus, Ohio. Ash tray or similar article. Des. 91,173; Dec. 12.
- Littlefield, Edgar E., Los Angeles, Calif. Valves and their operation. 1,893,627; Jan. 10.
- Littlefield, George E., assignor to American Roll Gold Leaf Company, Providence, R. I. Machine for applying metallic leaf. 1,898,782; Feb. 21.
- Littler, Carl W., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for tube manufacture. 1,903,296; Apr. 4.
- Littler, Carl W., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of tubes. 1,913,206; June 6.
- Littler, Carl W., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Tube manufacture. 1,919,637; July 25.
- Little Rock Basket Company. (See Phelps, Hubert, assignor.)
- Little Tavern Shops, Inc. (See Duncan, Harry F., assignor.)
- Littleway Process Company, The. (See Fausse, Joseph, assignor.)
- Littleway Process Company, The. (See Goddu, George, assignor.)
- Littmann, Leo. (See Strub, Othello, assignor.)
- Litton, Charles V., Redwood City, assignor to Federal Telegraph Company, San Francisco, Calif. Metal-to-glass seal. 1,940,870; Dec. 26.
- Littoo, John F., assignor to Hercules Glue Company, San Francisco, Calif. Spreader for spray compositions. 1,898,673; Feb. 21.
- Littrell, John N., assignor, by mesne assignments, of one-fourth to R. D. Goodin, one-fourth to A. Goodin, and one-fourth to C. J. Pass, Louisville, Ky. Piston for gasoline engines. 1,909,775; May 16.
- Litty, Elizabeth H. (See Litty, J. R., and Lundin, assignors.)
- Litty, John R., and T. B. Lundin; said Lundin assignor to Elizabeth H. Litty, Philadelphia, Pa. Cake cutting machine. 1,923,871; Aug. 22.
- Litty, Paul, Leipzig, Germany. Drawing mechanisms in textile machines. 1,912,946; June 6.
- Liva, Henry, assignor of one-half to Angelo Sebastianelli, Scranton, Pa. Permanent and temporary brake lock. 1,904,794; Apr. 18.
- Liva, Henry, assignor of one-half to Angelo Sebastianelli, Scranton, Pa. Lockable valve for gas burners. 1,929,362; Oct. 3.
- Liva, James, et al. (See Garrett, Alva, assignor.)
- Liva, James, Nevada City, Calif., assignor of forty per cent to Denver Equipment Company, Denver, Colo., and ten per cent to Alva Garrett. Flotation cell. 1,908,033; May 9.
- Lively, James M., Gold Hill, Oreg. Smelting process and apparatus. 1,903,733; Apr. 11.
- Livermore, H. F., Co. (See Livermore, Homer F., assignor.)
- Livermore, Homer F., Brookline, assignor to H. F. Livermore, Co., Allston, Mass. Knife for thread-cutting templates. 1,919,638; July 25.
- Livermore, William R. (See Freeman, A. E., and Livermore.)
- Livesay, Robert C., assignor to Deere & Company, Moline, Ill. Draft connection. 1,906,322; May 2.
- Livezey, William F., Philadelphia, Pa., assignor to E. L. Bruce Company, Memphis, Tenn. Laying wood block flooring. 1,925,070; Aug. 29.
- Livingston, Alan V., Englewood, N. J., assignor to The Safety Car Heating & Lighting Company. Regulating apparatus. 1,924,193; Aug. 29.
- Livingston Coffee Co. (See Livingston, William J., assignor.)
- Livingston, Edmund M., Lansdowne, Pa. Shearing and reforming continuous joint bars. 1,934,077; Nov. 7.
- Livingston, Fremont P., Denver, Colo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car control equipment. 1,932,079; Oct. 24.
- Livingston, John W., Kirkwood, assignor to Monsanto Chemical Works, St. Louis, Mo. Manufacture of maleic acid. 1,901,914; Mar. 21.
- Livingston, John W., Kirkwood, assignor to Monsanto Chemical Works, St. Louis, Mo. Manufacture of liquid dialkyl phthalate esters. 1,905,974; Apr. 25.
- Livingston, John W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track brake. 1,919,956; July 25.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,904,485; Apr. 18.
- Livingston, Orrin W., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,939,455; Dec. 12.
- Livingston, William J., assignor to Livingston Coffee Co., Chicago, Ill. Coffee and its manufacture. 1,897,393; Feb. 14.
- Livingstone, Alexander Y. (See Goldstein, R. F., and Livingstone.)
- Livingstone, Clarence J., and S. P. Marley, assignors to Gulf Refining Company, Pittsburgh, Pa. Removing engine carbon. 1,909,200; May 16.
- Lizaso, Fermin and Jorge Rigo, Habana, Cuba. Steel structure. 1,915,023; June 20.
- Lizon, Michael. (See Toniewicz, I. E., and Lizon.)
- Ljungquist, Gustaf, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 1,918,764; July 18.
- Ljungquist, Gustaf, assignor to Elektriska A/B., Volta, Stockholm, Sweden. Vacuum cleaner. 1,930,260; Dec. 19.
- Ljungström, Fredrik. (See Lysholm, A., Ljungström, and Eriksson.)
- Ljungström, Fredrik, Brevik, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Vane rim for turbines. 1,897,172; Feb. 14.
- Ljungström, Fredrik, Stockholm, Sweden, assignor, by mesne assignments, to Ped, Incorporated. Engine-driven driving mechanism. 1,897,506; Feb. 14.
- Ljungstrom, Fredrik, Stockholm, Sweden, assignor, by mesne assignments, to Ped, Incorporated. Control for self-propelled vehicles. 1,924,867; Aug. 29.
- Ljunström, Fredrik, Lidingö, Sweden, assignor, by mesne assignments, to Ped, Incorporated. Self-propelled vehicle. 1,923,102; Aug. 22.
- Ljungstrom, Fredrik, Lidingö, Sweden, assignor, by mesne assignments, to Ped, Incorporated. Friction clutch. 1,929,503; Oct. 10.
- Ljungström, Fredrik, Lidingö, Sweden, assignor, by mesne assignments, to Ped, Incorporated. Brake. 1,938,632; Dec. 12.
- Ljungström, Fredrik, Lidingö-Brevik, assignor to Aktiebolaget Spontan, Stockholm, Sweden. Electric machine. 1,941,038; Dec. 26.
- Llewellyn, Albert R. (See Falge, R. N., Lewellyn, and Michel.)
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits for space discharge devices. 1,893,031; Jan. 3.
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating device. 1,896,780; Feb. 7.
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant frequency oscillator. 1,896,781; Feb. 7.
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reactive element having stable temperature-reactance characteristics. 1,910,957; May 23.
- Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 1,926,875; Sept. 12.
- Llewellyn Iron Works. (See Baruch, M., De Camp, and Walker, assignors.)
- Llewellyn, Samuel G., Evanston, Ill., assignor to Pettibone Mulliken Company. Dipper front. 1,920,703; Aug. 1.
- Lloyd, Arthur J., Oak Park, assignor to W. G. Lloyd Company, Chicago, Ill. Adjustable rack. 1,923,318; Aug. 22.
- Lloyd, Charles G., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Electric sheet-welding apparatus. 1,933,560; Nov. 7.
- Lloyd, Eugene M., New York, N. Y. Handle structure. 1,909,368; May 16.
- Lloyd, Fred, Wilkes-Barre, Pa. Antiskid device. 1,901,311; Mar. 14.
- Lloyd, Harold B., Sioux City, Iowa. Nonsubstituting container. Re18,759; Mar. 7.
- Lloyd, Harold B., Sioux City, Iowa. Nonsubstituting, shipping, and dispensing apparatus. 1,910,925; May 23.

- Lloyd, Herbert W., and J. R. Holmes, assignors to Harrison Radiator Corporation, Lockport, N. Y. Overflow tank for radiators. 1,927,317; Sept. 19.
- Lloyd, John, North Braddock, Pa. Preventing the formation of scale. 1,916,677; July 4.
- Lloyd, John, assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England. Landing gear for aircraft. 1,903,186; Mar. 28.
- Lloyd, Lester T., assignor to W. G. Lloyd Company, Chicago, Ill. Loose-leaf binder. 1,902,786; Mar. 21.
- Lloyd, Lester T., Oak Park, and H. E. Olsen, assignors to W. G. Lloyd Company, Chicago, Ill. Binder. 1,909,293; May 16.
- Lloyd, Richard L., Providence, R. I. Pin setting and ball returning device. 1,931,824; Oct. 24.
- Lloyd, Stanley M., Berganfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Continuity testing apparatus. 1,914,139; June 13.
- Lloyd, Thorne E., Stanhope, N. J., assignor to Dwight & Lloyd Sintering Company, New York, N. Y. Method of and apparatus for producing cellular aggregate. 1,932,416; Oct. 31.
- Lloyd, W. G., Company. (See Lloyd, Arthur J., assignor.)
- Lloyd, W. G., Company. (See Lloyd, Lester T., assignor.)
- Lloyd, W. G., Company. (See Lloyd, L. T., and Olsen, assignors.)
- Lloyd, William L. (See Gallagher, W. R., jr., and Lloyd.)
- Lobb, Frank H., Ridley Park, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Machine for making articles from molten material. 1,920,908; Aug. 1.
- Lobb, Richard J. (See Treese, Goddard, assignor.)
- Löbbecke, Wilhelm, Oberaden, assignor to Gewerkschaft Eisenhütte Westfalia, Lunen-on-the-Lippe, Germany. Rope flanking sheave. 1,915,501; June 27.
- Löbbecke, Karl. (See Bansen, H., and Löbbecke.)
- Lobel, Alex A., and M. Loft, New York, N. Y. Pencil case. 1,940,094; Dec. 19.
- Lobel, Paul A., New York, N. Y. Bridge table or similar article. 1,895,290; Jan. 24.
- Lobel, Rudolph, Brooklyn, N. Y. Hand bag. Des. 90,533; Aug. 22.
- Lobel, Rudolph, assignor to Graceline Handbags, Inc., New York, N. Y. Initial and means for connecting the same to handbag frames. 1,912,852; June 6.
- Lobez, Pierre L., Wilkinsburg, and S. Vorech, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,927,942; Sept. 26.
- Lobley, Alfred G., Parade, assignor of one-half to Birmingham Electric Furnaces Limited, Birmingham, England. Electric furnace. 1,906,799; May 2.
- Lobley, Max E., New York, N. Y., assignor to American Circular Loom Company, Inc., Dover, Del. Electric welding machine. 1,906,323; May 2.
- Löblich, Helmuth. (See Löblich, Werner and H.)
- Löblich, Werner and H., Dresden, Germany. Tightening and closing device. 1,939,123; Dec. 12.
- Locher & Cie. (See Seger, Jacob, assignor.)
- Löcher, Paul J., assignor to A. B. Farquhar Co., Limited, York, Pa. Press. 1,939,014; Dec. 12.
- Lochner, Michael, Buffalo, N. Y. Window construction. 1,933,916; Nov. 7.
- Locke, Edwin A., jr., Quincy, Mass., assignor to The Nevins-Church Press, New York, N. Y. Display card. 1,916,057; June 27.
- Locke, Edwin A., jr., Quincy, Mass., assignor to The Nevins-Church Press, New York, N. Y. Display stand and box. 1,938,490; Dec. 5.
- Locke, Fred J. (See Locke, Fred M., and F. J.)
- Locke, Fred M., deceased, and F. J. Locke, deceased; by Mercie P. Locke executrix and administratrix de bonis non, Victor, assignor to Corning Glass Works, Corning, N. Y. Process of melting glass. 1,923,221; Aug. 22.
- Locke, George A., Glenwood, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse-receiving system. 1,934,364; Nov. 7.
- Locke, George A., Glenwood, and C. C. Lane, Little Neck, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph exchange system. 1,936,200; Nov. 21.
- Locke Insulator Corporation. (See Bettini, David, assignor.)
- Locke Insulator Corporation. (See Burnham, Alfred H., assignor.)
- Locke Insulator Corporation. (See Cramer, Walter, assignor.)
- Locke Insulator Corporation. (See Gouverneur, Minor F. H., assignor.)
- Locke Insulator Corporation. (See Hawley, Kent A., assignor.)
- Locke Insulator Corporation. (See Moore, Stewart L., jr., assignor.)
- Locke Insulator Corporation. (See Plimpton, Bentley A., assignor.)
- Locke Insulator Corporation. (See Plimpton, B. A., and Hawley, assignors.)
- Locke Insulator Corporation. (See Rowland, D. H., and Wetzel, assignors.)
- Locke Insulator Corporation. (See Stevens, Frank J., assignor.)
- Locke, Mercie P., executrix and administratrix. (See Locke, Fred M. and F. J.)
- Locke, Sanford J., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment press. 1,903,402; Apr. 4.
- Locke, Sylvanus D., Bridgeport, Conn., assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receiver. 1,913,452; June 13.
- Locke, Sylvanus D., Bridgeport, and C. R. Dosch, Stratford, and H. J. Stegeman, Fairfield, Conn., assignors, by mesne assignments, to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,905,179; Apr. 25.
- Locke, Sylvanus D., Bridgeport, and H. J. Stegeman, Fairfield, Conn. Automobile body. 1,922,545; Aug. 15.
- Lockhart, Carl B., Youngstown, Ohio, and L. E. Allen, assignors to Pennsylvania Engineering Works, New Castle, Pa. Heating furnace and forming the same. 1,933,743; Nov. 7.
- Lockhart, George R., Providence, assignor to Manville Jenckes Company, Pawtucket, R. I. Reinforced vulcanized rubber articles and making the same. 1,902,871; Mar. 28.
- Lockhart, George R., Providence, assignor to Manville Jenckes Company, Pawtucket, R. I. Manufacture of rayon. 1,904,877; Apr. 18.
- Lockhart, George R., Providence, assignor to Manville Jenckes Company, Pawtucket, R. I. Manufacture of rayon. 1,906,983; May 2.
- Lockhart, John F. (See Bedard, W., and Lockhart.)
- Lock Joint Window Company. (See Foresman, Harry B., assignor.)
- Locklin, Curtis B., Los Angeles, Calif. Potassium phosphate conversion. 1,939,858; Dec. 19.
- Lock Nut Company. (See Arenz, John A., assignor.)
- Lockrow, Laurice L., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Transmission line. 1,910,471; May 23.
- Lock-Steel Company, The. (See Greulich, Gerald G., assignor.)
- Lockwood, Arthur L. (See King, D. W., and Lockwood.)
- Lockwood, Edwin J., Peekskill, assignor to The Borden Company, New York, N. Y. Apparatus for manufacturing solid carbon dioxide. 1,895,886; Jan. 31.
- Lockwood, Erwin A. (See Hanser, C. A., and Lockwood.)
- Lockwood, Harry A., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Bake pan. 1,909,873; May 16.
- Lockwood, Jack C., Los Angeles, Calif. Skirt. 1,906,912; May 2.
- Lockwood, Lee W., Minneapolis, Minn. Teeth cleaning device. 1,939,996; Dec. 19.
- Lockwood, Lloyd D., Madison, N. J., assignor to Westinghouse Lamp Company. Lamp manufacture. 1,895,855; Jan. 31.
- Lockwood Manufacturing Company, The. (See Chandonia, Elmer H., assignor.)
- Lockwood Manufacturing Company, The. (See Lockwood, Harry A., assignor.)
- Lockwood Manufacturing Company, The. (See Schultz, Fred, assignor.)
- Lockyer, Emily G. F., London, England. Electric apparatus for keeping food hot or heating same. 1,930,394; Oct. 10.
- Lockyer, Robert, Point Edward, Ontario, Canada. Battery terminal protector. 1,931,949; Oct. 24.
- Locello, Luigi, and A. Morra, Plainfield, N. J. Automobile license tag holder. 1,922,595; Aug. 15.
- Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
- Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
- Locomotive Firebox Company. (See Hawley, Charles G., assignor.)
- Locomotive Firebox Company. (See Hinsch, Walter H., assignor.)
- Locomotive Firebox Company. (See Hinsch, W. H., and Baker, assignors.)
- Loceille, Claude, Fauquez, Belgium. Process and apparatus for printing glass sheets. 1,903,718; Apr. 11.
- Lödöesöl, Aasulv, Aas, near Oslo, Norway. Electrolyzer. 1,926,591; Sept. 12.
- Lodeesen, Herman J. (See Tanner, R. R., and Lodeesen, assignors.)
- Lodge, Edmund G., Oak Lane, assignor to H. H. Eby, Philadelphia, Pa. Volume control device. 1,926,206; Sept. 12.
- Lodge, Edwin W., Haddonfield, N. J., assignor of one-half to Lowder T. Layton, Merion, Pa. Dispensing structure. 1,924,561; Aug. 29.
- Lodge, Joseph E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling material. 1,931,872; Oct. 24.
- Lodge, William C., Montreal, Quebec, Canada, assignor to Manson Chemical Company, Paper product and making same. 1,903,787; Apr. 18.
- Loeb, Henry, sr., Memphis, Tenn. Surgical belt. 1,908,906; May 16.
- Loeb, Henry D., Port Arthur, Tex. Converting hydrocarbon oil. 1,941,440; Dec. 26.
- Loeb, Julien, Brooklyn, N. Y. Cooling chest for food-stuffs. 1,918,046; July 11.
- Loeb, Rudolf, Ventnor, N. J. Producing embroidered fabrics. 1,909,185; May 16.
- Loeb, Rudolf, Ventnor, N. J. Ornamental edging. 1,925,146; Sept. 5.
- Loebel, Zanvil C., New York, N. Y., assignor to The Flintkote Company, Boston, Mass. Surfacing material and preparing same. 1,923,835; Aug. 22.

- Loebell, Henry O., Whitestone, assignor to Henry L. Doherty, New York, N. Y. Apparatus for manufacturing combustible gas. 1,896,799; Feb. 7.
- Loebell, Henry O., Malba, assignor to Combustion Utilities Corporation, New York, N. Y. Making carbonized fuel briquettes. 1,912,002; May 30.
- Loebell, Henry O., Malba, assignor to H. L. Doherty, New York, N. Y. Gas making apparatus. 1,937,580; Dec. 5.
- Loeber, Herman M. (See Dempster, C. B., and Loeber.)
- Loeber, Herman M., and A. P. Elliott, assignors to Dempster Mill Manufacturing Company, Beatrice, Nebr. Telescoping boring bar for earth boring machines. 1,897,434; Feb. 14.
- Loeber, John P., Baltimore, Md. Can. 1,921,682; Aug. 8.
- Loedding, Alfred C., Baden, assignor of one-fourth to F. C. Schroeder, Sewickley, Pa. Airplane. 1,897,669; Feb. 14.
- Loeffler, Alvin F. (See Eck, G. E. W., and Loeffler.)
- Loeffler, Edmund J., Glendale, Calif. Self opening and closing three-way mirror. 1,902,037; Mar. 21.
- Loeffler, Louis J., Stapleton, N. Y. Electric signaling device. 1,927,239; Sept. 19.
- Loeffler, Louis J., Stapleton, N. Y. Annunciator signal. 1,913,937; June 13.
- Loehr, Charles E., Wooster, Ohio, O. MacNab, Evanson, and W. R. Chamberlin, Chicago, Ill., assignors to Wooster Products Inc., Wooster, Ohio. Trim for wall coverings. 1,910,554; May 23.
- Loehr, Leslie K., and W. E. Burdick, assignors to The Startomatic Corporation, Los Angeles, Calif. Automatic starting mechanism. 1,912,904; June 6.
- Loening, Erich, Berlin-Neutempelhof, Germany. Making photographic prints. 1,928,181; Sept. 26.
- Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, Long Island, N. Y. Airplane. 1,911,577; May 30.
- Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, Long Island, N. Y. Aircraft. 1,921,992; Aug. 8.
- Loening, Grover, Aircraft Company, Inc. (See Loening, Grover, assignor.)
- Loepsinger, Albert, assignor to General Fire Extinguisher Company, Providence, R. I. Sprinkler head. 1,919,235; July 25.
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Making pipe bends or the like. 1,908,373; May 9.
- Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Sprinkler. 1,913,035; June 6.
- Loetscher, Emil C., Dubuque, Iowa. Reproducing surface inlays on panels of composite fibrous materials. 1,902,087; Mar. 21.
- Loetscher, Emil C., Dubuque, Iowa. Door of composite fibrous construction. 1,908,263; May 9.
- Loetscher, Emil C., Dubuque, Iowa. Veneered door and like product. 1,911,374; May 30.
- Loetscher, Emil C., Dubuque, Iowa. Reproducing marbled surfaces on composite building materials. 1,931,667; Oct. 24.
- Loetscher, Emil C., Dubuque, Iowa. Insulating material and making the same. 1,938,917; Dec. 12.
- Loewe, Bernard, Milan, Italy. Reeling-off silk cocoons. 1,899,513; Feb. 28.
- Loewe, Bernhard, Berlin, Germany. Manufacturing highly emissive cathodes. 1,917,044; July 4.
- Loewe, Siegmund, Berlin-Steglitz, Germany. Indirectly heated cathode. 1,939,997; Dec. 19.
- Loewe, Siegmund, Berlin, Friedenau, Germany, assignor to Radio Corporation of America. Multiple-unit tube. 1,895,254; Jan. 24.
- Loewe, Siegmund, Berlin, Friedenau, Germany, assignor to Radio Corporation of America. Multiple unit tube. 1,895,255; Jan. 24.
- Loewe, Siegmund, Berlin, Friedenau, Germany, assignor to Radio Corporation of America. Means for the remote reading of instruments. 1,897,204; Feb. 14.
- Loewe, Siegmund, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Multiple booster or multiple vibration generator. 1,901,605; Mar. 14.
- Loewe, Siegmund, and E. Römheld, Berlin, Germany. Electron valve with centered heater. 1,893,953; Jan. 10.
- Loewenstein, Rudolph, Paris, France. Device for automatically dimming the lights of automobiles. 1,917,532; July 11.
- Loewy, Raymond G. F., New York, N. Y. Locomotive. Des. 89,282; Feb. 14.
- Loewy, Raymond G. F., New York, N. Y. Locomotive. Des. 89,283; Feb. 14.
- Loewy, Raymond G. F., New York, N. Y. Windshield. 1,893,709; Jan. 10.
- Loewy, Raymond G. F., New York, assignor to Colonial Radio Corporation, Buffalo, N. Y. Cabinet for radio-receiver. Des. 90,586; Aug. 29.
- Löffler, Jenny E., sole heir. (See Löffler, Stephan.)
- Löffler, Stephan, deceased, by Jenny E. Löffler, sole heir. Berlin-Charlottenburg, Germany. Treating coals, tars, mineral oils, and the like, by hydrogenation under high pressure and at high temperature. 1,893,423; Jan. 3.
- Löfgren, Erik O., Stocksund, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Elimination of ripples in cascade coupled thermionic valves. 1,923,222; Aug. 22.
- Lofgren, John, assignor to Ralco Manufacturing Company, Chicago, Ill. Safety switch. 1,924,691; Aug. 29.
- Lofgren, Peter. (See Howard, C. P., and Lofgren.)
- Lofgren, Peter, assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Seating ring for pipe couplings. 1,905,115; Apr. 25.
- Lofhjelm, Carl A. (See Alfthan, J., and Lofhjelm.)
- Lofland, Emil M., Chicago, Ill. Production of white lead. 1,914,952; June 20.
- Lofland, Emil M., Chicago, Ill. Apparatus for production of oxides. 1,924,126; Aug. 29.
- Lofland, Emil M., Chicago, Ill. Apparatus for production of oxides. 1,924,127; Aug. 29.
- Löfönd, Fritz. (See Büsdorf, J., and Löfönd.)
- Lofman, Charles, Riverside, assignor to S. Karpen & Bros., Chicago, Ill. Eyelet machine. 1,895,550; Jan. 31.
- Lofman, Charles, Riverside, assignor to S. Karpen & Bros., Chicago, Ill. Mattress and mattress manufacture. 1,898,454; Feb. 21.
- Lofman, Charles, assignor to S. Karpen & Bros., Chicago, Ill. Spring-structure. 1,898,455; Feb. 21.
- Lofman, Charles, Riverside, assignor to S. Karpen & Bros., Chicago, Ill. Mattress and its manufacture. 1,925,766; Sept. 5.
- Lofman, Charles, Riverside, assignor to S. Karpen & Bros., Chicago, Ill. Mattress and mattress cover. 1,932,139; Oct. 24.
- Löfquist, Helge, Stockholm, Sweden. Metallurgical concentration of raw material. 1,927,240; Sept. 19.
- Lofquist, Nils, Dalton, Mass. Revolving toy bell. Des. 89,084; Jan. 24.
- Loft, Max. (See Lobel, A. A., and Loft.)
- Lofthouse, William L., Los Angeles, Calif. Electric soldering iron. 1,927,570; Sept. 19.
- Loftin, Edward H. (See White, Sidney Y., assignor.)
- Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Electrical sliding contact. 1,908,908; May 16.
- Lofton, Lyman L., Ardmore, Okla. Combined chair and stepladder. 1,896,451; Feb. 7.
- Lofton, Tollie M., Wisner, La. Fork attachment for shovels and the like. 1,935,510; Nov. 14.
- Loftus, Donald A., Cleveland, Ohio, and A. M. Mertzano, New York, N. Y. Insulating building block. 1,924,103; Sept. 5.
- Logan Co., The. (See Logan, Z. S., and Pike, assignors.)
- Logan Co. Inc. (See Gotthardt, Henry R., assignor.)
- Logan Co. Inc. (See Gotthardt, H. R., and Cain, assignors.)
- Logan Co., Inc. (See Posey, Herbert D., assignor.)
- Logan, Everett, assignor of one-half to A. B. Cummons, of Portland, Oreg. Automatic locator recorder. 1,916,734; July 4.
- Logan, Henry H., Chicago, Ill. Shock absorber. 1,940,871; Dec. 26.
- Logan, John W., Jr., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,931,149; Oct. 17.
- Logan, John W., Jr., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,937,768; Dec. 5.
- Logan, Joseph A., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 1,900,652; Mar. 7.
- Logan, Joseph A., and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 1,929,749; Oct. 10.
- Logan, Lloyd L., Calexico, Calif. Oil burner. 1,899,003; Feb. 28.
- Logan-Long Company, The. (See Sweet, Donald H., assignor.)
- Logan, Robert L., Bayonne, N. J. Cylinder for washing machines. 1,897,615; Feb. 14.
- Logan, Zach S., and W. P. Pike, assignors to The Logan Co., Louisville, Ky. Bed. 1,899,762; Feb. 28.
- Log Cottage Company. (See Muffley, H. A., and McLeer, assignor.)
- Logette, Abraham I., and E. H. Dainton, London, England. Lifting apparatus. 1,915,024; June 20.
- Logie, Thomas T., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,928,729; Oct. 3.
- Logue, Paul, Birmingham, Ala., and T. W. Schib, St. Louis, Mo., assignors to Swann Research, Inc. Polishing composition and preparing same. 1,896,823; Feb. 7.
- Logwood, Charles V., Providence, R. I., assignor to Radio Corporation of America, New York, N. Y. Increasing the selectivity of tuned radio frequency systems. 1,900,293; Mar. 7.
- Lohner, Carl L., assignor to Industrial Patents Corporation, Chicago, Ill. Belly inspection device. 1,927,874; Sept. 26.
- Löhr, Adolf, and K. Gebhardt, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Bottom for reaction towers. 1,910,027; May 23.
- Lohrer, Walter W., near Olympia, Wash. Poultry nest. 1,911,633; May 30.
- Loibl, Ludwig, Chicago, Ill. Filing device. 1,923,445; Aug. 22.
- Loibl, Ludwig, Chicago, Ill. Filing device. 1,923,446; Aug. 22.
- Loimann, Anton. (See Hilscher, C., and Loimann.)

- Lökke, Ole A., Nordstrandshogda, near Oslo, assignor to A/S Elektrisk Bureau, Oslo, Norway. Electrical heating apparatus. 1,930,880; Oct. 17.
- Lomando, Lewis, Hazleton, Pa. Chain link and conveyer formed therefrom. 1,910,804; May 23.
- Lomax, Clarence E. (See Saunders, N. H., and Lomax.)
- Lomax, Clarence E., (See Saunders, N. H., Lomax, and Crocker.)
- Lomax, Clarence E. (See Tharp, V. S., and Lomax.)
- Lomax, Clarence E., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,925,264; Sept. 5.
- Lombard, George S., assignor to Lombard Iron Works & Supply Company, Augusta, Ga. Lubricating system. 1,937,237; Nov. 28.
- Lombard Iron Works & Supply Company. (See Lombard, George S., assignor.)
- Lombardi, Vincent, Brooklyn, N. Y. Knitting machine. 1,896,635; Feb. 7.
- Lombardini, Luigi, Turin, Italy. Vertical card filing cabinet. 1,918,765; July 18.
- Lombardini, Pietro C., London, England. Water craft. 1,924,949; Aug. 29.
- Lombardo, Anthony, Brooklyn, N. Y. Bridge watch. Des. 88,969; Jan. 10.
- Lombardo, Louis, Detroit, Mich. Automatic variable speed transmission. 1,922,624; Aug. 15.
- Lommel, Wilhelm. (See Klingemann, F., Lommel, Korten, and Goost.)
- Lommel, Wilhelm, Leverkusen-Wiesdorf, and R. Engelhardt, Leverkusen-I. G.-Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing alkyl esters of carboxylic acids. 1,903,868; Apr. 18.
- Lommel, Wilhelm, Wiesdorf-on-the-Rhine, and R. Engelhardt, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Phosphorous and phosphoric acid esters. 1,936,985; Nov. 28.
- Lommel, Wilhelm, and H. Münzel, Wiesdorf-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Media for protecting furs, hairs, feathers, and animal textile products against the attack of animal and plant pests. 1,921,364; Aug. 8.
- Lommel, Wilhelm, and H. Münzel, Leverkusen-Wiesdorf-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mothproofing substances. 1,923,223; Aug. 22.
- Lommel, Wilhelm, Wiesdorf-on-the-Rhine, and T. Goost, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydrogenation of homologues of aniline. 1,927,129; Sept. 19.
- Lommel, Wilhelm, Wiesdorf, and T. Goost, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Catalytic hydrogenation of monamines of the benzene series. 1,927,130; Sept. 19.
- Lomnitz, Alfred, Berlin-Charlottenburg, Germany. Display device. 1,915,741; June 27.
- Lomo, Henry, Chicago, Ill. Safety device for flatirons. 1,935,407; Nov. 14.
- Lomonosoff, George V. (See Kapitza, P., and Lomonosoff.)
- Londat Aetz Fabric Co. (See Snell, F. D., and London, assignor.)
- London, Aaron. (See Snell, F. D., and London.)
- London, Jacob M. (See Crawford, G. M., and London.)
- London, Joseph, Brooklyn, N. Y. Bed spring. 1,934,365; Nov. 7.
- London Power Company Limited. (See Pearce, Standen L., assignor.)
- Loneragan, George P. (See Beane, H. E., and Loneragan.)
- Loneragan, Simon J., assignor to Bastian-Morley Company, La Porte, Ind. Casing structure for water heaters and other heating appliances. 1,911,760; May 30.
- Long, Albert E., assignor to Stromberg Electric Company, Chicago, Ill. Timing and signaling device. 1,937,392; Nov. 28.
- Long, Archie O., Kansas City, Mo. Unloading net for extractors. 1,932,527; Oct. 31.
- Long, Armistead R., Scarbro, W. Va. Mine car. 1,922,310; Aug. 15.
- Long, Arthur H., assignor to R. S. Newbold & Son Company, Incorporated, Norristown, Pa. Sheet straightening machine. 1,911,321; May 30.
- Long-Belt Lumber Company, The. (See Kemp, Thomas A., assignor.)
- Long, Bernard, Paris, and R. Touvy, Cirey-sur-Vezouze, France, assignors, by mesne assignments, to The American Securit Company. Tempered glass sheet and producing the same. 1,916,174; June 27.
- Long, Charles A., jr., Haddon Heights, N. J. Method of and device for advertising. 1,899,282; Feb. 28.
- Long, Dorothy, assignor to Franklin Simon & Company, Inc., New York, N. Y. Ensemble dress. Des. 89,711; Apr. 25.
- Long, Dorothy, assignor to Franklin Simon & Company, Inc., New York, N. Y. Ensemble dress. Des. 89,774; May 2.
- Long, Dorothy, assignor to Franklin Simon & Company, Inc., New York, N. Y. Ensemble dress. Des. 89,775; May 2.
- Long, Dorothy, assignor to Franklin Simon & Company, Inc., New York, N. Y. Panties. 1,929,363; Oct. 3.
- Long, Eldridge E., assignor of one-half to A. Zeller, Troutdale, Oreg. Lifting jack. 1,916,517; July 4.
- Long, Eldridge E., assignor of one-half to A. Zeller, Troutdale, Oreg. Lifting jack. 1,925,194; Sept. 5.
- Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Surface grinder. 1,927,552; Sept. 19.
- Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Machine for marking partially finished lens blanks. 1,929,534; Oct. 10.
- Long, Frank V. (See Jones, Henry A., assignor.)
- Long, Fred R., Catawissa, Pa. Combination check valve and union. 1,932,348; Oct. 24.
- Long, G. A., administrator. (See Borden, William E.)
- Long, George, Evanston, Ill. Thermal protective device. 1,926,592; Sept. 12.
- Long, George A., assignor to the Long Security Lock Company, Hartford, Conn. Lock. 1,900,185; Mar. 7.
- Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Key cutting machine. 1,925,723; Sept. 5.
- Long, Herbert J. (See Schneider, F. D., and Long.)
- Long, Hubert H., Jackson, Tenn., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Vegetable spray counter. 1,924,505; Aug. 29.
- Long, Ira L., Peoria, Ill. Scraper. 1,911,700; May 30.
- Long, James W., Plainfield, N. J., and R. Steeneck, assignors to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 1,909,201; May 16.
- Long, James W., and T. G. Collings, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Display apparatus for bulletin printers. 1,932,977; Oct. 31.
- Long, John E., Multnomah, Oreg. Panel unit sign. 1,894,380; Jan. 17.
- Long, John E., Multnomah, Oreg. Dishwasher. 1,927,943; Sept. 26.
- Long, John R., Los Angeles, Calif. Pipe wrench. 1,932,113; Oct. 24.
- Long, John R., Los Angeles, Calif. Revolvable stall for automobiles. 1,934,933; Nov. 14.
- Long, John R., Los Angeles, Calif. Vise. 1,940,261; Dec. 19.
- Long, Joseph H., Cleveland, Ohio. Refrigerator. 1,905,597; Apr. 25.
- Long, Joseph H., Cleveland, Ohio. Radiator for hot water or steam. 1,911,197; May 30.
- Long, Joseph H., Cleveland, Ohio. Heater. 1,921,532; Aug. 8.
- Long, Joseph H., Cleveland, Ohio. Heater. 1,935,852; Nov. 21.
- Long, Leland E. (See Whitworth, S., and Long.)
- Long, Leonard F., Montreal, Quebec, Canada, assignor to The Barrett Company, New York, N. Y. Roofing. 1,902,872; Mar. 28.
- Long Manufacturing Company. (See Herz, Ferdinand B., assignor.)
- Long Manufacturing Company. (See Ritter, William C., assignor.)
- Long Manufacturing Company. (See Valpey, Henry H., assignor.)
- Long Manufacturing Company. (See Zeidler, Reinhold C., assignor.)
- Long, Maurice B., Glen Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Synchronizing system. 1,930,246; Oct. 10.
- Long, Millard E., assignor to C. D. Newton, San Antonio, Tex. Film drying machine. 1,927,711; Sept. 19.
- Long, Robert B. (See Ohmer, J. F., Long, and Baker.)
- Long, Robert B., assignor to Ohmer Fare Register Company, Dayton, Ohio. Recording machine. 1,938,663; Dec. 12.
- Long, Robert, and E. Gustafsson, assignors to Binks Manufacturing Company, Chicago, Ill. Air nozzle for spray appliances. 1,897,173; Feb. 14.
- Long Security Lock Company. (See Long, George A., assignor.)
- Long, Seth, Seattle, Wash. Carburetor air feed. 1,908,432; May 9.
- Long, Sidney L., Minneapolis, Minn. Mechanical toy. 1,914,515; June 20.
- Long, Spencer W. (See Young, F. J., Long, and Morgan.)
- Long, Thomas H., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inductor coil. 1,912,903; June 6.
- Long, Thomas H., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Induction furnace. 1,926,811; Sept. 12.
- Long, Thomas H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulse-actuated lock-in relaying system. 1,939,071; Dec. 12.
- Long, Wilber L., Kirksville, Mo. Incubator. 1,895,042; Jan. 24.
- Long, Wilber L., assignor of one-fifth to H. B. Young, one-fourth to A. J. White, and one-tenth to Dr. F. B. Farrington, Kirksville, Mo. Electric socket. 1,907,422; May 2.
- Long, Wilfrid J., et al. (See Murray, Alan R., assignor.)
- Long, William, Willoughby, Ohio. Head support for electric lamps. 1,925,593; Sept. 5.
- Longacre, Frederick V. D., Yonkers, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 1,909,974; May 23.
- Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Plunger pump. 1,904,486; Apr. 18.

- Longenecker, Levi S., Pittsburgh, Pa. Suspended refractory structures. 1,913,168; June 6.
- Longfellow, Dwight W., Minneapolis, assignor to The Elk River Concrete Products Co., Elk River, Minn. Connecting truss for drain pipes. 1,941,358; Dec. 26.
- Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Cervical splint. 1,930,440; Oct. 10.
- Longfellow, Samuel H., Tulsa, Okla. Air inlet valve for internal combustion engines. 1,922,379; Aug. 15.
- Longview Fibre Company. (See Wollenberg, Harry L., assignor.)
- Longwell, James R., Cleveland, Ohio, assignor to Carboloy Company, Inc., Detroit, Mich. Wire drawing apparatus. 1,896,674; Feb. 7.
- Lonza Elektricitätswerke und Chemische Fabriken, A. G. (See Wamoscher, Laszlo, assignor.)
- Lonza Elektricitätswerke und Chemische Fabriken Aktiengesellschaft. (See Laudi, Otto, assignor.)
- Lonza Elektricitätswerke und Chemische Fabriken Aktiengesellschaft. (See Luscher, Emil, assignor.)
- Lonza Elektricitätswerke und Chemische Fabriken Aktiengesellschaft. (See Ruosch, Samuel, assignor.)
- Lonza Elektricitätswerke und Chemische Fabriken Aktiengesellschaft. (See Trümpler, Gottfried, assignor.)
- Lonza-Werke Elektrochemische Fabriken G. m. b. H., the Firm. (See Stöhr, Josef, assignor.)
- Loock, Robert J., Baltimore, Md. Cushioning device. 1,896,908; Feb. 7.
- Looker, Charles, Columbus, Ohio. Battery terminal clamp. 1,914,998; June 20.
- Looker, Cloyd D., and E. B. Kester, Nitro, W. Va.; H. B. Hass, Lafayette, Ind., and W. Z. Friend, South Sudbury, Mass., assignors to The Baltimore Gas Engineering Corporation. Treatment of hydrocarbons. 1,923,630; Aug. 22.
- Looman, Iris C., Skellytown, Tex. Evacuator. 1,939,124; Dec. 12.
- Loomis, Alfred L. (See Harvey, E. N., and Loomis.)
- Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Ind. Thumb-hook for musical instruments. 1,937,025; Nov. 28.
- Loomis, Chauncey C., Lenox, Mass. Treatment of dolomitic stone. 1,894,184; Jan. 10.
- Loomis, Chauncey C., Lenox, Mass., and A. D. Macdonald, New York, N. Y., assignors, by mesne assignments, to New England Lime Company, Pittsfield, Mass. Simultaneous production of condensed carbon dioxide and slow setting cement. 1,905,598; Apr. 25.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,900,184; Mar. 7.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,905,922; Apr. 25.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,908,034; May 9.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,908,035; May 9.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,908,036; May 9.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,913,840; June 13.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,924,692; Aug. 29.
- Loomis, Crawford C., Iliion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,931,262; Oct. 17.
- Loomis, Daniel M. (See Loomis, Frederick O. W. and D. M.)
- Loomis, Earl R., Oakmont, Pa. Brush protecting device. 1,934,316; Nov. 7.
- Loomis, Evarts G., Company. (See Loomis, Evarts G., assignor.)
- Loomis, Evarts G., assignor to E. G. Loomis Company, Newark, N. J. Shaping celluloid articles. 1,915,936; June 27.
- Loomis, Fred J., assignor to General Electric Company, Haddonfield, N. J. Film gate structure. 1,928,456; Sept. 26.
- Loomis, Frederick O. W. and D. M., Montreal, Quebec, Canada. Preparing bituminous road surfacing materials. 1,911,761; May 30.
- Loomis, Frederick O. W. and D. M., Montreal, Quebec, Canada. Emulsifying apparatus. 1,935,884; Nov. 21.
- Loomis, Nathaniel E., Westfield, N. J., assignor to Standard Oil Development Company. Separating cracked hydrocarbon material. 1,899,897; Feb. 28.
- Loomis, Nathaniel E., Westfield, N. J., assignor to Standard Oil Development Company. Flash distillation of oils. 1,911,836; May 30.
- Loomis, Nathaniel E., Westfield, and A. H. Tomlinson, Elizabeth, N. J., assignors to Standard Oil Development Company. Process and apparatus for cracking oil. 1,900,116; Mar. 7.
- Loomis, Ralph L., Bedford, Mass. Forming wadding and bats and product. 1,928,568; Sept. 26.
- Loomis, Stump and Banks. (See McDaniel, Alonzo S., assignor.)
- Loosli, Eugene, Iliion, N. Y. Electric plug. 1,917,803; July 11.
- López, Andrés R., San Salvador, El Salvador. Apparatus for winding spring motors. 1,914,748; June 20.
- Lopez, Joaquin A., Habana, Cuba. Wrapping machine. 1,929,001; Oct. 3.
- Lopez, Nicolas A., Chicago, Ill. Time controlled switch. 1,910,114; May 23.
- Lopez, Ricardo. (See Coultas, W. J., Swenson and Lopez.)
- Lopizzo, Giovanni, et al. (See Ramondetta, Gaetano, assignor.)
- Loppacker, Albert, Bloomfield, N. J. Audion valve structure. 1,929,699; Oct. 10.
- Lorang, Henry J., St. Louis, Mo. Mop head. 1,899,283; Feb. 28.
- Lorant, Rudolf, Vienna, Austria, assignor to Remington Rand Incorporated, New York, N. Y. Card punching machine. 1,934,934; Nov. 14.
- Lorber, Charles, Louisville, Ky. Packaging dough. 1,904,741; Apr. 18.
- Lorber, Charles, Louisville, Ky. Tracing chart. 1,920,704; Aug. 1.
- Lorber, Charles, Louisville, Ky. Combination ice pick. 1,923,986; Aug. 22.
- Lorch, Emil, Winnenden, Germany. Dough divider with compartment disk. 1,934,549; Nov. 7.
- Lord & Burnham Company. (See Hart, Stephen H., assignor.)
- Lord & Burnham Co. (See Hooper, Vernon F., assignor.)
- Lord & Burnham Company. (See Terhune, Edwin W., assignor.)
- Lord, Edward L., Glenside, Pa., assignor to The Electric Storage Battery Company. Railway signal system. 1,934,366; Nov. 7.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric translating circuit. 1,912,003; May 30.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric valve rectifying system. 1,939,456; Dec. 12.
- Lord, Hugh C. (See Whitehouse, Irving P., assignor.)
- Lord, Hugh C., Erie, Pa. Vibration dampener. 1,937,581; Dec. 5.
- Lord, Hugh C., Erie, Pa. Vibration dampening mounting. 1,940,686; Dec. 26.
- Lorence, Roy. (See McCulloch, William E. and K. M., and Lorence.)
- Lorentz, Valentin, assignor to Carl Bergmann, Dresden, Germany. Device for conveying cut tobacco to cigarette-making machines. 1,937,158; Nov. 28.
- Lorenz, Anthony J., and F. E. Hartman, assignors to Biological Engineering Laboratories, Chicago, Ill. Humidifier. 1,893,954; Jan. 10.
- Lorenz, C., A. G. (See Kramar, E., and Rochow, assignors.)
- Lorenz, C., A. G. (See Liesch, E., and Kruse, assignors.)
- Lorenz, C., A. G. (See Scheppmann, Wilhelm, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Gerth, Felix, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Gerth, F., Hahne-mann, and Scheppmann, assignors.)
- Lorenz, C., Aktiengesellschaft. (See Gerth, F., and Kramar, assignors.)
- Lorenz, C., Aktiengesellschaft. (See Hahne-mann, Walter, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Karplus, Eduard, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Koch, Otto P., assignor.)
- Lorenz, C., Aktiengesellschaft. (See Kramar, Ernst, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Rochow, Hans, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Schmidt, Karl, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Schumacher, Hans, assignor.)
- Lorenz, Charles F., East Orange, N. J., assignor to Westinghouse Lamp Company. Incandescent electric lamp. 1,895,887; Jan. 31.
- Lorenz, Edward H., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Apparatus for handling glassware. 1,905,476; Apr. 25.
- Lorenz, Edward H., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Receiver for glass forming machines. 1,921,393; Aug. 8.
- Lorenz, Fred C., Chicago, Ill. Gas water heater control. 1,903,783; Apr. 18.
- Lorenz, Frederick A., jr. (See Lamont, J. A., and Lorenz.)
- Lorenz, Gus O., assignor to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Car liner. 1,893,195; Feb. 21.
- Lorenz, Gustav C. (See Lindemann, A. J., and Lorenz.)
- Lorenz, Gustav C. (See Lindemann, W. C., and Lorenz.)
- Lorenz, Max, Stuttgart, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Carburetor. 1,905,988; Apr. 25.
- Lorenz, Richard, Chicago, Ill. Bathing suit. 1,933,744; Nov. 7.
- Lorenz, Rudolf, and H. Egen, assignors to Fried. Krupp Aktiengesellschaft, Essen, Germany. Railway car coupler. 1,920,410; Aug. 1.
- Lorenzen, Christian, Berlin-Treptow, Germany, assignor, by mesne assignments, to Bendix Aviation Corporation, Chicago, Ill. Making tubular turbine blades. 1,905,944; Apr. 25.
- Lorenzen, Christian, Berlin-Treptow, Germany, assignor, by mesne assignments, to Bendix Aviation Corporation, Chicago, Ill. Hollow blade for turbines. 1,939,857; Dec. 12.
- Lorenzen, Heinz G., assignor to Kitchen Art Foods, Inc., Chicago, Ill. Merchandise display. 1,916,227; July 4.

- Lorenzen, Henry, Crete, Ill. Window latch. 1,918,114; July 11.
- Lorenzi, Vincent, East Bethany, N. Y. Toy. Des. 91,118; Nov. 28.
- Loresch, Harry W., O'Hara Township, Allegheny County, Pa. Burial vault. 1,932,792; Oct. 31.
- Loria, Francesco, Rome, Italy. Sundial. 1,900,117; Mar. 7.
- Lorimer, George W., Troy, Ohio, assignor, by mesne assignments, to Black Products Company, Chicago, Ill. Gas generation. 1,912,081; May 30.
- Lorimer, George W., Troy, Ohio, assignor, by mesne assignments, to Black Products Company, Chicago, Ill. Gas generation. 1,916,577; July 4.
- Lorimer, George W., Troy, Ohio, assignor, by mesne assignments, to Black Products Company, Chicago, Ill. Gas regulator. 1,919,894; July 25.
- Lorimor, John, Imogene, Iowa. Automobile gear pin. 1,895,384; Jan. 24.
- Lormor, Henry W., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Laminated structure. 1,926,156; Sept. 12.
- Lormor, Henry W., Cleveland Heights, and Leon A. Marshall, East Cleveland, assignors to Willard Storage Battery Company, Cleveland, Ohio. Storage battery unit. 1,926,157; Sept. 12.
- Lorraine Corporation. (See Lorraine, David G., assignor.)
- Lorraine, David G., Los Angeles, Calif. Apparatus for separating oil and gas. 1,925,491; Sept. 5.
- Lorraine, David G., assignor to Lorraine Corporation, Los Angeles, Calif. Separating and delivering casing head gas. 1,898,637; Feb. 21.
- Lorraine, Edward C., New York, N. Y., assignor to O. W. Jackson & Co. Inc. Mat, matting, and covering. 1,936,634; Nov. 28.
- Losch, Cyrenius, Skuykill Haven, Pa. Operating mechanism for oscillating grates. 1,939,177; Dec. 12.
- Losec, John J., New York, N. Y. Hairpin. 1,931,443; Oct. 17.
- Loser, William M. (See Mericka, C. O., and Loser.)
- Loser, William M. (See Taylor, E. H., Seifert, Mericka, Loser, Behnke, and Somervell.)
- Losey, Malcolm S. (See Hall, Charles Y., assignor.)
- Loshbough, James E., Elkhart, Ind. Brake release mechanism for presses. 1,934,984; Nov. 14.
- Lössl, Carl, Munich, Germany. Reinforced concrete sleeper. 1,939,313; Dec. 12.
- Loth, William A., Paris, France. Signaling. 1,937,026; Nov. 28.
- Loth, William A., assignor to Société Industrielle des Procédés W. A. Loth, Paris, France. System of acoustic signaling. 1,898,091; Feb. 21.
- Lothrop, Marcus. (See Hawkins, C. A., Hirschler, and Lothrop.)
- Lothrop, Marcus. (See Tucker, John T., assignor.)
- Lothrop, Marcus, Berkeley, Calif. Control. 1,935,981; Nov. 21.
- Lothrop, Marcus T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing member. 1,928,627; Oct. 3.
- Lott, Charles I., assignor of sixty per cent to W. G. Brown and W. W. Milliron, Du Bois, Pa. Roller bearing. 1,917,452; July 11.
- Lott, William A. (See Christiansen, W. G., and Lott.)
- Lotter, Adolph G., assignor to Stationers Loose Leaf Co., Milwaukee, Wis. Loose leaf binder. 1,893,175; Jan. 3.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 1,899,763; Feb. 28.
- Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 1,928,941; Oct. 3.
- Lottritz, William, San Francisco, Calif. Shock absorber. 1,931,735; Oct. 24.
- Lotts, Delbert L., assignor to General Research Corporation, Chicago, Ill. Transmission. 1,895,888; Jan. 31.
- Loubet, Henri R., Paris, assignor to Compagnie Pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Montrouge, France. Method and device for winding a filiform member within a hollow body. 1,940,175; Dec. 19.
- Loud, Henry S., Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Ammonia syntheses. 1,938,598; Dec. 12.
- Louden Machinery Company, The. (See Neller, Albert H., assignor.)
- Louden, Robert H. (See Lansing, C. B., and Loudon.)
- Louder, Earl A., Greenville, Ill., assignor to Pet Milk Company, St. Louis, Mo. Sterilization of liquids. 1,900,509; Mar. 7.
- Loudon, Robert. (See Muir, J. C., and Loudon.)
- Loudy, Flavius E., Akron, Ohio. Aircraft structure. 1,939,558; Dec. 12.
- Louette, Joseph E. O., Poissy, France. Starter. 1,931,200; Oct. 17.
- Lough, Elvin. (See Messner, O. R., and Lough.)
- Lough, Hector V., Plainfield, N. J. Supplementary heating unit. 1,932,793; Oct. 31.
- Loughead, Malcolm, assignor to Hydraulic Brake Company, Detroit, Mich. Brake mechanism. 1,896,452; Feb. 7.
- Loughead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 1,896,453; Feb. 7.
- Loughead, Malcolm, assignor to Hydraulic Brake Company, Detroit, Mich. Three piece brake shoe. 1,915,857; June 27.
- Longhead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 1,923,872; Aug. 22.
- Loughead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Hose coupler. 1,928,836; Oct. 3.
- Loughead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Hose coupler. 1,928,837; Oct. 3.
- Loughead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Hose fitting for fluid pressure systems. 1,929,750; Oct. 10.
- Loughead, Malcolm, Detroit, Mich., assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake shoe. 1,932,628; Oct. 31.
- Loughead, Malcolm, assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 1,929,594; Oct. 10.
- Lougheed, Victor, Washington, D. C. Aerodynamic surface. 1,903,823; Apr. 18.
- Lougheed, Victor, Washington, D. C. Airplane wing. 1,909,186; May 16.
- Lougheed, Victor, Washington, D. C. Aeroplane wing structure and making the same. 1,922,311; Aug. 15.
- Loughlin, Vincent J., Kenmore, N. Y. Tackling dummy. 1,906,693; May 2.
- Loughman, William F., Barre, assignor to Katches Inc., Boston, Mass. Fastening device. 1,895,672; Jan. 31.
- Loughridge, Matthew H., Bogota, N. J. Lifting jack. 1,901,915; Mar. 21.
- Lougovoy, Boris N., assignor to Ellis-Foster Company, Montclair, N. J. Cellulosic coating composition. 1,913,679; June 13.
- Lougovoy, Boris N., New York N. Y., assignor to Ellis-Foster Company. Resinous complex or composite of the urea aldehyde condensation type and their solutions. 1,922,690; Aug. 15.
- Louis, Terrence G., assignor to Wico Electric Company, West Springfield, Mass. Magneto. 1,911,762; May 30.
- Louis, Terrence G., assignor to Wico Electric Company, West Springfield, Mass. Magneto. 1,932,978; Oct. 31.
- Louisville Cement Company. (See Wechter, Eugene J., assignor.)
- Loun, Henry J., Brooklyn, assignor to Wullschlegel & Co., New York, N. Y. Textile fabric or the like. Des. 88,882; Jan. 3.
- Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,916,846; July 4.
- Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,922,703; Aug. 15.
- Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Draft rigging. 1,935,804; Nov. 21.
- Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffer gear. 1,938,704; Dec. 12.
- Louque, Charles, Estate of, et al. (See Buchel, Jules, assignor.)
- Louviaux, Raoul J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for handling glass sheets. 1,901,463; Mar. 14.
- Lovatt, George N., Holliston, Mass. Waxed paper and making the same. 1,900,294; Mar. 7.
- Love, Andrew, Paddington, New South Wales, Australia. Shoe fastening. 1,920,088; July 25.
- Love, Ben. (See Marks, Earl, assignor.)
- Love, Charles A. (See Parr, W. V., Love, and Barnes.)
- Love, Frank F., San Antonio, Tex. Drop cabin plane. 1,895,256; Jan. 24.
- Love, James E. (See Hume, H. D., and Love.)
- Love, Josie. (See Love, William F., assignor.)
- Love, Sandy H., assignor of one-third to J. C. Henderson, Detroit, Mich. Vending machine. 1,936,515; Nov. 21.
- Love, William F., assignor to Josie Love, Trenton, Fla. Dibble. 1,900,827; Mar. 7.
- Loveen, Harry E., Bucyrus, Ohio. Mechanic's electric headlight. 1,930,620; Oct. 17.
- Lovejoy, Ralph M., Boston, Mass. Fluid actuated controlling mechanism for multispindle drills, etc. 1,906,387; May 2.
- Lovejoy, Ralph M., Boston, Mass. Fluid operated control for multispindle drills. 1,911,025; May 23.
- Lovejoy, Ralph M., Boston, Mass. Drilling machine and the like. 1,938,107; Dec. 5.
- Lovekin, Luther D., Villanova, Pa. Fusible plug for steam boilers. 1,922,625; Aug. 15.
- Lovekin, Luther D., Villanova, assignor to Kitson Company, Philadelphia, Pa. Cold water inlet control valve. 1,892,674; Jan. 3.
- Lovekin, Luther D., Villanova, assignor to Kitson Company, Philadelphia, Pa. Gas shut-off fire valve device. 1,924,868; Aug. 29.
- Lovekin, Luther D., Villa Nova, assignor to Kitson Company, Philadelphia, Pa. Heat responsive shut-off valve. 1,938,967; Dec. 12.
- Lovekin, Luther D., Villanova, and J. L. Le Gorre, assignors to Kitson Company, Philadelphia, Pa. Protection valve device for water meters and the like. 1,924,869; Aug. 29.
- Loveland, Harlow B., et al. (See Barthel, O. E., and Power, assignors.)
- Lovell, James W. (See Craig, Frank E., assignor.)

- Lovell Manufacturing Company. (See Godfrey, Earl V., assignor.)
- Lovell Manufacturing Company. (See Kauffman, Walter L., 2d, assignor.)
- Lovell Manufacturing Company. (See Sandstrom, Eric, assignor.)
- Lovell Manufacturing Company. (See Schuda, Ernest J., assignor.)
- Lovell, Stanley P., Newton, assignor to Arden Box Toe Company, Watertown, Mass. Apparatus for conditioning shoe stiffener parts and the like. 1,920,411; Aug. 1.
- Lovell, Stanley P., Newton, assignor to Arden Box Toe Company, Watertown, Mass. Manufacture of shoe stiffeners. 1,923,631; Aug. 22.
- Lovell, Wheeler G., and T. A. Boyd, assignors to General Motors Research Corporation, Detroit, Mich. Removing carbon deposits. 1,924,722; Aug. 29.
- Lovell, Wheeler G., and T. A. Boyd, assignors to General Motors Research Corporation, Detroit, Mich. Removing carbon deposits. 1,925,732; Sept. 5.
- Lovell, Wheeler G., and T. A. Boyd, assignors to General Motors Research Corporation, Detroit, Mich. Removing carbon deposits. 1,936,681; Nov. 28.
- Lovell, Wheeler G., and T. A. Boyd, assignors to General Motors Research Corporation, Detroit, Mich. Removing carbon deposits. 1,936,682; Nov. 28.
- Loveluck, Rhys J. (See Thomson, R. F., and Loveluck.)
- Loveluck, Rhys J., and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Dyestuff intermediates of the benzoyl-benzoic acid series. 1,917,311; July 11.
- Loveluck, Rhys J., and J. Thomas, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited, Great Britain. Acylamino-anthraquinones and producing the same. 1,939,218; Dec. 12.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Internal driving fixture. 1,895,807; Jan. 31.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Work holding mechanism. 1,904,152; Apr. 18.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Work supporting and driving mechanism. 1,912,987; June 6.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Lathe. 1,923,493; Aug. 22.
- Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Machine tool with work feeding mechanism. 1,936,401; Nov. 21.
- Lovett, Francis W., assignor to Porter McLeod Machine Tool Co. Inc., Hatfield, Mass. Buffing or polishing machine. 1,931,500; Oct. 24.
- Lovett, John T., jr., Little Silver, N. J. Plant package and making and transplanting the same. 1,923,677; Aug. 22.
- Lovrich, Frank A., Philadelphia, Pa., assignor of one-fourth to F. Barbalich, New York, N. Y. Adjustable support for window shades and curtains. 1,936,945; Nov. 28.
- Low, Albert H., Denver, Colo. Cigarette. 1,905,416; Apr. 25.
- Low, Arthur B., Denver, Colo. Beverage or food tablet. Des. 89,941; May 16.
- Low, Charles L., Benton Harbor, Mich., assignor to Lisenby Manufacturing Company, Fresno, Calif. Elevator structure and control for printing presses. 1,906,070; Apr. 25.
- Low, Charles L., Chicago, Ill., assignor to Koehring Company, Milwaukee, Wis. Stuffing device for concrete finishing machines. 1,933,377; Oct. 31.
- Low, John W., Mill Valley, Calif. Box making machine. 1,900,892; Mar. 7.
- Low, John W., Mill Valley, assignor, by mesne assignments, of one-half to E. L. Stern and one-half to R. J. Gruenberg, San Francisco, Calif. Box folding machine. 1,937,027; Nov. 28.
- Lowe, Aubrey L., Iion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,913,841; June 13.
- Lowe, Charles B., assignor to Ferro Stamping & Manufacturing Company, Detroit, Mich. Automobile door handle. 1,918,411; July 18.
- Lowe, Ernest A., Cleveland Heights, assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Automatic release. 1,938,845; Dec. 12.
- Lowe, George W., Los Angeles, Calif. Truss pad. 1,907,300; May 2.
- Lowe, Herbert J., Galesburg, Ill. Printer's roller. Re18,857; June 6.
- Lowe, Herbert J., Galesburg, Ill. Finishing tool for tubular stereotype plates. 1,927,712; Sept. 19.
- Lowe, James P., Lima, Peru. Telephone repeater. 1,895,808; Jan. 31.
- Lowe, Joe, Corporation. (See Mosher, Ira S., assignor.)
- Lowe, Joseph A., assignor to Fulah Paper Company, Fitchburg, Mass. Machine for pasting webs of paper together. 1,902,713; Mar. 21.
- Lowe, Lazarus, et al. (See Sprake, Edmund T., assignor.)
- Lowe, Russell E. (See Goldsborough, W. E., and Lowe.)
- Lowe, Russell E., New York, N. B. Brown, St. Albans, and W. Bjorkstedt, Jamaica, assignors to Doherty Research Company, New York, N. Y. Refractory porous diaphragm. 1,900,864; Mar. 7.
- Lowe, Sahn K., Honolulu, Hawaii. Lighting device. 1,898,842; Feb. 21.
- Lowe, Walter V., Dobra, England, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom for weaving tufted pile fabrics. 1,909,113; May 16.
- Lowe, William W., Westfield, N. J., and H. N. Lyons, Okmulgee, Okla., assignors to Doherty Research Company, New York, N. Y. Process and apparatus for fractionating petroleum. 1,923,271; Aug. 22.
- Lowell, John W., assignor to Benedict Stone Products Company, Chicago, Ill. Molding apparatus. 1,922,168; Aug. 15.
- Lowell, John W., assignor to Benedict Stone Products Company, Chicago, Ill. Bucket. 1,923,678; Aug. 22.
- Lowenstein, Walter H., Cologne-Kalk, Germany. Device for drying razor blades. 1,904,661; Apr. 18.
- Lowenthal, Fred, New York, N. Y. Picture. 1,908,772; May 16.
- Lower, Claude M., Sturgis, Mich. Commercial incubator. 1,911,233; May 30.
- Lower, Nathan M., Pittsburgh, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,925,539; Sept. 5.
- Lower, Nathan M., Bellevue, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker. 1,925,670; Sept. 5.
- Lower, Nathan M., Bellevue, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker. 1,925,988; Sept. 5.
- Lower, Nathan M., Crestwood, near Yonkers, N. Y., A. R. Chalker, Bellevue, and W. G. Bailey, Mount Lebanon, Pa. Bearing mounting for crank shaft and the like. 1,924,562; Aug. 29.
- Lower, Nathan M., Baltimore, Md., and A. K. Kusebauch and A. R. Chalker, Pittsburgh, Pa., assignors to The Standard Stoker Company, Incorporated, New York, N. Y. Stoker. 1,911,837; May 30.
- Lowitz, Frank. (See Richter, M. N., and Lowitz.)
- Lowkrantz, Gunne, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Speed control for motion picture cameras. 1,898,675; Feb. 21.
- Lowkrantz, Gunne, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Film gate for motion picture cameras. 1,906,931; May 2.
- Lowman, Charles L., Los Angeles, Calif. Gymnasium apparatus. 1,915,371; June 27.
- Lowndes, Arthur, Toronto, Ontario, Canada. Centrifugal clutch. Re18,741; Feb. 21.
- Lowres, George J., Newark, N. J. Optical mounting. 1,934,985; Nov. 14.
- Lowrey, George, et al. (See Pippin, John W., assignor.)
- Lowrey, George A., Pelly, and W. F. Hall, Goose Creek, Tex. Outside casing cutter. 1,931,929; Oct. 24.
- Lowry, Charles D., jr. (See Egloff, G., and Lowry.)
- Lowry, Charles D., jr., and C. G. Dryer, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 1,924,870; Aug. 29.
- Lowry, Earl M., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic gloss meter. 1,917,379; July 11.
- Lowry, Erwin F., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrode alloy. 1,899,623; Feb. 28.
- Lowry, Homer H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacturing transmitter carbon. 1,907,843; May 9.
- Lowry, Millard F., and W. M. Harding, North Canton, Ohio, assignors to The Hoover Company. Advertising display device. 1,940,959; Dec. 26.
- Lowry, Thomas K., Chicago, Ill., assignor to Darling & Company. Method and apparatus for manufacturing pellet gine. 1,906,694; May 2.
- Lowry, Wallace L., Johnson City, Tenn. Sign. 1,916,154; June 27.
- Lowstuter, Harry R., Monessen, Pa. Treating metals. 1,923,058; Aug. 15.
- Lowther, Leonard W., Audubon, N. J., assignor to Horn and Hardart Baking Co., Philadelphia, Pa. Dispensing machine. 1,905,180; Apr. 25.
- Lowther, William P., Merced, Calif. Tank filler-cap lock. 1,916,518; July 4.
- Lowy, Alexander, assignor to Federal Laboratories, Inc., Pittsburgh, Pa. Fog gas cartridge. 1,909,776; May 16.
- Lowy, Arthur, Newark, N. J., assignor to New York Engineering Company, New York, N. Y. Cable reel. 1,920,205; Aug. 1.
- Lozelle, Dolph, Detroit, Mich. Reinforcing rod holder. 1,893,998; Jan. 10.
- Lübbertsmeier, Adolf, Barmen, Germany. Safety razor blade. 1,895,763; Jan. 31.
- Lubbock, Isaac, and J. R. Joyce, assignors to The Asiatic Petroleum Company, Limited, London, England. Oil fuel burner and supply apparatus therefor. 1,909,294; May 16.
- Lubbock, Isaac, and J. R. Joyce, assignors to The Asiatic Petroleum Company Limited, London, England. Electric heater. 1,939,125; Dec. 12.
- Lübecker Maschinenbau Gesellschaft. (See Dade, Reimar, assignor.)
- Lubin, Harry, South Orange, N. J. Box. 1,900,828; Mar. 7.
- Lubin, Louis, Brooklyn, N. Y. Belt for garments and the like articles. 1,921,271; Aug. 8.
- Lübke, Alfred. (See Müller, R., Lübke, and Dieterich.)
- Luboshez, Benjamin E., Harrow, England. Photographic apparatus and objective lens. 1,910,115; May 23.

- Luboshez, Benjamin E., Harrow, England. Cinematographic apparatus. 1,923,987; Aug. 22.
- Luboshez, Benjamin E., Harrow, England. Cinematograph apparatus and mechanism therefor. 1,936,114; Nov. 21.
- Luboshez, Benjamin E., Harrow, England. Color photography with large aperture lenses. 1,939,785; Dec. 19.
- Lubrication Control Corporation. (See Clarke, Henry B., assignor.)
- Lubrication Corporation, The. (See Allen, Horace R., assignor.)
- Lubrication Corporation, The. (See Creveling, John L., assignor.)
- Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
- Lubrication Corporation, The. (See Frenger, Frank G., assignor.)
- Lubrication Corporation, The. (See Hartley, Seward W., assignor.)
- Lubrication Corporation, The. (See Parker, Clark W., assignor.)
- Lubrication Corporation, The. (See Roth, Harris C., assignor.)
- Lubrication Corporation, The. (See Tear, Harry R., assignor.)
- Lubrication Devices, Inc. (See Kerns, Leonard R., assignor.)
- Lubriograph Corporation, The. (See Nason, Francis A., assignor.)
- Lubri-Graph Corporation, The. (See Nason, F. A., and Winnen, assignors.)
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aminothiazoles. 1,910,489; May 23.
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing aminaryl-thioglycollic intermediates. 1,911,084; May 23.
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing thiazoles. 1,911,085; May 23.
- Lubs, Herbert A., Wilmington, Del. and P. C. Bowers, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dye and making the same. 1,910,441; May 23.
- Lubs, Herbert A. and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-amino-5-methoxy-benzo-thiazole. 1,931,077; Oct. 17.
- Lucarelle, Joseph M., and C. Ecklund, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Phonograph cabinet or similar article. Des. 90,918; Oct. 24.
- Lucarelle, Joseph M., Bridgeport, and J. E. Renholdt, Stratford, assignors to Dictaphone Corporation, Bridgeport, Conn. Control device for phonographs, etc. 1,908,264; May 9.
- Lucas, Clyde L., Chicago, Ill. Massage device. 1,910,490; May 23.
- Lucas, George S. C., Rugby, England, assignor to General Electric Company. Photoelectric tube. 1,934,437; Nov. 7.
- Lucas, Georges D. (See Salone, J. C. G., and Lucas.)
- Lucas, Henry M., Cleveland Heights, assignor to The Lucas Machine Tool Company, Cleveland, Ohio. Wayguard and platform construction for machine tools. 1,937,659; Dec. 5.
- Lucas, John, assignor to The McKinney Tool & Mfg. Co., Cleveland, Ohio. Forming mill. 1,922,380; Aug. 15.
- Lucas, Joseph A., New York, N. Y. Color process. 1,934,367; Nov. 7.
- Lucas Machine Tool Company, The. (See Lucas, Henry M., assignor.)
- Lucas, Owen D., Bayswater, London, assignor to The Whescoe Foundry and Engineering Company, Limited, Darlington, England. Heat transmission and distribution. 1,941,014; Dec. 26.
- Lucas, Paul, Berlin-Friedenau, Germany. Burner for liquid fuel. 1,915,502; June 27.
- Lucas Ranching Co. (See Lucas, Vincent G., assignor.)
- Lucas, Samuel M., Pittsburgh, and C. H. Zierdt, Rosedale, Penn Township, assignors to The Union Switch & Signal Company, Swissvale, Pa. Inductive bond. 1,925,195; Sept. 5.
- Lucas, Stanley H., Witton, Birmingham, England, assignor to Imperial Chemical Industries Limited. Light producing ignitable composition. 1,925,641; Sept. 5.
- Lucas, Vincent G., Ontario, assignor to Lucas Ranching Co., Cucamonga, Calif. Plant. Pl. Pt. 81; Nov. 14.
- Lucas, William A. (See Black, F. O., and Lucas.)
- Lucas, William B., East Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Position indicator. 1,898,550; Feb. 21.
- Lucas, William J., Oklahoma City, Okla. Piston construction. 1,901,312; Mar. 14.
- Luchese, Dominick A., San Francisco, Calif. Aeroplane. 1,894,518; Jan. 17.
- Luchesi, Napoleon, San Francisco, Calif. Rope brake and lock. 1,921,627; Aug. 8.
- Luce, C. Walter. (See Cato, L. F., and Repert, assignors.)
- Luce, Grafton E., Chicago, Ill., assignor to Lancaster Iron Works, Inc., Lancaster, Pa. Brick edging machine. 1,905,477; Apr. 25.
- Luce, Homer J. (See Guy, Harry L., assignor.)
- Luce, Richard W. (See Oestnaes, V. L., and Luce.)
- Luce, Richard W., Mountinside, assignor to American Gasaccumulator Company, Elizabeth, N. J. Reflector. 1,933,633; Nov. 7.
- Luce, Richard W., Mountinside, and L. M. Merrill, Madison, assignors to Gasaccumulator Company, Elizabeth, N. J. Light reflector. 1,911,198; May 30.
- Luce, Wilhelm. (See Lange, M. Luce, and Jacobs.)
- Luce, Wilhelm. (See Morschel, H., and Luce.)
- Luce, Wilhelm. (See Müller, Luce, and Schulte.)
- Luce, Wilhelm. (See Zitscher, A., Morschel, and Luce.)
- Luchs, Frederick M., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Coupling tube for inhalators. 1,940,458; Dec. 19.
- Lucia, Louis V., Rome, N. Y., assignor to Revere Copper and Brass Incorporated. Perculator pump. 1,916,228; July 4.
- Lucia, Louis V., Rome, N. Y., assignor to Revere Copper and Brass Incorporated. Electric heating unit. 1,922,546; Aug. 15.
- Lucia, Louis V., Hartford, Conn., assignor, by mesne assignments, to The Beardsley & Wolcott Mfg. Co. Heating device. 1,920,871; Aug. 1.
- Lück, Willibald, New York, N. Y. Adjustable protractor. 1,894,107; Jan. 10.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam treatment. 1,896,181; Feb. 7.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Double circuit forced circulation water tube boiler. 1,898,196; Feb. 21.
- Lucke, Charles E., New York, N. Y., assignor, by mesne assignments, to Fuller Lehigh Company. Heating combustion air for a furnace. 1,904,153; Apr. 18.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 1,908,265; May 9.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Oil still. 1,908,374; May 9.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Oil still. 1,908,375; May 9.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Apparatus for generating power, gas, and liquid hydrocarbons. 1,911,026; May 23.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Fluid heater and operating the same. 1,911,375; May 30.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 1,913,335; June 6.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. High pressure boiler. 1,914,140; June 13.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Water tube boiler. 1,917,533; July 11.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Mercury vapor condenser and steam generator. 1,919,029; July 18.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Radiant heat superheater. 1,923,103; Aug. 22.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Safety valve. 1,924,563; Aug. 29.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Triple circuit water tube boiler. 1,927,095; Sept. 19.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Temperature control of superheaters. 1,934,723; Nov. 14.
- Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam boiler with superheater. 1,934,724; Nov. 14.
- Lucke, Charles E., New York, N. Y., and P. R. Cassidy, Short Hills, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Air heater. 1,894,957; Jan. 24.
- Lucke, Henry J. (See Dupont, Jean G., assignor.)
- Lucke, Henry J., East Orange, N. J., and D. M. Smith, New York, N. Y. Reservoir filling apparatus. 1,926,343; Sept. 12.
- Lucke, William B., Wilmette, Ill. Bathtub hanger. 1,920,513; Aug. 1.
- Lucker, Millard E., Benton Harbor, Mich., assignor to Auto Specialties Manufacturing Co., San Francisco, Calif. Triple lift jack. 1,932,745; Oct. 31.
- Luckey, George P., Lancaster, Pa. Altimeter temperature correction computer. 1,918,188; July 11.
- Luckey, George P., Lancaster, Pa. Manometer. 1,939,559; Dec. 12.
- Lucey, Thomas A., assignor to Ingalls Steel Products Company, Birmingham, Ala. Bar joist. 1,907,209; May 2.
- Lucey, Thomas A., Canton, Ohio, assignor to Ingalls Steel Products Company, Birmingham, Ala. Floor construction. 1,922,053; Aug. 15.
- Lüdecke, Carl, and W. Wilcken, Berlin, Germany. Cleaning medium for animal and vegetable textile fibers or textile materials. 1,927,839; Sept. 26.
- Ludenia, Werner, Berlin, Germany, assignor to Radio Corporation of America. Reflector for very short waves. 1,898,197; Feb. 21.

- Ludenia, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave beam transmitter. 1,934,078; Nov. 7.
- Lüders, Wilhelm, Hamburg, Germany. Packing for gate valves and similar shutting-off elements. 1,929,645; Oct. 10.
- Ludington, Charles T., Ardmore, Pa. Boat keel. 1,924,871; Aug. 29.
- Ludington, Nelson A., New Haven, Conn. Transportation means. 1,910,398; May 23.
- Ludlow, Edmund. (See Noblitt, Q. G., and Ludlow.)
- Ludlow Manufacturing Associates. (See Hayes, Stuart J., assignor.)
- Ludlow Manufacturing Associates, trustees. (See Stone, M. B., and Williamson, assignors.)
- Ludlow, Thomas K., Jacksonville, Fla. Scalp cooler. 1,933,273; Oct. 31.
- Ludlow Typograph Company. (See Hedly, Arthur H., assignor.)
- Ludlow Typograph Company. (See Merrill, Philip P., assignor.)
- Ludlow Valve Manufacturing Company, The. (See Lee, Henry B., assignor.)
- Ludlum Steel Company. (See De Fries, Henry A., assignor.)
- Ludlum Steel Company. (See De Fries, H. A., and Homberg.)
- Ludlum Steel Co. (See Edlund, Daniel L., assignor.)
- Ludowici-Celadon Company. (See Mooney, Thomas F., assignor.)
- Ludwig, Arthur, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing device. 1,933,274; Oct. 31.
- Ludwig, Charles T., Los Angeles, Calif. Vehicle signal. 1,926,105; Sept. 12.
- Ludwig, Edgar V., Woodside, assignor to American Radiator Company, New York, N. Y. Heating means. 1,923,940; Aug. 22.
- Ludwig, John E., Miami, Fla. Booster. 1,916,323; July 4.
- Ludwig, John E., assignor to Newcomb-David Co., Inc., Detroit, Mich. Automatic stack damper. 1,937,970; Dec. 5.
- Ludwig, Leon R., Wilkinsburg, and R. E. Hellmund, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Converter system. 1,936,798; Nov. 28.
- Ludwig, Louis, Brooklyn, N. Y. Electric outlet with wire tap. 1,909,412; May 16.
- Ludwig, Louis, Brooklyn, N. Y. Portable electric lamp. 1,926,239; Sept. 12.
- Ludwig, Louis, Brooklyn, N. Y. Instantaneous electric water heater with automatic switch. 1,935,247; Nov. 14.
- Luebke, George J., Coraopolis, Pa. Headlight dimmer. 1,930,206; Oct. 10.
- Luebke, Raphael B., Cincinnati, assignor to International-Stacey Corporation, Columbus, Ohio. Metal joint. 1,930,451; Oct. 10.
- Luedicke, Alex H. (See Kelly, F. W., and Luedicke.)
- Luedke, Julius H., Hartley, Iowa. Tank heater. 1,921,683; Aug. 8.
- Luedtke, Hans, Berlin-Tempelhof, Germany. Orchestral instrument. 1,919,849; July 25.
- Luedtke, Max A. G., Weehawken, N. J., and H. Hoffmann, assignors to Roberts, Cushman & Company, New York, N. Y. Marking, printing and embossing machine. 1,912,905; June 6.
- Luers, Harry L., Baltimore, Md. Water tube fire box locomotive boiler. 1,909,874; May 16.
- Luers, John M., Detroit, Mich. Tool gauge. 1,935,511; Nov. 14.
- Luertzing, Paul, Vineland, N. J. Direction fender lamp. Des. 89,776; May 2.
- Lueth, Paul F. (See Payzant, H. H., and Leuth.)
- Luff, Henry J., L. W., and W. J., Cleveland Heights, Ohio; said H. J. Luff and L. W. Luff assignors to said W. J. Luff. Removable closure. 1,911,455; May 30.
- Luff, Lawrence W. (See Luff, Henry J., L. W., and W. J.)
- Luff, Lawrence W., Shaker Heights, assignor to The Consolidated Iron-Steel Manufacturing Company, Cleveland, Ohio. Boiler stand. 1,931,584; Oct. 24.
- Luff, Willard J. (See Luff, Henry J., L. W., and W. J.)
- Luff, Willard J., Cleveland Heights, Ohio. Waste and vent fitting. 1,911,454; May 30.
- Lufkin Foundry & Machine Company. (See Croom, Guy, assignor.)
- Lufkin Foundry & Machine Company. (See Trout, W. C., and Graham, assignor.)
- Lufkin, Garland, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glass melting furnace. 1,906,695; May 2.
- Lufkin, Garland, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Leer for annealing glassware. 1,919,167; July 18.
- Lufkin, Garland, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Leer for annealing glassware. 1,928,941; Aug. 22.
- Lufkin, Garland, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glass furnace. 1,923,942; Aug. 22.
- Lufkin, Garland, Toledo, Ohio, and R. G. Allen, Alton, Ill., assignors to Owens-Illinois Glass Company. Machine for forming glass articles. 1,928,730; Oct. 3.
- Lufkin Rule Co. (See Witchger, E. J., and Koebke, assignors.)
- Luff, John H., Providence, R. I. Flower holder. 1,918,115; July 11.
- Luft, Oliver L., St. Louis, Mo. Device for truing collector rings of rotary converters. 1,935,805; Nov. 21.
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Schirmer, Hans, assignor.)
- Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Strobl, Hans, assignor.)
- Lugara, Domenico, Newark, N. J. Escape apparatus. 1,914,889; June 20.
- Lugene Inc. (See Blocker, Walter A., assignor.)
- Lug-Less Watch Company. (See Manheimer, Arthur E., assignor.)
- Luhn, Hans P., New York, N. Y. Game table. 1,928,790; Oct. 3.
- Luitwieler, Edward B., Malden, Mass. Shoe and binding and stay for the same. 1,923,988; Aug. 22.
- Luitwieler, Edward B., Malden, Mass. Piping and the like. 1,923,989; Aug. 22.
- Lukachovic, Joseph C. (See Bushnell, J. E., and Lukachovic.)
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 88,883; Jan. 3.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 88,970; Jan. 10.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 88,971; Jan. 10.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 88,972; Jan. 10.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 89,009; Jan. 10.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 89,049; Jan. 17.
- Lukas, Julia, New York, N. Y. Textile fabric or the like. Des. 91,141; Dec. 5.
- Lukas, Julia, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,973; Jan. 10.
- Lukas, Julia, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,136; Jan. 31.
- Lukas, Julia, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,137; Jan. 31.
- Lukas, Julia, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,777; May 2.
- Lukas, Julia, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,325; July 18.
- Lukas, Julia, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,326; July 18.
- Luke, Robert E. (See Luke, Thomas A., assignor.)
- Luke, Judge R. (See Clark, Andrew B., assignor.)
- Luke, Thomas A., McComas, assignor of one-half to H. E. Luke, Bluefield, W. Va. Shaker conveyer. 1,895,673; Jan. 31.
- Lukens, Alan N., Elizabeth, N. J. Journal box lid. 1,930,650; Oct. 17.
- Lukens, Clarence D., St. Louis, Mo. Hospital bed. 1,922,104; Aug. 15.
- Lukens, Hiram S., Philadelphia, Pa., assignor, by mesne assignments, to William Adamson, trustee. Water repellent composition and making the same. 1,906,276; May 2.
- Lukens, Howard R. (See Gibbs, W. S., jr., and Lukens.)
- Luker, Francis M., Huntington, Ind. Striping implement. 1,937,660; Dec. 5.
- Luker, Fred, assignor to Hupp Motor Car Corporation, Detroit, Mich. Armored vehicle construction. 1,913,554; June 13.
- Luker, Robert B., Gloucester, N. J. Self-adjusting angular crank shaft and bearing. 1,931,231; Oct. 17.
- Lulek, Ralph N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat color of the anthraquinone series and making it. 1,912,378; June 6.
- Lulham, Thomas R., London, England. Identification device for umbrellas or the like. 1,929,320; Oct. 3.
- Lüling, Friedrich W., Volmarstein-on-the-Ruhr, Germany. Padlock. Des. 91,074; Nov. 21.
- Lulki, Alexander, Berlin, Germany. Indicator. 1,894,697; Jan. 17.
- Lulv, William O. (See Pegram, James C., assignor.)
- Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Low water detector for boilers. 1,921,684; Aug. 8.
- Lumb, Louis N., Astoria, N. Y., assignor to Irving Iron Works Company. Radial grating. 1,938,075; Dec. 5.
- Lumley, Frank E., Chicago, Ill. Vacuum cleaner. 1,935,158; Nov. 14.
- Lumley, Wilfrid, Conneaut, Ohio, assignor to Biddle-Gaumer Company, Philadelphia, Pa. Lighting fixture. 1,926,052; Sept. 12.
- Lummus Company, The. (See Collins, Raymond R., assignor.)
- Lummus Company, The. (See Coubrough, George B., assignor.)
- Lummus Company, The. (See Lichtenthaeler, Frank E., assignor.)
- Lummus Company, The. (See Lummus, Walter E., assignor.)

- Lummus Company, The. (See Snell, Lester W., assignor.)
 Lummus Cotton Gin Company (See Grimes, Thaddeus S., assignor.)
 Lummus, Walter E., Lynn, assignor to The Lummus Company, Boston, Mass. Method and apparatus for condensing vapors. 1,913,602; June 13.
 Lummus, Walter E., Lynn, Mass., assignor to The Lummus Company. Distilling petroleum mixtures. 1,913,603; June 13.
 Lumsden, David, Sikeston, Mo. Overflow trap for automobile radiators. 1,906,072; Apr. 25.
 Lund, Adolf I., Oslo, Norway. List or fillet for crevices. 1,917,592; July 11.
 Lund, Albert A. (See Kimbler, H. R., assignor.)
 Lund, Arthur D., Minneapolis, Minn. Mold mechanism for casting machines. 1,930,815; Oct. 17.
 Lund, James K., assignor to Dole Valve Company, Chicago, Ill. Air valve. 1,909,413; May 16.
 Lund, John A., assignor to Challenge Company, Batavia, Ill. Windmill construction. 1,927,645; Sept. 19.
 Lund, Nels B., Seaford, assignor to The Dorr Company, Inc., New York, N. Y. Detritor. 1,895,674; Jan. 31.
 Lund, Nels B., Seaford, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Rigid filter medium. 1,930,128; Oct. 10.
 Lund, Nels B., Seaford, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Safety device. 1,931,232; Oct. 17.
 Lund, Oscar M., assignor to Samuel Olson & Company, Inc., Chicago, Ill. Conveyor chain. 1,915,939; June 27.
 Lund, Rudolph O., New York, N. Y. Fire hose rack. 1,904,063; Apr. 18.
 Lund, Rudolph O., assignor to Croker Fire Prevention Corp., New York, N. Y. Hose reel. 1,901,660; Mar. 14.
 Lundberg, Arik H. (See Braun, C. E., and Lundberg.)
 Lundberg, Carl E., Walden, assignor of one-half to Harry C. Baker, Larchmont, N. Y. Amusement device. 1,937,090; Nov. 28.
 Lundberg, Hans T. F., and F. H. Kihlstedt, Massapequa, assignors to Swedish American Prospecting Corporation, New York, N. Y. Electrical prospecting. 1,934,079; Nov. 7.
 Lundberg, Olof, Saltsjobaden, Sweden. Water closet. 1,919,700; July 25.
 Lundberg, Olof, Saltsjobaden, Sweden. Water closet. 1,930,012; Oct. 10.
 Lundeen, Eugene T. (See Newland, J. R., and Lundeen.)
 Lundell, Torsten A., and T. Laurent, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone system. 1,920,089; July 25.
 Lundell, Walter E., Lake Forest, Ill. Window fan bracket. 1,912,287; May 30.
 Lunden, Gus, Colville, Wash. Automatic lumber stamping device. 1,896,548; Feb. 7.
 Lundsaaed, Ivar, Worcester, assignor to Devon Manufacturing Company, Boston, Mass. Refrigerator. 1,909,875; May 16.
 Lundgren, Herbert. (See Meyer, H. C., and Lundgren.)
 Lundgren, William E., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Take-up mechanism. 1,912,532; June 6.
 Lundholm, Carl H., Aktiebolag. (See Kuhlemann, Stig, O. C., assignor.)
 Lundin, Axel G., Blairstown, N. J., assignor to American Machine & Foundry Company. Automatic chuck. 1,907,553; May 9.
 Lundin, Axel G., Blairstown, N. J., assignor to American Machine & Foundry Company. Stop chuck. 1,935,645; Nov. 21.
 Lundin, Axel G., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Chuck. 1,935,644; Nov. 21.
 Lundin, Axel G., and C. W. Johnson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Tap chuck. 1,915,542; June 27.
 Lundin Electric & Machine Co. (See Palmer, Floyd L., assignor.)
 Lundin, Knut E., National City, Calif., assignor of one-fourth to D. M. Feters, Gallup, N. Mex., and one-third to C. S. B. Krohn, Los Angeles, Calif. Power transmitting device. 1,914,141; June 13.
 Lundin, Trued B. (See Litt, J. R., and Lundin.)
 Lundquist, Arvid, assignor to R. Hoe & Co., Inc., New York, N. Y. Pressure operated valve. 1,936,137; Nov. 21.
 Lundquist, Hendrick W., Los Angeles, Calif. Floor sander. 1,905,296; Apr. 25.
 Lundquist, Hilding, Bridgeport, assignor to H. S. Forsberg, Stratford, Conn. Machine for making saw blades. 1,932,223; Oct. 24.
 Lundquist, Stanley E. (See Morrison, M., and Lundquist.)
 Lundstrom, Frank O. (See Whittaker, C. W., and Lundstrom.)
 Lundt, Ernest C., Bloomfield, and N. E. Bertl, Belleville, N. J., assignors to The Consolidated Gas Company, of New York. Heating pot. 1,912,288; May 30.
 Lundteigen, John H., Detroit, Mich., assignor to The Super Cement Company. Grinding materials. 1,923,383; Aug. 22.
 Lundy, Frank S. (See Boyce, S. R., and Lundy.)
 Lundy, Thomas F., Tulsa, assignor to CO₂ Appliance Company, Tulsa, Okla. Liquefier for solidified gas. 1,938,034; Dec. 5.
 Luneberg, Gustave H., Amsterdam, N. Y. Window fastener. 1,938,258; Dec. 5.
 Luning, George W. (See Groene, W. F., and Luning.)
 Lunkenheimer Company, The. (See Aull, Jerome J., assignor.)
 Lunkenheimer Company, The. (See Hehemann, Frederick H., assignor.)
 Lunkenheimer Company, The. (See MacGregor, H. P., and Hehemann, assignors.)
 Lunn, Frederick C., Chelmsford, England, assignor to Radio Corporation of America. Transmitter. 1,938,631; Dec. 12.
 Lunsford, Louis, assignor to Lunsford Manufacturing Co., Muskegon, Mich. Windshield cleaner. 1,919,236; July 25.
 Lunsford Manufacturing Co. (See Lunsford, Louis, assignor.)
 Lunsford, Robert C., jr., assignor to Hughes Tool Company, Houston, Tex. Mounting for acid bottles. 1,905,116; Apr. 25.
 Lunsford, Wesley, and E. Weiny, Milton, Iowa. Grain separators. 1,933,561; Nov. 7.
 Lupé, Inc. (See Friedman, William, assignor.)
 Lupica, Albert, New York, N. Y. Barbershop pole. Des. 89,901; May 16.
 Lupien, Henry B., Manchester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,937,827; Dec. 5.
 Luplow, Ronald C., Seligman, Ariz. Humidifier. 1,900,453; Mar. 7.
 Lupo, Giacomo, assignor of one-tenth to P. Cantalupo, Brooklyn, N. Y. Fountain brush. 1,936,724; Nov. 28.
 Lupton's, David, Sons Company. (See King, Alexander S., assignor.)
 Lupton's, David, Sons Company. (See Pollock, B. H., and Sheard, assignors.)
 Lupton's, David, Sons Company. (See Sheard, Joseph H., assignor.)
 Lupton's, David, Sons Company. (See Walton, Howard T., assignor.)
 Lurcott, Winfred N. (See Stratton, M. H., and Lurcott.)
 Lurie, Arnold N., Chicago, Ill. Article of manufacture. 1,902,175; Mar. 21.
 Lurie, Benjamin L. (See Lurie, Sidney J. and B. L.)
 Lurie, Sidney J., Berwyn, and B. L. Lurie, Chicago, Ill. Machine for making and delivering sheet material articles. 1,911,199; May 30.
 Lurraim, Nathaniel M., Woodside, N. Y. Collapsible picture frame. 1,899,815; Feb. 28.
 Lusby, Oscar W., Baltimore, Md. Catalysts for the production of oxygenated organic compounds. 1,900,829; Mar. 7.
 Lusby, Oscar W., assignor to W. J. Huff, Baltimore, Md. Catalysts for the removal of organic sulphur compounds from gases. 1,900,882; Mar. 7.
 Lusby, Oscar W., assignor to W. J. Huff, Baltimore, Md. Purifying gas. 1,900,883; Mar. 7.
 Lusby, Oscar W., assignor to W. J. Huff, Baltimore, Md. Apparatus for the control of combustion. 1,900,884; Mar. 7.
 Lüscher, Emil, assignor to the Firm Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Basel, Switzerland. Absorption of oxides of nitrogen. 1,901,816; Mar. 14.
 Lüscher, Emil, Basel, assignor to Firm Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Basel and Gampel, Switzerland. Concentration of aqueous formic acid. 1,919,850; July 25.
 Lüscher, Emil, Basel, assignor to Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland. Manufacture of formic acid from formates. 1,919,851; July 25.
 Lüscher, Emil, assignor to Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland. Manufacture of double salts of calcium nitrate. 1,926,492; Sept. 12.
 Lüscher, Emil, assignor to Firm Lonza Elektrizitäts-werke und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland. Manufacture of highly concentrated nitric acid. 1,930,881; Oct. 17.
 Luschenowsky, Alexander, Berlin, Germany. Magnesium alloy. 1,941,039; Dec. 26.
 Luse, William J., New York, N. Y. Reversible double ended fuse plug. 1,923,156; Aug. 22.
 Lush, Ernest J., London, England. Hydrogenating apparatus. 1,892,732; Jan. 3.
 Lusher, Albert C. (See Leggett, G. R., Lusher, and Cornell.)
 Lusher, Albert C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispensing can holder. 1,927,553; Sept. 19.
 Lusher, Albert C., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fire extinguisher. 1,928,295; Sept. 26.
 Lusk, Walter F. (See Jordan, I. N., and Lusk.)
 Lussier, Alphonse L., Springfield, Mass. Cushion assembly of resilient wheels. 1,895,579; Jan. 31.
 Lussier, Alphonse L., Springfield, Mass. Dual wheel structure. 1,902,121; Mar. 28.
 Lussier, Henry, Salem, Mass. Harness connection for looms. 1,920,412; Aug. 1.
 Lustbader, William, New York, N. Y. Chair. Des. 90,161; June 20.
 Luster, Eric W., Westfield, N. J., assignor to Standard Oil Development Company. Apparatus for fractionating cracked products. 1,915,681; June 27.

- Lusteroid Container Company. (See Sillocks, Warren S., assignor.)
- Lustre Co. The. (See Sommers, Carl J., assignor.)
- Lute, Carl. (See Fehr, E. J., Lute, and Tobin.)
- Lute, Carl, Hammond, Ind., assignor to Camel Company, Chicago, Ill. Door elevating arrangement. 1,901,758; Mar. 14.
- Lute, Carl, Hammond, Ind., assignor to Camel Company, Chicago, Ill. Adjustable hold-down device. 1,937,769; Dec. 5.
- Lutes, Arthur M., Kansas City, assignor of one-half to A. C. Flack, Fredonia, Kans. Motor. 1,897,063; Feb. 14.
- Luth & Roséna Elektriska Aktiebolag. (See Ugglä, Wilhelm R., assignor.)
- Luther, George A., Kansas City, Kans. Voting machine. 1,024,449; Aug. 29.
- Luther, Martin. (See Beller, H., and Luther.)
- Luther, Martin. (See Zobel, F., and Luther.)
- Luther, Martin, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphonated products. 1,908,376; May 9.
- Luther, Martin, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Working up oxidation products prepared from solid hydrocarbons. 1,927,840; Sept. 26.
- Luther, Martin, Mannheim, and C. Heuck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Emulsifying diolefines and for the production of products similar to latex. 1,896,491; Feb. 7.
- Luther, Martin, Mannheim, and H. Beller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of masses resembling rubber oil substitute. 1,897,133; Feb. 14.
- Luther, Martin, Mannheim, and H. Beller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of masses resembling linoleum. 1,901,374; Mar. 14.
- Luther, Martin, Mannheim, and W. Dietrich, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of alcohols. 1,931,501; Oct. 24.
- Luther, Martin, Mannheim, and H. Wille, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonation of oxidation products of hydrocarbons and the like. 1,909,295; May 16.
- Luther, Martin, and H. Franzen, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of organic acids. 1,927,841; Sept. 26.
- Luther, Martin P., assignor to Super Safety Switch Co. Chicago, Ill. Electric switch. 1,903,824; Apr. 18.
- Luthi, Robert, Newark, N. J., assignor to American Can Company, New York, N. Y. Can body soldering apparatus. 1,935,646; Nov. 21.
- Luthi, Walter, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Circuit breaker protective system. 1,919,895; July 25.
- Luthy, Max, St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Method and apparatus for treatment of suspensions. 1,939,178; Dec. 12.
- Luthy, Max, St. Louis, and B. E. Thomas, Webster Groves, assignors to Monsanto Chemical Works, St. Louis, Mo. Purification of organic acid chlorides. 1,906,761; May 2.
- Luton, John, Cleveland Heights, Ohio. Molding articulated articles. 1,931,585; Oct. 24.
- Luton, John, Cleveland Heights, assignor, by mesne assignments, to The Consolidated Iron-Steel Manufacturing Company of 1932, Cleveland, Ohio. Method and apparatus for making molds. 1,924,081; Aug. 22.
- Lutscher, Eugen. (See Arnold, H., and Lutscher.)
- Lutsky, Bernard, Brooklyn, N. Y. Valve fitting for plumbing fixtures. 1,894,407; Jan. 17.
- Luttbeg, Max B., St. Louis, Mo. Accordion. 1,922,381; Aug. 15.
- Lutton, William H., Company. (See Pratt, Henry W., assignor.)
- Luttrell, Alvin G., Dallas, Tex. Windshield heater and wiper. 1,918,651; July 18.
- Luttrell, James G., assignor to McCormick & Co., Incorporated, Baltimore, Md. Counter service teapot. Des. 89,258; Feb. 14.
- Lüttringhaus, Arthur, Mannheim, H. Neresheimer, Ludwigshafen-on-the-Rhine, and H. Emmer, Mannheim, Germany, assignors to General Aniline Works, Inc. of New York, N. Y. Making dibenzanthrone from the corresponding Bz1, Bz1'-dibenzanthronyls. 1,899,579; Feb. 28.
- Luttrupp, Conrad, assignor of one-half to A. Lindahl, Stockholm, Sweden. Calculating machine. 1,896,182; Feb. 7.
- Lutts, Wilford E., and G. A. Graves, Newton Center, assignors to Sani-Fil, Inc., Boston, Mass. Waste receptacle. 1,895,904; Jan. 31.
- Luttschiffbau Zeppelin Gesellschaft mit beschränkter Haftung. (See Schirmer, Max, assignor.)
- Lutz, August, Chicago, Ill. Container closure. 1,930,364; Oct. 10.
- Lutz, Charles F., Milwaukee, Wis. Hinge. 1,932,552; Oct. 31.
- Lutz, Frank, Kansas City, Mo. Lure. 1,913,493; June 13.
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Ornamental stitch sewing machine. 1,919,852; July 25.
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Overedge stitch forming mechanism. 1,922,966; Aug. 15.
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Chain stitch sewing machine. 1,929,321; Oct. 3.
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Chain stitch sewing machine. 1,929,322; Oct. 3.
- Lutz, Friedrich, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Feeding mechanism for sewing machines. 1,940,358; Dec. 19.
- Lutz, George, Brooklyn, assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Apparatus for making receptacles. 1,932,416; Oct. 31.
- Lutz, George, Rocky River, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Sulphurized cinchona bark alkaloid. 1,908,773; May 16.
- Lutz, George A., Cranford, N. J., assignor to American Circular Loom Company, Inc., Dover, Del. Electric welding. 1,905,478; Apr. 25.
- Lutz, George A., Cranford, N. J., assignor to American Circular Loom Company, Inc., Dover, Del. Electric welding. 1,905,479; Apr. 25.
- Lutz, George A., Cranford, N. J., assignor to American Circular Loom Company, Inc., Dover, Del. Electric welding machine. 1,913,713; June 13.
- Lutz, George A., Cranford, N. J., assignor to American Circular Loom Company, Inc., Dover, Del. Ferrule for electric welding. 1,913,714; June 13.
- Lutz, George A., and L. E. Kramer, Cranford, N. J., assignors to American Circular Loom Company, Inc., Dover, Del. Electric welding machine. 1,905,480; Apr. 25.
- Lutz, George H., Chicago, Ill. Apparatus for heating surfaces. 1,899,704; Feb. 28.
- Lutz, Vergil M., Urbana, Ohio. Steering device for motor vehicles. 1,910,926; May 23.
- Lutz, William H., San Francisco, Calif. Necktie support. 1,903,746; Apr. 11.
- Lutz, William S., Delaware Gardens, N. J. Gold leaf laying device. 1,929,894; Oct. 10.
- Lux Clock Manufacturing Company, The. (See Lux, Paul, assignor.)
- Lux, Elisabeth, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Preparing refractory material. 1,924,743; Aug. 29.
- Lux, Elisabeth, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Preparation of refractory mortar. 1,924,744; Aug. 29.
- Lux, Elisabeth, Essen, and W. H. Daniels, and E. Kühn, Dusseldorf-Heerdt, Germany, assignors, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Method and apparatus for making refractory bricks. 1,937,028; Nov. 28.
- Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Combined alarm clock case and dial. Des. 89,712; Apr. 25.
- Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Combined clock case and dial. Des. 90,327; July 18.
- Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Clock face. Des. 90,724; Sept. 19.
- Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. Combined pendulum, dial, and casing for a clock. Des. 90,919; Oct. 24.
- Lux, Paul, assignor to Lux Clock Manufacturing Company, Waterbury, Conn. High power clock escapement. 1,913,991; June 13.
- Lux, Paul, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Pendulum clock. 1,928,296; Sept. 26.
- Luxmore, William, Chicago, Ill. Carburetor for internal combustion engines. 1,934,935; Nov. 14.
- Luxmore, William, Chicago, Ill. Operating lamp. 1,937,585; Dec. 5.
- Luzardo, Rudolph, New York, N. Y. Buffing machine. 1,893,424; Jan. 3.
- Luzerne Motor Company. (See Conroy, Marcus F., assignor.)
- Luzzi, August F., Wichita Falls, Tex. Exercising machine. 1,920,574; Aug. 1.
- Lybarger, Samuel F., assignor to E. A. Myers & Sons, Mount Lebanon, Pittsburgh, Pa. Transmitter. 1,928,669; Oct. 3.
- Lyden, Frank J., Toronto, Ontario, Canada. Electric motor. 1,908,522; May 9.
- Lyen, Ezekiel W., Yakima, Wash. Recording speed indicator. 1,920,514; Aug. 1.
- Lyford, Robert E., Chicago, Ill., assignor to International Harvester Company. Mechanically expansible element. 1,919,340; July 25.
- Lyford, Robert E., Chicago, Ill., assignor to International Harvester Company. Starter for internal combustion engines. 1,936,766; Nov. 28.

- Lykes, Coke S., Syracuse, assignor to The Solvay Process Company, Solvay, N. Y. Process and apparatus for drying chlorine. 1,930,526; Oct. 17.
- Lykken, Henry G., Minneapolis, Minn. Fluid impeller. 1,893,719; Jan. 10.
- Lyko Medicine Company. (See Dodson, Carroll E., assignor.)
- Lyle, Frederick W., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Grid controlled mercury arc circuit controller. 1,894,994; Jan. 24.
- Lyle, Frederick W., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Frequency-changing circuit. 1,922,250; Aug. 15.
- Lyle, James C., and R. W. Messmore, Daytona Beach, Fla. Oil burner. 1,893,674; Jan. 10.
- Lyle, Jesse L., Danville, Va. Bobbin former. 1,936,516; Nov. 21.
- Lyle, William S., San Francisco, Calif. Cotter pin. 1,913,555; June 13.
- Lyman, Charles E., Waterbury, Conn. Tubular rivet machine. 1,900,572; Mar. 7.
- Lyman, Charles E., Jr., assignor to The Lyman Gun Sight Corporation, Middlefield, Conn. Sight. 1,901,399; Mar. 14.
- Lyman, Donald F. (See Miller, F. C., and Lyman.)
- Lyman Gun Sight Corporation, The. (See Lyman, Charles E., Jr., assignor.)
- Lyman, Harold T., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric regulator. 1,893,780; Jan. 10.
- Lyman, Harold T., Jr., assignor to General Electric Company, Schenectady, N. Y. Electric regulator. 1,893,781; Jan. 10.
- Lyman, Kenneth E., Rockford, Ill., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Free wheeling transmission mechanism. 1,899,514; Feb. 28.
- Lyman, Kenneth E., Rockford, Ill., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Free wheeling transmission mechanism. 1,899,515; Feb. 28.
- Lyman, Kenneth E., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Oil cooler and filter. 1,906,984; May 2.
- Lyman, Kenneth E., Rockford, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,935,368; Nov. 14.
- Lyman, Kenneth E., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake applying means. 1,940,458; Dec. 19.
- Lyman, Kenneth E., assignor to Borg-Warner Corporation, Chicago, Ill. Tire construction. 1,938,539; Dec. 5.
- Lyman, Samuel, Brooklyn, N. Y. Vehicle lamp. Des. 89,259; Feb. 14.
- Lyman, Walter H., and E. G. Rix, assignors to The International Check Endorser Co., Chicago, Ill. Check printing and photographing machine. 1,919,957; July 25.
- Lyman, Walter H., and P. F. Fischel, assignors, by mesne assignments, to The International Check Endorser Co., Chicago, Ill. Check indorser. 1,924,693; Aug. 29.
- Lynch Corporation. (See Bridges, Edward G., assignor.)
- Lynch Corporation. (See Miller, Edward, assignor.)
- Lynch, David W., Lancaster, Pa. Canopy. Des. 91,209; Dec. 19.
- Lynch, James A., and D. H. Sanders, Los Angeles, Calif. Clamp for form ties. 1,911,701; May 30.
- Lynch, James F., Peabody, Mass. Rumble seat inclosure. 1,909,876; May 16.
- Lynch, James J., and E. F. Barvoets, assignors to J. B. Lyon Company, Albany, N. Y. Binder. 1,902,965; Mar. 28.
- Lynch, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Household mixer. 1,926,910; Sept. 12.
- Lynch, Russell W., Chicago, Ill. Indicating apparatus for cash registers. 1,938,295; Dec. 5.
- Lynch, Silas H., Dallas, Tex. Game board. 1,894,469; Jan. 17.
- Lynch, Theodore L., Southgate, Calif. Pipe tongs. 1,906,696; May 2.
- Lynd, Andrew R. (See Richardson, D. R., and Lynd.)
- Lynds, Fred H., North Attleboro, Mass. Moving picture screen. 1,904,872; Apr. 18.
- Lyness, William S., Minneapolis, Minn. Pipe coupling. 1,916,930; July 4.
- Lyng, Carsten. (See Andersen, B., and Lyng.)
- Lynn, Ewing K., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Adjusting device. 1,910,491; May 23.
- Lynn, Ewing K., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 1,932,080; Oct. 24.
- Lynn, Ewing K., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 1,939,907; Dec. 19.
- Lynn, George, Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Soda ash. 1,907,987; May 9.
- Lynn, George, Wadsworth, E. M. Allen and B. K. Beecher, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Producing hydrogen sulphide. Re.18,902; July 25.
- Lynn, George, Wadsworth, and R. W. Miller, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparation of anhydrous caustic. 1,907,988; May 9.
- Lynn, Harry E., Maywood, and F. Lambert, Jr., Eagle Rock, assignors of twenty-seven per cent to W. A. Smith, eighteen one-fourth per cent to W. A. Vock, and eighteen one-fourth per cent to F. M. Boswell, Long Beach, Calif. Bushing for rotary tables. 1,914,210; June 13.
- Lynn, Harry H., New Rochelle, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Tape feeding device. 1,905,481; Apr. 25.
- Lynn, John P., Sycamore, assignor to Dur-O-Lite Pencil Company, Chicago, Ill. Pencil. 1,897,315; Feb. 14.
- Lynn, Lambert H., Schenectady, N. Y., assignor to General Electric Company. Signal system. 1,899,580; Feb. 28.
- Lyon, Alfred J., Mount Clemens, Mich., and S. Daniels, Dayton, Ohio. Heat treatment for aluminum base alloys. 1,920,090; July 25.
- Lyon, Clinton L., Scotia, and C. A. Jagger, Schenectady, N. Y., assignors to General Electric Company. Resistance unit. 1,904,487; Apr. 18.
- Lyon Cover Company. (See Jandus, Herbert S., assignor.)
- Lyon Cover Company. (See Short, Bladen M., assignor.)
- Lyon, Frank S. (See Fish, Gilbert D., assignor.)
- Lyon, George A., Asbury Park, N. J. Tire cover or similar article. Des. 90,904; Oct. 17.
- Lyon, George A., assignor to Lyon Incorporated, Asbury Park, N. J. Combination spare tire cover side member and spare wheel hub closure for a tire cover or similar article. Des. 89,466; Mar. 14.
- Lyon, George A., assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover or similar article. Des. 90,920; Oct. 24.
- Lyon, George A., assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover or similar article. Des. 90,921; Oct. 24.
- Lyon, George A., Allenhurst, N. J. Making automobile buffers. 1,917,267; July 11.
- Lyon, George A., Allenhurst, N. J. Wheel rim ornamental bead. 1,920,575; Aug. 1.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires. 1,924,084; Aug. 22.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 1,924,085; Aug. 22.
- Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Tire cover with contractible clamping bands. 1,924,086; Aug. 22.
- Lyon, Hancel M. (See Rice, W. H., and Lyon.)
- Lyon, Harold L., Honolulu, Hawaii. Recording radiometer. 1,911,456; May 30.
- Lyon, Harry, Brockton, assignor to George O. Jenkins Company, Bridgewater, Mass. Method of and apparatus for cutting laminated material. 1,938,394; Dec. 5.
- Lyon Incorporated. (See Lyon, George A., assignor.)
- Lyon, J. B., Company. (See Lynch, J. J., and Barvoets, assignors.)
- Lyon, Leonidas N., sr., Houston, Tex. Drive or power wheel for automobiles. 1,899,097; Feb. 28.
- Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
- Lyon Metal Products, Incorporated. (See Bales, J. E., and Christensen, assignors.)
- Lyon Metal Products, Incorporated. (See Bales, J. E., Christensen, Hallberg, and Adler, assignors.)
- Lyon Metal Products, Incorporated. (See Bales, J. E., and Gerberich, assignors.)
- Lyon Metal Products Incorporated. (See Bales, J. E., and O'Connor, assignors.)
- Lyon Metal Products, Incorporated. (See Bales, J. E., and Vance, assignors.)
- Lyon Metal Products Incorporated. (See O'Connor, John B., assignor.)
- Lyon Metal Products, Incorporated. (See Sherwood, Lewis R., assignor.)
- Lyon Metal Products, Incorporated. (See Vance, Walter N., assignor.)
- Lyon, Robert H. (See Falkenwalde, Oscar, assignor.)
- Lyon, Russell F., Menasha, and P. J. Christman, Green Bay, assignors to Marathon Paper Mills Company, Rothschild, Wis. Method of and apparatus for forming sulphurized fiber board containers. 1,892,675; Jan. 3.
- Lyon, Sidney P. (See Laddon, I. M., and Lyon.)
- Lyon, Sidney P., Kenmore, N. Y. Aircraft construction. 1,939,506; Dec. 12.
- Lyon, William B., Lakewood, Ohio. Drawbar and coupling. 1,896,713; Feb. 7.
- Lyons, Arthur G., Pennside, near Reading, and G. N. Mason, Mount Penn, near Reading, assignors to Reading Hardware Corporation, Reading, Pa. Cylinder-knob doorlock. 1,930,651; Oct. 17.
- Lyons, David. (See Van der Steyn, O., and Lyons.)
- Lyons, Edward, and O. M. Gruhitz, assignors to Parke, Davis & Company, Detroit, Mich. Organic arsenic compound. 1,940,760; Dec. 26.
- Lyons, Henry N. (See Lowe, W. W., and Lyons.)
- Lyons, Henry N., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Dewaxing and refining oils. 1,920,922; Aug. 1.
- Lyons, Ira J. (See Zimmerman, F. A., and Lyons.)
- Lyons, James E., Maywood, Calif. Combination table and Christmas tree holder. 1,897,616; Feb. 14.

- Lyons, Norbert, et al. (See Freund, B. G., and Thomas, assignors.)
- Lyons, Richard, Lambertville, N. J. Brooder stove. 1,894,108; Jan. 10.
- Lyons, Robert L., Waltham, Mass. Button sewing machine. 1,900,388; Mar. 7.
- Lyons, Robert L., Waltham, assignor to American Button Sewing Machine Co., Boston, Mass. Machine for securing buttons to work. 1,915,829; June 27.
- Lyons, Robert L., Waltham, assignor to American Button Sewing Machine Co., Boston, Mass. Button sewing machine. 1,915,830; June 27.
- Lyons, Robert L., Waltham, assignor to American Button Sewing Machine Co., Boston, Mass. Sewing machine. 1,915,831; June 27.
- Lyons, Theodore E., Jeffersonville, Ind., assignor to American Car and Foundry Company, New York, N. Y. Industrial truck. 1,917,892; July 11.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Elastic fluid turbine of the combined radio-axial flow type. 1,892,899; Jan. 3.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Tightening device for radial flow steam turbines. 1,897,989; Feb. 14.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Gearing. 1,898,198; Feb. 21.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Radial flow turbine. 1,910,845; May 23.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Cooling for electric machines. 1,912,586; June 6.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Elastic fluid turbine plant. 1,925,147; Sept. 5.
- Lysholm, Alf, assignor to Aktiebolaget Mflö, Stockholm, Sweden. High-temperature turbine. 1,925,148; Sept. 5.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Blade ring for radial flow elastic fluid turbines. 1,927,944; Sept. 26.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Hydraulic transmission. 1,934,936; Nov. 14.
- Lysholm, Alf, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Cooling means for closed electrical motors, generators, or the like machines. 1,938,076; Dec. 5.
- Lysholm, Alf, assignor to Aktiebolaget Ljunströms Anturbin, Stockholm, Sweden. Cooling device for closed electrical motors, generators, or the like machines. 1,938,077; Dec. 5.
- Lysholm, Alf, Fred Horney, and Gösta Wahlsten, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Variable speed power transmission. 1,900,119; Mar. 7.
- Lysholm, Alf, Fred Horney, and Gösta Wahlsten, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Variable speed power transmission. 1,900,120; Mar. 7.
- Lysholm, Alf, Stockholm, and G. K. W. Boestad, Lidings, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Blade ring for elastic fluid turbines. 1,906,697; May 2.
- Lysholm, Alf, and G. Wahlsten, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Turbine driven locomotives. 1,910,619; May 23.
- Lysholm, Alf, Stockholm, and G. K. W. Boestad, Lidings, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Blade ring for radial flow elastic fluid turbines and producing same. 1,916,175; June 27.
- Lysholm, Alf, Stockholm, F. Ljungström and E. O. Eriksson, Lidings, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Turbine driven locomotive. 1,924,062; Aug. 22.
- Lysholm, Alf J. R., assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Hydraulic variable speed power transmission. 1,900,118; Mar. 7.
- Lytel, Harvey M., Los Angeles, Calif. High pressure relief valve. 1,916,766; July 4.
- Lytell, Bernard L., Detroit, and W. D. Robinson, Grosse Pointe Farms, assignors to Detroit Hume Pipe Co., Detroit, Mich. Pine joint. 1,927,987; Sept. 26.
- Lyth, Paul W., Lidings, Sweden. Receiving apparatus for electrical impulses. 1,895,889; Jan. 31.
- Lytle, Arthur R., Bayside, N. Y., assignor to The Linde Air Products Company. Welding flux for nonferrous alloys. 1,940,262; Dec. 19.
- Lytle, Robert W., assignor to The Formica Insulation Company, Cincinnati, Ohio. Silent gear. 1,912,082; May 30.
- Lytle, Robert W., assignor to The Formica Insulation Company, Cincinnati, Ohio. Manufacturing silent gears. 1,912,083; May 30.
- Lytle, Robert W., assignor to The Formica Insulation Company, Cincinnati, Ohio. Silent gear. 1,940,359; Dec. 19.
- Lytle, William O., New Kensington, Pa., assignor to Duplate Corporation. Process and apparatus for making safety glass. 1,939,998; Dec. 19.
- Lytue, Charles F., Sioux City, Iowa. Art and product of masonry joint fillers. 1,909,202; May 16.
- M. & A. Inc. (See Auble, James L., assignor.)
- M. J. B. Company. (See Burns, Wilfred E., assignor.)
- M-O Valve Company Limited, The. (See Eden, C. G., and Smithells, assignors.)
- M & R Dietetics Laboratories, Inc. (See Otting, Herbert E., assignor.)
- Maag, John H., Cleveland, Ohio. Building construction. 1,925,331; Sept. 5.
- Maarsen, Isidor, New York, N. Y. Transfer table rear guide. 1,900,064; Mar. 7.
- Maas, Andrew J. (See Lang, Ernst F., assignor.)
- Maas, A. R., Chemical Company. (See Bowman, Frederic C., assignor.)
- Maas, Arnold. (See Kissing, Friedrich, and Maas.)
- Maas, Harvey H., assignor to The Vollrath Co., Sheboygan, Wis. Ventilated refrigerator dish. 1,926,240; Sept. 12.
- Maas, Henry, jr. (See Thompson, G., Steele, and Maas, jr.)
- Maas, Julian, St. Louis, Mo. Millinery display fixture. Des. 89,778; May 2.
- Maas, Julian, St. Louis, Mo. Dispenser. 1,896,750; Feb. 7.
- Maas, Melvin J. (See Ermisch, Carl R., assignor.)
- Maas, Nathan R., Woodmere, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company. Safety razor. 1,897,653; Feb. 14.
- Mabee, Alexander C., Villa Park, assignor to Oakes Products Corporation, North Chicago, Ill. Lock structure. 1,917,593; July 11.
- Mabee, Alexander C., Villa Park, assignor to Oakes Products Corporation, North Chicago, Ill. Lock structure. 1,917,656; July 11.
- Mabee, David W., assignor to National Folding Box Company, New Haven, Conn. Box. 1,923,297; Sept. 26.
- Mabey, Arthur R., assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 1,899,516; Feb. 28.
- Mabey, Charles W., assignor to Mabey Electric and Manufacturing Company, Indianapolis, Ind. Bun puncher and toaster. 1,902,564; Mar. 21.
- Mabey, Charles W., Indianapolis, Ind., assignor to Mabey Electric and Manufacturing Company. Bun corrugator. 1,910,620; May 23.
- Mabey, Charles W., assignor to Mabey Electric and Manufacturing Company, Indianapolis, Ind. Deep fat cooker. 1,925,265; Sept. 5.
- Mabey Electric and Manufacturing Company. (See Mabey, Charles W., assignor.)
- Mabie, Edmund L., assignor to Jewell Electrical Instrument Company, Chicago, Ill. Switching device. 1,913,992; June 13.
- Maibille, Ernest. (See Marbach, Fritz, assignor.)
- Macabee, Edward L., et al. (See Langbein, Harold W., assignor.)
- Macallen Company, The. (See McCarthy, Louis, assignor.)
- Macallen Company, The. (See Tracy, Elwyn B., assignor.)
- MacAller, Cornelius J., Derby, assignor to A. H. Lavietes, Shelton, Conn. Carpenter's plane. 1,914,609; June 20.
- MacAller, Cornelius J., Derby, assignor to A. H. Lavietes, Shelton, Conn. Carpenter's plane. 1,929,504; Oct. 10.
- MacAller, Cornelius J., Derby, assignor to A. H. Lavietes, Shelton, Conn. Tobacco can elevator. 1,940,313; Dec. 19.
- MacAllister, John L., Sioux City, Iowa. Automobile seat. 1,938,435; Dec. 5.
- MacAlman, J. H. (See Dashner, Emery J., assignor.)
- Macalpine, William W., East Orange, N. J. Radio receiving system. 1,892,704; Jan. 3.
- Macaluso, Eugenio, Turin, Italy. Propeller. 1,895,043; Jan. 24.
- MacAndrews and Forbes Company. (See Piquet, Henry W., assignor.)
- MacArthur, Charles J., Glen Ridge, N. J. Sheet-fed relief-intaglio rotary printing press. 1,895,080; Jan. 24.
- MacArthur Concrete Pile Corporation. (See Burrell, Harold P., assignor.)
- MacArthur Concrete Pile Corporation. (See Talmadge, Richard E., assignor.)
- Macbeth-Evans Glass Company. (See Blau, Henry H., assignor.)
- Macbeth-Evans Glass Company. (See Jenkins, Paul W., assignor.)
- Macbeth-Evans Glass Company. (See Kell, R. W., and Barth, assignors.)
- Macbeth-Evans Glass Company. (See Sloan, Theodore H., assignor.)
- MacBeth, Roy E., Woodland, and S. Yeager, Sacramento, Calif. Safety doorlock. 1,909,697; May 16.
- Maccabee, David E., Elmhurst, assignor to Grigsby-Grunow Company, Chicago, Ill. Refrigeration apparatus. 1,897,205; Feb. 14.
- Maccabee, David E., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,900,510; Mar. 7.
- Maccarferri, Mario, Mantes-La-ville, France. Stringed musical instrument. 1,908,613; May 9.
- MacCallum, James, sr. (See MacCallum, James, jr., assignor.)
- MacCallum, James, jr., University City, Mo., assignor to James MacCallum, sr. Quantity indicating device for liquids. 1,896,637; Feb. 7.
- MacCaskie, Thomas M., assignor to Hathaway Watson, Chicago, Ill. Aeroplane. 1,904,923; Apr. 18.

- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Butter tub. 1,899,342; Feb. 28.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Making expanded metal fences. 1,902,966; Mar. 28.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Forming metal hoops. 1,936,909; Nov. 28.
- MacChesney, Chester M., and R. H. Norton, assignors to Acme Steel Company, Chicago, Ill. Galvanizing process and apparatus. 1,917,657; July 11.
- MacChesney, Harold G., New York, N. Y. Emulsifying apparatus. 1,930,686; Oct. 17.
- Macchi, Aldo, Schenectady, N. Y., assignor to General Electric Company. Explosion safety door for combustion chambers. 1,934,438; Nov. 7.
- MacClatchie, John W. (See Hamer, Leland S., assignor.)
- MacClatchie, John W., Compton, Calif. Protector for drill pipe and the like. 1,903,467; Apr. 11.
- MacClatchie, John W., Compton, Calif. Brake. 1,910,805; May 23.
- MacColl, Kenneth D., Providence, assignor to J. & P. Coats (Rhode Island) Incorporated, Patucket, R. I. Textile packaging. 1,922,969; Aug. 15.
- Maccomber, Lewis H., Kalamazoo, Mich. Apparatus for treating paraffin. 1,922,382; Aug. 15.
- MacCordy, Charles A., Syracuse, N. Y. Bottle cap. 1,908,037; May 9.
- MacCordy, Charles A., Syracuse, N. Y. Bottle cap retainer and making same. 1,917,946; July 11.
- MacCourt, Winthrop D., T. F. Walsh, and F. H. Rasmussen, assignors to Magill-Weinsheimer Company, Chicago, Ill. Reflective display device. 1,901,661; Mar. 14.
- MacCoy, Andrew T., Boston, Mass. Printing telegraph. 1,923,273; Aug. 22.
- MacCubbin, Alexander A. (See Zavertnik, J., and MacCubbin.)
- MacCubbin, Alexander A., Montclair, and J. Zavertnik, jr., Harrington Park, N. J., assignors, by mesne assignments, to Warren W. Grimm, Nacogdoches, Tex. Distillation of petroleum oils. 1,907,328; May 2.
- MacCurdy, John T. (See Mapson, L. W., MacCurdy, and Nolan.)
- MacCutcheon, Alexander M., Shaker Heights, assignor to The Reliance Electric & Engineering Company, Cleveland, Ohio. Electric motor-driven roll. 1,898,551; Feb. 21.
- MacDaniel, Fenwick A. (See Mitchell, Alvan C., assignor.)
- Macdonald, Alexander D. (See Loomis, C. C., and Macdonald.)
- Macdonald, Alexander M., Seattle, Wash. Manufacturing soda ash. 1,940,459; Dec. 19.
- Macdonald, Archie A., Los Angeles, Calif., assignor to Hughes Tool Company, Houston, Tex. Cutter support for well drills. 1,896,243; Feb. 7.
- Macdonald, Charles H., San Francisco, Calif. Rod mill. 1,905,417; Apr. 25.
- Macdonald, Charles H., assignor to The Colorado Fuel & Iron Company, Denver, Colo. Highway guard. 1,913,715; June 13.
- Macdonald, Charles H., San Francisco, Calif., assignor to The Colorado Fuel and Iron Company, Denver, Colo. Highway guard. 1,922,445; Aug. 15.
- Macdonald, D. F., et al. (See Hansen, Regner, assignor.)
- Macdonald, David B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoe stiffeners. 1,895,467; Jan. 31.
- Macdonald, David B. and R. B., Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for preparing shoe stiffeners. 1,924,226; Aug. 29.
- Macdonald, Duncan M., London, England, assignor to Radio Patents Corporation, New York, N. Y. Electric condenser. 1,921,086; Aug. 8.
- Macdonald, Evan C., Montrose, and F. E. Miles, Flint, Mich. Tire clamp. 1,912,587; June 6.
- Macdonald, Frank J., Brookline, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Plastic stock manipulating apparatus. 1,924,210; Aug. 29.
- Macdonald, Hugh. (See Macdonald, William and H.)
- Macdonald, Ian, Modesto, Calif. Collapsible supporting frame for table and seat units. 1,910,704; May 23.
- Macdonald, Ian, Modesto, Calif. Collapsible knockdown table and seat unit. 1,934,937; Nov. 14.
- Macdonald, Ian, Modesto, Calif. Ball retriever. 1,937,828; Dec. 5.
- Macdonald, James A., Nakuru, East Africa. Gas producer. 1,938,296; Dec. 5.
- Macdonald, James A., Nakuru, East Africa. Production of producer gas. 1,938,297; Dec. 5.
- Macdonald, James E., assignor of one-half to F. B. Pope, Pittsburgh, Pa. Furnace wall. 1,929,073; Oct. 3.
- Macdonald, Lester S. (See Gaddu, G., and Macdonald.)
- Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,931,615; Oct. 24.
- Macdonald, Roland B. (See Macdonald, David B. and R. B.)
- Macdonald, William and H., Inverness, Scotland. Appliance for use in hair waving. 1,904,064; Apr. 18.
- Macdonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Wave signaling system. 1,910,399; May 23.
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 1,913,604; June 18.
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 1,921,087; Aug. 8.
- MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 1,921,088; Aug. 8.
- MacDonald, William F., assignor to Bridgeport Brass Company, Bridgeport, Conn. Air valve for radiator. 1,907,844; May 9.
- MacDonald, William J., Boston, and W. R. Miller, Medford, Mass. Sign. 1,914,142; June 13.
- Macdonnell, John D., Chicago, Ill. Acoustic tile. 1,929,751; Oct. 10.
- MacDougall, John, Wyoming, Pa. Concrete safety mining unit. 1,924,044; Aug. 22.
- MacDougall, Robert, Granite City, assignor to Beemack Furnace Company, Cicero, Ill. Draft control apparatus for furnaces. 1,921,763; Aug. 8.
- MacElhone Methods, Inc. (See Hopkins, Selden G., assignor.)
- Macey, Eugene J., Rosholt, S. Dak. Lubricator fitting. 1,901,973; Mar. 21.
- MacFadden, George J., Quincy, Ill., assignor to Gardner-Denver Company, Denver, Colo. Bearing for eccentrics. 1,924,326; Aug. 29.
- MacFadden, Wilford C., Fox Chase, assignor to H. H. Eby, Philadelphia, Pa. Socket for tubes. 1,904,670; Apr. 15.
- MacFarlane, George F. (See Clocker, A., and MacFarlane.)
- Macfarlane, James C. (See Austin, G., and Macfarlane, J. C. and W. A.)
- McFarlane, Oren W., Boston, Mass. Magazine blade holder. 1,938,189; Dec. 5.
- Macfarlane, Robert F., Fulham, London, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Wafer icing machine. 1,897,207; Feb. 14.
- MacFarlane, Robert F., Fulham, London, and W. E. Prescott, Willesden, London, England, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Icing biscuits and the like. 1,904,742; Apr. 18.
- Macfarlane, Thomas F. (See Harbottle, W., and Macfarlane.)
- Macfarlane, William A. (See Austin, G., and Macfarlane, J. C. and W. A.)
- MacFayden, Louden E., Easton, Pa., assignor to Taylor Wharton Iron & Steel Company, High Bridge, N. J. Excavating apparatus. 1,920,873; Aug. 1.
- MacGahan, Paul, Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electric clock. 1,927,895; Sept. 26.
- MacGahan, Paul, Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Light meter. 1,932,043; Oct. 24.
- MacGillis & Gibbs Company. (See Monson, E. G., and Cullen, assignors.)
- MacGlashan Corporation, The. (See Crume, William H., assignor.)
- MacGrath, Harold F., Detroit, Mich., assignor to Inland Manufacturing Company, Dayton, Ohio. Container for use in refrigerators. 1,906,698; May 2.
- MacGregor, Alexander S., Scotia, N. Y., assignor to General Electric Company, Inductor. 1,921,687; Aug. 8.
- MacGregor, Halbert P., and F. H. Hehemann, assignors to The Lunkenheimer Company, Cincinnati, Ohio. Loose stem split rotor and lubricated valve. 1,926,450; Sept. 12.
- MacGregor, John R. (See Kremser, A., and MacGregor.)
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Combination thresher and windrow pickup. 1,919,896; July 25.
- MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 1,930,855; Oct. 17.
- MacGregor, Wallace F., and N. R. Krause, assignors to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 1,919,440; July 25.
- MacGregor, Wallace F., and M. A. Richardson, assignors to J. I. Case Company, Racine, Wis. Baling machinery. 1,919,897; July 25.
- Machado, William, Reno, Nev. Cradle for lifeboats. 1,893,866; Jan. 10.
- Maché, Augustin. (See Bayle, E., George, and Maché.)
- Machen, Clifford, Westminster, assignor to British Coal Distillation Limited, London, England. Method of and apparatus for separating solid carbonaceous material from foreign impurities. 1,905,945; Apr. 25.
- Macher, Frederick, Maspeth, N. Y. Protractor clamp for tinting machines. 1,907,329; May 2.
- Machesney, Arthur R. (See Wood, W. A., and Machesney.)
- Machinist, Harold, San Quentin, assignor of one-tenth to M. Slater, Berkeley, Calif. Lock. 1,899,876; Feb. 28.
- Machinist, Harold, San Quentin, assignor of one-tenth to M. Slater, Berkeley, Calif. Lock. 1,937,523; Dec. 5.
- Machlet, Adolph W., Elizabeth, N. J. Gas-measuring device. 1,899,764; Feb. 28.
- Machlet, Adolph W., Elizabeth, N. J. Finish for ferrous articles. 1,921,128; Aug. 8.
- Machlet, Adolph W., Elizabeth, N. J. Carburizing apparatus. 1,938,599; Dec. 12.

- Macht, Maurice L., North Arlington, N. J., assignor to Duplate Corporation. Composite glass. 1,906,474; May 2.
- Machut, Philip. (See Gurath, J. C., and Machut.)
- MacIer, Charles P., Waterbury, Conn., assignor, by mesne assignments, to Dispersions Process, Inc., New York, N. Y. Artificial dispersion of rubber. 1,938,078; Dec. 5.
- MacIldowie, John C., assignor to Asbestos Wood & Shingle Co., Nashua, N. H. Apparatus for coating sheet material with granular material. 1,896,638; Feb. 7.
- MacIntire, Walter H., Knoxville, and T. B. Stansel, Mascot, Tenn., assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making fluffy, hydrated calcium sulphate. 1,926,626; Sept. 12.
- MacIntosh, Charles H., assignor to C. J. Patterson Corporation, Kansas City, Mo. Composition of matter for use in producing leavened bakery products. 1,936,636; Nov. 28.
- MacIntosh, Daniel J. (See Byrne, J. R., and MacIntosh.)
- MacIntosh, James, et al. (See Burke, James P., assignor.)
- Mack Molding Co. (See Burke, James P., assignor.)
- Mack, Patrick H., Bradford, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Flooding control valve. 1,909,589; May 16.
- Mack, Patrick H., Bradford, assignor, by mesne assignments, to Oil Well Supply Company, Pittsburgh, Pa. Well packer. 1,919,853; July 25.
- Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic clutch. 1,937,971; Dec. 5.
- Mack, Reinhold, Goppingen, Germany. Milk dispenser. 1,920,016; July 25.
- Mack, Robert T., trustee. (See Edelman, Philip E., assignor.)
- Mack, Walter L., assignor, by mesne assignments, to Airway Electric Appliance Corporation, Toledo, Ohio. Air heater. 1,899,098; Feb. 28.
- Mack, Walter L., assignor, by mesne assignments, to Air-Way Electric Appliance Corporation, Toledo, Ohio. Radiator construction. 1,899,099; Feb. 28.
- Mack, Walter L., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Air conditioner. 1,937,829; Dec. 5.
- Mackay, James T., Columbus, Ohio. Refrigerating system. 1,914,032; June 13.
- Mackay, Charles W., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 1,918,766; July 18.
- Mackay, James P., and N. A. Noce, New York, N. Y. Powder dispensing device. 1,934,197; Nov. 7.
- MacKenzie, Alexander. (See Dent, L. M. E., and MacKenzie.)
- MacKenzie, Alexander S., Houston, Tex., assignor to Elk Manufacturing Company, Elk City, Okla. Screen for cotton cleaners. 1,935,745; Nov. 21.
- MacKenzie, Charles S., Bound Brook, N. J. Belt. 1,908,038; May 9.
- MacKenzie, Donald G., Montreal, Quebec, Canada. Steering arrangement for motor or like vehicles. 1,908,991; May 16.
- MacKenzie, Donald G., Montreal, Quebec, Canada. Steering arrangement for motor cars. 1,920,651; Aug. 1.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-pulling machine. 1,905,297; Apr. 25.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,909,369; May 16.
- MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-pulling machine. 1,940,761; Dec. 26.
- MacKenzie, George W., Beaver, Pa. Movable signal for automotive vehicles. Des. 88,874; Jan. 10.
- MacKenzie, John W., assignor to W. D. Ireland and D. F. Ireland, Dundee, Angus, Scotland. Weft feeler and stop motion device for weaving looms. 1,914,749; June 20.
- MacKenzie, Kenneth G., Westport, Conn., assignor to The Texas Company, New York, N. Y. Lubricating oil. 1,904,065; Apr. 18.
- MacKenzie, Leon R., Des Moines, Iowa. Impacting machine. 1,894,408; Jan. 17.
- MacKenzie, Lewis F., Newark, N. J. Wells, Princeton, and E. G. Dewis, Asbury Park, N. J. Testing the physical condition of human beings. 1,926,748; Sept. 12.
- MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Crate. 1,931,461; Oct. 17.
- MacKenzie, Philip, assignor of one-fourth to R. Mann, Oakland, and one-fourth to J. Mann, Berkeley, Calif. Automotive transmission. 1,903,221; Mar. 28.
- MacKenzie, Roy J., and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Silencer. 1,927,213; Sept. 19.
- MacKenzie, Thomas B., Los Angeles, Calif., assignor to Baker Ice Machine Co., Inc., Omaha, Nebr. Counter coil construction. 1,936,402; Nov. 21.
- Mackey, Albert E., Rochester, N. Y. Ice bunker for refrigerator cars. 1,923,319; Aug. 22.
- Mackey, Jesse A. (See Cooper, Albert N., assignor.)
- Mackey, Thomas O., Willowbrook, and W. Donaldson, Huntington Park, assignors to Wieman-Kammerer-Wright Company, Incorporated, Hollywood, Calif. Making a connection. 1,899,343; Feb. 28.
- Mackey, Thomas O., Whittier, and J. H. Howard, Huntington Park, assignors to Globe Oil Tools Company, Los Nietos, Calif. Mounting for hard cutting material. 1,909,975; May 23.
- Mackie, Charles H., assignor of one-half to Augustus L. Merolle, Brooklyn, N. Y. Cigarette package. 1,894,221; Jan. 10.
- Mackin, Thomas A., Wilkes-Barre, Pa. Vehicle washing and polishing apparatus. 1,931,444; Oct. 17.
- MacKinnon, George V., Elkins Park, assignor to John B. Stetson Company, Philadelphia, Pa. Hat making method and apparatus. 1,915,063; June 20.
- Mackintosh-Hemphill Company. (See De Salardi, Albert B., assignor.)
- Mackintosh, John, & Sons Limited, et al. (See Grover, Frederick, assignor.)
- Mackintosh, William B., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radiator valve. 1,920,757; Aug. 1.
- Macklanburg, Louis A., Oklahoma City, Okla. Display rack and reel. 1,924,645; Aug. 29.
- Macklanburg, Louis A., Oklahoma City, Okla. Weather stripping. 1,936,986; Nov. 28.
- Macklanburg, Louis A., Oklahoma City, Okla. Weather stripping. 1,936,987; Nov. 28.
- Macklem, Norris R. (See Richards, John W., assignor.)
- Mackler, Albert I., New York, N. Y. Film renovating machine. 1,914,890; June 30.
- Macklin, Frederick T., and D. G. Fries, Covington, Ky. Seal. 1,909,203; May 16.
- Macklin, Justin W. (See Shonkwiler, A. H., and Macklin, assignors.)
- Macksey, Kenneth W., et al. (See Burke, James P., assignor.)
- Macksoud, Michel E., New York, N. Y., assignor to The Electron Corporation, East Orange, N. J. Combined amplifying and rectifying system. 1,920,576; Aug. 1.
- MacLachlan, Andrew D., and K. E. Freund, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rubber bearing structure. 1,919,375; July 25.
- MacLachlan, John C., assignor, by mesne assignments, to A. P. Hunt, Chicago, Ill. Molasses product and making the same. 1,897,729; Feb. 14.
- MacLaren, Frederick H., Hammond, assignor to Standard Oil Company, Whiting, Ind. Wax composition. 1,905,923; Apr. 25.
- MacLaren, Frederick H., Calumet City, and T. H. Rogers, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Cylinder oil. 1,924,211; Aug. 29.
- MacLaren, John, Hillside, N. J. Indicating gauge. 1,898,552; Feb. 21.
- MacLaren, Stanley F. M. (See Snyder, F. H., and MacLaren.)
- MacLaughlan, James H., New York, N. Y. Conveyor. 1,905,924; Apr. 25.
- MacLaurin, James D., South Orange, N. J., assignor to Marathon Paper Mills Company, Rothschild, Wis. Apparatus for coloring and decorating paper. 1,919,793; July 25.
- MacLean, Allen D., Wilkinsburg, and F. Niesemann, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Orifice meter. 1,897,174; Feb. 14.
- MacLean, Allen D., and H. G. Weymouth, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas meter. 1,898,253; Feb. 21.
- MacLean, Allen D., and C. B. Johnson, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure regulator. 1,921,365; Aug. 8.
- MacLean, Allen D., and C. B. Johnson, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Liquid seal device for regulators. 1,921,366; Aug. 8.
- MacLean-Fogg Lock Nut Company. (See MacLean, John A., assignor.)
- MacLean, Gordon, Flushing, and E. G. Sisson, jr., assignors of one-third to H. D. Gaines, New York, N. Y. Liquid fuel. 1,916,735; July 4.
- MacLean, J. Showles, assignor of one-fourth to Q. Vinson, Toledo, Ohio. Dispensing. 1,933,596; Nov. 7.
- MacLean, John A., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip and making same. 1,922,814; Aug. 15.
- MacLean, John A., assignor to Wright-Austin Company, Detroit, Mich. Water gauge. 1,923,737; Aug. 22.
- MacLennan, Frank W., Miami, Ariz. Classifier. 1,895,468; Jan. 31.
- MacLennan, Hamish G., St. Kilda, Victoria, Australia. Portable vulcanizing device for repairing vehicle tires and other articles composed partly or wholly of rubber. 1,930,174; Oct. 10.
- Macleod, Albert A., Swampscott, and S. J. Finn, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers. 1,897,064; Feb. 14.
- Macleod, Keith, Brookline, Mass., assignor, by mesne assignments, to Truscon Steel Co., Youngstown, Ohio. Sound intercepting ventilator. 1,929,595; Oct. 10.
- MacMechen, Thomas R., New York, N. Y. Propeller. 1,911,376; May 30.
- MacMillan, Murdoch A., Chicago, Ill. Refrigerator car divider. 1,896,198; Feb. 7.
- MacMillan, Samuel B., New York, N. Y. Doorstop. 1,915,795; June 27.
- MacMillin, Howard F. (See Ernst, W., and MacMillin.)
- MacMillin, Howard F. (See Ernst, W., MacMillin, and Thoreson.)

- MacMonagle, William E., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Process of and apparatus for manufacturing pneumatic tire beads. 1,913,336; June 6.
- MacMullen, John S., San Francisco, Calif. Windshield construction. 1,918,922; July 18.
- MacNab, Oscar. (See Loehr, C. E., MacNab, and Chamberlin.)
- Macnabb, Vernon C., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 1,895,809; Jan. 31.
- Macnabb, Vernon C., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 1,896,825; Feb. 7.
- MacNaughton, Kenneth P. (See Kimball, Richard E., assignor.)
- MacNeil, Frederick H., Boston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Cell-enclosed electric switch and disconnecting switch therefor. 1,929,983; Oct. 10.
- MacNeill, John B. (See Evans, R. D., Fortescue, Crichton, MacNeill, Griscom and Wagner.)
- Macomber, Glen. (See Ferris, W., and Macomber, assignors.)
- Macomber, Glen, Waukesha, assignor to The Oilgear Company, Milwaukee, Wis. Drilling machine. 1,911,132; May 23.
- Macomber, Lynn W., Battle Creek, Mich. Lubricating head. 1,926,158; Sept. 12.
- Macomber, Stanley, Eugenefield District, Ohio. Composite wood-metal structural member. 1,899,344; Feb. 28.
- Macomic, Chester A., Chicago, Ill. Carriage drive mechanism. 1,916,272; July 4.
- Macourek, Jerry F., Cicero, assignor to O. D. Jennings & Company, Chicago, Ill. Retractable supporting gear. 1,921,420; Aug. 8.
- MacPhail, George. (See Komarek, G., MacPhail, and Coryell.)
- MacPherson, Earle S., assignor to Hupp Motor Car Corporation, Detroit, Mich. Vehicle spring mounting. 1,899,624; Feb. 28.
- MacPherson, Earle S., assignor to Hupp Motor Car Corporation, Detroit, Mich. Wrist pin connection. 1,914,516; June 20.
- MacPherson, Earle S., assignor to Hupp Motor Car Corporation, Detroit, Mich. Auxiliary starting means for motor vehicles. 1,914,517; June 20.
- MacPherson, Earle S., assignor to Hupp Motor Car Company, Detroit, Mich. Stabilizing means for vehicle springs. 1,915,134; June 20.
- MacPherson, Earle S., assignor to Hupp Motor Car Corporation, Detroit, Mich. Chassis frame construction. 1,917,894; July 11.
- MacQuarrie, Archibald H. (See Goodrich, C. M., and MacQuarrie.)
- Macrae, James N., and C. P. Packard, Stamford, Conn., assignors to Petroleum Heat and Power Company New York, N. Y. Low liquid level indicator and protection device. 1,907,845; May 9.
- MacRae, Mungo L., Schenectady, N. Y., assignor to General Electric Company. Welding apparatus. 1,932,281; Oct. 24.
- MacRae, Peter C., and R. C. Thomasson, Seattle, Wash. Highway marker. 1,923,632; Aug. 22.
- Macready, George A., Los Angeles, Calif. Core drill and means for ascertaining dip. 1,894,995; Jan. 24.
- Macready, George A., Los Angeles, Calif. Core drill with clock operated photographic means for ascertaining dip. 1,894,996; Jan. 24.
- Macready, George A., Los Angeles, Calif. Mud guard for core drills. 1,894,997; Jan. 24.
- Macready, George A., Los Angeles, Calif. Rotary core drill. 1,894,998; Jan. 24.
- Macready, George A., Los Angeles, Calif. Core barrel nose. 1,894,999; Jan. 24.
- Macready, George A., Los Angeles, Calif. Orientation core drill. 1,895,000; Jan. 24.
- Macready, George A., Los Angeles, Calif. Core drill. 1,895,001; Jan. 24.
- Macready, George A., Los Angeles, Calif. Obtaining samples from drilled wells. 1,896,492; Feb. 7.
- Macready, George A., Los Angeles, Calif. Apparatus for obtaining samples from drilled wells. 1,896,522; Feb. 7.
- Macready, George A., Los Angeles, Calif. Production tester. 1,921,472; Aug. 8.
- Macwhyte Company. (See Drew, James F., assignor.)
- Macy, Alfred J., Evanston, assignor to Baritone Radio Corporation, Chicago, Ill. Selective switching system. 1,898,305; Feb. 21.
- Macy, Alfred J., Evanston, assignor to Baritone Radio Corporation, Chicago, Ill. Electric switch. 1,934,368; Nov. 7.
- Macy, Burt H., Somerville, Mass. Lubricator for high speed elevators. 1,940,360; Dec. 19.
- Macy, Walter C., South Dartmouth, Mass. Sash latch. 1,901,974; Mar. 21.
- Madden, Edward J., Bridgeport, Conn. Brake operating tube. 1,900,511; Mar. 7.
- Madden, Edward J., Bridgeport, Conn. Brake cable tube. 1,900,512; Mar. 7.
- Madden, Edward J., Bridgeport, Conn. Brake. 1,911,634; May 30.
- Madden, Frank A., Salina, Kans. Coin-control mechanism. 1,935,036; Nov. 14.
- Madden, Frank E. (See Sanborn, Percy G., assignor.)
- Madden, Frank P., Los Angeles, Calif. Fly rod, fish-line guide. 1,937,972; Dec. 5.
- Madden, Jesse P., Brooklyn, N. Y. Traverse button. 1,895,196; Jan. 24.
- Madden, Jesse P., Rockville Center, N. Y. Ash receptacle. 1,920,091; July 25.
- Madden, Jesse P., Rockville Center, N. Y. Twisting guide. 1,935,476; Nov. 14.
- Madden, Leland S., Pleasantville, N. J. Portable desk top. 1,896,965; Feb. 7.
- Madden, William J., Lansdowne, Pa. Automatic filling device for oil reservoirs or the like. 1,922,383; Aug. 15.
- Madden, William J., Lansdowne, Pa. Apparatus for cooling passenger cars. 1,923,547; Aug. 22.
- Madden, William J., Lansdowne, Pa. Oil heating apparatus. 1,934,269; Nov. 7.
- Madden, William J., Lansdowne, Pa. Air distributing nozzle for railway cars. 1,935,647; Nov. 21.
- Madden, William J., Lansdowne, Pa. Method and apparatus for cooling and conditioning air in railway cars. 1,939,179; Dec. 12.
- Maddenford, Frank. (See Good, Herbert F., assignor.)
- Maddock, Joe H., Idaho Falls, Idaho. Football training dummy. 1,917,208; July 4.
- Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Cross member for vehicle frames. 1,903,638; May 9.
- Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Cross frame member. 1,928,942; Oct. 3.
- Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 1,908,434; May 9.
- Mader & Co. (See Barbezat, Fritz, assignor.)
- Mader, John P., La Crosse, Wis. Motor starting relay switch. 1,913,993; June 13.
- Made-Rite Manufacturing Co., The. (See Murasco, Joseph, assignor.)
- Madeyski, Juljan, assignor to Warszawska Spolka Akcyjna Budowy Parowozow, Warsaw, Poland. Regulating the superheater temperature of the steam in locomotive engines. 1,899,041; Feb. 28.
- Madick, William S., Kansas City, Mo. Corner metal slide strip. 1,912,533; June 6.
- Madill, Stanley M. (See Strandlund, C. G., and Madill.)
- Madill, Stanley M., assignor to Deere & Company, Moline, Ill. Plow. 1,912,039; May 30.
- Madine, John J., Cleveland, Ohio, assignor, by mesne assignments, to Flexlume Corporation, Tonawanda, N. Y. Electrode for discharge tubes. 1,904,154; Apr. 18.
- Madison-Kipp Corporation. (See Ahrensmeier, Arthur J., assignor.)
- Madison-Kipp Corporation. (See Coleman, Thomas E., assignor.)
- Madison-Kipp Corporation. (See Coles, Wilfred G., assignor.)
- Madison-Kipp Corporation. (See Erickson, John E., assignor.)
- Madison-Kipp Corporation. (See Hoffman, John R., assignor.)
- Madison-Kipp Corporation. (See Korsmo, Torbjorn C., assignor.)
- Madison, Peter K., Oak Harbor, and R. D. Smith, Helena, Ohio. Basket or similar container. 1,906,324; May 2.
- Madland, Gabriel, Chicago, Ill., assignor to Camel Company. Doorcheck means. 1,895,856; Jan. 31.
- Madland, Gabriel, assignor to Camel Company, Chicago, Ill. Door elevating mechanisms. 1,896,636; Feb. 7.
- Madland, Thorvald, assignor to Camel Company, Chicago, Ill. Door elevating construction. 1,898,582; Feb. 21.
- Madland, Thorvald, assignor to Camel Company, Chicago, Ill. Car door elevating mechanism. 1,898,583; Feb. 21.
- Madsen, Alfred W., and S. D. Gazzolo, assignors to National Carton Company, Joliet, Ill. Carton for cylindrical objects. 1,916,519; July 4.
- Madsen, Carl J. (See Campbell, W. H., Ellsworth, and Madsen.)
- Madsen, Jens A., Sioux City, Iowa. Water softener. 1,940,720; Dec. 26.
- Madsen, Peter N., Ardmore, Pa. Pocket for bathing and sporting garments. 1,922,855; Aug. 15.
- Madsen, Sern, assignor to Curtis Companies, Incorporated, Clinton, Iowa. Window frame and sash construction. 1,906,475; May 2.
- Madsen, Sern, assignor to Curtis Companies, Incorporated, Clinton, Iowa. Sash balance and weatherstrip structure. 1,909,698; May 16.
- Madsen, Sern, assignor to Curtis Companies Incorporated, Clinton, Iowa. Article of woodwork manufacture and method of preparing and packaging the same. 1,914,697; June 20.
- Madsen, Sern, assignor to Curtis Companies Incorporated, Clinton, Iowa. Window frame and wall joint construction. 1,935,037; Nov. 14.
- Madsen, Sern, assignor to Curtis Companies, Inc., Clinton, Iowa. Door structure. 1,939,999; Dec. 19.
- Madsen, Sern, assignor to G. L. and E. J. Curtis, and C. A. Armstrong, Clinton, Iowa. Miter joint. 1,940,000; Dec. 19.
- Madsen, Viggo, Paris, France. Bust-holder. 1,920,705; Aug. 1.
- Maechten, Lawrence G. (See Pengilly, J. H., Maechten, and Miller.)

- Maeda, Rinsai, Seattle, Wash. Tool for tightening wire fasteners over container covers. 1,915,682; June 27.
- Maeda, Tadashi, Sausalito, Calif. Meter movement. 1,929,984; Oct. 10.
- Maede, Leland S., Brooklyn, N. Y. Roasting coffee. 1,911,763; May 30.
- Maede, Leland S., San Francisco, Calif. Roasting coffee. 1,915,872; June 27.
- Maeder, Frederic, Adelaide, and B. M. W. Sims, Westbourne Park, South Australia, Australia; said Sims, assignor to said Maeder. Preparation for use in curling the hair. 1,933,021; Oct. 31.
- Maehler, Arthur E., Chicago, Ill. Industrial oven. 1,914,574; June 20.
- Mael, Earl E., assignor of one-half to A. Clyde, Pullman, Wash. Weeder and harrow. 1,908,377; May 9.
- Maes, Robert E., Beloit, Wis. Teat cup for milking machine. 1,896,321; Feb. 7.
- Mafera, Guy, Revere, Mass. Bending machine. 1,898,254; Feb. 21.
- Magazine Repeating Razor Company. (See Conner, Edward A., assignor.)
- Magazine Repeating Razor Company. (See Lashar, Walter B., assignor.)
- Magazine Repeating Razor Company. (See Schick, Jacob, assignor.)
- Magazine Repeating Razor Company, The. (See Schick, J., and Nadeau, assignors.)
- Magdeburger Werkzeugmaschinenfabrik Aktiengesellschaft. (See Möbius, Walter, assignor.)
- Magee Carpet Co., The. (See Homan, Ralph W., assignor.)
- Magee Carpet Co., The. (See McCollum, Alfred F., assignor.)
- Magee, Chauncey L. C., B. S. and R. S. Pfeiffer, assignors to Friction Devices Company, Chicago, Ill. Friction gripping device. 1,922,054; Aug. 15.
- Magee, James B., Nyack, N. Y. Attachment plug. 1,904,691; Apr. 18.
- Magee, James M., et al. (See Palmer, John V., assignor.)
- Magee, Raymond C., Buffalo, N. Y., assignor to American Ore Reclamation Company, Chicago, Ill. Sintering machine control. 1,934,986; Nov. 14.
- Mages, Morris, Maywood, Ill. Radio apparatus. 1,926,749; Sept. 12.
- Magie City Specialty Company. (See Boone, Charles G., assignor.)
- Magidson, Frank, Pittsburgh, Pa., assignor to Pittsburgh Tag Company. Safety ticket. 1,894,826; Jan. 17.
- Magidson, Frank, assignor to Pittsburgh Tag Company, Pittsburgh, Pa. Automatic machine for making marking tag clips. 1,894,880; Jan. 17.
- Magidson, Harry. (See Barth, S. E., and Magidson.)
- Magidson, Harry. (See Magidson, Joseph and H., and Barth.)
- Magidson, Joseph. (See Barth, S. E., and Magidson, assignors.)
- Magidson, Joseph, S. E. Barth and H. Magidson, New York, N. Y. Alternating windshield. 1,909,779; May 16.
- Magill-Weinsheimer Company. (See MacCourt, W. D., Walsh, and Rasmussen, assignors.)
- Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
- MaGill, P. H., Foundry and Furnace Works. (See MaGill, Willis J., assignor.)
- MaGill, Willis J., assignor to P. H. MaGill Foundry and Furnace Works, Bloomington, Ill. Boiler. 1,895,720; Jan. 31.
- Magis, Auguste, Paris, France, assignor to The Superheater Company, New York, N. Y. Boiler. 1,938,705; Dec. 12.
- Magnani, Alessandro, Casale, Monferrato, Italy. Manufacture of tubes from fibrous pulps. 1,898,881; Feb. 21.
- Magnavox Company, The. (See Atkinson, William H., assignor.)
- Magnavox Company, The. (See Armer, Austin, assignor.)
- Magnavox Company, The. (See Barrett, Joseph J., assignor.)
- Magnavox Company, The. (See Bartlett, Frederick P., assignor.)
- Magnavox Company, The. (See Pridham, Edwin S., assignor.)
- Magnavox Company, The. (See Tolerton, Ray E., assignor.)
- Magnesium Development Corporation. (See De Ridder, Ernst, assignor.)
- Magnesium Development Corporation. (See de Ridder, E., and Altkwicker, assignors.)
- Magnesium Development Corporation. (See Hiege, Karl, assignor.)
- Magnesium Development Corporation. (See Mond, Albert L., assignor.)
- Magnesium Development Corporation. (See Moschel, Wilhelm, assignor.)
- Magnesium Development Corporation. (See Schmidt, W., Bothmann, and Ruhrmann, assignors.)
- Magnesium Development Corporation. (See Schreiber, Gustav, assignor.)
- Magnesium Development Corporation. (See Suchy, R., Staib, and Moschel, assignors.)
- Magnesium Development Corporation. (See Wagner, Karl F., assignor.)
- Magnesium Development Corporation. (See Wood, Robert T., assignor.)
- Magnesium Production Co., The. (See Camescasse, Pierre, assignor.)
- Magnetic Analysis Corporation. (See Zuschlag, Theodor, assignor.)
- Magnetic Manufacturing Company. (See Harman, Harold W., assignor.)
- Magnetic Manufacturing Company. (See Stearns, Roswell H., assignor.)
- Magnetic Signal Co. (See Newton, Burkett D., assignor.)
- Magney, Gottlieb R., Minneapolis, Minn. Humidifier with series of diminishing cones. 1,912,210; May 30.
- Magney, Gottlieb R., Minneapolis, Minn. Humidifying unit with tube. 1,922,704; Aug. 15.
- Magnolia Petroleum Company. (See Hinckley, C. E., and Green, assignors.)
- Magnus, Henry C., Jamaica Plain, Mass. Washing machine. 1,898,676; Feb. 21.
- Magnuson, Carl A., and C. H. Uggla, Minneapolis, Minn. Combination table. 1,901,975; Mar. 21.
- Magnuson, Roy M., San Jose, Calif., assignor, by mesne assignments, to A. D. Cook, Inc., Lawrenceburg, Ind. Automatic oiling system for deepwell turbine pumps. Re18,995; Nov. 14.
- Magnuson, Thure J., Chicago, Ill., assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Chaplet. 1,893,425; Jan. 3.
- Magos, John P. (See Olson, C. A., and Magos, assignor.)
- Magos, John P., assignor to Crane Co., Chicago, Ill. Grate support. 1,939,358; Dec. 12.
- Magoun, George L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Pickling metals. 1,915,468; June 27.
- Magoun, George L., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Metal pickling process. 1,915,469; June 27.
- Magoun, George L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Rubber vulcanization accelerator. 1,917,804; July 11.
- Magoun, George L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Cleaning and preservation of metallic surfaces. 1,932,553; Oct. 31.
- Magrath, Arthur C. (See Freile, B., and Magrath.)
- Magrath, George H., Whitinsville, Mass. Bobbin clutch. 1,895,810; Jan. 31.
- Magrath, George H., Whitinsville, Mass. Bobbin clutch. 1,898,553; Feb. 21.
- Magrath, George H., Whitinsville, Mass. Bobbin clutch. 1,909,976; May 23.
- Magri, Abel A., Rochester, N. Y. Saw adapter. 1,905,482; Apr. 25.
- Magrini, Peter. (See Murphy, J. F., and Magrini.)
- Magusin, Frank, Hollywood, Calif., assignor to Baby Saver Company, Cincinnati, Ohio. Combined child's vehicle and support. 1,915,234; June 20.
- Magyar Rugszantárugyar Reszvenytársasag. (See Turchanyi, Ladislas, assignor.)
- Mahaffey, Richard, Myerstown, Pa. Grinding mill. 1,936,025; Nov. 21.
- Mahan, Charles B., Rochester, N. Y., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Stop light switch. 1,909,699; May 16.
- Mahan, Joseph R., assignor to The National Supply Company, Toledo, Ohio. Stroke regulating device for pull rods. 1,893,333; Jan. 3.
- Mahan, Joseph R., assignor to The National Supply Company, Toledo, Ohio. Pitman construction. 1,896,549; Feb. 7.
- Mahan, Joseph R., assignor to The National Supply Company, Toledo, Ohio. Hinged packing unit. 1,914,343; June 13.
- Mahannah, Alva, Sedgwick, Kans. Grain door. 1,900,244; Mar. 7.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Sheet metal container. 1,919,237; July 25.
- Mahieu, Paul, Paris, France. Apparatus for molding. 1,896,824; Feb. 7.
- Mahin, Edward G., South Bend, Ind. Carburizing iron or steel. 1,921,367; Aug. 8.
- Mahin, James F. (See Marshall, C. M., and Mahin.)
- Mahindra, Jagdish C., Calcutta, India. Lock. 1,922,897; Aug. 15.
- Mahle, Ernst, assignor to Elektronmetall G. m. b. H., Cannstatt, Stuttgart, Germany. Piston alloy. 1,940,629; Dec. 19.
- Mahler, George T. (See Bunce, E. H., Lentz, and Mahler.)
- Mahler, George T. (See Bunce, E. H., and Mahler.)
- Mahler, George T. (See Handwerk, E. C., and Mahler.)
- Mahlstedt, John F., New Rochelle, N. Y., and A. V. A. Felten, Pittsfield, Mass. Cedar board. 1,900,830; Mar. 7.
- Mahn, Herbert. (See Irion, W., and Mahn.)
- Mahnk, John A., Beaumont, Calif. Identification tag holder. Des. 39,284; Feb. 14.
- Mahny, James, assignor to the Firm Injecta A.-G., Spritzgusswerke, Teufenthal, Switzerland. Die-casting machine. 1,914,031; June 13.
- Mahon, Lloyd L., Topeka, Kans. Air conditioning plant. 1,937,238; Nov. 28.
- Mahon, R. C., Company, The. (See McCoy, Walter T., assignor.)
- Mahon, R. C., Company, The. (See Miller, William G., assignor.)

- Mahone, Francis D., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Separator for treated emulsions. 1,940,762; Dec. 26.
- Mahone, George A., Baltimore, Md. Radio system. 1,893,675; Jan. 10.
- Mahoney, Daniel M., Oakland, Calif. Washer. 1,928,182; Sept. 26.
- Mahoney, Edward L. (See Joyce, Maurice E., assignor.)
- Mahoney, John C., Elizabeth, N. J., assignor to Alco Products Incorporated, New York, N. Y. Apparatus for condensing hydrocarbons. 1,918,608; July 18.
- Mahoney, John P., assignor to Gardner Broom Company, Amsterdam, N. Y. Combination broom holder and dustpan. 1,893,426; Jan. 3.
- Mahoney, John P., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,901,662; Mar. 14.
- Mahoux, Georges, La Garenne, France. Treatment of metals and alloys. 1,939,712; Dec. 19.
- Mahrén, Carl L., Höganas, assignor to A.-B. Cema Multiple Drill Machine Co., Malmö, Sweden. Multiple drilling machine. 1,930,013; Oct. 10.
- Maibach, John J., assignor to Montgomery Ward & Company, New York, N. Y. Textile fabric or similar article. Des. 90,587; Aug. 29.
- Maibauer, Albert E., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Electric condenser. 1,937,490; Nov. 28.
- Maibohm, Harry C., Sandusky, Ohio. Variable electrical resistor and switch. 1,930,980; Oct. 17.
- Maier, August R. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier.)
- Maier, Charles, Racine, Wis. Safety mechanism for elevators. 1,924,506; Aug. 29.
- Maier, Charles G., Berkeley, assignor to T. B. Swift, Contra Costa County, Calif. Ore reduction process. 1,916,112; June 27.
- Maier, Frank, et al. (See Schmidt, Henry C., assignor.)
- Maier, Fred R., Kansas City, Mo. Boot tree. 1,902,251; Mar. 21.
- Maier, Gustav, Pforzheim, Germany. Device for producing imitation gems. 1,908,774; May 16.
- Maier, Karl, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Feeding mechanism for sewing machines. 1,899,816; Feb. 28.
- Maier, Karl, assignor to Union Special Maschinenfabrik G. m. b. H., Stuttgart, Germany. Combined hemmer and elastic strip guide for sewing machines. 1,916,058; June 27.
- Maier, Karl, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Blind stitch sewing machine. 1,917,726; July 11.
- Maier, Karl, assignor to Union Special Maschinenfabrik G. m. b. H., Stuttgart, Germany. Apparatus for forming enchainé stitching loops. 1,929,323; Oct. 3.
- Maier, Werner, Baden-Baden, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of starch. 1,901,109; Mar. 14.
- Mailey, Roy D., East Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Magnetically operated low resistance fluid flow switch. 1,897,485; Feb. 14.
- Maillard, Frederick G., Paris, France. Conversion of textile vegetable fibers into threads having the texture of wool. 1,921,935; Aug. 8.
- Maillard, Joseph E. B., Nogent-les-Roi, France. Distributing box for pastry and powdery products. 1,934,809; Nov. 14.
- Mailwin Mfg. Co. (See Anthony E., and Cropp, assignors.)
- Maimin, H., Company. (See Bangser, William, assignor.)
- Main, Andrew, assignor, by mesne assignments, to Cleveland Fare Box and Four-Way Lock Co., Cleveland, Ohio. Jail lock. 1,896,523; Feb. 7.
- Main, Andrew, assignor, by mesne assignments, to Cleveland Fare Box and Four-Way Lock Co., Cleveland, Ohio. Jail lock. 1,917,136; July 4.
- Main, Andrew, assignor, by mesne assignments, to Cleveland Fare Box and Four-Way Lock Co., Cleveland, Ohio. Universal lock mechanism. 1,929,985; Oct. 10.
- Main, Andrew, assignor, by mesne assignments, to Cleveland Fare Box and Four-Way Lock Co., Cleveland, Ohio. Lock mechanism. 1,934,938; Nov. 14.
- Main, Charles E., Euclid, Ohio. Cleaning device. 1,928,496; Sept. 26.
- Main, Frank L., Jackson, Mich., assignor, by mesne assignments, to Kelsey-Hayes Wheel Corporation. Disk wheel hub. 1,914,575; June 20.
- Main, John S., Wellington, Kans., assignor to Oil Reclamation Company. Purification of oil. 1,894,958; Jan. 24.
- Main, Norman S., Linlithgow, Scotland. Golf club. 1,901,562; Mar. 14.
- Main, Percy R., Haverhill, Mass. Ice cream storage cabinet. 1,929,074; Oct. 3.
- Maine Seaboard Paper Company. (See Bagley, F. C., and Silver, assignors.)
- Maine Seaboard Paper Company. (See Cram, Hervey G., assignor.)
- Maine Steel Products Company. (See Soule, George C., assignor.)
- Maine Steel Products Company. (See Soule, G. C., and Woodbury, assignors.)
- Maine, Vernon M., assignor to Rhineland Refrigerator Co., Rhineland, Wis. Water cooler. 1,918,767; July 18.
- Maine, Vernon M., assignor to Rhineland Refrigerator Co., Rhineland, Wis. Water cooler attachment for refrigerators. 1,936,517; Nov. 21.
- Mainland, John, La Porte, Ind., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company. Pick-up. 1,923,104; Aug. 22.
- Mainland, John, assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, La Porte, Ind. Control device. 1,934,193; Nov. 7.
- Mainland, John, and S. C. Nyberg, La Porte, Ind., assignors, by mesne assignments, to Allis-Chalmers Manufacturing Company. Header support. 1,914,698; June 20.
- Maintz, Wilhelm, assignor of one-fourth to J. De Long, Hellertown, Pa. Nut lock. 1,936,480; Nov. 21.
- Mairson, Irving W. (See Mairson, Robert A. and I. W.)
- Mairson, Robert A. and I. W., Kalamazoo, Mich. Color printing. 1,928,758; Oct. 3.
- Maisch, Jacques, New York, N. Y. Textile fabric or the like. Des. 88,884; Jan. 3.
- Maisch, Jacques, New York, N. Y. Textile fabric or the like. Des. 88,885; Jan. 3.
- Maisch, Jacques, assignor to H. R. Mallinson & Co., Inc., New York, N. Y. Scarf or similar article. Des. 89,203; Feb. 7.
- Maisch, Jacques, assignor to H. R. Mallinson & Co., Inc., New York, N. Y. Textile fabric or the like. Des. 89,779; May 2.
- Maisto, Colombo and L., Brooklyn, N. Y.; said Louis Maisto assignor to said Colombo Maisto. Collar button. 1,906,913; May 2.
- Maisto, Louis. (See Maisto, Colombo and L.)
- Maizuri, Guido, and R. F. Bossini, London, England, assignors, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating system. Re18,859; June 6.
- Maizuri, Guido, and R. F. Bossini, London, England, assignors, by mesne assignments, to Electrolux Servel Corporation. Absorption refrigerating system. 1,905,727; Apr. 25.
- Majewicz, Constanty, Dearborn, Mich. Vehicle wheel of the wire spoke type. Des. 88,975; Jan. 10.
- Majewski, Joseph M., jr., assignor to Foster L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit juicer. Des. 90,079; June 6.
- Majewski, Joseph M., jr., assignor to Foster L. Talge, operating as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 1,939,307; Dec. 12.
- Major, Harlan W., New York, N. Y. Fish lure. 1,913,282; June 6.
- Makenny, William, Mountain View, N. J., assignor to Westinghouse Lamp Company. Base feeding mechanism. 1,908,855; May 16.
- Makhonine, Ivan, Paris, France. Airplane with supporting surfaces of variable area. 1,938,148; Dec. 5.
- Makrugin, Herman, assignor to Louis Necho, Philadelphia, Pa. Detachable lift for the heel of a shoe. 1,895,469; Jan. 31.
- Malaresta, Pasquale. (See Manucci, D., Malatesta, and Sawtelle.)
- Malby, Seth G., Tenafly, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Making valve casings. 1,893,711; Jan. 10.
- Malby, Seth G., Tenafly, assignor to Aluminum Screw Machine Products Company, Edgewater, N. J. Bobbin. 1,926,729; Sept. 12.
- Malcolm, George, Old Greenwich, Conn., assignor to G. R. Kinney Co., Inc., New York, N. Y. Store front. Des. 90,328; July 18.
- Malcolm, George S., Auburn, Calif. Display card holder. 1,931,586; Oct. 24.
- Malcolm, Harry, Lombard, Ill. Copyholder. 1,931,767; Oct. 24.
- Malcolm, James A., Sheraden, and T. W. Wootton, Bellevue, Pa.; said Wootton assignor to said Malcolm. Apparatus for reproducing contours of surfaces. 1,904,623; Apr. 18.
- Malcolm, Joseph R., New York, N. Y. Process and apparatus for developing moving picture film. 1,898,783; Feb. 21.
- Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Metal alloy. 1,915,064; June 20.
- Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Creep resistant noncorrosive steel. 1,915,065; June 20.
- Malcolm, Vincent T., assignor to The Chapman Valve Manufacturing Company, Indian Orchard, Mass. Treating metal alloys. 1,929,392; Oct. 3.
- Malcom, Robert. (See Binder, George A., assignor.)
- Malcom, Robert, et al. (See Moran, J. L., and Lee, assignors.)
- Malcom, Robert, Chicago, Ill. Face protector. 1,904,993; Apr. 25.
- Malcom, Robert, Chicago, Ill. Goggles. 1,916,678; July 4.
- Malcom, Robert, Chicago, Ill. Goggle fastening means. 1,928,358; Sept. 26.
- Malebranche, Paul B., Terre Hill, Pa. Metallic wool pad. 1,933,745; Nov. 7.
- Malec, Anthony, Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Ejecting mechanism. 1,904,155; Apr. 18.
- Malenite Industries Limited. (See Green, Joshua, assignor.)
- Malerba, Robert. (See Conforti, M., and Malerba.)

- Maley, Thomas C., assignor to Ohmer Fare Register Company, Dayton, Ohio. Delivering means for printing machines. 1,932,629; Oct. 31.
- Malinite Products, Inc. (See Malinovszky, Andrew, assignor.)
- Malinovszky, Andrew, South Gate, assignor to Malinite Products, Inc., Los Angeles, Calif. Method and apparatus for manufacturing ceramic bodies. 1,940,554; Dec. 19.
- Malinowski, Felix, Brooklyn, N. Y. Folding table. 1,920,577; Aug. 1.
- Malishev, Boris, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacturing and refining mineral oils. 1,914,953; June 20.
- Malisoff, William M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil refining. 1,899,042; Feb. 28.
- Malivert, Jules E., assignor to The Society L'Accessoire De Precision, Levallois Perret, France. Hood latch. 1,915,192; June 20.
- Malke, Sven. (See Heineman, W. F., and Malke.)
- Malkin, Bernard A., assignor to Dominion Engineering Works, Limited, Lachine, Quebec, Canada. Vacuum paper drying machine. 1,915,432; June 27.
- Malkin, Bernard A., assignor to Dominion Engineering Works, Limited, Lachine, Quebec, Canada. Paper calendar pressure regulator. 1,934,233; Nov. 7.
- Malleable Iron Fittings Company. (See Pickop, George B., assignor.)
- Malleable Iron Fittings Company. (See Williams, Roland G., assignor.)
- Malleable Iron Range Company. (See Hofferbert, Orrin, assignor.)
- Malles, Ralph E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature control apparatus. 1,939,073; Dec. 12.
- Mallett, Montville B., Pittsfield, Mass., assignor to General Electric Company. Polyphase system. 1,894,827; Jan. 17.
- Mallett, Montville B., Pittsfield, Mass., assignor to General Electric Company. Transformer. 1,916,007; June 27.
- Mallette, Lyle K., and C. P. O'Keefe, assignors to A. H. Forger & Co., Los Angeles, Calif. Neon sign hook base. 1,930,840; Oct. 17.
- Malleval, Veuve F., nee Berthe Burlet, Paris, France. Decorating metals. 1,906,168; Apr. 25.
- Malleville, Jean P. M., Paris, France. Automatic tightening of fastening hoops. 1,910,116; May 23.
- Mallgraf, Ferdinand, Little Neck, N. Y. Bird house. 1,911,702; May 30.
- Mallgraf, Ferdinand, Little Neck, assignor to The American Tobacco Company, New York, N. Y. Display device. 1,905,895; Apr. 25.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic sound reproducer. 1,904,156; Apr. 18.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Turntable for phonographs. 1,904,490; Apr. 18.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording and reproducing system. 1,909,370; May 16.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time announcing machine. 1,926,876; Sept. 12.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph machine. 1,938,706; Dec. 12.
- Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phonograph recording machine. 1,939,072; Dec. 12.
- Mallinson, H. R., & Co. (See Heinke, Alfred J., assignor.)
- Mallinson, H. R., & Co. (See Maisch, Jacques, assignor.)
- Mallison, Harry D., Philadelphia, Pa., and E. G. Parvin, Roselle, N. J., assignors to National Pneumatic Company, New York, N. Y. Vehicle control for brake and door apparatus. 1,906,699; May 2.
- Mallory, Bonnie L., Cleveland Heights, assignor to The Cleveland Shock Absorber Company, Cleveland, Ohio. Shock absorber. 1,933,863; Nov. 7.
- Mallory, Edward B., Tenafly, N. J., assignor to The Climax Engineering Company, Clinton, Iowa. Refrigerating apparatus. 1,903,825; Apr. 18.
- Mallory, Edward B., Tenafly, N. J., assignor to The Climax Engineering Company, Clinton, Iowa. Refrigerating apparatus. 1,903,826; Apr. 18.
- Mallory, Edward B., Tenafly, N. J., assignor to The Climax Engineering Company, Clinton, Iowa. Refrigerating apparatus. 1,903,827; Apr. 18.
- Mallory, George W., Blenheim, Ontario, Canada. Broom holder. 1,925,767; Sept. 5.
- Mallory, Gerald D., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Breaker strip. 1,894,237; Jan. 10.
- Mallory, Gerald D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pneumatic tire and making same. 1,930,764; Oct. 17.
- Mallory Hat Company, The. (See Reynolds, Ralph K., assignor.)
- Mallory, Junius L., and J. V. Daniel, Boston, Mass. Window scaffold. 1,897,810; Feb. 14.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Ignition timer. 1,896,714; Feb. 7.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Ignition timing device for low speeds. 1,897,703; Feb. 14.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Spark retarding device. 1,897,704; Feb. 14.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Fuel and spark control for internal combustion motors. 1,908,551; May 9.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Variable air inlet for fuel intake passage. 1,909,777; May 16.
- Mallory, Marion, Toledo, Ohio, assignor to The Mallory Research Company. Ignition timing device. 1,926,781; Sept. 12.
- Mallory, P. R., & Co. (See Shoemaker, Harry, assignor.)
- Mallory, P. R., & Company. (See Weiger, Joseph A., assignor.)
- Mallory Research Company, The. (See Mallory, Marion, assignor.)
- Malloy, Paul V., West Newton, assignor to The Raytheon Production Corporation, Newton, Mass. Apparatus for and method of manufacturing glass stems. 1,935,248; Nov. 14.
- Malluk, Assad M., assignor to Standard Lock and Measure Corporation, New York, N. Y. Interchangeable tank lock. 1,938,918; Dec. 12.
- Malluk, Assad M., New York, and F. W. Allen, Sea Cliff, Long Island, N. Y. Fuel control apparatus for automobiles. 1,900,245; Mar. 7.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose acetate. 1,908,523; May 9.
- Malm, Carl J., and A. Andersen, assignors to Eastman Kodak Company, Rochester, N. Y. Production of low viscosity cellulose acetate. 1,908,524; May 9.
- Malm, Carl J., and J. D. Coleman, jr., assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose nitrate-acrylate. 1,917,380; July 11.
- Malm, Carl J., and C. L. Fletcher, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose nitrate-acrylates. 1,917,381; July 11.
- Malm, Carl J., and C. R. Fordyce, assignors to Eastman Kodak Company, Rochester, N. Y. Making mixed esters of cellulose. 1,928,652; Oct. 3.
- Malm, Carl J., Rochester, N. Y., and C. E. Waring, Dayton, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Making mixed cellulose esters. 1,933,815; Nov. 7.
- Malm, John F., assignor of one-half to F. A. Adkins, Chicago, Ill. Liquid dispensing meter. 1,901,178; Mar. 14.
- Malmquist, John W. (See Deen, James M., assignor.)
- Malmquist, John W. (See Shelton, Roy M., assignor.)
- Malmquist, John W., Aberdeen, S. Dak. Automobile trunk. 1,893,750; Jan. 10.
- Malmquist, John W., Aberdeen, S. Dak. Combined trunk and luggage carrier for automobiles. 1,893,751; Jan. 10.
- Malner, Frank, assignor to The Lincoln Electric Company, Cleveland, Ohio. Electrode holder. 1,927,270; Sept. 19.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Commercial Investment Trust Incorporated. Cigar handling machine. 1,905,728; Apr. 25.
- Malocsay, Francis X., Upper Saddle River, N. J., assignor, by mesne assignments, to Commercial Investment Trust Incorporated. Cigar handling machine. 1,906,700; May 2.
- Malone, Adolph W., Fillmore, Utah, assignor of one-half to A. H. Vestal, Anderson, Ind. Supporting and securing electric cables. 1,898,677; Feb. 21.
- Malone, Adolph W., Fillmore, Utah, assignor of one-third to A. H. Vestal, Anderson, Ind., and one-third to W. R. Bullard, New York, N. Y. Lightning arrester. 1,898,882; Feb. 21.
- Malone, Adolph W., Fillmore, Utah, assignor of one-half to A. H. Vestal, Anderson, Ind. Bracket for resiliently supporting electric cables. 1,929,700; Oct. 10.
- Malone, E. B. (See Norman, John E., assignor.)
- Malone, John M., Pittsburgh, Pa. Steam trap. 1,904,994; Apr. 25.
- Maloon, Earl B., Oakland, Calif., assignor, by mesne assignments, to American Tractor Equipment Co. Hydraulic apparatus. 1,908,614; May 9.
- Maloon, Earl B., assignor to Pacific Tractor Equipment Inc., Oakland, Calif. Scraper. 1,916,864; July 4.
- Maloon, Frederick V., assignor to James Sugden Company, Boston, Mass. Cable joint. 1,917,768; July 11.
- Malott, Clifton S., jr., Cincinnati, assignor to American Laundry Machinery Company, Cincinnati, Ohio. Heat reclaimers. 1,916,888; July 4.
- Malpass, Donald, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 1,922,251; Aug. 15.
- Malsbary, Job F., Fresno, Calif. Steam deflector and guard for dairy sinks. 1,904,743; Apr. 18.
- Malsch & Ambrohn. (See Turek, Johann, assignor.)
- Malthaner, Sylvester A., assignor to Erie Malleable Iron Company, Erie, Pa. Demountable rim wheel. 1,941,405; Dec. 26.
- Malvern, Edmund N., Quitman, G. C. Clary, Claremont, Mo., and W. W. Jones, Los Angeles, Calif. Handle for bags and sacks. 1,897,910; Feb. 14.

- Maly, Joseph, Old Bridge, N. J. Headlight. 1,915,193; June 20.
- Malzard, Herbert E., Portland, Maine, assignor to Hercules Coupling Company. Pipe or hose coupling. 1,910,706; May 23.
- Mambourg, Luke C., Lancaster, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for the production of sheet glass. 1,932,669; Oct. 31.
- Mammes, Raymond J., Los Angeles, assignor to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Reversible mat. 1,901,110; Mar. 14.
- Manahan, Edward H., Mountain Lake, N. J., and A. C. Johann, Richmond Hill, N. Y. Bleaching composition and process. 1,894,277; Jan. 17.
- Manahan, Muriel, assignor to Wechsler Silk Corporation, New York, N. Y. Textile fabric. Des. 89,780; May 2.
- Manassero, Giuseppe, New York, N. Y. Mechanical toy. 1,927,067; Sept. 19.
- Manaster, Ben B., Chicago, Ill. Collar clasp. Des. 90,493; Aug. 15.
- Manaster, Ben B., Chicago, Ill. Collar stay. 1,908,525; May 9.
- Manaster, Ben B., Chicago, Ill. Collar stay. 1,923,577; Aug. 22.
- Manaster, Ben B., Chicago, Ill. Clasp. 1,930,652; Oct. 17.
- Manchester, Merle L., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Press. 1,923,494; Aug. 22.
- Mancib, Alvin S., Somerville, assignor to J. S. Smyser, Brighton, Mass. Electrical apparatus. 1,897,134; Feb. 14.
- Mancib, Alvin S., Somerville, assignor to Comstock & Westcott, Inc., Boston, Mass. Regulator. 1,909,495; May 16.
- Mancib, Alvin S., Somerville, assignor to Comstock & Westcott, Inc., Boston, Mass. Valve. 1,914,270; June 13.
- Mancib, Alvin S., Somerville, assignor to Comstock & Westcott, Inc., Boston, Mass. Control apparatus. 1,917,893; July 11.
- Mancuso, Benjamin J., Batavia, N. Y. Cold air boot. 1,920,092; July 25.
- Mancuso, Benjamin J., Batavia, N. Y. Electric heating torch. 1,932,703; Oct. 31.
- Mancuso, John M., Utica, and T. Statti, Oneida, N. Y. Roughing wheel. 1,928,066; Sept. 26.
- Mandabach, Paul J., Chicago, Ill. Tooth powder dispenser. 1,922,967; Aug. 15.
- Mandelert, Charles L., Chippewa Falls, Wis. Hunting coat with detachable pocket. 1,905,235; Apr. 25.
- Mandelko, August W., jr., Fort Dodge, Iowa. Garden tool. 1,924,950; Aug. 29.
- Mandell Manufacturing Co. (See Davidson, Ellsworth L., assignor.)
- Mandernack, John F., Chicago, Ill. Support for printing plates and the like. 1,907,846; May 9.
- Mandlen, Hans, Gaisenheim, and H. Huber, assignors to the Firm Chemische Werke vorm- H. & E. Albert, Wiesbaden-Biebrich, Germany. Producing or regenerating alkali-carbonates from alkaline phosphate-solutions. 1,897,705; Feb. 14.
- Mandler, Eugen, assignor to the Firm Climax Motorenwerke und Schiffswerft Linz A. G., Vienna, Austria. Multicylinder internal combustion engine. 1,903,719; Apr. 11.
- Manegold, Robert A., Milwaukee, Wis. Detecting metal particles in sheet material. 1,897,731; Feb. 14.
- Maneval, Charles H., assignor to Standard Novelty Works, Duncannon, Pa. Sled construction. 1,909,062; May 16.
- Maney, Thomas, Louisville, Ky. Guard rail fastener. 1,939,560; Dec. 12.
- Manfra, Louis, New York, N. Y. Heel. 1,936,637; Nov. 28.
- Mangan, George B., Washington, D. C., assignor to Westinghouse Electric & Manufacturing Company. Expulsion fuse. 1,905,236; Apr. 25.
- Manganiello, Thomas. (See Sabatine, Fred D., assignor.)
- Manger, Charles F. (See Bentley, P. A., Manger, and Wainwright.)
- Manger, Charles F. (See Bentley, P. A., Manger, Wainwright, and Buswell.)
- Mangiameli, Francesco, Dusseldorf, Germany. Apparatus for mixing gases. 1,896,092; Feb. 7.
- Mangin, James, assignor to New Brunswick Electric Supply Company, New Brunswick, N. J. Adjustable cross-bar or strap for electric fixtures. 1,906,197; Apr. 25.
- Mangold, Rudolf, Longmeadow, Mass., assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Variable coupling. 1,922,596; Aug. 15.
- Manhan, John, assignor to A. B. C. Metal Corp., New York, N. Y. Weather strip. 1,904,491; Apr. 18.
- Manhard, Mitchell S., San Francisco, Calif. Display device. 1,899,284; Feb. 28.
- Manhattan Electrical Supply Company, Inc. (See Hendry, William F., assignor.)
- Manhattan Rubber Manufacturing Division of Raybestos-Manhattan, Inc., The, et al. (See Kuzmick, Joseph N., assignor.)
- Manheimer, Arthur E., assignor, by mesne assignments, to Lug-Less Watch Company, Chicago, Ill. Strap watch. 1,899,285; Feb. 28.
- Manicke, Ruby L., assignor of fifty one-hundredths to H. F. Johns, jr., and five one-hundredths to L. N. Smyth, Kansas City, Mo. Baking pan. 1,913,337; June 6.
- Manierre, George, Milwaukee, Wis. Loading machine. 1,923,836; Aug. 22.
- Manierre, George, Milwaukee, Wis. Articulated chute. 1,934,939; Nov. 14.
- Manikowske, Ethel P. (See Manikowske, G., Feneis, and Manikowske, assignors.)
- Manikowske, George, Minneapolis, Minn., and G. Feneis and W. Manikowske, Mooreton, N. Dak., assignors to E. P. Manikowske, Minneapolis, Minn. Wind electric plant. 1,894,357; Jan. 17.
- Manikowske, Wallace. (See Manikowske, G., Feneis, and Manikowske.)
- Manion, Allen E., Miami, Fla. Blower. 1,936,557; Nov. 21.
- Maniscalco, Pietro, Chicago, Ill. Compressed air power unit. 1,940,960; Dec. 26.
- Manken, Otto H., assignor to The Jeffery Manufacturing Company, Columbus, Ohio. Air lift transfer device. 1,930,608; Oct. 17.
- Manley Manufacturing Company, The. (See Green, Earl F., assignor.)
- Manley, Robert E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 1,929,821; Oct. 10.
- Mann, Carl, Munich, Germany. Process and device for cleaning precious metals, especially silver. 1,941,040; Dec. 26.
- Mann, Cecil A., assignor to Frigidaire Corporation, Dayton, Ohio. Coating process and apparatus. 1,902,654; Mar. 21.
- Mann, Eric, Chicago, Ill. Antirattler for window sashes. 1,938,149; Dec. 5.
- Mann, George S., Los Angeles, Calif. Adjustable pipe coupling. 1,938,035; Dec. 5.
- Mann, Harry, Monticello, assignor to W. B. Hurlburt, New York, N. Y. Automatic cigarette lighter. 1,927,800; Sept. 19.
- Mann, Ira C. W., assignor to Reo Motor Car Company, Lansing, Mich. Process or method of casting. 1,938,707; Dec. 12.
- Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Rotary pump. 1,927,799; Sept. 19.
- Mann, Joseph. (See Cooper, G. C., and Mann.)
- Mann, Joseph, et al. (See MacKenzie, Philip, assignor.)
- Mann, Leo, assignor to H. D. Peck, Providence, R. I. Heat-producing compound. 1,901,313; Mar. 14.
- Mann, Matthew D., jr., Roselle, and F. M. Archibald, Elizabeth, N. J., assignors to Standard Oil Development Company. Method and apparatus for cooling filter and recovering retained oil from clay. 1,915,433; June 27.
- Mann, Paul L., assignor to Consolidated Wire & Associated Corporations, Chicago, Ill. Sealed wire roll and making same. 1,941,098; Dec. 26.
- Mann, Robert, et al. (See MacKenzie, Philip, assignor.)
- Mann, Walter J., Plainfield, N. J., assignor to General Conveyors Limited, Montreal, Canada. Belt conveyer. 1,907,989; May 9.
- Mann, William F. H., New York, N. Y. Alarm for typewriters. 1,904,744; Apr. 18.
- Mannich, Carl U. F., Berlin-Steglitz, Germany. Crystallized digitalis glucoside and producing the same. 1,898,199; Feb. 21.
- Manning & Co. (See Ayer, Robert W., assignor.)
- Manning & Co. (See Ayer, R. W., and Irvine, assignors.)
- Manning & Co. (See Leamy, Alan H., assignor.)
- Manning & Co. (See Palmer, Richard E., assignor.)
- Manning & Co. (See Schonitzer, Rudolph I., assignor.)
- Manning & Co. (See Snow, Herbert C., assignor.)
- Manning & Co. (See Van Ranst, Cornelius W., assignor.)
- Manning, Edward and R. A., assignors to Manning Manufacturing Company, Incorporated, Rutland, Vt. Automatic capping machine. 1,939,126; Dec. 12.
- Manning, Ernest W. (See Martin, J. W., and E. W. and J. A. Manning.)
- Manning, Harry W., et al. (See Martin, J. W., and E. W. and J. A. Manning, assignors.)
- Manning, Jess A. (See Martin, J. W., and E. W. and J. A. Manning.)
- Manning, Joseph A., Pawtucket, R. I. Eye mounting for dolls. 1,903,549; Apr. 11.
- Manning, Louis D., Alameda, Calif. Paper fastener. 1,914,699; June 20.
- Manning Manufacturing Company. (See Manning, Edward and R. A., assignors.)
- Manning, Margia, Houston, Tex. Apparatus for cementing wells. 1,941,406; Dec. 26.
- Manning, Maxwell & Moore, Inc. (See Fickett, Ernest L., assignor.)
- Manning, Neva, Chicago, Ill. Eyelash curler. 1,925,266; Sept. 5.
- Manning, Paul, West Springfield, Mass. Chemical composition. 1,907,424; May 9.
- Manning, Paul D. V. (See Peables, D. D., and Manning.)
- Manning, Ralph F., Medford, Mass. Table ornament. Des. 89,546; Mar. 28.
- Manning, Roy A. (See Manning, Edward and R. A.)
- Manning, Sanford E., assignor to The R. S. M. Company, Inc., Houston, Tex. Apparatus and process for cementing wells. 1,910,442; May 23.
- Manning, Timothy C., Kansas City, Mo. Apparatus for treating material. 1,928,903; Oct. 3.
- Manning, William H. (See Summers, C. E., and Manning.)
- Manning, William H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Making connecting rods. 1,905,925; Apr. 25.

- Manning, William H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Valve guide. 1,916,520; July 4.
- Manny, Raymond A., and J. A. Rielly, New York, N. Y. Bloomers. 1,926,911; Sept. 12.
- Man-O-Lamp Corporation. (See Baetz, Walter, assignor.)
- Manos, George, assignor of one-half to A. C. Floros, New York, N. Y. Spelling game-board. Des. 89,781; May 2.
- Manrodt, Kurt, Newark, N. J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Time governed circuit controlling mechanism. 1,916,485; July 4.
- Mansel, Paul, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Automatic control mechanism. 1,916,624; July 4.
- Mansel, Paul, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Perforating machine. 1,936,201; Nov. 21.
- Mansfield, Arthur L., assignor to The E. Ingraham Company, Bristol, Conn. Watch. 1,903,003; Mar. 28.
- Mansfield, Arthur L., assignor to The E. Ingraham Company, Bristol, Conn. Retaining device. 1,925,671; Sept. 5.
- Mansfield, James T., Pittsburgh, Pa. Scaffolding. 1,918,116; July 11.
- Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Tie adzing machine. 1,930,365; Oct. 10.
- Mansfield, Ralph G., La Salle, N. Y., assignor to Union Carbide Company. Electric furnace. 1,922,312; Aug. 15.
- Manske, Fred A., assignor to The United States Gypsum Co., Chicago, Ill. Expanded metal corner bead. 1,907,990; May 9.
- Manske, Fred A., E. W. Odenwaldt, and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Roof and floor construction. 1,900,721; Mar. 7.
- Manske, Fred A., E. W. Odenwaldt, and O. E. Gibson, assignors to United States Gypsum Company, Chicago, Ill. Method of and machine for forming metal plates. 1,900,722; Mar. 7.
- Manson Chemical Company. (See Lodge, William C., assignor.)
- Manson Chemical Company. (See Manson, George J., assignor.)
- Manson, Frank G., Dayton, Ohio. Flying suit. 1,896,183; Feb. 7.
- Manson, George J., Hawkesbury, Ontario, Canada. Heated die for drying fibrous articles. 1,924,409; Aug. 29.
- Manson, George J., Hawkesbury, Ontario, Canada, assignor, by mesne assignments, to Manson Chemical Company, Montclair, N. J. Waterproofing paper. 1,894,566; Jan. 17.
- Manson, George J., Hawkesbury, Ontario, Canada, assignor, by mesne assignments, to Manson Chemical Company, Montclair, N. J. Fibrous product. 1,894,567; Jan. 17.
- Manson, George J., Hawkesbury, Ontario, Canada, assignor, by mesne assignments, to Mansons Chemical Company, Montclair, N. J. Waterproofing fibrous products. 1,894,959; Jan. 24.
- Manson, Leon B., Corona, N. Y. Electrical illuminating device. 1,933,511; Oct. 31.
- Manson, Ralph H., assignor to Hubbard & Company, Pittsburgh, Pa. Sucker rod joint and making the same. 1,930,346; Oct. 10.
- Manson, Ray H., and V. M. Graham, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Remote control radio receiving system. 1,926,393; Sept. 12.
- Mansons Chemical Company. (See Manson, George J., assignor.)
- Mansur, Clarence W. (See Richardson, H. M., and Mansur.)
- Mansure, Arthur J., Detroit, Mich., assignor to The Bristol Company, Waterbury, Conn. Automatic temperature or pressure controller. 1,914,576; June 20.
- Mantelet et Boucher (Societe en nom Collectif). (See Mantelet, Jean, assignor.)
- Mantelet, Jean, assignor to Mantelet et Boucher (Societe en nom Collectif), Bagnole, France. Masher. 1,921,936; Aug. 8.
- Mantell, Charles L., Brooklyn, assignor to Dudzele Corporation of America, New York, N. Y. Removing lead from tubes and other articles. 1,918,817; July 18.
- Manter, Franklin H., assignor to Lister Bros., Inc., New York, N. Y. Sugar-free confection and making the same. 1,930,527; Oct. 17.
- Mantle, Joseph G. C., Leonia, N. J. Diaphragm pump. 1,915,832; June 27.
- Mantle, Joseph G. C., Leonia, N. J. Diaphragm pump. 1,915,833; June 27.
- Mantle, Joseph G. C., Leonia, N. J. Diaphragm pump. 1,926,208; Sept. 12.
- Mantle Lamp Company of America, The. (See Baker, J. S., and Cunningham, assignors.)
- Mantle Lamp Company of America, The. (See Davis, C. W., assignor.)
- Mantle Lamp Company of America, The. (See Davis, C. W., and Becker, assignors.)
- Mantle Lamp Company of America, The. (See Engh, Walter B., assignor.)
- Mantle Lamp Company of America, The. (See Engh, W. B., and Davis, assignors.)
- Mantle Lamp Company of America, The. (See Fairchild, Alice M., assignor.)
- Mantle Lamp Company of America, The. (See Mathon, Napoleon F., assignor.)
- Mantle Lamp Company of America, The. (See Rathburn, Emory L., assignor.)
- Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
- Mantz, Aloysius F., Los Angeles, Calif. Spring sash balance. 1,898,584; Feb. 21.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostat. 1,919,473; July 25.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Heat regulator. 1,938,187; Dec. 5.
- Manucci, Daniel, P. Malatesta and W. C. Sawtelle, Erie, Pa. Tube puller. 1,897,561; Feb. 14.
- Manuel, Charles J., LaCrosse, Wis., assignor, by mesne assignments, to Moto Meter Gauge & Equipment Corporation, Long Island City, N. Y. Bourdon lever type of pressure gauge. 1,904,492; Apr. 18.
- Manufacture Generale Metallurgique, Societe Anonyme. (See Mautsch, Robert, assignor.)
- Manufacturers Equipment Company, The. (See Sachs, W. H., and Voris, assignors.)
- Manvell, Edwin H., et al. (See Manvell, Edwin H., assignor.)
- Manvell, Edwin H., assignor to E. H. Manvell and L. Casper, Brooklyn, N. Y. Tape moistening and affixing device. 1,900,121; Mar. 7.
- Manville, Henrietta P., New Haven, assignor to The Goodyear's India Rubber Glove Mfg. Co., Naugatuck, Conn. Sandal. 1,908,433; May 9.
- Manville Jencks Company. (See Lockhart, George R., assignor.)
- Manville, Keith R., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Self-oiling differential. 1,913,842; June 13.
- Manx, Adam J., Chicago, Ill. Slicing machine. 1,930,816; Oct. 17.
- Manz, Christian W., Buffalo, N. Y. Manhole protector. 1,908,909; May 16.
- Manz, Edwin J., New York, N. Y. Remote control apparatus for radio circuits. 1,896,550; Feb. 7.
- Manzitto, Joe, Omaha, Nebr. Electric heater. 1,906,169; Apr. 25.
- Mapes Consolidated Manufacturing Company. (See DeReamer, William J., assignor.)
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Recoil preventing safety cap. Re18,839; May 23.
- Mapes, Daniel, Upper Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Discharge control means for stored pressure medium containers. 1,919,149; July 18.
- Mapes, Daniel, Mamaroneck, assignor to Walter Kidde & Company, Inc., New York, N. Y. Selective fire extinguishing system. 1,912,458; June 6.
- Mapes, Daniel, Mamaroneck, assignor to Walter Kidde & Company, Inc., New York, N. Y. Cutter valve for release of fluids. 1,921,831; Aug. 8.
- Maple City Rubber Company. (See Martin, Claude V., assignor.)
- Maple, Roy H., Indianapolis, Ind., assignor, by mesne assignments, to I-T-E Circuit Breaker Co. Self-soldering circuit breaker. Re18,784; Apr. 4.
- Maple, Roy H., Indianapolis, Ind., assignor, by mesne assignments, to I-T-E Circuit Breaker Co. Thermostatic circuit breaker. Re18,816; May 2.
- Mapson, Leslie W., and J. T. MacCurdy, Cambridge, and H. O. Nolan, assignors to Cambio Products Limited, London, England. Extracting oil from animal tissue and the lipid substances by papain digestion. 1,922,484; Aug. 15.
- Mapson, Robert L. (See Blood, H. E., Buchanan and Mapson.)
- Mapson, Robert L., assignor of one-third to J. W. Miller and one-third to K. A. Danielson, Los Angeles, Calif. Display counter apparatus. 1,911,377; May 30.
- Maraniss, Rebecca S., assignor to S. Shapiro Co. Inc., New York, N. Y. Textile fabric or the like. Des. 89,669; Apr. 18.
- Maranville, Alger G., assignor to The General Tire & Rubber Company, Akron, Ohio. Airplane landing wheel. 1,901,759; Mar. 14.
- Maras, Frank, H. Maras, and E. Komarek, Long Island City, N. Y. Liquid level gauge. 1,938,079; Dec. 5.
- Maras, Hynek. (See Maras, Frank and H., and Komarek.)
- Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Loading apparatus for proofer. 1,922,856; Aug. 15.
- Marateck, Jacob M., New York, N. Y. Electric keyless lock. 1,938,150; Dec. 5.
- Marathon Battery Company. (See McEachron, E. J., and Johnson, assignors.)
- Marathon Company. (See Whittaker, Frederick A., assignor.)
- Marathon Paper Mills Company. (See Lyon, R. F., and Christman, assignors.)
- Marathon Paper Mills Company. (See MacLaurin, James D., assignor.)
- Marathon Paper Mills Company. (See Willauer, William R., assignor.)
- Marbach, Edward R., Cleveland, Ohio. Yielding stop. 1,918,652; July 18.

- Marbach, Edward R., and G. F. Cavanagh, assignors to The Ohio Rubber Company, Cleveland, Ohio. Making steering wheels. 1,905,926; Apr. 25.
- Marbach, Fritz, St. Mandé, assignor to Ernest Mabille, Paris, France. Cash register. 1,911,520; May 30.
- Marbelite Corporation of America. (See Waggoner, Ralph, assignor.)
- Marble, Louis M., Canton, Pa. Garment hanger. 1,911,703; May 30.
- Marburg, Francis, Yonkers, N. Y. Primary combustion or explosion device for internal-combustion engines. 1,939,180; Dec. 12.
- Marbury, Ralph E., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Illumination apparatus. 1,940,872; Dec. 26.
- Marbury, Thomas K., Memphis, Tenn. Defrosting semi-automatically individual refrigerators and refrigerators in multiple installations. 1,935,038; Nov. 14.
- Marcel, François R., Brooklyn, N. Y. Curling iron. 1,893,503; Jan. 10.
- Marcel, François R., Brooklyn, N. Y. Permanent waving device. 1,894,624; Jan. 17.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Temperature measurement. 1,894,109; Jan. 10.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Temperature measurement. 1,894,110; Jan. 10.
- Marcellus, Frederick S., Scotia, N. Y., assignor to General Electric Company. Light beam instrument. 1,894,111; Jan. 10.
- Marcellus, Fredrick S., and M. A. Rusher, Scotia, N. Y., assignors to General Electric Company. Oscillograph. 1,906,476; May 2.
- March Construction Co. (See Wirt, Harry M., assignor.)
- March, Peter J., Las Vegas, Nev. Spring hinge. 1,912,289; May 30.
- Marchand, Adolph, Jackson Heights, N. Y. Illuminated mirror cabinet. 1,918,047; July 11.
- Marchand, Eugene M., assignor to The New Departure Manufacturing Company, Bristol, Conn. Fused disconnecting plug. 1,930,594; Oct. 17.
- Marchand, Eugene W. (See Newman, T. P., and Marchand.)
- Marchand, Georgia, St. Cloud, Minn. Heated roller device for facial treatment. 1,911,027; May 23.
- Marchant Calculating Machine Company. (See Friden, Carl M. F., assignor.)
- Marchant Calculating Machine Company. (See Lerch, Gustav, assignor.)
- Marchant, Guy O., et al. (See Walker, J. P.)
- Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
- Marchese, John, and W. R. Eames, assignors to Guards Inc., Portland, Ore. Thermostatic control device. 1,917,658; July 11.
- Marchese, Paul, Norristown, Pa. Reciprocating cradle. 1,909,204; May 16.
- Marchese, Salvatore, Brooklyn, and J. Mirenda, New York, N. Y. Remote control for radio receiving sets. 1,911,086; May 23.
- Marchetti, Christoph, Chicago, Ill. Toy. 1,900,353; Mar. 7.
- Marchio, Phillip, North Adams, Mass. Banana extractor and ice cream injector. 1,917,137; July 4.
- Marchisella, Vincenzo, New York, N. Y. Shoe booth foot rest. 1,900,653; Mar. 7.
- Marciano, Frank G., assignor to Universal Optical Corporation, Providence, R. I. Eyeglass frame. 1,924,951; Aug. 29.
- Marcl, Aldore F., Woonsocket, R. I. Chain tightening device. 1,929,026; Oct. 3.
- Marcon, René. (See Simon, L., and Marcon.)
- Marconi's Wireless Telegraph Company. (See Round, Henry J., assignor.)
- Marcoux, Joseph R., Charny, Quebec, Canada. Steam distributor. 1,932,349; Oct. 24.
- Marcroft, William, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Bunch-builder for winding and like machines. 1,915,194; June 20.
- Marcum, Arthur I., Oakland, Calif. Front axle drive. 1,899,240; Feb. 28.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Vehicle driving mechanism. 1,924,646; Aug. 29.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Flexible suspension for multiwheel vehicles. 1,928,860; Oct. 3.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Road vehicle construction. 1,930,207; Oct. 10.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Springless multiwheel vehicle suspensions. 1,930,208; Oct. 10.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Automotive vehicle. 1,932,417; Oct. 31.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments to Automotive Engineering Corporation. Steering mechanism for multiwheel road vehicles. 1,933,674; Nov. 7.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Torque-resisting arrangement for multiwheelers. 1,933,675; Nov. 7.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Tandem axle steering and torque resisting arrangement. 1,935,746; Nov. 21.
- Marcum, Arthur I., Oakland, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Compensating suspensions for multi-wheel vehicles. 1,940,914; Dec. 26.
- Marcum, George, Cincinnati, Ohio. Bottle closure. 1,912,084; May 30.
- Marcus, Charles, New York, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,922,037; Aug. 15.
- Marcus, Jacob, Brooklyn, N. Y. Cloth construction. 1,928,838; Oct. 3.
- Marcus, Luis J., et al. (See Smith, Ernest L., assignor.)
- Marcus, Samuel, Belle Harbor, assignor to Margon Corporation, New York, N. Y. Doll and mouth set for same. 1,916,578; July 4.
- Marcus, Samuel S. (See Krakauer, S., and Marcus.)
- Marcuse, Moses M., New York, N. Y., assignor to West Disinfecting Company. Package vender. 1,913,843; June 13.
- Marcy, Grosvenor D., Newton Highlands, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,919,794; July 25.
- Marcy, Willard A., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 1,923,447; Aug. 22.
- Marczukowski, Alexander, South Boston, Mass. Curtain fixture. 1,916,679; July 4.
- Marden, John W., East Orange, N. J., assignor to Westinghouse Lamp Company. Electron discharge device. 1,905,035; Apr. 25.
- Marden, John W., and E. A. Lederer, East Orange, N. J., assignors to Westinghouse Lamp Company. Electron emission device. 1,905,034; Apr. 25.
- Marden, John W., and H. C. Rentschler, East Orange, N. J., assignors to Westinghouse Lamp Company. Ultraviolet lamp. 1,917,848; July 11.
- Marden, William L., Elmhurst, assignor to Neptune Meter Company, New York, N. Y. Register box for fluid operated mechanisms. 1,899,043; Feb. 28.
- Marden, William L., Elmhurst, assignor to Neptune Meter Company, New York, N. Y. Auxiliary gear mechanism for meter transmission. 1,913,494; June 13.
- Marder, Leo, Brooklyn, N. Y. Hand mirror. Des. 90,329; July 18.
- Marder, Leo, Brooklyn, N. Y. Hand mirror. Des. 90,330; July 18.
- Marder, Leo, Brooklyn, N. Y. Hand mirror. Des. 90,331; July 18.
- Marder, Walter S., Plainfield, N. J. Savings bank recording machine. 1,910,400; May 23.
- Mardersteck, Karl W. (See Shanor, E. E., and Mardersteck.)
- Marek, Anton, Vienna, Austria, assignor to the Firm Československa Zbrojovka Akciová Společnost v Brně, Brunn, Czechoslovakia. Braking device. 1,896,454; Feb. 7.
- Marek, Anton, Vienna, Austria, assignor to the Firm Československa Zbrojovka Akciová Společnost v Brně, Brunn, Czechoslovakia. Automatic firearm. 1,906,800; May 2.
- Marek, John I., assignor to the Firm Carbonfix Société, Paris, France. Manufacture of a coal substitute. 1,904,833; Apr. 18.
- Marelli, Angelo, Milan, Italy. Grated cheese basin with automatic opening and shutting device. 1,938,527; Dec. 5.
- Mares, Joseph R., St. Louis, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of halogenated aromatic compounds. 1,935,648; Nov. 21.
- Margles, Samuel G. (See Crabbe, G. N., and Margles.)
- Margolin, Julius. (See Starr, Jacob, assignor.)
- Margolis, Mortimer H., Mamaroneck, N. Y. Tag. 1,917,989; July 11.
- Margon Corporation. (See Grubman, Leo J., assignor.)
- Margon Corporation, The. (See Grubman, L. J., and Wilhelm, assignors.)
- Margon Corporation. (See Konoff, Alexander, assignor.)
- Margon Corporation. (See Marcus, Samuel, assignor.)
- Margon Corporation. (See Wilhelm, John H., assignor.)
- Marguglio, Christopher, New York, N. Y. Reaction propulsion means. 1,918,277; July 18.
- Mariani, Paul, New York, N. Y. Shoe heel ornament. 1,903,004; Mar. 28.
- Marianvalle, Albert, Malakoff, France. Vibrating blade rectifier. 1,941,407; Dec. 26.
- Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 1,915,543; June 27.
- Marinello Company. (See Van Kirk, Howard R. A., assignor.)
- Mariner & Hoskins, Inc. (See Darling, Elton R., assignor.)
- Mariner, Lawrence J., assignor to R. G. Wright & Company, Buffalo, N. Y. Heater. 1,899,581; Feb. 28.
- Mariner, Lawrence J., assignor to R. G. Wright & Co., Buffalo, N. Y. Bottle capping mechanism. 1,912,906; June 6.
- Marino, Sabato, and A. Chalmers, Brooklyn, N. Y. Cigar-cutting device. 1,935,408; Nov. 14.

- Marion, Philip P., San Francisco, Calif. Wall unit for a store interior. Des. 89,902; May 16.
- Marion Steam Shovel Company, The. (See Divney, J. J., and Jacoby, assignors.)
- Marion Steel Shovel Company, The. (See Fundom, Earl H., assignor.)
- Marion Steam Shovel Company, The. (See Jacobs, Henry S., assignor.)
- Marion Steam Shovel Company, The. (See Schmeltzer, John E., assignor.)
- Mariotti, Joseph J., assignor to Dapratto Statuary Company, Chicago, Ill. Tabernacle. 1,924,365; Aug. 29.
- Maris, Harry B., Riverdale, Md. Television scanning disk. 1,893,676; Jan. 10.
- Maris, Harry B., Washington, D. C. Illuminated telescope sight. 1,931,552; Oct. 24.
- Mark, Clayton & Company. (See Sykes, Wilfred, assignor.)
- Mark, H. W. (See Gray, Harry M., assignor.)
- Mark, Hermann, and M. Dunkel, Mannheim, and E. Roell, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Carrying out frielid crafts and similar condensation reactions with nonaromatic compounds. 1,899,582; Feb. 28.
- Mark, Hermann, Manheim, and H. Hopff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of products having high stability to attrition from rubber materials. 1,929,373; Oct. 3.
- Markel Electric Products, Inc. (See McFadden, Glenn E., assignor.)
- Markel, Lawrence L. (See Swanson, E. R., and Markel.)
- Marker, Charles E., assignor to Chrysler Corporation, Detroit, Mich. Forming separable plated coatings on metal surfaces. 1,924,410; Aug. 29.
- Markert, Lawrence L., London, Ontario, Canada. Positive acting valve. 1,927,609; Sept. 19.
- Markese, James. (See Thompson, E. J., and Markese.)
- Markey, George T., assignor to James Manufacturing Company, Fort Atkinson, Wis. Heating system for incubators. 1,939,908; Dec. 19.
- Markham, Byron, Martinez, Calif. Automatic differential for four-wheel attachments. 1,894,698; Jan. 17.
- Marking, Elmer J., Louisville, Ky. Grease trap. 1,936,026; Nov. 21.
- Markkuila, Victor, Aberdeen, Wash. Hose reel and drier. 1,918,768; July 18.
- Markle, Jacob E., Nashville, Tenn. Game device. 1,929,147; Oct. 3.
- Markle, Mathew G., Oak Park, Ill. Valve tag. 1,894,381; Jan. 17.
- Markle, Matthew G., and J. W., Leeming, Chicago, Ill. Testing device. 1,931,502; Oct. 24.
- Markle, Matthew G., Lake Bluff, Ill. Making pipe extensions. 1,933,117; Oct. 31.
- Markoff, William. (See Brosilow, L., Markoff, and Orosz.)
- Markowsky, Alfred, Woodbridge, N. J. Method and compound for repelling insects. 1,924,507; Aug. 29.
- Marks, Alexander A., Philadelphia, Pa. Gas boiler. 1,898,585; Feb. 21.
- Marks, Earl, assignor of one-half to B. Love, Sioux Lookout, Ontario, Canada. Hose winder. 1,915,632; June 27.
- Marks, Edward S., assignor to Franklin Development Corporation, Syracuse, N. Y. Air cooled internal combustion engine. 1,910,346; May 23.
- Marks, Herbert E., Sewickley, Pa., assignor to United States Gypsum Company, Chicago, Ill. Slab floor or roof construction. 1,902,565; Mar. 21.
- Marks, Herbert E., Sewickley, Pa., assignor to United States Gypsum Company, Chicago, Ill. Slab floor or roof construction. 1,912,290; May 30.
- Marks, Isidore J., New York, N. Y., assignor to E. S. Mendelson & Co., Inc. Textile fabric or similar article. Des. 89,402; Mar. 7.
- Marks, Maurice, New York, N. Y. Toilet accessory container. Des. 89,968; May 23.
- Marks, Pauline. (See Jackman, Hyman, assignor.)
- Markstein, Robert P., Vienna, Austria. Fountain pen. 1,923,633; Aug. 22.
- Markstein, Robert P., Vienna, Austria. Fountain pen holder. 1,923,634; Aug. 22.
- Markstrum, John A., assignor to Ex-Cell-O Aircraft & Tool Corporation, Detroit, Mich. Milling cutter. 1,927,409; Sept. 19.
- Markus, Joseph W., Plainview, Minn. Dirt scraping conveying tractor. 1,895,002; Jan. 24.
- Markus, Ralph M., assignor, by mesne assignments, to E. Reich, Chicago, Ill. Cooking appliance. 1,937,283; Nov. 28.
- Markuson, Oscar S., Hilton, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable. 1,904,873; Apr. 18.
- Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Bushing for motor car steering columns. 1,910,300; May 23.
- Marles Steering Gear Company. (See Hammond, Edward P., assignor.)
- Marley, Samuel P. (See Livingstone, C. J., and Marley.)
- Marlin, Brownie L., St. Louis, Mo. Doll. Des. 90,193; June 27.
- Marling, William L., Weimar, Calif. Lawn mower sharpener. 1,900,186; Mar. 7.
- Marlowe Devices, Inc. (See Marlowe, Harold J., assignor.)
- Marlowe, Harold J., Brooklyn, N. Y., assignor, by mesne assignments, to Marlowe Devices, Inc. Self-adjustable, self-supporting hanger rod. 1,910,555; May 23.
- Marmorstein, Herman I., Bronx, N. Y. Watch or clock movement. 1,921,832; Aug. 8.
- Marohn, George, Joliet, assignor to A. B. Dick Company, Chicago, Ill. File. 1,929,596; Oct. 10.
- Marolf, Albert E., Davenport, Iowa. Variable speed transmission. 1,904,319; Apr. 18.
- Marone, Alfredo, Santa Vittoria D'Alba, Italy. Chain conveying apparatus. 1,902,873; Mar. 28.
- Marone, Alfredo, Santa Vittoria D'Alba, Italy. Device for filling containers with liquids. 1,907,260; May 2.
- Maroth, Frank S., Philadelphia, Pa. Tie and button combination. 1,926,209; Sept. 12.
- Maroto, Jorge, assignor to Taylor Forge and Pipe Works, Chicago, Ill. Forming pipe elbows. 1,923,272; Aug. 22.
- Marotte, Gédéon, Bienville, Quebec, Canada. Dredging machine attachment. 1,907,075; May 2.
- Marple, Rollo, assignor to Hancock Manufacturing Co., Jackson, Mich. Control handle. 1,897,523; Feb. 14.
- Marple, Rollo, and A. F. Baker, Jackson, Mich., assignor to Hancock Manufacturing Company. Doorlatch. 1,923,679; Aug. 22.
- Marples, Derek B., Bella Vista, Wettingen, Switzerland, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pipeline booster system. 1,904,320; Apr. 18.
- Marquardt, Frank C., Brooklyn, assignor to American Bank Note Company, New York, N. Y. Rotary steel plate printing machine. 1,936,067; Nov. 21.
- Marquardt, Frank C., Brooklyn, assignor to American Bank Note Company, New York, N. Y. Rotary web under-surface printing machine. 1,936,068; Nov. 21.
- Marquart, Norman O. (See Wallis, C. T., and Marquart.)
- Marquette Tool & Mfg. Company. (See Crane, Edward V., assignor.)
- Marr, Jess C., Ubrichsville, Ohio. Christmas tree ornament. 1,916,059; June 27.
- Marr, William P., Toronto, Ontario, Canada. Wire connector. 1,896,322; Feb. 7.
- Marr, William S., Nutley, N. J., assignor to Bakeries Service Corporation, New York, N. Y. Transformable container. 1,899,241; Feb. 28.
- Marra, Nicholas, Woodside, N. Y. Producing a glassified surface. 1,920,093; July 25.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric crystal. 1,899,163; Feb. 28.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic analyzer. 1,901,400; Mar. 14.
- Marrison, Warren A., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibratory frequency standard. 1,906,985; May 2.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric resonator. 1,907,425; May 9.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric crystal. 1,907,426; May 9.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric crystal. 1,907,427; May 9.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric crystals. 1,918,976; July 18.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronous motor. 1,918,977; July 18.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Subharmonic frequency producer. 1,919,795; July 25.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical vibrating element. 1,919,796; July 25.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission network. 1,926,877; Sept. 12.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezo-electric relay. 1,931,028; Oct. 17.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency control system. 1,931,873; Oct. 24.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency standard. 1,935,325; Nov. 14.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency measurement. 1,936,683; Nov. 28.
- Marrison, Warren A., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 1,930,278; Oct. 10.
- Marrison, Warren A., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature controlling device. 1,940,599; Dec. 19.
- Marros, Arthur D., New York, N. Y. Ice cream dispenser. 1,916,521; July 4.
- Marsack, Max, Sheboygan, Wis. Mattress construction. 1,918,412; July 18.
- Marsack, Max, Sheboygan, Wis. Mattress construction. 1,936,202; Nov. 21.

- Marsal, Charles. (See Leinovsky, G., and Marsal.)
- Marsat, Antoine J. B., Verrieres-le-Buisson, France. Headlight for motor vehicles. 1,938,600; Dec. 12.
- Marsch, Nicholas W. (See Scott, V. L., and Marsch.)
- Marschke Manufacturing Company. (See Stumpf, Walter, assignor.)
- Marschner, Martin. (See von Girssewald, C., Siegens, and Marschner.)
- Marschner, Max A. (See Koeberle, John H., assignor.)
- Marsden, Andrew, London, England. Apparatus for burning liquid fuel. 1,928,839; Oct. 3.
- Marsden, John E., Philadelphia, Pa. Mixing bowl. 1,893,628; Jan. 10.
- Marsden, John E., Philadelphia, Pa. Heat exchange containers and batteries thereof. 1,920,515; Aug. 1.
- Marsden, John E., Philadelphia, Pa., assignor to Gayner Glass Works, Salem, N. J. Storage battery. 1,919,341; July 25.
- Marsden, John E., Cynwyd, Pa., assignor to Gayner Glass Works, Salem, N. J. Producing receptacles from molten material. 1,909,778; May 16.
- Marsaglia, Faust J., Astoria, N. Y. Adjustable bookholder. 1,938,528; Dec. 5.
- Marsellus, John C., Syracuse, N. Y. Casket pedestal. 1,930,721; Oct. 17.
- Marsene Products Co. (See Kratz, Edouard M., assignor.)
- Marsh, Alpha L. (See Fleischmann, F. A., and Marsh.)
- Marsh, Arthur B. (See Sharpe, Harry, assignor.)
- Marsh, Austin G., Springfield, Ill. Twisting tool. 1,921,198; Aug. 8.
- Marsh, Benjamin H. (See Marsh, Daniel W., and B. H.)
- Marsh, C. A. & Co., Inc. (See Hodges, Irving L., assignor.)
- Marsh, Charles W., Muskegon, Mich. Oil seal. 1,901,606; Mar. 14.
- Marsh, Daniel W., and B. H., Oakland, Calif. Manufacturing copper compounds and product. 1,937,524; Dec. 5.
- Marsh, Hallan N., and J. H. Howard, Huntington Park, Calif. Apparatus for determining deep well temperatures. 1,913,845; June 13.
- Marsh, Harry B., Indianapolis, Ind. System of illumination. 1,911,911; May 30.
- Marsh, Harry V., Chicago, Ill. Display rack. 1,902,566; Mar. 21.
- Marsh, Harry V., Chicago, Ill. Placard. 1,905,927; Apr. 25.
- Marsh, Harry V., Chicago, Ill. Collapsible easel. 1,922,626; Aug. 15.
- Marsh, Harry V., Chicago, Ill. Folding easel. 1,938,343; Dec. 5.
- Marsh, Harry V., Chicago, Ill. Placard. 1,938,919; Dec. 12.
- Marsh, Henry S., and C. W. Wesner, Youngstown, Ohio, assignors to Sharon Steel Hoop Company, Sharon, Pa. Making ferric sulphate. 1,917,945; July 11.
- Marsh-Hunn, Lillian E., Bitterne, England. Device for cleaning the human face or body. 1,927,462; Sept. 19.
- Marsh, Jas. P., Corporation. (See Joyce, Harold L., assignor.)
- Marsh, Jas. P., Corporation. (See Rose, Alexander D., assignor.)
- Marsh, Joseph R. C., assignor to Francis N. Bard, Chicago, Ill. Iron or steel and making or treating same. 1,920,909; Aug. 1.
- Marsh, Joseph R. C., Arlington Heights, assignor to Francis N. Bard, Chicago, Ill. Alloy steel and its manufacture. 1,920,910; Aug. 1.
- Marsh, Lucien A., Mill Valley, Calif. Score pad displaying and supporting device for card tables. 1,900,513; Mar. 7.
- Marsh, Lucien A., San Francisco, Calif. Score pad displaying and supporting device for card tables. 1,931,233; Oct. 17.
- Marsh, Samuel L., New York, N. Y. Oil reclaimer. 1,927,410; Sept. 19.
- Marsh, Walter H., Pittsburgh, Pa. Liquid meter. 1,911,521; May 30.
- Marsh, William J., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Preparing phosphorus pentachloride. 1,914,750; June 20.
- Marshall, Albert E., Baltimore, assignor, by mesne assignments, to R. D. Scheenvetter, Hagerstown, Md. Oil burning apparatus. 1,921,937; Aug. 8.
- Marshall, Arnold C., London, England. Coupling or clamp for scaffold poles or other bodies. 1,925,699; Sept. 5.
- Marshall & Bruce Company, The. (See Allen, Ernest M., jr., assignor.)
- Marshall & Bruce Co. (See White, William B., assignor.)
- Marshall, Charles H., Erith, Kent, England. Endless conveyor. 1,917,659; July 11.
- Marshall, Clarence M., and J. E. Mabin, assignors of one-third to Martin D. Murphy, Stockton, Calif. Valve puller. 1,892,900; Jan. 3.
- Marshall, David S., San Diego, Calif. Electric heater. 1,901,038; Mar. 14.
- Marshall, Earl P., Los Angeles, Calif. Forming cementitious bodies and material for use in same. 1,899,101; Feb. 28.
- Marshall, Emery C. (See Irwin, R. B., and Marshall.)
- Marshall, Emery C., Kansas City, Mo., and M. J. Burkhard, Kansas City, Kans., assignors to White Eagle Oil and Refining Company, Kansas City, Mo. Apparatus for the treatment of hydrocarbon oils. 1,918,278; July 18.
- Marshall Field & Company. (See Reist, Emily M., assignor.)
- Marshall Field Mills Corporation. (See Clark, Eugene F., assignor.)
- Marshall Furnace Company. (See Stout, Claude S., assignor.)
- Marshall, George T. (See Brown, W., and Marshall.)
- Marshall, Harry H., Detroit, Mich. Door control mechanism. 1,924,450; Aug. 29.
- Marshall, Henry H., Highland Park, assignor, by mesne assignments, to Carrier Research Corporation, Newark, N. J. Apparatus for controlling the level of liquids. 1,917,045; July 4.
- Marshall, Howard, Pittsburg, Calif. Contact making device. 1,940,176; Dec. 19.
- Marshall, Ira W., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Transmission tower. 1,917,594; July 11.
- Marshall, James D., Minneapolis, Minn. Amplifying system. 1,940,001; Dec. 19.
- Marshall, Jamieson, Yonkers, N. Y. Unit steel framing. 1,909,877; May 16.
- Marshall, John B., Los Angeles, Calif. Rotatable ornament. 1,913,765; June 13.
- Marshall, John K., Mount Lebanon, and P. E. Wiley, Dormont, assignors of one-third to A. J. Pruett, Pittsburgh, Pa. Variable spacing mechanism. 1,926,294; Sept. 12.
- Marshall, John M. (See Straub, F. J., Marshall, and Cyphers.)
- Marshall, Laurence K., assignor to Spencer Thermostat Company, Cambridge, Mass. Thermostatic switch. 1,897,316; Feb. 14.
- Marshall, Lee, Flint, Mich. Electric iron and support. 1,937,901; Dec. 5.
- Marshall, Leon A. (See Lormor, H. W., and Marshall.)
- Marshall, Leslie H., assignor to The Technimet Company, Columbus, Ohio. Production of coated malleable iron castings. 1,893,782; Jan. 10.
- Marshall, Margaret, Vancouver, British Columbia, Canada. Dust bag. 1,924,249; Aug. 29.
- Marshall, Richard G., Detroit, Mich. Fastener. 1,914,378; June 20.
- Marshall, Walter L., Merion, Pa. Sharpener for razor blades. 1,897,760; Feb. 14.
- Marshalltown Manufacturing Company. (See Ruopp, George F., assignor.)
- Marsilius, Newman M., assignor to The Producto Machine Company, Bridgeport, Conn. Milling machine. 1,895,333; Jan. 24.
- Marsilius, Newman M., assignor to The Producto Machine Company, Bridgeport, Conn. Cam miller. 1,895,334; Jan. 24.
- Marsilius, Newman M., assignor to The Producto Machine Company, Bridgeport, Conn. Removable guide pin. 1,921,421; Aug. 8.
- Marsteller, Lester O., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reactor. 1,924,366; Aug. 29.
- Mart, Leon T., Kansas City, Mo. Redistribution type cooling tower. 1,928,904; Oct. 3.
- Martel, Adelard F., San Mateo, assignor of one-half to George W. Gates, Burlingame, Calif. Mail handling apparatus. 1,941,015; Dec. 26.
- Martel, Claude A., Farnham, Quebec, Canada. Fire alarm for stove pipes. 1,910,347; May 23.
- Martel, Edgar J., Laconia, N. H. Chain for automobile tires. 1,905,237; Apr. 25.
- Martell, George, administrator. (See Martell, Maxwell J., assignor.)
- Martell, Maxwell J., deceased, Brooklyn, N. Y., George Martell, administrator. Display device. 1,910,621; May 23.
- Martelotti, Mario E. (See Ernst H., and Martelotti.)
- Martenot, Maurice L. E., Neuilly-sur-Seine, France. Electric keyboard musical instrument. 1,914,831; June 20.
- Martens, William H. A. (See Cone, Ralph R., assignor.)
- Marter, Ezra B., 3d., Burlington, N. J., assignor to A. Edmond Pausser, Philadelphia, Pa. Electrical control system for permanent hair-waving apparatus. 1,900,831; Mar. 7.
- Marth, Fritz, New York, N. Y. Mechanical automobile jack. 1,927,411; Sept. 19.
- Martha, Oscar W., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Hollow handle for coffee pots and the like. 1,907,991; May 9.
- Marthens, Arthur S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,905,238; Apr. 25.
- Marthens, Arthur S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,930,528; Oct. 17.
- Marti, Pierre, A. D., Montbeliard, and C. F. M. Bertin, and A. E. G. Nandillon, Toulon, France. Emitting or receiving vibration device for submarine sounding. 1,903,720; Apr. 11.
- Martin, Adam F., Saginaw, Mich. Shingle. 1,920,474; Aug. 1.
- Martin Air Dog Company. (See Ferris, Ervie A., assignor.)
- Martin Air Dog Company. (See Martin, Frederick E., assignor.)
- Martin, Allan F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Film projector. 1,939,561; Dec. 12.

- Martin Automatic Fishing Reel Co. (See Maury, Alfred D., assignor.)
- Martin, Bethine A., New York, N. Y. Towel. 1,922,169; Aug. 15.
- Martin Brothers Electrical Company, The. (See Martin, Wendell L., assignor.)
- Martin, Charles F., assignor of one-half to G. H. Porter, Logansport, Ind. Fuel feeder hopper attachment. 1,929,324; Oct. 3.
- Martin, Charles R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 1,934,636; Nov. 7.
- Martin, Charles W., Chicago, Ill. Table attachments for automobiles. 1,903,900; Apr. 18.
- Martin, Charles W., Huntington Park, Calif. Welding apparatus. 1,914,518; June 20.
- Martin, Claude V., assignor to Maple City Rubber Company, Norwalk, Ohio. Balloon process and article of manufacture. 1,906,325; May 2.
- Martin, Clifford, Interlachen, Fla. Refrigerator car. 1,898,843; Feb. 21.
- Martin, David H., Leocompton, Kans. Kafir corn heading machine. 1,911,635; May 30.
- Martin, De Loss K., West Orange, N. J., assignor to American Telephone & Telegraph Company. Producing high voltage direct currents. 1,917,453; July 11.
- Martin, Dennis E., Glassport, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. Des. 89,713; Apr. 25.
- Martin, Dennis E., Glassport, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. Des. 89,714; Apr. 25.
- Martin, Earl L., Des Moines, Iowa. Supporting a separating hopper as applied to portable mills. 1,900,354; Mar. 7.
- Martin, Edward J., assignor to General Motors Research Corporation, Detroit, Mich. Indicator. 1,897,811; Feb. 14.
- Martin, Edward L., Providence, assignor to H & B American Machine Company, Pawtucket, R. I. Top roll clearer. 1,933,504; Oct. 31.
- Martin, Edwin M. (See Langstroth, C. B., and Martin.)
- Martin, Elmer G., East Lampeter Township, Pa. Educational chart. Des. 89,467; Mar. 14.
- Martin, Emil F., Seymour, Conn. Wing and like member for aircraft. 1,913,169; June 6.
- Martin, Etta S., Chicago, Ill. assignor, by mesne assignments, to Bensel and Martin, East Orange, N. J. Safety razor. 1,911,378; May 30.
- Martin, Etta S., Chicago, Ill. assignor, by mesne assignments, to Bensel & Martin, East Orange, N. J. Safety razor. 1,919,737; July 25.
- Martin, Florian J., Medford, Wis. Block for X-ray dental films. 1,899,877; Feb. 28.
- Martin, Fred M., Beatrice, Nebr. Filing rack. 1,894,185; Jan. 10.
- Martin, Fred N., Portland, Oreg. Shipping liquids. 1,897,939; Feb. 14.
- Martin, Fred N., Portland, Oreg. Shipping and dispensing fountain. 1,907,801; May 2.
- Martin, Frederick E., Berkeley, assignor to Martin Air Dog Company, San Francisco, Calif. Dogging device. 1,930,014; Oct. 10.
- Martin, Frederick W., Bronxville, assignor to Franklin Railway Supply Company, New York, N. Y. Flexible pipe coupling for railway vehicles. 1,905,647; Apr. 25.
- Martin, Frederick W., Bronxville, assignor to Franklin Railway Supply Company, New York, N. Y. Journal lubricator. 1,907,847; May 9.
- Martin, George B. (See Bergstrom, H. G., and Martin.)
- Martin, George C., assignor to S. S. Mathews, Los Angeles, Calif. Orthopedic device. 1,911,764; May 30.
- Martin, George F., jr., Wilkinsburg, Pa. assignor to Westinghouse Electric & Manufacturing Company. Copper oxide rectifier. 1,901,563; Mar. 14.
- Martin, George S., and D. R. McGraw, Seattle, Wash. Fountain brush. 1,940,002; Dec. 19.
- Martin, Glenn L., Company, The. (See Andrade, Andrew A., assignor.)
- Martin, Glenn L., Co., The. (See Chevrolet, L., and Parrish, assignors.)
- Martin, Glenn L., Company, The. (See Churcher, William B., assignor.)
- Martin, Glenn L., Company, The. (See Milburn, Lessiter C., assignor.)
- Martin, Guy T., assignor to The Fluor Corporation Ltd., Los Angeles, Calif. Cooling tower. 1,907,330; May 2.
- Martin, Harold. (See Morhead, L. R., and Martin.)
- Martin, Harold K., assignor to Corning Glass Works, Corning, N. Y. Preventing aqueous liquids from dripping from the lips of vessels. 1,918,117; July 11.
- Martin, Harold S. (See Crago, A., and Martin.)
- Martin, Harrison S., Brooklyn, N. Y. Registering, display, and transmission apparatus and system. 1,939,822; Dec. 19.
- Martin, Harry C., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and solids of like constitution. 1,937,043; Nov. 28.
- Martin, Harry H., Syracuse, N. Y. Progressive rocker. 1,907,848; May 9.
- Martin, Harry W., Belmont, and R. H. Blanchard, Malden, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Shoe sole. Des. 89,204; Feb. 7.
- Martin, Herbert E. (See Dreyfus, C., Martin, and Lee.)
- Martin, Herbert E., J. W. Elder, and L. N. Rogers, Cumberland, Md., assignors to Celanese Corporation of America. Making organic esters of cellulose. 1,916,273; July 4.
- Martin, Herbert E., and J. W. Elder, Cumberland, Md., assignors to Celanese Corporation of America. Preparing organic esters of cellulose. 1,916,274; July 4.
- Martin, Ira T., San Francisco, Calif. Draft control and dust separator. 1,900,065; Mar. 7.
- Martin, Jacob, Brooklyn, N. Y. Portable scaffolding. 1,912,947; June 6.
- Martin, James V., Garden City, N. Y. Resilient tire. 1,909,878; May 16.
- Martin, James W., jr., Yonkers, assignor, by mesne assignments, to Dryice Equipment Corporation, New York, N. Y. Method and apparatus for generating and using high pressure. 1,920,094; July 25.
- Martin, Jean A., Buffalo, N. Y. Awning of metal or like rigid material. 1,901,976; Mar. 21.
- Martin, Jerome. (See Swallen, L. C., and Martin.)
- Martin, Jerome, Terre Haute, Ind., and I. J. Krchma, Baltimore, Md., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for the preparation of esters. 1,937,284; Nov. 28.
- Martin, Jerome, Terre Haute, Ind., and I. J. Krchma, Baltimore, Md., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst for the preparation of esters. 1,937,285; Nov. 28.
- Martin, Jerome, and I. J. Krchma, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Separating and recovering acetic and butyric acids. 1,917,660; July 11.
- Martin, Jesse C., jr., Los Angeles, Calif. Locomotive boiler. 1,928,861; Oct. 3.
- Martin, Jesse C., jr., Los Angeles, Calif. Locomotive boiler. 1,928,862; Oct. 3.
- Martin, Jesse C., jr., San Francisco, Calif., assignor to Walworth Patents Inc., Boston, Mass. Lubricated insulated plug valve. 1,931,898; Oct. 24.
- Martin, John A., Indianapolis, Ind. Bottle cap sealing device. 1,940,721; Dec. 26.
- Martin, John D., Rayo, Calif. Display method of packing. 1,899,583; Feb. 28.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Magneto. 1,893,840; Jan. 10.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Magneto timing indicator. 1,902,655; Mar. 21.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Dust protector device. 1,902,874; Mar. 28.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Lighting generator. 1,904,692; Apr. 18.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Ignition timer. 1,907,428; May 9.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Ignition timer. 1,917,046; July 4.
- Martin, John F., assignor to United American Bosch Corporation, Springfield, Mass. Combined ignition timer and coil. 1,934,199; Nov. 7.
- Martin, John P., Pittsburgh, Pa. Smoking pipe. 1,897,065; Feb. 14.
- Martin, John P., Pittsburgh, Pa. Smoking pipe. 1,925,874; Sept. 5.
- Martin, John W., E. W. and J. A. Manning, assignors of one-half to said J. W. Martin and one-half to H. W. Manning, Portland, Oreg. Direction signaling device. 1,928,316; Sept. 26.
- Martin, Jose, New York, N. Y., assignor to J. L. Foreman, doing business as Foreman Silks, New York, N. Y. Textile fabric or the like. Des. 90,813; Oct. 3.
- Martin, Josef, Munich, Germany. Stoking grate. 1,908,992; May 16.
- Martin, Joseph, New York, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Day-bed. 1,905,928; Apr. 25.
- Martin, Joseph L., Union City, N. J. Hose coupling. 1,922,968; Aug. 15.
- Martin, Joseph R., assignor to F. E. Schwarzkopf, Baltimore, Md. Detergent dispensing device. 1,904,157; Apr. 18.
- Martin, Karl, Rathenow, Germany. Eyeglasses. 1,903,593; Apr. 11.
- Martin, Karl, Glogau, Germany. Method of and machine for grinding in valves and cocks. 1,915,195; June 20.
- Martin, Lester B., Columbus, Ohio. Calendar and record. 1,902,567; Mar. 21.
- Martin, Lewis E., St. Louis, Mo. Portable kitchen. 1,919,898; July 25.
- Martin, Mark H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Center plate and guide structure. 1,920,415; Aug. 1.
- Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Draft rigging. 1,930,529; Oct. 17.
- Martin, Marshall D., New Orleans, La. Fish lure. 1,900,832; Mar. 7.
- Martin, Melvin A. (See Gleason, C. E., and Martin.)

- Martin, Michael J., Armadale, Victoria, and H. P. Brooks-bank, Merlynston, North Coburg, Victoria, assignors to Sulphates Proprietary Limited, Melbourne, Victoria, Australia. Treatment of bauxite, alunite, and like aluminous material. 1,895,580; Jan. 31.
- Martin, Moulet & Cie. (See Moulet, Jean L. L. A. A., assignor.)
- Martin, Otto V., Sand Springs, Okla., assignor to The Texaco Salt Products Company, New York, N. Y. Recovery of salts and other products from oil field brines. 1,900,246; Mar. 7.
- Martin, Otto V., assignor to Texaco Salt Products Company, Tulsa, Okla. Recovery of salts and other products from oil field brines. 1,900,247; Mar. 7.
- Martin, Otto V., Sand Springs, Okla., assignor to Texaco Salt Products Company, New York, N. Y. Hygroscopic salts and their preparation. 1,907,076; May 2.
- Martin, Otto V., San Springs, Okla., assignor to Texaco Salt Products Company, New York, N. Y. Apparatus for preparing metallic chlorides. 1,932,864; Oct. 24.
- Martin-Parry Corporation. (See Kraft, Edward L., assignor.)
- Martin, Perry S., Harrisonburg, Va. Adjustable feeder. 1,894,278; Jan. 17.
- Martin, Perry S., Harrisonburg, Va. Poultry roost. 1,912,085; May 30.
- Martin, Perry S., Harrisonburg, Va. Egg cleaning machine. 1,918,653; July 18.
- Martin, Perry S., Harrisonburg, Va. Ventilation. 1,926,295; Sept. 12.
- Martin, Perry S., assignor to Shenandoah Manufacturing Company, Harrisonburg, Va. Central heater incubator system. 1,910,301; May 23.
- Martin, Rhetterford B., Roselle, N. J. Mineral treatment. 1,897,265; Feb. 14.
- Martin, Rhetterford B., Roselle, N. J. Supershock absorption. 1,902,714; Mar. 21.
- Martin, Rhetterford B., Roselle, N. J. Flotation process and mineral collecting agent. 1,933,179; Oct. 31.
- Martin & Schwartz, Inc. (See Schwartz, R. L., and Martin, assignors.)
- Martin, Stephen M., Bridgeport, Conn., assignor, by mesne assignments, to Julius F. Holmer, New York, N. Y. Valve construction. 1,933,864; Nov. 7.
- Martin, Thomas C., and S. Meyer, South Charleston, W. Va., assignors to Carbide & Carbon Chemicals Corporation. Removing liquid mixtures from pressure vessels. 1,938,036; Dec. 5.
- Martin, Thomas C., and W. D. Woodworth, Los Angeles, Calif. Vending machine. 1,939,127; Dec. 12.
- Martin, Verner L., Mount Hope, assignor of one-half to E. J. McCool, Macdonald, W. Va. Combination rail bond and connecting plate. 1,922,105; Aug. 15.
- Martin, Vernon, assignor to Walker Press Limited, Paris, Ontario, Canada. Bridge tally. Des. 89,242; Feb. 7.
- Martin, Walter A., La Crescenta, Calif. Aerial toy. 1,918,413; July 18.
- Martin, Warren D., Port Blakely, Wash. Boat for speed. 1,913,605; June 13.
- Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Drier. 1,903,427; Apr. 11.
- Martin, William A. (See Smith, Frederick H., assignor.)
- Martin, William A., Trenton, Mo. Mausoleum. 1,905,036; Apr. 25.
- Martin, William C., Waynesburg, Ohio. Aircraft. 1,898,638; Feb. 21.
- Martin, William C., Washington, D. C., assignor to the Government of the United States. Formula for denaturing alcohol. 1,941,519; June 20.
- Martin, William P. (See Schwartz, R. L., and Martin.)
- Martin, William W. (See Staaf, Werner I., sr., assignor.)
- Martineau, Antoine. (See Lepage, F., and Martineau.)
- Martinek, Michael, Lyons, assignor to Western Wire & Iron Works, Inc., Chicago, Ill. Doorlock. 1,933,865; Nov. 7.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction-cleaning apparatus. 1,931,165; Oct. 17.
- Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction-cleaning apparatus. 1,931,553; Oct. 24.
- Martinetti, Carlo D., Orange, N. J. Automobile lifting jack. 1,896,715; Feb. 7.
- Martinez, Michele, assignor to A. H. Johnson & Co. (Paper) Limited, London, England. Color-photography. 1,910,117; May 23.
- Martinez, Michele, assignor to A. H. Johnson & Co. (Paper) Limited, London, England. Color photography. 1,935,477; Nov. 14.
- Martindale Electric Company, The. (See McFarland, H., and Herman, assignors.)
- Martini, Rudolph, jr., New York, N. Y. Automatic safety check device. 1,922,252; Aug. 15.
- Martinson, Martin, Princeton, Ill. Shield. 1,895,197; Jan. 24.
- Martocelo, Frank A., Minneapolis, Minn. Embossing sugary substances. 1,928,087; Sept. 26.
- Martyn, John F., and R. J. Leggett, assignors to Gasoline Storage Patents (Proprietary) Limited, Durban, Union of South Africa. Storage tank for petrol and like inflammable liquids. 1,917,158; July 4.
- Maruhn, Johannes, Berlin-Friedenau, and L. Tubben, Berlin-Nicolassee, Germany. Hydrogenating apparatus. 1,911,909; May 30.
- Marvel Carburetor Company. (See Chambers, Howard M., assignor.)
- Marvel Carburetor Company. (See Firth, David, assignor.)
- Marvel Carburetor Company. (See Kirby, Charles H., assignor.)
- Marvel Carburetor Company. (See Linkert, H. W., and Anderson, assignors.)
- Marvel Carburetor Company. (See Purdy, Frederick, assignor.)
- Marvel, Orin E. (See Kettering, C. F., and Marvel.)
- Marvel, Orin E., Grand Rapids, Mich. Motor and motor control. 1,928,108; Sept. 26.
- Marvel, Orin E., Grand Rapids, Mich. Variable-frequency oscillator. 1,929,752; Oct. 10.
- Marvellum Company, The. (See Bracewell, Russell S., assignor.)
- Marvin, Stuart F., Nutley, N. J., and P. J. Kayatt, New York, N. Y., assignors to Radio Inventions, Inc., New York, N. Y. Glow lamp. 1,940,630; Dec. 19.
- Marvin, W. B., Manufacturing Company, The. (See Ritter, John J., assignor.)
- Marvin, Walter S., and C. L. Sibenhorn, assignors to Metal Ware Corporation, Two Rivers, Wis. Portable fabric steamer. 1,937,770; Dec. 5.
- Marx, Carl, assignor to P. W. Petersen, Chicago, Ill. Quick freezing. 1,907,649; May 9.
- Marx, Erich, Frankfurt-on-the-Main, Germany. Internal cylinder grinding tool. 1,918,852; July 18.
- Marx, Frank A., assignor, by mesne assignments, to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Dummy display box. 1,901,351; Mar. 14.
- Marx, George G., Detroit, Mich. Furnace grate. 1,925,840; Sept. 5.
- Marx, Joseph, Madison, Wis. Wire stretcher. 1,911,910; May 30.
- Marx, Karl, and K. Brodersen, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Agent for exterminating animal or vegetable pests. 1,898,554; Feb. 21.
- Marx, Karl, Dessau in Anhalt, and E. Lehmann, Wolfen, near Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing furs, hairs, feathers, and similar articles. 1,900,454; Mar. 7.
- Marx, Karl, K. Brodersen, and M. Quaedvlieg, Dessau in Anhalt, assignors, by mesne assignments, to I. G. Farbenindustrie A. G., Frankfurt-on-the-Main, Germany. Sulphuric acid esters of alcoholic and derivatives thereof. 1,931,962; Oct. 24.
- Marx, Karl F., Dearborn, Mich. Hydroelectric power generator. 1,922,055; Aug. 15.
- Marx, Peter, Hennef-Sieg, Germany. Cupola furnace. 1,911,379; May 30.
- Marx, Richard, Philadelphia, Pa. Heddle. 1,932,350; Oct. 24.
- Marxman, Carl, Rochelle, Ill. Radiator cleaning machine. 1,918,048; July 11.
- Marzocchi, Luigi, Milan, Italy. Automatic machine for filling and sealing ampules, phials, and the like vessels. 1,918,118; July 11.
- Masbruch, Henry, Platteville, Wis. Animal blinder. 1,912,534; June 6.
- Masbruch, Henry, Platteville, Wis. Animal blinder. 1,925,928; Sept. 5.
- Mascetti, Frederick E., and A. D. Bruno, Torrington, Conn. Concrete mixer. 1,921,685; Aug. 8.
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Becker, Heinrich, assignor.)
- Maschinenfabrik Augsburg-Nurnberg, A. G. (See Breitwieser, Heinrich, assignor.)
- Maschinenfabrik Augsburg-Nurnberg, A. G. (See Brockel, Ernst, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A.-G. (See Hanfstengel, Georg V., assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Jagschitz, Konrad, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A.-G. (See Pielstick, Gustav, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Riehm, Wilhelm, assignor.)
- Maschinenfabrik Augsburg-Nurnberg A. G. (See Schlak, Heinrich, assignor.)
- Maschinenfabrik Carl Zangs, Aktiengesellschaft. (See Dersen, Heinrich, assignor.)
- Maschinenfabrik Einsiedel Gesellschaft mit beschränkter Haftung. (See Lieberknecht, Paul, assignor.)
- Maschinenfabrik Johannisberg G. m. b. H. (See Gietz, Peter, assignor.)
- Maschinenfabrik Moenus A. G. (See Ruhr, Richard, assignor.)
- Maschinenfabrik Oerlikon. (See Wellauer, Max, assignor.)
- Maschinenfabrik Schweiter A. G. (See Wegmann, Hermann, assignor.)
- Maschow, Hans, Neisse, Upper Silesia, Germany. Airplane. 1,940,961; Dec. 26.
- Masuch, Joseph J., Newark, N. J. Spark plug shield. Des. 91,174; Dec. 12.
- Masek, Cyril A. M. (See Filippi, J. F., Masek, and Levitt.)
- Maseng, Olav. (See Massey, H. B., and Maseng.)
- Mashbir, Sidney F., Washington, D. C., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 1,914,973; June 20.

- Masin, Jacob S., Anniston, Ala., assignor to Swann Research, Incorporated. Purifying electrometallurgical products. 1,925,396; Sept. 5.
- Maske, Paul A., Grafton, Wis. Oil dispensing device. 1,918,049; July 11.
- Maskery, Harry, Philadelphia, Pa. Soap slicing machine. 1,921,199; Aug. 8.
- Maskrey, Alfred E., Irvington, N. J., assignor, by mesne assignments, to The Plykrome Corporation, New York, N. Y. Corrosion resistant metal plate and making the same. 1,896,411 Feb. 7.
- Maskrey, Alfred E., Irvington, N. J., assignor to The Plykrome Corporation, New York, N. Y. Manufacture of metal tubes. 1,938,633; Dec. 12.
- Masland, Charles H., 2d, Carlisle, Pa. Ageing or steaming printed textile fabrics. 1,907,429; May 9.
- Maslow, Louis, Brooklyn, N. Y. Egg beater. 1,910,302; May 23.
- Mason, Archibald O., Highland Park, Ill. Manufacturing zinc oxide. 1,924,872; Aug. 29.
- Mason Au & Magenheimer Confectionery Manufacturing Company. (See Haug, Waldemar H., assignor.)
- Mason, Au & Magenheimer Confectionery Manufacturing Company. (See Laskey, William B.)
- Mason Box Company, The. (See Rhodes, Russell I., jr., assignor.)
- Mason, Charles R., assignor of two-fifths to John J. Schaeffer, Youngstown, Ohio. Liquid treating apparatus. 1,906,914; May 2.
- Mason, Clesson E., assignor to The Foxboro Company, Foxboro, Mass. Control mechanism. 1,897,135; Feb. 14.
- Mason, Clesson E., and A. M. Dixon, assignors to The Foxboro Company, Foxboro, Mass. Controller. 1,899,705; Feb. 28.
- Mason, Edward, assignor of one-half to C. E. Blewett, Butte, Mont. Extractor. 1,938,601; Dec. 12.
- Mason, Francis C., assignor to Sears, Roebuck & Company, Chicago, Ill. Apparatus for cleaning. 1,900,122; Mar. 7.
- Mason, Frank B. (See Lange, Alfred R., and Mason.)
- Mason, George N. (See Lyons, A. G., and Mason.)
- Mason, George W., assignor to Kelvinator Corporation, Detroit, Mich. Evaporator for refrigerator. 1,896,412; Feb. 7.
- Mason, Harold L., Hampstead, London, England. Valve. 1,916,767; July 4.
- Mason, James, Deptford, London, England. Machine for applying bands, stamps, or the like to packets. 1,903,928; Apr. 18.
- Mason, James, Deptford, London, England. Packing machinery. 1,935,478; Nov. 14.
- Mason, James, Deptford, London, England. Machine for applying bands or stamps to packets. 1,939,507; Dec. 12.
- Mason, James A. (See Taylor, R., and Mason.)
- Mason, James M., assignor to Abrasive Wheel and Equipment Co., Inc., Philadelphia, Pa. Expandable wheel. 1,894,909; Jan. 17.
- Mason, James M., Philadelphia, Pa., assignor, by mesne assignments, to Kennard N. Ware, Drexel Hill, Pa. Expandible wheel. 1,937,711; Dec. 19.
- Mason, John. (See Wheeler, T. S., and Mason.)
- Mason, John A., Burlingame, Calif. Rose. Pl. Pt. 52; Jan. 10.
- Mason, John L., assignor to Hardinge Company, Incorporated, York, Pa. Digester. 1,922,547; Aug. 15.
- Mason, Landon R., Los Angeles, and F. E. Griffith, Long Beach, Calif., assignors, by mesne assignments, to W. C. McDuffie, receiver for Richfield Oil Company of California. Constructing asphalt macadam surface courses. 1,915,814; June 27.
- Mason, Ralph R., Pittsburgh, Pa. Plot marker. 1,902,875; Mar. 28.
- Mason, Robert L., assignor to J. W. Critchfield, Pittsburgh, Pa. Display device. 1,929,364; Oct. 3.
- Mason, Ruric C. (See Steplan, Joseph, and Mason.)
- Mason, Ruric C., Princeton, N. J., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,914,143; June 13.
- Mason, Warren P., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 1,921,035; Aug. 8.
- Mason, William C., Albany, N. Y. Visor. Re18,952; Sept. 19.
- Mason, William D., assignor to The Multistamp Company, Inc., Norfolk, Va. Tracing apparatus. 1,929,846; Oct. 10.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Production of vegetable fiber sheets. 1,894,777; Jan. 17.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Multiple fiber board production. 1,894,778; Jan. 17.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Press. 1,903,222; Mar. 28.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Process and apparatus for disintegration of material. 1,922,313; Aug. 15.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Production of nonwarping fiber boards. 1,923,105; Aug. 22.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Apparatus for production of nonwarping fiber board. 1,923,106; Aug. 22.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Article handling system. 1,923,548; Aug. 22.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Article handling system. 1,923,549; Aug. 22.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Cut-off machine. 1,924,162; Aug. 29.
- Masonite Corporation. (See Card, J. T., and Holbrook, assignors.)
- Masonite Corporation. (See Mason, William H., assignor.)
- Massack, Gustav A., Harrington Park, N. J. Scoliotone. 1,931,990; Oct. 24.
- Massé, Joseph H., Montreal, Quebec, Canada. Index holder. 1,893,999; Jan. 10.
- Masseau, Joseph W. J., St. Johns, Quebec, Canada. Cleaning apparatus. 1,919,854; July 25.
- Massei, Daniel. (See Pousha, E. T., and Massei.)
- Massena, Gabriel, et al. (See Smith, Clarence A., 2d, assignor.)
- Masset, Edward, New York, N. Y. Saw guard. 1,904,005; Apr. 18.
- Massey, Augustine H., Stratford, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Attachment plug receptacle. Des. 90,118; June 13.
- Massey, Augustine H., Stratford, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Tray or similar article. Des. 90,670; Sept. 12.
- Massey Concrete Products Corporation. (See Horsch, Walter H., assignor.)
- Massey Concrete Products Corporation. (See Huntoon, John S., assignor.)
- Massey-Harris Co., The. (See Davidson, John M., assignor.)
- Massey-Harris Company, The. (See Everett, C. E., and Smith, assignors.)
- Massey-Harris Company, The. (See Everett, C. E., and Taylor, assignors.)
- Massey-Harris Company. (See Johnston, Howard M., assignor.)
- Massey-Harris Co., The. (See Rodgers, John S., assignor.)
- Massey, Hemsley B. (See Koppit Z. C. G., and Massey.)
- Massey, Hemsley B., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Operating mechanism for switches. 1,898,135; Feb. 21.
- Massey, Hemsley B., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Electric switch. 1,935,512; Nov. 14.
- Massey, Hemsley B., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Making electric switches. 1,935,513; Nov. 14.
- Massey, Hemsley B., and O. Maseng, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Bus bar clamp. 1,906,915; May 2.
- Massey, Peter J., River Forest, Ill. Coating paper. 1,921,368; Aug. 8.
- Massey, Peter J., River Forest, Ill. Coating paper. 1,921,369; Aug. 8.
- Massino, Cesar A. M., assignor of fifty per cent to A. M. and T. J. Acosta, Habana, Cuba. Implement handle. 1,925,053; Aug. 29.
- Masslow, William C., assignor of one-half to A. E. Schultz, Forest Park, Ill. Bed. 1,903,901; Apr. 18.
- Masson, Paul. (See McCarthy, P. N., and Masson.)
- Massonneau, Robert F., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,938,709; Dec. 12.
- Massy, George H., Bayonne, N. J. Measuring device. 1,897,208; Feb. 14.
- Maste, Karl. (See Ischebeck, Carl, assignor.)
- Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Generator hook-up. 1,923,320; Aug. 22.
- Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Valve. 1,923,788; Aug. 22.
- Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Feed water regulating valve. 1,938,602; Dec. 12.
- Master Domestic Refrigerating Company. (See Mauck, Victor, assignor.)
- Master Domestic Refrigerating Company. (See Strong, Archie H., assignor.)
- Master Electric Company, The. (See Larsh, Everett P., assignor.)
- Master Lock Company. (See Soref, Harry E., assignor.)
- Master Metal Products, Inc. (See Geibel, John F., assignor.)
- Master Products Company. (See Bohn, Walter A., assignor.)
- Master, Thomas A., South Otselic, and L. D'Angelo, Binghamton, N. Y. Ice grip nonskid. 1,899,517; Feb. 28.
- Masterenich Corporation. (See Mead, Homer A., assignor.)
- Masterman, Cyril A. (See Clark, J. G., and Masterman.)
- Masterman, Thomas W. (See Hewitt, E. E., and Masterman.)
- Masters, Arthur H., Pittsburgh, Pa. Apparatus for vaporizing liquid fuel. 1,939,270; Dec. 12.
- Masters, Carl L., Orchard Park, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. 2-naphthalenemonosulphonic acid. 1,922,813; Aug. 15.
- Masters Edwin L., Chicago, Ill. Material distributor. 1,912,988; June 6.

- Masters, Edwin L., Chicago, Ill. Fertilizer spreader. 1,925,809; Sept. 5.
- Masters, Paul G., assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Corrugated glass window and light. 1,899,912; Feb. 28.
- Masters, Paul G., assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Corrugated glass light for corrugated roofs and walls. 1,911,578; May 30.
- Masters, Raymond H., Denver, Colo. Gas saver. 1,934,987; Nov. 14.
- Masterson, John J., Brockton, Mass. Antislipping calk for shoes. 1,918,279; July 18.
- Masterson, John J., Williamstown, N. Y. Scaffold. 1,929,325; Oct. 3.
- Masterson, Theodore L., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Preparing concentrated press cakes. 1,915,326; June 27.
- Masterson, William E., and H. Price, Borger, Tex., assignors of one-third to H. R. Rogers, Denver, Colo. Electric motor. 1,893,629; Jan. 10.
- Masuda, Reisuke, Toledo, Ohio, assignor to Larrowe-Suzuki Company, Detroit, Mich. Antifreezing solution. 1,901,111; Mar. 14.
- Masuda, Reisuke, Toledo, Ohio, assignor to The Larrowe-Suzuki Company, Detroit, Mich. Manufacture of glutamic acid hydrochloride betaine acid sulphate, etc. 1,928,840; Oct. 3.
- Masuda, Reisuke, Toledo, assignor to The Larrowe-Suzuki Company, Rossford, Ohio. Recovering glutamic acid. 1,940,428; Dec. 19.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Radius rod mounting. 1,914,444; June 20.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Refuse disposal truck. 1,917,382; July 11.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Endless track for motor vehicles. 1,918,853; July 18.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Spring suspension for individually sprung wheels. 1,920,206; Aug. 1.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Heating means for refrigerating bodies. 1,936,062; Nov. 21.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Chain housing for individually sprung wheels. 1,936,847; Nov. 28.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Beverage dispensing device. 1,936,848; Nov. 28.
- Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Torsional spring suspension for individually sprung wheels. 1,938,847; Dec. 12.
- Masury, Alfred F., New York, N. Y., and C. Froesch, Teaneck, N. J., assignors to International Motor Company, New York, N. Y. Cooling and ventilating system. 1,938,846; Dec. 12.
- Matassa, Thomas J., Los Angeles, Calif. Pastry crust. Des. 89,260; Feb. 14.
- Matebette, Frank J., New York, N. Y. Propagation of culture germs for the inoculation of nitrogen gathering plants, such as legumes. 1,909,622; May 16.
- Matchette, Frank J., assignor to The Servidor Company, New York, N. Y. Metallic door or panel construction. 1,930,366; Oct. 10.
- Matchey, Joseph, Whitehall, Wis. Tire spreader. 1,922,740; Aug. 15.
- Mate, Gus C., and C. Takács, Cleveland, Ohio, assignors of thirty-five per cent to said Gus C. Mate and sixty-five per cent to said Charles Takács. Sled brake. 1,896,966; Feb. 7.
- Matejcek, Vincent, assignor to Blizzard Manufacturing Company, Canton, Ohio. Fodder cutter. 1,937,351; Nov. 28.
- Matera, Charles C., Hartford, Conn. Headlight. 1,912,487; June 6.
- Mather, Charles F., St. Paul, Minn. Portable bathtub. 1,940,137; Dec. 19.
- Mather, George L., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Manufacture of pneumatic tire casings. 1,921,473; Aug. 8.
- Mather, George L., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Manufacture of pneumatic tire casings. 1,921,474; Aug. 8.
- Mather, Mary E., Los Angeles, Calif. Telephone anchor and pad holder. 1,930,175; Oct. 10.
- Mather & Platt Limited. (See Mather, Roy C., assignor.)
- Mather, Roy C., Park Works, Manchester, assignor to Mather & Platt Limited, Manchester, England. Dyeing and like machine. 1,906,801; May 2.
- Mather Spring Company, The. (See Nilsson, Robert W., assignor.)
- Mathers, Frank C., Bloomington, Ind., and L. Bateman, East Lansing, Mich., assignors to United States Smelting, Refining & Mining Company, Portland, Me. Electrodeposition of metals. 1,895,675; Jan. 31.
- Mathers, Harry M., assignor of thirty-nine one-hundredths to H. M. Covey, nineteen one-hundredths to F. L. Matter and three one-hundredths to A. Rueger, Portland, Ore. Date indicating calendar. 1,894,470; Jan. 17.
- Mathes, Robert C., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Two-way radio communication system. 1,922,627; Aug. 15.
- Mathesius, Walther, Chicago, Ill. Hot top for ingot molds. 1,900,066; Mar. 7.
- Matheson, Avery A., assignor to Agfa Ansco Corporation, Binghamton, N. Y. Merchandising and display receptacle. 1,904,760; Apr. 18.
- Matheson, Axel C., Minneapolis, Minn. Piston. 1,900,991; Mar. 14.
- Matheson, George L. (See Maverick, G. M., and Matheson.)
- Matheu, James M., New York, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shaping uppers over lasts. 1,916,275; July 4.
- Mathews Conveyor Company. (See Adams, Charles A., assignor.)
- Mathews Conveyor Company. (See Anderson, Martin J., assignor.)
- Mathews, Milton, Sedalia, Mo. Device for extracting metal members. 1,900,654; Mar. 7.
- Mathews, Paul. (See Wellings, J. G., Mayo, and Mathews.)
- Mathews, Samuel S. (See Martin, George C., assignor.)
- Mathews, Verne P., Flint, Mich., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,930,317; Oct. 10.
- Mathewson, Herbert R. (See Perry, T. C., and Mathewson.)
- Mathewson, Wilfred B. (See Tervo, O., and Mathewson.)
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Co. Inc., Boston, Mass. Mattress-tufting machine. 1,894,409; Jan. 17.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Boston, Mass. Tufting mattresses. 1,922,212; Aug. 15.
- Mathewson, Wilfred B., assignor to United Mattress Machinery Company, Quincy, Mass. Tufting button. 1,924,212; Aug. 29.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Co. Inc., Quincy, Mass. Implement for applying tufting buttons to mattresses or the like. 1,936,726; Nov. 28.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Quincy, Mass. Tufting button. 1,941,180; Dec. 26.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Quincy, Mass. Tufting button. 1,941,408; Dec. 26.
- Mathewson, Wilfred B., North Weymouth, assignor to United Mattress Machinery Company, Quincy, Mass. Tufting button. 1,941,409; Dec. 26.
- Mathewson, Wilfred B., South Weymouth, assignor to United Mattress Machinery Company, Boston, Mass. Mattress tufting machine. 1,922,211; Aug. 15.
- Mathey, Joseph W., Struthers, Ohio. Clutch mechanism for punch presses. 1,916,324; July 4.
- Mathey, Nicholas W., Boston, Mass. Finish removing machine. 1,918,769; July 18.
- Mathias, David L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Welding electrode. 1,930,530; Oct. 17.
- Mathias, David L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Welding electrode. 1,936,799; Nov. 28.
- Mathias, Henry L., Amsterdam, N. Y. Outboard motor transmission. 1,933,481; Oct. 31.
- Mathias, Henry L., Amsterdam, N. Y. Outboard motor transmission. 1,941,360; Dec. 26.
- Mathias, Maximilian, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Automatic telephone system. 1,901,179; Mar. 14.
- Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Transfer mechanism. 1,904,493; Apr. 18.
- Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Forming and threading machine. 1,912,211; May 30.
- Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Chuck and chuck indexing mechanism. 1,912,339; May 30.
- Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Feeding mechanism for screw threading machines. 1,912,340; May 30.
- Mathieson Alkali Works, Inc., The. (See Evans, George S., assignor.)
- Mathieson Alkali Works, Inc., The. (See Hecker, Arthur E., assignor.)
- Mathieson Alkali Works, Inc., The. (See Kienle, John A., assignor.)
- Mathieson Alkali Works, The. (See Michalek, John C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Sommers, Howard A., assignors.)
- Mathieson Alkali Works, Inc. (See Taylor, Maurice C., assignor.)
- Mathieson Alkali Works, The. (See Taylor, M. C., and Richardson, assignors.)
- Mathieson Alkali Works, Inc., The. (See Glenn, Charles S., assignor.)
- Mathieson Alkali Works, Inc. (See Taylor, M. C., and White, assignors.)
- Mathieson Alkali Works, Inc., The. (See Tressler, Donald K., assignor.)
- Mathieson Alkali Works, Inc., The. (See Weber, Matthew, Jr., assignor.)
- Mathieson, John G., Donora, Pa., assignor to The American Steel and Wire Company of New Jersey. Apparatus for transferring rod bundles. 1,911,912; May 30.

- Mathieson, Martin H., deceased, Detroit, Mich., Union Guardian Trust Company, executor. Stamping front one-piece automobile fenders. 1,898,883; Feb. 21.
- Mathieu, André, Brussels, Belgium. Carburetor. 1,937,830; Dec. 5.
- Mathieu, Eugène, Neuilly-sur-Seine, France. Carburetor. 1,895,470; Jan. 31.
- Mathieu, Eugène, Neuilly-sur-Seine, France. Carburetor. 1,895,471; Jan. 31.
- Mathieu, Eugène, Neuilly-sur-Seine, France. Construction of carburetors. 1,911,838; May 30.
- Mathieu, Gaston A., London, and G. A. Isted, Essex, England, assignors to Radio Corporation of America. Automatic gain control. 1,905,946; Apr. 25.
- Mathieu, Gaston A., London, and S. B. Smith, Chelmsford, England, assignors to Radio Corporation of America. Thermionic valve holder. 1,907,992; May 9.
- Mathieu, Laurence M. (See Nuttall, Fred D., assignor.)
- Mathieu, Marie E., Alencon, France. Safety device for overhead electric lines. 1,919,663; July 25.
- Mathis, Allen W., et al. (See Vera, John F., assignor.)
- Mathon, Napoleon F., Waterbury, Conn., assignor to The Mantle Lamp Company of America, Chicago, Ill. Tripod for shades. 1,906,326; May 2.
- Matifas, Gaston, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,671; Sept. 12.
- Matile, Pascal. (See Jean, M. C., and Matile.)
- Matkin, Roy F., Liberal, Kans. Thrust bearing. 1,932,592; Oct. 31.
- Matless Cell Patent Holding Corporation. (See Forrester, David L., assignor.)
- Matsen, Marcus J., Chicago, Ill. Display unit for counters and the like. 1,936,458; Nov. 21.
- Matson, Amel E. (See Holt, G. J., Hocking, Matson, and Knickerbocker.)
- Matson, Carl A., Lynnfield, Mass. Massaging machine. 1,931,849; Oct. 24.
- Matson, Carl A., Lynnfield, Mass., assignor to The Matson Company, Concord, N. H. Reverse brake. 1,919,474; July 25.
- Matson, Carl A., Danvers, assignor, by mesne assignments, to Shoe Lace Company, Boston, Mass. Tipped lace. 1,941,129; Dec. 26.
- Matson Company, The. (See Matson, Carl A., assignor.)
- Matson, Leroy A., Park Ridge, Ill., assignor, by mesne assignments, to Grigsby-Grunow Company. Refrigerator. 1,931,503; Oct. 24.
- Matson, Robert, Detroit, Mich. Tripod brace. 1,907,210; May 2.
- Matsunawa, Shinta, Igigi Machi, Toyotama Gun, and Fusatoshi Nozawa, Higashi Chofu Machi, Ebara Gun, Tokyo Fu, Japan. Lubricant and preparing same. 1,893,094; Jan. 3.
- Matsunawa, Shinto, F. Nozawa, and M. Suzuki, Tokyo, assignors to Kabushiki Kaisha Sumitomo Seikosho, Osaka, Japan. Heat-treatment of metals. 1,916,931; July 4.
- Matt, Morris C., assignor to Abbotts Dairies, Inc., Philadelphia, Pa. Therapeutic milk product and making same. 1,899,317; Feb. 28.
- Matt, Peter P., St. Louis, Mo. Shade sewing device. 1,903,468; Apr. 11.
- Matt, Peter P., St. Louis, Mo. Adjustable spring roller shade. 1,912,379; June 6.
- Mattacchione, Natalino, Wilson, Pa. Internal combustion engine. 1,940,003; Dec. 19.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Tuning fork generator. 1,904,494; Apr. 18.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Tuning fork generator. 1,909,414; May 16.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Multifrequency transmission measuring system. 1,913,495; June 13.
- Matte, Andrew L., Summit, N. J., assignor to American Telephone and Telegraph Company. Automatic recorder for transmission efficiency. 1,913,496; June 13.
- Matter, Frank L., et al. (See Mathers, Harry M., assignor.)
- Matter, Gustave O., Portland, Oreg. Advertising device. 1,900,187; Mar. 7.
- Matter, James K., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Culinary article. 1,925,700; Sept. 5.
- Matter, James K., and J. T. Weinzierl, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Cooking utensil lid. 1,928,298; Sept. 26.
- Matter, Nathan A. (See Adler, H. G., and Matter.)
- Matter, O. E., et al. (See Sprake, Edmund T., assignor.)
- Matter, Oskar, Cologne Marienburg, Germany. Preparing explosive charges. 1,903,594; Apr. 11.
- Mattern, George C., Jr., and W. M. Duke, assignors to The Crawford, McGregor and Canby Company, Dayton, Ohio. Grip cap. 1,914,781; June 20.
- Mattern, Herman T., assignor to Hempy-Cooper Manufacturing Company, Kansas City, Mo. Chuck. 1,900,188; Mar. 7.
- Mattern, Herman T., and C. Lindstrom, assignors to Hempy-Cooper Manufacturing Company, Kansas City, Mo. Expanding mandrel. 1,921,316; Aug. 8.
- Mattern, Joel H., Altoona, Pa. Weather strip for car doors. 1,921,422; Aug. 8.
- Mattern, Raymond P., Wauwatosa, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Manufacturing resistor units. 1,918,050; July 11.
- Matteson, George A., Los Angeles, Calif. Water heater. 1,916,625; July 4.
- Matteson, George F., Rockyhill, Conn. Ball grinding machine. 1,921,686; Aug. 8.
- Matteson, George F., Rockyhill, assignor to The Abbott Ball Company, Elmwood, Conn. Feeding mechanism. 1,898,979; Feb. 21.
- Matteson, Jesse O., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. Des. 89,903; May 16.
- Matteson, Jesse O., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Outdoor billiard table. 1,933,917; Nov. 7.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley harp. 1,893,373; Jan. 3.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Crossover device. 1,895,044; Jan. 24.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley support. 1,895,581; Jan. 31.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 1,901,401; Mar. 14.
- Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Connecting device for trolley wire supports. 1,927,214; Sept. 19.
- Matthew, John B. (See Raver, William, assignor.)
- Matthews, Alice C. (See Matthews, Harry.)
- Matthews, Claud L., and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Electrical cut-out. 1,899,915; Feb. 28.
- Matthews, Edward, Hamilton, Ontario, Canada. Floor-waxing device. 1,936,727; Nov. 28.
- Matthews, Francis A. (See Almond, L. L., Herrington, and Matthews, assignors.)
- Matthews, George A., Detroit, Mich. Electric cable post-head. 1,909,590; May 16.
- Matthews, George A., Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Outdoor switch contact. 1,901,607; Mar. 14.
- Matthews, Gertrude F. (See Black, J. C., and Matthews.)
- Matthews, Guy L., assignor to H. L. Diehl, Chicago, Ill. Gut string splitting peg. 1,925,841; Sept. 5.
- Matthews, H. A., Manufacturing Company, The. (See Boesel, Otto A., assignor.)
- Matthews, Harry, deceased, Tarentum, Pa., distributed by court to Alice C. Matthews, widow. Display container. 1,904,648; Apr. 18.
- Matthews, Herbert. (See Seator, Robert J., assignor.)
- Matthews, Howard W. (See Berger, E. J., Matthews, and Spayd.)
- Matthews, James H., Pittsburgh, Pa., and L. M. Harley, Brooklyn, N. Y., assignors to Jas. H. Matthews & Co. Forming a rubber stencil sheet. 1,911,765; May 30.
- Matthews, Jas. H., & Co. (See Matthews, J. H., and Harley, assignors.)
- Matthews, John G., Berea, Ohio. Butcher's block plane and cleaner. 1,899,204; Feb. 28.
- Matthews, John H., Nutley, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Vulcanizer. 1,908,266; May 9.
- Matthews, Joseph L., New Brunswick, N. J., assignor to International Motor Company, New York, N. Y. Manufacturing gearing. 1,902,656; Mar. 21.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Stabilizer for floating engine mountings. 1,908,775; May 16.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Steering mechanism. 1,908,776; May 16.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Clutch vibration damper. 1,912,004; May 30.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Steering knuckle. 1,932,528; Oct. 31.
- Matthews, Philip E., Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Locking device for differential mechanisms. 1,938,848; Dec. 12.
- Matthews, Robertson, Detroit, Mich. Egg timer. 1,921,036; Aug. 8.
- Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
- Matthews, W. N., Corporation. (See Boll, Lester P., assignor.)
- Matthews, W. N., Corporation. (See Matthews, C. I., and Birkenmaier, assignors.)
- Matthews, William H., Fort Valley, Ga. Tank cover. 1,902,456; Mar. 21.
- Matthews, William H., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,905,037; Apr. 25.
- Matthews, William V., McKeesport, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric fan. Des. 90,588; Aug. 29.
- Matthey-Doret, André, Baden, and J. Stoeklin, Zurich, Switzerland, assignors to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Protective relay. 1,906,477; May 2.

- Matthey, Johnson, & Company Limited. (See Powell, A. R., and Davies, assignors.)
- Matthias, Gilbert L., Cuyaboga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing apparatus. 1,905,929; Apr. 25.
- Matthias, Gilbert L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Driving belt and making the same. 1,939,859; Dec. 19.
- Matthias, Lyon H., assignor to Allen-Bradley Company, Milwaukee, Wis. Contact for electrical circuit breaker mechanisms. 1,940,962; Dec. 26.
- Matthiessen & Hegeler Zinc Co. (See Bennett, Thomas H., assignor.)
- Matthiessen & Hegeler Zinc Co. (See Gerlach, Oscar, assignor.)
- Mattice, William J., Primghar, Iowa. Blade for road maintainers. 1,894,410; Jan. 17.
- Mattin, Harry E., assignor to Joseph H. Meyer, Brothers, Brooklyn, N. Y. Surface ornamenting composition and preparing and applying the same. 1,922,548; Aug. 15.
- Mattingley, Edward H., assignor to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Railway car. Re18,735; Feb. 14.
- Mattingly, Harold W., Swissvale, and W. F. Eames, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Elevator control system. 1,924,327; Aug. 29.
- Mattingly, Leonard H. (See Urch, Raymond G., assignor.)
- Mattingly, Thomas B., Huntington Park, Calif. Closure operating device. 1,903,056; Mar. 28.
- Mattison, Carl L., assignor to Mattison Machine Works, Rockford, Ill. Abrading machine. 1,937,771; Dec. 5.
- Mattison, Edward H., Marshfield, Wis. Lamp reflector. 1,917,990; July 11.
- Mattison Machine Works. (See Mattison, Carl L., assignor.)
- Mattison Machine Works. (See Whittles, Joseph R., assignor.)
- Mattison, Willis M. (See Stromberg, Pehr W., assignor.)
- Mattler, Peter, assignor to Johnson-Stephens & Shinkle Shoe Company, St. Louis, Mo. Method and apparatus for weaving. 1,901,250; Mar. 14.
- Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Advertising globe. 1,933,866; Nov. 7.
- Mattson, George W., Denver, Colo. Table for automobiles and the like. 1,928,731; Oct. 3.
- Mattson, Martin, Loomis, Nebr. Tractor guide. 1,938,436; Dec. 5.
- Mattson, Robert O., Oakland, Calif. Screw propeller. 1,915,685; June 27.
- Matush, Milan A. (See Andrus, O. E., and Matush.)
- Matzner, Hyman, New York, N. Y., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Indicator for radioreceivers. Re18,796; Apr. 18.
- Matzow, Paul, Magdeburg, Germany. Device for producing cast chains composed of single links. 1,920,578; Aug. 1.
- Mau, Edward A., Arlington, N. J., and O. F. Hutchinson, assignors to Rockbestos Products Corporation, New Haven, Conn. Insulating wire. 1,893,590; Jan. 10.
- Mau, Edward A., Arlington, N. J., and O. F. Hutchinson, assignors to Rockbestos Products Corporation, New Haven, Conn. Apparatus for insulating wire. 1,918,344; July 18.
- Mauck, Victor, Bryn Mawr, assignor to Master Domestic Refrigerating Company, Inc., Conshohocken, Pa. Refrigerating apparatus. 1,929,954; Oct. 10.
- Maugé, Louis, Lyon, France, assignor to Du Pont Rayon Company, New York, N. Y. Treating artificial thread. 1,927,412; Sept. 19.
- Mauger, Jacques G., assignor to Société dite: Maison Camus-Duchermin Société Anonyme, Paris, France. Direct manufacture of ketones from impure volatile acids. 1,904,495; Apr. 18.
- Maujole, Lucien E. (See Gobereau, R. R., and Maujole.)
- Maul, Henry C., assignor to Detroit-Michigan Stove Company, Detroit, Mich. Heater and firebox therefor. 1,907,077; May 2.
- Maul, Henry C., assignor to Detroit-Michigan Stove Company, Detroit, Mich. Gas range. 1,925,810; Sept. 5.
- Maul, Johann. (See Meister, F., and Maul.)
- Maul, Michael, Berlin, Germany, assignor to The Tabulating Machine Company, Endicott, N. Y. Accounting machine for punching totals. 1,896,551; Feb. 7.
- Maul, Peter J., Detroit, Mich., and M. Hoffman, Chicago, Ill. Coated concrete. 1,900,833; Mar. 7.
- Maul, Peter J., Detroit, Mich. Building block. 1,915,896; June 27.
- Maul, Peter J., Detroit, Mich., and M. Hoffman, Chicago, Ill. Molded block. 1,922,774; Aug. 15.
- Maulen, Frederick, East Orange, assignor to Baker & Company, Inc., Newark, N. J. Pin for artificial teeth. 1,936,333; Nov. 21.
- Mauil, James L., Orlando, Fla. Fruit juice extractor. 1,922,773; Aug. 15.
- Mauil, James L., Orlando, Fla. Fruit-juice-extracting apparatus. 1,925,196; Sept. 5.
- Maulsby, John R. (See Maulsby, Zene R. and J. R.)
- Maulsby Machine Company. (See Maulsby, Zene R. and J. R., assignors.)
- Maulsby, Zene R. and J. R., assignors to Maulsby Machine Company, Inc., Everett, Wash. Fabric forming machine. Re18,705; Jan. 3.
- Maurel, Henry F., assignor to Maurel Investment Corporation, Providence, R. I. Rendering fuel briquettes hard and smokeless. 1,908,910; May 16.
- Maurel, Henry F., assignor to Maurel Investment Corporation, Providence, R. I. Oven for carbonizing coal briquettes. 1,908,911; May 16.
- Maurel Investment Corporation. (See Maurel, Henry F., assignor.)
- Maurer, Edward C., St. Paul, Minn. Laundry sorting machine. 1,902,088; Mar. 21.
- Maurer, Edward C., St. Paul, Minn. Assembling reel for laundries. 1,909,700; May 16.
- Maurer, Edwin R., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Tie rod end. 1,919,797; July 25.
- Maurer, Edwin R., Detroit, and D. M. Ferguson, Highland Park, assignors, by mesne assignments, to Continental-Divco Company, Detroit, Mich. Delivery vehicle. 1,899,205; Feb. 28.
- Maurer, Edwin R., Detroit, and D. M. Ferguson, Highland Park, assignors, by mesne assignments, to Continental-Divco Company, Detroit, Mich. Drop center delivery vehicle. 1,903,529; Apr. 11.
- Maurer, Frank H., Philadelphia, Pa. Window shade fixture. 1,914,379; June 20.
- Maurer, John A., Jr., New York, N. Y., assignor to Radio Corporation of America. Multiple motion picture projection. 1,931,668; Oct. 24.
- Maurer, Joseph W. (See Mitchell, H. C., and Maurer.)
- Maurer, Paul, Clifton, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,909,415; May 16.
- Maurer, Paul, Clifton, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,936,638; Nov. 28.
- Maurer, Paul H., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,932,979; Oct. 31.
- Maurer, Rufus H., Brookline, assignor to Spencer Thermostat Company, Cambridge, Mass. Ignition system for gas burners. 1,901,251; Mar. 14.
- Maurer, William, Queens Village, N. Y. Method and apparatus for making ice cream bars, sticks, or the like. 1,900,355; Mar. 7.
- Maurette, Gerald A., Medford, Mass. Cigarette-holding ring. 1,935,479; Nov. 14.
- Maurice, Charles E., et al. (See Maury, A. D., and Fitz Gerald, assignors.)
- Maury, Alfred D., Ilion, assignor to Martin Automatic Fishing Reel Co., Inc., Mohawk, N. Y. Brake mechanism for automatic fishing reels. 1,909,621; May 16.
- Maury, Alfred D., Ilion, and J. A. Fitz Gerald, Utica, assignors of one-third to T. W. Schmidt, Ilion, one-sixth to C. E. Maurice, Mohawk, N. Y., one-third to said J. A. Fitz Gerald and one-sixth to said A. D. Maury. Periscope attachment for cash registers. 1,920,473; Aug. 1.
- Maury, Charles, and V. A. Houssin, Bordeaux, France. Device for giving moving pictures the appearance of relief. 1,919,115; July 18.
- Maury, Greenhow, jr. (See Johnston, Greenhow, assignor.)
- Maus, Frank J. (See Franklin, L. W., and Maus.)
- Maus, Tennyson D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel tire. 1,927,801; Sept. 19.
- Mausser-Werke A.-G. (See Stuber, Wilhelm, assignor.)
- Maust, Ernest J. (See Darby, G. M., Maust.)
- Mauthe, Gustav. (See Doser, A., and Mauthe.)
- Mauthe, Gustav. (See Huismann, J., and Mauthe.)
- Mauthe, Gustav. (See Noerr, H., Mauthe, and Doser.)
- Mautsch, Robert, Brussels, Belgium. Heat exchange apparatus. 1,929,365; Oct. 3.
- Mautsch, Robert, assignor to Manufacture Generale Metallurgique, Société Anonyme, Brussels, Belgium. Heat exchange apparatus. 1,915,742; June 27.
- Mautsch, Robert, assignor to Manufacture Generale Metallurgique, Société Anonyme, Brussels, Belgium. Heat exchange apparatus. 1,920,313; Aug. 1.
- Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Remote control mechanism. 1,935,806; Nov. 21.
- Mauzin, André E., Paris, France. Device for recording the warp of railway tracks. 1,906,170; Apr. 25.
- Maverick, George M., and G. L. Matheson, Elizabeth, N. J., assignors to Standard Oil Development Company. Filtering used motor oils. 1,914,999; June 20.
- Maves, Stanley E., Freeport, Ill., and W. M. Cushman, Washington, D. C., assignors to Western Newell Mfg. Co., Freeport, Ill. Curtain stretcher. 1,940,600; Dec. 19.
- Mavis Machine Corporation. (See Davis, Henry K. B., assignor.)
- Mavor & Coulsons, Limited. (See Mavor, John B., assignor.)
- Mavor & Coulson Limited. (See Thomson, James, assignor.)
- Mavor, John B., Mile End, Glasgow, assignor to Mavor & Coulsons, Limited, Glasgow, Scotland. Conveyor. 1,895,551; Jan. 31.
- Maw, Robert, Montreal, Quebec, Canada. Hydraulic transmission system. 1,904,496; Apr. 18.

- Mawer, Llywelyn, Bishopston, Bristol, assignor of one-half to The Churchill Machine Tool Company Limited, Manchester, England. Cam and like grinding machine. 1,894,382; Jan. 17.
- Mawhinney, Matthew H., assignor to The Electric Furnace Company, Salem, Ohio. Recuperative soaking-pit furnace. 1,915,470; June 27.
- Max Ams Chemical Engineering Corporation, The. (See Brenzinger, Julius, assignor.)
- Maxam, Lester L., Los Angeles, assignor of one-third to C. S. Crews, San Pedro, Calif. Fused electrical plug. 1,902,568; Mar. 21.
- Maxen, Frank, Brimsdown, England. Time for use in soil sterilizing apparatus. 1,895,335; Jan. 24.
- Maxfield, Arthur C., Cranston, R. I., assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Holder for machine tools. Re18,836; May 23.
- Maxfield, Joseph P., Maplewood, N. J., assignor to Electrical Research Products Inc., New York, N. Y. Sound picture recording system. 1,939,074; Dec. 12.
- Maxham, Donald E., and J. J. Philion, Mishawaka, Ind. Billing machine form aligners. 1,907,993; May 9.
- Maxim, Hiram H. (See Bourne, R. B., and Maxim.)
- Maxim, Hiram H., G. H. Herriott, and L. E. Knapp, assignors to The Maxim Silencer Company, Hartford, Conn. Exhaust washer and silencer. 1,938,849; Dec. 12.
- Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
- Maxim Silencer Company, The. (See Bourne, R. B., and Maxim, assignors.)
- Maxim Silencer Company, The. (See Maxim, H. H., Herriott, and Knapp, assignors.)
- Maximoff, Alexander T., New York, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Polymerization of erythrene and its homologues. 1,910,846; May 23.
- Maximoff, Alexander T., Vercelli, Italy, assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Polymerization of erythrene and its homologues. 1,910,847; May 23.
- Maximoff, Alexander T., assignor to "Chatillon" Societa Anonima Italiana per la Seta Artificiale, Milan, Italy. Obtaining lustreless artificial silks. 1,923,495; Aug. 22.
- Maxmoor Corporation. (See Moore, Arlington, assignor.)
- Maxon, Glenway. (See Ring, R. M., and Maxon.)
- Maxon, Glenway, jr., and W. Ord, deceased, Chicago, Ill., by Harriet P. Ord, executrix, Hollywood, Calif., assignors to The Engineering Development Company, Cleveland, Ohio. Mechanical fine grader. 1,904,948; Apr. 18.
- Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,896,184; Feb. 7.
- Maxwell, Arthur J. (See Maxwell, Joseph G., and A. J.)
- Maxwell, Carl A., Allentown, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Tube expander. 1,906,478; May 2.
- Maxwell, Carl A., Cuyahoga Falls, Ohio, W. C. Abell, Parsons, Kans., and L. E. Sawyer, Beaver Falls, assignors to Fuller Lehigh Company, Fullerton, Pa. Tube bending device. 1,911,028; May 23.
- Maxwell, Charles T. (See Patchell, S. E., and Maxwell.)
- Maxwell, George E., Englewood, and E. Anderson, Denver, Colo. Lock. 1,929,753; Oct. 10.
- Maxwell, Joseph G., and A. J., assignors of eleven-twentieths to Henry B. Kistler, Newcomerstown, Ohio. Rotary motor. 1,933,442; Oct. 31.
- Maxwell, Maxwell C., and F. E. Thompson, Stamford, Conn. Lock key. 1,915,897; June 27.
- Maxwell, Maxwell C., and F. E. Thompson, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,906,701; May 2.
- Maxwell, Perry T., Potosi, Mo. Gate latch. 1,896,909; Feb. 7.
- Maxwell, Ralph H., and F. J. Weidling, Wilmette, Ill. Portable electric hammer. 1,921,628; Aug. 8.
- Maxwell Steel Vault Company. (See Canedy, John D., assignor.)
- Maxwell, William H. (See Baash, L. F., and Maxwell.)
- May, Adam J., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Headrest. 1,940,361; Dec. 19.
- May, Benjamin, et al. (See Herman, Raymond L., assignor.)
- May, Carl A., Akron, Ohio. Heater for steering wheels. 1,934,988; Nov. 14.
- May, Clifford L. (See Tillotson, George L., assignor.)
- May, David T. (See Cole, I. R., May, and Weller.)
- May, Donald M., Bayside, N. Y. Screw. 1,933,332; Oct. 31.
- May, Harold V. (See Tobey, H. W., and May.)
- May Hosiery Mills. (See Smith, W. L., jr., assignor, and Lawson.)
- May Hosiery Mills. (See Smith, W. L., jr., and Lawson, assignors.)
- May, Karl P. (See Gehrig, Carl, assignor.)
- May, Lester W., et al. (See McCullough, Samuel A., assignor.)
- May, Lon T. (See Kinne, E. P., and May.)
- May Oil Burner Corporation. (See Klotzman, Aaron, assignor.)
- May, Russell P., Haddonfield, N. J., assignor to Radio Corporation of America. Talking motion picture projector. 1,921,574; Aug. 8.
- May, Walter H., Pelham Manor, assignor to Carlin Comforts, Inc., New York, N. Y. Self-balanced quilting machine. 1,937,491; Nov. 28.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Bodensee, Germany. Change speed gear. 1,924,128; Aug. 29.
- Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Change speed gear. 1,939,508; Dec. 12.
- Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
- Mayenzet, Alfred, East Orange, N. J. Demountable rim for pneumatic tires. 1,897,136; Feb. 14.
- Mayer, Arthur, Detroit, Mich. Casting straps for battery plates. 1,897,066; Feb. 14.
- Mayer China Company. (See Wain, Harry J., assignor.)
- Mayer, Daniel J., Belleville, assignor to Metal Textile Corporation, West Orange, N. J. Machine for fabricating scouring devices, mop heads, and similar articles. 1,900,356; Mar. 7.
- Mayer, Emil, Berlin-Schlachtensee, and E. Brüche, Berlin-Reinickendorf, Germany, assignors to General Electric Company, Compass. 1,919,982; July 25.
- Mayer, Fritz, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the di-thionaphthylene quinone series and preparing them. 1,914,445; June 20.
- Mayer, Hans. (See Straub, F., and Mayer.)
- Mayer, Heinrich, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Convertible vehicle top. 1,903,240; Mar. 28.
- Mayer, Josef, Karlsbad, Czechoslovakia, assignor to The Philad Company, Cleveland, Ohio. Hair waving method. Re18,841; May 30.
- Mayer, Josef, Karlsbad, Czechoslovakia, assignor to The Philad Company, Cleveland, Ohio. Hair waving appliance. Re18,852; May 30.
- Mayer, Josef, Karlsbad, Czechoslovakia, assignor to The Philad Company, Cleveland, Ohio. Hair waving apparatus. 1,894,612; Jan. 17.
- Mayer, Martin, Los Angeles, Calif. Fastening device. 1,915,610; June 27.
- Mayer, Max. (See Blumenfeld, J., and Mayer.)
- Mayer, Oscar. (See Myers, Leslie R., and Mayer.)
- Mayer, Paul H. (See Wynne, R. J., and Meyer.)
- Mayer, William H., jr., New York, N. Y. Textile fabric or similar article. Des. 89,647; Apr. 18.
- Mayers, Horace C. (See Laible, Charles L., assignor.)
- Mayhew, Elton C., assignor to Union Hardware Company, Torrington, Conn. Fishing reel. 1,912,086; May 30.
- Mayhew, George, Collingwood, assignor to David P. R. Enderby, Murrumbidgee, Victoria, Australia. Skinning pears and other relatively soft fruit. 1,895,102; Jan. 24.
- Mayhew, James E., New York, N. Y. Candy and making same. 1,927,041; Sept. 19.
- Mayhew, Kenneth W., Angelica, and M. E. Holloway, assignors to F. R. Atkinson Spring Co., Hamburg, N. Y. Covering springs and the like. 1,918,189; July 11.
- Mayhew, Peter, Barrington, R. I. Motor vehicle heater. 1,893,059; Jan. 3.
- Mayhugh, Harry D., Walton, Ky. Illuminated score board. 1,940,004; Dec. 19.
- Mayland, Emil R., and B. L. Jones, Hutchinson, Kans. Distributor lock. 1,911,704; May 30.
- Mayle, Louis A., Fremont, Ohio. Die-clearing mechanism. 1,941,016; Dec. 26.
- Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Surfacing machine. 1,893,955; Jan. 10.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Clincher-device for stapling machines. 1,898,678; Feb. 21.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Stapling machine. 1,907,849; May 9.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Stapling machine frame. Des. 91,242; Dec. 26.
- Maynard, Arthur H., Warwick, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Stapling machine. 1,936,063; Nov. 21.
- Maynard, Charles E., Northampton, assignor to R. W. Boyden and C. A. Dana as receivers of The Fisk Rubber Company, Chicopee Falls, Mass. Automatic mold closing apparatus. 1,900,455; Mar. 7.
- Maynard, Charles E., Northampton, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Airbag treating machine. 1,906,327; May 2.
- Maynard, Charles E., Northampton, assignor to R. W. Boyden and C. A. Dana, as receivers for The Fisk Rubber Company, Chicopee Falls, Mass. Vulcanizing mold. 1,906,328; May 2.
- Maynard, Charles E., Northampton, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Fluid pressure connection. 1,921,533; Aug. 8.
- Maynard, Edwin P., Denver, Colo. Controlled coaster wheeling mechanism for motor driven vehicles. 1,934,270; Nov. 7.
- Maynard, George S., Newtonville, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Pin fastener. 1,902,308; Mar. 21.
- Maynard, George S., Newtonville, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Pin fastener. 1,916,008; June 27.

- Maynard, John E., assignor to The Draper-Maynard Company, Plymouth, N. H. Infatable ball. 1,917,534; July 11.
- Maynard, John E., assignor to The Draper-Maynard Company, Plymouth, N. H. Infatable ball. 1,917,535; July 11.
- Maynard, Mark, White Bird, Idaho. Beater. 1,910,303; May 23.
- Maynard, William C., Coral Gables, Fla. Lure. 1,925,197; Sept. 5.
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for gauging sheet material. 1,925,904; Sept. 5.
- Maynes, Emma C. (See Maynes, Hyla F., assignor.)
- Maynes, Hyla F., assignor of one-half to Emma C. Maynes, North Tonawanda, N. Y. Fishing reel. 1,905,483; Apr. 25.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Front for place of amusement. 1,906,762; May 2.
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Amusement ride. 1,906,763; May 2.
- Mayo, Charles G. (See Wellings, J. G., Mayo, and Mathews.)
- Mayo, Dana H., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Boiler. 1,939,823; Dec. 19.
- Mayo, Dana H. N., Bethlehem, assignor to Fuller Lehigh Company, Fullerton, Pa. Duplex boiler and furnace wall having water walls. 1,922,665; Aug. 15.
- Mayo, Florence E., Jamaica, N. Y. Trapeze and flying rings. 1,895,721; Jan. 31.
- Mayo, Frank V., Stockton, Calif. Service-dispensing system for parked automobiles. 1,929,886; Oct. 10.
- Mayo John, Carnegie, Pa. Leer feeding device. 1,894,881; Jan. 17.
- Mayo, John, Carnegie, Pa. Leer stacker. 1,926,593; Sept. 12.
- Mayo, Robert H., London, England. Launching aircraft. 1,925,768; Sept. 5.
- Mayo, William B., Detroit, Mich., assignor to Ford Motor Company, Dearborn, Mich. Seaplane landing float. 1,937,973; Dec. 5.
- Mayoh, Frank H., Springfield, Mass. Impelling mechanism for feeding and cutting. 1,938,920; Dec. 12.
- Mayor, Jean, Lausanne, Switzerland. Installation for the preserving of fruits and vegetables by means of ultra-violet rays. 1,911,913; May 30.
- Mayr, Karl A. (See Pontow, W., Abendroth, Schroeder, and Mayr.)
- Mays, Oscar, assignor to Sioux Specialty Company, Sioux Rapids, Iowa. Comb sterilizer. 1,940,763; Dec. 26.
- Maytag Company, The. (See Bowden, W., Miller, and Mikulasek, assignors.)
- Maytag Company, The. (See Mikulasek, John, assignor.)
- Maytag Company, The. (See Miller, George L., assignor.)
- Maytag Company, The. (See Schroeder, Simon E., assignor.)
- Maytag Company, The. (See Snyder, Howard F., assignor.)
- Mayville, Lloyd, Detroit, Mich. Baseball game board. 1,925,842; Sept. 5.
- Maywhort, John A. (See Uhlmann, R. M., and Maywhort.)
- Maywood Chemical Works. (See Koch, Ernst, assignor.)
- Maywood Chemical Works. (See Weber, Friedrich W., assignor.)
- Maywood Chemical Works. (See Weber, F. W., and Schaeffer, assignors.)
- Maze, Hamilton. (See Riedel, J., Domagall, and Maze.)
- Maze, W. H., Company. (See Riedel, J., Domagall, and Maze, assignors.)
- Mazer-Cressman Cigar Co. Inc. (See McKinnon, James E., assignor.)
- Mazer, Jacob, Philadelphia, Pa. Sound absorbing structure. 1,925,453; Sept. 5.
- Mazer, Joseph, New York, N. Y. Ring contractor. 1,898,586; Feb. 21.
- Mazur, Samuel, Bristol, assignor to The Sessions Clock Company, Forestville, Conn. Starting means for electric clocks. 1,936,684; Nov. 28.
- Mazzella, Salvatore, Princeton, N. J. Removable brush head. 1,894,882; Jan. 17.
- Mazzola, Lincoln C., Geneseo, N. Y. Moisture take-up for jellies and conserves. 1,917,454; July 11.
- Mazzola, Lincoln C., Rochester, N. Y. Canning apple products. 1,934,810; Nov. 14.
- McAdam, Edward, Mill Valley, Calif. Soap dispenser. 1,940,138; Dec. 19.
- McAdams, William H. (See Weber, H. C., and McAdams.)
- McAdams, William H., Brookline, Mass., assignor to Universal Oil Products Company, Chicago, Ill. Controlling recycling of exhaust gas in internal combustion engines. 1,916,325; July 4.
- McAdoo & Allen Welting Company. (See Brown, William, assignor.)
- McAdoo & Allen Welting Company. (See Peabody, Eugene O., assignor.)
- McAdoo, William D., Troy, assignor of one-tenth to Ernest J. Schabelitz, Hendersonville, N. C. Separating valuable minerals. 1,938,037; Dec. 5.
- McAdoo, William G. (See Noyes, Hazlehurst R., assignor.)
- McAfee, Ernest, assignor of one-half to G. W. Meyer, Kansas City, Mo. Electromagnet. 1,940,687; Dec. 26.
- McAfoos, Lawrence R., Bellevue, assignor to Reliance Steel Products Company, Pittsburgh, Pa. Making furnace door frames. 1,935,853; Nov. 21.
- McAleavey, John R., Milwaukee, Wis. Window sash fastener. 1,912,648; June 6.
- McAlister, John A., jr., Takoma Park, D. C. Medicinal infusion for treating gums. 1,927,610; Sept. 19.
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Connector. 1,902,038; Mar. 21.
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Sealing device. 1,914,891; June 20.
- McAllister, Raymond C., Painted Post, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Pressure actuated governor trip. 1,922,705; Aug. 15.
- McAlpine, George R. (See Carter, J. P., and McAlpine.)
- McAlpine, William T., Wakefield, Mass. Safety gutter bracket for roofers. 1,926,207; Sept. 12.
- McAndrews & Forbes Company. (See Swift, Clement K., assignor.)
- McAnley Automatic Trap Company. (See Covey, Clarence F., assignor.)
- McAnsh, Byron A., Chicago, Ill. Refillable fuse plug. 1,915,796; June 27.
- McAnulty, Henry T., Red Lake Falls, Minn. Drinking fountain. 1,916,326; July 4.
- McArdle, Michael W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sprinkler. Des. 89,904; May 16.
- McArdle, Michael W., Chicago, Ill. Griddle. 1,901,314; Mar. 14.
- McArdle, Michael W., Chicago, Ill. Electric circuit connection. 1,901,977; Mar. 21.
- McArdle, Michael W., Chicago, Ill. Waffle griddle. 1,918,051; July 11.
- McArdle, Michael W., Chicago, Ill. Electric circuit installation for apartments. 1,932,746; Oct. 31.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Combined slicer and shredder. Des. 90,534; Aug. 22.
- McArdle, Michael W., and I. Jeppsson, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Arc health lamp. 1,933,065; Oct. 31.
- McArdle, Thomas, New York, N. Y. Hair curling and waving device. 1,921,394; Aug. 8.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electric heating apparatus. 1,900,573; Mar. 7.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Signal transmitting means. 1,901,112; Mar. 14.
- McArthur, George G., Niagara Falls, N. Y. Book stock washer. 1,904,066; Apr. 18.
- McArthur, Homer I., Atlanta, Ga. Grave vault. 1,915,025; June 20.
- McArthur, Warren, Furniture, Ltd. (See McArthur, Warren, jr., assignor.)
- McArthur, Warren, jr., Phoenix, Ariz., assignor to Warren McArthur Furniture, Ltd., Los Angeles, Calif. Furniture. 1,932,794; Oct. 31.
- McAuley, Samuel J., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Collar and shaping the same. 1,910,848; May 23.
- McAuley, Samuel J., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Shaping means. 1,910,849; May 23.
- McAuliffe, John E. (See Palmer, F., and McAuliffe.)
- McAvoy, Charles F., Forest Hills, and D. E. McAvoy, Long Island City, N. Y. Roof construction for demountable buildings. 1,925,769; Sept. 5.
- McAvoy, Daniel E. (See McAvoy, C. F. and D. E.)
- McBain, James W., Stanford University, Calif., assignor, by mesne assignments, to S. Sternau & Company, Inc., New York, N. Y. Process of gel formation and composition obtained. 1,934,725; Nov. 14.
- McBain, William C., Youngstown, Ohio. Working metal. 1,908,267; May 9.
- McBain, William C., Youngstown, Ohio. Method of and machine for straightening or leveling strip metal. 1,923,738; Aug. 22.
- McBean, Robert H. (See Golrick, A. R., and McBean.)
- McBee Binder Company. (See Rutkoskie, George A., assignor.)
- McBee Company, The. (See Connor, Roger L., assignor.)
- McBee Company, The. (See Rutkoskie, George A., assignor.)
- McBerty, Fred P., Warren, Ohio. Electric welding machine. 1,900,834; Mar. 7.
- McBride, Earl D., Oklahoma City, Okla. Adjustable fracture frame. 1,917,661; July 11.
- McBride, Frank D., Philadelphia, Pa., assignor to Berry Solder Co. Inc., New York, N. Y. Soldering flux. 1,929,895; Oct. 10.
- McBride, Louis B., Flat River, Mo. Babbitting machine. 1,929,505; Oct. 10.
- McBride, Octave O., McKinney, Tex. Electric head lamp. 1,901,180; Mar. 14.
- McBride, Robert R. (See Harm, G. O., and McBride.)
- McBride, Thomas C., Philadelphia, Pa., assignor to Worthington Pump and Machinery Corp., New York, N. Y. Locomotive feed water heater of the tank type. 1,916,736; July 4.
- McBride, Thomas C., Germantown, Pa., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Feed water heater. 1,932,114; Oct. 24.

- McBrien, Roger W., Alton, and N. F. Wilson, East Alton, Ill. Thermostatic switch. 1,914,725; June 20.
- McCaa, David G., Philadelphia, Pa. Reducing the effects of undesired oscillations. 1,931,445; Oct. 17.
- McCabe, Ira E. (See Hunciker, Karl, assignor.)
- McCabe, Ira E. (See Williams, W. W., and McCabe.)
- McCabe, Ira E., Chicago, Ill. Motor operated mechanism. 1,901,402; Mar. 14.
- McCabe, Ira E., Chicago, Ill. Constant current ignition device. 1,904,378; Apr. 18.
- McCabe, Ira E., Chicago, Ill. Water level control for boilers. 1,906,702; May 2.
- McCabe, Ira E., Chicago, Ill. Constant current transformer actuated control mechanism. 1,909,371; May 16.
- McCabe, Ira E., Chicago, Ill. Construction of mercury switches. 1,915,683; June 27.
- McCabe, Ira E., Chicago, Ill. Temperature actuated electric circuit control. 1,923,680; Aug. 22.
- McCabe, Ira E., Chicago, Ill. Solenoid operated valve. 1,923,681; Aug. 22.
- McCabe, Ira E., Chicago, Ill. Fluid fuel burner ignition device. 1,926,394; Sept. 12.
- McCabe, Ira E., Chicago, Ill. Electric switch mounting. 1,934,200; Nov. 7.
- McCabe, Ira E., Chicago, Ill. Electric mercury bulb switch. 1,936,094; Nov. 21.
- McCabe, Joseph J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Toric lens generating machine. 1,901,181; Mar. 14.
- McCabe, Otho L., assignor to William D. Shaffer, Brea, Calif. Gasket for packer assemblies. 1,928,259; Sept. 26.
- McCabe, William F., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 90,494; Aug. 15.
- McCabe, William F., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 91,243; Dec. 26.
- McCaddam, Earl D., San Francisco, Calif. Agitating apparatus. 1,904,796; Apr. 18.
- McCafferty, Robert H., Wilmington, Del., assignor to Westinghouse Electric & Manufacturing Company. Section insulator. Re18,863; June 6.
- McCafferty, Robert H., assignor to Westinghouse Electric & Manufacturing Company, Wilkesburg, Pa. Trolley wire splicer. 1,940,873; Dec. 26.
- McCafferty, Duncan R., Woodstock, Ontario, Canada. Limited ratio device. 1,938,457; Dec. 5.
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Addressograph Company, Wilmington, Del. Embossing machine. 1,893,463; Jan. 3.
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Addressograph Company, Wilmington, Del. Platen for printing and addressing machines. 1,919,958; July 25.
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Addressograph Company, Wilmington, Del. Automatic key-operating mechanism for embossing machines and the like. 1,930,058; Oct. 10.
- McCaleb, Albert G. (See Allen, Hugh E., assignor.)
- McCaleb, Albert G. (See Riegler, Edward N., assignor.)
- McCallister, Truman E., assignor to J. W. Robertson, Anderson, S. C. Hub cap. 1,929,701; Oct. 10.
- McCall, Charles D., assignor to Chrysler Corporation, Detroit, Mich. Steering gear mechanism. 1,905,484; Apr. 25.
- McCall, Charles S. (See Brasington, John M., assignor.)
- McCall Company. (See Parsons, Donald H., assignor.)
- McCall, Thaddeus D., Imperial, Calif. Citrus fruit treating machine. 1,920,095; July 25.
- McCall, Wilburn L., Marion, S. C. Miniature golf ball delivering and registering means. 1,929,556; Oct. 10.
- McCallum, Arthur L., B. P. Sutherland, and J. B. Thompson, Trail, British Columbia, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Canada. Preparing calcium nitrate from phosphate rock. 1,905,930; Apr. 25.
- McCallum, James R. (See Alexander, R. L., and McCallum.)
- McCandless, Byron, U. S. Navy. Portable camera apparatus. 1,900,020; Mar. 7.
- McCandless, Byron, U. S. Navy. Portable display screen. 1,901,182; Mar. 14.
- McCandless, Byron, U. S. Navy. Photographic projection apparatus. 1,925,149; Sept. 5.
- McCandless, Estella S., Highland Park, Mich. Curling iron. 1,924,939; Aug. 29.
- McCandless, L. L. (See Bell, William E., assignor.)
- McCandless, Lyon, Rochester, Pa., assignor to The Wayne Pump Company, Baltimore, Md. Liquid dispensing apparatus. 1,896,751; Feb. 7.
- McCann, Alfred R., Hamilton, Ohio. Vehicle parking device. 1,914,643; June 20.
- McCann, Charles J., Bay City, Mich. Dentist's mixing plate. 1,904,766; Apr. 18.
- McCann, Harry P., and H. E. Baker, assignors, by mesne assignments, to The Foundry Equipment Company, Cleveland, Ohio. Heat treating furnace. 1,897,911; Feb. 14.
- McCann, Michael, St. Albans, assignor to Frederick Osann Company, New York, N. Y. Blind stitch button sewing machine. 1,903,057; Mar. 28.
- McCann, Michael, St. Albans, assignor to Frederick Osann Company, New York, N. Y. Shanker buttons. 1,918,280; July 18.
- McCann, Michael, St. Albans, assignor to Frederick Osann Company, New York, N. Y. Shanker buttons. 1,918,281; July 18.
- McCann, Michael, St. Albans, assignor to Frederick Osann Company, New York, N. Y. Sewing machine. 1,940,501; Dec. 19.
- McCann, Neal T., Huntington Beach, assignor of one-fourth to Grover C. Dodson, Long Beach, Calif. Casing cutter. 1,897,206; Feb. 14.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,902,135; Mar. 21.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 1,926,594; Sept. 12.
- McCann, Ronald A., Swissvale, and H. S. Young, Wilkesburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,940,915; Dec. 26.
- McCann, Thomas A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Impulse transmission system. 1,900,992; Mar. 14.
- McCann, Thomas A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Time sender. 1,940,764; Dec. 26.
- McCann, William J., Lakewood, Ohio. Combination mat cutter and beveler. 1,909,780; May 16.
- McCanna, Edward P., Rockford, Ill., assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Water softener control mechanism. 1,928,384; Sept. 26.
- McCarroll, James F., Baton Rouge, La. Sawmill. 1,908,713; May 16.
- McCarron, Marie E., Hazleton, Pa. Fuel briquette. 1,914,271; June 13.
- McCarthy Business Machines Co. (See McCarthy, Florence, assignor.)
- McCarthy, Charles J. (See Alden, J. L., and McCarthy.)
- McCarthy, Charles J. (See Barry, E. H., and McCarthy.)
- McCarthy, Charles J., et al. (See Ryan, Thomas H., assignor.)
- McCarthy, Charles M., Minneapolis, Minn. Table for stretching fabric. 1,894,625; Jan. 17.
- McCarthy, Edward L. (See Garrity, J. G., and McCarthy.)
- McCarthy, Florence, assignor, by mesne assignments, to McCarthy Business Machine Co., Inc., New York, N. Y. Gathering and inserting machine. 1,916,847; July 4.
- McCarthy, Florence, assignor, by mesne assignments, to McCarthy Business Machines Co., Inc., New York, N. Y. Sheet feeder. 1,919,238; July 25.
- McCarthy, George, Jersey City, N. J. Ventilating system. 1,935,456; Nov. 14.
- McCarthy, Harvey T., Marlboro, Mass. Compressor. 1,925,332; Sept. 5.
- McCarthy, Harvey T., Marlboro, Mass. Compressor. 1,925,333; Sept. 5.
- McCarthy Improvement Company. (See Fraser, Earl, assignor.)
- McCarthy, J. Clarence. (See Kaufman, W. F., and McCarthy.)
- McCarthy, J. Clarence, Lancaster, assignor to Armstrong Cork Company, Pittsburgh, Pa. Ornamented hard surface floor covering. 1,898,375; Feb. 21.
- McCarthy, John J., Malden, Mass. Engine. 1,903,511; Apr. 11.
- McCarthy, John J., Malden, Mass. Variable speed transmission mechanism. 1,924,508; Aug. 29.
- McCarthy, John J., Malden, Mass. Windshield wiper with removable blades. 1,932,630; Oct. 31.
- McCarthy, John J., Malden, Mass. Windshield wiper. 1,937,286; Nov. 28.
- McCarthy, Joseph A., Richmond Hill, N. Y. Forced draft deflector for gas stoves. 1,902,411; Mar. 21.
- McCarthy, Louis, assignor to The Macallen Company, Boston, Mass. Machine for making composite sheets. 1,901,352; Mar. 14.
- McCarthy, Michael J. (See Millet, J. B., McCarthy, and Carey.)
- McCarthy, Philip N., Gattineau Mills, and P. Masson, Wrentham, Quebec, Canada, assignors, by mesne assignments, to Pope Appliance Corporation, Portland, Me. Mechanism for winding paper into rolls. 1,894,253; Jan. 10.
- McCarthy, Ralph, Elgin, Ill. Cleaner for furnaces, boilers, and the like. 1,917,383; July 11.
- McCarthy, William J. (See Mosher, M. P., and McCarthy.)
- McCarty, Edgar V., Los Angeles, Calif. Attachment for automatic pistol handles. 1,893,095; Jan. 3.
- McCarty, Edward W. (See Milligan, Archibald, assignor.)
- McCarty, Grace V. F., Park Ridge, Ill. Dog collar. 1,906,073; Apr. 25.
- McCarty, Harvey V., Canton, Ohio. Carburetor. 1,901,564; Mar. 14.
- McCarty, Madison P., Dallas, Tex., assignor of ten and two-tenths per cent to W. Clark, San Francisco, Calif., ten and two-tenths per cent to L. W. Orynski, Dallas, Tex., ten and two-tenths per cent to G. B. Moody, Los Angeles, Calif., ten and two-tenths per cent to E. R. Wall, McAllen, five and one-tenth per cent to R. H. Morrison, and five and one-tenth per cent to F. A. Davies, Dallas, Tex. Electromagnetic activating device. 1,932,631; Oct. 31.
- McCarty, Reanon R., West Union, Ohio. Lawn mower handle attachment. 1,914,782; June 20.

- McCarty, Roy A., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fabricated frame. 1,901,315; Mar. 14.
- McCash, Perry V., and A. W. Peeler, Seattle Wash., assignor to Electrophone Corporation. Reel control device. 1,939,181; Dec. 12.
- McCaskell, Jasper A., assignor to Utah Royalty Corporation, Salt Lake City, Utah. Device for crushing and pulverizing ore and other refractory material. 1,936,728; Nov. 28.
- McCaskey Register Company, The. (See Clark, Harold W., assignor.)
- McCaskey Register Company. (See Dunning, William E., assignor.)
- McCaskey Register Company, The. (See Gibbs, James A., assignor.)
- McCathron Boller Works Co. Inc., The. (See Hooper, Elmer A., assignor.)
- McCauley, Joseph B., Charles Town, W. Va. Antifreeze composition for radiators and the like. 1,902,287; Mar. 21.
- McCauley, Thomas, jr., Oak Park, Ill. Method and apparatus for constructing a concrete caisson. 1,921,236; Aug. 8.
- McCauley, Wallace D. (See Hubbell, C. J., and McCauley.)
- McCaulliff, Eugene, Jr. (See Bacharach, G., and McCaulliff.)
- McCausland, John W., Chicago, Ill., assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 1,920,800; Aug. 1.
- McChesney, Cuyler S., Kenmore, and F. G. Reid, and N. L. Cornell, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Bias cutting machine. 1,935,780; Nov. 21.
- McChesney, John S., Chicago, Ill. Flanged corrugated fastener. 1,904,288; Apr. 18.
- McChesney, John S., Chicago, Ill. Tack pointed flanged joint fastener. 1,934,134; Nov. 7.
- McChesney, Vernon A., Buffalo, and F. A. Milnes, Kenmore, N. Y., assignors to Aluminum Company of America, Pittsburgh, Pa. Lounging chair. Des. 90,495; Aug. 15.
- McClain, William T., Los Angeles, Calif. Dummy joint cutter for concrete pavements. 1,916,887; July 4.
- McClanahan, Ellis J., assignor to Standard Oil Company of California, San Francisco, Calif. Record folder. 1,928,337; Sept. 26.
- McClarlin, William H., sr., Bethlehem, Pa. Thumb guard and rest for pistols. 1,940,362; Dec. 19.
- McClarkey, Roy, Valley, Nebr. Bowl-holder for melted solder. 1,924,451; Aug. 29.
- McClary, Archie W. (See Frickey, R. E., and McClary.)
- McClary, David J., assignor to Baker Box Company, Worcester, Mass. Shipping crate. 1,913,057; June 6.
- McClaskey, Berne B., et al. (See Bager, Fred C., assignor.)
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for washing cans and the like. 1,914,144; June 13.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for washing cans and the like. 1,914,145; June 13.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Machine for washing cans and the like. 1,914,146; June 13.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Steam nozzle. 1,914,147; June 13.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Overload release mechanism. 1,920,017; July 25.
- McClatchie, John M., assignor to The Borden Company, New York, N. Y. Transporting means for can washers. 1,939,401; Dec. 12.
- McClauthry, Richard S., and L. V. Moore, Hammond, Ind., assignors to Standard Oil Company (Ind.), Chicago, Ill. Sweetening hydrocarbon oils. 1,927,068; Sept. 19.
- McClave-Brooks Company. (See Warg, Charles A., assignor.)
- McClay, George A., Chicago, Ill. Pipe for smoking tobacco. 1,910,927; May 23.
- McClean, Alexander W., Webster Groves, Mo. Game apparatus. 1,899,706; Feb. 28.
- McCleery, Harold L., Dowders Grove, Ill. Method of and apparatus for heating internal combustion engines to facilitate starting. 1,927,554; Sept. 19.
- McClellan, Leslie N., P. A. Kinzie, J. L. Savage, and C. M. Day, assignors to Universal Hydraulic Corporation, Denver, Colo. Combined flow control and check valve. Re-18,849; May 30.
- McClellan, Leslie N., P. A. Kinzie, J. L. Savage, and C. M. Day, assignors to Universal Hydraulic Corporation, Denver, Colo. Pressure-relief valve. Re-18,850; May 30.
- McClelland, Bert, Perkaskie, assignor to United States Gauge Company, Sellersville, Pa. Gauge baffle. 1,939,509; Dec. 12.
- McClelland, James C., assignor to Federal Electric Company, Chicago, Ill. Receptacle for luminescent discharge tubes. 1,896,365; Feb. 7.
- McClelland, John F. (See Meriau, Bryan, and McClelland.)
- McClelland, Stewart S., et al. (See Krumm, Thomas F., assignor.)
- McClenahan, Francis M., Monmouth, Ill. Prepared silica and making same. 1,903,187; Mar. 28.
- McClenahan, Francis M., Monmouth, Ill. Recovering alumina from silicates. 1,918,923; July 18.
- McClenahan, James T., Washington, D. C. Spit for smokers' pipes. 1,929,557; Oct. 10.
- McClenny, Robert W., Lewiston, N. C., and G. L. Carpenter, Benton Harbor, assignors to St. Joseph Iron Works, St. Joseph, Mich. Barrel raising machine. 1,916,381; July 4.
- McClenny, Robert W., Lewiston, N. C., and G. L. Carpenter, Benton Harbor, assignors to St. Joseph Iron Works, St. Joseph, Mich. Barrel making machine. 1,922,384; Aug. 15.
- McClintic, James F., assignor to General Motors Research Corporation, Detroit, Mich. Spray for coating molds. 1,906,388; May 2.
- McClintic-Marshall Company. (See Kerr, Andrew, assignor.)
- McClintic-Marshall Company. (See McClintic, Robert H., assignor.)
- McClintic-Marshall Company. (See McHose, Kern W., assignor.)
- McClintic-Marshall Corporation. (See Jones, J., and Johnston, assignors.)
- McClintic-Marshall Corporation. (See Overholtz, George D., assignor.)
- McClintic-Marshall Corporation. (See Teach, Jacob A., assignor.)
- McClintic, Robert H., assignor to McClintic-Marshall Company, Pittsburgh, Pa. Work spacing and fabricating apparatus. 1,915,434; June 27.
- McClintock, James W. (See Bowles, H., and McClintock.)
- McClintock, Lynn H., Los Angeles, Calif. Decorative article. 1,929,366; Oct. 3.
- McClintock, O. B., Company. (See McClintock, Oliver B., assignor.)
- McClintock, O. B., Company. (See Popp, Sylvan R., assignor.)
- McClintock, Oliver B., assignor to O. B. McClintock Company, Minneapolis, Minn. Temporary cut-out switch for vault ventilators. 1,893,900; Jan. 10.
- McClintock, Oliver B., assignor to O. B. McClintock Company, Minneapolis, Minn. Bullet resisting structure. 1,899,735; Feb. 28.
- McClintock, William. (See Pearne, F. Y., and McClintock.)
- McClintock, William E., Bellevue, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clamping device. 1,901,760; Mar. 14.
- McCloskey, Gregory E., South Orange, N. J., assignor to The Barrett Company, New York, N. Y. Method and apparatus for distilling tar and simultaneously producing high and low melting point pitches. 1,894,471; Jan. 17.
- McCloskey, Gregory E., South Orange, N. J., assignor to The Barrett Company, New York, N. Y. Apparatus and process for cutting back pitch. 1,917,384; July 11.
- McCloskey, Gregory E., Westmont, Pa., assignor to The Barrett Company, New York, N. Y. Production of pitch. 1,907,078; May 2.
- McClood, Don B., Carbondale, Ill. Explosive cartridge. 1,923,496; Aug. 22.
- McCloud, Edward H., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Door brace and guide mechanism. 1,931,166; Oct. 17.
- McClun, James W., Philadelphia, Pa. Burglarproof apparatus for banks. 1,910,472; May 23.
- McClure, Benjamin C., Chicago, Ill., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo. Inorganic resilient fibrous mass. 1,913,242; June 6.
- McClure, E. H. (See Wertz, Harvey C., assignor.)
- McClure, Frances M., New York, N. Y., assignor to The Station Furniture Manufacturing Company, Hagerstown, Md. Combined dressing table and mirror. Des. 90,254; July 4.
- McClure, Frances M., New York, N. Y., assignor to The Station Furniture Manufacturing Company, Hagerstown, Md. Bedstead. Des. 90,255; July 4.
- McClure, Frances M., New York, N. Y., assignor to The Station Furniture Manufacturing Company, Hagerstown, Md. Bedstead. Des. 90,256; July 4.
- McClure, Frances M., New York, N. Y., assignor to The Station Furniture Manufacturing Company, Hagerstown, Md. Combined dresser and mirror. Des. 90,370; July 25.
- McClure, Robert E., Warren, Ohio. Game board. Des. 89,715; Apr. 25.
- McClure, Robert E., Warren, Ohio. Game board. Des. 90,625; Sept. 5.
- McColl, Archibald I., Kalamazoo, Mich. Toilet seat. 1,933,746; Nov. 7.
- McCough, Glen W., Seattle, Wash. Massage device. 1,933,989; Nov. 7.
- McCough, James H., San Jose, Calif. Variable pitch and reversible propeller. 1,929,435; Oct. 10.
- McCough, James H., San Jose, Calif. Variable-pitch propeller. 1,929,436; Oct. 10.
- McCollum, Alfred F., assignor to The Magee Carpet Co., Bloomsburg, Pa. Binding for the unselved edges of fabrics. 1,915,235; June 20.
- McCollum, Burton, assignor to McCollum Geological Explorations, Inc., Houston, Tex. Seismic exploration of geologic formations. 1,899,970; Mar. 7.

- McCollum, Burton, Houston, Tex., assignor, by mesne assignments, to The Texas Company. Seismic method of profiling geologic formations. 1,909,205; May 16.
- McCollum, Burton, Houston, Tex., assignor, by mesne assignments, to The Texas Company. Seismic method of profiling geologic formation. 1,923,107; Aug. 22.
- McCollum, Earl E., assignor to McCollum Hoist & Mfg. Co., Downers Grove, Ill. Gear mechanism. 1,913,403; June 13.
- McCollum Geological Explorations, Inc. (See McCollum, Burton, assignor.)
- McCollum, Harry J. D. (See McCollum, J. H. K. and H. J. D.)
- McCollum, Henry J. De N., Long Branch, N. J. Pneumatic clutch controller with supplemental spring. 1,938,080; Dec. 5.
- McCollum Hoist & Mfg. Co. (See McCollum, Earl E., assignor.)
- McCollum, James H. K. and H. J. D., Long Branch, N. J. Variable stroke internal combustion engine. 1,909,372; May 16.
- McCollum, William, assignor to Tingley-Reliance Corporation, Rahway, N. J. Splash guard. 1,934,135; Nov. 7.
- McCollum, William B., U. S. Army, Fitzsimons, Colo. Plotting device. 1,937,831; Dec. 5.
- McCollm, Joseph H., Gaston, Ind. Road grader. 1,936,518; Nov. 21.
- McComb, Alfred H., assignor of one-half to E. R. Peacock, Chicago, Ill. Drying and preserving process for fruits and vegetables. 1,929,437; Oct. 10.
- McComb, Henry G., Chicago, Ill., and W. D. Collins, Evansville, Ind., assignors to Servel Inc., New York, N. Y. Refrigeration. 1,892,960; Jan. 3.
- McCombs, William H., Redwood City, Calif. Road roller and trailer. 1,939,909; Dec. 19.
- McConkey, Montgomery M. (See Dodge, A. Y., and McConkey.)
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake-operating mechanism. 1,898,306; Feb. 21.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake-applying means. 1,908,435; May 9.
- McConkey, Montgomery W., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake-operating mechanism. 1,930,105; Oct. 10.
- McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake-operating means. 1,936,910; Nov. 28.
- McConkey, Thomas C., and G. Picard, assignors to The B. J. Coghill Company Limited, Montreal, Quebec, Canada. Spring control. 1,892,991; Jan. 3.
- McConkey, Walter N., Lima, Ohio. Water softening apparatus. 1,939,182; Dec. 12.
- McConaughay, Kenneth E. (See Knox, Alexander W., assignor.)
- McConnell, Duncan A. (See Kuskin, D., and McConnell.)
- McConnell, Elliott B. (See Burk, R. E., and McConnell.)
- McConnell, Frederic W., Barbers, Martley, assignor to Metal Castings Limited, Worcester, England. Casting metals in metal molds or dies. 1,931,587; Oct. 24.
- McConnell, Henry K., Richmond, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Recovering nicotine from tobacco. 1,927,180; Sept. 19.
- McConnell, Samuel. (See Wilson, J. E., McConnell, and Brown.)
- McConway & Torley Company. (See Regan, William J., assignor.)
- McConway & Torley Company, The. (See Regan, W. J., and George, assignors.)
- McConway & Torley Company, The. (See Regan, W. J., and Lenherr, assignors.)
- McCool, Edward J. (See Martin, Verner L., assignor.)
- McCord, Alvin C., Chicago, Ill., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Wringer mounting and drive for washing machines. 1,936,911; Nov. 28.
- McCord, Clarence O., Cresco, Iowa. Windshield wiper. 1,894,186; Jan. 10.
- McCord, Claude M., Memphis, Tenn. Rotary well pump. 1,929,754; Oct. 10.
- McCord Radiator & Mfg. Co. (See Bailey, Claude B., assignor.)
- McCord Radiator & Mfg. Co. (See Gould, John H., assignor.)
- McCord Radiator & Mfg. Co. (See McCord, Alvin C., assignor.)
- McCord Radiator & Mfg. Co. (See Parsons, Clyde A., assignor.)
- McCord Radiator & Manufacturing Company. (See Bodkin, Edwin O., assignor.)
- McCord Radiator & Manufacturing Company. (See Hawkins, Bert H., assignor.)
- McCorquodale, William P., South Hadley Falls, assignor to Esleek Manufacturing Company, Turners Falls, Mass. Paper drying apparatus of the festoon type. 1,924,612; Aug. 29.
- McCormack, Alex A. (See Floyd, W. B., and McCormack.)
- McCormack, Alex A., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,910,996; May 23.
- McCormack, Alex A., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,913,844; June 13.
- McCormack, Alex A., assignor to Frigidaire Corporation, Dayton, Ohio. 1,931,323; Oct. 17.
- McCormack, Perry R. (See Landrum, John P., assignor.)
- McCormick, Charles E., Royal Oak, Mich. Weather strip. 1,899,100; Feb. 28.
- McCormick, Clarence B., Poland, assignor to The Republic Rubber Company, Youngstown, Ohio. Soapstoning device. 1,906,866; May 2.
- McCormick & Company. (See Badertscher, Amos E., assignor.)
- McCormick & Co. (See Luttrell, James G., assignor.)
- McCormick, Daniel J., Brooklyn, assignor of twenty-five per cent to P. Kolisch, New York, N. Y. Highway traffic control system. 1,921,423; Aug. 8.
- McCormack, Daniel J., assignor to S. Morgan Smith Company, York, Pa. Shaft bearing for hydraulic turbines. 1,936,767; Nov. 28.
- McCormack, Daniel J., assignor to S. Morgan Smith Company, York, Pa. Hydraulic turbine. 1,937,772; Dec. 5.
- McCormick, David F., Staunton, Va., assignor to Kaolin Processes Inc., Elizabeth, N. J. Treating clay. 1,930,247; Oct. 10.
- McCormick, Elmer. (See Court, F. T., and McCormick.)
- McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 1,928,109; Sept. 26.
- McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Steering mechanism. 1,929,646; Oct. 10.
- McCormick, Frank H., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Impregnated paper product. 1,913,283; June 6.
- McCormick, Fred W., Grand Rapids, Mich. Latch. 1,930,531; Oct. 17.
- McCormick, George, Redwood City, and F. E. Russell, Alameda, Calif. Boiler drop-plug. 1,900,357; Mar. 7.
- McCormick, George C., Needham, assignor to General Alloys Company, Boston, Mass. Conveyor for heat treating furnaces. 1,911,457; May 30.
- McCormick, George C., Needham, assignor to General Alloys Company, Boston, Mass. Covering for furnace combustion chambers. 1,911,458; May 30.
- McCormick, Harold V. (See Ellis, C. E., jr., and McCormick.)
- McCormick, Harold V., Evanston, Ill., assignor to Westinghouse Electric Elevator Company. Elevator-door-operating system. 1,906,703; May 2.
- McCormick, Harold V., Evanston, Ill., assignor to Westinghouse Electric Elevator Company. Elevator system. 1,924,867; Aug. 29.
- McCormick, Harold V., Long Beach, N. Y., assignor, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator door operating mechanism. 1,909,063; May 16.
- McCormick, Harold V., Long Beach, N. Y., assignor, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator door operating device. 1,909,064; May 16.
- McCormick, Harold V., Long Beach, N. Y., assignor, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator-door-operating mechanism. 1,937,029; Nov. 28.
- McCormick, Harold V., Winnetka, Ill., assignor to Westinghouse Electric Elevator Company. Elevator safety. 1,934,508; Nov. 7.
- McCormick, John H., and F. M. Bender, assignors to Vendi Cater, Inc., Williamsport, Pa. Vending machine. 1,922,253; Aug. 15.
- McCormick, Lewis M., Palo Alto, Calif. Arch support retainer. 1,898,092; Feb. 21.
- McCormick, Thomas J., Detroit, Mich. Tire cover. 1,918,549; July 18.
- McCormick, Thomas J., and R. E. Linn, Detroit, Mich.; said Linn assignor to said T. J. McCormick. Tire cover. Des. 89,348; Feb. 28.
- McCormick, Thurman L. (See Stewart, John H., assignor.)
- McCorquodale, Wilmer E., assignor to Mrs. Gladys McCorquodale Ready, Orange, and Dr. W. H. Bennett, Humble, Tex. Hot water heater attachment. 1,901,761; Mar. 14.
- McCosh, Marshall K., Reisterstown, Md. Partition and wall. 1,919,568; July 25.
- McCosh, Marshall K., Reisterstown, Md. Vehicle jack. 1,922,549; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Vehicle jack. 1,922,550; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Vehicle jack. 1,922,551; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Vehicle jack. 1,922,552; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Lifting device. 1,922,553; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Lifting device. 1,922,554; Aug. 15.
- McCosh, Marshall K., Reisterstown, Md. Lifting device and supporting device. 1,922,555; Aug. 15.
- McCoy, Archie G., and B. W. Sunde, assignor, by mesne assignments, to Blackwell and Sunde, Inc., Long Beach, Calif. Whiptock. 1,923,448; Aug. 22.
- McCoy, Charles F. (See Hager, H. F., and McCoy.)
- McCoy, Charles W. (See Adams, George E., assignor.)
- McCoy, Charles W., Spokane, Wash. Liquid circulating system. 1,906,704; May 2.

- McCoy, Clarence E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmission device. 1,901,916; Mar. 21.
- McCoy, James P. A., Milwaukee, Wis. Varnish-like material and producing the same. 1,894,626; Jan. 17.
- McCoy, Ralph E. (See Scott, H. B., and McCoy.)
- McCoy, Walter T., assignor to The R. C. Mahon Company, Detroit, Mich. Spray booth compartment. 1,907,389; May 2.
- McCoy, William H. (See Van DeGrift, T. C., and McCoy.)
- McCracken, William J., et al. (See Raymond, Carl L., assignor.)
- McCrady, Archie R. (See Cloud, Edgar B., assignor.)
- McCrary, John A., Seminary Hill, Va. Deflector. 1,922,314; Aug. 15.
- McCray, Harold E., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 1,919,069; July 18.
- McCray, Harry F., Reno, Nev. Apparatus for purifying and cooling oil and other fluids. 1,913,680; June 13.
- McCray, William B., Winchester, Ind. Chicken feeder. 1,899,818; Feb. 28.
- McCready, James P., Berlin, N. H. Valve spring lifter. 1,895,198; Jan. 24.
- McCreary, Harold J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Modulating system. 1,934,726; Nov. 14.
- McCreary, Harold J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Television. 1,935,649; Nov. 21.
- McCreary, Harold J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Television. 1,935,650; Nov. 21.
- McCreary, Harry. (See Hall, L. M., and McCreary.)
- McCreary, Jessie H., Anderson, Ind. Holder for a thermometer or the like. Des. 89,823; May 9.
- McCreary, Miller A., assignor to The Hegeler Zinc Company, Danville, Ill. Punch press for forming sheet metal shells. 1,935,854; Nov. 21.
- McCreary, Thomas W., Monaca, Pa. Reinforced glassware. 1,938,540; Dec. 5.
- McCreary, Wilbur R. (See Vehling, Paul, and McCreary.)
- McCree, Andrew A., St. Paul, Minn. Pavement form spader. 1,934,550; Nov. 7.
- McCreery, Robert W., New York, N. Y. Collar and making the same. 1,897,486; Feb. 14.
- McCrery, Harold E. (See Richter, W. F., and McCrery.)
- McCrery, Harold E., Apollo, Pa. Thread protector. 1,931,702; Oct. 24.
- McCrery, Harold E., Apollo, assignor, by mesne assignments, to Blaw-Knox Company, Pittsburgh, Pa. Abrasive blasting nozzle. 1,923,635; Aug. 22.
- McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Dust remover. 1,928,670; Oct. 3.
- McCrery, Harold E., assignor to Blaw-Knox Company, Pittsburgh, Pa. Thread protector. 1,931,703; Oct. 24.
- McCrery, Harold E., and A. E. Jesser, Apollo, Pa. Vent plug. 1,940,601; Dec. 19.
- McCrosky, Bynum B., Oakland, Calif. Propeller. 1,921,534; Aug. 8.
- McCrosky Tool Corporation. (See Skeel, L., and Miller, assignors.)
- McCue, Clarence R. (See Armantrout, L. L., and McCue.)
- McCuen, Charles L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Rear chassis spring mounting. 1,899,913; Feb. 28.
- McCuen, Charles L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Oil pump screen. 1,903,005; Mar. 28.
- McCuen, Charles L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Manifold. 1,913,497; June 13.
- McCuen, Charles L., Lansing, assignor to General Motors Corporation, Detroit, Mich. V-8 engine. 1,916,522; July 4.
- McCulloch, John, Reading, Pa., assignor to Allegheny Steel Company. Double reduction one-pass. 1,928,227; Sept. 26.
- McCulloch, Karl M. (See McCulloch, William E., K. M., and Lorence.)
- McCulloch, Leon, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coating thermionic cathodes. 1,899,765; Feb. 28.
- McCulloch, Leon, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermionic tube electrode. 1,922,254; Aug. 15.
- McCulloch, Leon, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coating composition for electron-emitting elements. 1,939,075; Dec. 12.
- McCulloch, William E. and K. M., and R. Lorence; said Lorence assignor to James Ashley, Des Moines, Iowa. Brake pedal depressor mechanism. 1,898,376; Feb. 21.
- McCulloch, Irba E. (See McCulloch, John W., assignor.)
- McCulloch, John W., Bellflower, assignor of one-half to Irba E. McCulloch, Long Beach, Calif. Folding chair. 1,896,455; Feb. 7.
- McCullough, Charles, Canonsburg, Pa. Bracket. 1,903,340; Apr. 4.
- McCullough, Fred H., Sacramento, Calif. Fair lead pulley. 1,927,241; Sept. 19.
- McCullough, Frederick S., Edgewood, Pa. Seal for vitreous articles. 1,897,761; Feb. 14.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Glass to metal connection. 1,917,047; July 4.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Thermionic tube. 1,937,201; Nov. 28.
- McCullough, Frederick S., Edgewood, assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Seal for vitreous articles. 1,937,706; Dec. 5.
- McCullough, Frederick S., Wilkinsburg, Pa. Vacuum tube. 1,924,368; Aug. 29.
- McCullough, Frederick S., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube filament structure. 1,917,991; July 11.
- McCullough, Frederick S., assignor to The Union National Bank of Pittsburgh, Pittsburgh, Pa. Anticapacity thermionic tube. 1,937,202; Nov. 28.
- McCullough, Herbert. (See Hall, William T., assignor.)
- McCullough, Ira J., Huntington Park, Calif. Jarring tool. 1,895,227; Jan. 24.
- McCullough, Paul J., assignor to Scullin Steel Co., St. Louis, Mo. Clamping device. 1,922,446; Aug. 15.
- McCullough, Samuel A., Beaver, assignor of one-fifth to L. W. May and one-fifth to J. Conroy, Fallston, Pa. Safety curtain. 1,936,251; Nov. 21.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Noncorrodible aluminum alloy. 1,913,846; June 13.
- McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Corrosion resistant aluminum alloy. 1,932,795; Oct. 31.
- McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,938,850; Dec. 12.
- McCully, Harry H., Pittsburgh, Pa. Geometrical device. 1,912,380; June 6.
- McCune, George W., assignor of one-half to J. A. Cornell, Bridgeport, Conn. Self centering rifling head. 1,910,118; May 23.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Release valve. 1,895,472; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,895,473; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,895,474; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,895,475; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car control device. 1,895,476; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 1,895,477; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Airplane brake. 1,895,478; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,895,479; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloader. 1,895,480; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,895,481; Jan. 31.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Traction increasing device. 1,898,555; Feb. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 1,898,556; Feb. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control pedal. 1,898,557; Feb. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,898,558; Feb. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train pipe coupling. 1,901,917; Mar. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,901,918; Mar. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,914,611; June 20.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric signal system. 1,919,441; July 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,442; July 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Door control equipment. 1,919,443; July 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,444; July 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,923,157; Aug. 22.

- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety control equipment. 1,932,081; Oct. 24.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,935,807; Nov. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,935,808; Nov. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 1,935,809; Nov. 21.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake application and release valve device. 1,939,910; Dec. 19.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Angle cock device. 1,939,911; Dec. 19.
- McCurdy, Ralph N. (See Jirka, J. F., McCurdy, Slager, and Ernest.)
- McCutchen, Brunson S. (See Frantz, S. G., McCutchen, and Roberts.)
- McCutcheon, Kenneth C., Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Open hearth furnace construction. 1,900,942; Mar. 14.
- McCutcheon, Kenneth C., Ashland, Ky., assignor to The American Rolling Mill Company, Middletown, Ohio. Burner. 1,938,708; Dec. 12.
- McCutcheon, Thomas E., Washington, D. C. Tile. 1,917,139; July 4.
- McCutcheon, William N., Thornburg, and A. V. Ritts, Allison Park, Pa. Apparatus for heating. 1,913,170; June 6.
- McDanal, Michael R., Denver, Colo. Spectacle frame. Des. 89,822; May 9.
- McDaniel, Frank K. (See Bernard, J. L., and McDaniel.)
- McDaniel, Alonzo S., assignor to Loomis, Stump and Banks, New York, N. Y. Parasiticide sulphur product. 1,934,989; Nov. 14.
- McDaniel, Donald, assignor to The Hamilton Foundry and Machine Company, Hamilton, Ohio. Post cap. 1,902,511; Mar. 21.
- McDaniel, Eskel. (See Kay, W. H., and McDaniel.)
- McDaniel Glider Incorporated. (See McDaniel, Taylor, assignor.)
- McDaniel, Taylor, assignor to McDaniel Glider Incorporated, Washington, D. C. Flying machine. 1,905,298; Apr. 25.
- McDavitt, Carlisle N., Schenectady, N. Y., assignor to General Electric Company. Motor starter. 1,904,497; Apr. 18.
- McDermet, John R., assignor to Elliott Company, Jeanette, Pa. Heater. 1,917,595; July 11.
- McDermott, August, Cabot, Pa. Rail joint chair. 1,899,819; Feb. 28.
- McDermott, Charles L., Nampa, Idaho. Phonograph doll. 1,912,291; May 30.
- McDermott, Frank A., Claymont, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Noncorrosive alcohol. 1,927,842; Sept. 26.
- McDermott, Harry H., Chicago, Ill., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Garment pressing machine. 1,903,320; Apr. 4.
- McDermott, Thomas P., Boston, Mass. Soil pipe fitting. 1,928,628; Oct. 3.
- McDermott, Thomas S., assignor to Clark-Cutler-McDermott Company, Franklin, Mass. Rug lining. 1,939,562; Dec. 12.
- McDill, Rex D., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit for the market. 1,900,295; Mar. 7.
- McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)
- McDonald, A. Y., Mfg. Co. (See Siebert, Walter, assignor.)
- McDonald, Alver H., Atlanta, Ga. Sock supporter. 1,916,009; June 27.
- McDonald, Angus N., assignor to Detroit Show Case Company, Detroit, Mich. Store front sash. 1,900,248; Mar. 7.
- McDonald, Charles D., Chicago, Ill., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Apparatus for automatically stopping automatic power presses. 1,893,427; Jan. 3.
- McDonald, Charles D., Chicago, Ill., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Apparatus for automatically stopping automatic power presses. 1,893,428; Jan. 3.
- McDonald, David, Birmingham, Ala. Metal window guard attachment. 1,893,176; Jan. 3.
- McDonald Engineering Corporation. (See Fredsell, Charles R., assignor.)
- McDonald, Eugene G., assignor to Bendix Brake Company, South Bend, Ind. Brake operating connection. 1,900,123; Mar. 7.
- McDonald, Eugene G., assignor to Bendix Brake Company, South Bend, Ind. Operating device. 1,902,569; Mar. 21.
- McDonald, Eugene G., assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,915,000; June 20.
- McDonald, Eugene G., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,924,613; Aug. 29.
- McDonald, George T. (See Taylor, O. G., and McDonald.)
- McDonald, Harry R., assignor to Hart Glass Manufacturing Company, Dunkirk, Ind. Glass jar. Des. 89,403; Mar. 7.
- McDonald, Harry R., assignor to Hart Glass Manufacturing Company, Dunkirk, Ind. Jar of similar container. Des. 90,290; July 11.
- McDonald, Herman M., Glencoe, Ill. Combination garment. 1,929,506; Oct. 10.
- McDonald, John L. (See Allen, J. E., and McDonald.)
- McDonald, John M., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Tank gauging hatch. 1,929,702; Oct. 10.
- McDonald, Leland J., Pawhuska, Okla. Securing means for spectacles. 1,898,059; Feb. 21.
- McDonald, Robert E., and G. J. Scholl, San Antonio, Tex.; dedicated to the Government and the people of the United States of America. Machine for the purpose of detecting pink boll worm infestation in gin trash. 1,937,315; Nov. 28.
- McDonald, William, River Forest, Ill. Boiler water treatment. 1,895,635; Jan. 31.
- McDonald, William H., Overton, Nev. Advertising device. 1,905,239; Apr. 25.
- McDonald, William J., Chicago, Ill., assignor, by mesne assignments, to Pullman Car & Manufacturing Corporation. Brake connection. 1,926,782; Sept. 12.
- McDonnell, Frank W., et al. (See Riggs, Alger S., assignor.)
- McDonnell, Everett N., et al. (See Carlson, Oscar F., assignor.)
- McDonnell, Frank S., Milton, Mass. Dandy. 1,903,311; Apr. 4.
- McDonnell, Lucy B. (See Whitman, C. M., and McDonnell.)
- McDonnell, William E., and R. J. Groh, jr., Rochester, assignors to Shuron Optical Company, Inc., Geneva, N. Y. Eyeglass or spectacle mounting. 1,937,902; Dec. 5.
- McDonnell, William E., and R. J. Groh, jr., Rochester, assignors to Shuron Optical Company, Inc., Geneva, N. Y. Eyeglass or spectacle mounting. 1,937,903; Dec. 5.
- McDonough, Everett G., Mount Vernon, assignor to Zotos Corporation, New York, N. Y. Hair waving pad. 1,907,079; May 2.
- McDonough, Everett G., Mount Vernon, assignor to Zotos Corporation, New York, N. Y. Hair waving pad. 1,920,758; Aug. 1.
- McDonough, Everett G., Mount Vernon, assignor to Zotos Corporation, New York, N. Y. Hair waving pad. 1,920,759; Aug. 1.
- McDonough, John C., New York, N. Y., assignor to Instant Starter, Inc., Dover, Del. Starter for internal combustion engines. 1,906,986; May 2.
- McDonough, John L., and F. B. Williams, Fort Worth, Tex. Tile making machine. 1,921,237; Aug. 8.
- McDonough, Joseph G., deceased, New Orleans, La.; L. A. McDonough, administratrix. Lumber-marking machine. 1,929,703; Oct. 10.
- McDonough, Lawrence E., Chicago, Ill. Plaiting machine. 1,923,158; Aug. 22.
- McDonough, Louise A., administratrix. (See McDonough, Joseph G.)
- McDonough, Martin V., Brooklyn, N. Y. Toilet article. 1,900,609; Mar. 7.
- McDougal, Alexander M., Chicago, Ill. Vessel. 1,913,207; June 6.
- McDougal, Taine G., assignor to A C Spark Plug Company, Flint, Mich. Ceramic material and making same. 1,909,785; May 16.
- McDougal, Taine G., assignor to A C Spark Plug Company, Flint, Mich. Spark plug electrode. 1,940,314; Dec. 19.
- McDougall Company. (See Miller, Leo L., assignor.)
- McDougall, George F., assignor of two-thirds to J. S. Beall, Portland, Oreg. Pipe welding machine. 1,906,987; May 2.
- McDowell, Charles O., Fairmont, W. Va., assignor of one-half to C. Phillips Tool Co., Mannington, W. Va. Flexible bailer for wells. 1,937,707; Dec. 5.
- McDowell, Hugh, jr., Hollywood, Calif. Timing device. Des. 90,952; Oct. 31.
- McDowell, James C., Ft. Myers, Fla. Golf club. 1,932,902; Oct. 31.
- McDowell, L. A., Racine, Wis. Speed governor and driving mechanism. 1,895,199; Jan. 24.
- McDowell, La Mont A., Racine, Wis. Hammer mill cylinder. 1,909,623; May 16.
- McDowell, Robert G., Butte, Mont. Lubricator. 1,939,563; Dec. 12.
- McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Arc reducing electric switch. 1,905,038; Apr. 25.
- McDuffie, William C., receiver. (See Mason, L. R., and Griffiths, assignors.)
- McEachern, Donald, Duncans, British Columbia, Canada. Removing water from boats. 1,897,524; Feb. 14.
- McEachern, Henry R., Spokane, Wash. Ball throwing apparatus. 1,897,317; Feb. 14.
- McEachern, John, Winnipeg, Manitoba, Canada. Combination grain dump. 1,902,252; Mar. 21.
- McEachern, Joseph H., assignor to Standard Oil Company of California, San Francisco, Calif. Tank truck emergency valve system and controller. 1,902,876; Mar. 28.

- McEachron, Edgar J., and R. S. Johnson, assignors to Marathon Battery Company, Wausau, Wis. Battery construction. 1,898,377; Feb. 21.
- McEachron, Karl B., and E. J. Wade, Pittsfield, Mass., assignors to General Electric Company. Electrical discharge device. 1,902,510; Mar. 21.
- McElroy, John H. (See Kast, E. R., and McElroy.)
- McElroy, Karl P. (See Gruse, W. A., and McElroy.)
- McElroy, Robert. (See Jones, H. T., and McElroy.)
- McElroy, Roy H. and P. A. Meehan, Dayton, Ohio, assignors, by mesne assignments, to Herbert S. Simpson, Evanston, Ill. Muller. 1,910,028; May 23.
- McElroy, Roy H., and L. R. Pape, Dayton, Ohio, assignors to H. S. Simpson, Chicago, Ill. Sand conditioner. 1,931,150; Oct. 17.
- McElroy-Shepherd Laboratories, Incorporated. (See Price, John R., assignor.)
- McElroy, Thomas L., Brooklyn, N. Y. Blanket for printing presses and making the same. 1,924,328; Aug. 29.
- McEnery, Joseph P., Flushing, N. Y. Adapter or attachment for cigarette packages or the like. 1,892,676; Jan. 3.
- McEnery, Joseph P., Flushing, N. Y. Cigarette package case. 1,892,677; Jan. 3.
- McEntee, James A., and R. Pelletier, assignors to C. E. Williams, Worcester, Mass. Machine for packaging articles. 1,927,318; Sept. 19.
- McEverlast, Inc. (See Boughton, Roger C., assignor.)
- McEvoy, J. H., & Company. (See Howard, James H., assignor.)
- McEvoy, J. H., & Company. (See Howard, J. H., and Johnson, assignors.)
- McEvoy, J. H., & Company. (See Johnson, Edwin A., assignor.)
- McEvoy, J. H., & Company. (See McEvoy, J. H., jr., Johnson, and Woodward, assignors.)
- McEvoy, Joseph H., jr. (See Howard, J. H., Johnson, and McEvoy.)
- McEvoy, Joseph H., jr., and E. A. Johnson, Houston, Tex., and R. C. Woodward, Los Angeles, Calif., assignors to J. H. McEvoy & Company, Houston, Tex. Clenching machine. 1,928,653; Oct. 3.
- McEwan, Charles F., assignor to H. D. Lathrop, Chicago, Ill. Can washing machine. 1,908,526; May 9.
- McEwan, Charles F., assignor to H. D. Lathrop, Chicago, Ill. Can washing machine. 1,932,593; Oct. 31.
- McEwan, Charles F., assignor to H. D. Lathrop, Chicago, Ill. Rotary can washing machine. 1,939,308; Dec. 12.
- McEwan, Duncan, Renton, Scotland. Astronomical appliance for educational and other purposes. 1,928,025; Sept. 26.
- McEwan, Matthew H., London, England. Regenerative furnace. 1,920,872; Aug. 1.
- McEwen, Norman S., Nashville, and L. F. Moulthrop, Tyler, Tex., assignors to Pinless Shirt Folding Co., Nashville, Tenn. Shirt folding machine. 1,937,430; Nov. 28.
- McEwen, Harry W., and B. J. Balmer, said Balmer, assignor of one-half of his right to Alva C. Honeycutt, Kansas City, Mo. Permanent wave machine. 1,938,188; Dec. 5.
- McFadden, Benjamin C., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tread plate. Des. 88,976; Jan. 10.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Shade for an electric lamp. Des. 89,550; Mar. 28.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light fixture. Des. 89,905; May 16.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light fixture. Des. 89,906; May 16.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,154; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,155; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,156; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,157; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,158; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,159; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,160; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,161; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,162; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,163; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,164; Dec. 5.
- McFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light shade-holding fixture. Des. 91,244; Dec. 26.
- McFall, Robert J., Cherrydale, Va., assignor to The Tabulating Machine Company, Endicott, N. Y. Totalizing mechanism. 1,914,272; June 13.
- McFall, Robert J., Cherrydale, Va., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Totalizing mechanism. 1,926,878; Sept. 12.
- McFall, Thurlow E., Sparta, Mich. Piston ring arbor. 1,906,389; May 2.
- McFall, Thurlow E., Sparta, Mich. Knurled piston ring arbor. 1,919,239; July 25.
- McFarland, Daniel C., Norfolk, Va. Moving-picture apparatus. 1,928,183; Sept. 26.
- McFarland, Ernest L., Strasburg, Va. Combination table. 1,904,795; Apr. 18.
- McFarland, Frank, Mexico, Mo. Alleviator for hydraulic apparatus. 1,931,029; Oct. 17.
- McFarland, Heber, Lakewood, Ohio, and C. A. Herman, Bridgeport, Conn., assignors to The Martindale Electric Company, Cleveland, Ohio. Undercutter. 1,928,697; Oct. 3.
- McFarland, James C., Crafton, Pa. Measuring apparatus. 1,906,988; May 2.
- McFarland, Mildred E., San Francisco, Calif. Box for cosmetics. Des. 90,257; July 4.
- McFarlane, John W. (See Tuttle, C. M., McFarlane, and White.)
- McFarlane, Maynard L. D. (See Bartholomew, H. G., and McFarlane.)
- McFarlane, Maynard L. D., New York, N. Y., and H. G. Bartholomew, London, England. Mechanism for producing a perforated tape for reproducing pictures or the like. 1,910,556; May 23.
- McFarlane, Wilson, Los Angeles, Calif. Chamber closure for orifice fittings. 1,935,458; Dec. 5.
- McFarlin, John R., assignor to Electric Service Supplies Company, Philadelphia, Pa. Mounting bracket. 1,911,380; May 30.
- McFarlin, John R., assignor to Electric Service Supplies Company, Philadelphia, Pa. Lightning arrester. 1,923,943; Aug. 22.
- McFarlin, John R., assignor to Electric Service Supplies Co., Philadelphia, Pa. Lightning arrester. 1,935,810; Nov. 21.
- McFaul, Joseph H., Queens Village, N. Y., assignor to Cary Products Company, Inc., Chicago, Ill. Metallic matting. Des. 89,085; Jan. 24.
- McFeely, William R., Ponca City, Okla. Removable valve mechanism for underground liquid tanks. 1,905,729; Apr. 25.
- McGarry, Everett J., Chicago, Ill. Display stand. Des. 89,907; May 16.
- McGarry, Everett J., Chicago, Ill. Display device. Des. 89,908; May 16.
- McGarry, Everett J., Chicago, Ill. Combination display board and tray. Des. 90,119; June 13.
- McGarry, Frank, Philadelphia, Pa. Drapery. 1,922,170; Aug. 15.
- McGary, Francis L., Hardinsburg, Ky. Device for applying box straps. 1,920,413; Aug. 1.
- McGaugh, Calvin C., Dallas, Tex. Merchandising cabinet. Des. 90,672; Sept. 12.
- McGaughy, Franklin C., Tupelo, Miss. Fountain pen. 1,898,844; Feb. 21.
- McGaughy, John B., Tulsa, Okla., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas orifice meter chart calculating machine. Re19,009; Nov. 28.
- McGavack, John, Jackson Heights, N. Y., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Concentration and purification of latex. 1,921,575; Aug. 8.
- McGavack, John, Jackson Heights, N. Y., and A. A. Nikitin, Passaic, N. J., assignors to The Naugatuck Chemical Company, Naugatuck, Conn. Adhesive. 1,932,632; Oct. 31.
- McGee, Edgar I., Connellsville, Pa., assignor, by mesne assignments, to Alex J. Johnston, Butte, Mont. Valve. 1,906,277; May 2.
- McGee, Frank R., Steubenville, Ohio. Valve. 1,915,744; June 27.
- McGee, Kay C., Laurel Hill, N. C. Doorlock. 1,897,706; Feb. 14.
- McGee, Kay C., Laurel Hill, assignor of one-fourth to P. B. Eaton, Charlotte, N. C. Dancing toy. 1,898,735; Feb. 21.
- McGee, William L., Media Borough, Pa. Electric floor machine. 1,937,287; Nov. 28.
- McGehee, Fred H., Okolona, Miss. Pencil display rack. 1,904,067; Apr. 18.
- McGeoch, Lauchlan A. M. and W. A., Glasgow, Scotland. Tole roll holder. 1,897,266; Feb. 14.
- McGeoch, William A. (See McGeoch, Lauchlan A. M. and W. A.)
- McGeorge, James A., London, England. Valve and cock. 1,919,856; July 25.
- McGhee, Henry, Rushcutters Bay, near Sydney, New South Wales, Australia. Roller particularly for use in textile machinery. 1,904,498; Apr. 18.

- McGhee, Robert J., Virginia, Minn. Scraper. 1,900,189; Mar. 7.
- McGhee, Thomas H. (See Atkinson, Macon E., assignor.)
- McGiffert, Stephen Y., Fort Sill, Okla., and H. P. Adams, Fort Sam Houston, Tex. Train board. 1,929,250; Oct. 3.
- McGill, Chester T., Elgin, Ill. Process and apparatus for treating boiler water. 1,926,953; Sept. 12.
- McGill, Effie B., Columbus, Ohio. Shield for bassinets and the like. 1,897,525; Feb. 14.
- McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
- McGill, Rose, Evanston, Ill. Sanitary try-on cap. 1,906,990; May 2.
- McGilvray, William S. (See Sheehan, W. M., and McGilvray.)
- McGinley, W. L. (See Anderson, Arnold A., assignor.)
- McGinley, William L., assignor to Tray Service Company, Dallas, Tex. Service tray. 1,934,271; Nov. 7.
- McGinnis, Harry B., Chicago, Ill. Steam heating system. 1,902,288; Mar. 21.
- McGinnis, John A. (See Paull, A. W., and McGinnis.)
- McGinty, Katherine M., Birmingham, Ala. Card table attachment. 1,941,181; Dec. 26.
- McGirr, Theodore G., Brooklyn, N. Y. Feeding device. 1,921,764; Aug. 8.
- McGlaughen, Katherine L., St. Louis, Mo. Child's bed. 1,920,580; Aug. 1.
- McGlennon, Cornelius A., deceased, East Newark, N. J.; Harriet S. McGlennon, executrix. Marker attachment for typewriters. 1,917,727; July 11.
- McGlennon, Harriet S., executrix. (See McGlennon, Cornelius A.)
- McGlinch, Lowell A., Versailles, Ohio. Corn planter attachment. 1,924,509; Aug. 29.
- McGlyn, Richard P. (See Hailwood A. J., and McGlynn.)
- McGogy, Donald H., McMinnville, Oreg. Liquid meter. 1,893,429; Jan. 3.
- McGogy, Donald H., McMinnville, Oreg. Valve for liquid meters. 1,894,492; Jan. 17.
- McGoldrick, William J., Watertown, Mass., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Low water cut-out. 1,932,382; Oct. 24.
- McGorum, William B., Norfolk, Va. Decelerometer. 1,921,833; Aug. 8.
- McGowen, William R., assignor to The McKay Company, Pittsburgh, Pa. Glider. Des. 90,778; Sept. 26.
- McGowen, William R., McKees Rocks, assignor to The McKay Company, Pittsburgh, Pa. Furniture. 1,936,459; Nov. 21.
- McGrath, James F., assignor to A. Finkel & Sons Company, Chicago, Ill. Boring tool. 1,940,220; Dec. 19.
- McGrady, John H., and W. R. Cypher, Fremont, Ohio. Buffer wheel. 1,926,812; Sept. 12.
- McGrail, Thomas E., Montreal, Quebec, Canada. Suspension wall bracket. 1,914,974; June 20.
- McGrail, Thomas E., Montreal, Quebec, Canada. Radiator. 1,924,998; Aug. 29.
- McGrath, Allen G., assignor to The Darnell Corporation, Ltd., Long Beach, Calif. Removable wheel caster. 1,892,845; Jan. 3.
- McGrath, William H., Roselle Park, N. J., assignor to Standard Oil Development Company. Method and apparatus for condensing and purifying vapors and gases. 1,917,895; July 11.
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,923,990; Aug. 22.
- McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,923,991; Aug. 22.
- McGrath, William L., Elmira, N. Y., and D. Gregg, Caldwell, N. J., assignors, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Supercharger control. 1,933,990; Nov. 7.
- McGraw, Donald R. (See Martin, G. S., and McGraw.)
- McGraw Electric Company. (See McGraw, Max, assignor.)
- McGraw, Irving J., et al. (See Purcell, Joseph M., assignor.)
- McGraw, James A., et al. (See Purcell, Joseph M., assignor.)
- McGraw, Max, assignor to McGraw Electric Company, Chicago, Ill. Heating and refrigeration apparatus. 1,937,288; Nov. 28.
- McGreedy, Joseph A. (See Cuff, J. H., and McGreedy.)
- McGregor, Clarence E., assignor to Service Station Equipment Company, Conshohocken, Pa. Thermostat. 1,924,647; Aug. 29.
- McGregor, Henry H. (See Begley, W. E., and McGregor.)
- McGregor, Henry H. and K. E. Eck, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Material handling and cutting apparatus. 1,941,099; Dec. 26.
- McGregor, John M., and A. Ericson, assignors to Signode Steel Strapping Company, Chicago, Ill. Sealing tool. 1,893,901; Jan. 10.
- McGregor, Mildred, assignor of one-half to H. Kahellek, Fernwood, Idaho. Electrical swivel connection. 1,894,187; Jan. 10.
- McGrew, John A., Albany, N. Y. Superheater. 1,918,654; July 18.
- McGrew, John A., Albany, N. Y. Locomotive boiler construction. 1,918,655; July 18.
- McGrew, John A., Albany, N. Y. Rail sawing and drilling apparatus. 1,934,990; Nov. 14.
- McGrew, John A., Albany, N. Y., assignor to Bethlehem Steel Company. Six-wheeled motorized truck. 1,893,032; Jan. 3.
- McGuire, Cecil E., Douglas, Ariz. Air screw. 1,910,622; May 23.
- McGuire, Irving J., Dolgeville, N. Y. Automatic drain valve. 1,924,251; Aug. 29.
- McGuire, Irving J., Dolgeville, N. Y., assignor of thirty hundredths to F. W. Walden, Toledo, Ohio. Automatic drain valve. 1,924,250; Aug. 29.
- McGuire, James T., Chicago, Ill. Metal laundry bag. 1,915,196; June 20.
- McGuire, Lee R., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel and assembling reels. 1,904,158; Apr. 18.
- McGuire, Thomas R., jr., Little Rock, Ark. Dispenser. 1,935,457; Nov. 14.
- McGuire, William J., Cedar Rapids, Iowa. Bearing. 1,909,624; May 16.
- McGuirk, Charles W., Albany, N. Y., assignor to Barco Manufacturing Co., Chicago, Ill. Flexible metallic coupling. Re.18,906; Aug. 1.
- McGurl, Gilbert V., Chicago, Ill., assignor to The Koppers Company of Delaware. Marking coke. 1,924,194; Aug. 29.
- McHale, Michael J., Scranton, Pa. Flier construction. 1,904,624; Apr. 18.
- McHale, Michael J., Scranton, Pa. Flier construction. 1,920,414; Aug. 1.
- McHale, Michael J., Scranton, Pa. Flier construction. 1,931,201; Oct. 17.
- McHale, Michael J., Scranton, Pa. Flier wire. 1,932,140; Oct. 24.
- McHale, Michael J., Scranton, Pa. Flier construction. 1,935,855; Nov. 21.
- McHenry-Millhouse Manufacturing Company. (See Humphrey, Don B., assignor.)
- McHose, Kern W., Philadelphia, assignor to McClintic-Marshall Company, Pittsburgh, Pa. Joist, beam, girder, and the like. 1,918,345; July 18.
- McHose, Kern W., Narberth, Pa., assignor to McClintic-Marshall Corporation. Structural member. 1,918,346; July 18.
- McIlrath, Arnold, Pittsburgh, Pa., assignor to Hubbard and Company. Mounting for guy protectors or guards. 1,916,382; July 4.
- McIlroy, Ronald C., Lewiston, Me. Cement road padding. 1,914,520; June 20.
- McIlvaine, John H., Lake Forest, Ill. Apparatus for burning liquid fuel. 1,897,318; Feb. 14.
- McIlvried, Edwin J., Akron, assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Wire drawing drum. 1,909,373; May 16.
- McIlvried, Edwin J., Akron, assignor to the Vaughn Machinery Company, Cuyahoga Falls, Ohio. Fluid distributing means for strand working apparatus. 1,911,914; May 30.
- McIlvried, Edwin J., Cleveland, Ohio, assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Wire drawing machine. 1,904,159; Apr. 18.
- McIlvried, Edwin J., Cleveland, Ohio, assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Strand working apparatus. 1,920,207; Aug. 1.
- McIlvried, Edwin J., Akron, and J. C. Bittman, Cuyahoga Falls, assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Die mount. 1,938,190; Dec. 5.
- McIlwraith, John W., et al. (See Gill, C. C., Julian, McIlwraith, and Rutledge, assignors.)
- McIllyar, Charles T., Marietta, Ohio. Lawn mower sharpener. 1,929,326; Oct. 3.
- McInnis, George J. (See Sommers, H. A., and McInnis.)
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Making radiators. 1,909,781; May 16.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Radiator construction. 1,909,782; May 16.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Heat exchange device. 1,912,460; June 6.
- McIntire, James F., assignor to United States Radiator Corporation, Detroit, Mich. Radiator construction. 1,924,952; Aug. 29.
- McIntire, Samuel, Newton, Kans. Threshing machine. 1,917,536; July 11.
- McIntosh, Burnett, Floral Park, assignor to Frank A. Hall & Sons, New York, N. Y. Articulated bedspring. 1,941,263; Dec. 26.
- McIntosh, Burnett, Floral Park, assignor to Frank A. Hall & Sons, New York, N. Y. Operating handle for articulated bedsprings. 1,941,264; Dec. 26.
- McIntosh Electrical Corporation. (See Doane, Leon L., assignor.)
- McIntosh Electrical Corporation. (See Pullwitt, Herman P., assignor.)
- McIntosh, Nim R. (See Gott, A. E., and McIntosh.)
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Window washer's safety appliance. 1,908,436; May 9.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Refacing tool for threaded members. 1,927,463; Sept. 19.

- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Compression coupling. 1,927,464; Sept. 19.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Air conditioning apparatus. 1,927,465; Sept. 19.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Refrigerating apparatus. 1,933,918; Nov. 7.
- McIntosh, Roy E., New York, N. Y., assignor to J. Edward Ogden Company, Inc., East Orange, N. J. Expansion shield. 1,903,241; Mar. 28.
- McIntosh, Roy E., New York, N. Y., assignor to J. Edward Ogden Company, Inc., East Orange, N. J. Bolt anchor. 1,908,160; May 9.
- McIntosh, Roy E., New York, N. Y., and T. J. Noonan, Jersey City, assignors to J. Edward Ogden Company, Inc., East Orange, N. J. Bolt anchor. 1,905,730; Apr. 25.
- McIntyre, Charles. (See Brinker, H. J., and McIntyre.)
- McIntyre, E. Gertrude. (See Agey, Wallace, assignor.)
- McIntyre, Francis R., Ogden, Iowa. Cover for fuel tank openings. 1,898,378; Feb. 21.
- McIntyre, George E., and L. J. Smyth, Kansas City, Mo. Attaching fixture. 1,892,678; Jan. 3.
- McIntyre, Patrick J., Detroit, Mich. Unit heater. 1,911,522; May 30.
- McIntyre, Patrick J., Detroit, Mich. Unit heater. 1,922,815; Aug. 15.
- McIntyre, Patrick J., Detroit, Mich. Condenser. 1,940,963; Dec. 26.
- McIntyre, Patrick J., Detroit, Mich. Radiator construction. 1,940,964; Dec. 26.
- McKahn, Herbert B., assignor to Deere & Company, Moline, Ill. Transport truck for disk harrows. 1,901,183; Mar. 14.
- McKaig, Jesse F., Oklahoma City, Okla. Adjustable choke nipple. 1,895,636; Jan. 31.
- McKain, Harry L., Pittsburgh, Pa. Wreath support. 1,925,927; Sept. 5.
- McKay Company, The. (See Appleton, Wallace N., assignor.)
- McKay Company, The. (See Carpenter, James W., assignor.)
- McKay Company, The. (See Goodman, Percival, assignor.)
- McKay Company, The. (See King, B. J., and McKay.)
- McKay Company, The. (See McGowen, William R., assignor.)
- McKay Company, The. (See McKay, J. C., and King, assignors.)
- McKay Company, The. (See Sauerwald, Irvin, assignor.)
- McKay, Edward E., assignor to Revere Rubber Company, Providence, R. I. Rubber article. 1,940,315; Dec. 19.
- McKay, Eugene H., assignor to Kellogg Company, Battle Creek, Mich. Cereal food. 1,925,267; Sept. 5.
- McKay, Hobart J., and P. J. Carlsen, St. Paul, Minn., assignors, by mesne assignments, to The Richardson Company, Lockland, Ohio. Hydraulic press. 1,919,070; July 18.
- McKay, James C., and B. J. King, assignors to The McKay Company, Pittsburgh, Pa. Tire chain. 1,922,106; Aug. 15.
- McKay, John A., Coshocton, assignor to The Jones Metal Products Company, West Lafayette, Ohio. Reflector holder. 1,910,348; May 23.
- McKay, John A., Coshocton, assignor to The Jones Metal Products Company, West Lafayette, Ohio. Separable electric socket. 1,940,429; Dec. 19.
- McKay, John L., Minneapolis, Minn. Mattress protector. 1,928,943; Oct. 3.
- McKean, Frank A. (See Flook, Raymond A., assignor.)
- McKean, John G., Mount Vernon, and R. F. Jones, Glasgow, Scotland. Air and fuel pump unit. 1,916,626; July 4.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Traversing means for winding machines. 1,918,210; July 11.
- McKean, John O., assignor to Foster Machine Company, Westfield, Mass. Package-winding machine. 1,930,106; Oct. 10.
- McKean, Oliver T., Buffalo, N. Y. Oil filter. 1,927,875; Sept. 26.
- McKechnie, Ian C. (See Kent, P. J., and McKechnie.)
- McKee, Clarence A., Bronx, assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Art of telephony signaling. 1,901,919; Mar. 21.
- McKee, Edward J., Lincoln, Nebr. Sediment trap. 1,930,817; Oct. 17.
- McKee, Esmond J., and R. H. Rakestraw, assignors to Western Oil and Refining Company, Los Angeles, Calif. Apparatus for treating hydrocarbons. 1,927,042; Sept. 19.
- McKee, Garnet W., Rockford, Ill. Burner. 1,909,496; May 16.
- McKee, Garnet W., Rockford, Ill. Gas burner. 1,916,982; July 4.
- McKee, Garnet W., Rockford, Ill. Burner. 1,937,974; Dec. 5.
- McKee, Garnet W., Rockford, Ill. Burner. 1,938,851; Dec. 12.
- McKee, Garnet W., Rockford, Ill. Burner. 1,938,852; Dec. 12.
- McKee, George K., Cincinnati, Ohio. Shock absorber. 1,903,006; Mar. 28.
- McKee Glass Company. (See Poglein, Louis, assignor.)
- McKee, Glenn L., Jerome, Ariz., assignor to Hose Stayput Tool Company, Denver, Colo. Hose-coupling. 1,897,319; Feb. 14.
- McKee, Glenn L., assignor to Hose Stayput Tool Company, Denver, Colo. Making hose connections. 1,927,688; Sept. 19.
- McKee, Harry H. (See Dziedzic, N. J., and McKee.)
- McKee, Harry H., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Shipping container. 1,909,114; May 16.
- McKee, Harry H., assignor to Swift and Company, Chicago, Ill. Branding device. 1,936,170; Nov. 21.
- McKee, Harry H., and C. T. Walter, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Vending method and device. 1,940,005; Dec. 26.
- McKee, Harry H., and C. T. Walter, assignors, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Vending device. 1,940,722; Dec. 26.
- McKee, James A., Oakland, and C. L. Johnston, Burlingame, Calif. Autographic register. 1,932,980; Oct. 31.
- McKee, James H., Pittsburgh, Pa., assignor to Pittsburgh Screw and Bolt Corporation. Heating, hardening, and tempering of hollow steel propeller blades. 1,920,652; Aug. 1.
- McKee, James H., Pittsburgh, Pa., assignor to Pittsburgh Screw and Bolt Corporation. Clamping device for tapered propeller blades. 1,928,318; Oct. 3.
- McKee, John A., Canonsburg, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Package for can ends and producing same. 1,941,041; Dec. 26.
- McKee, Minerva E., executrix. (See McKee, Ray.)
- McKee, Neal T., Bronxville, assignor to The Superheater Company, New York, N. Y. Header structure and fastening arrangement therefor. 1,921,629; Aug. 8.
- McKee, Neal T., Bronxville, N. Y., assignor to American Throttle Company, Inc., New York, N. Y. Throttle. 1,938,710; Dec. 12.
- McKee, Philip L., Pana, Ill. Greenhouse construction. 1,926,159; Sept. 12.
- McKee, Philip L., Pana, Ill. Greenhouse sash. 1,926,160; Sept. 12.
- McKee, Philip L., Pana, Ill. Greenhouse roof support. 1,932,554; Oct. 31.
- McKee, Philip L., Pana, Ill. Greenhouse eave support and drain member. 1,932,555; Oct. 31.
- McKee, Ralph H., Jersey City, N. J. Digesting pulp and apparatus therefor. 1,905,731; Apr. 25.
- McKee, Ralph H., Jersey City, N. J. Insecticide and fungicide. 1,909,879; May 16.
- McKee, Ralph H., Jersey City, N. J. Thermal insulation. 1,915,940; June 27.
- McKee, Ralph H., Jersey City, N. J. Extracting phenols and the like. 1,929,438; Oct. 10.
- McKee, Ralph H., Jersey City, N. J. Process of and apparatus for liquefying gases. 1,932,903; Oct. 31.
- McKee, Ralph H., New York, N. Y. Making paper pulp. 1,932,904; Oct. 31.
- McKee, Ralph H., Jersey City, N. J. Deodorization of carbon dioxide. 1,937,832; Dec. 5.
- McKee, Ralph H., Jersey City, and E. H. Morse, Nutley, N. J. Treating vegetable fibers. 1,903,828; Apr. 18.
- McKee, Ralph H., New York, N. Y., and E. H. Morse, Nutley, N. J., assignors to Alexander Herz, New Rochelle, N. Y. Depilatory and compounding the same. 1,899,707; Feb. 28.
- McKee, Ray, deceased, Hastings, Nebr., M. E. McKee, Hastings, Nebr., executrix. Ice cream shipping bag. 1,922,485; Aug. 15.
- McKeefe, Edward P. (See Bradley, L., and McKeefe.)
- McKeen, Earl H., et al. (See Crane, Hubert R., assignor.)
- McKellar, Marion S., assignor to Hughes Tool Company, Houston, Tex. Antifriction thread for shafts. 1,905,039; Apr. 25.
- McKellar, Marion S., assignor to Hughes Tool Company, Houston, Tex. Relief device for valves. 1,932,471; Oct. 31.
- McKenna, Barney, Hammond, Ind. Valve tool. 1,939,564; Dec. 12.
- McKenna, Charles J., assignor to Atlas Supply Company, Newark, N. J. Battery tool. 1,913,606; June 13.
- McKenna, John S. (See Murdock, R. A., and McKenna.)
- McKenna Process Company of Illinois. (See Langford, George, assignor.)
- McKenney, Harry R. (See Sell, C. J., and McKenney.)
- McKenny, Charles A., assignor to The Joseph E. Barrett Company, Detroit, Mich. Self-loading and unloading trolley conveyor. 1,922,970; Aug. 15.
- McKenny, Van S., assignor to Ne Page McKenny Company, Seattle, Wash. Conduit driving mechanism. 1,894,446; Jan. 17.
- McKenzie, Donald A., Deerfield, Ill. Building unit and making the same. 1,893,430; Jan. 3.
- McKenzie, Ernest C., et al. (See Bager, Fred C., assignor.)
- McKenzie, Marcellus J., Cincinnati, Ohio. Article of tableware. 1,920,516; Aug. 1.
- McKeown, John C., Winnetka, Ill. Outside covering for buildings. 1,941,216; Dec. 26.
- McKesson, Elmer I., Toledo, Ohio. Gas handling apparatus. 1,896,716; Feb. 7.

- McKesson, Elmer I., assignor to The Vocophone Company, Toledo, Ohio. Artificial larynx. 1,922,385; Aug. 15.
- McKey Company, The. (See Wells, Merritt R., assignor.)
- McKibbin, George, Brooklyn, N. Y. Swatch exhibit. 1,912,492; June 6.
- McKie, David G. (See Flint, J. G., and McKie.)
- McKinless, Frank V., Jr., White Plains, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Broaching tool. 1,941,217; Dec. 26.
- McKinley, Carroll A., Miami, Fla. Toothbrush. 1,910,304; May 23.
- McKinley, Charles W., assignor to A C Spark Plug Company, Flint, Mich. Crankcase ventilator. 1,906,390; May 2.
- McKinley, Charles W., assignor to A C Spark Plug Company, Flint, Mich. Filter. 1,906,391; May 2.
- McKinley, Charles W., assignor to A C Spark Plug Company, Flint, Mich. Rear vision mirror. 1,919,475; July 25.
- McKinley, Charles W., assignor to A C Spark Plug Company, Flint, Mich. Liquid filter. 1,940,316; Dec. 19.
- McKinley, Charles W., assignor to A C Spark Plug Company, Flint, Mich. Oil filter element. 1,940,317; Dec. 19.
- McKinley, Edwin W., Compton, assignor, by mesne assignments, to Southern Water Heater Corporation, Compton, Calif. Thermostat control device. 1,928,497; Sept. 26.
- McKinley, Floris M. (See Boyles, A. J., and McKinley.)
- McKinley, John P. (See Sperazz, Charles M., assignor.)
- McKinley, Thomas C., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for surfacing sheet glass. 1,928,385; Sept. 26.
- McKinley, Thomas C., and C. A. Rhonemus, Charleston, W. Va., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Continuous tank furnace. 1,937,390; Nov. 28.
- McKinney, James W., assignor to Brown Company, Berlin, N. H. Preparation of cellulose acetate and the like. 1,933,676; Nov. 7.
- McKinney, Robert M., Baltimore, Md., assignor, by mesne assignments, to Krebs Pigment and Color Corporation, Newark, N. J. Preparation of stabilized titanous salt solutions. 1,922,816; Aug. 15.
- McKinney Tool & Mfg. Co., The. (See Lucas, John, assignor.)
- McKinnis, George E., jr. (See Price, Frederick, assignor.)
- McKinnis, Ronald B., Pittsburgh, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Roasted coffee product and making same. 1,903,362; Apr. 4.
- McKinnon, Charles, Mindenmines, Mo. Mining and loading or loading machine. 1,915,001; June 20.
- McKinnon, Dougald T. (See Howard, Lloyd G., assignor.)
- McKinnon, Dougald T., Norfolk, Nebr. Heating device. 1,910,705; May 23.
- McKinnon, James E., Columbus, Ohio, assignor to Mazer-Cressnan Cigar Co. Inc., Detroit, Mich. Branding attachment for wrapping machines. 1,938,969; Dec. 12.
- McKinnon, John W. (See McRae, Randolph J., assignor.)
- McKittick, Edward. (See McKittick, William J., assignor.)
- McKittick, William J., assignor of one-half to Edward McKittick, Lawrence, Kans. Seal. 1,941,042; Dec. 26.
- McKittick, George, Independence, Kans. Adjustable template. 1,939,565; Dec. 12.
- McKnight, Chad C. (See Baldwin, J. C., and McKnight.)
- McKnight, Clarence B., Los Angeles, Calif. Tire and wheel construction. 1,938,603; Dec. 12.
- McKnight, James D., New York, N. Y. Adjustable damper. 1,931,263; Oct. 17.
- McKnight, Rufus R., and A. Webber, assignors to The De Moe Engineering Laboratories, Inc., Chicago, Ill. Forming tube connections. 1,897,320; Feb. 14.
- McKnight, Samuel H., Jersey City, N. J., assignor to Troy Laundry Machinery Company, Inc., New York, N. Y. Laundry apparatus. 1,897,435; Feb. 14.
- McKone, Leo J., Minneapolis, Minn. Piston lubricating structure. 1,910,902; May 23.
- McKone, Leo J., Detroit, Mich. Variable speed drive. 1,910,903; May 23.
- McLachlan, Norman W. (See Smith, W. S., and McLachlan.)
- McLaine, William L., et al. (See Berryman, Grover C., assignor.)
- McLaine, William L., assignor of one-third to R. A. Sperry and one-third to E. M. Smith Company, Los Angeles, Calif. Drill pipe protector. 1,894,519; Jan. 17.
- McLaren, Chester, El Centro, Calif. Internal combustion engine. 1,904,499; Apr. 18.
- McLaren, Daniel F., Glen Cove, N. Y. Wall-crack cutting router. 1,923,159; Aug. 22.
- McLaren, Malcolm W., Jackson Heights, N. Y., assignor, by mesne assignments, to Walter Kidde & Company, Inc. Fire extinguishing system. 1,923,160; Aug. 22.
- McLaren, William W., Birmingham, Ala. Magnetic valve. 1,903,902; Apr. 18.
- McLaughlin, Daniel W., Des Moines, Iowa. Attachment for road treating machines. 1,921,688; Aug. 8.
- McLaughlin, Dennis J. (See Solem, P., and McLaughlin.)
- McLaughlin, F. L., Company. (See Richardson, F. G., and McLaughlin, assignors.)
- McLaughlin, F. L., Corporation. (See Mitchel, Edward W., assignor.)
- McLaughlin, Frank L. (See Richardson, F. G., and McLaughlin.)
- McLaughlin, Herrold L. (See McLaughlin, W. L., and H. L.)
- McLaughlin, Herrold L. (See McLaughlin, Wilson L. and H. L., and Ballou.)
- McLaughlin, Hugh I., Cleveland, Ohio. Personal-hygiene cabinet. 1,929,785; Oct. 10.
- McLaughlin, John E. (See Kadow, A., and McLaughlin.)
- McLaughlin, John E. (See Treece, J. I., and McLaughlin.)
- McLaughlin, John E., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glassware forming machine. 1,904,982; Apr. 18.
- McLaughlin, John E., Alton, Ill., J. H. Treece, and L. D. Soubier, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Machine for forming glass articles. 1,917,140; July 4.
- McLaughlin, John J., North Tonawanda, N. Y. Metal heating method and apparatus. 1,902,039; Mar. 21.
- McLaughlin, Milton O., Wakefield, Mass. Flexible conduit. 1,915,100; June 20.
- McLaughlin, Philip S., Forty Fort, Pa. Amusement apparatus. 1,911,915; May 30.
- McLaughlin, Robert W., jr., assignor to American Houses, Inc., New York, N. Y. Building. Des. 90,893; Oct. 17.
- McLaughlin, Robert, Philadelphia, Pa. Apparatus for ascertaining weight of materials. 1,940,057; Dec. 19.
- McLaughlin, Robert, Philadelphia, Pa. Apparatus for ascertaining weight of materials. 1,940,058; Dec. 19.
- McLaughlin, Roy P., South Pasadena, Calif. Apparatus for orienting suspended pipes and the like. 1,918,550; July 18.
- McLaughlin, Thomas E., Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Cable clip. 1,940,263; Dec. 19.
- McLaughlin, Walter J. (See Smith, E. C., and McLaughlin.)
- McLaughlin, William B., assignor to Fiberboard Products Inc., San Francisco, Calif. Carton spout. 1,920,653; Aug. 1.
- McLaughlin, William I., Piedmont, and R. G. Wedemeyer, Palo Alto; said Wedemeyer assignor to Standard Oil Company of California, San Francisco, Calif. Instrument for recording inclination. 1,903,512; Apr. 11.
- McLaughlin, William I., Piedmont, and R. G. Wedemeyer, Palo Alto; said Wedemeyer assignor to Standard Oil Company of California, San Francisco, Calif. Instrument for recording inclination. 1,905,299; Apr. 25.
- McLaughlin, Wilson L. and H. L., Des Moines, Iowa. Garbage incinerator. 1,925,875; Sept. 5.
- McLaughlin, Wilson L. and H. L., and V. Ballou, Des Moines, Iowa. Steam purifier. 1,931,135; Oct. 17.
- McLaughlin, Wilson L. and H. L., and V. Ballou, Des Moines, Iowa. Steam condenser and water preheater. 1,931,136; Oct. 17.
- McLaurin, William W., deceased, Brookfield, Mass.; Old Colony Trust Company, executor. Gummed tape and making same. 1,923,837; Aug. 22.
- McLavy, Raymond B., and J. E. Conner, Columbine, Wyo. Gas burner. 1,903,903; Apr. 18.
- McLean, Andrew, Company. (See Baxter, Henry C., assignor.)
- McLean, Charles, Maricopa, Calif. Sound amplifier. 1,914,783; June 20.
- McLean, Donald G. (See Ballard, M. H., and McLean.)
- McLean, George R. (See Stuart, B. F., and McLean.)
- McLean, Gordon J., and R. Q. Edmonson, New Orleans, La. Device for feeding infants. 1,921,535; Aug. 8.
- McLean, Robert W., assignor to Carver Cotton Gin Company, Bridgewater, Mass. Gin saw blade and making same. 1,918,770; July 18.
- McLean, William A., assignor to C. Schnackel's Son, Inc., Rochester, N. Y. Automatic valve. 1,900,514; Mar. 7.
- McLean, William A., assignor to C. Schnackel's Sons, Inc., Rochester, N. Y. Oil filter. 1,941,311; Dec. 26.
- McLearn, Herbert M., Waukegan, Ill. Gear selector. 1,895,722; Jan. 31.
- McLeer, Edward F. (See Muffey, H. A., and McLeer.)
- McLeese, Hugh D. (See Fink, C. G., and McLeese.)
- McLellan, David T. (See Mellor, A., and McLellan.)
- McLellan, Roderick I., Burlingame, Calif. Hothouse. 1,939,015; Dec. 12.
- McLelland, William H. (See Lewis, C. E., McLelland, and Ferris.)
- McLelland, William H., G. O. Knutson, and G. F. Williamson, assignors to Dominion Electrical Mfg. Company, Minneapolis, Minn. Toaster. 1,907,650; May 9.
- McLenagan, David W., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,896,093; Feb. 7.
- McLenagan, David W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulating system. 1,904,500; Apr. 18.
- McLenagan, David W., Schenectady, N. Y., assignor to General Electric Company. Starting alternating current motors. 1,932,280; Oct. 24.
- McLeod, Harry S., Delphos, Ohio. Bending wood. 1,906,392; May 2.
- McLeod, Philip A., Seattle, Wash. Washer. 1,931,899; Oct. 24.
- McLeran, William A. (See Amoss, Samuel C., assignor.)
- McLoughlin, Harold F., Solihull, England. Electrically welding metal tubing. 1,904,834; Apr. 18.

- McLoughlin, James J. R., Poland, N. Y. Casing for a motor oil dispenser. Des. 89,050; Jan. 17.
- McMahon, Emmet M., et al. (See Ferlin, John J., assignor.)
- McMahon, Mabel, executrix. (See Ferlin, John J., assignor.)
- McMahon, Valrie E., Washington, D. C. Doll. Des. 90,080; June 6.
- McMahon, Valrie E., Washington, D. C. Doll. Des. 90,081; June 6.
- McMahon, Charles, Philadelphia, Pa. Container. 1,922,171; Aug. 15.
- McMahon, John F. (See Donahue, J. F., and McMahon.)
- McMahon, Thomas G., assignor to Thomas J. Dee & Company, Chicago, Ill. Making dentists' models. 1,912,212; May 30.
- McMahon, William F., Riverside, Calif. Pump piston. 1,905,181; Apr. 25.
- McManaman, Patrick J., Cleveland, Ohio. Electric switch. 1,903,428; Apr. 11.
- McManamy, Rex K., Clayton, Mo. Bottle. Des. 91,245; Dec. 26.
- McManamy, Rex K., Clayton, Mo. Bottle. Des. 91,246; Dec. 26.
- McManis, Charles N., Mitchell, S. Dak. Automobile differential. 1,904,797; Apr. 18.
- McMann, Arthur A., Utica, N. Y., assignor to American Emblem Company, Inc., New Hartford, Conn. Display stand. Des. 90,038; May 30.
- McManus, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 1,907,994; May 9.
- McManus, Clarence A., Albany, N. Y. Catch basin trap. 1,917,80; July 11.
- McManus, James L., trustee. (See Bartsch, Frank R., assignor.)
- McManus, John A. (See Thomson, Elihu, assignor.)
- McManus, Thomas J. (See Brooks, Russell, assignor.)
- McMartin, Thomas B., et al. (See Morton, James E., assignor.)
- McMaster, Archie J., Chicago, Ill. Optical system. 1,909,115; May 16.
- McMaster, Archie J., Chicago, Ill. Photoelectric tube. 1,909,701; May 16.
- McMaster, Archie J., assignor to G. M. Laboratories, Inc., Chicago, Ill. Photo-electric tube. 1,921,834; Aug. 8.
- McMaster, Archie J., assignor to G-M Laboratories, Inc., Chicago, Ill. Photoelectric tube. 1,925,054; Aug. 29.
- McMaster, Donald, assignor to Eastman Kodak Company, Rochester, N. Y. Antistatic nonhalation motion picture film. 1,908,527; May 9.
- McMasters, W. C., et al. (See Badgett, James L., assignor.)
- McMillan Book Company. (See Bolton, Floyd G., assignor.)
- McMillan Book Company. (See McMillan, John L., assignor.)
- McMillan Book Company. (See Reynolds, Reginald M., assignor.)
- McMillan Book Company. (See Unger, Paul O., assignor.)
- McMillan, Doris A., San Francisco, Calif. Ornamental object. 1,906,989; May 2.
- McMillan, Eli W. F. (See Dunford, R. E., and McMillan.)
- McMillan Fireproof Fibre Co. (See McMillan, Uel S., assignor.)
- McMillan, Howard O., Minneapolis, Minn. Extensible shore. 1,906,393; May 2.
- McMillan, John L., assignor to McMillan Book Company, Syracuse, N. Y. Visible index record book. 1,927,802; Sept. 19.
- McMillan, Robert E., Arema, Australia. Structural units for steel frame buildings and the like. 1,938,491; Dec. 5.
- McMillan, Uel S., assignor to McMillan Fireproof Fibre Co., Chicago, Ill. Fibrous composition and making the same. 1,907,080; May 2.
- McMillan, Uel S., assignor to McMillan Fireproof Fibre Co., Chicago, Ill. Preparing pulp. 1,913,607; June 13.
- McMillan, William, et al. (See Righetti, Homer, assignor.)
- McMillen, Homer E. (See Stamsvik, Alfred L., assignor.)
- McMinn, Charles R., J. T. Robinson, and J. B. Holliday, incompetent, by E. C. Couch, guardian, Los Angeles, Calif., assignors, by mesne assignments, to The Simplex Piston Ring Company of America, Inc. Antislip ring. Re18,776; Mar. 28.
- McMullan, Robert, Mount Lawley, Western Australia, Australia. Cramp. 1,911,705; May 30.
- McMullan, Samuel, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method and apparatus for drawing wire. 1,901,920; Mar. 21.
- McMullen, Carlton L., Toronto, Ontario, Canada, assignor to Patent Enterprises Limited. Meter recording mechanism. 1,922,056; Aug. 15.
- McMurray, Jason H. (See Shadburn, J. L., and McMurray.)
- McMurray, John C., Winthrop Center, Mass. Oil indicator for internal combustion engines. 1,938,711; Dec. 12.
- McNab Absorbolift, Inc. (See McNab, Alexander, assignor.)
- McNab, Alexander, Bridgeport, Conn. Toothbrush holder. 1,899,242; Feb. 28.
- McNab, Alexander, Bridgeport, Conn., assignor to McNab Absorbolift, Inc., New York, N. Y. Combined shock absorber and jack for vehicles. 1,897,581; Feb. 14.
- McNab, Gordon, Britton, S. Dak. Sterilizer. 1,916,804; July 4.
- McNaghten, Harry C. (See Unkle, C. W., and McNaghten.)
- McNair, James S., Spokane, Wash., assignor to Reliance Packing & Manufacturing Co. Antifriction packing. 1,917,805; July 11.
- McNair, William K., assignor to The Northwest Paper Company, Cloquet, Minn. Clamping machine. 1,912,989; June 6.
- McNally, Hugh F., Richland Center, Wis. Cheese press. 1,926,451; Sept. 12.
- McNally, James G. (See Sheppard, S. E., and McNally.)
- McNally, James O. (See Pidgeon, H. A., and McNally.)
- McNamara, Fred J., Stockbridge, Mich. Self-serving attachment for liquid vending pumps. 1,911,281; May 30.
- McNamara, Frederick W., North Adams, assignor to Sprague Specialties Company, Quincy, Mass. Electrode for electrolytic devices. 1,936,252; Nov. 21.
- McNamara, Leo C., Indianapolis, Ind. Method and means to obtain reclaimed used journal-box waste with a definite oil content. 1,930,818; Oct. 17.
- McNamara, William J., et al. (See Bullock, Arthur R., assignor.)
- McNamara, William L., assignor to Capstan Glass Company, Connelville, Pa. Mold mounting device. 1,909,374; May 16.
- McNamee, Owen A., Worcester, Mass. Safety apparatus. 1,919,445; July 25.
- McNary, Robert R. (See Midgley, T., jr., Henne, and McNary.)
- McNary, Robert R., assignor to Frigidaire Corporation, Dayton, Ohio. The manufacture of antimony trifluoride. 1,934,943; Nov. 14.
- McNash, James N., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Tumbler. Des. 90,120; June 13.
- McNash, James N., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Tumbler. Des. 90,121; June 13.
- McNaught, Norris F., assignor to Duro Metal Products Company, Chicago, Ill. Grease ram. 1,932,796; Oct. 31.
- McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Ratchet wrench. 1,902,878; Mar. 28.
- McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Applying brake shoe linings. 1,903,058; Mar. 28.
- McNeal, Donald L., Wilkesburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 1,939,912; Dec. 19.
- McNeal, Eli H., assignor of one-half to M. Newald, Muskegon, Mich. Garden and flower hoe. 1,906,171; Apr. 25.
- McNeal, Raymond F., Chicago, Ill. Furnace. 1,910,349; May 23.
- McNeff, John, Monahans, and S. Hogan, Refugio, Tex. Blow-out-preventing device and oil saver for drilling rigs. Re18,948; Sept. 12.
- McNeil Boiler Company, The. (See Worley, George I., assignor.)
- McNeil, Charles I., Bloomfield, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Controlling generator. 1,896,142; Feb. 7.
- McNeil, Charles I., Bloomfield, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Electrical apparatus. 1,898,559; Feb. 21.
- McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus and method. 1,910,473; May 23.
- McNeil, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Circuit controlling mechanism. 1,920,096; July 25.
- McNeil, Charles I., Cedar Grove Township, Essex County, N. J., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism for internal combustion engines. 1,920,996; Aug. 8.
- McNeil, Claude P., Whiting, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Receptacle filling apparatus. 1,911,579; May 30.
- McNeil, Everett A., Kenosha, Wis. Weight-operated switch. Re19,024; Dec. 12.
- McNeil, Hugh J., Reading, Mass. Store front. Des. 89,086; Jan. 24.
- McNeil, Hugh J., Reading, Mass. Store front. Des. 90,445; Aug. 8.
- McNeil, James B., Park Ridge, Ill. Smoke eliminator for boiler furnaces. 1,915,684; June 27.
- McNeil, Roderick S., Bridgeport, Conn., assignor to General Electric Company. Extension outlet. 1,894,112; Jan. 10.
- McNeil, William M., assignor to United States Gypsum Company, Chicago, Ill. Gypsum calciner. 1,897,394; Feb. 14.
- McNeill, George K., assignor to Morgan & Wright, Detroit, Mich. Vulcanizing apparatus. 1,913,126; June 6.
- McNeilly, John, Columbus, Ohio. Mechanically operated hammer. 1,938,459; Dec. 5.
- McNey, James A., Harding, Pa. Steam and hot water generator. 1,918,414; July 18.
- McNichol, Forrest C. (See Van Valkenburg, H. L., and McNichol.)

- McNicol, Alexander and A., and L. A. Gill, Jewett City, Conn., and S. B. Stafford, Oxford, assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Intermittent color textile printing machine. 1,924,614; Aug. 29.
- McNicol, Andrew. (See McNicol, Alexander, and A. Gill, and Stafford.)
- McNish, Alexander F., assignor of one-half to J. Moncrieff Limited, Perth, Scotland. Circulating glass in gathering basins. 1,903,223; Mar. 28.
- McNown, Charles S., Bunker Hill, Ind. Leather preservative and applying same. 1,916,523; July 4.
- McNulty, Thomas E., Alameda, Calif. Roller shade guide and holder. 1,894,627; Jan. 17.
- McNutt, Joseph D., assignor to Winchester Repeating Arms Company, New Haven, Conn. Explosive. 1,906,394; May 2.
- McNutt, Joseph D., assignor to Winchester Repeating Arms Company, New Haven, Conn. Priming mixture. 1,930,653; Oct. 17.
- McParlan, James F., New York, N. Y. Alarm clock. 1,913,498; June 13.
- McPhail, Harold R. (See Lauer, C. J., and McPhail.)
- McPhail, Harold R., assignor to Norge Corporation, Detroit, Mich. Float valve structure. 1,902,967; Mar. 28.
- McPheeters, Wilson L., North Hollywood, Calif. Anchor. 1,918,119; July 11.
- McPherson, Clyde G. (See Monroe, Edward R., assignor.)
- McPherson, Duncan, San Diego, Calif. High pressure hose control appliance. 1,933,919; Nov. 7.
- McPherson, Harry L., Hollywood, Tenn. Cowl ventilator. 1,934,944; Nov. 14.
- McPherson, John B., 4th, Abington, Pa. Aircraft. 1,895,679; Jan. 31.
- McQuade, James D., Moundsville, W. Va. Apparatus for low temperature carbonization. 1,921,993; Aug. 8.
- McQuaid, John W., Torrance, Calif. Automatic lock nut. 1,931,900; Oct. 24.
- McQuaide, James H., assignor of one-half to C. H. Dodge, Chicago, Ill. Compensator for sag of rope, etc. 1,912,782; June 6.
- McQuay-Norris Manufacturing Company. (See Smith, Dallas M., assignor.)
- McQuay-Norris Manufacturing Company. (See Smith, D. M., and Tapscott, assignors.)
- McQuay-Norris Manufacturing Co. of Indiana, Inc. (See Walnwright, Harry A., assignor.)
- McQuillen, John E., Passaic, N. J. Cigarette case. 1,928,759; Oct. 3.
- McQuiston, Horace L., Wichita, Kans., assignor to Phillips Petroleum Company, Bartlesville, Okla. Automatically and manually operable valves. 1,932,704; Oct. 31.
- McRae, Alexander H. (See Hunt, C. W., and McRae, assignors.)
- McRae, Duncan F., Fort San, Saskatchewan, Canada. Service attachment for beds. 1,930,882; Oct. 17.
- McRae, Randolph J., assignor of one-half to J. W. McKinnon, New York, N. Y. Apparatus for the treatment of materials such as coal, lignite asphalt, etc. 1,923,161; Aug. 22.
- McRea, John S., Bayside, assignor to The Portable Light Co., Inc., New York, N. Y. Surgical light. 1,927,181; Sept. 19.
- McRoskey, Edward L., San Francisco, Calif. Tying mattresses. 1,931,202; Oct. 17.
- McShane, Phelan. (See King, G. E., McShane, Cooper, and Harding.)
- McShane, Phelan, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Field failure protective relay. 1,918,978; July 18.
- McShane, Phelan, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,939,076; Dec. 12.
- McSwain, Melvin E., Fort Smith, Ark. Making minnow traps. 1,937,289; Nov. 28.
- McTernan, Joseph J., San Francisco, Calif. Water sprinkler. 1,906,991; May 2.
- McTewigan, James N., U. S. Navy. Mercury contact switch. 1,903,513; Apr. 11.
- McVety, James, et al. (See Morton, James E., assignor.)
- McVey, Elmer E., Youngstown, Ohio. Open hearth furnace. 1,914,577; June 20.
- McVitty, Edward W., Salem, Va. Floating harbor for amphibians, flying boats, and seaplanes. 1,933,597; Nov. 7.
- McWade, Frank J. (See Seng, Matthew F., assignor.)
- McWane Cast Iron Pipe Company. (See McWane, James R., assignor.)
- McWane, James R., assignor to McWane Cast Iron Pipe Company, Birmingham, Ala. Welded pipe joint. 1,937,239; Nov. 28.
- McWayne, Frank E., et al. (See Abbott, Scott M., assignor.)
- McWhirter, John S., Southport, Conn. Bearing and method of assembly thereof. 1,913,499; June 13.
- McWhirter, John S., Southport, Conn., assignor to National Pneumatic Company, New York, N. Y. Step mechanism for vehicles. 1,915,327; June 27.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Automatic crossing gate. 1,893,824; Jan. 10.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical switch. 1,909,783; May 16.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus for railway switches. 1,924,369; Aug. 29.
- McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-switch-operating apparatus. 1,930,722; Oct. 17.
- McWilliams, James B., Pittsburgh, Pa. Conveyer. 1,899,766; Feb. 28.
- McWilliams, John P. (See Tobin, K. J., McWilliams, and Williamson.)
- McWilliams, John P., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door. 1,938,634; Dec. 12.
- McWilliams, Joseph E., New York, N. Y. Handle for umbrellas. 1,931,078; Oct. 17.
- McWilliams, Leigh B. and L. V., Whittier, Calif. Insect destroyer. 1,910,623; May 23.
- McWilliams, Lyle V. (See McWilliams, Leigh B. and L. V.)
- Meacham, Laurence B., Baltimore, Md. Shipping can. 1,925,454; Sept. 5.
- Meachem, Harry, Teaneck, N. J., assignor to Todd Dry Dock Engineering & Repair Corporation, Brooklyn, N. Y. Liquid fuel combustion. 1,893,902; Jan. 10.
- Meachem, Harry, Teaneck, N. J., assignor to Todd Dry Dock Engineering & Repair Corporation, Brooklyn, N. Y. Blower. 1,911,200; May 30.
- Meachem, Harry, Teaneck, N. J., assignor to Todd Dry Dock Engineering & Repair Corporation, Brooklyn, N. Y. Combined liquid fuel and gas burner. 1,922,857; Aug. 15.
- Meachem, Harry, Teaneck, N. J., assignor to Todd Dry Dock Engineering & Repair Corporation, Brooklyn, N. Y. Manually releasable locking means for fuel control means. 1,930,901; Oct. 17.
- Meachem, Harry, Teaneck, N. J., assignor to Todd Dry Dock Engineering & Repair Corporation, Brooklyn, N. Y. Automatic means for the delayed actuation of fuel control means. 1,930,902; Oct. 17.
- Meacock, John Harper, Northampton, England. Conveyer, escalator, and the like. 1,904,068; Apr. 18.
- Mead, Alice F. (See Mead, Carl F., assignor.)
- Mead, Carl F., assignor to A. F. Mead, Cleveland, Ohio. Rod-reducing apparatus. 1,929,987; Oct. 10.
- Mead Corporation, The. (See O'Connor, J. J., and Morris, assignors.)
- Mead, Francis L. (See Pastenack, R., Mead and Davenport.)
- Mead, George A., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley head. 1,918,854; July 18.
- Mead, George J., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tire vulcanizer. 1,900,456; Mar. 7.
- Mead, Homer A., assignor to Masterench Corporation, Turlock, Calif. Adjustable jaw wrench. 1,900,358; Mar. 7.
- Mead, Howard C., assignor to Guide Lamp Corporation, Anderson, Ind. Tail lamp. 1,905,182; Apr. 25.
- Mead Johnson & Company. (See Rosenthal, Lazar, assignor.)
- Mead, Milton S., Jr. (See Berry, T. M., and Mead, Jr.)
- Mead-Morrison Manufacturing Company. (See Snow, Frederick O., Jr., assignor.)
- Mead Research Engineering Company, The. (See Bachman, Carl O., assignor.)
- Mead Research Engineering Company, The. (See Traquair, John, assignor.)
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,901,113; Mar. 14.
- Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 1,906,992; May 2.
- Mead, Walter T., Los Angeles, Calif. Can puncturing device. 1,937,975; Dec. 5.
- Mead & Wheeler Company. (See Ericson, Richard W., assignor.)
- Meade, James I., Butler, N. J., assignor to American Hard Rubber Company, New York, N. Y. Device for vulcanizing flanges on tank car manholes. 1,912,459; June 6.
- Meador, Albert W., assignor of one-half to R. Mitchell, Detroit, Mich. Upholstery attaching device. 1,903,469; Apr. 11.
- Meador, Ralph I., Lynbrook, N. Y. Gumming tape on blanks. 1,904,874; Apr. 18.
- Meador, Russell G., Detroit, Mich., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastening device for inherently resilient articles. 1,900,574; Mar. 7.
- Meador, Walter A., Gallatin, Tenn. Aerial navigator. 1,903,911; Apr. 18.
- Meadows, James P., Marshall, Tex. Electric refrigerator accessory. 1,933,991; Nov. 7.
- Meadows Manufacturing Company, The. (See Unruh, Cornelius C., assignor.)
- Meadows, Walter A., Detroit, Mich. Door construction. 1,932,115; Oct. 24.
- Meagher, Glenn B., Chicago, Ill., assignor to The Kendall Company, Boston, Mass. Container for chemical heating composition. 1,899,286; Feb. 28.
- Meagher, Glenn B., Chicago, Ill., assignor to The Kendall Company, Boston, Mass. Elastic articles and treating same. 1,914,148; June 13.

Meagher, Robert J., Ottawa, Ontario, Canada. Computing instrument. 1,940,177; Dec. 19.

Means, Gardiner C., Poughkeepsie, N. Y. Pattern control mechanism. 1,904,006; Apr. 18.

Means, Winthrop J., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical meter. 1,901,921; Mar. 21.

Mears, Atherton H. (See Reichel, W. A., and Mears.)

Mears, Atherton H., assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for speed governing. 1,912,853; June 6.

Mears, Norton A., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Closure latch. 1,923,873; Aug. 22.

Mears, Norton A., and D. P. Hynes, assignors to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,907,430; May 9.

Mears, Norton A., and D. P. Hynes, assignors to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,907,431; May 9.

Mears, Norton A., and C. A. Perron, assignors to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,907,432; May 9.

Mears, Norton A., and C. A. Perron, assignors to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,933,920; Nov. 7.

Mears, Norton A., and C. A. Perron, assignors to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 1,933,921; Nov. 7.

Mears, Theodore M., assignor to The Tri-Pie Corporation, Brooklyn, N. Y. Method of and apparatus for making die stamped pies. 1,926,548; Sept. 12.

Mears, Theodore M., assignor to The Tri-Pie Corporation, Brooklyn, N. Y. Machine for making sector-shaped pies and matrix therefor. 1,937,290; Nov. 28.

Mebane, Charles P., Cleveland, assignor to The National Glove Company, Columbus, Ohio. Shoe sole. 1,936,729; Nov. 28.

Mecano G. m. b. H., et al. (See Wörner, Heinrich, et al., assignor.)

Mecano Gesellschaft mit beschränkter Haftung, et al. (See Goldschmidt, Max, assignor.)

Mechana Kold Corporation. (See Limpert, Alexander S., assignor.)

Mechanical Development Company. (See Land, Charles H., assignor.)

Mechanical Devices Company. (See Sperry, Frank E., assignor.)

Mechanical Handling Systems, Incorporated. (See Preble, Norman H., assignor.)

Mechanical Improvements Corporation. (See Murray, Henry H., assignor.)

Mechanical Manufacturing Company, The. (See Boyd, W. R., and Taylor, assignors.)

Mechanical Rubber Company, The. (See Rose, Reed P., assignor.)

Mechanical Transfer Car Corporation. (See Wheeler, Holman K., assignor.)

Mechanics' Tool & Wrench Company. (See Peck, Louis E., assignor.)

Mechanics Universal Joint Company. (See Ekstrom, Ernest R., assignor.)

Mechanics Universal Joint Company. (See Hobbs, John W., assignor.)

Mechanics Universal Joint Company. (See Swenson, Carl E., assignor.)

Mechanische Spinnerel & Weberei Greven, Hermann Biederlack & Co. (See Schmitt, Adolf, assignor.)

Mechau, Emil, Berlin-Sudende, Germany, assignor to General Electric Company. Motion picture projector. 1,893,374; Jan. 3.

Mechau, Robert, assignor to Firm Carl Zeiss, Jena, Germany. Method and instrument for determining the position of targets emitting short flashes of light. 1,921,630; Aug. 8.

Mechlin, Ernest F. (See Mechlin, Oscar A., assignor.)

Mechlin, Oscar A., New York, N. Y., assignor to E. F. Mechlin, Washington, D. C. Concrete pile. 1,936,540; Nov. 21.

Mechlin, Oscar A., assignor to E. F. Mechlin, Washington, D. C. Apparatus for forming concrete piles. 1,936,541; Nov. 21.

Mechling, Monroe J., St. Clairsville, Ohio. Container. 1,930,103; Oct. 10.

Mechling, William H., Whitmarsh, assignor to Atlantic Elevator Company, Philadelphia, Pa. Elevator braking system and actuating the same. 1,903,550; Apr. 11.

Mechlovits, Bernat, New York, N. Y. Mold for making swing joint dress ornaments. 1,936,171; Nov. 21.

Mechlovits, Bernat, and M. Belloch, New York, N. Y. Making swing joint dress ornaments. 1,912,990; June 6.

Meck, Edgar N., Logan, assignor of one-half to J. W. Davy, Wyoming, Ohio. Taping and binding shoes. 1,909,206; May 16.

Mecklenburg, Werner, Moscow, Union of Soviet Socialist Republics, assignor, by mesne assignments, to Krobs Pigment and Color Corporation, Newark, N. J. Production of titanium dioxides. Re18,790; Apr. 4.

Mecom, Harvey, Liberty, Tex. Rock drill. 1,897,267; Feb. 14.

Mecom, Harvey, and L. J. Black, Beaumont, Tex. Drill pipe joint. 1,899,469; Feb. 28.

Medart, Fred, Manufacturing Company. (See Albach, Frank, assignor.)

Medart, Fred, Manufacturing Company. (See Albach, F., and Chervenska, assignors.)

Meder, Georg. (See Henle, F., Meder, Lanz, and Privinsky.)

Medina, Guillermo. (See Jensen, H. M., Gingrich, and Medina.)

Medlin, John P., Great Falls, Mont., assignor to Railway & Industrial Engineering Company, Greensburg, Pa. Repeater circuit breaker. 1,923,823; Aug. 22.

Medlin, Wenzel A., Cleveland, Ohio. Fish lure. 1,898,200; Feb. 21.

Mednick, Philip, Brooklyn, N. Y. Brush. 1,928,110; Sept. 26.

Mednick, Philip, Brooklyn, N. Y. Brush. 1,928,111; Sept. 26.

Meehan, Francis T. (See Mitchell, I. A. M. W., and Meehan.)

Meehan, John P., Los Angeles, Calif. Automobile license plate or sign. 1,898,379; Feb. 21.

Meehan, John P., Los Angeles, Calif. Making colored signs. 1,899,971; Mar. 7.

Meehan, Paul A. (See McElroy, R. H., and Meehan.)

Meeker, David A. (See Johnston, H. L., and Meeker.)

Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 1,933,022; Oct. 31.

Meeks, Oscar L., Muncy, Pa. Helicoid conveyer system. 1,906,395; May 2.

Meeks, Russell J., Spokane, Wash. Apron. Des. 90,673; Sept. 12.

Meem, James C., Brooklyn, N. Y. Tunnel structure and erecting same. 1,910,997; May 23.

Meem, James C., Brooklyn, N. Y. Constructing tunnels. 1,918,855; July 18.

Meerbeck, Gottfried, Cologne-Mulheim, Germany, assignor to Naamlooze Vennootschap Handelsmaatschappij Cablon (Cablon Corporation), The Hague, Netherlands. Installation of underground electric cables for power transmission. 1,915,743; June 27.

Meerwein, Hans, Marburg-on-the-Lahn, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Preparing trybromoethylalcohol. 1,901,316; Mar. 14.

Meerwein, Hans, Marburg, and E. Goth, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of halogenated alcohols. 1,931,204; Oct. 17.

Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing motion pictures by dye transfer. 1,939,219; Dec. 12.

Mefford, C. T. (See Reagin, Robert L., assignor.)

Mefort, Gustave. (See Muchmore, William H., assignor.)

Meginniss, Francis R., Albany, N. Y. Switch. 1,901,252; Mar. 14.

Meginniss, Francis R., Albany, N. Y. Clamp and support for flash-lights. 1,901,253; Mar. 14.

Megley, Harley J., Chicago, Ill. Type bar machine. 1,903,829; Apr. 18.

Meglitz, William B. (See Schur, M. O., and Meglitz.)

Megow, George E., South Milwaukee, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Rheostat. 1,938,395; Dec. 5.

Megow, George E., South Milwaukee, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electrical resistor. 1,938,396; Dec. 5.

Megroz, Georges, Bronxville, N. Y. Textile fabric or the like. Des. 89,404; Mar. 7.

Megroz, Georges, Bronxville, N. Y. Textile fabric or the like. Des. 90,894; Oct. 17.

Megroz, Georges, Bronxville, assignor to Combiar & Co. Inc., New York, N. Y. Textile fabric or the like. Des. 89,010; Jan. 10.

Megroz, Georges, Bronxville, assignor to The United Piece Dye Works, New York, N. Y. Textile fabric or the like. Des. 89,648; Apr. 18.

Megroz, Georges, Bronxville, assignor to The United Piece Dye Works, New York, N. Y. Textile fabric or the like. Des. 89,649; Apr. 18.

Megroz, Georges, Bronxville, assignor to The United Piece Dye Works, New York, N. Y. Textile fabric or the like. Des. 89,650; Apr. 18.

Megroz, Roger, Bronxville, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,886; Jan. 3.

Megroz, Roger, Bronxville, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,887; Jan. 3.

Megroz, Roger, Bronxville, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,928; Jan. 3.

Megroz, Roger, Bronxville, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,071; Jan. 17.

Mehaffie, Hugh F., et al. (See Krumm, Thomas F., assignor.)

Mehan, Thomas O., Jacksonville, Ill., assignor, by mesne assignments, to Remington Rand Inc. Adding and listing machine. 1,899,444; Feb. 28.

Meharg, Virgil E., Bloomfield, N. J., and H. Adkins, Madison, Wis., assignors to Bakelite Corporation, New York, N. Y. Preparing formaldehyde by the oxidation of methyl alcohol with the aid of a catalyst. 1,913,404; June 13.

- Meharg, Virgil E., Bloomfield, N. J., and H. Adkins, Madison, Wis., assignors to Bakelite Corporation, New York, N. Y. Formaldehyde synthesis and catalyst. 1,913,405; June 13.
- Mehl, Arthur J., Omaha, Nebr., assignor to Swift and Company, Chicago, Ill. Combination conveyer and scale. 1,902,512; Mar. 21.
- Mehl, Robert F., Middletown, Ohio, and J. T. Gow, Westfield, N. J. Heating photographic films or plates. 1,923,108; Aug. 22.
- Mehlhoppe, Lincoln E., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,940,139; Dec. 19.
- Mehre, Harry J. (See Costa, Anthony P., assignor.)
- Mehren, Josef, assignor to Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Chuck. 1,908,777; May 16.
- Mehren Lock Co. (See von Mehren, Oswald D., assignor.)
- Mehring, Frank E. (See Meyer, F. L., Boesch, and Mehrlings.)
- Meidert, Friedrich, Frankfurt-on-the-Main, Griesheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Stabilized solutions of siccatives. 1,895,200; Jan. 24.
- Meidert, Friedrich, Frankfurt-on-the-Main-Griesheim, and H. Schatz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of siccatives on the base of naphthenic acid. 1,916,805; July 4.
- Meier, Albert J., Glendale, Mo., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of powders. 1,901,978; Mar. 21.
- Meier, Charles, and T. A. Wettig, assignors to The Acme Machine Tool Company, Cincinnati, Ohio. Machine tool construction. 1,901,522; Mar. 14.
- Meier, Clarence P., Forest Hills, N. Y., assignor to The American Art Works, Inc., Coshocton, Ohio. Serving tray or similar article. Des. 90,991; Nov. 7.
- Meier, Frederick H., Sheffield, Ill. Sectional block clay tile. 1,893,880; Feb. 21.
- Meier, Frederick H., Sheffield, Ill. Brick veneer construction. 1,909,625; May 16.
- Meier, John A., Hamilton, Ohio. Packing case or box for beehives. 1,893,431; Jan. 3.
- Meier, Richard F., Philadelphia, Pa. Machine and method for knitting a complete full-fashioned stocking. 1,912,005; May 30.
- Meier, William G., Manaroneck, N. Y. Embroidered textile fabric or the like. Des. 89,432; Mar. 7.
- Meigs, Bassett & Slaughter, Inc. (See Bassett, H. P., and Simons, assignors.)
- Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing organic fluorine compounds. 1,916,327; July 4.
- Meigs, Joseph V., Hastings upon Hudson, assignor to Sweets Laboratories Inc., New York, N. Y. Plastic and making same. 1,908,485; May 9.
- Meigs, Joseph V., assignor, by mesne assignments, to Plastic Corporation, Jersey City, N. J. Resinous product and making same. 1,923,321; Aug. 22.
- Meijer, Reinier, assignor to Naamloze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Process and apparatus for the manufacture of sweated paraffin from non-sweated paraffin and the like substances. 1,903,929; Apr. 18.
- Meikle, George S. (See Ross, D. E., and Meikle.)
- Meillink, Charles F., Toledo, Ohio. Cabinet. 1,922,487; Aug. 15.
- Meillink, Charles F., and K. C. Weatherby, assignors to The Meillink Steel Safe Company, Toledo, Ohio. Vault frame door. 1,913,716; June 13.
- Meillink, Charles F., and K. C. Weatherby, assignors to The Meillink Steel Safe Company, Toledo, Ohio. Strong box. 1,922,486; Aug. 15.
- Meillink Steel Safe Company, The. (See Meillink, C. F., and Weatherby, assignors.)
- Meindersma, Wigger, Wassenaar, Netherlands. Fin propper. 1,903,551; Apr. 11.
- Meinecke & Company. (See Johnson, Edward, assignor.)
- Meinhardt, Nicholas. (See Sonderman, A. F., and Meinhardt.)
- Meinhold, Louis, Hamilton, N. Y. Rotary sprinkler. 1,929,597; Oct. 10.
- Meinig Hosiery Co., The. (See Hamel, Otto C., assignor.)
- Meininghaus, Ewald, Lancaster, N. Y. Hinge. 1,903,059; Mar. 28.
- Meinzer, Gotthold H. (See Brown, W. A., and Meinzer.)
- Meinzer, Gotthold H., Los Angeles, assignor to L. Blake-Smith, San Francisco, Calif. Continuous breaking emulsions. 1,911,839; May 30.
- Meinzer, Gotthold H., Los Angeles, assignor to L. Blake-Smith, San Francisco, Calif. Apparatus for treating emulsions. 1,911,840; May 30.
- Melro, Adam, Brussels, Belgium. Extraction of sugar from sugar juices. 1,899,287; Feb. 28.
- Mels, Barbara, Tecumseh, Okla. Decorative plant product. 1,935,514; Nov. 14.
- Mels, Helmuth, Wiesdorf-on-the-Rhine, and W. Klein and E. Tschunkur, Cologne, Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial rubber. 1,896,493; Feb. 7.
- Meisel, Benjamin W., Crestwood, assignor to The Regan Safety Devices Company, Inc., New York, N. Y. Train control system. 1,899,044; Feb. 28.
- Meisel, Otto C. F., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Sheet-handling mechanism for printing presses. 1,929,096; Oct. 3.
- Meisel Press Manufacturing Company. (See Meisel, Otto C. F., assignor.)
- Meisel, Robert M., and H. S. Aikman, Port Huron, Mich. Motion poster advertising device. 1,894,568; Jan. 17.
- Meiselbach, August D., Chicago, Ill. Ventilator. 1,901,114; Mar. 14.
- Meisenburg, Kurt, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mixed rubber-like masses and preparing the same. 1,901,354; Mar. 14.
- Meisenburg, Kurt, Leverkusen, and W. Bock, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rubber like masses containing olefine naphthalene polymerizates. 1,915,745; June 27.
- Meisenburg, Kurt, Leverkusen-I. G. Werk, W. Bock, and O. Bächle, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial resins derived from mixtures of olefine benzenes or naphthalenes and unsaturated ketones. 1,937,063; Nov. 28.
- Meisenburg, Kurt, Leverkusen-I. G. Werk, and W. Bock, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rubber-like mass containing olefine naphthalene polymerizates. 1,938,751; Dec. 12.
- Meiser, Wilhelm. (See Gassner, S., and Meiser.)
- Meiser, Wilhelm, and W. Geisel, Ludwigshafen-on-the-Rhine, and W. von Knilling, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of a calcium nitrate-urea double compound. 1,911,580; May 30.
- Meissner, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Communication on short wave. 1,917,312; July 11.
- Meissner, Alexander, Berlin, Germany, assignor, by mesne assignments, to The United States of America, represented by the Secretary of the Navy. Production of waves by cathode ray tubes. 1,924,796; Aug. 29.
- Meissner, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Converting acoustic into electric energy. 1,931,669; Oct. 24.
- Meissner, Alexander, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical apparatus. 1,935,885; Nov. 21.
- Meissner, Edwin B. (See Tomlinson, Clarence L., assignor.)
- Meissner, Josef, Burbach, Germany. Apparatus for the uninterrupted production of alkaline azids. 1,923,993; Aug. 22.
- Meissner, Josef, Burbach, Germany. Cartridge with primary and secondary charges. 1,930,765; Oct. 17.
- Meissner, Karl L., Duren, Germany. Corrosion-resistant age-hardenable aluminum composite metal. 1,927,945; Sept. 26.
- Meissner, Karl L., assignor to Duren Metallwerke Aktiengesellschaft, Duren, Germany. Aluminum alloy. 1,921,089; Aug. 8.
- Meissner Manufacturing Company. (See Meissner, William O., assignor.)
- Meissner, Otto, Brelin, Germany. Carburetor. 1,938,298; Dec. 5.
- Meissner, Theodor. (See Thiess, K., and Meissner.)
- Meissner, Theodor. (See Thiess, K., Meissner, Zerweck, and Runne.)
- Meissner, William O., Hinsdale, assignor to Meissner Manufacturing Company, Chicago, Ill. Synchronous motor. 1,895,637; Jan. 31.
- Meister, Alfred A. (See Power, J. A., and Meister.)
- Meister, Arthur C., Philadelphia, Pa. Spectacle accessories. 1,912,948; June 6.
- Meister, Franz, and J. Maul, Munich, Germany. Pillar or post standing in the street traffic. 1,903,869; Apr. 18.
- Meitzler, Charles R., assignor to Oscar H. and A. F. Pieper, Rochester, N. Y. Adjustable seat structure. 1,911,636; May 30.
- Meltzer, Charles E., assignor to O. H. and A. F. Pieper, Rochester, N. Y. Sterilizer. 1,939,713; Dec. 19.
- Meltzer, Charles E., assignor to O. H. and A. F. Pieper, Rochester, N. Y. Sterilizing means. 1,939,714; Dec. 19.
- Meltzer, Charles E., assignor to O. H. and A. F. Pieper, Rochester, N. Y. Sterilizer. 1,939,715; Dec. 19.
- Melwald, Franz, Vienna, Austria. Flexible electric conductor with knitted tubular covering. 1,936,519; Nov. 21.
- Meixell, John W., Lewisburg, Pa. Nonglare device. 1,925,770; Sept. 5.
- Méjean, Ernest, assignor to Forges & Ateliers de Constructions Electriques de Jeumont Societe Anonyme, Paris, France. Direct current motor control system. 1,939,309; Dec. 12.
- Mekel, Johannes A. A. (See Aarts, Christianus J. G., assignor.)
- Mekler, Lev A. (See Egloff, G., and Mekler.)
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of petroleum distillate. 1,897,617; Feb. 14.
- Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Furnace. 1,901,922; Mar. 21.
- Melaas, George D., Salinas, Calif. Shirt display means. 1,933,867; Nov. 7.

- Melaas, George D., Salinas, Calif. Display fixture. 1,941,100; Dec. 26.
- Melaun, Ernst, Indianapolis, Ind. Collapsible grillage guard for door and window openings. 1,920,416; Aug. 1.
- Melcher, Harry G., assignor of one-half to J. G. Carruthers, Grove City, Pa. Heat exchanger. 1,916,768; July 4.
- Melcher, Lee W., Winnetka, Ill. Air conditioning system for railway cars. 1,905,040; Apr. 25.
- Melcher, Lee W., Winnetka, Ill. Air cooler. 1,917,537; July 11.
- Melcher, Lee W., Winnetka, Ill. Air conditioning apparatus. 1,921,257; Aug. 8.
- Meléndez, Leandro E., New York, N. Y. Magazine pencil. 1,939,566; Dec. 12.
- Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone pay station receptacle. 1,919,799; July 25.
- Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 1,940,095; Dec. 19.
- Melin, Otto, assignor of one-half to Clarence Allen, Livingston, Mont. Mechanical irrigator. 1,902,412; Mar. 21.
- Mellema, Cornelis H. G. (See Zecher, G., and Mellema.)
- Mellen, William H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,928,944; Oct. 3.
- Meller, Karl, assignor to Westinghouse Electric & Manufacturing Company, Berlin-Siemensstadt, Germany. Automatic welding device. 1,927,896; Sept. 26.
- Mellerio, Lucien P., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe stiffener and manufacturing the same. 1,926,161; Sept. 12.
- Melley, John J., Chicago, Ill., and J. W. Chapman, Parsons, Kans., assignors of one-third to W. H. Heckman, Chicago, Ill. Railway journal box assembly. 1,907,081; May 2.
- Mellgren, Nils, Gottenborg, Sweden. Manufacture of heat evolving cottages. 1,915,898; June 27.
- Melling, Herman W., Jackson, Mich. Lathe. 1,904,949; Apr. 18.
- Melling, Herman W., Jackson, Mich. Lathe. 1,919,738; July 25.
- Melling, Joseph, Jackson, Mich. Wrench. 1,895,638; Jan. 31.
- Mellmann, Willy, Lubeck, Germany. Hollow stone ceiling. 1,934,317; Nov. 7.
- Mello, Manuel P., Fall River, Mass. Machine for combing textile fibers. 1,905,300; Apr. 25.
- Mellor, Albert, and D. T. McLellan, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 1,893,239; Jan. 3.
- Mellor, James F., El Dorado, Ark. Earth boring apparatus. 1,902,968; Mar. 28.
- Mellor, John, Bayhead, N. J. Piston ring. 1,918,707; July 18.
- Mellor, John, Bayhead, N. J. Packing ring and packing. 1,925,268; Sept. 5.
- Mellor, Lewis L., Los Angeles, Calif., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Optical system for photography. 1,910,492; May 23.
- Mellor, Robert T., Jefferson Township, Allegheny County, Pa. Insulating support for electrical conductors. 1,931,203; Oct. 17.
- Mellowes, Alfred W., assignor of one-half to E. B. H. Tower, Jr., Milwaukee, Wis. Mechanical refrigerating evaporator. Re18,851; May 30.
- Mellwig, Joseph W., Zurich, Switzerland. Machine for scraping the floor. 1,914,832; June 20.
- Melnick, Myer, Bronx, N. Y. Conveyer. 1,911,961; May 30.
- Meloon, Nathaniel W., Buffalo, N. Y. Spraying nozzle. 1,920,874; Aug. 1.
- Melton, Harry E. (See Kerr, H. J., and Melton.)
- Meltzer, Leo A., Seattle, Wash. Can liner. 1,907,082; May 2.
- Melucci, Anthony L., Brooklyn, N. Y. Automatic feeding table. 1,933,275; Oct. 31.
- Melvill, Francis L. (See Blair, S. M., Melville, Berry, and Banks.)
- Melvill, Francis L., Pointe-A-Pierre, Trinidad, British West Indies, assignor to Trinidad Leaseholds, Limited, London, England. Removal of hydrogen sulphide from gases. 1,925,198; Sept. 5.
- Melville, Herbert J., Chicago, Ill. Mechanical toy. 1,897,670; Feb. 14.
- Melvin, Frank A., and F. B. Wellington, Danielson, Conn., assignors to Powdrell & Alexander, Inc., Boston, Mass. Sewing machine attachment. 1,932,116; Oct. 24.
- Melvin, John A., St. Louis, Mo. Building construction. 1,898,736; Feb. 21.
- Memini, Giacomo, Milan, Italy. Aircraft carburetor. 1,916,060; June 27.
- Memini, Giacomo, Milan, Italy. Aircraft carburetor. 1,916,061; June 27.
- Memini, Giacomo, Milan, Italy. Carburetor. 1,916,062; June 27.
- Memminger, Carl J., San Antonio, Tex. Chiropractor's folding table. 1,908,778; May 16.
- Memminger, Christopher G., Asheville, N. C.; W. H. Wagaman, Lakeland; S. D. Gooch, Lake Wales, and F. P. Kerschbaum, Winter Haven, Fla. Production of phosphoric acid. 1,896,006; Jan. 31.
- Memmler, Eugene, Los Angeles, Calif. Printing press gauge. 1,912,488; June 6.
- Menamin, Francis C. (See Ashley, J. D., Jr., and Menamin.)
- Menamin, Francis C., deceased, Philadelphia, Pa.; Mollie A. Menamin, executrix, assignor to A. C. Moeller, J. D. Ashley, Jr., and D. E. Rattin, individually trading as Electric Meter Lock Company, Philadelphia, Pa. Non-removable grip or clutch. 1,911,916; May 30.
- Menamin, Mollie A., executrix. (See Ashley, J. D., Jr., and Menamin, Francis C.)
- Menamin, Mollie A., executrix. (See Menamin, Francis C.)
- Menard, Hubert. (See Rouanet, Louis, assignor.)
- Menasha Products Company, The. (See Eggebrecht, Oscar O., assignor.)
- Menasha Products Company, The. (See Gardner, George H., assignor.)
- Menasha Products Company, The. (See Horwitt, Paul H., assignor.)
- Menasha Products Company, The. (See Smith, Marshall H., assignor.)
- Menasha Wooden Ware Corporation. (See Hinton, George W., assignor.)
- Mencken, August, Baltimore, Md. Inlaying method. 1,935,480; Nov. 14.
- Mendel, Albert W., Pittsburgh, Pa. Antiskid chain. 1,924,286; Aug. 29.
- Mendel, Joseph A., Pittsfield, Mass., assignor to General Electric Company. Making table terminals. 1,937,431; Nov. 28.
- Mendel, Sol P., Newark, N. J. Inkwell. 1,923,109; Aug. 22.
- Mendel, William. (See Neidich, S. A., and Mendel.)
- Mendel, William, Beverly, N. J. Making articles from celluloid and the like. 1,903,530; Apr. 11.
- Mendel, William, Beverly, N. J. Forming composite cords and braids. 1,923,322; Aug. 22.
- Mendelsohn, Albert, Painesdale, Mich. Apparatus for loading broken rock. 1,902,457; Mar. 21.
- Mendelson, Charles. (See Hamilton, Charles E., sr., assignor.)
- Mendelson, Charles, et al. (See Hamilton, Charles E., sr., assignor.)
- Mendelson, E. S., & Co. (See Marks, Isidore J., assignor.)
- Mendelson, Percy, et al. (See Hamilton, Charles E., sr., assignor.)
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Submersible motor with oil supply pipe. 1,925,334; Sept. 5.
- Mendenhall, Earl, and J. B. Van Horn, assignors to Menhorn, Inc., Los Angeles, Calif. Stuffing box. 1,925,562; Sept. 5.
- Mendenhall, Elbert V., Alhambra, Calif. Table-slide means. 1,915,636; June 27.
- Mendenhall, Hallam E., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,931,874; Oct. 24.
- Mendenhall, Hallam E., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,934,369; Nov. 7.
- Mendenhall, J. Howard, and T. T. Shoaf, San Francisco, Calif. Suspended camp cooler. 1,892,733; Jan. 3.
- Mendez, Florencio J., New York, N. Y. Rupture pad. 1,934,991; Nov. 14.
- Méndez, Ricardo, Monterrey, Mexico. Carburetor. 1,933,992; Nov. 7.
- Méndez, Vicente, New York, N. Y. Wheel mounting. 1,935,651; Nov. 21.
- Mendoza, Mordecai, West Didsbury, and J. Hannon, Gorton, England, assignors to Imperial Chemical Industries Limited. Azo dyestuffs for leather. 1,923,944; Aug. 22.
- Meng, Emil R. (See Heiber, W. G., and Meng.)
- Meng, Harry E., Oak Park, assignor to W. D. Allen Manufacturing Company, Chicago, Ill. Lawn sprinkler. 1,895,890; Jan. 31.
- Meng, Harry E., Oak Park, assignor to W. D. Allen Manufacturing Company, Chicago, Ill. Sprinkler head. 1,900,124; Mar. 7.
- Mengel Company, The. (See Horine, Irving, assignor.)
- Mengel, Waldo E. (See Zahn, G. E., and Mengel.)
- Mengele, Benno, Wien, Austria, assignor to Westinghouse Electric & Manufacturing Company. Polyphase system. 1,912,907; June 6.
- Mengele, Hans, Wiesbaden, assignor to Byk-Guldenwerke Chemische Fabrik Aktiengesellschaft, Berlin, Germany. Toning silver pictures. 1,899,972; Mar. 7.
- Mengeler, Albert M. D. (See Hanly, G. A., and Mengeler.)
- Mengering, Franz, Magdeburg, Germany. Process and apparatus for preparing respiration baths. 1,922,488; Aug. 15.
- Mengle, Glenn A., Brockway, Pa. Fruit jar. Des. 91,247; Dec. 26.
- Mengle, Glenn A., assignor to Brockway Sales Company, Brockway, Pa. Jar. Des. 90,122; June 13.
- Menhorn, Inc. (See Mendenhall, E., and Van Horn, assignors.)
- Menk, Ferdinand C., Huntington, W. Va. Pneumatic separating device. 1,914,862; June 20.
- Menke, Edward W., et al. (See Brewer, Clarence T., assignor.)
- Menne, Louis H., Quincy, Ill. Pipe joint. 1,917,992; July 11.

- Mennesson, Marcel, Neuilly-Sur-Seine, assignor to "Société Anonyme de Construction de Matériel Automobile, S. A. C. M. A.", Paris, France. Measuring instrument control for machines. 1,927,750; Sept. 19.
- Mennie, Robert S., Montclair, N. J. Rail lubricator. 1,941,265; Dec. 26.
- Mennillo, Ciro R. (See Mennillo, Edna, assignor.)
- Mennillo, Edna, assignor of one-half to Ciro R. Mennillo, Hollywood, Calif. Vehicular dwelling. 1,895,228; Jan. 24.
- Menschner, Johannes, Rosswein, assignor to Koch & Te Koch, Oelsnitz, Germany. Card saving motion for Jacquards. 1,911,523; May 30.
- Mensi, Jean E., Memphis, Tenn. Cover for hot-water bags and the like. 1,927,751; Sept. 19.
- Menten, Pedro, Sao Paulo, Brazil. Container for packing articles. 1,932,705; Oct. 31.
- Mentges, John, Sidney, Ohio. Folding machine. 1,925,269; Sept. 5.
- Mentkow, Abraham, Brooklyn, N. Y. Button. Des. 89,261; Feb. 14.
- Mentkow, Abraham, Brooklyn, assignor to B. Blumenthal & Co., Inc., New York, N. Y. Buckle. Des. 89,405; Mar. 7.
- Menton, David B., Ottawa, Ill. Ball bearing. 1,927,466; Sept. 19.
- Menton, Joseph B., Detroit, Mich., assignor to Murray Corporation of America. Fender. 1,914,669; June 20.
- Menton, Stanley, assignor to Limousine Body Company, Kalamazoo, Mich. Window construction. 1,922,057; Aug. 15.
- Mentor, Earl W., and C. J. Scranton, jr., assignor to Avery Power Machinery Co., Peoria, Ill. Grain distributing means for combines. 1,902,289; Mar. 21.
- Menzies, William C., Scranton, Pa. Method of and apparatus for separating materials of different specific gravities. 1,900,190; Mar. 7.
- Mercantini, Riccardo. (See Monchiero, L. E., and Mercantini.)
- Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Mez, Gustav, assignor.)
- Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Pott, Friedrich, assignor.)
- Mercedes Büromaschinen-Werke, Aktiengesellschaft. (See Schlüns, Carl, assignor.)
- Mercer, Edward R., Gibbon, Nehr. Automatic signaling mechanism for schools. 1,916,769; July 4.
- Mercer, George J., Detroit, Mich., assignor, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., New York, N. Y. Brake-testing machine. 1,932,290; Oct. 24.
- Mercer, Raymond C., Los Angeles, Calif. Film patch. 1,914,726; June 20.
- Mercer, Richard, Harrow, and F. Tench, West Norwood, London, England, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. Re18,927; Aug. 29.
- Merchant, Berence W., Kensington, Md. Cigarette package. 1,906,172; Apr. 25.
- Merchant, Charles, Kansas City, Kans. Electric lantern. 1,927,713; Sept. 19.
- Merchant, Paul W., Port Arthur, Tex. Mixing device. 1,903,429; Apr. 11.
- Merchie, Charles, Brussels, assignor to Compagnie Internationale Des Freins Automatiques Société Anonyme, Liege, Belgium. Hydro pneumatic motor. 1,926,296; Sept. 12.
- Mercier, Albert C. (See Davis, George P., assignor.)
- Mercier, Clifford, and P. Dietrich, Lowell, Mass. Detachable sink strainer. 1,903,366; Apr. 4.
- Mercier, Daniel, Annony, France. Hide and leather dressing machine. 1,901,317; Mar. 14.
- Mercier, Jean, Paris, France. Antirolling pneumatic suspension device. 1,914,814; June 20.
- Mercier, Pierre E., Neuilly-sur-Seine, France, assignor to Compagnie Industrielle Franco-Africaine, Alger Parc, Gatilif, Algeria. Separation and concentration of the constituents of heterogeneous emulsions, or suspensions. 1,922,489; Aug. 15.
- Mercier, Stanley M., Grandview, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Safety lock. 1,925,023; Aug. 29.
- Mercil Plating Equipment Company. (See O'Neill, William J., assignor.)
- Merck & Co. (See Chandler, Wallace L., assignor.)
- Merck, E. (See Schneider, Heinrich, and K., assignors.)
- Merco Centrifugal Separator Co. (See Coe, Harrison S., assignor.)
- Merco Centrifugal Separator Co., Ltd. (See Peltzer, Albert, and A., jr., assignors.)
- Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
- Mercury Manufacturing Company. (See Schroeder, William, assignor.)
- Mercury Motor Corporation. (See Petrilli, Harry E., assignor.)
- Meredith, Jaquelin M., assignor of one-fourth to B. F. Yost, Norfolk, Va. Tire and rim construction. 1,900,835; Mar. 7.
- Meredith, William C., Atlanta, Ga. Doorstep and stringer. 1,925,642; Sept. 5.
- Merenda, Paul V. J., Fontenay-aux-Roses, France, assignor to The Turner Tanning Machinery Company, Portland, Maine. Press. 1,932,556; Oct. 31.
- Mergenthaler Linotype Company. (See Ackerman, W., and Kingsbury, assignors.)
- Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
- Mergenthaler Linotype Company. (See Burt, Harold A., assignor.)
- Mergenthaler Linotype Company. (See Dodge, Norman, assignor.)
- Mergenthaler Linotype Company. (See Doxey, George A., assignor.)
- Mergenthaler Linotype Company. (See Frolander, Frank C., assignor.)
- Mergenthaler Linotype Company. (See Griffith, Chauncey H., assignor.)
- Mergenthaler Linotype Company. (See Grumman, Fred C., assignor.)
- Mergenthaler Linotype Company. (See Guest, Alfred W., assignor.)
- Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
- Mergenthaler Linotype Company. (See Humphreys, Guy F., assignor.)
- Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)
- Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
- Mergenthaler Linotype Company. (See Morrison, Luther E., assignor.)
- Mergenthaler Linotype Company. (See Pierson, E. W., and Gruman, assignors.)
- Mergenthaler Linotype Company. (See Plastaras, James C., assignor.)
- Mergenthaler Linotype Company. (See Rogers, John R., assignor.)
- Mergenthaler Linotype Company. (See Stouges, Anthony J., assignor.)
- Mergentheim, Rose H., Winnetka, Ill. Closure for containers. 1,931,991; Oct. 24.
- Mergott, J. E., Company. (See Hartmann, Paul E., assignor.)
- Mergott, J. E., Company. (See Hiering, William C., assignor.)
- Meriam, Joseph B., Cleveland, Ohio. Mounting for measuring instruments. 1,909,296; May 16.
- Merica, Paul D., Westfield, J. S. Vanick, Elizabeth and T. H. Wickenden, Roselle, N. J., assignors, by mesne assignments, to The International Nickel Company, Inc., New York, N. Y. Gray iron alloy. 1,900,125; Mar. 7.
- Mericka, Carl O. (See Taylor, E. H., Seifert, Mericka, Loser, Behnke, and Somervell.)
- Mericka, Carl O., Chicago, and W. M. Loser, Wheaton, Ill., assignors, by mesne assignments, to Consolidated Signal Company, Crossing gate. 1,923,945; Oct. 3.
- Merviale, Vernon, Leeds, England. Coin-freed apparatus. 1,907,359; May 2.
- Merk, Friedrich, Frankfurt-on-the-Main, Germany. Multiple brush selector with mechanical brush selection. 1,895,265; Jan. 24.
- Merk, Friedrich, Frankfurt-on-the-Main, Germany. Selector arrangement. 1,929,507; Oct. 10.
- Merk, Friedrich, Frankfurt-on-the-Main, Germany. Flat bank multiple for selectors in telephone exchanges. 1,938,752; Dec. 12.
- Merk, Friedrich, assignor to H. Fuld & Co., Telefon- und Telegraphenwerke Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Selector switch. 1,912,087; May 30.
- Merk, Friedrich, assignor to H. Fuld & Co. Telefon- und Telegraphenwerke Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lifting device for selectors in telephone exchanges. 1,913,812; June 13.
- Merk, Lawrence A., Pittsburgh, assignor to Railway Maintenance Corporation, Aspinwall, Pa. Lubricator. 1,899,767; Feb. 28.
- Merk, Lawrence A., Pittsburgh, assignor to Railway Maintenance Corporation, Aspinwall, Pa. Lubricator. 1,923,449; Aug. 22.
- Merkel, Georg, Munich, Germany. Manufacturing low volatile coke. 1,939,457; Dec. 12.
- Merkel, Hans, Brooklyn, N. Y. Ash tray. Des. 91,248; Dec. 26.
- Merkel, Joseph F. (See Wight, S. N., and Merkel.)
- Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 1,929,097; Oct. 3.
- Merkel & Kienlin G. m. b. H. (See Schlierer, Eugen, assignor.)
- Merkt, Gustav A. (See Isley, G. H., and Merkt.)
- Merkt, Gustav A., assignor to Morgan Construction Company, Worcester, Mass. Recirculating system and apparatus for waste furnace gases. Re18,801; Apr. 25.
- Merkt, Gustav A., assignor to Morgan Construction Company, Worcester, Mass. Regulation of heating furnaces. 1,896,910; Feb. 7.
- Merlau, Bryan, Los Angeles, and J. F. McClelland, Tujunga, Calif. Storage battery. 1,934,945; Nov. 14.
- Merle, André N., Vincennes, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Finder for cameras provided with objectives of different foci. 1,897,268; Feb. 14.
- Merle, André N., Vincennes, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Film pressing device for motion picture apparatus. 1,933,066; Oct. 31.
- Merle, André N., Vincennes, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Film pressing arrangement for motion picture apparatus. 1,937,976; Dec. 5.

- Merley, Sylvan R., Dover, N. J., assignor to Doherty Research Company, New York, N. Y. Forming alkyl sulfates. 1,897,812; Feb. 14.
- Merley, Sylvan R., Dover, N. J., assignor to Doherty Research Company, New York, N. Y. Ester purification. 1,898,737; Feb. 21.
- Merley, Sylvan R., Dover, N. J., assignor to Doherty Research Company, New York, N. Y. Manufacturing organic esters. 1,924,616; Aug. 29.
- Merley, Sylvan R., Dover, N. J., assignor to Doherty Research Company, New York, N. Y. Purifying liquids. 1,928,132; Sept. 26.
- Merley, Sylvan R., Dover, N. J., assignor to Doherty Research Company, New York, N. Y. Purifying alcohols. 1,931,505; Oct. 31.
- Merley, Sylvan R., Dover, N. J., and O. Spring, Okmulgee, Okla., assignors to Doherty Research Company, New York, N. Y. Manufacture of acetic acid. 1,904,160; Apr. 18.
- Merley, Sylvan R., Dover, N. J., and O. Spring, Okmulgee, Okla., assignors to Doherty Research Company, New York, N. Y. Manufacture of esters. 1,924,615; Aug. 29.
- Merliiss, Reuben, Detroit, Mich. Syringe. 1,930,681; Apr. 11.
- Merlub-Sobel, Menahem. (See Booth, H. S., Torrey, and Merlub-Sobel.)
- Mermer, Stephan P., assignor to The Commercial Savings Bank & Trust Company, Toledo, Ohio. Plate glass grinding apparatus. 1,906,329; May 2.
- Mermer, Stephan P., assignor to The Commercial Savings Bank & Trust Company, Toledo, Ohio. Plate grinding machine. 1,937,091; Nov. 28.
- Mernier, Eugene, Braux, France, assignor to International Safety Lock Nut Corporation. Apparatus for manufacturing forgings. 1,916,432; July 4.
- Merolle, Augustus L. (See Mackie, Charles H., assignor.)
- Merolle, Augustus L., assignor of one-half to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Bottle cap and liner therein and assembly. 1,937,492; Nov. 28.
- Merrell, Wm. S., Company, The. (See Larson, W. P., and Bye, assignors.)
- Merriam, Edmund S., Marietta, Ohio. Preformed abrasive and producing the same. 1,924,648; Aug. 29.
- Merriam, Ezra B., Swarthmore, Pa., assignor to General Electric Company. Electric circuit breaker. 1,895,935; Jan. 31.
- Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur. 1,919,342; July 25.
- Merrick, Frank W., Boston, Mass. Safety razor. 1,918,856; July 18.
- Merrick, Frank W., Dorchester, assignor to American Stay Company, East Boston, Mass. Tool for working leather and like materials. 1,912,152; May 30.
- Merrick Scale Mfg. Company. (See Hebden, Frank S., assignor.)
- Merrifield, Richard. (See Burkle, Robert, assignor.)
- Merrill, Albert D. (See Dunbar, T. L., and Merrill.)
- Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber shaft-bearing. 1,895,936; Jan. 31.
- Merrill Company, The. (See Cornell, Mead, assignor.)
- Merrill Company, The. (See Ericson, Erland W., assignor.)
- Merrill, David R., Long Beach, and P. S. Clarke, Berkeley, assignors to Union Oil Company of California, Los Angeles, Calif. Treating acid sludges. 1,919,664; July 25.
- Merrill, Leslie M. (See Luce, R. W., and Merrill.)
- Merrill, Lynn L., Pittsfield, Mass., assignor to General Electric Company. Insulating spacer. 1,936,470; Nov. 21.
- Merrill, Patterson D., assignor to M. B. Skinner Co., South Bend, Ind. Pipe joint sealing device. 1,909,297; May 16.
- Merrill, Philip P., Evanston, assignor to Ludlow Typograph Company, Chicago, Ill. Matrix-stick. 1,936,253; Nov. 21.
- Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Hinge for mounting desk top lids. 1,906,396; May 2.
- Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Chair. 1,931,504; Oct. 24.
- Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Chair. 1,939,595; Dec. 12.
- Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 1,939,596; Dec. 12.
- Merrill, Sidney B., assignor to The E. W. Vanduzen Company, Cincinnati, Ohio. Construction of bells. 1,918,551; July 18.
- Merrill, Sidney B., Cincinnati, Ohio. Control device for bell ringing mechanism. 1,938,712; Dec. 12.
- Merrill, Sidney B., Cincinnati, Ohio. Bell ringing mechanism and control therefor. 1,938,713; Dec. 12.
- Merrill, William C., jr. Birmingham, Ala. Projection apparatus. 1,939,597; Dec. 12.
- Merrimac Chemical Co. (See Taylor, Maurice, assignor.)
- Merrimac Chemical Company. (See Wilson, William S., assignor.)
- Merriman, Henry H., Kalamazoo and F. W. Piché, Detroit, Mich. Wrench. 1,903,514; Apr. 11.
- Merritt, Andrew J., Walseburg, Colo. Crate. 1,903,722; Apr. 11.
- Merritt, Charles H., assignor to The Clark Box Company, Danbury, Conn. Protecting hats from perspiration. 1,923,550; Aug. 22.
- Merritt, Edward H., Fort Wayne, Ind. Remote control system for radio receiving sets. 1,918,857; July 18.
- Merritt, Ericsson H. (See Merritt, L. G. and E. H.)
- Merritt, Ericsson H., and R. W. Stanley, Lockport, N. Y., assignors, by mesne assignments, to Laminating Patents Corporation, Seattle, Wash. Method and apparatus for applying fluid materials to moving surfaces. 1,929,896; Oct. 10.
- Merritt, Glenn W., assignor to The Mining Safety Device Company, Bowerston, Ohio. Cage, ladder, and gate combination. 1,934,869; Nov. 14.
- Merritt, John B. (See Holt, C. K., and Merritt.)
- Merritt, Louis G. and E. H. Lockport, N. Y., assignors to Laminating Patents Corporation, Seattle, Wash. Plywood-pressing apparatus and method. 1,929,897; Oct. 10.
- Merritt, Malcolm, Fort Wayne, Ind., assignor to The Western Gas Construction Company. Return bend for pipe coils. 1,893,841; Jan. 10.
- Merritt, Vernon, Montgomery, Ala. Method of and apparatus for preventing the bursting of liquid containers subjected to freezing temperature. 1,900,836; Mar. 7.
- Merritt, Ralph P. (See Alder, William F., assignor.)
- Mersch, Jacob, Jersey City, N. J. Aircraft. 1,913,556; June 13.
- Mersch, Josef, Leverkusen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1,7-dihydroxynaphthalene. 1,916,627; July 4.
- Mershon, Alfred V., and B. C. Waite, jr., Schenectady, N. Y., assignors to Central Electric Company. Electric gauge. 1,928,457; Sept. 26.
- Mershon, Ralph D. (See Hammond, Laurens, assignor.)
- Mershon, Ralph D., New York, N. Y. Electrolytic rectifier. 1,908,039; May 9.
- Merson, M. Hugh, et al. (See Thomson, George R., assignor.)
- Mertel, Henry P., Ridgefield, N. J. Tabernacle safe. 1,907,850; May 9.
- Mertel, Henry P., Ridgefield, N. J. Door moving and locking mechanism for tabernacle safes and the like. 1,907,851; May 9.
- Mertens, Eugene, Louvain, Belgium. Recovering neutral grease from wool washing water. 1,937,291; Nov. 28.
- Mertens, Karl. (See Raym, W., Mertens and Salzer.)
- Mertes, Albert T., Newport, assignor, by mesne assignments, to Krebs Pigment & Color Corporation, Wilmington, Del. Production of zinc salt solutions. 1,906,074; Apr. 25.
- Mertes, Albert T., Newport, Del., assignor to Krebs Pigment & Color Corporation, Newark, N. J. Making barium salts. 1,936,849; Nov. 28.
- Mertes, Robert G., Catonsville, Md., assignor to The Pittsburgh Plate Glass Company, Pittsburgh, Pa. Making cup brushes. 1,900,575; Mar. 7.
- Mertz, Fritz, Magdeburg, assignor to the Firm Fried, Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Machine for decorticating fibre-containing foliate plants. 1,899,470; Feb. 28.
- Mertznanoff, André M. (See Loftus, D. A., and Mertznanoff.)
- Mertznanoff, André M., Paris, France, assignor to American Radiator Company, New York, N. Y. Boiler. 1,925,811; Sept. 5.
- Merwin, George E., and F. W. Shoemaker, Port Arthur, Tex. Thread cutting attachment for lathes. 1,902,657; Mar. 21.
- Merwin, John C., assignor to Chain Belt Company, Milwaukee, Wis. Locking pin construction. 1,893,467; Jan. 3.
- Merz, August, East Orange, assignor, by mesne assignments, to The Calco Chemical Company, Inc., Bound Brook, N. J. Dyes of the azine class and manufacture thereof. 1,896,244; Feb. 7.
- Merz, Friedrich C. J. (See Hitzler, J., and Merz.)
- Merz, Fritz, Frankfort-on-the-Main, Rodenheim, Germany. Expandable last or boot-tree. 1,928,596; Sept. 26.
- Merz, Otto H., West Allis, R. A. Arndt, Wauwatosa, and C. B. Lange, Racine, assignors to Convertible Door Mfg. Co., West Allis, Wis. Knockdown assemblage. 1,903,122; Mar. 28.
- Merzon, Joseph, Gloversville, N. Y. Pen and pencil clip. 1,928,863; Oct. 3.
- Meshko, John W., Arrochar, assignor, by mesne assignments, to J. Korney, New York, N. Y. Clasp. Des. 89,732; May 2.
- Mesinger, Frederick, Mount Vernon, N. Y. Saddle. 1,936,403; Nov. 21.
- Messer, Adolf, Frankfort-on-the-Main, Germany. Cutting mechanism. 1,901,254; Mar. 14.
- Messer, George H., Newark, N. J. Pump and strainer. 1,914,644; June 20.
- Messer, William E., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,893,630; Jan. 10.
- Messerknecht, Louis, assignor to The Federal Glass Company, Columbus, Ohio. Glass tumbler or article of similar nature. Des. 89,909; May 16.
- Messerschmitt, Willy, Augsburg, Germany. Spar for airplanes. 1,900,067; Mar. 7.
- Messgerate Boykow, G. m. b. H. (See Boykow, Johann M., assignor.)

- Messick, John C., Venice, assignor of one-third to Frank H. Tull, Culver, Calif. Automatic variable speed transmission. 1,894,318; Jan. 17.
- Messick, Kirwan, Clarendon, Va. Excavator. 1,899,345; Feb. 28.
- Messick, Kirwan, Clarendon, Va. Hydraulic crowder. 1,937,432; Nov. 28.
- Messier, Georges Louis René Jean, Paris, France. Suspension system for vehicles. 1,906,479; May 2.
- Messing, Hjalmar S., Milwaukee, Wis., assignor to S. Morgan Smith Company, York, Pa. Hydraulic turbine. 1,917,538; July 11.
- Messing, Joseph., assignor to Bull Dog Electric Products Company, Detroit, Mich. Fuse blocks. Des. 18,779; Mar. 28.
- Messing, Joseph A. (See Frank, H. J. L., Messing, and Harper.)
- Messinger Devices, Incorporated. (See Ertz, George L., assignor.)
- Messinger, Lester H., jr., Bridgeport, Conn. Attachment for internal combustion engines. 1,910,350; May 23.
- Messler, Eugene L., Pittsburgh, Pa. Hot top. 1,913,847; June 13.
- Messler, Eugene L., and J. J. Isherwood, Pittsburgh, Pa.; said Isherwood, assignor to said Messler. Ingot mold assembly. 1,893,206; Jan. 3.
- Messler, Eugene L., and J. J. Isherwood, Pittsburgh, Pa.; said Isherwood assignor to said Messler. Hot top. 1,893,207; Jan. 3.
- Messmer, Charles A., jr., St. Louis, Mo., assignor to Benjamin W. Freeman, Cincinnati, Ohio. Die. 1,908,642; May 9.
- Messmer, Herman F., Buffalo, N. Y. Nut lock. 1,934,439; Nov. 7.
- Messmore, George H., New York, N. Y. Head movement for a device simulating a dinosaur or other animal. 1,898,587; Feb. 21.
- Messmore, Richmond W. (See Lyle, J. C., and Messmore.)
- Messner, Ora R., and E. Lough, White Pigeon, Mich. Illuminated display device. 1,915,236; June 20.
- Mesta Machine Company. (See Fisk, Gustav L., assignor.)
- Mesta Machine Company. (See Iverson, Lorenz, assignor.)
- Mesta Machine Company. (See Iversen, L., Fisk, and Raisig, assignors.)
- Mesta Machine Company. (See Iversen, L., Noble, and Fisk, assignors.)
- Mesta Machine Company. (See Trinks, Willibald, assignor.)
- Mesta Machine Company. (See Wood, Frank J., assignor.)
- Meston, Archibald F., Middlesex, N. J., assignor to Research Corporation, New York, N. Y. Concentrated field precipitator. 1,903,644; Apr. 11.
- Meston, Archibald F., East Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Combined heat exchanger and dry cleaner. 1,912,381; June 6.
- Metafilters (1929) Limited. (See Pickard, Joseph A., assignor.)
- Metal Arts Co. Inc. (See Migney, Marc A., assignor.)
- Metal Box Company Limited, The. (See Huxley, Joseph H., assignor.)
- Metal Castings Limited. (See McConnell, Frederic W., assignor.)
- Metalcraft Corporation. (See Ericson, George R., assignor.)
- Metalcraft Corporation. (See Korte, Alfred C., assignor.)
- Metal Finishing Research Corporation. (See Darsey, Van M., assignor.)
- Metal Finishing Research Corporation. (See Tanner, Robert R., assignor.)
- Metal Finishing Research Corporation. (See Tanner, Robert R., and Lodeesen, assignors.)
- Metal Forms Corporation. (See Wotnoske, Fred C., assignor.)
- Metalfoil, Incorporated. (See Deacon, William T., assignor.)
- Metalfoils, Incorporated. (See Deacon, W. T., and Perkins, assignors.)
- Metal Forms Corporation. (See Wotnoske, Fred C., assignor.)
- Metal-Glass Products Co. (See Colvin, Isaac E., assignor.)
- Metal Hose & Tubing Co. (See Wallace, Archibald L., assignor.)
- Metal Office Furniture Company. (See Bullock, Earl, assignor.)
- Metal Office Furniture Company. (See Pipe, John, assignor.)
- Metal Office Furniture Company. (See Wege, Peter M., assignor.)
- Metal Package Corporation. (See Buschman, S. L., and Hopkins, assignors.)
- Metal Products Company. (See Cocks, Harry J., assignor.)
- Metal Sections Limited. (See Henderson, Leonard, assignor.)
- Metal Specialties Manufacturing Company. (See Hermann, Wolfgang, assignor.)
- Metal Specialties Manufacturing Company. (See Lewis, George S., assignor.)
- Metal Specialty Company, The. (See Flach, Frederic J., assignor.)
- Metal Stampings Corporation. (See Gillooly, William, assignor.)
- Metal Textile Corporation. (See De Angelis, Frederick, assignor.)
- Metal Textile Corporation. (See Kingman, Russell B., assignor.)
- Metal Textile Corporation. (See Mayer, Daniel J., assignor.)
- Metal & Thermit Corporation. (See Ronay, Bela, assignor.)
- Metal Ware Corporation. (See Marvin, W. S., and Sibehorn, assignors.)
- Metallgesellschaft Aktiengesellschaft. (See Goldschmidt, V. M., and Sidentopf, assignors.)
- Metallgesellschaft Aktiengesellschaft. (See Lehrecke, Hans, assignor.)
- Metallgesellschaft Aktiengesellschaft. (See Von Girssewald, C., Siegens, and Marschner, assignors.)
- Metallic Sash-Operator Company. (See Parr, Peter, assignor.)
- Metallic Shaft Company, The. (See Lard, Allan E., assignor.)
- Metalon, Joseph. (See Shaloun, E., and Matalon.)
- Metals Research Syndicate. (See Sparks, Stanley W., assignor.)
- Metalwash Machinery Company. (See Zademach, Erich R., assignor.)
- Metavallas, George W., assignor of one-half to L. A. Krier, Muskegon Heights, Mich. Universal keyless combination lock. 1,898,017; Feb. 21.
- Metcalfe, Abram, Hammond, Ind. Forming forked heads on metal bars. 1,899,288; Feb. 28.
- Metcalfe, Edgar E., Moville, Iowa, assignor to Deere & Company. Harvesting machine. 1,911,637; May 30.
- Metcalfe, Edgar E., Moville, Iowa, assignor to Deere & Company, Moline, Ill. Corn harvester. 1,925,270; Sept. 5.
- Metcalfe, Edgar E., Moville, Iowa, assignor to Deere & Company, Moline, Ill. Agricultural implement. 1,935,811; Nov. 21.
- Metcalfe, Harold G., assignor to Columbian Rope Company, Auburn, N. Y. Rope. Re19,019; Dec. 12.
- Metcalfe, Harold G., and K. H. Bowen, assignors to Columbian Rope Company, Auburn, N. Y. Antiskid device. 1,934,318; Nov. 7.
- Metcalfe, Irving R., St. Charles, Ill., assignor to Latham Machinery Company. Stitching machine. 1,906,075; Apr. 25.
- Metcalfe, Irving R., St. Charles, Ill., assignor to Latham Machinery Company. Stitching machine. 1,911,159; May 23.
- Metcalfe, Irving R., assignor to Latham Machinery Company, St. Charles, Ill. Conveying mechanism for a stitching machine and the like. 1,920,417; Aug. 1.
- Metcalfe, Milton M., Vallejo, Calif. Machine for facing hinges. 1,929,439; Oct. 10.
- Methlin, Nicolas B., assignor to Schneider & Cie., Paris, France. Wheeled gun carriage adapted to be transformed rapidly into a gun carriage for firing upon aircraft. 1,896,911; Feb. 7.
- Methudy Automatic Lighter Co. (See Methudy, Carl E., assignor.)
- Methudy, Carl E., St. Louis, Mo., assignor to Methudy Automatic Lighter Co., East St. Louis, Ill. Ignition device for gas stoves. 1,909,298; May 16.
- Metlox Corporation. (See Wilson, William B., assignor.)
- Metlox Corporation, Ltd. (See Prouty, Willis O., assignor.)
- Met-L-Wood Corporation. (See Lewis, George K., assignor.)
- Metro-Goldwyn-Mayer Corporation. (See Ceccarini, Olindo O., assignor.)
- Metro-Goldwyn-Mayer Corporation. (See Gibbons, C., and Tate, assignors.)
- Metro-Goldwyn-Mayer Corporation. (See Mammes, Raymond J., assignor.)
- Metro-Goldwyn-Mayer Corporation. (See Shearer, Douglas G., assignor.)
- Metropolitan Device Corporation. (See Murray, Thomas E., assignor.)
- Metropolitan Device Corporation. (See Murray, Thomas E., jr., assignor.)
- Metropolitan Device Corporation. (See Murray, Thomas E., and T. E. jr.)
- Metropolitan Device Corporation. (See Murray, T. E., jr., and Rypinski, assignors.)
- Metropolitan Device Corporation. (See Oesterreicher, Sander I., assignor.)
- Metropolitan Device Corporation. (See Reed, George B., assignor.)
- Metropolitan Edison Company. (See Spangler, Charles H., assignor.)
- Metropolitan Engineering Company. (See Bennett, Irving T., assignor.)
- Metropolitan Engineering Company. (See Bennett, I. T., and Reynolds, assignors.)
- Metropolitan Engineering Company. (See Freiday, Jay A., assignor.)
- Metropolitan Engineering Company. (See Grady, Charles B., assignor.)
- Metropolitan Engineering Company. (See Hoffer, Le Roy H., assignor.)
- Metropolitan Engineering Company. (See Holmes, Henry S., assignor.)
- Metropolitan Engineering Company. (See Keenan, Walter M., assignor.)
- Metropolitan Engineering Company. (See Murray, Thomas E.)

- Metropolitan Engineering Company. (See Murray, Thomas E., jr., assignor.)
- Metropolitan Engineering Corporation. (See Murray, T. E., and Lawrence, assignors.)
- Metropolitan Engineering Company. (See Murray, T. E., jr., and Phelps, assignors.)
- Metropolitan Engineering Company. (See Phelps, George H., assignor.)
- Metropolitan Engineering Company. (See Phelps, G. H., and Walters, assignors.)
- Metropolitan Engineering Company. (See Smith, Albert A., assignor.)
- Metropolitan Engineering Company. (See Soehner, John D., assignor.)
- Metropolitan Paving Brick Company, The. (See Reker, Charles H., assignor.)
- Metropolitan Sewing Machine Corporation, The. (See Weis, Albert H., assignor.)
- Metropolitan Sewing Machine Corporation. (See Wild, Laurent H., assignor.)
- Mette, Herbert B., Lakewood, Ohio. Retaining wall. 1,909,299; May 16.
- Mettler, Josef, Zug, Switzerland, assignor to Landis Gyr, A.-G. Time-controlled electric switch. 1,902,570; Mar. 21.
- Metts, Walter J., Highland Park, assignor to Johnson & Johnson, New Brunswick, N. J. Packaging surgical dressing. 1,899,625; Feb. 28.
- Metz, Anthony J., assignor of one-third to J. R. Porter, and one-third to R. C. Jones, Davenport, Iowa. Vehicle axle and hub. 1,926,549; Sept. 12.
- Metz, Anthony J., assignor of one-third to J. R. Porter and one-third to R. C. Jones, Davenport, Iowa. Vehicle axle and hub. 1,926,550; Sept. 12.
- Metz, Carl, assignor to Keystone Lantern Company, Philadelphia, Pa. Bail ear. 1,897,852; Feb. 14.
- Metz, Charles, Youngstown, Ohio. Toy hoop roller. 1,906,480; May 2.
- Metz, Claude F., and H. Miesner, St. Louis, Mo. Safety device for automobile lifts. 1,938,191; Dec. 5.
- Metz, George B., Westwood, N. J., assignor to Gleason-Tiebout Glass Company, New York, N. Y. Lighting fixture globe. Des. 89,851; May 9.
- Metz, H. A., Laboratories, Inc. (See Pitkin, G. P., and Hooper, assignors.)
- Metz, Henry I., Chicopee Falls, Mass., assignor to Westinghouse Electric & Manufacturing Company. Automatic volume control. 1,940,874; Dec. 26.
- Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Heat exchanger. 1,904,875; Apr. 18.
- Metzger, Emil, Weehawken, assignor to Heather Handkerchief Works, Jersey City, N. J. Handkerchief or similar article. Des. 89,051; Jan. 17.
- Metzger, Floyd J., assignor to Air Reduction Company, New York, N. Y. Separation of acetylene. 1,900,655; Mar. 7.
- Metzger, Floyd J., New York, N. Y., and W. G. Fogg, Elizabeth, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Catalytic material and producing the same. 1,913,938; June 13.
- Metzger, Fred W., assignor of one-half to Henry Beck, Los Angeles, Calif. Loose-leaf binder. 1,940,006; Dec. 19.
- Metzger, Fritz, Chicago, Ill. Device for extracting fruit juices. 1,898,588; Feb. 21.
- Metzger, Margaret J., Houston, Tex. Signaling device. Des. 90,779; Sept. 28.
- Metzger, Otto, Nuremberg, assignor to Vereinigte Deutsche Metallwerke A.-G., Zweigniederlassung Süddeutsche Metallindustrie, Nubemberg-W., Germany. Matrix for extruding metals. 1,918,588; July 18.
- Metzger, Richard, Heidelberg, Germany, assignor, by mesne assignments, to General Aniline Works, Inc. Dyeing cellulose acetate silk. 1,908,993; May 16.
- Metzler, Frederick, assignor to H. R. Beebe Inc., Utica, N. Y. Collapsible table. 1,930,176; Oct. 10.
- Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
- Metzner, Albert W., assignor to J. Q. Sherman, Dayton, Ohio. Revolving manifolding register. 1,912,908; June 6.
- Meucci, Enrico, Florence, Italy. Footwear with elastic, flexible, and aerated soles embodying rubber sponge. 1,932,557; Oct. 31.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical connector. 1,898,589; Feb. 21.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Appliance plug clip or terminal. 1,906,481; May 2.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 1,918,282; July 18.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Rotary snap switch. 1,921,765; Aug. 8.
- Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 1,921,766; Aug. 8.
- Meulendyke, Charles E. (See Hurst, R. E., and Meulendyke.)
- Meuly, Walter C., Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparing arylamino-anthraquinone bodies. 1,931,265; Oct. 17.
- Meuly, Walter C., Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Saffranine dyestuff intermediates and preparing the same. 1,934,727; Nov. 14.
- Meunier, Christian J., New Orleans, La. Combination pen-filling inkwell and fountain pen set. 1,916,186; June 27.
- Meunier, Ross. (See Hellyer, Clement D., assignor.)
- Meurer, Hans. (See Haanen, K. A., and Meurer.)
- Meurer, Hans. (See Hepner, E., and Meurer.)
- Meurk, Bengt. E., Upper Montclair, N. J. Method and apparatus for separating liquids. 1,921,689; Aug. 8.
- Meurling, Ivar, Ridley Park, assignor to The Viscose Company, Marcus Hook, Pa. Spinning box. 1,914,273; June 13.
- Meuse, Mark A., Yarmouth County, Nova Scotia, Canada. Knob controlled combination lock. 1,933,443; Oct. 31.
- Meusy, Eugene E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 1,901,979; Mar. 21.
- Meutsch, Adolf, assignor to Gewerkschaft Wallram, Essen, Germany. Making and hardening steel tools provided with hard metal members. 1,902,513; Mar. 21.
- Meutsch, Adolf, assignor to Gewerkschaft Wallram, Essen, Germany. Coal-cutting chisel with hard metal cutting edge. 1,908,161; May 9.
- Meutsch, Charles C., Buffalo, N. Y. Device for spraying upholstery. 1,898,738; Feb. 21.
- Meutsch, Charles C., Buffalo, N. Y. Spring suspension for chairs. 1,917,313; July 11.
- Meutsch, Charles C., Buffalo, N. Y. Cushion. 1,933,816; Nov. 7.
- Meves, Robert H., Berlin-Fridenau, Germany. Letter file. 1,905,418; Apr. 25.
- Mexican American Hat Company. (See Ostolaza, Frank, assignor.)
- Mey, Karl, Charlottenburg, Germany, assignor to General Electric Company. Stem making machine. 1,898,784; Feb. 21.
- Meyer, Adolf, Kusknacht, near Zurich, assignor to Aktien-gesellschaft Brown, Boveri & Cie., Baden, Switzerland. Steam turbine. 1,895,003; Jan. 24.
- Meyer, Adolf, Kusknacht, near Zurich, assignor to Aktien-gesellschaft Brown, Boveri & Cie., Baden, Switzerland. Refrigerating apparatus. 1,928,386; Sept. 26.
- Meyer, Adolph J., Lebanon, Pa. Nut lock. 1,913,453; June 13.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,899,206; Feb. 28.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,903,531; Apr. 11.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,903,532; Apr. 11.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,911,917; May 30.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 1,912,649; June 6.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,915,373; June 27.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,919,476; July 25.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Clutch. 1,919,523; July 25.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,929,206; Oct. 3.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,929,207; Oct. 3.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine and operating same. 1,929,208; Oct. 3.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,936,639; Nov. 28.
- Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,937,092; Nov. 28.
- Meyer, Arthur, Hamburg, Germany. Automatic flat-bottom unloading device. 1,897,175; Feb. 14.
- Meyer, Arthur, Altona-Bahrenfeld, Germany. Device for displacing from the axis to the pipe wall the highest speed in tubes being flowed through. 1,937,977; Dec. 5.
- Meyer, Arthur E., assignor to Chappel Brothers, Inc., Rockford, Ill. Preparation of chondroitin compounds. 1,929,786; Oct. 10.
- Meyer, August, Berlin-Schöneberg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Eddy current track braking apparatus. 1,918,859; July 18.
- Meyer, August, Berlin, Schöneberg, assignor to Gesellschaft für Oberbauforschung und Rangiertechnik m. b. H., Berlin, Germany. Eddy current car retarder. 1,920,760; Aug. 1.
- Meyer, August H. (See Cole, Harry H., assignor.)
- Meyer, Carl, Hamburg, assignor to Siemens-Schuckert-Werke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Protective arrangement for electric installations. 1,909,065; May 16.
- Meyer, Daniel H., Wilmington, assignor to American Manganese Steel Company, Chicago, Ill. Dipper. 1,903,123; Mar. 28.

- Meyer-Delius, Heinrich, Heidelberg-Schlierbach, Germany, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Frequency changing system. 1,913,338; June 6.
- Meyer, Edna L. (See Perry, Ira D., assignor.)
- Meyer, Edward, Milwaukee, Wis. Clothes folder. 1,938,921; Dec. 12.
- Meyer, Edward B., Newburgh, N. Y. Snowplow. 1,914,610; June 20.
- Meyer, Edward B., Newburgh, N. Y. Snowplow. 1,918,771; July 18.
- Meyer, Edward B., Cleveland, Ohio. Track clearing implement. 1,920,475; Aug. 1.
- Meyer, Edward B., Cleveland Heights, Ohio. Track clearing implement. 1,925,397; Sept. 5.
- Meyer, Egon. (See Schmidt, O., and Meyer.)
- Meyer, Egon. (See Schmidt, O., Schnell, and Meyer.)
- Meyer Ejnar A., Epsom, England, assignor to Standard Brands Incorporated, Dover, Del. Manufacture of yeast. 1,938,081; Dec. 5.
- Meyer, Ernest, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for molding belts. 1,899,393; Feb. 28.
- Meyer, Ernest, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making a belt. 1,906,397; May 2.
- Meyer, Frank A., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser. 1,894,279; Jan. 17.
- Meyer, Frank H., Warren, assignor to The American Welding & Manufacturing Co., Trumbull, Ohio. Bending apparatus. 1,901,762; Mar. 14.
- Meyer, Frank L., Peoria, Ill. Air conditioning apparatus. 1,933,635; Nov. 7.
- Meyer, Frank L., W. J. Boesch, and F. E. Mehrings, Peoria, Ill. Furnace. 1,933,634; Nov. 7.
- Meyer, Frank W., assignor, by mesne assignments, to Oshkosh Trunks, Inc., Oshkosh, Wis. Drawer locking mechanism for trunks. 1,920,654; Aug. 1.
- Meyer, Franz. (See Henkel, W., and Meyer.)
- Meyer, Frederick S., Minneapolis, Minn. Dental oven. 1,926,344; Sept. 12.
- Meyer, Frederick S., Minneapolis, Minn. Dental casting machine. 1,927,371; Sept. 19.
- Meyer, Friedrich, and H. J. Spanner, Berlin, Germany, and E. Germer, Stockholm, Sweden, assignors, by mesne assignments, to Electrons, Inc. Electrode gas removal method and apparatus. 1,910,557; May 23.
- Meyer, Friedrich, and H. J. Spanner, Berlin Halensee, Germany, assignors to Electrons, Inc. Electron emissive device. 1,925,701; Sept. 5.
- Meyer, Friedrich, and H. J. Spanner, Berlin, Halensee, Germany, assignors to Electrons, Inc. Gas filled discharge device. 1,928,202; Sept. 26.
- Meyer, Friedrich, and H. J. Spanner, Berlin, Halensee, Germany, assignors to Electrons, Inc. Current rectifying apparatus. 1,928,203; Sept. 26.
- Meyer, Friedrich W., Vienna, Austria. Chain guiding device for portable motor tree saws. 1,903,571; Apr. 11.
- Meyer, Friedrich W., assignor to Ural-Maschinen-Vertriebsgesellschaft m. b. H., Vienna, Austria. Motor for tree saws. 1,894,883; Jan. 17.
- Meyer, George J., Milwaukee, Wis. Strip metal processing. 1,898,739; Feb. 21.
- Meyer, George J., assignor to Geo. J. Meyer Manufacturing Company, Milwaukee, Wis. Washing apparatus. 1,902,253; Mar. 21.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Filler valve for counter-pressure filling machines. 1,915,066; June 20.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Bottle capping machine. 1,915,067; June 20.
- Meyer, George J., Cudahy, Wis. Oil feed mechanism. 1,899,973; Mar. 7.
- Meyer, George J., Milwaukee, Wis., and G. J. Patitz, Peekskill, N. Y., assignors to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Automatic box loader. 1,896,639; Feb. 7.
- Meyer, Geo. J., Manufacturing Company. (See Meyer, George J., assignor.)
- Meyer, George J., Manufacturing Company. (See Meyer, G. J., and Patitz, assignors.)
- Meyer, Geo. J., Manufacturing Company. (See Meyer, G. L. N., and Dreher, assignors.)
- Meyer, George L. N., Weehawken, N. J., and O. Dreher, assignors to Geo. J. Meyer Manufacturing Company, Milwaukee, Wis. Prerinsing device. 1,910,958; May 23.
- Meyer, George W. (See McAfee, Ernest, assignor.)
- Meyer, Gerhard, assignor to F. C. Muren, Los Angeles, Calif. Pump valve. 1,939,128; Dec. 12.
- Meyer, Gustave F., Green Island, N. Y. Lock. 1,941,150; Dec. 26.
- Meyer, Hans, Duisburg-Hamborn, Germany. Producing a steel having a lesser tendency to blue fracture and brittleness due to ageing. 1,941,101; Dec. 26.
- Meyer, Harry. (See Pfannenstiel, Hugo, and Meyer.)
- Meyer, Henry A., and L. J. Bloch, assignors of one-half to The Wolf Machine Company, Cincinnati, Ohio, and one-half to Eastman Machine Company, Buffalo, N. Y. Rotary cloth cutting and severing machine. 1,919,899; July 25.
- Meyer, Henry C., St. Louis County, Mo. Tying machine. 1,909,300; May 16.
- Meyer, Henry C., Little Neck, N. Y., and H. Lundgren, Ridgewood, N. J. Holder for recipe books and the like. 1,930,347; Oct. 10.
- Meyer, Howard M., and R. R. Scheidler, Indianapolis, assignors to Automatic Safety Signal Gate Company, Columbus, Ind. Crossing gate operating means. 1,938,192; Dec. 5.
- Meyer, J. Frank. (See Kirk, Claude R., assignor.)
- Meyer-Jagenberg, Günther, Düsseldorf, Germany. Method and apparatus for forming closures for paper containers. 1,933,180; Oct. 31.
- Meyer, Job L. G., Seattle, Wash. Sectional carrier for conveyers. 1,930,621; Oct. 17.
- Meyer, John B., assignor to The Adams Company, Dubuque, Iowa. Stove pipe damper. 1,937,708; Dec. 5.
- Meyer, John F. (See Gast, George A., assignor.)
- Meyer, John F., Chicago, Ill. Vending machine casing. Des. 90,410; Aug. 1.
- Meyer, John F., Chicago, Ill. Amusement machine. 1,902,040; Mar. 21.
- Meyer, John F., Chicago, Ill. Amusement machine. 1,927,876; Sept. 26.
- Meyer, John F., Pasadena, Calif. Amusement machine. 1,917,385; July 11.
- Meyer, John F., Pasadena, Calif. Amusement machine. 1,917,386; July 11.
- Meyer, John F., Pasadena, Calif. Amusement machine. 1,927,877; Sept. 26.
- Meyer, John F., Pasadena, Calif. Amusement machine. 1,934,728; Nov. 14.
- Meyer, Joseph, and C. Fleischer, Brooklyn, N. Y. Semi-automatic photographic cabinet. 1,929,508; Oct. 10.
- Meyer, Joseph A., Dayton, Ohio. Fire kindler. 1,931,616; Oct. 24.
- Meyer, Joseph F., Orange, N. J. Knitting machine. 1,904,501; Apr. 18.
- Meyer, Joseph H., Brothers. (See Mattin, Harry E., assignor.)
- Meyer, Josephine, Seattle, Wash. Sanitary pad holder. 1,912,783; June 6.
- Meyer Mineral Separation Company. (See Meyer, Ralph F., assignor.)
- Meyer, Otto, assignor to Firm: Armaturen- und Maschinenfabrik Akt. Ges., vorm. J. A. Hilpert, Nuremberg, Germany. Pressure fluid control valve. 1,917,455; July 11.
- Meyer, Paul H. (See Wynne, R. J., and Meyer.)
- Meyer, Paul H., assignor to Solar-Sturges Mfg. Co., Bellewood, Ill. Receptacle. 1,895,291; Jan. 24.
- Meyer, Philip, assignor to Otto Bernz Co. Inc., Newark, N. J. Plumber's torch. 1,896,782; Feb. 7.
- Meyer, Pierre H., New York, N. Y. Counter construction. 1,896,524; Feb. 7.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Preparing ore. 1,898,018; Feb. 21.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Ore beneficiation. 1,908,994; May 16.
- Meyer, Ralph F., Freeport, assignor to Meyer Mineral Separation Company, Pittsburgh, Pa. Dry chloridizing of ores. 1,937,661; Dec. 5.
- Meyer, Ralph J., Denver, Colo. Internal combustion rotary engine. 1,909,880; May 16.
- Meyer, Ralph J., Denver, Colo. Mining cartridge. 1,915,687; June 27.
- Meyer, Ralph J., Denver, Colo. Weed exterminator. 1,934,080; Nov. 7.
- Meyer, Raymond B. (See Gebhard, Louis A.)
- Meyer, Raymond B. (See Gebhard, L. A., and Meyer.)
- Meyer, Raymond B., Washington, D. C. Antenna system. 1,911,234; May 30.
- Meyer, Richard, and J. Schäfer, assignors to J. R. Gelgy, S. A., Basel, Switzerland. Removing iron from solutions of chromium salts. 1,909,865; May 16.
- Meyer, Richard T., assignor to The Pure Oil Company, Chicago, Ill. Gasoline dispensing pump. 1,938,922; Dec. 12.
- Meyer, Richard T., assignor to The Pure Oil Company, Chicago, Ill. Gasoline dispensing pump. 1,938,923; Dec. 12.
- Meyer, Robert, Mulheim-on-the-Ruhr, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. High speed piston compressor. 1,935,856; Nov. 21.
- Meyer, Simon. (See Martin, T. C., and Meyer.)
- Meyer, Stephen E., Hayden, Ariz. Piston construction. 1,898,845; Feb. 21.
- Meyer, Victor, Brooklyn, N. Y. Horse boot. 1,899,471; Feb. 28.
- Meyer, Walter W., Rhineland, assignor of one-fourth to E. A. Gilmore, Crandon, Wis. Agricultural machine. 1,930,015; Oct. 10.
- Meyer, William H., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway motor truck structure. 1,920,997; Aug. 8.
- Meyer, William R. (See Goodheim, A., and Meyer.)
- Meyercord Co., The. (See Meyercord, George R., assignor.)
- Meyercord Company, The. (See Mitchell, J. S., and Rathke, assignors.)
- Meyercord, George R., Chicago, Ill., assignor to The Meyercord Co. Nonreusable decalcomania. 1,898,993; Feb. 21.

- Meyercord, George R., Chicago, and O. H. Basquin, Evanston, Ill., and C. B. Norris, Grand Rapids, Mich., assignors to Haskellite Manufacturing Corporation. Power press. 1,907,083; May 2.
- Meyercord, George R., and W. Waterman, Chicago, Ill., said Waterman assignor to said Meyercord. Means for conveying and cleaning cotton in a harvesting machine. 1,920,418; Aug. 1.
- Meyer-Gaus, Karl, Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Thread guide. 1,902,458; Mar. 21.
- Meyer-Gaus, Karl, and A. Saure, Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Automatic stop-motion for bobbin winding machines. 1,895,244; Jan. 24.
- Meyerhans, August, Baden, Switzerland. High voltage transformer. 1,914,751; June 20.
- Meyering, Edwin F., Irondequoit, assignor to High Speed Hammer Company, Inc., Rochester, N. Y. Riveting machine. 1,927,096; Sept. 19.
- Meyering, Edwin F., Irondequoit, assignor to High Speed Hammer Company, Inc., Rochester, N. Y. Helve hammer. 1,927,097; Sept. 19.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Receptacle glued up from a paper blank and manufacturing process of the same. 1,915,026; June 20.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Moistureproof paper container with closure. 1,915,027; June 20.
- Meyer-Jagenberg, Günther, Dusseldorf, Germany. Electric cigarette turning process and apparatus. 1,915,028; June 20.
- Meyers, Alfred M., Merriam, Kans. Tank roof. 1,928,905; Oct. 3.
- Meyers, Charles W., Cleveland Heights, and W. F. Munford, Cleveland, Ohio. Ingot mold. 1,933,530; Oct. 31.
- Meyers, Donald L. (See Demkier, L. A., and Meyers.)
- Meyers, Edward G., Maplewood, N. J., assignor to M. C. D. Borden & Sons, Inc., New York, N. Y. Textile fabric. Des. 90,332; July 18.
- Meyers, Edward G., Maplewood, N. J., assignor to M. C. D. Borden & Sons, Inc., New York, N. Y. Textile fabric. Des. 90,333; July 18.
- Meyers, Edward G., Maplewood, N. J., assignor to M. C. D. Borden & Sons, Inc., New York, N. Y. Textile fabric. Des. 90,626; Sept. 5.
- Meyers, Joseph M., Pittsburgh, Pa., assignor to Remington Rand Inc., Buffalo, N. Y. Index card. 1,936,558; Nov. 21.
- Meynell, Henry, Accrington, England. Drafting and like roller employed in yarn-preparing and spinning frames. 1,897,137; Feb. 14.
- Meyrowitz, E. B., Inc. (See Meyrowitz, Emil B., assignor.)
- Meyrowitz, E. B., Inc. (See Meyrowitz, E. B., and Wagner, assignors.)
- Meyrowitz, Emil B., New York, N. Y., assignor to E. B. Meyrowitz, Inc. Goggles. 1,916,628; July 4.
- Meyrowitz, Emil B., New York, N. Y., and J. L. Wagner, Union City, N. J., assignors to E. B. Meyrowitz, Inc. Goggles. 1,938,924; Dec. 12.
- Meyersburg, Frederick W., Oak Park, Ill. Air cooling apparatus. 1,934,551; Nov. 7.
- Mez, Gustav, Dahlem, near Berlin, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Germany. Typewriting and calculating machine. 1,913,892; June 13.
- Mez, Gustav, Dahlem, near Berlin, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Zella-Mehlis, Thuringia, Germany. Multiplication device. 1,922,971; Aug. 15.
- Mezger, Jacques, St. Gall, assignor to Firm Gebrüder Buhler, Uzwil, Switzerland. Roller mill. 1,894,569; Jan. 17.
- Mezzapesa, Stephen, Brooklyn, N. Y. Soda water fountain. 1,898,560; Feb. 21.
- M'Gillycuddy, George S., Rapid City, S. Dak. Means whereby a slidably mounted body may be floated by fluid pressure. 1,912,292; May 30.
- Miadowicz, Frank, deceased, Herman A. August, special administrator, assignor to James Morrow, Detroit, Mich. Supporting bracket. 1,918,120; July 11.
- "Miaz" Mühlenbau und Industrie Aktiengesellschaft. (See Bergen, G., Engelhardt and Steckhan, assignors.)
- "Miaz" Mühlenbau und Industrie Aktiengesellschaft. (See Roth, Hugo, assignor.)
- Miami Manufacturing Company. (See Crume, Marshall E., assignor.)
- Miano, Joseph E., Larchmont, N. Y. Loading device for revolvers. 1,929,440; Oct. 10.
- Mica Insulator Company. (See Coffey, Joseph M., assignor.)
- Michael, Alfred. (See Hofmann, F., and Michael.)
- Michael, Erwin. (See Hansel, G., and Michael.)
- Michael, Hugo, Göttingen, Germany. Hair clipper. 1,899,102; Feb. 28.
- Michael, Siegfried. (See Schoeller, W., Schwenk, Goebel, and Michael.)
- Michael, Wilhelm. (See Pier, M., Winkler, and Michael.)
- Michaels Art Bronze Company, The. (See Dolezal, John J., assignor.)
- Michaels, Ernest E., Birmingham, Ala., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Elevated tank. Des. 89,910; May 16.
- Michaels, Frank H., Dishman, Wash. Meat cutter. 1,903,789; Apr. 18.
- Michaels, Frank L., Fort Thomas, Ky. Grave marker. Des. 89,445; Mar. 14.
- Michaels, Frank L., Fort Thomas, Ky. Grave marker. Des. 89,446; Mar. 14.
- Michaels, Frank L., Covington, Ky. Store front coupling. 1,893,956; Jan. 10.
- Michaels, John E., Burlington, Wyo. Carburetor attachment. 1,926,627; Sept. 12.
- Michaels, Lawrence, Covington, Ky. Window and store sash. 1,924,694; Aug. 29.
- Michaelsen, Leonard C., Dow City, Iowa. Aeroplane. 1,918,656; July 18.
- Michalek, John C., Niagara Falls, assignor to The Mathieson Alkali Works, New York, N. Y. Separation of iron and chromium chlorides. 1,924,129; Aug. 29.
- Michalk, Otto, Freital-Dresden, Germany. Heating device for shoe sticking presses. 1,910,474; May 23.
- Michalk, Otto, Freital, near Dresden, Germany. Twin sole-laying press. 1,939,510; Dec. 12.
- Michalk, Otto, Dresden, Germany. Sole sticking press. 1,932,323; Oct. 24.
- Michalske, Arthur. (See Allen, A. S., and Michalske.)
- Michalski, Walter, Brooklyn, N. Y. Automobile ignition lock mechanism. 1,914,274; June 13.
- Micharich, Michael, Bridgeport, Conn. Automobile direction signal. 1,910,257; May 23.
- Michaud, John C., West Springfield, Mass. Clothes drier reel. 1,893,096; Jan. 3.
- Michaud, Onesime E., assignor of one-half to W. W. Simms, St. Louis, Mo. Auxiliary air inlet device for internal combustion engines. 1,938,968; Dec. 12.
- Michel, Clarence A. (See F Paige, R. N., Lewellen, and Michel.)
- Michel, Clarence A., Lakewood, Ohio, assignor to Guide Lamp Corporation, Anderson, Ind. Lens assembly. 1,928,112; Sept. 26.
- Michel, Clarence A., Anderson, Ind., and H. Schwarze, Birmingham, Mich., assignors to Guide Lamp Corporation, Anderson, Ind. Fender lamp. 1,927,319; Sept. 19.
- Michel, Frederick, New York, assignor to International Projector Corporation, New York, N. Y. Film magazine. 1,933,562; Nov. 7.
- Michel, Max, Hamburg, Germany. Pressing box filter protection. 1,930,903; Oct. 17.
- Michel, Richard, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of condensation products from carbaze compounds and olefines. 1,916,629; July 4.
- Micheler, Wilhelm J., Waukegan, Ill. Cabinet desk. 1,905,396; Apr. 25.
- Michelin, André J., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Applying rubber to metal and other hard materials. 1,904,502; Apr. 18.
- Michelin, André J., Paris, assignor to Michelin et Cie, Clermont-Ferrand, France. Wheel for motor vehicles and the like. 1,928,068; Sept. 26.
- Michelin et Cie. (See Bourdon, Pierre M., assignor.)
- Michelin et Cie. (See Michelin, André J., assignor.)
- Michell-Crankless Engines Corporation. (See Farwell, Raymond H., assignor.)
- Michell-Crankless Engines Corporation. (See Sherman, Thomas L., assignor.)
- Michelon et Cie. (See Michelin, André J., assignor.)
- Michelsen, William O., Woodhaven, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,893,097; Jan. 3.
- Michellsen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Overload protection means for piezo-electric crystals. 1,920,655; Aug. 1.
- Michigan Malleable Iron Co. (See Waterbor, Elmer F., assignor.)
- Michigan Steel Corporation. (See Steele, John H., assignor.)
- Michigan Steel Tube Products Company. (See Berg, Richard O., assignor.)
- Michigan Tool Company. (See Drader, Joseph C., assignor.)
- Michigan Tool Company. (See Svebelius, Henry M., assignor.)
- Michigan Wire Goods Company. (See Smith, Benjamin H., assignor.)
- Michigan Wire Goods Company. (See Stassart, Joseph, assignor.)
- Michlik, Stephen, Brooklyn, and C. L. O'Reilly, New York, N. Y., assignors to Sanitary Automatic Candy Corporation. Vending machine sign illuminating mechanism. 1,903,008; Mar. 28.
- Mickelsen, Canute H., Tetonia, and J. T. Evans, Boise, Idaho. Restraining device. 1,933,482; Oct. 31.
- Mickelson, Alfred O., Oak Park, Ill., assignor, by mesne assignments, of one-half to Asphalt Process Corporation, New York, N. Y. Multiply fibrous structure. 1,917,456; July 11.
- Mickey, Bruce D., and L. D. Jones, Schenectady, N. Y., assignors to General Electric Company. Parallel operation of direct current generators. 1,911,029; May 23.
- Mickle, Frank A. (See Barrows, A. C., and Mickle.)
- Mickler, Raymond Y., Jacksonville, Fla., assignor to city of Jacksonville, Fla. Locking attachment. 1,920,128; July 25.
- Micro Corporation, The. (See Criner, Harry J., assignor.)

- Micro Corporation, The. (See Criner, Harry J. and H. E., assignors.)
- Micro Corporation, The. (See Kottman, Arthur A., assignor.)
- Micro Corporation, The. (See Rohwedder, Otto F., assignor.)
- Micro Corporation, The. (See Rohwedder, O. F., and Elliott, assignors.)
- Micro Corporation, The. (See Yerck, H. H., and Kottman, assignors.)
- Micromatic Hone Corporation. (See Calvert, Glen M., assignor.)
- Micromatic Hone Corporation. (See Conner, Kike W., assignor.)
- Micromatic Hone Corporation. (See Jeschke, Frank J., assignor.)
- Micromatic Hone Corporation. (See Kern, Fred M., assignor.)
- Micromatic Hone Corporation. (See Kowalski, Joseph B., assignor.)
- Midboe, Gabriel, assignor to General Aviation Corporation, Dundalk, Md. Beach landing gear. 1,897,269; Feb. 14.
- Midboe, Gabriel, Brooklyn, N. Y., assignor to General Aviation Corporation, Dundalk, Md. Retractable landing gear. 1,931,137; Oct. 17.
- Midboe, Gabriel, Brooklyn, N. Y., assignor to General Aviation Manufacturing Corporation, Dundalk, Md. Retractable landing gear. 1,934,992; Nov. 14.
- Mid-Continent Petroleum Corporation. (See Bennett, H. T., and Story, assignors.)
- Middelboe, Kristian, Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Packing machine for pulverulent material. 1,903,188; Mar. 28.
- Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Grinding mill. 1,937,030; Nov. 28.
- Middleditch, L., Company. (See Middleditch, Lyman, assignor.)
- Middleditch, Lyman, New York, N. Y. Calendar. 1,927,131; Sept. 19.
- Middleditch, Lyman, assignor to L. Middleditch Company, New York, N. Y. Loose leaf assembly. 1,901,980; Mar. 21.
- Middlemiss, Austin O., Portland, Oreg. Cream skimmer. 1,900,993; Mar. 14.
- Middleton, Brian M., Bedford, assignor of one-half to W. G. Armstrong Whitworth & Company, (Engineers) Limited, Newcastle-upon-Tyne, England. Cotton gin. 1,923,838; Aug. 22.
- Middleton, Charles J., Brockton, and A. G. Beal, assignors to The Foxboro Company, Foxboro, Mass. Measuring instrument. 1,906,705; May 2.
- Middleton, Charles O. (See Gary, Wright W., assignor.)
- Middleton, Claude R., Detroit, Mich. Filed envelope. 1,922,213; Oct. 15.
- Middleton, Harry C., jr., Philadelphia, Pa. Awning fixture. 1,930,940; Oct. 17.
- Middleton, Leslie H., assignor to Schwarze Electric Company, Adrian, Mich. Defroster. 1,917,141; July 4.
- Middleton, Leslie H., assignor to Schwarze Electric Company, Adrian, Mich. Horn mounting. 1,936,850; Nov. 28.
- Middleton, Richard O., Palm Beach, Fla. Self-contained charcoal heater. 1,898,846; Feb. 21.
- Midgley, Arthur M. (See Sunderland, S., and Mideley.)
- Midgley, Thomas, jr., Worthington, assignor to Frigidaire Corporation, Dayton, Ohio. Telltale means. 1,917,048; July 4.
- Midgley, Thomas, jr., Worthington, assignor to Frigidaire Corporation, Dayton, Ohio. Preventing fire by non-toxic substances. 1,926,395; Sept. 12.
- Midgley, Thomas, jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, assignors to Frigidaire Corporation, Dayton, Ohio. Preventing fire by non-toxic substances. 1,926,396; Sept. 12.
- Midgley, Thomas, jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, assignors to Frigidaire Corporation, Dayton, Ohio. Manufacture of aliphatic fluoro compounds. 1,930,129; Oct. 10.
- Midhat, Chakir, Berlin-Eichkamp, Germany. Loud speaker. 1,924,063; Aug. 22.
- Midland Company, The. (See Schwartz, F. G., and Nourse, assignors.)
- Midland Creosoting Company. (See Newton, Harold M., assignor.)
- Midland Steel Products Company. (See Crowe, James H., assignor.)
- Midland Steel Products Company, The. (See Gable, Charles E., assignor.)
- Midland Steel Products Company, The. (See Maddock, Robert H., assignor.)
- Midland Steel Products Company, The. (See Riemen-schneider, Ernest, assignor.)
- Midland Steel Products Company. (See Sneed, John, assignor.)
- Midland Steel Products Company, The, trustee. (See Sneed, John, assignor.)
- Midland Steel Products Company, The, as trustee. (See Stoner, Willis G., assignor.)
- Midnight, Wilbur G. (See Chadwick, L. S., Resek, and Midnight.)
- Midnight, Wilbur G., assignor to Perfection Stove Company, Cleveland, Ohio. Automatic control for absorption refrigerators. 1,929,282; Oct. 3.
- Mid-States Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
- Mid-States Steel & Wire Co. (See Dale, Clayton E., assignor.)
- Mid-West Chemical Company. (See Hessle, Eric T., assignor.)
- Midwest Engineering Corporation. (See Freeman, Walter R., assignor.)
- Mid-West Forging Company. (See Rogers, Earl B., assignor.)
- Midwest-Fulton Machine Company, The. (See Knoll, William V., assignor.)
- Midwest Manufacturing Company. (See Wittemeier, Hans, assignor.)
- Midworth, Cyril, assignor to Evershed & Vignoles, Limited, London, England. Installation for repeating indications of movement at a distance. 1,916,737; July 4.
- Mieg, Walter, Opladen, and R. M. Heidenreich, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing and printing textile fibers. 1,903,870; Apr. 18.
- Mieg, Walter, Opladen, and R. M. Heidenreich, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyeing and printing textile fibers. 1,903,871; Apr. 18.
- Mieg, Walter, Opladen, B. Stein, Elberfeld, and W. Trautner, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 1,932,594; Oct. 31.
- Mieg, Walter, Opladen, and R. M. Heidenreich, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water soluble derivatives of indigoid dyestuffs. 1,933,993; Nov. 7.
- Miehle Printing Press & Manufacturing Company, The. (See Dudley, Edward F., assignor.)
- Miehle Printing Press & Mfg. Company, The. (See Jacobson, Arthur G., assignor.)
- Miescher, Karl, and E. Urech, Basel, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. N-substituted derivatives of the pyridone series. 1,941,312; Dec. 26.
- Miesner, Henry. (See Metz, C. F., and Miesner.)
- Miesse, Richard E., assignor, by mesne assignments, to General Scientific Corporation, Chicago, Ill. Electrode. 1,936,334; Nov. 21.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,912,203; May 30.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,915,858; June 27.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,920,028; Oct. 3.
- Miessner, Benjamin F., Millburn, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,929,027; Oct. 3.
- Miessner, Benjamin F., Millburn, N. J., assignor to Miessner Inventions Inc. Apparatus for the production of music. 1,929,029; Oct. 3.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 1,929,030; Oct. 3.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Apparatus for the production of music. 1,929,031; Oct. 3.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,933,295; Oct. 31.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,933,297; Oct. 31.
- Miessner, Benjamin F., Millburn Township, Essex County, N. J., assignor to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,933,298; Oct. 31.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical supply system. 1,912,991; June 6.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Discharge tube cathode energizing. 1,917,728; July 11.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical filter system. 1,927,689; Sept. 19.
- Miessner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifier energizing. 1,940,723; Dec. 26.
- Miessner, Benjamin F., Millburn Township, Essex County, and C. T. Jacobs, Chatham Borough, N. J., assignors to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,915,859; June 27.

- Miessner, Benjamin F., Millburn Township, Essex County, and C. T. Jacobs, New Providence Township, Union County, N. J., assignors to Miessner Inventions, Inc. Method and apparatus for the production of music. 1,915,860; June 27.
- Miessner, Benjamin F., Millburn Township, Essex County, and C. T. Jacobs, New Providence Township, Union County, N. J., assignors to Miessner Inventions, Inc. Apparatus for the production of music. 1,929,032; Oct. 3.
- Miessner Inventions, Inc. (See Jacobs, Charles T., assignor.)
- Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
- Miessner Inventions, Inc. (See Miessner, B. F., and Jacobs, assignors.)
- Miessner Inventions, Inc. (See Vierling, Oskar, assignor.)
- Mietling, Hildegard. (See Grüss, H., Klumitz, Haase, Schultze, and Mietling.)
- Mietzsch, Fritz. (See Schulemann, W., Mietzsch, and Wiegler.)
- Mietzsch, Fritz and H. Klös, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Making 8-hydroxyquinoline compounds. 1,903,470; Apr. 11.
- Migliaccio, Christopher L. (See Everett, H. C., and Migliaccio.)
- Mignacco, Eugene A. (See Ripley, David W., assignor.)
- Migney, Marc A., assignor to Metal Arts Co., Inc., Rochester, N. Y. Perpetual calendar. Des. 89,285; Feb. 14.
- Migrdichian, Vartkes, Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Isobaric vacuum fumigation. 1,914,892; June 20.
- Migrdichian, Vartkes, Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Cyanide and method of controlling the porosity thereof. 1,921,299; Aug. 8.
- Miguët, Paul L. J., St.-Julien-de-Maurienne, France. Electrothermic reduction. 1,939,913; Dec. 19.
- Mihalek, Emery. (See Jennings, O. D., and Mihalek.)
- Mihalek, Emery. (See Szyper, C., and Mihalek.)
- Mihalek, Emery, assignor to O. D. Jennings & Company, Chicago, Ill. Vending machine. 1,923,945; Aug. 22.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Base type range finder. 1,905,485; Apr. 25.
- Mihalyi, Joseph, Rochester, and W. D. Teague, New York, assignors to Eastman Kodak Company, Rochester, N. Y. Camera casing. Des. 90,589; Aug. 29.
- Mihay, Louis, Chicago, Ill. Manufacture of couplings and the like. 1,908,162; May 9.
- Mikaelson, Erik W., assignor to Treadwell Engineering Company, Easton, Pa. Flying shear. 1,925,965; Sept. 5.
- Mikeska, Peter L., Schenectady, N. Y., assignor to General Electric Company. Oil burner furnace. Des. 90,042; May 30.
- Mikody, Charles H., Chicago, Ill. Smoke consumer. 1,909,207; May 16.
- Mikulasek, John. (See Bowden, W., Miller, and Mikulasek.)
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Water shedding device for washing machines and the like. 1,918,609; July 18.
- Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Magneto-fly-wheel. 1,932,797; Oct. 31.
- Milam, Oran A., assignor of one-third to D. Coakon, and one-third to R. E. Milam, Brownwood, Tex. Machine for hulling nuts and the like. 1,921,238; Aug. 8.
- Milam, Robert E., et al. (See Milam, Oran A., assignor.)
- Milani, Edward, San Francisco, Calif. Packing perishable products. 1,910,806; May 23.
- Milbrath, Arthur F., assignor to Wisconsin Motor Manufacturing Company, Milwaukee, Wis. Internal combustion engine. 1,910,558; May 23.
- Milburn, Berry, Columbia, Mo., assignor to Carman & Co., Inc., New York, N. Y. Stiffener for attached collars. 1,911,638; May 30.
- Milburn, Charles G., Upper Arlington, Ohio. Machine for placing plastic materials. 1,920,443; Aug. 1.
- Milburn, Lessiter C., Towson, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. Des. 90,627; Sept. 5.
- Milburn, Lessiter C., Towson, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 1,940,555; Dec. 19.
- Miles, Bernice V. (See Miles, Eugene P., assignor.)
- Miles, Eugene P., Hobart, assignor to B. V. Miles, Oklahoma City, Okla. Apparatus for regulating temperatures in buildings. 1,908,912; May 16.
- Miles, Fred E. (See MacDonald, E. C., and Miles.)
- Miles, George W. (See Dreyfus, C., and Miles.)
- Miles, George W., Boston, Mass., assignor to Celanese Corporation of America. Purification of cellulosic material. 1,911,030; May 23.
- Miles, George W., Boston, Mass., assignor to Celanese Corporation of America. Conversion of cellulose. 1,917,539; July 11.
- Miles, George W., Boston, Mass., assignor to Celanese Corporation of America. Dyestuff and making the same. 1,926,106; Sept. 12.
- Miles, Henry D., Buffalo, and D. B. Montgomery, Gardenville, assignors to Buffalo Foundry & Machine Co., Buffalo, N. Y. Vacuum drum drier. 1,933,819; Nov. 7.
- Miles, Horace H., San Francisco, Calif. Dispensing device for collapsible tubes. 1,924,195; Aug. 29.
- Miles, Lester H. (See Powell, Joseph F., assignor.)
- Milestone, Walter E., Lakewood, Ohio. Liquid dispensing apparatus. 1,893,843; Jan. 10.
- Millican, Earl E., assignor to A. O. Millican, Long Beach, Calif. Combination bit shank. 1,935,654; Nov. 21.
- Militello, Louis J., Wood River, Ill. Lock. 1,936,138; Nov. 21.
- Milk Bottle Crate Company. (See Stoddard, Robert, assignor.)
- Milkey, Lester E., assignor to The Cellulo Company, Sandusky, Ohio. Filter. 1,930,209; Oct. 10.
- Mill Engineering and Supply Company. (See Satterquist, John, assignor.)
- Mill Engineering and Supply Company. (See Winquist, Victor H., assignor.)
- Millan, Edward N., and P. C. Jones, assignors to The America Rolling Mill Company, Middletown, Ohio. Conveying mechanism for furnaces and the like. 1,924,452; Aug. 29.
- Millar, Charles W., Carnegie, Pa. Pumping system. 1,913,557; June 13.
- Millar, Francis H., Los Angeles, Calif. Reel for electric cord. 1,918,637; July 18.
- Millar, George A., Ridgefield Park, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method and apparatus for working fused silica. 1,897,487; Feb. 14.
- Millar, George A., Ridgefield Park, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Glass-working machinery. 1,897,488; Feb. 14.
- Millar, George A., Ridgefield Park, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Method of and apparatus for producing vitreous articles. 1,897,489; Feb. 14.
- Millar, George A., Ridgefield Park, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Apparatus for working fused silica. 1,897,640; Feb. 14.
- Millar, Harold H., Flushing, N. Y., and R. Lash, Cranford, N. J., assignors to Electrical Testing Laboratories, New York, N. Y. Filament spot tester. 1,932,633; Oct. 31.
- Millar, John F., and A. N. Hornung, assignors to City Refrigerator Company, Los Angeles, Calif. Refrigerator doorlatch. 1,910,029; May 23.
- Millar, Russell W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of acetylene. 1,896,552; Feb. 7.
- Millar, William J., London, England, assignor to Ajax Electric Company, Inc., Philadelphia, Pa. Tunnel or enameling pottery kiln. 1,934,870; Nov. 14.
- Millar, William S. (See Levy, S. I., and Millar.)
- Millard, Gerhardt A., Chicago, Ill. Motor vehicle. 1,932,798; Oct. 31.
- Millie, Edwin, Fort Smith, Ark. Loading ramp for vehicles. 1,898,679; Feb. 21.
- Millen, James, Malden, Mass. Dial device. 1,910,624; May 23.
- Millen, James, Malden, Mass. Ultra-violet ray transmitting fabric. 1,910,850; May 23.
- Miller, Alvin L., and R. H. Miller, Detroit, Mich. Brake adjusting tool. 1,898,136; Feb. 21.
- Miller, Alvin L., and R. H. Miller, Detroit, Mich. Connecting rod gauge. 1,910,174; May 23.
- Miller, Annie G., executrix. (See Miller, Lee H.)
- Miller, Arthur E. (See Ball, C. F., and Miller.)
- Miller, Arthur E. (See Johnson, Charles H., assignor.)
- Miller, Arthur E., assignor to Chain Belt Company, Milwaukee, Wis. Vehicle body for transporting mixed concrete. 1,920,149; July 25.
- Miller, Arthur F., Bartlett, Ill. Quack grass digger. 1,893,867; Jan. 10.
- Miller, Arthur F., Jackson, Mich., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Method of and apparatus for multiple stage grinding. 1,902,413; Mar. 21.
- Miller, Benjamin H., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Chain grate stoker. 1,904,503; Apr. 18.
- Miller, Benjamin R., New York, N. Y. Hair removing apparatus. 1,906,802; May 2.
- Miller, Berton, assignor of fifty per cent to H. L. Doney, Bloomfield, Ind. Automobile safety control. 1,912,949; June 6.
- Miller, Bryan M., Washington, D. C. Oxy-acetylene burner. 1,899,626; Feb. 28.
- Miller, Carl, assignor to Kellogg Switchboard & Supply Co., Chicago, Ill. Rectifier. 1,899,045; Feb. 28.
- Miller, Carl, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Tuning apparatus. 1,914,446; June 20.
- Miller, Carlton E., Palo Alto, Calif. Cement bag. 1,940,221; Dec. 19.
- Miller, Charles, Esq. (See Lapidus, Morris, assignor.)
- Miller, Charles, New York, N. Y. Shoe. Des. 89,052; Jan. 17.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,199; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,200; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,201; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,202; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,203; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,204; June 27.

- Miller, Charles, New York, N. Y. Shoe. Des. 90,205; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,206; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,207; June 27.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,258; July 4.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,371; July 25.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,372; July 25.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,373; July 25.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,411; Aug. 1.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,412; Aug. 1.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,446; Aug. 8.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,447; Aug. 8.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,496; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,497; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,498; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,499; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,500; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,501; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,502; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,503; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,504; Aug. 15.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,535; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,536; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,537; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,538; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,539; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,540; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,541; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,542; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,543; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,544; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,545; Aug. 22.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,628; Sept. 5.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,629; Sept. 5.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,674; Sept. 12.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,725; Sept. 19.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,726; Sept. 19.
- Miller, Charles, New York, N. Y. Shoe. Des. 90,828; Oct. 3.
- Miller, Charles, Long Island City, N. Y. Shoe. 1,900,515; Mar. 7.
- Miller, Charles, Long Island City, N. Y. Fastener for hand-bags. 1,905,117; Apr. 25.
- Miller, Charles, Long Island City, N. Y. Insole. 1,926,683; Sept. 12.
- Miller, Charles, Long Island City, and M. Lieberman, Bronx, N. Y. Ornamental heel. 1,922,058; Aug. 15.
- Miller, Charles A., Weatherly, Pa. Rail and flange lubricator. 1,936,481; Nov. 21.
- Miller, Charles A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Time-lock mechanism. 1,929,704; Oct. 10.
- Miller, Charles E., Anderson, Ind. Wind motor. 1,909,208; May 16.
- Miller, Charles E., Pittsburgh, Pa., assignor to Hubbard and Company, Insulator support. 1,911,031; May 23.
- Miller, Charles F., Miami, Fla. Combined awning and shutter. 1,902,879; Mar. 28.
- Miller, Charles F., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry assorting device. 1,892,774; Jan. 3.
- Miller, Charles F., and S. W. Brundage, Miami, Fla. Convertible awning and shutter. 1,895,723; Jan. 31.
- Miller, Charles F., and S. W. Brundage, Miami, Fla. Combined awning and shutter. 1,939,310; Dec. 12.
- Miller, Charles F., and J. C. Kuckhoff, assignors to The Syracuse Stamping Company, Inc., Syracuse, N. Y. Carpenter's clamp. 1,930,177; Oct. 10.
- Miller, Charles J., Minneapolis, Minn. Table. 1,898,807; Feb. 21.
- Miller, Charles R., assignor to Eli Lilly and Company, Indianapolis, Ind. Closure for collapsible tubes. 1,909,209; May 16.
- Miller, Charles R., assignor to Eli Lilly and Company, Indianapolis, Ind. Liquid-container closer with liquid dispenser. 1,941,441; Dec. 26.
- Miller, Charles Z., Fort Scott, Kans. Sled. 1,903,930; Apr. 18.
- Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Push button switch construction. 1,923,450; Aug. 22.
- Miller, Clarence E., assignor to The Champion Fibre Company, Canton, N. C. Dehydrating caustic alkali solutions. 1,899,627; Feb. 28.
- Miller, Clarence R., St. Clair Shores, assignor to Chrysler Corporation, Detroit, Mich. Gear shift lever. 1,927,646; Sept. 19.
- Miller, Clarence W., Detroit, and G. C. Goode, Birmingham, assignors to Chrysler Corporation, Detroit, Mich. Vehicle chassis spring structure. 1,913,939; June 13.
- Miller, Clarke C., Wood River, assignor to Standard Oil Company, Chicago, Ill. Stabilization of naphtha. 1,924,196; Aug. 29.
- Miller, Claude N., assignor of one-third to W. Miller, Higley, Ariz. Convertible desk. 1,925,771; Sept. 5.
- Miller, Claus E., Los Angeles, Calif. Fruit picker's carriage. 1,921,631; Aug. 8.
- Miller Company, The. (See Doane, Leroy C., assignor.)
- Miller Company, The. (See Naysmith, Shirley E., assignor.)
- Miller, D. D. (See Stewart, Jay V., assignor.)
- Miller, Dale O., Detroit, Mich. Traffic signal. 1,900,723; Mar. 7.
- Miller, David, Brooklyn, N. Y. Collapsible basket. 1,906,173; Apr. 25.
- Miller, David, Brooklyn, N. Y. Collapsible basket. 1,906,174; Apr. 25.
- Miller Devices Inc. (See Miller, Philip M., assignor.)
- Miller, Donald W. (See Parks, P. B., and Miller.)
- Miller, Dorr. (See Cook, E. J., Floraday, and Miller.)
- Miller, Dorr, Detroit, Mich., assignor to The Dura Company, Toledo, Ohio. Doorlatch. 1,909,210; May 16.
- Miller, Dorr, Detroit, Mich., assignor to Dura Company, Toledo, Ohio. Latch for refrigerator doors. 1,937,978; Dec. 5.
- Miller, E. H. (See Shively, Everett E., assignor.)
- Miller, Earl J. (See Dougherty, R. S. A., and Miller.)
- Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind. Geneva movement device. 1,932,141; Oct. 24.
- Miller, Edward M. (See Nirdlinger, Patrick A. and C. D., and Miller.)
- Miller, Edward M., assignor to The J. B. Miller Keyless Lock Co., Kent, Ohio. Keyless lock. 1,929,598; Oct. 10.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Truing means for formed gear grinding wheels. 1,900,943; Mar. 14.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for forming internal clutch elements. 1,927,098; Sept. 19.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Worm wheel hobbing machine. 1,927,946; Sept. 26.
- Miller, Edwin J., Anderson, Ind. Mop using removable sponge or the like. 1,910,928; May 23.
- Miller, Elizabeth R., executrix. (See Miller, Henry C.)
- Miller, Elmer E. and H. L. Millersburg, Pa. Single trigger mechanism for double barrel guns. 1,898,255; Feb. 21.
- Miller, Ernest. (See Pengilly, J. H., Maechtlen, and Miller.)
- Miller, Ernest, Bremerton, Wash. Collapsible boat. 1,916,486; July 4.
- Miller, Ernest B. (See Connolly, G. C., and Miller.)
- Miller, Ernest B., assignor to The Silica Gel Corporation, Baltimore, Md. Domestic air conditioning. 1,925,812; Sept. 5.
- Miller, Ernest B., and G. C. Connolly, Baltimore, Md., assignors to The Silica Gel Corporation, Baltimore, Md. Removing sulphur compounds from gas mixtures. 1,895,724; Jan. 31.
- Miller, Ernest B., and B. P. Fonda, assignors to The Silica Gel Corporation, Baltimore, Md. Rotary adsorber unit. 1,912,784; June 6.
- Miller, Ernest B., and G. C. Connolly, assignors to The Davison Chemical Company, Baltimore, Md. Separation of metals from ores. 1,922,490; Aug. 15.
- Miller, Ernest B., and G. C. Connolly, assignors to The Silica Gel Corporation, Baltimore, Md. Refining liquid low boiling distillates. 1,939,129; Dec. 12.
- Miller, Ernest F., Prospect Park, E. H. Lane, Lansdowne, and C. B. Tuley, Glenolden, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 1,923,274; Aug. 22.
- Miller, Ernest M. (See Taylor, D. G., and Miller.)
- Miller, Eugene O., San Francisco, Calif. Auxiliary lighting system for vehicle headlights. 1,925,200; Sept. 5.
- Miller, Evans, Onawa, Iowa, assignor to Deere & Company, Moline, Ill. Tractor guide. 1,936,946; Nov. 28.
- Miller, Felix B., Attleboro, Mass., assignor, by mesne assignments, to Hinz Ambrosia, Inc., New York, N. Y. Toilet case. 1,916,176; June 27.
- Miller, Frank, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Load ascertaining device. 1,934,201; Nov. 7.

- Miller, Frank C., and D. F. Lyman, assignors to Eastman Kodak Company, Rochester, N. Y. Device for photographing titles on motion picture film. 1,933,817; Nov. 7.
- Miller, Frank P. (See Skeel, L. and Miller.)
- Miller, Frank P., Detroit, Mich. Compound for the treatment of silk and rayon. 1,929,705; Oct. 10.
- Miller, Frank S., and J. Farrington, Steubenville, Ohio. Method and apparatus for handling materials. 1,923,009; Aug. 15.
- Miller, Frank W., Chicago, Ill. Boiler washing and filling system. 1,916,276; July 4.
- Miller, Frank W., Chicago, Ill. Boiler washing and filling system. 1,916,277; July 4.
- Miller, Frank W., Chicago, Ill. Locomotive refilling system. 1,927,291; Sept. 19.
- Miller, Franklin H., and W. M. Shoffner, Dayton, Ohio. All steel hot air furnace. 1,915,688; June 27.
- Miller, Franklin T. (See Antranikian, Haig, assignor.)
- Miller, Fred E., Mangum, Okla. Article of food. Des. 90,922; Oct. 24.
- Miller, Fred M., Bala, Pa. Checker brick molding machine. 1,899,708; Feb. 28.
- Miller, Fred M., Bala, Pa. Making bricks. 1,899,709; Feb. 28.
- Miller, Fred M., Bala, Pa. Checker brick system. 1,907,852; May 9.
- Miller, Fred P., San Francisco, Calif. Flush valve. 1,937,044; Nov. 28.
- Miller, Frederick B., Montclair, assignor to Union Bag & Paper Corporation, Hudson Falls, N. J. Cap. 1,926,912; Sept. 12.
- Miller, Frederick E., Cleveland Heights, Ohio. Toy machine-gun. 1,916,680; July 4.
- Miller, Frederick H., Portland, Oreg. Towing device. 1,940,556; Dec. 19.
- Miller, Frederick W., jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea manufacture. 1,898,093; Feb. 21.
- Miller, Frederick W., jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea synthesis. 1,908,715; May 16.
- Miller, Frederick W., jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea synthesis. 1,908,995; May 16.
- Miller, Frieda M., Flint, Mich. Spotlight signal. 1,928,338; Sept. 26.
- Miller, George, sr., Marion, Iowa. Fountain pen. Des. 90,895; Oct. 17.
- Miller, George L. (See Bowden, W., Miller, and Mikulasek.)
- Miller, George L. (See Morgan, William K., assignor.)
- Miller, George L., assignor to The Maytag Company, Newton, Iowa. Governor cut-off switch. 1,910,625; May 23.
- Miller, George T., Oakland, Calif. Nut lock. 1,938,529; Dec. 5.
- Miller, Gideon B., jr., assignor to Stone Straw Corporation, Washington, D. C. Cut-off mechanism for tube machines. 1,917,806; July 11.
- Miller, Grover C., assignor of one-half to W. B. Thomas, Los Angeles, Calif. Furnace and oil cracking plant unit. 1,916,124; June 27.
- Miller, Gustave, Washington, D. C. Telephone lock. 1,899,445; Feb. 28.
- Miller, Gustave, New Haven, Conn. Pressure ball container. 1,911,125; May 23.
- Miller, Hans, Berlin-Lichterfelde, and M. Eule, Berlin-Spandau, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Valve. 1,916,738; July 4.
- Miller, Harold S., Quincy, assignor to Beckwith Manufacturing Company, Boston, Mass. Shoe stiffener manufacture. 1,911,841; May 30.
- Miller, Harold S., Quincy, assignor to Beckwith Manufacturing Company, Boston, Mass. Shoe filler. 1,931,930; Oct. 24.
- Miller, Harry E., Philadelphia, Pa., assignor to General Electric Company. Electric switch. 1,937,352; Nov. 28.
- Miller, Harry L., Chester, Pa. Milk weighing apparatus. 1,900,359; Mar. 7.
- Miller, Harry W., Lancaster, Pa. Grinding machine. 1,916,063; June 27.
- Miller, Harvey., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Safety device. 1,926,551; Sept. 12.
- Miller, Harvey J., assignor to Arcole Construction Co., Niles Center, Ill. Side dump truck. 1,897,067; Feb. 14.
- Miller, Henry, jr., St. Louis, Mo. Wheel flange and rail lubricating apparatus. 1,912,490; June 6.
- Miller, Henry, assignor to A. O. Smith Corporation, Milwaukee, Wis. Steering-post bracket for automobile frames. 1,921,239; Aug. 8.
- Miller, Henry C., and E. H. Dainton, London, England. Lifting and lowering apparatus. 1,911,918; May 30.
- Miller, Henry C., deceased, by E. R. Miller and T. F. Morris, jr., Waterford, N. Y., executors, assignors, by mesne assignments, to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 1,939,271; Dec. 12.
- Miller, Henry J., Chicago, Ill. Electrode elements of vacuum tubes. 1,925,075; Aug. 29.
- Miller, Henry J., Chicago, Ill. Cleaning and regenerating compound for electronic tubes. 1,925,076; Aug. 29.
- Miller, Henry J., Wanamassa, Ocean Township, Monmouth County, N. J. Furring and applying device. 1,930,981; Oct. 17.
- Miller, Henry J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 1,932,905; Oct. 31.
- Miller, Henry J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 1,935,652; Nov. 21.
- Miller, Henry J., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 1,935,653; Nov. 21.
- Miller, Henry R., Bernville, assignor of one-half to Paul A. Holzman, Tulpehocken, Pa. Remote control mechanism for radio apparatus. 1,938,397; Dec. 5.
- Miller, Herbert E., Allentown, Pa. Guy wire anchor connection. 1,902,459; Mar. 21.
- Miller, Herbert E., Allentown, Pa. Cutting device. 1,915,435; June 27.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy wire protector. 1,902,414; Mar. 21.
- Miller, Herbert E., assignor to Utilities Service Company, Inc., Allentown, Pa. Guy wire protector. 1,933,818; Nov. 7.
- Miller, Herman P., jr. (See Ports, Earl G., and Miller, jr.)
- Miller, Herman P., jr., East Orange, N. J., assignor to International Communications Laboratories Inc., New York, N. Y. Radio transmitter system. 1,916,229; July 4.
- Miller, Herman P., jr., East Orange, N. J., assignor to International Communications Laboratories Inc., New York, N. Y. Transmitter control system. 1,927,690; Sept. 19.
- Miller, Herman P., jr., East Orange, N. J., and J. F. Farrington, Flushing, N. Y., assignors to International Communications Laboratories Inc., New York, N. Y. Radio transmitter device. 1,938,082; Dec. 5.
- Miller, Homer C. (See Forsythe, William M., assignor.)
- Miller, Howard L. (See Miller, Elmer E. and H. L.)
- Miller, J. B., Keyless Lock Co., The. (See Miller, Edward M., assignor.)
- Miller, J. H., et al. (See Shively, Everett E., assignor.)
- Miller, Jackson F., Bay City, Mich. Window frame. 1,906,398; May 2.
- Miller, James A., Forest Hills, N. Y. Sound record blank. 1,905,732; Apr. 25.
- Miller, James A., Forest Hills, N. Y. Sound record and method of and apparatus for making it. 1,919,116; July 18.
- Miller, James A., Forest Hills, N. Y. Sound record blank. 1,919,117; July 18.
- Miller, James A., London, S. S. A. Watkins, Kew Gardens, and G. A. G. Simpson, London, England, assignors to Electrical Research Products Inc., New York, N. Y. Film marking device. 1,926,879; Sept. 12.
- Miller, James L., and H. R. Gilchrist, Youngstown, Ohio. System for lubricating the roll necks of rolling mills. 1,899,472; Feb. 28.
- Miller, James R. (See Hoffman, W. G., and Miller.)
- Miller, James S., Pittsburgh, Pa., assignor to The Dravo Contracting Company. Sinking of caissons and the building of piers, etc. 1,899,346; Feb. 28.
- Miller, James S., Pittsburgh, Pa., assignor to The Dravo Contracting Company. Concrete form. 1,914,033; June 13.
- Miller, James S., Wichita, Kans., assignor to Universal Oil Products Company, Chicago, Ill. Device for recirculating highly heated gases. 1,908,040; May 9.
- Miller, James T., Utica, N. Y. Cleaning and polishing outfit. 1,922,255; Aug. 15.
- Miller, Jephtha M. (See Mock, F. C., and Miller.)
- Miller, Jephtha M., and W. B. Goodman, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 1,933,378; Oct. 31.
- Miller, John A., Brentwood, Pa., assignor to National Tube Company. Sawing machine. 1,933,531; Oct. 31.
- Miller, John G., jr., et al. (See Hurd, Sylvester L., assignor.)
- Miller, John G., sr., et al. (See Hurd, Sylvester L., assignor.)
- Miller, John H., Plymouth, and C. E. Fish, Argos, Ind. Swivel chair. 1,918,190; July 11.
- Miller, John H., Oak Park, Ill., assignor, by mesne assignments, to Jewell Electrical Instrument Company. Method and apparatus for testing audion tube circuits and devices. 1,913,766; June 13.
- Miller, John H., Oak Park, Ill., assignor, by mesne assignments, to Jewell Electrical Instrument Company. Tube testing system. 1,940,222; Dec. 19.
- Miller, John L., Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Lightning and surge absorber. 1,925,929; Sept. 5.
- Miller, John M., Huntington, N. Y. Vegetable bowl or similar article. Des. 91,075; Nov. 21.
- Miller, John M., assignor to Bradley Miller & Company, Bay City, Mich. Window frame. 1,922,741; Aug. 15.
- Miller, John M., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving apparatus. 1,934,940; Nov. 14.
- Miller, John P., Duryea, Pa. Mine car bearing. 1,913,500; June 13.
- Miller, John T., et al. (See Coffey, George E., assignor.)
- Miller, John W., et al. (See Mapson, Robert L., assignor.)

- Miller, Joseph, Minneapolis, Minn. Refrigerating apparatus. 1,923,451; Aug. 22.
- Miller, Joseph G. (See Miller, L. M., Greene, Miller, and Calkins.)
- Miller, Kay, Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic clutch lock-out device. 1,926,783; Sept. 12.
- Miller, Kenneth W., Chicago, Ill., assignor, by mesne assignments, to General Cable Corporation. Apparatus for building cable joints. 1,929,509; Oct. 10.
- Miller, Lee H., deceased, Cleveland Heights, by A. G. Miller, executrix, assignor to The Armorssteel Roadguard Company, Cleveland, Ohio. Highway guard. 1,921,129; Aug. 8.
- Miller, Lee R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Latex glove. 1,924,617; Aug. 29.
- Miller, Leo L., assignor to McDougall Company, Frankfort, Ind. Kitchen cabinet. Des. 89,591; Apr. 11.
- Miller, Lloyd M., Los Angeles, L. M. Greene, Whittier, J. G. Miller, Los Angeles, and E. E. Calkins, Whittier, Calif. Control for pump actuating mechanisms and the like. 1,902,371; Mar. 21.
- Miller, Lloyd O. (See Lambert, Mabelle L., assignor.)
- Miller, Louis A., Kansas City, Mo. Handling excavated material. 1,922,972; Aug. 15.
- Miller, Louis J., assignor to United Autographic Register Co., Chicago, Ill. Carbon supply device for a duplicating machine. 1,919,855; July 25.
- Miller, Louis J., assignor to United Autographic Register Co., Chicago, Ill. Carbon shield. 1,940,364; Dec. 19.
- Miller, Martin. (See Eibner, A., Herrmann, Hachnel, and Miller, assignors.)
- Miller, Max C., Cumberland, R. I. Knitting machine. 1,905,419; Apr. 25.
- Miller, Max C., Cumberland, R. I. Knitting machine. 1,914,954; June 20.
- Miller, Max C., Cumberland, R. I., assignor, by mesne assignments, to United Shoe Machinery Corporation. Paterson, N. J. Knitting machine. 1,923,994; Aug. 22.
- Miller, Max C., Cumberland, R. I., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Knitting machine. 1,930,819; Oct. 17.
- Miller, Max V., New York, N. Y. Advertising device. 1,898,308; Feb. 21.
- Miller, Nicholas, Hartford, Conn. Optic projection. 1,937,353; Nov. 28.
- Miller, O. A., Treeing Machine Company. (See Eddins, Sextus A., assignor.)
- Miller, Oscar W., Appleton, Wis. Car mover device. 1,902,658; Mar. 21.
- Miller, Pansy H., et al. (See Patterson, Richard B., assignor.)
- Miller, Parker W., Phillipsburg, N. J. Paper dish and holder. 1,933,276; Oct. 31.
- Miller, Paul P., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Rake tooth for hay loaders. 1,900,724; Mar. 7.
- Miller, Peter, Chicago, Ill. Windshield visor. 1,904,069; Apr. 18.
- Miller, Peter J. N., and V. E. Extrom, Minneapolis, Minn. Electric toaster. 1,900,249; Mar. 7.
- Miller, Philip M., Brooklyn, N. Y. Motor vehicle brake. 1,909,881; May 16.
- Miller, Philip M., Brooklyn, assignor to Miller Devices, Inc., New York, N. Y. Wheel construction. 1,921,475; Aug. 8.
- Miller, Philip M., Youngstown, Ohio, assignor to Miller Devices Inc., New York, N. Y. Metal wheel. 1,893,334; Jan. 8.
- Miller, Philip M., Youngstown, Ohio, assignor to Miller Devices Inc., New York, N. Y. Wheel. 1,899,289; Feb. 28.
- Miller, Philip M., Youngstown, Ohio, assignor to Miller Devices Inc., New York, N. Y. Forming vehicle wheels. 1,925,594; Sept. 5.
- Miller, Philip M., Cleveland, Ohio, assignor to Miller Devices Inc., New York, N. Y. Motor vehicle wheel. 1,903,189; Mar. 28.
- Miller, Philip M., Cleveland, Ohio, assignor to Miller Devices, Inc. Automobile wheel. 1,936,725; Nov. 28.
- Miller, Philip S., Scotia, N. Y., assignor to General Electric Company. Mangancose resinates. 1,894,113; Jan. 10.
- Miller, Ralph. (See Walker, H. S., and Miller.)
- Miller, Ralph, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Bearing. 1,909,977; May 23.
- Miller, Ralph, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Cylinder. 1,926,684; Sept. 12.
- Miller, Ralph M., W. J. Schenler and D. A. Stout, Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Transfer. 1,922,447; Aug. 15.
- Miller, Ralph W. (See Lynn, G., and Miller.)
- Miller, Ray A., administrator. (See Greenidge, Ernest T. P.)
- Miller, Richard B., Cleveland, Ohio. Motor vehicle wheel. 1,936,851; Nov. 28.
- Miller, Richard P., Berkshire Heights, Pa. Vine guide. 1,923,218; Oct. 31.
- Miller, Robert A. (See Saltzman, P., and Miller.)
- Miller, Robert E., Bronxville, N. Y. Collapsible and adjustable wall rack. 1,918,708; July 18.
- Miller, Robert J., Milwaukee, Wis. Aeroplane parachute releasing means. 1,938,853; Dec. 12.
- Miller, Roy G., Farmingdale, N. Y., assignor to The Aviation Patent and Research Corporation. Airplane fuel tank. 1,923,384; Aug. 22.
- Miller, Roy G., Farmingdale, N. Y., assignor to The Aviation Patent and Research Corporation. Composite floor construction. 1,925,271; Sept. 5.
- Miller, Roy M. (See Clemmensen, E., and Miller.)
- Miller, Roy W. (See White, J. C., and Miller.)
- Miller Rubber Company Inc. (See Griffiths, Richard T., assignor.)
- Miller, Rudolph, assignor, by mesne assignments, to Edward C. Lamlein, Detroit, Mich. Hygrostat. 1,926,730; Sept. 12.
- Miller, Russell H. (See Miller, Alvin I. and R. H.)
- Miller, Russell H. (See Millwe, Alvin L. and R. H.)
- Miller, Samuel, New York, N. Y. Hand bag. 1,920,802; Aug. 1.
- Miller, Sherman, and J. J. Jones, Schenectady, N. Y. Valve gear. 1,906,482; May 2.
- Miller, Stanley C. (See St. John, E., and Miller.)
- Miller, Stephen J., Danbury, Conn. Hat flanging apparatus. 1,903,872; Apr. 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,893,145; Jan. 3.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Coal distillation by-product recovery system. 1,895,676; Jan. 31.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,898,980; Feb. 21.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. By-product coke oven operation. 1,904,161; Apr. 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar or pitch to coke and apparatus therefor. 1,904,504; Apr. 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar or pitch. 1,904,505; Mar. 11.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distilling tar. 1,912,294; May 30.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,912,394; June 6.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Operation of coal distillation plants. 1,912,395; June 6.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Production of creosoting compositions, etc. 1,912,396; June 6.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Recovery of tar acids. 1,918,283; July 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Operation of coke ovens and the like. 1,918,709; July 18.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Method and apparatus for the distillation of tar. 1,919,240; July 25.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,919,241; July 25.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar, etc. 1,920,097; July 25.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,920,163; July 25.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar, etc. 1,920,801; Aug. 1.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,921,300; Aug. 8.
- Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,924,163; Aug. 29.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,909,978; May 23.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar. 1,915,251; June 20.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Distillation of tar, etc. 1,920,267; Aug. 1.
- Miller, Stuart P., Glen Ridge, N. J., assignor to The Barrett Company, New York, N. Y. Pitch composition and making same. 1,925,150; Sept. 5.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Distilling tar. 1,930,130; Oct. 10.
- Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Operation of by-product coke oven. 1,935,326; Nov. 14.
- Miller, Theodore A., assignor to National Rubber Machinery Company, Akron, Ohio. Tire-building drum. 1,926,345; Sept. 12.
- Miller, Theodore R. (See Jones, R. W., and Miller.)
- Miller, Thomas R., Bossier City, La., assignor to American Cyanamid Company, New York, N. Y. Fertilizer distributor. 1,931,670; Oct. 24.

- Miller, Thomas W., assignor to The Faultless Rubber Company, Ashland, Ohio. Cleaning brush. 1,930,441; Oct. 10.
- Miller, Tony S., and L. L., J. L., and S. L. Chong, Isleton, Calif. Rotary ground working implement. 1,903,124; Mar. 28.
- Miller, Tony S., and L. L., J. L., and S. L. Chong, Isleton, Calif. Hoisting structure for ground working implements. 1,914,521; June 20.
- Miller, Walter, A. Heriksen, and P. Zurcher, assignors to Continental Oil Company, Ponca City, Okla. Converting hydrocarbon materials. 1,895,081; Jan. 24.
- Miller, Walter E., Oakland, Calif. Ignition means. 1,896,675; Feb. 7.
- Miller, Walter G., Chicago, Ill. Water heater. 1,908,041; May 9.
- Miller, Walter K., La Grange, assignor to Shellmar Products Company, Chicago, Ill. Printing machines. 1,920,419; Aug. 1.
- Miller, Walter O., Louisville, Ky. Window. 1,914,447; June 20.
- Miller, Walter R., Mansfield, Ohio. Building block. 1,900,457; Mar. 7.
- Miller, Warren S., South St. Paul, Minn. Safety razor blade sharpener. Des. 89,938; May 16.
- Miller, Wendell E., and W. J. Sheubrooks, West Palm Beach, Fla., assignors to Automatic Phonograph Corporation. Phonograph. 1,920,936; Aug. 1.
- Miller, Willard D., El Paso, Tex. Bottle. Des. 88,977; Jan. 10.
- Miller, William. (See Miller, Claude N., assignor.)
- Miller, William B. (See Ellis, G. H., and Miller.)
- Miller, William B. (See Ellis, G. H., Olpin, and Miller.)
- Miller, William C. (See Abbott, A. L., and Miller.)
- Miller, William C., Canton, Ohio, assignor to Diebold Safe & Lock Company. Safe. 1,896,007; Jan. 31.
- Miller, William C., assignor to Diebold Safe & Lock Company, Canton, Ohio. Cabinet-safe. 1,921,690; Aug. 8.
- Miller, William C., Canton, Ohio, assignor to Diebold Safe & Lock Company. Safe construction. 1,929,558; and R. R. McNary, Dayton, assignors to Frigidaire Oct. 10.
- Miller, William C., assignor to The Diebold Safe & Lock Company, Canton, Ohio. Heat resisting upwardly opening safe. 1,934,272; Nov. 7.
- Miller, William G., assignor to The R. C. Mahon Company, Detroit, Mich. Combined bracket and guide for rolling steel doors. 1,918,415; July 18.
- Miller, William H. (See Vanstory, William J., assignor.)
- Miller, William J., Swissvale, Pa. Producing pottery ware and molds for use therewith. 1,898,561; Feb. 21.
- Miller, William J., Swissvale, Pa., assignor to William J. Miller, Inc. Installation for the manufacture of glassware. 1,913,501; June 13.
- Miller, William J., Chicago, Ill. Film holder. 1,929,283; Oct. 3.
- Miller, William J., Swissvale, Pa. Feeding glass and means therefor. 1,934,811; Nov. 14.
- Miller, William J., Inc. (See Miller, William J., assignor.)
- Miller, William L., Winona, Minn. Insulating slab. 1,915,611; June 27.
- Miller, William O., Sacramento, Calif. Controlled communication circuit. 1,911,706; May 30.
- Miller, William R. (See MacDonald, W. J., and Miller.)
- Miller, William W., Middletown, Conn. Receptacle. 1,927,667; Sept. 19.
- Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical appliance plug connector casing. Des. 90,814; Oct. 3.
- Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch of the push button type. 1,910,030; May 23.
- Mills Falls Company. (See Bacon, Charles F., assignor.)
- Millet, Charles W., Evansville, Ind. Caster wheel. 1,922,556; Aug. 15.
- Millet, Eugene J. N., Paris, France. Automatically loading machine for distributing sand, gravel, and the like. 1,901,523; Mar. 14.
- Millet, Josiah B., M. J. McCarthy, and A. G. Carey, Cambridge, Mass.; said McCarthy and Carey assignors to said Millet. Amusement device. 1,906,993; May 2.
- Millet, Paul, assignor of one-half to Societe en Nom Collectif dite: Veuve Paul Luc & Cie, Nancy, France. Machine for determining the resisting qualities in wear of leather for soles. 1,906,175; Apr. 25.
- Millett Corporation. (See Millett, John E., assignor.)
- Millett, John E., assignor to Millett Corporation, Gardner, Mass. Artificial reed fabric. 1,897,671; Feb. 14.
- Millholland, James H., Philadelphia, Pa. Sheet-wrapped package and opener. 1,929,599; Oct. 10.
- Millican, Allie O. (See Millican, Earl E., assignor.)
- Millican, Frank A., Vancouver, British Columbia, Canada. Tubeless pneumatic tire. 1,895,582; Jan. 31.
- Milliff, Frank A., Los Angeles, Calif. Apparatus for hardening metals. 1,907,331; May 2.
- Milliff, John A. (See Kormann, F. A., and Milliff.)
- Milligan, Archibald, Fredonia, N. Y., assignor of one-half to E. W. McCarty, Shovel. 1,898,590; Feb. 21.
- Milligan, Charles H., Newark, N. J., assignor to The American Agricultural Chemical Company. Obtaining orthophosphoric acid and/or conversion product thereof. 1,929,441; Oct. 10.
- Milligan, Charles H., Newark, N. J., assignor to The American Agricultural Chemical Company. Obtaining orthophosphoric acid and/or conversion products thereof. 1,929,442; Oct. 10.
- Milligan, Charles H., Newark, N. J., assignor to The American Agricultural Chemical Company. Obtaining alkali metal phosphates. 1,929,443; Oct. 10.
- Milligan, Lowell H., and C. H. Quick, assignors to Norton Company, Worcester, Mass. Abrasive article of ceramic bonded crystalline alumina granules. 1,910,031; May 23.
- Milliken, Foster, Lawrence, N. Y., assignor to Milliken Valve Corporation. Valve adapted to be lubricated. 1,915,068; June 20.
- Milliken, Humphreys, Mount Royal, Montreal, Quebec, Canada. Electrical cable. 1,904,162; Apr. 18.
- Milliken, Mahlon G., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the digestion of nitrocellulose. 1,911,201; May 30.
- Milliken Valve Corporation. (See Milliken, Foster, assignor.)
- Millington, David, assignor to Hopkinssons Limited, Huddersfield, England. Forced feed lubricator. 1,919,118; July 18.
- Milliron, W. W., et al. (See Lott, Charles I., assignor.)
- Mills, Albert W., East Orange, N. J., assignor to The Tabulating Machine Company, Endicott, N. Y. Perforating machine. 1,914,275; June 13.
- Mills, Albert W., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated record card. 1,928,209; Sept. 26.
- Mills, Albert W., East Orange, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 1,939,077; Dec. 12.
- Mills Alloys, Inc. (See Russell, C. A., and Walker, assignors.)
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Automatic phonograph. 1,911,707; May 30.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Protective device for control circuit of electric phonograph or the like. 1,924,619; Aug. 29.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Remote control selective device for automatic multiple-record phonographs or the like. 1,924,620; Aug. 29.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Coin control mechanism for electrically operated machines. 1,935,982; Nov. 21.
- Mills, Bertram M., and G. K. Crossley, assignors to The Standard Engineering Works, Pawtucket, R. I. Control apparatus. 1,919,446; July 25.
- Mills, Bruce M., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,908,163; May 9.
- Mills, Bruce M., Schenectady, N. Y., assignor to General Electric Company. Variable voltage drive. 1,925,876; Sept. 5.
- Mills, Donald H., Regina, Saskatchewan, Canada. Radio base construction. 1,939,130; Dec. 12.
- Mills, Edward C. (See Hele-Shaw, H. S., Beacham, and Mills.)
- Mills Equipment Company Limited, The. (See Lethern, Albert A., assignor.)
- Mills, Ernest E., Boston, Mass. Measuring dispensing apparatus. 1,913,767; June 13.
- Mills Falls Company. (See Shortell, William H., assignor.)
- Mills, Frank Moore, Darien, Conn. Mechanism for photographic printing. 1,919,030; July 18.
- Mills, Fred H., Fort Edward, N. Y. Toy building block. 1,902,136; Mar. 21.
- Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Game apparatus. 1,912,992; June 6.
- Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Coin slide. 1,924,618; Aug. 29.
- Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Vending machine. 1,925,199; Sept. 5.
- Mills, George, Rockdale, New South Wales, Australia. Combined electric rotary switch and fuse. 1,907,266; May 2.
- Mills, Harold W., Glendale, Calif. Dispensing device. 1,910,032; May 23.
- Mills, Harry C., New Rochelle, N. Y. Sock. 1,936,064; Nov. 21.
- Mills, Henry J., Kinderhook, N. Y. Spraying apparatus. 1,900,837; Mar. 7.
- Mills, Hubert E. (See Perkins, E. H., and Mills.)
- Mills, John S., St. Louis, Mo. Combined metal door jamb and trim. 1,919,071; July 18.
- Mills, John W. (See Muirhead, J. R., and Mills.)
- Mills, Lindley E. (See Grether, E. F., and Mills, assignors.)
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Making acid halides. 1,921,767; Aug. 8.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Preparing tetrachlorobenzene. 1,934,675; Nov. 7.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Making halogenated aromatic amines. 1,935,515; Nov. 14.

- Mills, Lindley E., and W. W. Allen, assignors to The Dow Chemical Company, Midland, Mich. Preparing para-hydroxybenzoic acid. 1,937,477; Nov. 28.
- Mills, Lindley E., and S. W. Putnam, assignors to The Dow Chemical Company, Midland, Mich. Paint and varnish remover. 1,938,714; Dec. 12.
- Mills, Lon A., Knoxville, and K. H. Mynatt, Fountain City, Tenn. Machine for distributing material on lawns, etc. 1,903,874; Apr. 18.
- Mills Novelty Company. (See Mills, Bert E., assignor.)
- Mills Novelty Company. (See Mills, Fred L., assignor.)
- Mills, Robert K., Sherwood, Nottingham, England. Producing knitted fabrics. 1,894,319; Jan. 17.
- Mills, Roy I., Chicago, Ill. Absorption fin. 1,912,785; June 6.
- Mills, Sanford. (See Spring, Walter M., assignor.)
- Mills, Victor. (See Egan, J., and Mills.)
- Mills, Wallace C., assignor to J. L. Clark Manufacturing Company, Rockford, Ill. Metallic spool or reel. 1,920,420; Aug. 1.
- Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic spool. 1,920,421; Aug. 1.
- Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metallic spool. 1,920,422; Aug. 1.
- Mills, Wallace C., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Container. 1,924,999; Aug. 29.
- Mills, Winifred H. (See Dunn, L. M., and Mills.)
- Millsbaugh, William H. (See Darby, James K., assignor.)
- Millsbaugh, William H., Sandusky, Ohio. Paper-making machine. 1,930,104; Oct. 10.
- Millward, Albert M., Southgate, assignor of one-half to W. L. Stegeman, Fort Thomas, Ky. Safety device for elevators. 1,913,502; June 13.
- Milmoce, Michael J., assignor to F. B. Redington Co., Chicago, Ill. Starter mechanism for feeding blanks or the like. 1,901,832; Mar. 14.
- Milmoce, Michael J., assignor to F. B. Redington Co., Chicago, Ill. Labeling machine. 1,937,476; Nov. 28.
- Milne Chair Company. (See Morrison, Harold, assignor.)
- Milne, Charles S., Deptford, London, England. Acetylene generator. 1,918,479; July 13.
- Milne, David E., Chattanooga, Tenn. Game. 1,899,820; Feb. 28.
- Milne, Frank, Calgary, Alberta, Canada. Dry mat scorcher. 1,932,318; Oct. 24.
- Milne, John D., et al. (See Andersen, Gunnar E., assignor.)
- Milne, Winford G., assignor to N. Slater Company, Limited, Hamilton, Ontario, Canada. Cable clamp. 1,905,967; Apr. 25.
- Milne, Winford G., and W. N. Elliott, assignors to N. Slater Company, Hamilton, Ontario. Eye and loop for anchor rods. 1,905,966; Apr. 25.
- Milner, Edwin E., assignor to Ball Brothers Company, Muncie, Ind. Leer. 1,908,528; May 9.
- Milner, Emil, and F. Walter, Philadelphia, Pa. Needle selecting device for knitting machines and the like. 1,910,959; May 23.
- Milnes, Albert V., West New Brighton, N. Y. Burial vault. 1,903,747; Apr. 11.
- Milnes, Fred A. (See McChesney, V. A., and Milnes.)
- Milnes, Wesley, assignor to National Tapestry Company, Philadelphia, Pa. Tapestry fabric. 1,932,981; Oct. 31.
- Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Balancing cables equipped with a long sea-earth. 1,901,318; Mar. 14.
- Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Balancing ocean cables. 1,941,102; Dec. 26.
- Milone, Louis J., Livingston, assignor to Orange Screen Company, Maplewood, N. J. Screen frame. 1,932,418; Oct. 31.
- Milprint Products Corporation. (See Nelson, John V., assignor.)
- Milprint Products Corporation. (See Rosen, Shy, assignor.)
- Milton, Charles A., Kokomo, Ind. Tool. 1,929,600; Oct. 10.
- Milton, George R., Smith County, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Production of petroleum. 1,908,440; May 9.
- Milton, George R., Smith County, Tex., assignor to Sinclair Prairie Oil Company, Tulsa, Okla. Casing head. 1,914,380; June 20.
- Milwaukee Air Power Pump Co. (See Frentzel, Herman C., jr., assignor.)
- Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
- Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
- Milwaukee Gas Specialty Company. (See Meusy, Eugene B., assignor.)
- Milwaukee Gas Specialty Company. (See Sackett, Warren W., assignor.)
- Milwaukee Gas Specialty Co. (See Toelle, Herbert E., assignor.)
- Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
- Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)
- Milwaukee Optical Mfg. Co., The. (See Ingold, Carl F., assignor.)
- Milwaukee Reliance Boiler Works. (See Sharp, Richard A., assignor.)
- Milwaukee Valve Company. (See Fina, Valentine, assignor.)
- Mincovsky, Zounia, assignor to Societe Francaise d'Etudes & de Brevets, Paris, France. Obturating device. 1,910,033; May 23.
- Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
- Mine Safety Appliances Company et al. (See Kryzanowsky, Constant J., assignor.)
- Mine Safety Appliances Company. (See Luchs, Frederick M., assignor.)
- Mine & Smelter Supply Company, The. (See Wells, Sidney D., assignor.)
- Miner, Alfred, New York, N. Y. Lock for containers. 1,934,136; Nov. 7.
- Miner, Alice T., executrix. (See Miner, W. H., and Sidley.)
- Miner, Anson W. (See Whitehead, R. H., Miner, and Burnes.)
- Miner, Anson W., assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Vacuum tube base pin. 1,936,404; Nov. 21.
- Miner, Carl S. (See Bohn, R. M., and Miner.)
- Miner, Carl S., assignor to The Quaker Oats Company, Chicago, Ill. Solvents for cellulose materials. 1,914,522; June 20.
- Miner, Carl S., Glencoe, assignor to W. J. Mohr, Chicago, Ill. Production of expanded vermiculite. 1,922,448; Aug. 15.
- Miner, Carl S., assignor to C. H. Joy, jr., Chicago, Ill. Duplicating sheet. 1,929,601; Oct. 10.
- Miner, Carl S., Chicago, Ill., and G. H. Saylor, assignors to The Parker Pen Company, Janesville, Wis. Permanent quick-drying writing fluid. 1,932,248; Oct. 24.
- Miner, Floyd E., Chicago, Ill. Mechanical calculating device. 1,914,034; June 13.
- Miner, Harry H., Paris, France, assignor to Landis Tool Company, Waynesboro, Pa. Mandrel for hollow crank shafts. 1,902,176; Mar. 21.
- Miner, Henry A., Evanston, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,938,715; Dec. 12.
- Miner, Irving O., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Clipper. 1,895,292; Jan. 24.
- Miner, James B., Portland, Oreg. Grazing muzzle. 1,927,242; Sept. 19.
- Miner, Ralph K., Oriskany Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Agitator paddle and the like. 1,910,253; May 23.
- Miner, W. H., Inc. (See Dath, Charles E., assignor.)
- Miner, W. H., Inc. (See Endicott, George F., assignor.)
- Miner, W. H., Inc. (See Fuchs, Henry, assignor.)
- Miner, W. H., Inc. (See Geiger, William A., assignor.)
- Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
- Miner, W. H., Inc. (See Johnson, George A., assignor.)
- Miner, W. H., Inc. (See Lehman, Edward H., assignor.)
- Miner, W. H., Inc. (See Lewis, Goodrich J., assignor.)
- Miner, W. H., Inc. (See Link, John H., assignor.)
- Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)
- Miner, W. H., Inc. (See Miner, Henry A., assignor.)
- Miner, W. H., Inc. (See Miner, William H., assignor.)
- Miner, W. H., Inc. (See Miner, W. H., and Sidley, assignors.)
- Miner, W. H., Inc. (See O'Connor, John F., assignor.)
- Miner, W. H., Inc. (See Olander, Roland J., assignor.)
- Miner, William A. (See Dudley, D. G., Miner, and Swartz.)
- Miner, William H., Chazy, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,904,379; Apr. 18.
- Miner, William H., deceased, by A. T. Miner, executrix, Chazy, and W. P. Sidley, executor, Winnetka, N. Y., assignors to W. H. Miner, Inc., Chicago, Ill. Buffer. 1,905,486; Apr. 25.
- Minera, Salvador A., Guatemala City, Guatemala. Bookmark. 1,933,747; Nov. 7.
- Mineralite Corporation. (See Kitsee, Isidor, assignor.)
- Minerallac Electric Company. (See Ferguson, Arthur J., assignor.)
- Mineral's Benefication Incorporated. (See Wuensch, Charles E., assignor.)
- Minerals Separation North American Corporation. (See Wright, Percy C., assignor.)
- Miners, Charles, Indianapolis, Ind. Razor blade sharpening device. 1,925,983; Sept. 5.
- Minett, Wilfrid T., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,895,257; Jan. 24.
- Minett, Wilfrid T., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Buffing machine. 1,912,491; June 6.
- Minewitch, Borrah, New York, N. Y. Harmonica. Des. 90,334; July 18.
- Minger, Forest R. (See Heath, S. B., and Minger.)
- Mingle, Joseph P., assignor to Ball Brothers Company, Muncie, Ind. Wiring machine. 1,918,552; July 18.
- Mingus, Fred B., Oshkosh, Wis. Lawn mowing machine. 1,900,838; Mar. 7.
- Miniere, Salvatore, Pittsburgh, Pa. Receptacle. 1,930,841; Oct. 17.
- Mining Engineering Company Limited, The. (See Moore, Matthew S., assignor.)

- Mining Engineering Company Limited. The. (See Nyborg, Tage G., assignor.)
- Mining Safety Device Company, The. (See Merritt, Glenn W., assignor.)
- Minisac Mills, Inc., et al. (See Friedmann, A., and Rudelt, assignors.)
- Minkler, Ray S., Los Angeles, Calif. Toilet bowl ventilator. 1,911,032; May 23.
- Minkler, William A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,901,663; Mar. 14.
- Minkler, William A., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Relay protective system. 1,939,609; Dec. 12.
- Minneapolis-Honeywell Regulator Company. (See Bear, Paul S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Bogle, John C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Bogle, J. C., and Koch, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Bower, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cramblet, Paul K., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gauger, F. A., and Johnson.)
- Minneapolis-Honeywell Regulator Company. (See Gauger, F. A., Johnson, and Neuser, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Grant, Arthur C., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Johnson, Roy W., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kingsland, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Koch, Lawrence E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kreichbaum, John P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kuempel, Leon L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Leach, Edgar J., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Mackintosh, William B., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Morgan, Carl M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Phelan, Louis A. M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Phelan, L. A. M., and Hotchkiss, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Shivers, Paul F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, D. G., and Miller, assignors.)
- Minneapolis-Moline Power Implement Company. (See Johnson, Gustaf E., assignor.)
- Minneapolis-Moline Power Implement Co. (See Orelund, John R., assignor.)
- Minneapolis-Moline Power Implement Company. (See Overholt, Lloyd F., assignor.)
- Minneapolis-Moline Power Implement Company. (See Swenson, William E., assignor.)
- Minneeman, Edward G. (See Hurrell, A. C., and Minne- man.)
- Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)
- Minnesota Mining & Manufacturing Company. (See Farrell, Frederick W., assignor.)
- Minning, Charles P., Los Angeles, Calif. Structures for refrigerators and other devices. 1,899,710; Feb. 28.
- Minnis, Wesley, Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of solid aromatic compounds containing adhering impurities. 1,920,517; Aug. 1.
- Minor, Burt S. (See Wheeler, F. J., and Minor.)
- Minor, Burt S., San Pedro, Calif. Snubbing device for oil well tubing. 1,895,132; Jan. 24.
- Minor, Burt S., San Pedro, Calif. Locking device for swiveling casing hooks. 1,922,386; Aug. 15.
- Minor, John C., New Canaan, Conn., assignor to William Wharton, Jr., & Company, Incorporated, Easton, Pa. Manufacture of gas cylinders. 1,903,630; Apr. 11.
- Minor, John C., New Canaan, Conn., assignor to William Wharton, Jr., & Company, Incorporated, Easton, Pa. Supplying carbon dioxide for aiding the growth of plants. 1,908,164; May 9.
- Minor, Joseph H., Hermosa Beach, Calif. Shoe polishing and brushing device. 1,922,256; Aug. 15.
- Minorsky, Nicolai, Merion, Pa., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Automatic steering device. 1,912,489; June 6.
- Minshall, John A., Kansas City, Mo., and P. S. Wilder, Topeka, Kans. Deal and hand indicator. 1,911,160; May 23.
- Minshall, Robert J. (See Montieth, C. N., Kylstra, and Minshall.)
- Minshall, Robert J., assignor to Boeing Airplane Company, Seattle, Wash. Arresting hook for airplanes. 1,893,591; Jan. 10.
- Minshall, Robert J., assignor to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 1,919,524; July 25.
- Minter, Clarke C., Beacon, N. Y. Internal combustion engine. 1,928,299; Sept. 26.
- Minter, Hugh, Baltimore, Md. Automatic conveyer truck. 1,932,225; Oct. 24.
- Minter, John E., assignor to Dixie Brick Company, Incorporated, Columbus, Ga. Face brick. 1,923,636; Aug. 22.
- Mintner, Corban, assignor to St. Louis & O'Fallon Coal Company, St. Louis, Mo. Closure seal for vertical coking retorts. 1,918,860; July 18.
- Minto, Wallace M., Jersey City, N. J. Propeller. 1,900,839; Mar. 7.
- Minton, Paul H., Chatham, N. J. Absorbent filter for smoking appliances. 1,919,959; July 25.
- Mintz, Jay J., New York, N. Y. Mixing valve. 1,912,295; May 30.
- Minute Electric Broiler. (See Galer, Robert E., assignor.)
- Minzenmayer, Charles, San Francisco, Calif. Striker plate. 1,919,739; July 25.
- Mioton, Sidney F., New Orleans, La. Structural building frame. 1,950,556; Oct. 17.
- Mirabella, Pasquale A., Long Island City, N. Y. Filing drawer. 1,934,370; Nov. 7.
- Miracle Burner Corporation. (See Rudolph, Fred E., assignor.)
- Mirafuentes, Alfonso F., Guadalupe, Mexico. Tonsorial device. 1,894,188; Jan. 10.
- Mirau, Hans, Radebeul, assignor to Chemische Fabrik von Heyden, A. G., Radebeul near Dresden, Germany. Composition for disinfecting and bleaching and making the same. 1,894,539; Jan. 17.
- Mirenda, James. (See Marchese, S. and Mirenda.)
- Mirick, Carlos B., assignor to National Electrical Supply Company, Washington, D. C. Device for cutting antenna wire. 1,913,813; June 13.
- Mirick, Carlos B., assignor to National Electric Supply Company, Washington, D. C. Radio direction finding system. 1,915,328; June 27.
- Mirick, Carlos B., assignor to National Electric Supply Company, Washington, D. C. Multiple frequency receiving system. 1,917,268; July 11.
- Misbach, Raybert E., Fairmont, Minn. Garment hanger. 1,929,284; Oct. 3.
- Mischanski, Stephen A., Wallington, N. J. Grater. 1,922,973; Aug. 15.
- Mischler, William N., Scotia, N. Y., assignor to General Electric Company. Electrode clamp. 1,912,006; May 30.
- Miserentino, Angelo, Newark, N. J. Collar pin. 1,931,671; Oct. 24.
- Mishawaka Rubber and Woolen Manufacturing Company. (See Ferretie, Conrad, assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Hunt, Ray R., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Taber, John E., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Van Dinter, G. L., and Feretie, assignors.)
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 1,937,773; Dec. 5.
- Miskella, William J., Oak Park, Ill. Attachment for cameras. 1,913,848; June 13.
- Miskend, Herbert L., assignor to Lande & Miskend, Inc., New York, N. Y. Jewelry. 1,920,875; Aug. 1.
- Misner, Edgar D., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,918,818; July 18.
- Mission Dry Corporation. (See Crosby, Harry E., assignor.)
- Mississippi Glass Company. (See Begeman, Myron L., assignor.)
- Mississippi Glass Company. (See Juergens, Gustav H., assignor.)
- Missouri Botanical Garden, The. (See Pring, George H., assignor.)
- Missouri Holding and Investment Company. (See Schmidt, Hermann H., assignor.)
- Mistau, Mina M., and V. Christ, St. Louis, Mo. Curtain stretcher. 1,910,493; May 23.
- Mitcham, Edward H., New York, N. Y. Juice extractor. 1,918,658; July 18.
- Mitchell, Edward W., assignor to F. L. McLaughlin Corporation, Detroit, Mich. Roller bearing cage and forming the same. 1,894,595; Jan. 17.
- Mitchell, Allister S., Detroit, Mich., assignor to National Automotive Fibres, Inc., Oakland, Calif. Upholstery-making machine. 1,915,329; June 27.
- Mitchell, Allister S., Oakland, Calif., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery-making machine and process. 1,918,284; July 18.
- Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Cushion and its manufacture. 1,921,691; Aug. 8.
- Mitchell, Alvan C., assignor to one-half to F. A. MacDaniel, Detroit, Mich. Building structure. 1,893,480; Jan. 3.
- Mitchell, Archelus H., Selma, Ala. Motor vehicle. 1,924,797; Aug. 29.
- Mitchell, August, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Portable battery lamp. Des. 89,969; May 23.

- Mitchell, August, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Flash light. 1,918,347; July 18.
- Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity case. 1,930,532; Oct. 17.
- Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lip stick. 1,931,079; Oct. 17.
- Mitchell Battery Company. (See Blakely, Sidney B., assignor.)
- Mitchell-Bissell Co. (See Williams, John A., assignor.)
- Mitchell Camera Corporation. (See Jouson, G. W., and Grebe, assignors.)
- Mitchell Camera Corporation. (See Mitchell, George A., assignor.)
- Mitchell Camera Corporation. (See Mitchell, G. A., and Baker.)
- Mitchell, Colin C., Corstorphine, Edinburgh, Scotland. Retarding gear for catapults. 1,898,884; Feb. 21.
- Mitchell, Courtney N., Cleveland Heights, assignor to The J. & M. Machine Company, Cleveland, Ohio. Making steering wheels. 1,912,088; May 30.
- Mitchell, Courtney N., Cleveland, Ohio. Hydraulic shock absorber. 1,923,038; Aug. 15.
- Mitchell, Courtney N., Cleveland Heights, assignor, by mesne assignments, to The J. & M. Machine Company, Cleveland, Ohio. Composite steering wheel. 1,920,423; Aug. 1.
- Mitchell, David F., Staten Island, N. Y. Apparatus for extracting tubes. 1,902,571; Mar. 21.
- Mitchell, David F., Staten Island, N. Y. Wrench. 1,909,702; May 16.
- Mitchell, Doren. (See Wright, S. B., and Mitchell.)
- Mitchell, Doren, Martinsville, N. J., assignor to American Telephone and Telegraph Company. Transmission control. 1,903,875; Apr. 18.
- Mitchell, Edna K., executrix. (See Mitchell, Joseph S.)
- Mitchell, Frank A., London, England, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Automatic stop. 1,913,558; June 13.
- Mitchell, G. F., & Sons Company, The. (See Mitchell, Harry W., assignor.)
- Mitchell, George A., assignor to Mitchell Camera Corporation, West Hollywood, Calif. Camera focusing mechanism. 1,893,712; Jan. 10.
- Mitchell, George A., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Film movement. 1,912,535; June 6.
- Mitchell, George A., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Film movement mechanism. 1,930,723; Oct. 17.
- Mitchell, George A., Palms, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Cinematographic apparatus. 1,922,742; Aug. 15.
- Mitchell, George A., Huntington Park, and Friend F. Baker, Sawtelle, Calif., assignors to Mitchell Camera Corporation. Making composite pictures. 1,897,494; Feb. 14.
- Mitchell, George L., Arbon, Idaho. Battery clamp. 1,909,301; May 16.
- Mitchell, H. Alton, and J. L. Cawthon, jr., assignors to The Bonney-Floyd Company, Columbus, Ohio. Pearlite cast iron and producing the same. 1,910,034; May 23.
- Mitchell, Harry W., Cleveland Heights, assignor to The G. F. Mitchell & Sons Company, Cleveland, Ohio. Burial vault. 1,928,671; Oct. 3.
- Mitchell, Harry W., Shaker Heights, assignor to The G. F. Mitchell and Sons Company, Cleveland, Ohio. Metal rough box. 1,928,672; Oct. 3.
- Mitchell, Henry C., Naturita, Colo., assignor of one-half to P. S. Seeley. Ore concentrator. 1,894,779; Jan. 17.
- Mitchell, Howard C., Philadelphia, and J. W. Maurer, Elkins Park, Pa. Control system and apparatus. 1,915,941; June 27.
- Mitchell, Hunt, Carbondale, Ill. Rubber or hand stamp. 1,938,344; Dec. 5.
- Mitchell, J. Kearsley. (See Tompkins, Ernest E., assignor.)
- Mitchell, James A., assignor of one-third to W. J. Johnson, and one-third to W. T. Johnson. St. Louis, Mo. Flush valve for bowls. 1,932,224; Oct. 24.
- Mitchell, James M., Flushing, N. Y. Settling apparatus. 1,906,916; May 2.
- Mitchell, James M., Flushing, N. Y. Classifier. 1,934,812; Nov. 14.
- Mitchell, John E., Dallas, Tex. Cotton cleaning equipment. 1,906,076; Apr. 25.
- Mitchell, John E., Dallas, Tex. Cotton extracting and cleaning machine. 1,914,893; June 20.
- Mitchell, John E., Dallas, Tex. Impact boll breaker. 1,916,125; June 27.
- Mitchell, John E., Dallas, Tex. Cotton cleaning apparatus. 1,917,896; July 11.
- Mitchell, John E., Dallas, Tex. Cotton treating machine. 1,918,610; July 18.
- Mitchell, John E., Dallas, Tex. Cotton feeding mechanism. 1,925,813; Sept. 5.
- Mitchell, John E., Dallas, Tex. Boll breaking and cotton cleaning machine. 1,932,472; Oct. 31.
- Mitchell, John E., and O., Dallas, Tex. Bearing and mounting therefor. 1,894,699; Jan. 17.
- Mitchell, John E., Company. (See Donahue, J. F., and McMahon, assignors.)
- Mitchell, John K., Philadelphia, Pa., assignor to Dispersions Process, Inc., Dover, Ill. Recovery of fibrous material and rubber from waste rubber stock. 1,900,944; Mar. 14.
- Mitchell, John R., Dallas, Tex., assignor, by mesne assignments, to The Capehart Corporation, Fort Wayne, Ind. Automatic phonograph. 1,940,460; Dec. 19.
- Mitchell, John R., Fort Wayne, and P. U. Lannerd, Huntington, Ind., assignors, by mesne assignments, to Royal National Company, Inc. Automatic phonograph. 1,936,335; Nov. 21.
- Mitchell, John S., Chicago, Ill. Sheet sign for application to articles. 1,926,685; Sept. 12.
- Mitchell, John S., and H. C. Rathke, Chicago, Ill., assignors to the Meyercoed Company. Making decorated drawn metal articles. 1,895,419; Jan. 21.
- Mitchell, Joseph A. M. W., Runcorn, and F. T. Meehan, Liverpool, England, assignors to Imperial Chemical Industries Limited. Manufacture of calcium hypochlorite. 1,940,557; Dec. 19.
- Mitchell, Joseph S., deceased, Chicago, Ill., by Edna K. Mitchell, executrix, Louisville, Ky., assignor to Sullivan Machinery Company. Oil and gas well drilling apparatus. 1,916,278; July 4.
- Mitchell, Leo J., St. Louis, Mo. Surface ornamentation. 1,935,213; Nov. 14.
- Mitchell, Leonard O. (See Mitchell, Ossian K. and L. O.)
- Mitchell, Oliver, and E. M. Flood, Palos Park, assignors to Sterling Borax Company, Chicago, Ill. Compound for use in clothes washing. 1,925,843; Sept. 5.
- Mitchell, Orville. (See Mitchell, John E. and O.)
- Mitchell, Orville, Dallas, Tex. Producing saws. 1,902,177; Mar. 21.
- Mitchell, Orville, Dallas, Tex. Shaft mounting for rotatable cylinders. 1,903,060; Mar. 28.
- Mitchell, Orville, Dallas, Tex. Sheet metal mounting for bearing housings and the like. 1,927,523; Sept. 19.
- Mitchell, Ossian K. and L. O., Oak Park, Ill. Floor reading stand. Des. 89,053; Jan. 17.
- Mitchell, Ossian K. and L. O., Oak Park, Ill. Adjustable link-system tables. 1,897,321; Feb. 14.
- Mitchell, Ossian K. and L. O., Oak Park, Ill. Vertically and horizontally adjustable table. 1,900,250; Mar. 7.
- Mitchell, Peter, Winnipeg, Manitoba, Canada. Ring fracturing machine. 1,928,458; Sept. 26.
- Mitchell, Richard S. M., Detroit, Mich. Arm or lever or the like. 1,911,459; May 30.
- Mitchell, Richard S. M., Detroit, Mich., assignor of fifteen per cent to A. H. Golden, Stamford, Conn. Shock absorber. 1,937,495; Nov. 28.
- Mitchell, Richard S. M., Detroit, Mich., assignor of fifteen per cent to A. H. Golden, Stamford, Conn. Stuffing box structure. 1,937,496; Nov. 28.
- Mitchell, Robert. (See Meader, Albert W., assignor.)
- Mitchell-Roberts, John F., Piedmont, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Filter-aid dewaxing. 1,933,868; Nov. 7.
- Mitchell & Smith, Incorporated. (See Champney, Ralph P., assignor.)
- Mitchell Specialty Company. (See Kulicke, F. W., Butler and Moore, assignors.)
- Mitchell Specialty Company. (See Seitz, Joseph J., assignor.)
- Mitchell, Thomas A., assignor to L. M. Hughes, Denver, Colo. Producing hydrochloric acid gas. 1,923,324; Aug. 22.
- Mitchell, Wallace F. (See Planert, G. R., and Mitchell.)
- Mitchell, Wayne B., Quebec, Quebec, Canada. Combination sliding subbase and scraper for auto jacks. 1,903,341; Apr. 4.
- Mitchell, William B., Glasgow, Scotland. Checker brick-work construction for regenerator furnaces. 1,897,270; Feb. 14.
- Mitchell, William J., San Francisco, Calif. Core drill. 1,907,154; May 2.
- Mitchie, Jean G., assignor to Stephenson Laboratories Trust, Boston, Mass. Arch support. 1,901,353; Mar. 14.
- Mitchum, Cecil E., Kansas City, Kans. Heat exchange apparatus for dairy equipment. 1,914,700; June 20.
- Mitchum, Cecil E., Kansas City, Kans. Pasteurizing apparatus. 1,925,877; Sept. 5.
- Mitsubishi Kogyo Kabushiki Kaisha. (See Tamuru, S., and Koizumi, assignors.)
- Mitsubishi Zosen Kabushiki Kaisha. (See Noguchi, Kojiyu, assignor.)
- Mittag, Albert H., Schenectady, N. Y. Electric power converting apparatus. 1,894,114; Jan. 10.
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric translating circuits. 1,902,460; Mar. 21.
- Mittag, Carl, Magdeburg, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Apparatus for evaporating cement slurry. 1,895,201; Jan. 24.
- Mittasch, Alwin, Mannheim, R. Wietzel, Ludwigshafen-on-the-Rhine, and Conrad Pfaunder, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Heat treating hydrocarbons at an elevated temperature. 1,893,804; Jan. 10.
- Mittasch, Alwin, Mannheim, and H. Zorn, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of catalysts. 1,895,764; Jan. 31.

- Mittasch, Alwin, Mannheim, M. Pier, Heidelberg, R. Wietzel, Ludwigshafen-on-the-Rhine, and H. Langheinrich, Merseberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocarbons. 1,913,940; June 13.
- Mittasch, Alwin, Mannheim, M. Pier, Heidelberg, R. Wietzel, Ludwigshafen-on-the-Rhine, and H. Langheinrich, Merseberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of hydrocarbons. 1,913,941; June 13.
- Mittasch, Alwin, Mannheim, G. Stern, Neckargemund, and E. Galle, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of hydrocarbons of high boiling point into those of low boiling point. 1,922,491; Aug. 15.
- Mitteau, Ferdinand, Villemomble, assignor to Société d'Etudes Scientifiques et d'Entreprises Industrielles, Ougree Belgium. Manufacture of sodium nitrate and other fertilizing substances. 1,929,002; Oct. 3.
- Mittell, Brencley E. G., Iver, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproducing system. 1,929,928; Oct. 10.
- Mittelstadt, Roy L. (See Prosser, T. W., and Mittelstadt.)
- Mittendorf, Harvey C. (See Rydmark, J. A., and Mittendorf.)
- Mittleburg, Samuel S., Brooklyn, N. Y. Bendable unit. 1,913,406; June 13.
- Mitts & Merrill. (See Winston, William J., assignor.)
- Mitzman, Jacob J. (See Friedberg, Abram B., assignor.)
- Mix, Donald H. (See Hoffman, W. H., and Mix.)
- Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Flexible buckle belt. 1,917,142; July 4.
- Mix, Edwin S., and F. D. Johnson, Rochester, N. Y., assignors to Hickok Manufacturing Company, Inc. Suspenders. 1,926,750; Sept. 12.
- Mix, Edwin S., and F. D. Johnson, Rochester, N. Y., assignors to Hickok Manufacturing Company, Inc. Suspenders. 1,926,751; Sept. 12.
- Mix, Frederick H. (See Van Dorn, H. B., and Mix.)
- Mix, Frederick H., Brooklyn, N. Y., and F. Windfuhr, North Bergen, assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Basel coil. 1,939,824; Dec. 19.
- Mix, Martin L., and H. E. Heil, Chicago, Ill. Fluid control device. 1,892,775; Jan. 3.
- Mix, Martin L., and H. E. Heil, Chicago, Ill. Fluid control device. 1,892,776; Jan. 3.
- Mixer, Harold P., Frankfort, N. Y., assignor to Gardner Company, Ebensburg, Pa. Calculating machine. 1,927,878; Sept. 26.
- Miyaguchi, Takeo, Toyotama Gun, Tokyo Fu. and M. Fukui, Kamakura Gun, Kanagawa Ken, Japan. Manufacturing a new sort of colloidal carbohydrate. 1,911,639; May 30.
- Miyamoto, Shigenari, Tokyo, Japan, assignor to General Electric Company. Regulator control system. 1,919,960; July 25.
- Mize, George G., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain. 1,925,055; Aug. 29.
- Mizener, Logan A., Wilmette, assignor to Chicago Mill and Lumber Corporation, Chicago, Ill. Composition for printing or graining. 1,930,178; Oct. 10.
- Mizer, Joseph J., and E. J. Sullivan, assignors to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,914,149; June 13.
- Mizobata, Kyutaro, Tokyo, Japan. Preparing dried yeast. 1,934,941; Nov. 14.
- Mizuta, Masakichi, Marunouchi, Kojimachi-Ku, Tokyo, and T. Yoshimura, Okubo, Kashiwazaki-Machi, Kariba-Gun, Niigata-Ken, assignors to Nihon Sekiyu Kabushiki Kaisha, Tokyo, Japan. Flash point testing machine. 1,941,182; Dec. 26.
- Mizzy, Albert D., New York, and W. Favini, South Ozone Park, N. Y. Parking device. 1,940,724; Dec. 26.
- Mladinich, Thomas C., Garden City, N. Y. Feed clutch. 1,921,994; Aug. 8.
- Moats, De Witt T., Columbus, Ohio. Automobile rear view reflector. 1,910,119; May 23.
- Moberly, Waldo Y., Sweet Grass, Mont. Fishing tackle box. 1,926,162; Sept. 12.
- Möbius, Walter, assignor to Magdeburger Werkzeugmaschinenfabrik Aktiengesellschaft, Magdeburg, Germany. Device for shifting the wheels in gear boxes of lathes and other machine tools. 1,915,374; June 27.
- Möbius, Walter, assignor to Magdeburger Werkzeugmaschinenfabrik Aktiengesellschaft, Magdeburg, Germany. Machine tool with reciprocating carriage (turret lathe or the like). 1,915,375; June 27.
- Mobley, Arthur T., Springfield, Mo. Seed planter. 1,931,353; Oct. 17.
- Mobley, Jeremiah M., San Francisco, Calif. Plumb or level. 1,912,536; June 6.
- Mobley, William R., Miami, Fla. Separator for liquids and solids. 1,938,604; Dec. 12.
- Mobley, William R., Miami, Fla., assignor of one-half to F. W. Bradsby, Louisville, Ky. Propeller. 1,910,443; May 23.
- Mobley, William R., Miami, Fla., assignor of one-half to F. W. Bradsby, Louisville, Ky. Propulsion means. 1,937,525; Dec. 5.
- Mobray, Cecil, Keyes, Okla. Engine attachment. 1,934,993; Nov. 14.
- Mochi, Ugo, Yonkers, N. Y., assignor to The Enamel Products Company, Cleveland, Ohio. Table top. Des. 91,076; Nov. 21.
- Mock, Frank C., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 1,900,191; Mar. 7.
- Mock, Frank C., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 1,933,379; Oct. 31.
- Mock, Frank C., East Orange, N. J., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,937,709; Dec. 5.
- Mock, Frank C., Montclair, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Transmission. 1,920,579; Aug. 1.
- Mock, Frank C., and M. E. Chandler, Chicago, Ill., assignors to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,380; Oct. 31.
- Mock, Frank C., Chicago, Ill., and J. M. Miller, South Bend, assignors to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,381; Oct. 31.
- Mockbee, Louis R., Hartford, Conn. Percolator. 1,895,857; Jan. 31.
- Mockelmann, Frank, Millard, Nebr. Signal for brooders. 1,922,898; Aug. 15.
- Modad, Najam, and L. Schneider, Carbondale, Pa. Garbage disinfecting device. 1,928,864; Oct. 3.
- Modern Curtain Co. (See Thorne, Herbert, assignor.)
- Modern Equipment Company. (See Goldberg, Max W., assignor.)
- Modern Iron Works. (See Kickler, Thomas J., assignor.)
- Modern Maid Company. (See Dies, James W., assignor.)
- Modlin, Lowell G., Huntington, W. Va. Ice cream attachment and mixer for mechanical refrigerators. 1,930,941; Oct. 17.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Concealed radiator. 1,893,146; Jan. 3.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Tube for heat exchange devices. 1,893,521; Jan. 10.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Air heating device. 1,893,631; Jan. 10.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchange unit. 1,893,650; Jan. 10.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchange device. 1,895,891; Jan. 31.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating device. 1,896,413; Feb. 7.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator. 1,902,572; Mar. 21.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator. 1,902,880; Mar. 28.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator. 1,903,125; Mar. 28.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Automobile heater. 1,905,487; Apr. 25.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator. 1,906,077; Apr. 25.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating and ventilating device. 1,906,994; May 2.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchange apparatus. 1,907,433; May 9.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Heating device. 1,910,175; May 23.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Radiator. 1,911,766; May 30.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Automobile heating and ventilating apparatus. 1,913,339; June 6.
- Modine, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Humidifier. 1,913,942; June 13.
- Modine Manufacturing Company. (See Bossart, Otto A., assignor.)
- Modine Manufacturing Company. (See Modine, Arthur B., assignor.)
- Moe, Anton E., Los Angeles, Calif. Method and apparatus for placing forms for green cement for piles. 1,912,089; May 30.
- Moe, Gerhard, Rockford, Ill. Method and apparatus for making photographic measurements. 1,937,433; Nov. 28.
- Moe, Lawrence H., assignor to Crane Co., Chicago, Ill. Removable disk valve. 1,912,786; June 6.
- Moehler, Otto J., Newark, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Ultra-violet sterilizing apparatus. Des. 88,929; Jan. 3.
- Moeller, Adolph C., et al. (See Ashley, J. D., Jr., and Menamin, assignors.)
- Moeller, Adolph C., et al. (See Menamin, Francis C., assignor.)
- Moeller, Andrew, Creve Coeur, Mo. Reinforcement for hand baskets. 1,923,789; Aug. 22.

- Moeller, Gustave H., Burlington, Iowa. Electrical connector. 1,928,865; Oct. 3.
- Moeller Instrument Company, Inc. (See Moeller, Max E., assignor.)
- Moeller, Max E., assignor to Moeller Instrument Company, Inc., Brooklyn, N. Y. Method and apparatus for molding thermometer stems. 1,913,559; June 13.
- Moeller, William J., Mount Healthy, Ohio, assignor to The Philip Carey Manufacturing Company. Asbestos cement building material. 1,893,783; Jan. 10.
- Moers, Kurt. (See Agte, C., and Moers.)
- Moeschlin, Fritz, Winterthur, assignor to Firm Schweizerische Käseunion (S. K.), Berne, Switzerland. Device for marking cheeses or like blocks. 1,914,035; June 13.
- Moer, Benjamin B., jr., Temple, Ariz. Aerial tow advertiser. 1,914,612; June 20.
- Moffat, John H., Indianapolis, Ind. Parking self-propelled vehicles. 1,928,946; Oct. 3.
- Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Thread controlling device for cross thread laying mechanisms. 1,926,954; Sept. 12.
- Moffet, John D., Inglewood, Calif. Steering control apparatus. 1,907,211; May 2.
- Moffett, Dallas C., Logan, Ohio. Drill cable snap or cracker. 1,917,143; July 4.
- Moffett, Frank E., Maywood, Ill., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Release mechanism. 1,900,725; Mar. 7.
- Moffett, Myrtha, Fresno, Calif. Tool for tying fence wires. 1,903,830; Apr. 18.
- Mogford, Edmund C., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Axle. 1,899,347; Feb. 28.
- Mogford, Edmund C., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Spring pad. 1,908,856; May 16.
- Mogford, Edmund C., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Axle. 1,926,346; Sept. 12.
- Mohawk Brush Company. (See Aufesser, Gates B., assignor.)
- Mohawk Carpet Mills, Inc. (See Ashcroft, A. G., and Kellogg, assignors.)
- Mohawk Carpet Mills, Inc. (See Green, Arthur P., assignor.)
- Mohawk Carpet Mills, Inc. (See Shuttleworth, Howard L., assignor.)
- Mohawk Carpet Mills, Inc. (See Smart, Clarence E., assignor.)
- Mohawk Carpet Mills, Inc. (See Underwood, Garfield J., assignor.)
- Mohawk Carpet Mills, Inc. (See Underwood, G. J., and Crawford, assignors.)
- Mohawk Carpet Mills, Inc. (See Jeffs, James A., assignor.)
- Mohawk Carpet Mills, Inc. (See Shuttleworth, Edwin C., assignor.)
- Mohawk Carpet Mills, Inc. (See Shuttleworth, Howard L., assignor.)
- Mohawk Carpet Mills, Inc. (See Underwood, Garfield J., assignor.)
- Mohler, Arthur L., assignor to Hercules Powder Company, Wilmington, Del. Producing hydrated nitrate double salt. 1,910,807; May 23.
- Mohler, Loring L., assignor to CO-2 Appliance Company, Tulsa, Okla. Apparatus for liquefying carbon dioxide. 1,925,492; Sept. 5.
- Mohler, Paul, Seattle, Wash. Air conditioner. 1,927,593; Sept. 19.
- Mohler, Paul, Chicago, and P. Frantz, Sterling, Ill., assignors to Watt Manufacturing Company. Air conditioning apparatus. 1,898,591; Feb. 21.
- Mohler, Valentine J., River Forest, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device frame blank. 1,900,296; Mar. 7.
- Mohler, Valentine J., River Forest, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,900,297; Mar. 7.
- Mohme, Edward H. (See Wylie, E. L., and Mohme.)
- Mohn, Arnold, assignor to Rhodes-Perry-Martin, Inc., St. Louis, Mo. Cleaning fluid. 1,940,688; Dec. 26.
- Mohr, Carl, Los Angeles, Calif. Signal device for vehicles. 1,923,162; Aug. 22.
- Mohr, Charles L., Wilmette, assignor to Mohr Lino-Saw Company, Chicago, Ill. Slug sawing machine. 1,940,178; Dec. 19.
- Mohr, Clark R., Jackson, Mich. Water system. 1,910,707; May 23.
- Mohr, Georg. (See Paschen, P., and Mohr.)
- Mohr, George A., assignor to The Bove and Emmes Machine Tool Company, Cincinnati, Ohio. Lathe apron mechanism. 1,931,801; Oct. 24.
- Mohr, Hubert C., assignor, by mesne assignments, to Packard Electric Corporation, Warren, Ohio. Cable terminal. 1,926,163; Sept. 12.
- Mohr Lino-Saw Company. (See Mohr, Charles L., assignor.)
- Mohr, William J. (See Guthrie, R. G., and Wilbor, assignors.)
- Mohr, William J. (See Miner, Carl S., assignor.)
- Mohun, John L., Omaha, Nebr. Journal box lid. 1,922,597; Aug. 15.
- Moir, William B., Pittsburgh, Pa. Railing for well-hole cars. 1,917,814; July 11.
- Moise, Harmon D., and H. W. Beall, assignors to Vacuum Gauge Company, Sumter, S. C. Liquid level gauge. 1,923,224; Aug. 22.
- Moisseff-Muspratt, Paul, assignor of one-half to Florentine L. Schott, Kingston, Pa. Concrete mine-tunnel timbering structure. 1,909,706; May 16.
- Moister, Martin, Philadelphia, Pa. Electric circuit control device. 1,926,857; Sept. 12.
- Mojonnier Bros. Co. (See Fagan, Lewis E., assignor.)
- Mojonnier Bros. Co. (See Mojonnier, Julius J., assignor.)
- Mojonnier Bros. Co. (See Mojonnier, Timothy, assignor.)
- Mojonnier, Julius J., Oak Park, Ill., assignor to Monjonnier Bros. Co. Distributing conveyer. 1,930,318; Oct. 10.
- Mojonnier, Timothy, Oak Park, Ill., assignor to Mojonnier Bros. Co. Pasteurizer. 1,929,706; Oct. 10.
- Mokler, Russell R., Anacortes, Wash. Vacuum fountain. 1,935,159; Nov. 14.
- Moldaenke, Karl. (See Runne, E., Moldaenke, and Kirst.)
- Moldenhauer, Eric, New York, N. Y. Wedding ring. 1,936,604; Nov. 28.
- Moler, Charles C., assignor to Overhead Door Corporation, Hartford City, Ind. Overhead door construction. 1,908,165; May 9.
- Moler, Harry A. (See Favorite, W. P., and Moler.)
- Molinare, Anthony W., Oak Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Semitrailer and auxiliary support. 1,919,447; July 25.
- Molinari, Vittorio, Milan, Italy, assignor to Bakelite Corporation, New York, N. Y. Purification of phenols. 1,909,546; May 16.
- Moline, Harry O., et al. (See Altemiller, Arthur D., assignor.)
- Moline Malleable Iron Company. (See De Bruyne, Philip C., assignor.)
- Moline Tool Company. (See Hunt, W. P., and Herrstrum, assignors.)
- Moline Tool Company. (See Parkhurst, Clyde E., assignor.)
- Molins, Desmond W., Bexley, England. Manufacturing cigarettes. 1,920,708; Aug. 1.
- Molins, Walter E., London, England. Cigarette making machine. 1,899,628; Feb. 28.
- Molins, Walter E., London, England. Cigarette making machine. 1,920,706; Aug. 1.
- Molins, Walter E., London, England. Cigarette making machine. 1,920,709; Aug. 1.
- Molins, Walter E., Deptford, London, England. Packing machinery. 1,920,707; Aug. 1.
- Molins, Walter E., Deptford, London, England. Tobacco cutting machine. 1,939,511; Dec. 12.
- Molins, Walter E., Deptford, England. Cigarette packing machine. 1,939,512; Dec. 12.
- Molins, Walter E., and G. D. Horgan, Deptford, London, England. Machine for packing cigarettes. 1,899,898; Feb. 28.
- Molins, Walter E., and F. F. Ruau, Deptford, London, England. Apparatus for supplying tobacco to a cigarette making machine. 1,903,931; Apr. 18.
- Molins, Walter E., and Cyril Best, London, England. Cigarette making machinery. 1,921,317; Aug. 8.
- Molins, Walter E., and G. D. Horgan, Deptford, London, England. Machinery for packing cigarettes. 1,923,637; Aug. 22.
- Molins, Walter E., and J. W. Chalmers, Deptford, London, England. Packing machinery. 1,924,045; Aug. 22.
- Molins, Walter E., and J. W. Chalmers, London, England. Machinery for packing cigarettes. 1,926,493; Sept. 12.
- Molins, Walter E., and J. W. Chalmers, London, England. Packing cigarettes and like articles. 1,929,148; Oct. 3.
- Molins, Walter E., F. F. Ruau, G. Dearsley and M. B. Chichester, Deptford, London, England. Tobacco cutting machine. 1,933,181; Oct. 31.
- Molins, Walter E., and J. W. Chalmers, Deptford, London, England, assignors to The American Tobacco Company, New York, N. Y. Package for cigarettes. 1,903,873; Apr. 18.
- Moll, Joseph, Philadelphia, Pa. Perpetual calendar for writing instruments. 1,925,844; Sept. 5.
- Moll, Karl H., and H. Etherington, Milwaukee, and D. F. Smith, Whitefish Bay, assignors to A. O. Smith Corporation, Milwaukee, Wis. Shaft furnace. 1,934,081; Nov. 7.
- Moll, Karl H., and H. Etherington, Milwaukee, and D. F. Smith, Whitefish Bay, assignors to A. O. Smith Corporation, Milwaukee, Wis. Reduction of ore. 1,934,082; Nov. 7.
- Moll, Karl H., Neuwed, Germany, and H. Etherington, assignors to A. O. Smith Corporation, Milwaukee, Wis. Manufacture of steel. 1,934,083; Nov. 7.
- Möller, Alfred. (See Reifurth, O., and Möller.)
- Moller, Edward A., Baltimore, Md. Auger guide. 1,919,900; July 25.
- Möller, Fritz, Duisburg, Germany. Metal cutting machine. 1,934,202; Nov. 7.
- Moller, Herbert, assignor to Indiana Glass Company, Dunkirk, Ind. Plate or similar article. Des. 90,374; July 25.
- Moller, Herbert, assignor to Indiana Glass Company, Dunkirk, Ind. Bowl or similar article. Des. 90,375; July 25.
- Möller, Karl, Berlin-Siemensstadt, Blockwerk, assignor, by mesne assignments, to Vereinigte Eisenbahn-Signalwerke, G. m. b. H., Berlin-Siemensstadt, Germany. Shunting system. 1,921,395; Aug. 8.
- Moller, M. P., Inc. (See Burton, Henry E., assignor.)

- Möller, Olov, Fingspong, Sweden. Turbine with radial admission. 1,914,752; June 20.
- Möller, Waldemar, Berlin-Charlottenburg, assignor to Askania-Werke Aktiengesellschaft, Berlin-Friedenau, Germany. Steering apparatus for aircraft. 1,900,516; Mar. 7.
- Möller, Waldemar, Berlin-Charlottenburg, assignor to Askania-Werke Aktiengesellschaft, Berlin-Friedenau, Germany. Measuring apparatus. 1,905,401; Apr. 25.
- Möller, Waldemar, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. Fluid pressure governing device for measuring systems. 1,938,492; Dec. 5.
- Mollet, Samuel J., Massillon, Ohio. Inking mechanism. 1,920,424; Aug. 1.
- Molls, William, Turtle Lake, Wis. Trap. 1,911,919; May 30.
- Molnar, Nicholas M. (See De Nagy, Bela, assignor.)
- Moloney Electric Company. (See Barrington, Frederick H., assignor.)
- Moloney, Raymond T., Chicago, Ill. Beverage dispensing unit. Des. 90,675; Sept. 12.
- Moloney, Raymond T., Chicago, Ill. Game apparatus. Des. 90,923; Oct. 24.
- Moloney, William, Hamilton Beach, N. Y. Foot rest device. 1,901,184; Mar. 14.
- Moloney, William J., Seattle, Wash. Log carrying barge. 1,901,877; Mar. 21.
- Molter, William H. (See Kissel, Ralph V., assignor.)
- Molter, Wm. H., Company. (See Wallis, Zella, assignor.)
- Mommertz, Peter A., and F. Lenze, Mulheim-Ruhr-Styrum, Germany. Derrick with hauling engine installation for shaft plants with high conveying and rope speeds. 1,939,220; Dec. 12.
- Momsen, Charles B., St. Paul, Minn., C. L. Tibbals, Fort Wayne, Ind., and F. M. Hobson, Birmingham, Ala. Apparatus for supplying respirable atmosphere under abnormal respiratory conditions. 1,935,655; Nov. 21.
- Monaco, Joseph, New York, N. Y. Indoor clothesline extension. 1,893,432; Jan. 3.
- Monarch Governor Company. (See Hufford, Raymond, assignor.)
- Monarch Investment Company Limited (a trust estate). (See Kutzner, James C., assignor.)
- Monarch Machine Tool Company, The. (See Bickel, Clifford A., assignor.)
- Monarch Machine Tool Company, The. (See Bickel, C. A., and Abe, assignors.)
- Monarch Marking System Co., The. (See Kohnle, Frederick, assignor.)
- Monarch Products Co., The. (See Nauts, Frank A., assignor.)
- Monarch Tool & Manufacturing Company, The, et al. (See Hall, Louis M., assignor.)
- Monarch Tool & Manufacturing Company, The. (See Hall, L. M., and McCreary, assignors.)
- Monarch Tool & Manufacturing Company, The. (See Tratsch, Walter A., assignor.)
- Monarch Trunk Company. (See Hossfeld, Harry E., assignor.)
- Monark Battery Company. (See Henry, Harry H., assignor.)
- Monark Battery Company. (See Radle, Henry J., assignor.)
- Moncher, Walter. (See Nosik, William A. and R. J., Krocka, and Moncher.)
- Monchiero, Louis E., New York, and R. Mercantini, Brooklyn, N. Y. Combined table and seat. 1,938,345; Dec. 5.
- Monckmeier, Gustav C., Tipton, Iowa. Bearing cap finishing device. 1,934,729; Nov. 14.
- Monerleff, John, Limited. (See McNish, Alexander F., assignor.)
- Mond, Albert L., London, England, assignor by mesne assignments, to Magnesium Development Corporation. Producing castings of magnesium and high grade magnesium alloys. 1,895,639; Jan. 31.
- Mondloch, Isidore M., Henry, S. Dak. Wheel and rim holder for automobiles. 1,937,833; Dec. 5.
- Mondschein & Speier et al. (See Grosz, Karl, assignor.)
- Moness, Eugene. (See Christiansen, W. G. Jones, and Moness.)
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator cabinet. Des. 90,291; July 11.
- Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerator construction. 1,939,914; Dec. 19.
- Mong, Fern, Greenville, Ohio. Nozzle support. 1,893,241; Jan. 3.
- Monge, Michael A., Bronx Heights, and L. P. Villalba, New York, N. Y. Railroad crossing gate. 1,941,017; Dec. 26.
- Monite Explosives, Inc. (See Pritchett, G. A., and Walker, assignors.)
- Monitor Controller Company. (See Whittingham, George H., assignor.)
- Monk, Charles J., and E. F. Rendell, assignors to The Victoria Falls and Transvaal Power Company, Limited, Johannesburg, Transvaal, Union of South Africa. Automatic isolation of parallel three-phase electric power transmission lines. 1,897,009; Feb. 7.
- Monk, Howard H., assignor to Nelson Knitting Company, Rockford, Ill. Carton. 1,926,299; Sept. 12.
- Monk, Newton. (See Espenschied, L., and Monk.)
- Monks, George R., San Francisco, Calif. Pin safety catch. 1,927,243; Sept. 19.
- Monmouth Products Company. (See Smith, Charles C., assignor.)
- Monogram Lens Corporation. (See Arbuckle, Samuel F., assignor.)
- Monomelt Company, The. (See Olander, Leonard G., assignor.)
- Monopoli, Guglielmo, Stoke, Nelson, New Zealand. Wire tie and forming same. 1,929,929; Oct. 10.
- Monopoli, Guglielmo, Stoke, Nelson, New Zealand. Wire binding and tying machine. 1,929,930; Oct. 10.
- Monopulse Teletype Corporation. (See Brownstein, Louis, assignor.)
- Monowatt Electric Corporation, The. (See Clemence, Elliott, assignor.)
- Monrad, George E. (See Ring, H. B., and Monrad.)
- Monrad, Karl J., Little Falls, N. Y. Sweetened and flavored dessert made with rennin. 1,902,415; Mar. 21.
- Monro, Alexander, and R. T. Wawn, Sydney, and M. Anderson, Randwick, near Sydney, New South Wales, Australia. Pressure regulating means for use in inflating and deflating pneumatic tires or the like. 1,915,899; June 27.
- Monro, Randolph, Edgewood, Md. Drinking mask. 1,903,831; Apr. 18.
- Monroe Auto Equipment Company. (See Nickelsen, John M., assignor.)
- Monroe Calculating Machine Company. (See Bricken, John, assignor.)
- Monroe Calculating Machine Company. (See Britten, Edwin F., Jr., assignor.)
- Monroe Calculating Machine Company. (See Brown, Lee R., assignor.)
- Monroe Calculating Machine Company. (See Chase, George C., assignor.)
- Monroe Calculating Machine Company. (See Enders, Hugo F., assignor.)
- Monroe Calculating Machine Company. (See Hilder, Stuart, assignor.)
- Monroe Calculating Machine Company. (See Walter, Edward C., assignor.)
- Monroe, Edward R., Bay City, assignor of one-fourth to C. G. McPherson, Black River, Mich. Hydraulic clutch. 1,905,041; Apr. 25.
- Monroe, Kaplan. (See Smith, A. K., and Gargano, assignors.)
- Monroe, Kenneth C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Electric heading machine and control therefor. 1,940,264; Dec. 19.
- Monroe, Ralph E., Camp Verde, Ariz. Johnson grass root digger. 1,909,211; May 16.
- Monroe, Ronald R., Des Moines, Iowa. Barrel drain stand. 1,933,382; Oct. 31.
- Monroe, Stanley G., and F. Shepherd, Akron, Ohio. Fly swatter. Des. 90,590; Aug. 29.
- Monroe, William S., Chicago, Ill. Boiler. 1,903,515; Apr. 11.
- Monsanto Chemical Company. (See Bertsch, Johann A., assignor.)
- Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
- Monsanto Chemical Company. (See Carswell, T. S., and Gump, assignors.)
- Monsanto Chemical Company. (See Clemmensen, Erik, assignor.)
- Monsanto Chemical Company. (See Clemmensen, E., and Miller, assignors.)
- Monsanto Chemical Company. (See Conover, Courtney, assignor.)
- Monsanto Chemical Company. (See Hadjopoulos, Lazarus G., assignor.)
- Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
- Monsanto Chemical Company. (See Kyrides, L. P., and Bertsch, assignors.)
- Monsanto Chemical Company. (See Luthy, Max, assignor.)
- Monsanto Chemical Company. (See Mares, Joseph R., assignor.)
- Monsanto Chemical Company. (See Nickell, Lloyd F., assignor.)
- Monsanto Chemical Company. (See Thomas, Benjamin E., assignor.)
- Monsanto Chemical Works. (See Carswell, T. S., Stehlby, and Alozerij, assignors.)
- Monsanto Chemical Works. (See Conover, Courtney, assignor.)
- Monsanto Chemical Works. (See Crawford, J. W. C., and Willson, assignors.)
- Monsanto Chemical Works. (See Davis, Alex B., assignor.)
- Monsanto Chemical Works. (See Dvornikoff, Michael N., assignor.)
- Monsanto Chemical Works. (See Livingston, John W., assignor.)
- Monsanto Chemical Works. (See Luthy, M., and Thomas, assignors.)
- Monson, Axel A., and A. Shapiro, assignors to Universal Stamping & Mfg. Co., Chicago, Ill. Rewinding mechanism for cinematographs. 1,912,153; May 30.
- Monson, Edwin G., and H. E. Cullen, Minneapolis, Minn., assignors to MacGillis & Gibbs Company, Milwaukee, Wis. Pole puncturing machine. 1,894,049; Jan. 10.

- Monson, Heimer W., Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Metal shipping container. 1,911,767; May 30.
- Monson, Louis T. (See De Grootte, M., and Monson.)
- Monson, Louis T. (See DeGrotte, M., Monson, and Wirtel.)
- Montan, Adolf, Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Rake. 1,933,636; Nov. 7.
- Montanye, Carlyle N., Baltimore, Md. Combined advertising and calendar support. Des. 90,546; Aug. 22.
- Montanye, Carlyle N., Baltimore, Md. Calendar stand. 1,931,205; Oct. 17.
- Montague, P. (See Helton, Glen, assignor.)
- Monteith, Charles N., J. Kylstra, and R. J. Minshall, assignors to Boeing Airplane Company, Seattle, Wash. Pursuit airplane. Des. 88,978; Jan. 10.
- Monteith, John C., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle bumper. 1,898,256; Feb. 21.
- Montelius, Carl Oscar Josef, assignor to Aktiebolaget Imoindustrie, Stockholm, Sweden. Manufacturing screws. 1,918,861; July 18.
- Montero, Bruno, Los Angeles, Calif. Engine. 1,895,082; Jan. 24.
- Montgomery, Bo G., Djursholm, assignor to Aktiebolaget Oryg, Gottenborg, Sweden. Sharpening apparatus for razor blades. 1,910,305; May 23.
- Montgomery, Bo Gabriel, Djursholm, assignor to Aktiebolaget Oryg, Gottenborg, Sweden. Razor sharpening device. 1,940,365; Dec. 19.
- Montgomery Company, The. (See Firtion, Harold L., assignor.)
- Montgomery Company, The. (See Wallace, Samuel, assignor.)
- Montgomery, Duncan B. (See Miles, H. D., and Montgomery.)
- Montgomery, Edmund, Detroit, Mich., assignor to Societe du Carburateur Zenith, Lyon, France. Carburetor. 1,906,278; May 2.
- Montgomery, George F., Washington, D. C. Attachment for reproducing machines. 1,917,269; July 11.
- Montgomery, Gustavus A., Dallas, Tex. Torsion and coupling controlling device. 1,897,322; Feb. 14.
- Montgomery, Gustavus A., Dallas, Tex. Rotary drive bushing. 1,936,139; Nov. 21.
- Montgomery, H. B. (See Tatro, Lysle G., assignor.)
- Montgomery, Harry, assignor to The Greenwich Inlaid Linoleum (Frederick Walton's New Patents) Company Limited, London, England. Manufacture of inlaid linoleum and the like. 1,896,967; Feb. 7.
- Montgomery, Henry S., South Pasadena, Calif., assignor of one-half to H. A. Brassert & Company, Chicago, Ill. Filtering material and preparing the same. 1,939,860; Dec. 19.
- Montgomery, James E., et al. (See Carton, Lee C., assignor.)
- Montgomery, James L., A. J. Tarbell, and E. H. Irwin, Long Beach, Calif. Rotary bit. 1,939,131; Dec. 12.
- Montgomery, Jay H., San Gabriel, assignor to Vortex Wing Corporation, Los Angeles, Calif. Aeroplane aerofoil wing. 1,910,626; May 23.
- Montgomery, John R. (See Schaffert, A. H., and Montgomery.)
- Montgomery, Oifton D., Amarillo, Tex., assignor to The Texas Company, New York, N. Y. Cleaning device. 1,929,387; Oct. 3.
- Montgomery, Samuel A., and J. A. Hubbard, Wood River, assignors to Standard Oil Company (Indiana), Chicago, Ill. Sulphuric acid concentration. 1,906,399; May 2.
- Montgomery, Samuel E., Tate, Ga. Damper control. 1,895,202; Jan. 24.
- Montgomery, Thomas. (See Ewing, C. R., and Montgomery.)
- Montgomery Ward & Co. (See Heaton, Nathan C., assignor.)
- Montgomery Ward & Co. (See Knapp, Leland G., assignor.)
- Montgomery Ward & Co. (See Knapp, L. G., and Roth, assignors.)
- Montgomery Ward & Company. (See Maibach, John J., assignor.)
- Montgomery, William P., assignor of one-fourth to L. E. Curtis, Jr., and one-fourth to J. M. Harwirk, Allentown, Pa. Cable splicing device. 1,926,297; Sept. 12.
- Montigel, James R., Redlands, Calif. Plastic pipe forming machine. 1,924,798; Aug. 29.
- Montinerello, James V., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Binder sheet fastening. 1,927,668; Sept. 19.
- Montmarquet, Joseph L., Caldwell, N. J. Athletic girdle. 1,936,336; Nov. 21.
- Moodie, Duncan M., et al. (See Wendell, Herman E., assignor.)
- Moody, Dwight L. (See Newby, N. D., and Moody.)
- Moody, Everett L., Muncie, Ind. Derrick. 1,915,900; June 27.
- Moody, Graham B., et al. (See McCarty, Madison P., assignor.)
- Moody, Lewis F., Philadelphia, Pa. Reversible pump turbine. 1,919,376; July 25.
- Moody, Lewis F., Philadelphia, Pa., assignor, by mesne assignments, to I. P. Morris & De La Vergne, Incorporated. Hydraulic turbine. 1,929,098; Oct. 3.
- Moody, Lewis F., Philadelphia, Pa., assignor, by mesne assignments, to I. P. Morris & De La Vergne, Incorporated. Hydraulic turbine. 1,929,100; Oct. 3.
- Moody, Lewis F., Princeton, N. J. Air inlet control and operating a pump turbine. 1,941,361; Dec. 26.
- Moody, Maxey D. (See Albertson, William E., assignor.)
- Moody, Ralph G., U. S. Navy. Restoring worn packing lands. 1,911,460; May 30.
- Moody, Ralph O. (See Jorgenson, A. R., and Moody.)
- Moody, Virginus W., Long Branch, N. J., assignor to Reynolds Research Corporation, New York, N. Y. Insulating unit. 1,938,925; Dec. 12.
- Moody, William F., Romsey, England. Folding scissors. 1,935,812; Nov. 21.
- Moore, Edward P., Watertown, Mass. Boring tool fixture. 1,939,786; Dec. 19.
- Moog, Shulman A., assignor to St. Louis Spring Company, St. Louis, Mo. Display rack. 1,929,602; Oct. 10.
- Moog, Shulman A., assignor to St. Louis Spring Company, St. Louis, Mo. Display rack. 1,932,634; Oct. 31.
- Moog, Shulman A., assignor to St. Louis Spring Company, St. Louis, Mo. Display rack. 1,938,970; Dec. 12.
- Moon, Alva H., assignor to The American Rolling Mill Company, Middletown, Ohio. Shipping sheet bars and analogous metal pieces. 1,925,595; Sept. 5.
- Moon, Alva H., assignor to The American Rolling Mill Company, Middletown, Ohio. Protected package for the shipment of sheet metal. 1,932,558; Oct. 31.
- Moon, John W., assignor to Fretz-Moon Tube Company, Inc., Butler, Pa. Apparatus and process for conveying coated articles from a galvanizing tank. 1,906,400; May 2.
- Moon, John W., assignor to Fretz-Moon Tube Company, Inc., Butler, Pa. Apparatus for manufacturing tubing. 1,918,772; July 18.
- Moonbeam Manufacturing Company, The. (See David, Bruce W., assignor.)
- Moone, Albert E. F., Chicago, Ill., assignor to The Lehon Company. Strip shingle. Des. 89,783; May 2.
- Moone, Albert E. F., Chicago, Ill., assignor to The Lehon Company. Shingle strip. 1,913,768; June 13.
- Moone, Albert E. F., assignor to Lehon Corporation, Chicago, Ill. Machine for handling shingles. 1,915,376; June 27.
- Moone, Albert E. F., Chicago, Ill., assignor to The Lehon Company. Printing and slitting device. 1,923,946; Aug. 22.
- Moone, Albert E. F., assignor to Orenda Corporation, Chicago, Ill. Machine for making packing material. 1,924,873; Aug. 29.
- Moone, Albert E. F., assignor to Lehon Company, Chicago, Ill. Building strip. 1,931,554; Oct. 24.
- Mooney, Ernest, York, England. Lubricating device for railway vehicle axles. 1,908,913; May 16.
- Mooney, Fred L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-pressing machine. 1,939,716; Dec. 19.
- Mooney, Thomas F., New Lexington, Ohio, assignor to Ludowici-Celadon Company, Chicago, Ill. Method and machine for extruding plastics. 1,898,381; Feb. 21.
- Mooney, Thomas F., New Lexington, Ohio, assignor to Ludowici-Celadon Company, Chicago, Ill. Machine for manufacturing ceramic objects. 1,899,974; Mar. 7.
- Moorby, John S., Toronto, Ontario, Canada. Antiglare device for rear view mirrors. 1,909,302; May 16.
- Moore, Alpheus M., Somerset, Pa. Displaying machine for show rooms, show windows, and the like. 1,897,271; Feb. 14.
- Moore, Arlington, assignor to Maxmoor Corporation, New York, N. Y. Fuel metering control for internal combustion engines. 1,893,297; Jan. 3.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Intake manifold. 1,901,763; Mar. 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Supplying and mixing charges for internal combustion engines. 1,901,847; Mar. 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Charge forming apparatus for internal combustion engines. 1,901,848; Mar. 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Fueling internal combustion engines. 1,901,849; Mar. 14.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Combustion chamber construction. 1,905,805; Apr. 25.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Combustion chamber construction. 1,913,310; June 6.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Supplying the fuel component to internal combustion engines. 1,926,010; Sept. 5.
- Moore, Arlington, assignor, by mesne assignments, to Maxmoor Corporation, New York, N. Y. Combustion chamber construction. 1,928,597; Sept. 26.
- Moore, Arthur J. (See Nelson, J. B., and Moore.)
- Moore, Arthur M., Goshen, N. Y. Eaves-trough clamping tool. 1,924,799; Aug. 29.

- Moore, Chadwick H., London, England. Loose leaf binder 1,900,840; Mar. 7.
- Moore, Charles A., Edina, Minn. Refrigerator. 1,900,576; Mar. 7.
- Moore, Charles A., Edina, Minn. Refrigerator. 1,900,579; Mar. 7.
- Moore, Charles A., Edina, Minn. Ventilated refrigerator. 1,900,580; Mar. 7.
- Moore, Charles G., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Cleaning composition. 1,940,558; Dec. 19.
- Moore, Charles G., Lakewood, and M. Zucker, assignors to The Glidden Company, Cleveland, Ohio. Synthetic resin and method of making. 1,915,544; June 27.
- Moore, Charles G., and E. H. Drake, Lakewood, assignors to The Glidden Company, Cleveland, Ohio. Synthetic resin and process of making. 1,922,743; Aug. 15.
- Moore, Charles R. (See Hayford, W. S., and Moore.)
- Moore, Chester M., Wakefield, Mass. Lath. 1,908,166; May 9.
- Moore, Clarence W. (See Kulicke, F. W., Butler and Moore.)
- Moore, Clarence W., Roslyn, Pa., assignor to Ritter Dental Manufacturing Company, Rochester, N. Y. Fountain cuspidor. 1,901,319; Mar. 14.
- Moore Company, The. (See Wunderlich, William E., assignor.)
- Moore Corporation, The. (See Gil, Irving, assignor.)
- Moore, Daniel M., East Orange, N. J., assignor to General Electric Company. Gaseous conduction lamp. 1,900,577; Mar. 7.
- Moore, Daniel M., East Orange, N. J., assignor to General Electric Company. Gaseous discharge device. 1,900,578; Mar. 7.
- Moore, David P., et al. (See Fricker, Carl J., assignor.)
- Moore, David P., Avon Park, Fla. Apparatus for and making knitted pile fabrics. 1,894,596; Jan. 17.
- Moore, David P., Avon Park, Fla. Combined sunshade and headrest. 1,921,984; Aug. 8.
- Moore, David P., Avon Park, Fla., assignor to General Talking Pictures Corporation, New York, N. Y. Sound recording. 1,932,982; Oct. 31.
- Moore Drop Forging Company. (See Cross, Samuel C., assignor.)
- Moore Drop Forging Company. (See Morris, Albert W., assignor.)
- Moore, Edgar D., assignor to The Ohio Brass Company, Mansfield, Ohio. Circuit breaker. 1,939,132; Dec. 12.
- Moore, Edmund W., assignor to General Railway Signal Company, Rochester, N. Y. Light signal. 1,918,480; July 18.
- Moore, Edward, Newark, N. J., and F. Engel, Brooklyn, N. Y., assignors to A. D. T. Libby, East Orange, N. J. Internal combustion engine. 1,921,955; Aug. 8.
- Moore, Emma E., Warren, Ohio. Pie sealer. 1,903,682; Apr. 11.
- Moore, Emmett B., Evanston, Ill. Hose nozzle. 1,893,298; Jan. 3.
- Moore, Emmett B., Evanston, Ill. Pressure controlled valve. 1,905,042; Apr. 25.
- Moore, Emmett B., Evanston, Ill. Auxiliary tire valve. 1,928,069; Sept. 26.
- Moore, Emmett B., Evanston, Ill. Valve. 1,928,070; Sept. 26.
- Moore, Emmett B., Evanston, Ill. Valve. 1,934,871; Nov. 14.
- Moore, Frederick Joseph. (See Jones, D. T., and Moore.)
- Moore, Frederick T., East Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Cooling system for firearms. 1,919,242; July 25.
- Moore, Frederick T., East Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Reversible feed mechanism for machine-guns. 1,936,254; Nov. 21.
- Moore, George C., Company. (See Moore, Harold Q., assignor.)
- Moore, George C., Company. (See Moore, Thomas F., assignor.)
- Moore, George D., and J. F. Beaumont, Worcester, Mass. Mixing device. 1,910,929; May 23.
- Moore, George E. (See Tompkins, John J., assignor.)
- Moore, George F., East Tampa, Fla. Gypsum plaster and making same. 1,937,292; Nov. 28.
- Moore, George F., Tampa, Fla., assignor to U. S. Phosphoric Products Corporation, New York, N. Y. Preparing phosphoric acid. 1,910,808; May 23.
- Moore, George F., Tampa, Fla., assignor to U. S. Phosphoric Products Corporation, New York, N. Y. Manufacture of phosphoric acid. 1,940,689; Dec. 26.
- Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Chromium plated article and making the same. 1,923,790; Aug. 22.
- Moore, George L., assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 1,927,611; Sept. 19.
- Moore, George L., assignor to Alomite Corporation, Chicago, Ill. Lubricating apparatus. 1,935,886; Nov. 21.
- Moore, George L. and J. R. Steele, Oswego, N. Y. Rail anchor. Re18,864; June 13.
- Moore, George L. and J. R. Steele, Oswego, N. Y. Rail anchor. 1,941,103; Dec. 26.
- Moore, Harold, London, England, assignor to Jenkins Petroleum Process Company, Chicago, Ill. Deplegator or bubble tower. 1,915,746; June 27.
- Moore, Harold Q., assignor to George C. Moore Company, Westerly, R. I. Adjustable garment supporter. 1,920,876; Aug. 1.
- Moore, Harold T., assignor to Tuthill Spring Company, Chicago, Ill. Road guard. Re18,848; May 30.
- Moore, Harry B., Rocky Mount, N. C. Grinding machine. 1,933,677; Nov. 7.
- Moore, Harry C., assignor to Armour Fertilizer Works, Chicago, Ill. Fertilizer manufacture. 1,931,768; Oct. 24.
- Moore, Harry E. (See Himmelberger, William H., assignor.)
- Moore, Harry G., Los Angeles, Calif. Inlaid art material and manufacturing the same. 1,910,904; May 23.
- Moore, Harry H., R. A. Webster, and H. H. Little, Washington, D. C. Method and apparatus for testing hollow articles. 1,909,703; May 16.
- Moore, Henry A. (See Stuart, T. F., and Moore.)
- Moore, Herald R., Fort Wayne, Ind. Piece placer and puller attachment for lathes. 1,896,366; Feb. 7.
- Moore, Ida L., Long Beach, Calif. Table support for reading matter. 1,900,251; Mar. 7.
- Moore, Irwin T., Livermore, Calif. Windmill. 1,915,689; June 27.
- Moore, James L., Middleboro, Ky. Marking surfaces. 1,895,045; Jan. 24.
- Moore, James W., West New York, N. J. Protection booth. 1,916,524; July 4.
- Moore, James W., assignor to American Cast Iron Pipe Company, Birmingham, Ala. Gasket or packing structure. 1,930,766; Oct. 17.
- Moore, Jess G., Los Angeles, Calif. Sterilizer. 1,905,566; Apr. 25.
- Moore, John C., Brooklyn, N. Y. Translucent pyrotechnic device. 1,899,518; Feb. 28.
- Moore, John H., Detroit, Mich. Hanger clamp. 1,896,456; Feb. 7.
- Moore, John H., Detroit, Mich., assignor to A. A. Ruen. Wire straightening and cutting machine. 1,925,845; Sept. 5.
- Moore, John J. (See Ackerman, E. L., and Moore.)
- Moore, John J., Newport, R. I., assignor to The Government of the United States. Torpedo. 1,935,126; Nov. 14.
- Moore, John W., assignor to The Autofont Company, Detroit, Mich. Dispensing apparatus. 1,893,632; Jan. 10.
- Moore, Joseph G., et al. (See Krause, A. M., and Rounds, assignors.)
- Moore, Kenneth W., Dearborn, Mich. Sun visor for automobiles. 1,928,184; Sept. 26.
- Moore, Lee, Roanoke, Va. Tool rack. 1,914,276; June 13.
- Moore, Lee C., & Company. (See Henry, Charles L., assignor.)
- Moore, Lou Q., Pueblo, Colo. Car seal. 1,913,814; June 13.
- Moore, Louis V. (See McClaughry, R. S., and Moore.)
- Moore, Loyal C., Sacramento, Calif. Fire fighting apparatus. 1,926,298; Sept. 12.
- Moore, Matthew S., Malvern Link, assignor of one-half to M. F. Higgins, Worcester, England. Mining machine. 1,930,016; Oct. 10.
- Moore, Matthew S., Malvern Link, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Cutter pick unit. 1,938,530; Dec. 5.
- Moore, Morris C. (See Nicols, A. C., and Moore.)
- Moore, Norman E., Batavia, N. Y. Shirt protector. 1,916,328; July 4.
- Moore Push-Pin Company. (See Schlosser, Henry W., assignor.)
- Moore Push Pin Company. (See Siegrist, Adolph, assignor.)
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch. 1,895,892; Jan. 31.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch. 1,895,893; Jan. 31.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch. 1,895,894; Jan. 31.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,931,850; Oct. 24.
- Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Hood catch. 1,934,137; Nov. 7.
- Moore, Raymond G., Bridgeport, and A. Claud-Mantle, Trumbull, assignors to The Bassick Company, Bridgeport, Conn. Sheet metal handle for hood catches or the like. 1,916,113; June 27.
- Moore, Robert A., Cleveland, assignor of one-tenth to W. J. Wesseler, East Cleveland, Ohio. Surface coating apparatus. 1,934,552; Nov. 7.
- Moore, Robert B., Chicago, Ill. Hot water distribution fitting. 1,925,398; Sept. 5.
- Moore, Robert E., assignor to Bell & Gossett Company, Chicago, Ill. Hot water heating device. 1,908,042; May 9.
- Moore, Robert L. (See Spear, E. B., and Moore.)
- Moore, Robert S., Silver Spring, Md., assignor to General Airmotors Company, Scranton, Pa. Internal combustion engine. 1,915,237; June 20.
- Moore, Roy C. (See Morreale, O., and Guarino, assignors.)
- Moore, Roy S., Chicago, Ill. Crane. 1,940,690; Dec. 26.
- Moore, Samuel, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Condenser unit for refrigerating apparatus. 1,900,865; Mar. 7.
- Moore Shank Company. (See Bergholtz, Carl A., assignor.)

- Moore Shank Company. (See Paxinos, Andrew, assignor.)
- Moore, Stanley C. and F. E. Bowker, assignors to The Dura Company, Toledo, Ohio. Protecting ferrous metals. 1,931,704; Oct. 24.
- Moore Steam Turbine Corporation. (See Church, Maynard B., assignor.)
- Moore, Stewart L., Jr., assignor to Locke Insulator Corporation, Baltimore, Md. Releasing clamp. 1,935,573; Nov. 14.
- Moore, Stuart, assignor to Dixie Wax Paper Company, Inc., Dallas, Tex. Uniting wax fabrics. 1,940,559; Dec. 19.
- Moore, Stuart, assignor to Dixie Wax Paper Company, Inc., Dallas, Tex. Paper bag making machine. 1,940,560; Dec. 19.
- Moore, Stuart, assignor to Dixie Wax Paper Company, Inc., Dallas, Tex. Apparatus for uniting wax paper. 1,940,561; Dec. 19.
- Moore, Thomas E., assignor to Ransom & Randolph Company, Toledo, Ohio. Method of making dental castings and composition employed in said method. 1,924,874; Aug. 29.
- Moore, Thomas F., Morris Plains, N. J. Hole punching device. 1,906,706; May 2.
- Moore, Thomas F., Morris Plains, N. J. Float valve for hydraulic pumping systems. 1,940,007; Dec. 19.
- Moore, Thomas F., assignor to George C. Moore Company, Westerly, R. I. Elastic fabric. 1,896,783; Feb. 7.
- Moore, Thomas V. and H. D. Wilde, Jr., Houston, Tex., assignors to Standard Oil Development Company. Gas and liquid separator. 1,915,436; June 27.
- Moore, Wallace F., assignor to The American Hardware Corporation, New Britain, Conn. Doorcheck. 1,929,251; Oct. 3.
- Moore, Walter R., East Orange, N. J., assignor to The Billings & Spencer Company. Pipe wrench. 1,933,512; Oct. 31.
- Moore, William. (See Buchanan, G. H., and Moore.)
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace and resistance element therefor. 1,915,747; June 27.
- Moore, William E., Pittsburgh, Pa., assignor to Pittsburgh Research Corporation. Treating metals. 1,937,064; Nov. 28.
- Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Induction furnace and operating the same. 1,937,065; Nov. 28.
- Moore, William F., Flushing, assignor to The Texas Company, New York, N. Y. Flow divider. 1,905,733; Apr. 25.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic shock absorber. 1,903,377; Apr. 4.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Combination clutch and brake control mechanism. 1,903,378; Apr. 4.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,903,595; Apr. 11.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,607; Apr. 11.
- Moorhouse, Alfred, assignor, by mesne assignments, to Milton Tibbetts, Detroit, Mich., as trustee. Spring suspension for motor vehicles. 1,907,853; May 9.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber. 1,908,996; May 16.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,918,481; July 18.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic shock absorber. 1,920,098; July 25.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,920,425; Aug. 1.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,923,225; Aug. 22.
- Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Clutch. 1,936,685; Nov. 28.
- Moorhouse, John H., assignor, by mesne assignments, to Salvatore Condello, Rochester, N. Y. Electrical plug. 1,897,323; Feb. 14.
- Moorhouse, William R., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dyeing process. 1,899,975; Mar. 7.
- Moork, Alfred C., assignor of one-half to D. G. Corbett, Chicago, Ill. Rake. 1,936,800; Nov. 28.
- Moorman, Charles L., Blue Island, Ill. Golf tee. 1,923,682; Aug. 22.
- Moorman Manufacturing Company. (See Caldwell, Paul, assignor.)
- Moorshead, Thomas C. and F. A. Hurlbut, assignors to The United Glass Bottle Manufacturers Limited, London, England. Glass furnace. 1,907,361; May 2.
- Moos, Frank. (See Walker, W. R., and Moos.)
- Moos, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Electricity meter. 1,910,035; May 23.
- Moosherr, John, assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. Des. 89,551; Mar. 28.
- Mooy, Harold P. (See Bower, B. F., and Mooy.)
- Mooz, Wilhelm, Stassfurt, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Filter candle. 1,922,315; Aug. 15.
- Moponnier, Julius J., Oak Park, Ill., assignor to Moponnier Bros. Co. Distributing conveyer. 1,930,318; Oct. 10.
- Morack, Marvin M. (See Sabuah, C. A., and Morack.)
- Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system and excitation apparatus therefor. 1,939,458; Dec. 12.
- Morain, Clifford F., West Tulsa, Okla. Pipe coating machine. 1,909,882; May 16.
- Moraine Products Company. (See Davis, James H., assignor.)
- Moraine Products Company. (See Greenhoe, Claude, assignor.)
- Moraine Products Company, The. (See Short, Charles R., assignor.)
- Moraine Products Company, The. (See Short, C. R., and Koehring, assignors.)
- Moraine Products Company, The. (See Short, C. R., and Morton, assignors.)
- Moran, Andrew P., et al. (See Mort, Charles S., assignor.)
- Moran, Daniel E., Mendham, N. J. Sinking foundation. 1,907,854; May 9.
- Moran, Daniel J., assignor to Continental Oil Company, Ponca City, Okla. Gate valve. 1,901,255; Mar. 14.
- Moran, Daniel J., New York, N. Y., and E. O. Bennett, Ponca City, Okla. Gate valve assembly. 1,941,443; Dec. 26.
- Moran, Daniel J., and E. O. Bennett, assignors to Continental Oil Company, Ponca City, Okla. Pipe line pump assembly. 1,908,627; May 9.
- Moran, Daniel J., and E. O. Bennett, assignors to Continental Oil Company, Ponca City, Okla. Multistage centrifugal pump. 1,941,442; Dec. 26.
- Moran, John A., New York, N. Y. Food. 1,898,885; Feb. 21.
- Moran, John J., and J. W. Quick, New Orleans, La. Dispensing device. 1,892,992; Jan. 3.
- Moran, John L., and A. J. Lee, assignors of one-fourth to F. E. P. Wilder, Spokane, Wash., and one-fourth to R. Malcom, Chicago, Ill. Goggles. 1,916,630; July 4.
- Moran, Joseph F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight switch. 1,932,352; Oct. 24.
- Moran, Samuel J., Los Angeles, Calif. Equalizing device. 1,912,537; June 6.
- Moran, William G., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Vapor electric device. 1,895,858; Jan. 31.
- Morand, Edmund E., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 1,913,637; June 13.
- Moravec, Richard. (See Engs, W., and Moravec.)
- Moravec, Richard Z. (See Engs, W., and Moravec, assignors.)
- Morawski, Adolf, et al. (See Golon, F. M., Morawski, and Krason.)
- Moray, Jere C., New York, N. Y. Shooting game. 1,929,327; Oct. 3.
- Morck, Ernst C., San Francisco, Calif. Brush container. 1,931,293; Oct. 17.
- Morden, Charles W., assignor to Morden Machines Company, Portland, Oreg. Pulp treating machine. 1,915,862; June 27.
- Morden Machines Company. (See Morden, Charles W., assignor.)
- Morden, Stephen R., San Francisco, Calif. Collar support. 1,904,506; Apr. 18.
- More, Albert E., Portland, Oreg. Door holding device. 1,898,562; Feb. 21.
- More, John E., San Francisco, Calif. Display card. 1,899,421; Feb. 28.
- Moreau, Albert L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,912,909; June 6.
- Morecroft, John H., Palisade, N. J. Electrical measuring instrument. 1,895,812; Jan. 31.
- Morehead, French H. (See Brungardt, A. C., Morehead, and Morrissey.)
- Morehead, French H., Brookline, assignor to Walworth Patents Inc., Boston, Mass. Sealing device. 1,926,107; Sept. 12.
- Morehouse, Cyrus E., Clifton Heights, Pa. Easel type loose leaf binder. 1,918,773; July 18.
- Morehouse, Cyrus E., Clifton Heights, assignor to National Publishing Company, Philadelphia, Pa. Loose leaf binder. 1,922,691; Aug. 15.
- Morehouse, Silas A., Los Angeles, Calif. Windshield cleaner device for airplanes. 1,902,254; Mar. 21.
- Morehouse, Terry B., Washington, D. C. Rolled tube and method and apparatus for producing same. 1,926,628; Sept. 12.
- Moreines, Morris, Newark, N. J. Safety switch cabinet. 1,910,036; May 23.
- Moreira, Salvador, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Rail bond and making same. 1,933,444; Oct. 31.
- Morel, Cornelis H. (See Van Gessel, K. M., Bandringa, and Morel.)
- Morel, Felix, Fayettes, par Razac-sur-Isle, assignor to Anciens Etablissements R. Cornely & Cie (Societe Anonyme), Paris, France. Sewing machine. 1,902,041; Mar. 21.
- Moreland, Stephen T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearings. 1,913,769; June 13.

- Moreland, William E., College Park, assignor of one-third to C. E. Flowers, and one-third to W. V. Flowers Atlanta, Ga. Siphonproof fuel tank. 1,914,277; June 13.
- Moreland, William E., assignor of one-third to C. E. Flowers and one-third to W. V. Flowers, Atlanta, Ga. Anti-siphoning device. 1,928,569; Sept. 26.
- Moreton, Henry H., Santa Monica, Calif., assignor, by mesne assignments, to Biltmore Conservation Corporation. Producing a cattle food. 1,911,282; May 30.
- Moretti, Henry, Providence, assignor to E. Lawton, Cranston, R. I. Spool. 1,909,979; May 23.
- Morf, Ernest, La Chaux-de-Fonds, Switzerland. Self-winding wrist watch. 1,932,163; Oct. 24.
- Morgan, Allie F., Newport News, Va. Top-spinning device. 1,898,680; Feb. 21.
- Morgan, Archibald J. (See Green, R. D., and Morgan.)
- Morgan, Archibald J., and W. E. Craig, assignors to John A. Roebling's Sons Company, Trenton, N. J. Wire rope making machine and method. 1,907,651; May 9.
- Morgan, Carl M., Portland, Maine, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for heating plants. 1,925,455; Sept. 5.
- Morgan, Charles A., and W. C. Folger, Indianapolis, Ind. Illuminating tongue depressor and nose and ear speculum. 1,932,473; Oct. 31.
- Morgan Construction Company. (See Dahlstrom, Frank P., assignor.)
- Morgan Construction Company. (See Edwards, Victor E., assignor.)
- Morgan Construction Company. (See George, Jerome R., assignor.)
- Morgan Construction Company. (See Isley, George H., assignor.)
- Morgan Construction Company. (See Isley, G. H., and Merkt, assignors.)
- Morgan Construction Company. (See Lewis, Kenneth B., assignor.)
- Morgan Construction Company. (See Merkt, Gustav A., assignor.)
- Morgan Construction Company. (See Morgan, Myles, assignor.)
- Morgan, David H., assignor to Truscon Steel Company, Youngstown, Ohio. Gangway. 1,905,947; Apr. 25.
- Morgan, David T., Elizabeth, N. J., assignor to The Steel-Clad Products Company, Inc., New York, N. Y. Joint for barrels and the like. 1,921,768; Aug. 8.
- Morgan Engineering Company, The. (See Ball, Harvey W., assignor.)
- Morgan Engineering Company. (See Wackerly, Harry A., assignor.)
- Morgan, Frank A. (See Dana, D., and Morgan.)
- Morgan, Gerry A., Garden City, assignor to A. Schrader's Sons, Incorporated, Brooklyn, N. Y. Valve bending tool. 1,902,881; Mar. 28.
- Morgan, Gerry A., Garden City, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Tire valve stem bending tool. 1,935,055; Nov. 14.
- Morgan, Guy, New York, N. Y., assignor to The Warford Corporation. Reversing mechanism. 1,932,983; Oct. 31.
- Morgan, Hans O., Ridgefield Park, N. J. Tubular structure and manufacture thereof. 1,926,552; Sept. 12.
- Morgan, Harry, Walnut Park, Calif. Treating ores. 1,895,811; Jan. 31.
- Morgan, Harry B., et al. (See Prior, Walter, jr., assignor.)
- Morgan, Henry W., Brighton, assignor to Morgan Machine Company, Inc., Rochester, N. Y. Nailing machine. 1,904,507; Apr. 18.
- Morgan, Henry W., Brighton, assignor to Morgan Machine Company, Inc., Rochester, N. Y. Nailing machine. 1,913,717; June 13.
- Morgan, Hopkin, assignor to Penn Anthracite Mining Company, Scranton, Pa. Device for illustrating preparation of coal. 1,921,692; Aug. 8.
- Morgan, Hubert S., Scarsdale, N. Y. Merchandising display stand. Des. 89,349; Feb. 28.
- Morgan, John. (See Douglas, C. E., and Morgan.)
- Morgan, John C., Los Angeles, Calif. Electric heater. 1,923,874; Aug. 22.
- Morgan, John D., Maplewood, N. J., assignor to Doherty Research Company, New York, N. Y. Combustion engine with preheated air. 1,904,070; Apr. 18.
- Morgan, John D., Maplewood, N. J., assignor to Doherty Research Company, New York, N. Y. Coating refractories with metal. 1,924,876; Aug. 29.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Reduction furnace. 1,904,508; Apr. 18.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Manufacture of high alumina cement. 1,913,943; June 13.
- Morgan, John D., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Zirconium refractories. 1,923,003; Aug. 15.
- Morgan, John D., Summit, N. J., and H. N. Durham, Jackson Heights, N. Y., assignors to Southern Brighton Mills, Shannon, Ga. Laundry work unit. 1,906,707; May 2.
- Morgan, John D., Summit, N. J., and H. N. Durham, Jackson Heights, N. Y., assignors to Southern Brighton Mills, Atlanta, Ga. Laundry work unit. 1,934,872; Nov. 14.
- Morgan, John R., Birmingham, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 91,077; Nov. 21.
- Morgan, John R., Birmingham, and W. Schnell, Detroit, Mich., assignors to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 89,447; Mar. 14.
- Morgan, Johns, jr. (See Young, F. J., Long, and Morgan.)
- Morgan, Kenneth F., Los Angeles, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Sound recording. 1,921,037; Aug. 8.
- Morgan Machine Company, Inc. (See Morgan, Henry W., assignor.)
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Automotive driving axle. 1,895,168; Jan. 24.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle. 1,906,769; May 2.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Automotive driving axle. 1,913,718; June 13.
- Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Driving axle. 1,921,769; Aug. 8.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Conveyor mechanism. 1,895,046; Jan. 24.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Controlling the shearing of metal bars while in motion. 1,900,252; Mar. 7.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Ingot handling device. 1,931,354; Oct. 17.
- Morgan, Orville B., Rubio, Iowa. Plant protector. 1,926,053; Sept. 12.
- Morgan, Raymond, and E. E. Witmer, Philadelphia, Pa. Headlight testing apparatus. 1,894,910; Jan. 17.
- Morgan, Raymond, and E. E. Witmer, Philadelphia, Pa. Headlight testing apparatus. 1,894,911; Jan. 17.
- Morgan, Raymond A., Patterson, Calif. Battery lifting and carrying device. 1,915,197; June 20.
- Morgan, Robert M., Alhambra, and S. W. Harden, Maywood, assignors, by mesne assignments, to Pacific Coast Steel Corporation, San Francisco, Calif. Nutting machine. 1,906,078; Apr. 25.
- Morgan, Swiney, assignor to Eureka Steel Range Co., St. Clair County, Ill. Gas burner. 1,914,523; June 20.
- Morgan, Walter, Birmingham, Ala., assignor, by mesne assignments, to Sand Spun Patents Corporation, New York, N. Y. Centrifugal casting machine. 1,927,467; Sept. 19.
- Morgan, Walter E., assignor to Dayton Veneer and Lumber Mills, Dayton, Tenn. Basket. 1,934,625; Nov. 7.
- Morgan, Wesley V., assignor to General Railway Signal Company, Rochester, N. Y. Car retarder for railroads. 1,899,899; Feb. 28.
- Morgan, William H., Hollidays Cove, W. Va. Clear vision device for vehicles. 1,933,333; Oct. 31.
- Morgan, William J., Oberlin, assignor of one-half to C. C. Hale, Enhant, Pa. Brake. 1,926,955; Sept. 12.
- Morgan, William K., assignor of one-fourth to G. L. Miller, Sand Springs, Okla. Double cross center guide and paraffin scraper. 1,897,507; Feb. 14.
- Morgan & Wright. (See Abbott, Adrian O., jr., assignor.)
- Morgan & Wright. (See Battin, Harold T., assignor.)
- Morgan & Wright. (See Beighey, Fred J., assignor.)
- Morgan & Wright. (See Christopherson, William G., assignor.)
- Morgan & Wright. (See Coe, John P., assignor.)
- Morgan & Wright. (See Eger, Ernst, assignor.)
- Morgan & Wright. (See Foster, Boutwell H., assignor.)
- Morgan & Wright. (See Gibbons, W. A., and Battin, assignors.)
- Morgan & Wright. (See Gilbert, William S., assignor.)
- Morgan & Wright. (See McNeill, George K., assignor.)
- Morgan & Wright. (See Otto, Albert, assignor.)
- Morgan & Wright. (See Pipes, Walter L., assignor.)
- Morgan & Wright. (See Steidle, William A., assignor.)
- Morgan & Wright. (See Thompson, Walter S., assignor.)
- Morgantown Glass Works. (See Best, Charles A., assignor.)
- Morgen, Ralph A., Kansas City, Mo. Clarifying used dry cleaning fluids. 1,926,813; Sept. 12.
- Morgen, Ralph A., and F. Fair, Kansas City, Mo. Clarifying dry cleaning fluid. 1,902,514; Mar. 21.
- Morgenstern, Ronald V., Irvington, and J. H. Hackenberg, Jackson Heights, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 1,936,947; Nov. 28.
- Morica, Joseph, assignor of forty-nine per cent to P. Lisa, C. Reitano, and L. Fraterangelo, Olean, N. Y. Combined shade and guide map. 1,920,099; July 25.
- Morikawa, Kisaku. (See Prescott, S. C., and Morikawa.)
- Morimura Bros. Inc. (See Buma, Yukio, assignor.)
- Morimura Bros. Inc. (See Kaiser, Charles, assignor.)
- Morin, George G., Holyoke, Mass. Fluid operated dipper trip. 1,905,183; Apr. 25.
- Morin, George G., Holyoke, Mass. Friction type dipper trip. 1,913,944; June 13.
- Morin, George G., and E. J. Carleton, Holyoke, Mass.; said Carleton assignor to said Morin. Fluid operated cable winding device. 1,926,164; Sept. 12.
- Morin, Henry I., assignor to Springvale Wood Working Co. Inc., Springvale, Maine. Cabinet. Des. 91,210; Dec. 19.
- Morin, Louis H., New York, N. Y. Automatically cutting flexible shafting. 1,906,867; May 2.

- Morin, Louis H., New York, N. Y. Dial operating mechanism. 1,917,049; July 4.
- Morin, Louis H., New York, N. Y. Dialing device. 1,917,050; July 4.
- Morin, Louis H., New York, N. Y. Dialing device. 1,917,051; July 4.
- Morin, Louis H., New York, N. Y. Dialing device. 1,927,413; Sept. 19.
- Morin, Louis H., New York, N. Y., assignor to Doehler Die Casting Co. Remote control for radio tuning device. 1,906,709; May 2.
- Morin, Louis H., New York, N. Y., assignor to Doehler Die-Casting Co. Juice extractor. 1,910,559; May 23.
- Morin, Louis H., New York, N. Y., assignor to Doehler Die Casting Co. Package vender. 1,910,809; May 23.
- Morin, Louis H., New York, N. Y., assignor to Doehler Die-Casting Co. Die-casting. 1,922,598; Aug. 15.
- Morin, Louis H., New York, N. Y., assignor to Doehler Vending Machines, Inc. Article dispenser. 1,925,563; Sept. 5.
- Morini, Gioacchino, Waterbury, Conn. Spinning top and holder. 1,907,084; May 2.
- Morishita, Monachi, Honolulu, Hawaii. Washboard. Des. 90,676; Sept. 12.
- Morishita, Taugiko, Higashi-Ku, Osaka-Shi, Japan. Clinical thermometer. 1,931,963; Oct. 24.
- Moritz, Adrianus J. L., Enka, N. C., assignor to American Enka Corporation, New York, N. Y. Manufacture of artificial silk. 1,940,602; Dec. 19.
- Moritz, Charles J., Eflingham, Ill. Road grader. 1,905,420; Apr. 25.
- Moritz, John A., Crawfordsville, Ind. Insulating zinc spelter baths and for effecting their practice. 1,901,464; Mar. 14.
- Moriya, Saburo M., Arden, assignor of one-half to F. L. Grier, Milford, Del. Metal coffee receptacle. 1,920,268; Aug. 1.
- Morkovski, James, Canton, Ill., assignor to International Harvester Company. Tractor hutch. 1,936,768; Nov. 28.
- Morland & Impey Limited. (See Impey, Francis L., assignor.)
- Mormser, Morton, et al. (See Ginsberg, Jacob, assignor.)
- Morny, Frederic A., assignor to News Projection Corporation, New York, N. Y. Folder for forming a slide. 1,913,609; June 13.
- Moroney, Laurence F., Lara, Victoria, Australia. Wheel grip for traction wheels. 1,927,132; Sept. 19.
- Morra, Angelo. (See Locollo, L., and Morra.)
- Morral, Samuel E. (See Morral, William W., assignor.)
- Morral, William W., assignor of one-half to S. E. Morral, Morral, Ohio. Corn cutting machine. 1,898,592; Feb. 21.
- Morreale, Onofrio, and S. Guarino, assignors of one-third to Roy C. Moore, Rochester, N. Y. Metal lock for gas meters. 1,919,701; July 25.
- Morrell, Harry H., Berkeley, Calif. Pencil eraser holder. 1,914,753; June 20.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Recovering condensable vapors from incondensable gas. 1,897,618; Feb. 14.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oils. 1,904,381; Apr. 18.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Sweetening hydrocarbon distillates containing mercaptans. 1,904,382; Apr. 18.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oil. 1,911,640; May 30.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Refining and purification of hydrocarbon oils. 1,920,270; Aug. 1.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,927,182; Sept. 19.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating gasoline or the like. 1,930,248; Oct. 10.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Recovering treating agent from sludge. 1,930,249; Oct. 10.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oils. 1,933,748; Nov. 7.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating hydrocarbon oils. 1,935,162; Nov. 14.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,940,726; Dec. 26.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 1,941,267; Dec. 26.
- Morrell, Jacques C., assignor to Universal Oil Products Company, Chicago, Ill. Treating carbonaceous material. 1,940,725; Dec. 26.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,897,582; Feb. 14.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,935,160; Nov. 14.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,935,161; Nov. 14.
- Morrell, Jacques C., and J. G. Alther, assignors to Universal Oil Products Company, Chicago, Ill. Apparatus for vapor fractionation. 1,904,380; Apr. 18.
- Morrell, Jacques C., and G. Egloff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,941,266; Dec. 26.
- Morrell, Joseph A., New Brunswick, N. J., assignor to E. R. Squibb & Son, New York, N. Y. Producing female sex hormones. 1,910,351; May 23.
- Morrell, Walter S., trustee, et al. (See Riddle, Griffith H., assignor.)
- Morrice, James A., Downhill, Glasgow, Scotland. Device for sharpening razor blades. 1,925,772; Sept. 5.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Automatic edge trimmer. 1,897,526; Feb. 14.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,897,527; Feb. 14.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe supporting jack. 1,905,184; Apr. 25.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Driving and stopping mechanism. 1,905,735; Apr. 25.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,907,434; May 9.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of shoes. 1,911,283; May 30.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Edge setting machine. 1,919,740; July 25.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inseam shoe sewing machine. 1,920,998; Aug. 8.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Edge trimming machine. 1,921,165; Aug. 8.
- Morrill, Alfred R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inseam trimming machine. 1,908,914; May 16.
- Morrill, Herbert B., Salem, Mass. Regulating means. 1,919,281; July 25.
- Morrill, James P., Verdi, Nev. Animal trap. 1,907,360; May 2.
- Morrill, James P., Verdi, assignor of one-half to R. L. Douglass, Fallon, Nev. Animal trap. 1,913,893; June 13.
- Morrill, Lewis H., Fort Wayne, Ind., assignor to International Harvester Company. Timing gear lubrication for engines. 1,915,330; June 27.
- Morrill, Philip E., Webster Groves, and C. V. Brady, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Fastener. 1,920,518; Aug. 1.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Two-speed single phase motor. 1,896,848; Feb. 7.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Reversible motor. 1,913,203; June 6.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Wound rotor reactor motor. 1,931,497; Oct. 31.
- Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Alternating current motor. 1,933,498; Oct. 31.
- Morrill, Wayne J., and W. A. Pringle, Fort Wayne, Ind., assignors to General Electric Company. Synchronous induction motor. 1,915,069; June 20.
- Morrill, Weston, Pittsfield, Mass., assignor to General Electric Company. Producing low loss nonaging silicon steel sheets. 1,919,983; July 25.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Cast ferrous nitrided article. 1,906,995; May 2.
- Morris, Albert W., assignor to Moore Drop Forging Company, Springfield, Mass. Nitrided ferrous article. 1,929,252; Oct. 3.
- Morris, Albert W., Drexel Hill, and S. P. Wetherill, jr., Haverford, assignors to Wetherill-Morris Engineering Company, Philadelphia, Pa. 1,913,945; June 13.
- Morris, Anderson F., Weir, Tex. Draft device. 1,904,163; Apr. 18.
- Morris, Carrie B., administratrix. (See Morris, John O.)
- Morris Commercial Cars Limited. (See Edwards, Charles K., assignor.)
- Morris, Della M. (See Roberts, Charles H., assignor.)
- Morris, Donald F. (See O'Connor, J. J., and Morris.)
- Morris, Douglas C., and L. O. Cockrill, Yakima, Wash., assignors to Brodrex Company, Winter Haven, Fla. Apparatus for preparing fresh fruit for market. 1,932,827; Oct. 31.
- Morris, Edward M., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for fusing lens blanks. 1,910,708; May 23.
- Morris, Fearing H., assignor to Standard Oil Company, Whiting, Ind. Heat transfer. 1,905,185; Apr. 25.
- Morris, Fred C., San Francisco, Calif. Making bushings. 1,900,298; Mar. 7.

- Morris, Fred C., San Francisco, Calif. Brake element. 1,917,993; July 11.
- Morris, Frederick S., deceased, by The Vollrath Co., assignee, Sheboygan, Wis. Dish and cover. Re18,942; Sept. 12.
- Morris, George J., Los Angeles, Calif. Handle securing means for valves. 1,929,708; Oct. 10.
- Morris, George W., Des Moines, Iowa. Tire deflation switch. 1,911,641; May 30.
- Morris, Harold W., Waltham, Mass., assignor to Frederick Osann Company, New York, N. Y. Tea bag or the like and securing it. 1,941,218; Dec. 26.
- Morris, Harry R., (See Schimmel, Lloyd G., assignor.)
- Morris, Herbert N., Broxbourne, assignor to Rucel Limited, London, England. Improved abrasive coated materials. 1,904,663; Apr. 18.
- Morris, Howard A., assignor to The Automat Molding & Folding Company, Toledo, Ohio. Machine for producing bars of butter or like materials. 1,914,701; June 20.
- Morris, Howard I., Lakewood, assignor to The Yoder-Morris Company, Cleveland, Ohio. Operating mechanism. 1,928,698; Oct. 3.
- Morris, Hubert C., Albany, Oreg. Sawmill. 1,938,108; Dec. 5.
- Morris, I. P. & De La Vergne, Incorporated. (See Kerr, Samuel L., assignor.)
- Morris, I. P. and De La Vergne, Inc. (See Kruse, Otto V., assignor.)
- Morris, I. P., & De La Vergne, Incorporated. (See Moody, Lewis F., assignor.)
- Morris, I. P. & De La Vergne, Incorporated. (See Sharp, Robert E. B., assignor.)
- Morris, Japheth A., New York, N. Y. Ash collecting wagon body. 1,908,167; May 9.
- Morris, Jess E., et al. (See Turman, Joe B., assignor.)
- Morris, John O., deceased, by C. B. Morris, Washington, D. C., assignor, by mesne assignments, to Tobacco Stemming Corporation, Dover, Del. Tobacco leaf stemming and straightening machine. 1,902,882; Mar. 28.
- Morris Paper Mills. (See Powell, Henry K., assignor.)
- Morris Paper Mills. (See Powell, H. K., and Ballenberg, assignors.)
- Morris, Pratt C., Madison, assignor of twenty-four one hundredths to R. J. Wilkinson, Augusta, and forty one hundredths to W. L. Carmichel, Morgan County, Ga. Rotary valve for internal combustion engine. 1,927,348; Sept. 19.
- Morris, Robert E., Salisbury, Md. Puttying device. 1,938,260; Dec. 5.
- Morris, Ross, Zillah, Wash., assignor to Food Machinery Corporation, San Jose, Calif. Fruit sorting apparatus. 1,928,185; Sept. 26.
- Morris, Thomas B., Jr. (See Miller, Henry C.)
- Morris, Thomas W., Chicago, Ill. Trimming apparatus. 1,900,000; Mar. 7.
- Morris, Thomas W., Chicago, Ill. Shearing apparatus. 1,925,084; Sept. 5.
- Morris, Woodbridge E., Baltimore, Md. Preserving tennis balls or the like. 1,910,930; May 23.
- Morrison, Alfred J., Denver, Colo. Collapsible table. 1,903,631; Apr. 11.
- Morrison, Archie T. (See Burke, J. J., and Morrison.)
- Morrison, Boyce T., Beaumont, Tex. Gas escape warning device. 1,895,394; Jan. 24.
- Morrison Bros. (See Glab, William N., assignor.)
- Morrison, Eugene. (See Koester, John V., assignor.)
- Morrison, George O. (See Blaikie, K. G., and Morrison.)
- Morrison, Harold, assignor to Milne Chair Company, Chattanooga, Tenn. Chair. Des. 90,376; July 25.
- Morrison, Howard R. (See Ward, Michael, assignor.)
- Morrison, James L. D., Jr., Los Angeles, Calif. Changeable sign. 1,894,960; Jan. 24.
- Morrison, John A., Warren, Ohio, assignor, by mesne assignments, to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,898,563; Feb. 21.
- Morrison, John W., Ocean City, N. J. Fiber pan or the like. 1,907,407; May 2.
- Morrison, Lee B., Portland, Oreg. Refrigerator cabinet. 1,893,805; Jan. 10.
- Morrison, Luther E., New York, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,936,255; Nov. 21.
- Morrison, Luther E., New York, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,936,256; Nov. 21.
- Morrison Machine Products, Inc. (See Evans, Leigh R., assignor.)
- Morrison, Marjorie H., and E. H. Nollau, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose nitrate composition and solvent mixture therefor. 1,915,163; June 20.
- Morrison, Montford, Montclair, N. J. Electron device. 1,925,104; Sept. 5.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Discharge tube stabilizer system. 1,893,299; Jan. 3.
- Morrison, Montford, Montclair, N. J., assignor, by mesne assignments, to Westinghouse Lamp Company. Luminous discharge device. 1,905,043; Apr. 25.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Constant potential device. 1,905,044; Apr. 25.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Terminal bushing. 1,908,779; May 16.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Radiograph illuminator. 1,911,962; May 30.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Stereoscope. 1,911,963; May 30.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Stereoscopic plate shifter. 1,916,383; July 4.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. Automatic adjustment of circuit breakers. 1,920,656; Aug. 1.
- Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. X-ray tube holder. 1,933,563; Nov. 7.
- Morrison, Montford, Chicago, Ill. System and method of carrier current communication. 1,924,106; Sept. 5.
- Morrison, Montford, Chicago, Ill. Electron discharge device. 1,925,105; Sept. 5.
- Morrison, Montford, Chicago, Ill. Electron discharge device. 1,925,107; Sept. 5.
- Morrison, Montford, Chicago, Ill., assignor, by mesne assignments, to Westinghouse Lamp Company. X-Ray tube. 1,937,834; Dec. 5.
- Morrison, Montford, Montclair, N. J., and S. E. Lundquist, Jackson Heights, N. Y., assignors to Westinghouse X-Ray Company, Inc. X-Ray change over system. 1,937,835; Dec. 5.
- Morrison, Paul R., Ontario, Calif. Display vehicle. Des. 90,630; Sept. 5.
- Morrison, R. H., et al. (See McCarty, Madison P., assignor.)
- Morrison, Robert F., Yonkers, assignor to The International Pavement Company, New York, N. Y. Apparatus for and method of treating asphalt blocks. 1,903,741; Apr. 11.
- Morrison, Robert H., Morristown, N. J. Cooling device for internal combustion engines. 1,912,154; May 30.
- Morrison, Thurman C. (See Wallace, W. H., Morrison, and Bieber.)
- Morrison, Walter O. (See Erickson, C. L., and Morrison.)
- Morrison, Willard L., Chicago, Ill. Candle. 1,911,161; May 23.
- Morrison, Willard L., Chicago, Ill. Candle stick. 1,911,162; May 23.
- Morrison, William R., Billings, Mont. Refraction instrument. 1,921,318; Aug. 8.
- Morriss, Grover C., Austin, Tex. Mechanical pencil. 1,917,144; July 4.
- Morrissey, James W. (See Brungardt, A. O., Morehead, and Morrissey.)
- Morrissey, Michael F., Indianapolis, Ind. Police club. 1,920,519; Aug. 1.
- Morrow, Clarence H., assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft regulator. 1,905,734; Apr. 25.
- Morrow, Clarence H., assignor to The Hotstream Heater Company, Cleveland, Ohio. Gas pressure regulator. 1,927,669; Sept. 19.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Power operated control for draft regulators. 1,927,670; Sept. 19.
- Morrow, Clyde B., Seattle, Wash. Concrete stirring device. 1,898,201; Feb. 21.
- Morrow, Eva M., Crystal Lake, Ill. Confection and making same. 1,926,347; Sept. 12.
- Morrow, James. (See Miadowicz, Frank, assignor.)
- Morrow, Joseph H., Hokendauqua, Pa., assignor to Fuller Company. Roll feeder. 1,900,458; Mar. 7.
- Morrow, Joseph H., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Weighing apparatus. 1,911,235; May 30.
- Morsbach, Kurt, Berlin-Lichterfelde, assignor to Siemens & Halske, Aktiengesellschaft Siemensstadt, near Berlin, Germany. Motion picture camera. 1,897,762; Feb. 14.
- Morsbach, Kurt, Berlin-Grunewald, assignor to Projector G. m. b. H., Berlin, Germany. Reel for films and other flexible material. 1,920,657; Aug. 1.
- Morsbach, Kurt, Berlin-Grunewald, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Motion-picture camera and film container adapted to be inserted into such cameras. 1,937,354; Nov. 28.
- Morsbach, Kurt, Berlin-Grunewald, and H. Schulz, Berlin-Lichterfelde-Ost, assignors to Projector, G. m. b. H., Berlin, Germany. Optical projection system. 1,908,043; May 9.
- Morsbach, Kurt, Berlin-Grunewald, and K. Cousin, Berlin-Charlottenburg, assignors to Projector G. m. b. H., of Berlin, Germany. Motion-picture film camera. 1,935,327; Nov. 14.
- Morschel, Heinrich. (See Zitscher, A., Morschel, and Luce.)
- Morschel, Heinrich, Cologne-Deutz, and W. Luce, Hofheim-on-the-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 2,7-dihydroxynaphthalene-3,6-dicarboxylic acid. 1,896,457; Feb. 7.
- Morse, Albert L., Sanford, Me. Cable cutter. 1,896,912; Feb. 7.
- Morse, Albert W., Forest Hills, N. Y. Nebulizer of liquids. 1,904,509; Apr. 18.
- Morse, Albert W., Forest Hills, N. Y. Gas burner. 1,906,483; May 2.

- Morse, Albert W., Forest Hills, N. Y. Gas burner. 1,917,897; July 11.
- Morse, Albert W., Forest Hills, N. Y. Gas burner. 1,922,628; Aug. 15.
- Morse, Andrew D., Holliston, assignor to Dennison Manufacturing Company, Framingham, Mass. Label. 1,926,553; Sept. 12.
- Morse, Bruce, Crosbyton, Tex., assignor to Deere & Company, Moline, Ill. Harvester. 1,933,922; Nov. 7.
- Morse, Chain Company. (See Bremer, Norman C., assignor.)
- Morse Chain Company. (See Morse, Frank L., assignor.)
- Morse Chain Company. (See Perry, David B., assignor.)
- Morse, Clark T., assignor to American Blower Corporation, Detroit, Mich. Steel pipe and fin heater. 1,899,629; Feb. 28.
- Morse, Clark T., and E. L. Hogan, assignors to American Blower Corp., Detroit, Mich. Cooling coil, storage tank, and cooling the water in the tank. 1,901,664; Mar. 14.
- Morse, Cyrus F. (See Williams, M. F., and Morse.)
- Morse, Earle C., New York, N. Y. Automatic landing device for aeroplanes. 1,907,652; May 9.
- Morse, Earle H. (See McKee, R. H., and Morse.)
- Morse, Earle H., Nutley, N. J. Forming viscose products. 1,937,836; Dec. 5.
- Morse, Frank L., Ithaca, N. Y. Device for preventing undesired backward motion of automobiles. 1,898,492; Feb. 21.
- Morse, Frank L., Ithaca, N. Y. Starting device for prime movers. 1,915,377; June 27.
- Morse, Frank L., assignor to Morse Chain Company, Ithaca, N. Y. Duplex link belt. 1,900,192; Mar. 7.
- Morse, George H., Harrisburg, Pa. Decimal point finder. 1,911,581; May 30.
- Morse, Harold F., Southport, Conn., assignor to General Electric Company, Fan blade. 1,940,318; Dec. 19.
- Morse, Homer F., Fort Morgan, Colo. Table. 1,924,953; Aug. 29.
- Morse, Lawrence H., Cleveland, Ohio, assignor, by mesne assignments, to Multigraph Company, Wilmington, Del. Paper feeding mechanism. 1,939,717; Dec. 19.
- Morse, Lynn H., Natick, and T. F. Smith, Quincy, assignors to E. L. Chase, as trustee, Dorchester, Mass. Portable lock. 1,923,025; Aug. 15.
- Morse, Normand W., assignor to Alemite Corporation, Chicago, Ill. Attaching lubricant fittings. 1,928,841; Oct. 3.
- Morse, Ralph L., Springfield, Mass. Map. 1,895,937; Jan. 31.
- Morse, Robert V., New York, N. Y. Pneumatic valve. 1,894,730; Jan. 17.
- Morse, Roy W., Willow Grove, assignor to Autogiro Company of America, Philadelphia, Pa. Supporting means for aircraft sustaining rotors. 1,923,110; Aug. 22.
- Morse, William G., Flossmoor, F. D. Wilson and H. C. Wuestenberg, Harvey, assignors to Austin Manufacturing Co., Chicago, Ill. Blade adjusting mechanism for road machines. 1,906,079; Apr. 25.
- Morse, William J., Attleboro, Mass. Collar holding clasp. 1,934,946; Nov. 14.
- Morseth, Leif, Hasle, Ostre Aker, near Oslo, assignor to Aktieselskapet Per Kure, Norsk Motor- & Dynamofabrik, Oslo, Norway. Manufacture of rib-piping. 1,909,704; May 16.
- Morshhead, Leslie R., London, and H. Martin, East Molesey, England. Projection of light. 1,928,431; Sept. 26.
- Mort, Charles S., assignor of one-third to L. Seckman and one-third to A. P. Moran, Nebraska City, Nebr. Rear vision reflector tube for motor vehicles. 1,939,311; Dec. 12.
- Mortensen, Martin P., assignor to F. Schultz, Philadelphia, Pa. Temperator. 1,916,064; June 27.
- Mortensen, Niels L., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 1,931,030; Oct. 17.
- Mortensen, Soren H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Alternating current dynamo-electric machine. 1,908,158; May 9.
- Mortenson, Gustav M., Kane, Pa. Automobile locking means. 1,894,189; Jan. 10.
- Mortenson, Gustav M., Warren, Pa. Electric switch. 1,901,320; Mar. 14.
- Mortenson, Magne, Trondhjem, Norway. Electrode for geophysical surveys. 1,910,709; May 23.
- Morterra, Augusto, Rome, Italy. Peg for holding tents or hangars or for anchoring aircraft and the like. 1,940,430; Dec. 19.
- Mortrud, Einar, Torderod, near Moss, Norway. Bottom sieve for wood pulp digesters. Re18,845; May 30.
- Mortrud, Einar, Oslo, Norway. Wood pulp digester with internal circulation conduit. 1,895,266; Jan. 24.
- Mortrud, Knut, Torderod, near Moss, Norway. Packing box with circulating cooling water. 1,933,678; Nov. 7.
- Mortrud, Knut K., Oslo, Norway. Heating device. 1,926,494; Sept. 12.
- Mortimer, Charles W., Upper Montclair, N. J., assignor to The Barrett Company. Shingle strip. 1,935,656; Nov. 21.
- Mortimer, Samuel E., Lorain, assignor of one-fourth to W. V. Clampt, Dayton, one-fourth to C. E. Hennies, Cleveland, and one-fourth to J. F. Glidden, Lakewood, Ohio. Drill and hole cleaner. 1,894,358; Jan. 17.
- Mortland, James A., and H. L. Smith, Tampa, Fla. Composition of matter. 1,894,628; Jan. 17.
- Morton, Allen W., assignor to American Hammered Piston Ring Company, Baltimore, Md. Piston ring. 1,894,000; Jan. 10.
- Morton, Allen W., assignor to The American Hammered Piston Ring Company, Baltimore, Md. Making piston ring joints. 1,930,857; Oct. 17.
- Morton, Charles, Pawtucket, R. I. Spinning frame. 1,932,799; Oct. 31.
- Morton, Craig V. (See Short, C. R., and Morton.)
- Morton, Clifford W., and R. J. Dorn, assignors to The Barr Rubber Products Company, Sandusky, Ohio. Clamping device. 1,928,906; Oct. 3.
- Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant speed motor. 1,897,068; Feb. 14.
- Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Motor control system. 1,930,279; Oct. 10.
- Morton, Francis B., Parlin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 1,894,050; Jan. 10.
- Morton, Harold A., Akron, Ohio. Vulcanization of rubber. 1,893,868; Jan. 10.
- Morton, Harold A., Akron, Ohio. Vulcanizable compound and preparing same. 1,893,869; Jan. 10.
- Morton, Harold A., Akron, Ohio. Age resisting vulcanized rubber and antioxidant agent. 1,919,301; July 25.
- Morton, Harold A., Akron, Ohio. Age resisting rubber and rubber compounds. 1,929,560; Oct. 10.
- Morton, Harold A., Akron, Ohio. Vulcanization inhibiting process and compound. 1,929,561; Oct. 10.
- Morton, Henry E., Muskegon Heights, Mich. Traversing support for metal working machines. 1,920,476; Aug. 1.
- Morton, James, West Lothian, Scotland. Supplying fibrous material for incorporation into fabrics. 1,895,293; Jan. 24.
- Morton, James, West Lothian, Scotland. Warp knitting machine. 1,924,649; Aug. 29.
- Morton, James, J. I. M. Jones, B. Wylam, Lancaster, and J. E. G. Harris, Carlisle, England, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Vat dye-stuff derivatives. 1,895,336; Jan. 24.
- Morton, James C., Gore, Tex. Machine for harvesting maize and similar row feed crops. 1,912,538; June 6.
- Morton, James E., Harvey, Ill., assignor of one-half to J. H. McVeety, Memphis, Tenn., ten one-hundredths to W. J. Aitken and T. B. McMartin. Automobile parking tower. 1,924,130; Aug. 29.
- Morton, Joseph R., Steubenville, Ohio. Tool. 1,896,458; Feb. 7.
- Morton, Marcus R., Spokane, Wash. Sweeping broom and handle connection therefor. 1,895,229; Jan. 24.
- Morton Salt Company. (See Hochwalt, C. A., and Walisz, assignors.)
- Morton, Sterling, Chicago, H. L. Krum, Kenilworth, and E. E. Kleinschmidt, Highland Park, assignor to Teletype Corporation, Chicago, Ill. Signaling system and apparatus therefor. 1,931,672; Oct. 24.
- Morton, Sterling, H. L. Krum, and E. E. Kleinschmidt, assignors to Teletype Corporation, Chicago, Ill. Signaling system and apparatus therefor. 1,904,164; Apr. 18.
- Morton, Walter R., and F. C. Williams, Akron, Ohio. Hair drier. 1,913,608; June 13.
- Morton, William A., et al. (See Eckert, Fritz, assignor.)
- Morton, William A., assignor to American Glass Machine Corporation, Pittsburgh, Pa. Glass blowing machine. 1,928,599; Sept. 26.
- Morton, William A., assignor to Amco, Incorporated, Pittsburgh, Pa. Recuperator. 1,928,600; Sept. 26.
- Morton, William A., and P. L. Geer, assignors to Amco, Incorporated, Pittsburgh, Pa. Rotary glass melting furnace. 1,928,598; Sept. 26.
- Morton, William A., Pittsburgh, and P. L. Geer, Bellevue, assignors to The Amsler-Morton Company, Pittsburgh, Pa. Apparatus for annealing glassware. 1,938,346; Dec. 5.
- Morton, William K., Zanesville, Ohio. Grinding machine. 1,922,817; Aug. 15.
- Mortrude, William E., jr., Seattle, Wash. Electrical treatment cabinet. Des. 88,979; Jan. 10.
- Mosby, Denis H. (See Ellis, G. H., Mosby, and Olpin.)
- Mosby, Denis H., Henry C. Olpin, and George H. Ellis, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of new dyestuffs and the application thereof. 1,935,657; Nov. 21.
- Mosca, John, Brooklyn, N. Y. Hat brim trimming tool. 1,901,764; Mar. 14.
- Moscato, Francis, Central Park, N. Y. Safety switch. 1,903,737; Apr. 11.
- Moschel, Herman, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Side delivery rake. 1,914,036; June 13.
- Moschel, Herman, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Hay loader. 1,917,770; July 11.
- Moschel, Herman, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Rake. 1,938,971; Dec. 12.
- Moschel, Wilhelm. (See Suchy, R., Staib, and Moschel.)
- Moschel, Wilhelm, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Chlorinating apparatus. 1,901,524; Mar. 14.

- Moschel, Wilhelm, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Apparatus for performing reactions between molten substances and gases. 1,901,525; Mar. 14.
- Moschel, Wilhelm, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Producing anhydrous magnesium chloride. 1,933,499; Oct. 31.
- Mosel, Joseph H., Lakewood, assignor to The Jaeger Machine Company, Columbus, Ohio. Closure. 1,895,169; Jan. 24.
- Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Precision apparatus for cutting roads to final grade. 1,926,397; Sept. 12.
- Mosel, Joseph H., Lakewood, and E. J. Schwemler, Shaker Heights, assignors to The Jaeger Machine Company, Columbus, Ohio. Road paving form. 1,918,710; July 18.
- Moseley, Hal W., New Orleans, La. Gas burner. 1,932,321; Oct. 24.
- Moseley, Tomlinson I., San Francisco, Calif. Hair waver. 1,904,625; Apr. 18.
- Moseley, Tomlinson I., San Francisco, Calif. Wedge and making the same. 1,931,234; Oct. 17.
- Moseley, Tomlinson I., assignor to Duart Manufacturing Co. Ltd., formerly Pacific Hair Goods Company Ltd., San Francisco, Calif. Hair drier. 1,902,334; Mar. 21.
- Moseley, William H., Philadelphia, Pa. Vehicle brake. 1,925,399; Sept. 5.
- Mosely, William P., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Safe deposit lock. 1,904,383; Apr. 18.
- Moser, Byron W., St. Louis, Mo. Doorstop. 1,939,402; Dec. 12.
- Moser, Carl, assignor to Lightoller Co., New York, N. Y. Lighting fixture head. Des. 83,980; Jan. 10.
- Moser, Carl, assignor to Lightoller Co., New York, N. Y. Lamp. 1,927,897; Sept. 26.
- Moser, Charles F., Youngstown, Ohio. Metal awning. 1,930,595; Oct. 17.
- Moser, Julius G., San Francisco, Calif. Window ventilator. 1,924,441; Aug. 29.
- Moser, Otto, Bern, Switzerland. Coin-checking device for coin-free telephone installations. 1,939,513; Dec. 12.
- Moser, Wilhelm, Riehen, near Basel, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs of the dibenzanthrone series and making same. 1,899,878; Feb. 28.
- Moses, Douglas V. (See Bressler, R. E., and Moses.)
- Moses, Edmund Q. (See Hebig, Henry C., assignor.)
- Moses, Edmund Q. (See Reid, John D., assignor.)
- Moses, Frederick G., New York, R. W. Hess, Buffalo, and R. L. Perkins, East Aurora, assignors to The Barrett Company, New York, N. Y. Concentration of ores by flotation. 1,904,460; Apr. 18.
- Moses, Frederick G., New York, N. Y., and E. J. Canavan, Woodcliff, N. J., assignors to The Barrett Company. Flotation reagent. 1,912,588; June 6.
- Moses, Frederick G., New York, R. W. Hess, Buffalo, and R. L. Perkins, East Aurora, assignors to The Barrett Company, New York, N. Y. Concentrating ore by flotation. 1,934,440; Nov. 7.
- Mosesian, Moses P., Fresno, Calif. Packing container. 1,933,869; Nov. 7.
- Mosgrove, Charles A., Waterbury, assignor to The Autoyre Company, Oakville, Conn. Overall loop. 1,916,010; June 27.
- Mosgrove, Charles A., Mansfield, Ill. Distributor mechanism. 1,940,008; Dec. 19.
- Mosheim, Albert, assignor to House of Tre-Jur, New York, N. Y. Cake of soap. Des. 89,350; Feb. 28.
- Mosher, Evert, assignor of one-fourth to J. G. Hopkins, Eads, Colo. Electrically operated window. 1,916,579; July 4.
- Mosher, Ira S., East Orange, N. J., assignor to Joe Lowe Corporation, Brooklyn, N. Y. Dough cutter. 1,937,904; Dec. 5.
- Mosher, Marlin P., and W. J. McCarthy, Salamanca, N. Y. Reel. 1,915,238; June 20.
- Mosher, William H., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,898,639; Feb. 21.
- Moshin, Morris. (See Hanson, Melvin F., assignor.)
- Mosmann, Paul, Utzenstorf, Switzerland. Aeroplane. 1,924,049; Aug. 22.
- Moske, Alexander W., assignor to Reynolds Spring Company, Jackson, Mich. Heavy duty seat construction. 1,923,739; Aug. 22.
- Moskowitz, Reuben, New York, N. Y. Cone. 1,914,894; June 20.
- Moss, H. P., assignor to General Spring Bumper Corporation, Detroit, Mich. Foot rest. 1,893,640; Feb. 21.
- Mosley, Alfred J., Denver, Colo. Grinding mill. 1,931,555; Oct. 24.
- Moss, Joseph, Woonsocket, R. I., assignor, by mesne assignments, to Whitin Machine Works, Whitinsville, Mass. Cotton opener or picker. 1,941,104; Dec. 26.
- Moss, Roscoe, and H. U. Baker, assignors to Roscoe Moss Company, Los Angeles, Calif. Hydraulic casing perforator. 1,910,851; May 23.
- Moss, Roscoe, Company. (See Moss, R., and Baker, assignors.)
- Moss, Thomas R., Dyersburg, Tenn. Ash tray. 1,923,638; Aug. 22.
- Moss, William F., Upper Montclair, N. J. Casement window protection. 1,902,335; Mar. 21.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America, New York, N. Y. Coating composition and film produced thereby. 1,902,256; Mar. 21.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America. Derivative of cellulose composition. 1,902,257; Mar. 21.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America, New York, N. Y. Synthetic resin and making the same. 1,920,100; July 25.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America. Laminated glass and making the same. 1,923,111; Aug. 22.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America. Forming a diphenylol naphthene. 1,929,209; Oct. 3.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America. Composition containing cellulose derivatives. 1,929,210; Oct. 3.
- Moss, William H., Cumberland, Md., assignor to Celanese Corporation of America, New York, N. Y. Coating and product thereof. 1,929,559; Oct. 10.
- Moss, William H., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America, New York, N. Y. Coating composition and film produced thereby. 1,902,255; Mar. 21.
- Moss, William H., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Toluene sulphonamide aldehyde resin and making the same. 1,907,554; May 9.
- Moss, William H. and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Producing toluene sulphonamidaldehyde resins. 1,908,159; May 9.
- Moss, William H., and G. W. Seymour, Cumberland, Md., assignors to Celanese Corporation of America. Berlin and coating or plastic composition containing the same. 1,940,727; Dec. 26.
- Mossberg, Frank, Attleboro, Mass. Bobbin. 1,924,745; Aug. 29.
- Mossberg, Frank, Attleboro, Mass. Beam. 1,928,387; Sept. 26.
- Mossberg Pressed Steel Corporation. (See Johnson, L. B., and Brownlow, assignors.)
- Mosshart, Donald J., Lansdowne, Pa. assignor to Westinghouse Electric & Manufacturing Company. Combustion apparatus. 1,902,372; Mar. 21.
- Mosshart, Donald J., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Refuse disposal apparatus. 1,910,852; May 23.
- Most, Lucifer J., Kearny, N. J. Producing seamless celluloid articles from bars of celluloid. 1,940,223; Dec. 19.
- Mostaza, Paulino, Newark, N. J. Vehicle brake. 1,897,863; Feb. 14.
- Mostertz, Ferdinand W., Philadelphia, Pa. Pile fabric and weaving same. 1,914,278; June 13.
- Mostertz, Ferdinand W., Philadelphia, Pa. Loop pile fabric. 1,934,942; Nov. 14.
- Motch & Merryweather Machinery Company, The. (See Binig, Alvin B., assignor.)
- Motelet, Joseph P., Spring Green, Wis. Golf bag support. 1,925,493; Sept. 5.
- Motherwell, Joseph W., Melrose, assignor to The Ashton Valve Company, Cambridge, Mass. Illuminated gauge. 1,915,942; June 27.
- Motherwell, Joseph W., Melrose, assignor to The Ashton Valve Company, Cambridge, Mass. Gauge. 1,933,383; Oct. 31.
- Motion Displays, Inc. (See Ruckelshaus, John G., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Adams, Clark M., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Blodgett, George R., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Brietzke, Adrian, assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Cheney, Moses E., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Collins, William A., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Hurley, Roy T., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Manuel, Charles J., assignor.)
- Moto Meter Gauge & Equipment Corporation. (See Townsend, G. H., and Hurley, assignors.)
- Motor and Plane Accessories, Inc. (See Stanley, Edgar C., assignor.)
- Motor Car Advertising Device Co. (See Dobrowsky, Emmanuel, assignor.)
- Motor City Spring Co. (See Stevens, Robert L., assignor.)
- Motor Devices, Incorporated. (See Trail, Herbert H., assignor.)
- Motor Devices, Inc. (See Williams, William J., assignor.)
- Motorenfabrik Deutz Aktiengesellschaft. (See Lindenberg, Carl, assignor.)
- Motorenfabrik Deutz, Aktiengesellschaft. (See Müller, Rudolf, assignor.)
- Motoren-Werke Mannheim Aktiengesellschaft vorm. Benz Abt. Stationärer Motorenbau. (See Dotterweich, Georg, assignor.)

- Motor Improvements, Inc. (See Irwine, Robert L., assignor.)
- Motor Improvements, Inc. (See Liddell, Robert P. F., assignor.)
- Motor Improvements, Inc. (See Williams, Lewis W., assignor.)
- Motor Jack Corp. (See Gutmann, John, jr., assignor.)
- Motor Owners Petrol Combine Limited. (See Jones, Norman C., assignor.)
- Motor Products Corporation. (See Kellogg, Homer G., assignor.)
- Motor Products Corporation. (See Pritchard, William S., assignor.)
- Motor Products Corporation. (See Thunder, Harold G., assignor.)
- Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Hunt, J. H., and Horn, assignors.)
- Motor Wheel Corporation. (See Piatt, Howard I., assignor.)
- Motor Wheel Corporation. (See Stough, Charles R., assignor.)
- Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
- Mott, Abram C. jr., Lansdale, Pa. Furnace hot water section. Des. 91,142; Dec. 5.
- Mott, Chester, Denver, Colo., and G. G. Spencer, Los Angeles, Calif., assignors, by mesne assignments, to Union Carbide and Carbon Research Laboratories, Inc. Pressure regulator. 1,921,632; Aug. 8.
- Mott, Frederick R., Wyncote, assignor of one-third to L. A. Von Seldeneck, Elkins Park, Pa., and one-third to H. Weissinger. Automatic fluid control valve. 1,896,676; Feb. 7.
- Mott, Frederick W., and H. J. Mott, Hollis, N. Y. Curtain and drapery support for windows. 1,933,994; Nov. 7.
- Mott, Harriet J. (See Mott, Frederick W., and H. J.)
- Mott, Harriet J., Hollis, N. Y. Umbrella holder. 1,904,510; Apr. 18.
- Mott, Samuel B., Noblesville, assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Conveying and unpacking cans and the like. 1,906,126; Apr. 25.
- Mott, Samuel B., Noblesville, assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Packaging cans and the like. 1,935,249; Nov. 14.
- Mott, Stanley F., Leamington-Hastings, near Rugby, England. Trailer. 1,896,717; Feb. 7.
- Mottlau, August J., Pittsburgh, Pa. Electrical protective device. 1,929,253; Oct. 3.
- Mottlau, August J., Pittsburgh, Pa. Variable speed transmission. 1,938,605; Dec. 12.
- Mottu, Richard C. (See Wolfe, Oliver P., assignor.)
- Mottweiler, Oliver F., assignor to General Insulating and Manufacturing Company, Alexandria, Ind. Pipe covering. 1,895,420; Jan. 24.
- Mottweiler, Oliver F., assignor to General Insulating and Manufacturing Company, Alexandria, Ind. Apparatus for and method of manufacturing insulating material from mineral wool. 1,916,011; June 27.
- Mottweiler, Oliver F., and C. D. Richardson, Gimco City, Ind., assignors to General Insulating and Manufacturing Company, St. Louis, Mo. Method of and apparatus for treating insulating materials. 1,928,388; Sept. 26.
- Motyl, Joseph, assignor to Dictaphone Corporation, Bridgeport, Conn. Twin-phonograph. 1,909,839; May 16.
- Mougeotte, Auguste A. G., Melay, France. Seat structure. 1,928,498; Sept. 26.
- Mougey, Harry C., assignor to General Motors Research Corporation, Detroit, Mich. Metal cleaving composition. 1,897,813; Feb. 14.
- Moulded Pulp Corporation. (See White, Ronald D., assignor.)
- Moulding, Thomas G., assignor to United Air Cleaner Corporation, Chicago, Ill. Air cleaner. 1,896,640; Feb. 7.
- Moulding, Thomas G., and J. T. Beatty, Chicago, assignors, by mesne assignments, to R. J. Beatty, Highland Park, Ill. Air cleaner. 1,922,816; Aug. 15.
- Moulet, Jean L. A. A., Boulogne-sur-Seine, assignor to Martin, Moulet & Cie, Oullins, France. Pump. 1,938,854; Dec. 12.
- Moulin, Gabriel. (See Lathe, Fred A., assignor.)
- Moulton, Albert B., Riverhead, N. Y., assignor to Radio Corporation of America. Uni-control heterodyne receiver. 1,907,555; May 9.
- Moulton, Albert B., Riverhead, N. Y., assignor to Radio Corporation of America. Electron tube circuits. 1,938,664; Dec. 12.
- Moulton, Evelyn L. (See Moulton, Herbert A. and E. L.)
- Moulton, Herbert A. and E. L., Plymouth, N. H. Pencil sharpener. 1,916,889; July 4.
- Moulthrop, Leroy E. (See McEwen, N. S., and Moulthrop.)
- Moulton, Rollin H., Berwyn, Ill. Shock absorber. 1,923,011; Aug. 15.
- Moulton, Rollin H., Berwyn, Ill. Shock absorber. 1,930,687; Oct. 17.
- Moungelis, Stefanos Stavrou, New Haven, Conn. Detachable hook. 1,912,950; June 6.
- Mount, Morris B., Lynchburg, Va. Preparation of caustic liquor. 1,900,253; Mar. 7.
- Mount, Morris B., Lynchburg, Va. Filter. 1,929,510; Oct. 10.
- Mount, Walter M., and M. F. Waters, assignors to Hanlon-Waters, Inc., Tulsa, Okla. Combination separator. 1,916,065; June 27.
- Mountcastle Knitting Co. (See Crane, Edward J., assignor.)
- Mourmotsseff, Ilia E., and G. V. Rylsky, Wilkesburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Grid lead-in construction. 1,915,863; June 27.
- Moussier, Léandre, Paris, France. Foot operated platen lifting device for calculating machines. 1,918,416; July 18.
- Mouton, Jacques, administrator. (See Mouton, Paul.)
- Mouton, Paul, deceased, by J. Mouton, administrator, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 89,603; Apr. 11.
- Mouton, Paul, deceased, by J. Mouton, administrator, Paris, France, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 89,604; Apr. 11.
- Mowbray, Edward. (See Thomas, A., and Mowbray.)
- Mowbray, Robert T., Waterloo, Iowa. Soil shaping side attachment for road grading apparatus. 1,910,120; May 23.
- Mowe, Friederich, Melrose Park, Ill. Indicating the position of submarine craft. 1,897,395; Feb. 14.
- Mowry, Edward, Rock Falls, Ill., assignor to International Harvester Company. Gang adjusting means for disk barrows. 1,913,036; June 6.
- Mowry, William F., Wallingford, assignor to International Silver Company, Meriden, Conn. Mounting for hand mirrors and similar articles. 1,940,502; Dec. 19.
- Moxey, John G., Philadelphia, Pa. Tank. 1,906,996; May 2.
- Moxley, Stephen D. (See Barr, C. D., and Moxley.)
- Moxley, Stephen D. (See Barr, C. D., Moxley, and Houghton.)
- Moyer, Amos F., assignor to Toro Manufacturing Company, Minneapolis, Minn. Lawn mower. 1,900,726; Mar. 7.
- Moyer, Amos F., assignor to Toro Manufacturing Company, Minneapolis, Minn. Reversing mechanism. 1,938,855; Dec. 12.
- Moyer, J. Bird, Co., The. (See Engelfried, Charles, assignor.)
- Moyer, William H., West Lawn, assignor to Textile Machine Works, Wyomissing, Pa. Centrifugal clutch. 1,910,352; May 23.
- Moylan, Joseph J., Kansas City, Mo. Device for lifting valves and manhole covers. 1,933,384; Oct. 31.
- Moyle, James R., South Jacksonville, Fla. Electric heater. 1,916,066; June 27.
- Moyse, Hollis W., New Brunswick, N. J., assignor to Du Pont Film Manufacturing Corporation, Wilmington, Del. Multipack negative system. 1,900,459; Mar. 7.
- Moyse, William H., Oshawa, Ontario, Canada. Crankcase ventilation. 1,937,031; Nov. 28.
- Moyeses, Harry E., et al. (See Davis, Maurice E., assignor.)
- Mross, Edward, assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Food mixer support. 1,932,747; Oct. 31.
- Muchenberger-Wittlinger, Karl, Riehen, near Basel, Switzerland. Single axle tipping trailer. 1,894,320; Jan. 17.
- Muchmore, William H., Fremont, assignor to G. Mefort, Lisbon, Ohio. Dispenser for binding slips. 1,911,236; May 30.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Spring frog. 1,905,736; Apr. 25.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Paving tile. 1,916,631; July 4.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Bearing. 1,928,359; Sept. 26.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Brake beam. 1,928,360; Sept. 26.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Packing. 1,928,361; Sept. 26.
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Piston construction. 1,930,654; Oct. 17.
- Muehnic, Henry E., assignor to Locomotive Finished Material Company, Atchison, Kans. Bearing. 1,930,655; Oct. 17.
- Muehnik, Samuel. (See Johnston, G. W., and Muehnik.)
- Mudd, Frank X., Chicago, Ill. Poultry car. 1,913,243; June 6.
- Mudd, Garrett W., Chicago, Ill., assignor, by mesne assignments, to Standard-Knapp Corporation of New York. Packaging machine. 1,935,409; Nov. 14.
- Mudd, Rolla E., Chicago, Ill. Cigarette case. 1,896,008; Jan. 31.
- Mudge, Charles A., Elizabeth, assignor to Electro Dynamic Company, Bayonne, N. J. Commutator. 1,922,317; Aug. 15.
- Mudge, Charles A., Elizabeth, assignor to Electro Dynamic Company, Bayonne, N. J. Electrical machinery. 1,929,755; Oct. 10.

- Mudge, Charles A., Elizabeth, assignor to Electro Dynamic Company, Bayonne, N. J. Pole piece. 1,929,787; Oct. 10.
- Muehl, Martin, Salt Lake City, Utah. Pumping valves and system. 1,912,589; June 6.
- Muehr, Herman J., Lake Bay, Wash. Hen's nest. 1,925,456; Sept. 5.
- Muehler, Manfred W., Brooklyn, assignor to Signal Engineering and Manufacturing Company, New York, N. Y. Selective control circuit for alarm systems. 1,909,212; May 16.
- Muelhens, Paul P. (See Kahn, Leopold, assignor.)
- Mueller, August J., Yankton, S. Dak. Automotive vehicle heater. 1,910,401; May 23.
- Mueller, Augusto E., Chicago, Ill. Portable therapeutic apparatus. 1,936,405; Nov. 21.
- Mueller Brass Co. (See Lindquist, David E., assignor.)
- Mueller Brass Co. (See Lindquist, D. E., and Robinson, assignors.)
- Mueller Brass Co. (See Rader, Harold K., assignor.)
- Mueller Brass Co. (See Robinson, Ward M., assignor.)
- Mueller Brass Co. (See Young, L. M., Eusey, and Lindquist, assignors.)
- Mueller, Carl, Berlin-Charlottenburg, Germany. Controlling radiations. 1,906,803; May 2.
- Mueller, Charles. (See Appenheimer, Carl J., assignor.)
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Adjustable throw eccentric. 1,903,932; Apr. 18.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Seam. 1,903,933; Apr. 18.
- Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 1,905,391; Apr. 25.
- Mueller Co. (See Brandriff, Alfred, assignor.)
- Mueller Co. (See Groeniger, William C., assignor.)
- Mueller Co. (See Mueller, F. H., and Condé, assignors.)
- Mueller Co. (See Mueller, F. H. and R. H., assignors.)
- Mueller Co. (See Mueller, F. H., and Simpson.)
- Mueller Co. (See Mueller, Robert H., assignor.)
- Mueller Co. (See Mueller, R. H., and Albert, assignors.)
- Mueller Co. (See Mueller, R. H., and Cushman, assignors.)
- Mueller Co. (See Reedy, Emmett M., assignor.)
- Mueller Co. (See Simpson, J. W., and Mueller, assignors.)
- Mueller Co. (See Sutliff, James T., assignor.)
- Mueller-Cunradi, Martin. (See Runge, F., and Mueller-Cunradi.)
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and H. Soenken, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of 1,3-butylene glycol. 1,907,855; May 9.
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and E. Ober, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of diolefines. 1,923,569; Aug. 22.
- Mueller-Cunradi, Martin and R. Werner, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Purification of crude paraffin wax. 1,930,468; Oct. 17.
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, O. Eisenhut, Heidelberg, and H. Schilling, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of gases containing unsaturated hydrocarbons. 1,938,083; Dec. 5.
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and W. Wilke, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Additional agent for motor fuels. 1,940,096; Dec. 19.
- Mueller, Edward C., assignor to Sterling Wheelbarrow Company, Milwaukee, Wis. Continuous object forming press. 1,921,200; Aug. 8.
- Mueller, Emil. (See Fassnacht K., and Mueller.)
- Mueller, Emil L., Rutherford, N. J. Adjustable quick-change electroholder for use in printing machines. 1,915,943; June 27.
- Mueller, Emil M., assignor to C. P. Goerz American Optical Company, New York, N. Y. Camera. 1,892,846; Jan. 3.
- Mueller, Frank H. (See Simpson, J. W., and Mueller.)
- Mueller, Frank H. and R. H., assignors to Mueller Co., Decatur, Ill. Expandible plug valve. 1,909,303; May 16.
- Mueller, Frank H., and L. Condé, assignors to Mueller Co., Decatur, Ill. Inserting valve. 1,911,708; May 30.
- Mueller, Frank H., and J. W. Simpson, assignors to Mueller Co., Decatur, Ill. Plug stop. 1,916,632; July 4.
- Mueller, Fritz. (See Jaenecke, E., and Mueller.)
- Mueller, Hans, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Wurttemberg, Germany. Cavitation free fluid joint. 1,924,621; Aug. 29.
- Mueller, Herman G., assignor to Skinner Engine Company, Erie, Pa. Steam engine inlet valve gear. 1,927,524; Sept. 19.
- Mueller, Herman G., assignor to Skinner Engine Company, Erie, Pa. Reversing valve gear. 1,927,525; Sept. 19.
- Mueller, Herman G., assignor to Skinner Engine Company, Erie, Pa. Exhaust valve mechanism. 1,927,526; Sept. 19.
- Mueller, Herman G., assignor to Skinner Engine Company, Erie, Pa. Valve gear. 1,927,527; Sept. 19.
- Mueller, Hilmar, assignor to The Mueller Machine Company, Trenton, N. J. Apparatus for manufacturing ceramic articles. 1,901,923; Mar. 21.
- Mueller, Homer L. (See Kranz, H. W., and Mueller.)
- Mueller, Homer L., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Making annular metallic structures. 1,931,151; Oct. 17.
- Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Making disk wheels. 1,931,152; Oct. 17.
- Mueller, Homer L., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Making frame rings. 1,931,153; Oct. 17.
- Mueller, Jacob L., York, Pa. Pumping system for oil burners. 1,933,820; Nov. 7.
- Mueller, John, Chicago, Ill. Hair curler. 1,900,360; Mar. 7.
- Mueller, Julius. (See Nawiasky, P., and Mueller.)
- Mueller, L. J., Furnace Company. (See Jones, Edwin A., assignor.)
- Mueller Machine Company, The. (See Mueller, Hilmar, assignor.)
- Mueller, Manfred, Hamburg. (Niederrhein) assignor to Sachleben Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Manufacturing barium sulphate of definite granule size. 1,915,748; June 27.
- Mueller, Paul F., Ocean Park, assignor to H. C. Parrish, H. P. Page and W. T. Hodge, as receivers for Richmond Cedar Works, Richmond, Va. Hoisting sling. 1,931,931; Oct. 24.
- Mueller, Richard P., New York, N. Y. Control mechanism for aircraft. 1,900,068; Mar. 7.
- Mueller, Richard W., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Balanced relief valve construction. 1,928,071; Sept. 26.
- Mueller, Robert A., Houston, Tex. Combination tubing hanger and blow-out preventer. 1,909,304; May 16.
- Mueller, Robert H. (See Mueller, Frank H. and R. H.)
- Mueller, Robert H., assignor to Mueller Co., Decatur, Ill. Forming a pipe joint. 1,918,417; July 18.
- Mueller, Robert H., assignor to Mueller Co., Decatur, Ill. Meter hanger. 1,936,852; Nov. 28.
- Mueller, Robert H., Decatur, Ill., and A. V. Cushman, Washington, D. C., assignors to Mueller Co., Decatur, Ill. Meter hanger. 1,926,752; Sept. 12.
- Mueller, Robert H., and C. B. Albert, assignors to Mueller Co., Decatur, Ill. Spray head. 1,934,553; Nov. 7.
- Mueller, Wilhelm, Gleiwitz, Germany. Apparatus for mixing gaseous and liquid substances. 1,936,308; Nov. 21.
- Mueller, William N., Fredericksburg, Iowa. Air forcing apparatus for air furnaces. 1,903,552; Apr. 11.
- Muench, Carl G., New Orleans, La., assignor to The Celotex Company, Chicago, Ill. Pulper. 1,928,601; Sept. 26.
- Muench, Eduard, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of compositions resembling celluloid. 1,894,781; Jan. 17.
- Muench, Eduard, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hydraulic brake fluid. 1,898,564; Feb. 21.
- Muend, Charles J., Philadelphia, Pa. Beverage faucet. Dec. 90,448; Aug. 8.
- Muend, Charles J., Philadelphia, Pa. Beverage faucet. Dec. 90,449; Aug. 8.
- Muenz, Ferdinand. (See Guenther, F., Muenz, and Haussmann.)
- Mueser, Charles, Verona, assignor to H. T. Shriver, trading as Firm of T. Shriver & Company, Harrison, N. J. Pump diaphragm. 1,923,740; Aug. 22.
- Muff, Oliver W., assignor to Commercial Iron Works of Los Angeles, Los Angeles, Calif. Orifice fitting. 1,938,460; Dec. 5.
- Muffey, Harry A., Minneapolis, Minn., and F. F. McLeer, Gordon, Wis., assignors to Log Cottage Company, Minneapolis, Minn. Log house. 1,902,309; Mar. 21.
- Muffy, Glenn, Richmond, Mich., assignor to Copeland Products, Inc. Refrigerating apparatus. 1,921,576; Aug. 8.
- Muffy, Glenn, assignor to Copeland Products, Inc., Detroit, Mich. Mechanically refrigerated water cooler. 1,934,371; Nov. 7.
- Muffy, Glenn, Detroit, Mich., assignor to Copeland Products, Inc. Refrigerating mechanism. 1,895,859; Jan. 31.
- Mugnani, Italo, Pehuajo, Argentina. Display device for motor vehicles. 1,898,641; Feb. 21.
- Muhlbach, Walter E., Oak Park, Ill., assignor to The Kendall Company, Boston, Mass. Spool and container therefor. 1,939,718; Dec. 19.
- Muhleisen, Karl, assignor to Schutte and Koerting Company, Philadelphia, Pa. Duplex strainer. 1,919,031; July 18.
- Muhlenbrock, Herman, executor, et al. (See Kaltenbach, Charles E.)
- Mühlendyck, Wilhelm, Dortmund, Germany. Removing naphthalene from gases. 1,937,460; Nov. 28.
- Muhlfeld, John E., Scarsdale, N. Y. Steam boiler structure. 1,901,465; Mar. 14.
- Muir, Andrew, and F. Cross, Saltcoats, Saskatchewan, Canada. Copyholder. 1,933,023; Oct. 31.
- Muir, Herbert, Louisville, Ky. Locomotive driver brake indicator. 1,928,732; Oct. 3.

- Muir, John, Beith, Scotland. Shock shifter hub. 1,898,593; Feb. 21.
- Muir, John C., Carluke, and R. Loudon, Cleland, Scotland. Weather excluding device for closures. 1,923,839; Aug. 22.
- Muir, John C., Carluke, and R. Loudon, Cleland, Scotland. Sash cord fastener. 1,932,906; Oct. 31.
- Muir, William P., assignor to Dominion Engineering Works Limited, Montreal, Quebec, Canada. Oscillating suction box. 1,937,478; Nov. 28.
- Muirhead, John R., Kirkcaldy, and J. W. Mills, Adelaide, South Australia, Australia. Pump. 1,893,433; Jan. 3.
- Mulcahy, Neil, San Francisco, Calif. Fireplace construction and damper therefor. 1,928,499; Sept. 26.
- Mulder, Cornelis, A. H., assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Transmission between two shafts with regulable gear ratio. 1,897,436; Feb. 14.
- Mulder, Jentje, Detroit Mich. Air cooled brake. 1,922,318; Aug. 15.
- Mulder, Johannes G. W. (See de Groot, W., and Mulder.)
- Mulder, Johannes G. W. (See Dobben, P. W., Mulder, and Oosterhuis.)
- Mulder, Johannes G. W., Windhoven, Netherlands, assignor to Radio Corporation of America. Insulation in electric discharge tubes. 1,922,674; Aug. 15.
- Muldoon, Anthony M., Englishtown, N. J. Rug. 1,916,932; July 4.
- Muldoon, Bernard F., Mountain View, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Receptacle for electric plugs. 1,908,997; May 16.
- Muldoon, Bernard F., Mountain View, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Flash light. 1,913,946; June 13.
- Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Christmas tree base. 1,914,150; June 13.
- Muldoon, Bernard F., Mountain View, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Receptacle for electric plugs. 1,915,070; June 20.
- Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Hand lamp. 1,926,108; Sept. 12.
- Muldoon, Bernard F., Mountain View, N. J., and J. E. Johnson, assignors to H. Hyman, Brooklyn, N. Y. Flash light. 1,920,314; Aug. 1.
- Mulford, Roland H. (See Wallace, Donald J., assignor.)
- Mulhern, William A., assignor to Chrysler Corporation, Detroit, Mich. Lubricant seal. 1,918,121; July 11.
- Mulholland, Vergil, West Hartford, Conn. assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 1,900,362; Mar. 7.
- Mulholland, Vergil, West Hartford, Conn. Method of and apparatus for supplying glass. 1,913,311; June 6.
- Mulholland, Vergil, West Hartford, Conn. assignor to Hartford-Empire Company, Hartford, Conn. Glass melting furnace. 1,941,410; Dec. 26.
- Mulholland, Vergil, West Hartford, Conn. assignor to Hartford-Empire Company, Hartford, Conn. Regenerative glass melting furnace and burner control mechanism therefor. 1,941,411; Dec. 26.
- Mulholland, Vergil, West Hartford, and A. R. Hunter, assignors to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 1,900,361; Mar. 7.
- Mulhollen, Scott W., Bellwood, Pa., assignor of one-third to Emory L. Groff, Washington, D. C. Shaving brush. 1,896,589; Feb. 7.
- Mullaney, John F., Colorado Springs, Colo. Strainer or filter for fluids, as for milk or water. 1,898,382; Feb. 21.
- Mulkey, Philip O., Grosse Pointe, Mich. Vessel for containing fluids under pressure. 1,929,511; Oct. 10.
- Mulleagus, Thomas, Omaha, Nebr. Permanent waving rod. 1,909,305; May 16.
- Mullen, Benjamin J., Columbiana, Ohio. Apparatus for detecting leaks in a cooling system. 1,915,576; June 27.
- Mullen, Charles A., Montreal, Quebec, Canada. Manufacture of pavements. 1,929,388; Oct. 3.
- Mullen, George W., Flushing, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Apparatus for processing. 1,927,043; Sept. 19.
- Mullen, James T., assignor to The Dymont Company, Cleveland, Ohio. Tire stand. 1,917,596; July 11.
- Mullen, Thomas J., and W. C. Powell, assignors to O. M. Poock, doing business as The City Machine & Tool Works, Dayton, Ohio. Gear polishing machine. 1,915,749; June 27.
- Müller, Alfred E., Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Prime mover electric drive system. 1,933,870; Nov. 7.
- Müller, C. H. F., Aktiengesellschaft. (See Daumann, Karl W., assignor.)
- Müller, C. H. F., Aktiengesellschaft. (See Franke, Heinrich, assignor.)
- Müller, C. H. F., Aktiengesellschaft. (See Völkel, Leopold, assignor.)
- Müller, Carl W., Dresden-Weisser Hirsch, Germany. Apparatus for depositing groups or rows of cigarettes in receptacles. 1,926,554; Sept. 12.
- Müller, Carl W., Dresden-Weisser Hirsch, assignor to the Firm Universelle Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Method of and apparatus for the production of covered boxes. 1,920,761; Aug. 1.
- Müller, Charles A., Brooklyn, N. Y. Internal combustion engine. 1,931,505; Oct. 24.
- Müller-Clemm, Hellmuth, assignor to the Firma Zellstoff-fabrik Waldhof, Mannheim-Waldhof, Germany. Apparatus for the continuous control of the properties of solid bodies dispersed in a liquid. 1,902,659; Mar. 21.
- Müller, Emil, Scheveningen, and L. Schmidt, The Hague, Netherlands, assignors, by mesne assignments, to Edgar W. Brandt, Paris, France. Pointer sighting device. 1,936,967; Nov. 28.
- Muller, Ernst F., assignor to The Jeffery Manufacturing Company, Columbus, Ohio. Mine conveyer. 1,919,302; July 25.
- Muller, Ernst F., assignor to The Jeffery Manufacturing Company, Columbus, Ohio. Mining machine. 1,934,813; Nov. 14.
- Muller, Frans G. D., assignor to The Staytite Company, Houston, Tex. Flame arrester. 1,902,258; Mar. 21.
- Müller, Frederick W., Hoboken, N. J., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Bottle filling machine and method. 1,919,665; July 25.
- Müller, Friederich, Elizabeth, N. J., assignor to The Whitney Mfg. Co., Hartford, Conn. Automatic chain assembling means. 1,899,976; Mar. 7.
- Müller, Friederich, Elizabeth, N. J., assignor to The Whitney Mfg. Co., Hartford, Conn. Machine for forming gears and the like. 1,909,840; May 16.
- Müller, Fritz. (See Kutschke, J., and Müller.)
- Müller, Fritz, Frankfurt-on-the-Main-Nied., Germany. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,929,328; Oct. 3.
- Muller, George G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,909,375; May 16.
- Muller, George J., Baltimore, Md. Steam boiler. 1,894,782; Jan. 17.
- Müller, Gustav. (See Ledig, W., Müller, and Breunig.)
- Müller, Hans, Langenfeld, Germany. Caster. 1,931,446; Oct. 17.
- Müller, Hans, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrode connection for discharge tubes. 1,932,635; Oct. 31.
- Müller, Heinrich, Altona-Bahrenfeld, and F. Muth, Blankenese, assignors to the Firm Reemtsma-Cigarettenfabriken G. m. b. H., Altona-Bahrenfeld, Germany. Storing cut tobacco. 1,915,545; June 27.
- Müller, Hermann. (See Klatte, F., and Müller.)
- Müller, Jens, Hanau-on-the-Main, W. Luce, Höchst-on-the-Main, and F. Schulte, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacturing ortho-arylcarboxyamido-thioglycollic acids. 1,928,733; Oct. 3.
- Müller, Johann J., assignor to Dr. F. G. Schumacher, Basel, and Hans Keyser, Aarau, Switzerland. Machine for dyeing, bleaching, and the like of loose yarns or bobbins. 1,902,042; Mar. 21.
- Müller, Johannes, assignor to "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Homberg-on-the-Lower-Rhine, Germany. Purifying of natural heavy spar. 1,900,994; Mar. 14.
- Müller, Johannes, assignor to "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie, Homberg-on-the-Lower-Rhine, Germany. Purifying of natural heavy spar. 1,923,497; Aug. 22.
- Müller, John H., Secane, assignor to International Resistance Company, Philadelphia, Pa. Silver plating compound and method of silver plating. 1,922,387; Aug. 15.
- Müller, Josef, Weissenstein-ob-der-Drau, Austria. Apparatus for obtaining hydrogen peroxide by distillation. 1,924,954; Aug. 29.
- Müller, Josef, Weissenstein ob der Drau, Austria. Treatment of seeds for sowing. 1,927,988; Sept. 26.
- Müller, Josef, Weissenstein above the Drau, Austria, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Bleaching animal fibers. 1,937,710; Dec. 5.
- Müller, Karl H., Bronxville, N. Y. Smooth flow compensator. 1,893,434; Jan. 3.
- Müller, Louis, Truchtlöfingen Wurtemberg, assignor to Otto Aldinger, Stuttgart, Germany. Screw driver. 1,915,546; June 27.
- Müller, Oskar, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Mechanism for automatically selecting and severing the terminal threads of a stitched book or the like. 1,918,482; July 18.
- Müller, Oskar, assignor to Gebrüder Brehmer, Leipzig-Plagwitz, Germany. Mechanism for transporting section-spacing blocks in book-binding machines. 1,921,201; Aug. 8.
- Müller, Otto A., Ambler, Pa. Plant support. 1,893,335; Jan. 3.
- Müller, Otto M., Berlin, Germany. Chuck collet. 1,929,285; Oct. 3.
- Muller, Paul, Neuf-Brisach, Haut-Rhin, France. Bell swinging device. 1,921,090; Aug. 8.
- Müller, Paul, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Receiver apparatus for wireless communication. 1,918,819; July 18.
- Müller, Paul, Berlin-Friedrichshagen, Germany. Apparatus for projecting advertisements and the like. 1,931,825; Oct. 24.

- Müller, Richard, and M. Schenck, Mannheim, assignor to C. F. Boehringer & Soehne G. m. b. H., Mannheim, Waldhof, Germany. Controlling reaction between cellulose and other reagents. 1,910,176; May 23.
- Müller, Richard, Mannheim, A. Lübke, and H. N. Dieterich, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Production of acetic acid. 1,911,920; May 30.
- Muller, Robert, Pirna-Copitz, assignor to Chemische Fabrik Pott & Co., Dresden, Germany. Producing water-soluble condensation products and the products produced. 1,902,515; Mar. 21.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper feeding equipment for accounting machines. Re19,001; Nov. 14.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Multiple register calculating machine. 1,920,477; Aug. 1.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Aligning means for registering mechanism. 1,931,113; Oct. 17.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Automatic check-writing and numbering machine. 1,935,274; Nov. 14.
- Müller, Rudolf, Oberursel, near Frankfurt-on-the-Main, Germany, assignor to Motorenfabrik Deutz. Aktiengesellschaft, Kolin-Deutz, Germany. Cam operating means. 1,895,259; Jan. 24.
- Muller, Rudolph G., Irvington, N. J. Hat making machine. 1,902,516; Mar. 21.
- Muller, Rudolph G., Irvington, N. J. Stretching tong mechanism for hat blocking machines. 1,907,556; May 9.
- Müller, Ulrich, Kiel, Germany. Artificial production of fog. 1,895,765; Jan. 31.
- Müller, Ulrich, Kiel, Germany. Procedure and device for the protection of plants from frost and for the repression of vermin by artificial fog. 1,930,904; Oct. 17.
- Müller, Werner. (See Böger, O., and Müller.)
- Müller, Werner. (See Reddelien, G., and Müller.)
- Müller, Werner. (See Wahl, O., Müller, Kohn, and Teupel.)
- Müller, Werner, Leipzig, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of tertiary alkylol-arylamines. 1,930,858; Oct. 17.
- Müller, Wilhelm. (See Lang, H., and Müller.)
- Muller, Wilhelm, Enfield, near Sydney, New South Wales, assignor of one-third to Automatic Bread Baking Company Limited and one-third to Francis Hawkins, Sydney, Australia. Preparation of bread and the like for wrapping. 1,901,115; Mar. 14.
- Muller, Wolfgang C., Springfield, Vt. Hydraulic power transmission mechanism. 1,930,059; Oct. 10.
- Muller, Wolfgang C., Springfield, Vt. Pump or motor for hydraulic power transmission systems. 1,935,096; Nov. 14.
- Muller, Wolfgang C., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Speed control valve. 1,916,433; July 4.
- Mulligan, George E., Albany, N. Y. Container and making same. 1,925,930; Sept. 5.
- Mulligan, J. J. (See Colcord, F. F., and Mulligan.)
- Mulligan, Patrick J., Philadelphia, Pa., assignor to Scott Paper Company. Core structure. 1,930,250; Oct. 10.
- Mullin, George F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Expandable core. 1,927,803; Sept. 19.
- Mullin, Henry A., Westwood, Calif. Oil pressure safety appliance. 1,896,459; Feb. 7.
- Mullins, Ernest E., Stockport, England. Remote control apparatus for power driven boats. 1,925,000; Aug. 29.
- Mullins, Fred J., Piedmont, Calif. Fish handling device. 1,893,903; Jan. 10.
- Mullins Manufacturing Corporation. (See Beman, Ransom H., assignor.)
- Mullins Manufacturing Corporation. (See Beman, R. H., and Benson, assignors.)
- Mullins Manufacturing Corporation. (See Booth, Morris F., assignor.)
- Mullins Manufacturing Corporation. (See Conarroe, Shelton H., assignor.)
- Mullins Manufacturing Corporation. (See Engel, Edward, assignor.)
- Mullins Manufacturing Corporation. (See Kistner, Merrill M., assignor.)
- Mullins, Robert T., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Golf bag. 1,908,998; May 16.
- Mullins, William H., South Boston, Va. Adjustable display stand. 1,900,610; Mar. 7.
- Mullner, Edmund, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable condenser. 1,904,165; Apr. 18.
- Multicolor Ltd. (See Crespinel, William T., assignor.)
- Multicolor Ltd. (See Fairall, Harry K., assignor.)
- Multicolor Ltd. (See Fairall, H. K., and Crespinel, assignors.)
- Multigraph Company. (See Allen, William R., assignor.)
- Multigraph Company. (See Bond, Richard A., assignor.)
- Multigraph Company. (See Chisholm, Clifton, assignor.)
- Multigraph Company. (See Dietz, Valentin, assignor.)
- Multigraph Company. (See Hult, John A., and Colquhoun, assignors.)
- Multigraph Company. (See Klepper, Irving C., assignor.)
- Multigraph Company. (See Morse, Lawrence H., assignor.)
- Multigraph Company. (See Osborn, Henry C., assignor.)
- Multigraph Company. (See Rowell, George S., assignor.)
- Multigraph Company. (See Schultz, August L., assignor.)
- Multi-Hydro Washing Machine Company. (See Dehle, Otto T., assignor.)
- Multisort Company. (See Wright, Harold A., assignor.)
- Multistamp Company, The. (See Mason, William D., assignor.)
- Mulvany, Harry A., Berkeley, Calif. Conveyer. 1,928,339; Sept. 26.
- Mulvany, Harry A., and H. E. Kennedy, Berkeley, Calif. Process and apparatus for cleaning fruit. 1,916,633; July 4.
- Mulvihill, Daniel C., assignor to Hannibal Car Wheel & Foundry Company, Hannibal, Mo. Man-hole frame and cover. 1,926,595; Sept. 12.
- Mulvihill, Edgar. (See Kimbrough, Edwin W., assignor.)
- Mummert-Dixon Co. (See Dixon, Joseph O., assignor.)
- Münch, Carl, Duren, Germany. Producing abrasive paper and the like. 1,918,418; July 18.
- Münch, Eduard, F. Nicolai, R. Fick and W. Reppe, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing hydrocyanic acid. 1,922,492; Aug. 15.
- Munday, Horace D., Schenectady, N. Y. Truing apparatus. 1,918,483; July 18.
- Munday, Richard B., Oakwood, Ohio. Tennis racket. 1,919,072; July 18.
- Munday, Richard B., Dayton, assignor, by mesne assignments, to The Cincinnati Ball Crank Co., Cincinnati, Ohio. Non-decating liquid measure. 1,901,256; Mar. 14.
- Mundel, L., and Son, Inc. (See Villanyi, Charles M., assignor.)
- Mundie Manufacturing Co., The. (See Noles, Squire E., assignor.)
- Munford, Walter F. (See Myers, C. W., and Munford.)
- Mungen, Theodore, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Interchangeable sign. 1,921,202; Aug. 8.
- Munger, Henry A., Freeland, Mich. Bean harvester. 1,938,347; Dec. 5.
- Municipal Sanitary Service Corporation. (See Ralsch, W., and Fleck, assignors.)
- Munitex Corporation. (See Sticker, Ernst, assignor.)
- Munk, John C., and M. Zirmer, Portland, Oreg. Nonremovable closure for containers. 1,926,300; Sept. 12.
- Munk, Max M., Washington, D. C. Variable pitch propeller. 1,914,754; June 20.
- Munk, Paul. (See Wallach, Frederick, assignor.)
- Munkert, Emil, Esslingen-on-the-Neckar, Wurtemberg, assignor to F. Hopmeier, Stuttgart, Wurtemberg, Germany. Sliding window. 1,922,775; Aug. 15.
- Munn, Charles E., et al. (See Jones, Winfield S., assignor.)
- Munn Corporation, The. (See Munn, Elvin R., assignor.)
- Munn, Elvin R., Humansville, Mo., assignor to The Munn Corporation. Pump. 1,903,721; Apr. 11.
- Munn, Henry Q., Walkerville, Ontario, Canada, assignor to Du-More Tap and Tool Company. Grinder. 1,935,328; Nov. 14.
- Muñoz, Gonzalo C. (See Watson, D. M. and Muñoz.)
- Munro, Albert H., Buffalo, assignor to National Aniline and Chemical Company, Incorporated, New York, N. Y. Process and apparatus for mixing gases with liquid. 1,935,190; Nov. 14.
- Munro, Alexander, Belleville, assignor to St. Mungo Manufacturing Company of America, Newark, N. J. Making of golf balls. 1,940,009; Dec. 19.
- Munro, Alexander C., Britannia Beach, British Columbia, Canada. Ore concentration. 1,937,837; Dec. 5.
- Munro, Alexander L., and E. H. Ruppel, assignors to Smith Engineering Works, Milwaukee, Wis. Crusher head and mantle. 1,914,151; June 13.
- Munro, Alfred J., et al. (See Stocks, Harry B., assignor.)
- Munro, John W. (See Ceaton, Henry A., assignor.)
- Munro, Roderick B., Kingussie, Scotland. Removing spindles and cups from bicycle bearings and the like. 1,930,859; Oct. 17.
- Munro, Thomas, Philadelphia, Pa. Spring cover. 1,897,272; Feb. 14.
- Munro, Thomas, Philadelphia, Pa. Perforating device. 1,897,437; Feb. 14.
- Munro, Thomas, Philadelphia, Pa. Spring hanger cover. 1,906,401; May 2.
- Munro, Walter J., Scarsdale, N. Y. Sleeping garment for babies. 1,940,224; Dec. 19.
- Munroe, Treadway B., assignor to The Celotex Company, Chicago, Ill. Drying. 1,909,213; May 16.
- Munroe, Treadway B., and A. C. Lathrop, assignors to The Celotex Company, Chicago, Ill. Fiber storage and preservation. 1,920,129; July 25.
- Munroe, Treadway B., and W. Waterfall, assignors to The Celotex Company, Chicago, Ill. Building structure. 1,935,574; Nov. 14.
- Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Holddown for punch presses, shears or the like. 1,898,565; Feb. 21.
- Munson, Harry. (See Blanchard, R. L., and Munson.)
- Munson, Harry, Wantagh, assignor to Van Kannel Revolving Door Company, New York, N. Y. Silencer and regulator. 1,903,738; Apr. 11.

- Munson, Harry, Wantagh, assignor to Van Kannel Revolving Door Company, New York, N. Y. Speed regulator for revolving doors. 1,904,835; Apr. 18.
- Munson, Harry, Wantagh, assignor to Van Kannel Revolving Door Company, New York, N. Y. Cable lock for collapsible revolving doors. 1,933,821; Nov. 7.
- Munson, John M., Lakewood, assignor to The Dobeckmum Company, Cleveland, Ohio. Packaging articles. 1,899,207; Feb. 28.
- Munson, John M., and L. A. Becker, Lakewood, Ohio, assignors by mesne assignments to Du Pont Cellophane Company, Inc., New York, N. Y. Special container. 1,914,152; June 13.
- Munson, Willard T., assignor to Collins Supply and Equipment Company, Scranton, Pa. Oil guard for spinning rings. 1,914,279; June 13.
- Munsterer, Georg. (See Ortnier, O., Münsterer, Gebhardt, and Keller.)
- Munters, Carl G. (See von Platen, B. C., and Munters.)
- Munters, Carl G., Stockholm, Sweden, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,896,323; Feb. 7.
- Munters, Carl G., Stockholm, Sweden, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,896,324; Feb. 7.
- Munters, Carl G., Stockholm, Sweden, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Heat pump. 1,900,656; Mar. 7.
- Munters, Carl G., Stockholm, Sweden, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigeration. 1,903,934; Apr. 18.
- Munters, Carl G., Stockholm, Sweden, assignor to Electrolux Servel Corporation, New York, N. Y. Absorption refrigerating apparatus. 1,910,853; May 23.
- Munters, Carl G., Stockholm, Sweden, assignor to Electrolux Servel Corporation, New York, N. Y. Refrigerator. 1,910,854; May 23.
- Muntner, Joseph M. (See Buettner, R. J., Found. Muntner, Neitz, and Zanzig.)
- Muntz, Eric P., Hamilton, Ontario, Canada. Clamp for wire, rods, and the like. 1,910,121; May 23.
- Muntz, Eric P., Hamilton, Ontario, Canada. Wire cutting device. 1,910,627; May 23.
- Munz, Elmer G. (See Brooks, John A., assignor.)
- Munz, Elmer G. (See Munz, Harold R., assignor.)
- Munz, Elmer G., Detroit, Mich. Self-cleaning spray head. 1,899,711; Feb. 28.
- Munz, Elmer G., Detroit, Mich. Rotary spraying device. 1,919,244; July 25.
- Munz, Elmer G., Detroit, Mich. Sprinkler. 1,919,245; July 25.
- Munz, Elmer G., Detroit, Mich. Rotary sprinkler. 1,919,246; July 25.
- Munz, Elmer G., Detroit, Mich. Rotary sprinkler. 1,919,247; July 25.
- Münz, Ferdinand. (See Guenther, F., Münz, and Haussmann.)
- Münz, Ferdinand, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works Inc., New York, N. Y. Rendering harmless the precipitates formed by hard water. 1,901,321; Mar. 14.
- Munz, Harold R., assignor to E. G. Munz, Detroit, Mich. Rotary sprinkler. 1,919,243; July 25.
- Münzel, Heinrich. (See Lommel, W., and Münzel.)
- Murakami, Philip N., Waikane, Territory of Hawaii. Electric sadirom. 1,907,186; May 2.
- Murakami, Rikuji F., San Francisco, Calif. Automobile pedal signal switch. 1,908,780; May 16.
- Murakami, Rikuji F., Santa Barbara, Calif. Circuit closer for motor vehicles. 1,923,578; Aug. 22.
- Murasco, Joseph, assignor to The Made-Rite Manufacturing Co., Sandusky, Ohio. Stand for drink mixing devices. Des. 89,970; May 23.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Shearing machine. 1,920,999; Aug. 8.
- Murdoch, Alexander, jr. (See Murdoch, Alexander, assignor.)
- Murdoch, Alexander, and A. Murdoch, jr., Philadelphia, Pa. Humidifier. 1,898,785; Feb. 21.
- Murdoch, Donald G. (See Adam, W. G., and Murdoch.)
- Murdoch, Charles I., Ann Arbor, Mich. Hot air furnace. 1,912,397; June 6.
- Murdoch, Charles I., Ann Arbor, Mich. Furnace. 1,912,398; June 6.
- Murdoch, George R., Beverly Hills, F. O. Johnson and H. E. Wagner, assignors to B. E. Tingley, Los Angeles, Calif. Lighting apparatus for moving picture stages. 1,923,741; Aug. 22.
- Murdoch, Harold R., assignor to The Champion Fibre Company, Canton, N. C. Manufacture of fertilizers by alkaline digestion of cellulosic materials. 1,933,445; Oct. 31.
- Murdoch, Russell A., Los Angeles, Calif., assignor to Elliott Core Drilling Company. Coring device. 1,907,155; May 2.
- Murdoch, Russell A., and J. S. McKenna, Los Angeles, Calif., assignors to Elliott Core Drilling Company. Rock drill. 1,893,033; Jan. 3.
- Muren, F. C. (See Meyer, Gerhard, assignor.)
- Murgatroyd, John B. (See Wardley, T., and Murgatroyd.)
- Murnane, Daniel J., assignor to Non Pressure Glazing Company, Burbank, Calif. Plate glass holding bar. 1,893,713; Jan. 10.
- Murnane, William F., Chicago, and R. D. De Lamar, Berwyn, assignors to S. Karpen & Bros., Chicago, Ill. Machine for assembling springs. 1,921,319; Aug. 8.
- Muros, Joseph, New York, N. Y. Safety razor. 1,917,209; July 4.
- Muros, Joseph, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,897,707; Feb. 14.
- Muros, Joseph, New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,907,557; May 9.
- Muros, Joseph, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,912,155; May 30.
- Muros, Joseph, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,919,388; July 25.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. Re18,953; Sept. 19.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,900,069; Mar. 7.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,912,461; June 6.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Blade receptacle. 1,915,834; June 27.
- Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,918,227; July 11.
- Murphy, Floyd M., Adrian, Mich., assignor to Lenawee Textiles, Inc. Tufting machine. 1,913,560; June 13.
- Murphree, Mallory H., Owensboro, Ky. Cigarette machine. 1,915,437; June 27.
- Murphy, Alice C., assignor of one-half to Alfred David, New York, N. Y. Braided or plaited material. 1,923,551; Aug. 22.
- Murphy, Andrew W., Norwich, N. Y. Apparatus for saving radiator alcohol. 1,900,727; Mar. 7.
- Murphy, Arthur R. (See Gubelmann, I., and Murphy.)
- Murphy, Arthur R., Penns Grove, N. J., and J. B. Oesch, Vienna Austria, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Sulphonation of aromatic amines. Re18,873; June 20.
- Murphy, Charles B., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,934,084; Nov. 7.
- Murphy, Daniel, and G. F. Leiberger, New Castle, Pa. Air control device with automatic release. 1,892,734; Jan. 3.
- Murphy, Daniel H., West Hartford, Conn. Massage machine. 1,899,208; Feb. 28.
- Murphy, David P., Butler, Pa. Valve service rack. 1,907,435; May 9.
- Murphy, Demery A. (See Young, F. J., and Murphy.)
- Murphy, Demery A., Torrance, Calif., assignor to The National Supply Company, Toledo, Ohio. Ball joint steel hose coupling. 1,925,335; Sept. 5.
- Murphy, Demery A., Torrance, and A. J. Hodge, Lomita, Calif., assignors to The National Supply Company, Toledo, Ohio. Pressure packed swing joint. 1,920,658; Aug. 1.
- Murphy, Dorothy P., Babylon, N. Y. Composite fabric. Des. 90,292; July 11.
- Murphy, Edmund G., Chicago, Ill. Vacuum tube. 1,923,552; Aug. 22.
- Murphy, Edward A. (See Twiss, D. F., and Murphy.)
- Murphy, Edward A., U. S. Army, Raritan Arsenal, Metuchen, N. J. Fluid seal for rotatable members. 1,919,248; July 25.
- Murphy, Edward A., U. S. Army, Raritan Arsenal, Metuchen, N. J. Packing unit. 1,920,269; Aug. 1.
- Murphy, Edward A., Wyde Green, Birmingham, assignor to Dunlop Rubber Company Limited, Fort Dunlop, Birmingham, England. Rubber footwear. 1,907,856; May 9.
- Murphy, Edward A., Erdington, Birmingham, and E. W. B. Owen, Walmley, England, assignors to Dunlop Rubber Company Limited. Manufacture of rubber goods. 1,929,603; Oct. 10.
- Murphy, Edward A., Erdington, Birmingham, R. G. James, Selly Oak, Birmingham, and D. F. Twiss, Wyde Green, England, assignors to American Anode Incorporated, Akron, Ohio. Manufacture of articles of or containing rubber or similar materials. 1,894,629; Jan. 17.
- Murphy, Edward A., Erdington, Birmingham, E. W. B. Owen, Walmley, and D. F. Twiss, Wyde Green, England, assignors to Dunlop Rubber Company Limited, London, England. Manufacture of rubber articles. 1,921,130; Aug. 8.
- Murphy, Edward R., F. A. Benoit, and E. M. Barden, assignors to Packard Motor Car Company, Detroit, Mich. Stripping instrument. 1,906,880; May 2.
- Murphy, Edward D., Louisville, Ky. Bicycle newspaper bag rack. 1,900,070; Mar. 7.
- Murphy, Elizabeth J. (See Murphy, T. W., Otis, and Waddell, assignors.)
- Murphy, Everett E., Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole molding machine. 1,922,137; Aug. 15.
- Murphy, Francis, New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 89,406; Mar. 7.

- Murphy, George F., Schenectady, N. Y., assignor to General Electric Company. Making grid structures. 1,919,984; July 25.
- Murphy, George F., Scotia, N. Y., assignor to General Electric Company. Electron discharge apparatus. 1,937,355; Nov. 28.
- Murphy, George M., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car coupling. 1,902,043; Mar. 21.
- Murphy, George W., Wangaratta, Victoria, Australia. Attaching the uprights and members of scaffolding and other structures. 1,895,766; Jan. 31.
- Murphy, Henry J., Columbus, assignor to Bibb Manufacturing Company, Macon, Ga. Loom. 1,940,366; Dec. 19.
- Murphy, Henry M., Fairfield, Ala. Open hearth furnace. 1,917,807; July 11.
- Murphy, Howard J., Reading, Mass., assignor, by mesne assignments, to Alemite Composition, Chicago, Ill. Lubricating apparatus. 1,896,460; Feb. 7.
- Murphy, Howard J., Reading, Mass., assignor, by mesne assignments, to Alemite Corporation. Lubricating apparatus. 1,930,280; Oct. 10.
- Murphy, James F., assignor of one-half to Joseph W. Gleason, Lansing, Mich. Tubular frame extension ladder. 1,898,456; Feb. 21.
- Murphy, James F., assignor of one-half to J. W. Gleason, Lansing, Mich. Workman's cage for ladders. 1,926,696; Sept. 12.
- Murphy, James F., assignor of one-half to J. W. Gleason, Lansing, Mich. Extension ladder. 1,926,697; Sept. 12.
- Murphy, James J., New Haven, Conn. Air valve. 1,935,056; Nov. 14.
- Murphy, Jeremiah F. (See Burnes, Henry A., assignor.)
- Murphy, John F., Arnold, and P. Magrini, Belle Vernon, assignors to American Window Glass Company, Pittsburgh, Pa. Handling glass sheets. 1,931,700; Oct. 24.
- Murphy, John S., Monterey Park, Calif. Door. 1,935,887; Nov. 21.
- Murphy, Loren M. (See Baughman, G. L., and Murphy.)
- Murphy, M. O. (See Stroup, Edward D., assignor.)
- Murphy, Martin D. (See Marshall, C. M., and Mahin, assignors.)
- Murphy, Michael F., Newark, N. J. Plural chambered collapsible tube. 1,894,115; Jan. 10.
- Murphy, Michael J., et al. (See Guenther, George A., assignor.)
- Murphy, Mortimer T., Imlay, Nev. Fluid heat exchange system. 1,903,471; Apr. 11.
- Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
- Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)
- Murphy, Paul B., Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,901,403; Mar. 14.
- Murphy, Richard C. (See De Giers, Clarence A., assignor.)
- Murphy, Robert C. (See Etzenbouser, F. H., Murphy, and Tandy.)
- Murphy, Roy C., Grand Rapids, Mich. Pneumatic tire and fabricating same. 1,898,886; Feb. 21.
- Murphy, Shirley D. (See Westlund, A. F., and Murphy.)
- Murphy, Thomas W., and J. C. Otis, Pierpont, and W. G. Waddel, Webster; said Murphy assignor of one-third to E. J. Murphy, Pierpont, S. Dak. Supporting device for golf bags. 1,920,581; Aug. 1.
- Murphy Varnish Company. (See Kennedy, Paul S., assignor.)
- Murphy, Walter P., assignor to Hyde-Murphy Company, Ridgway, Pa. Flush door. 1,919,702; July 25.
- Murphy, Walter P., New York, N. Y., assignor to Railway Metal Products Company, Chicago, Ill. Freight car door. 1,923,791; Aug. 22.
- Murray, Alan R., assignor of one-third to W. J. Long and one-third to C. C. Katleman, Los Angeles, Calif. Variable spacer attachment for typewriters. 1,941,018; Dec. 26.
- Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Collodion for wet plate processes. 1,908,529; May 9.
- Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Metal casting from gelatin reliefs. 1,917,887; July 11.
- Murray, Arthur J., Minneapolis, Minn. Combination feeder and shipping carton. 1,916,230; July 4.
- Murray, Arthur J., Minneapolis, Minn. Convertible shipping carton. 1,940,010; Dec. 19.
- Murray Company, The. (See Behle, Joseph, assignor.)
- Murray Company, The. (See Skinner, L. A., and Day, assignors.)
- Murray Corporation, The. (See Rudecky, Edward H., assignor.)
- Murray Corporation of America, The. (See Boyd, Cecil E., assignor.)
- Murray Corporation of America, The. (See Coda, Christopher F., assignor.)
- Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
- Murray Corporation of America. (See Menton, Joseph B., assignor.)
- Murray Corporation of America, The. (See Northup, Amos E., assignor.)
- Murray Corporation of America, The. (See Smith, William E., assignor.)
- Murray Corporation of America, The. (See Vigmostad, Trygve, assignor.)
- Murray Corporation of America, The. (See West, Starling A., assignor.)
- Murray, D. J., Manufacturing Co. (See Payzer, Stanley D., assignor.)
- Murray, Daniel R., Cleveland, Ohio. Automatic mixing device. 1,937,582; Dec. 5.
- Murray, Edward H., Baldwin, N. Y. Game. 1,929,329; Oct. 3.
- Murray, Edward J., Philadelphia, Pa. Elevating and steering means for airplanes. 1,914,448; June 20.
- Murray, Ernest E. (See Myers, J. W., and Murray.)
- Murray, Ernest E., and A. D. Knapp, Jackson, Mich. Gear shift lever. 1,911,322; May 30.
- Murray, Frank, Reading, assignor to The Narrow Fabric Co., West Reading, Pa. Stop actuating mechanism for braiding machines. 1,925,996; Sept. 5.
- Murray, Frederick W., Atlantic City, N. J. Transmission device. 1,926,956; Sept. 12.
- Murray, George H., assignor to Nixon Nitration Works, Nixon, N. J. Curing of pyroxylin plastic material. 1,928,260; Sept. 26.
- Murray, Henry H., Riverton, assignor to Mechanical Improvements Corporation, Camden, N. J. Key holder. 1,898,202; Feb. 21.
- Murray, Herman S., Woodmere, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,163; June 20.
- Murray, Howard J., New York, N. Y., assignor to R. M. Company, Inc., East Pittsburgh, Pa. Steering wheel assembly. 1,922,493; Aug. 15.
- Murray, Howard J., New York, N. Y., assignor to R. M. Company, Inc., East Pittsburgh, Pa. Springless clutch synchronizer. 1,923,385; Aug. 22.
- Murray, Howard J., New York, N. Y., assignor to R. M. Company, Inc., East Pittsburgh, Pa. Clutch lock for synchronizers. 1,923,386; Aug. 22.
- Murray, Howard J., New York, N. Y., assignor to R. M. Company, Inc., East Pittsburgh, Pa. Shrouded synchronizer. 1,924,875; Aug. 29.
- Murray, Howard J., assignor to G. T. Walker, New York, N. Y. Polishing machine. 1,928,389; Sept. 26.
- Murray, Humphrey D. (See Spencer, D. A., Murray, and Oliver.)
- Murray, John F., et al. (See Bennett, Irving T., assignor.)
- Murray, John F., et al., administrators. (See Murray, Thomas E., assignor.)
- Murray, John F., et al., executors. (See Freiday, Jay A.)
- Murray, John F., executor, et al. (See Murray, Thomas E.)
- Murray, John F., et al., executors. (See Murray, Thomas E.)
- Murray, John F., executors, et al. (See Murray, T. E., and Lawrence.)
- Murray, Joseph B., et al. (See Bennett, Irving T.)
- Murray, Joseph B., et al., administrators. (See Murray, Thomas B.)
- Murray, Joseph B., executor, et al. (See Murray, Thomas E.)
- Murray, Joseph B., et al., executors. (See Murray, Thomas B.)
- Murray, Joseph B., executors, et al. (See Murray, T. E., and Lawrence.)
- Murray, Joseph B., et al., executors. (See Freiday, Jay A.)
- Murray, Joseph B., Brooklyn, N. Y., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, Radiator. 1,893,034; Jan. 3.
- Murray, Kay H., Chicago, Ill. Bag holder. 1,894,597; Jan. 17.
- Murray, Larkin A., Des Moines, Iowa. Manually adjustable ventilating door or like. 1,939,312; Dec. 12.
- Murray, Linwood A. (See Brown, T., and Murray.)
- Murray, Marshall H., and J. E. Nelson, Kansas City, Mo. Print guide. 1,910,353; May 23.
- Murray, Marvin S., et al. (See Poplin, R. T., assignor, and Bone.)
- Murray-Ohio Mfg. Company. (See Kraeft, Herman L., assignor.)
- Murray, Ralph L., Philadelphia, Pa. Balanced valve. 1,902,336; Mar. 21.
- Murray, Richard S., et al. (See Murray, William M., assignor.)
- Murray, Robert C. (See Halvorson, H. O., Schmitz, and Murray.)
- Murray, Stanley G., Passaic, and J. De Lotto, Belleville, assignors to Richardson Scale Company, Clifton, N. J. Boom scale. 1,925,773; Sept. 5.
- Murray, Stephen D., Dallas, Tex. Cotton cleaner and feeder. 1,918,774; July 18.
- Murray, Thomas E. (See Bennett, Irving T., assignor.)
- Murray, Thomas E. (See Freiday, Jay A., assignor.)
- Murray, Thomas E., jr., et al. (See Bennett, Irving T., assignor.)
- Murray, Thomas E., jr., et al., administrators. (See Murray, Thomas B.)
- Murray, Thomas E., jr., executor, et al. (See Murray, Thomas E.)
- Murray, Thomas E., jr., et al., executors. (See Murray, Thomas E.)
- Murray, Thomas E., jr., et al., executors. (See Murray, T. E., and Lawrence.)

- Murray, Thomas E., jr. (See Murray, Thomas E., and T. E., jr.)
- Murray, Thomas E., jr., et al., executors. (See Freiday, Jay A.)
- Murray, Thomas E., deceased, by Metropolitan Device Corporation, assignee, and T. E. Murray, jr., Brooklyn, N. Y. Mounting for switches and other electrical apparatus. Re18,985; Oct. 31.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors. Radiator. 1,895,482; Jan. 31.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, jr., J. B. Murray and J. F. Murray, Brooklyn, N. Y., executors, assignors to Metropolitan Engineering Company. Boiler and the like. Re18,748; Feb. 28.
- Murray, Thomas E., jr., Brooklyn, N. Y., assignor to Metropolitan Engineering Company. Manufacture of housings and the like. Re18,925; Aug. 22.
- Murray, Thomas E., jr., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. Switch and fuse mounting. 1,906,080; Apr. 25.
- Murray, Thomas E., deceased, Brooklyn, N. Y., by T. E. Murray, T. E. Murray, jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Boiler wall. 1,906,710; May 2.
- Murray, Thomas E., jr., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Welding hollow articles. 1,912,993; June 6.
- Murray, Thomas E., jr., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. High tension fuse. 1,917,315; July 11.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors, assignors to Metropolitan Device Corporation. Circuit breaker. 1,918,711; July 18.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, jr., and J. F. Murray, administrators, assignors to Metropolitan Engineering Company. Boiler construction. 1,922,599; Aug. 15.
- Murray, Thomas E., deceased, by T. E. Murray, jr., J. B. Murray and J. F. Murray, executors, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Boiler. 1,923,875; Aug. 22.
- Murray, Thomas E., jr., Brooklyn, N. Y., assignor to Metropolitan Engineering Company. Forming electrically welded hollow objects. 1,929,898; Oct. 10.
- Murray, Thomas E., deceased, Brooklyn, and J. H. Lawrence, New York, N. Y.; said Lawrence assignor to said Murray, J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Corporation. Heat-conducting element. 1,929,444; Oct. 10.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors, assignors to Metropolitan Device Corporation. Circuit breaking mechanism. 1,930,485; Oct. 17.
- Murray, Thomas E., deceased, Brooklyn, N. Y.; J. B. Murray, T. E. Murray, jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Boiler. 1,930,688; Oct. 17.
- Murray, Thomas E., deceased, Brooklyn, N. Y., T. B., T. E., jr., and J. F. Murray, executors, assignors to Metropolitan Engineering Company. Tubular structure and making same. 1,933,749; Nov. 7.
- Murray, Thomas E., jr., Brooklyn, N. Y., and G. H. Phelps, Warehouse Point, Conn., assignors, by direct and mesne assignments, to Metropolitan Engineering Company. Heating system. 1,899,977; Mar. 7.
- Murray, Thomas E., jr., Brooklyn, and A. B. Rypinski, Laurelton, Long Island, N. Y., assignors to Metropolitan Device Corporation. Meter installation. 1,925,272; Sept. 5.
- Murray, Thomas F., jr. (See Staud, C. J., and Murray.)
- Murray, Thomas F., New York, N. Y. Folding table. 1,939,459; Dec. 12.
- Murray, Thomas F., jr., and C. J. Staud, Rochester, N. Y. Cellulose acetate compositions containing dibenzyl aniline. 1,912,718; June 6.
- Murray, Thomas F., jr., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Reclamation of film scrap with permanganate solutions. 1,925,564; Sept. 5.
- Murray, Thomas F., jr., and H. Le B. Gray, assignors to Eastman Kodak Company, Rochester, N. Y. Making acetone soluble cellulose acetate with aldehyde. 1,930,145; Oct. 10.
- Murray, Thomas F., jr., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition containing biphenyl benzoate. 1,933,822; Nov. 7.
- Murray, Timothy J., Covington, Ind. Game apparatus. 1,914,449; June 20.
- Murray, William A., jr. (See Murray, William A., sr., and W. A., jr.)
- Murray, William A., sr., and W. A. Murray, jr., assignors to The William A. Murray Spring Company, Cincinnati, Ohio. Spring seat. 1,893,098; Jan. 3.
- Murray, William A., Spring Company, The. (See Murray, William A., sr., and W. A., jr., assignors.)
- Murray, William B. (See Hauser, M. G., and Murray.)
- Murray, William M. (See Gesel, A. J., and Murray.)
- Murray, William M., assignor of one-half to L. L. Robinson and one-half to R. S. Murray, Los Angeles, Calif. Combination adjusting-stretching table. 1,936,363; Nov. 21.
- Murray, William S., Utica, assignor to Oneida Community, Limited, Oneida, N. Y. Indium recovery process. 1,912,590; June 6.
- Murray, William S., Utica, and D. Gray, assignors to Oneida Community Limited, Oneida, N. Y. Intimate mixture or alloy. 1,934,730; Nov. 14.
- Murray, William T. (See Tressler, D. K., and Murray.)
- Murrill, Paul I., East Norwalk, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Tellurium dithiocarbamates and making the same. 1,921,091; Aug. 8.
- Murrow, William R., assignor of one-half to O. W. Compton, Independence, Kans. Speed control. 1,897,324; Feb. 14.
- Murtaugh, Joseph P., assignor to American Manganese Steel Company, Chicago Heights, Ill. Power actuated dipper. 1,896,414; Feb. 7.
- Murton, Crawford B., Chicago Heights, assignor to Inland Steel Company, Chicago, Ill. Metal bar and fence post. 1,928,432; Sept. 26.
- Muscarella, Michael, Nunda, N. Y. Shoe-sole press. 1,930,367; Oct. 10.
- Musch, Frank, New York, N. Y. Weighing and delivery machine. 1,903,263; Mar. 28.
- Muschler, Fred, Denville Township, Morris County, N. J. Motor driven craft. Des. 90,953; Oct. 31.
- Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Insole for shoes and manufacturing the same. 1,916,198; July 4.
- Musebeck Shoe Company. (See Musebeck, George E., assignor.)
- Musgrave, Arthur T., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Switch contact and making the same. 1,935,516; Nov. 14.
- Musgrave, Claude E., Cedar Rapids, Iowa. Automobile brake testing device. 1,929,149; Oct. 3.
- Musgrave, Mark, Springfield, Ohio. Grinding apparatus. 1,930,017; Oct. 10.
- Musgrove, George J., Washington, D. C. Homogenizer. 1,922,974; Aug. 15.
- Musheno, Fred G., Schuylkill Haven, Pa., assignor to Allegheny Steel Company. Grinding apparatus. 1,893,806; Jan. 10.
- Musheno, Fred G., Schuylkill Haven, Pa., assignor to Allegheny Steel Company. Grinding apparatus. 1,898,786; Feb. 21.
- Musheno, Fred G., Schuylkill Haven, Pa., assignor to Allegheny Steel Company. Grinding machine. 1,909,705; May 16.
- Mushkin, Virginia C., Brooklyn, N. Y. Cap. Des. 89,243; Feb. 7.
- Muskegon Bennett Corporation. (See Taylor, Lee O., assignor.)
- Musselman, Alvin J., Cuyahoga Falls, Ohio. Coaster brake. 1,911,461; May 30.
- Musselman, Alvin J., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Hub assembly for wheel tires. 1,894,238; Jan. 10.
- Musselman, Alvin J., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Pneumatic tire and making it. 1,918,553; July 18.
- Musselman, Alvin J., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Brake. 1,926,984; Sept. 12.
- Musselman, Alvin J., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Brake. 1,938,606; Dec. 12.
- Musser, Clair O., assignor to J. C. Deagan Inc., Chicago, Ill. Marimba. Des. 91,041; Nov. 14.
- Mussey, William H., Chicago, and J. R. Rudolph, Homewood, Ill., assignors, by mesne assignments, to Pullman Car & Manufacturing Corporation. Dump car door. 1,896,367; Feb. 7.
- Mussey, William H., and M. P. Blomberg, assignors to Pullman Car & Manufacturing Corporation, Chicago, Ill. Car-vestibule construction. 1,928,602; Sept. 26.
- Musso, Alfred, East Orange, N. J., assignor of one-half to W. P. Deppe, New York, N. Y. Mineral reduction and metal extraction. 1,902,089; Mar. 21.
- Musso, Alfred, East Orange, N. J., assignor of one-half to W. P. Deppe, New York, N. Y. Low temperature reduced pressure or partial vacuum reduction of metals. 1,902,090; Mar. 21.
- Mustee, Joseph F., University Heights, Ohio. Hot water heater. 1,906,868; May 2.
- Mustico, George, Newburg, N. Y. Pipe clamp. 1,928,570; Sept. 26.
- Musullin, George. (See Horvath, Stepan, assignor.)
- Muszynski, Antoni, and S. Rapalus, Easthampton, Mass. Oil-burning apparatus. 1,930,179; Oct. 10.
- Mutch, John A. (See Craft, C., and Mutch.)
- Muter Company, The. (See Muter, Leslie F., assignor.)
- Muter, Leslie, et al. (See Dickson, George F., assignor.)
- Muter, Leslie F., assignor to The Muter Company, Chicago, Ill. Insulating tie unit. 1,907,857; May 9.
- Muth, Franz. (See Müller, H., and Muth.)
- Muth, Friedrich. (See Schmelzer, A., Ballauf, and Muth.)
- Muth, Friedrich, Elberfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Indophenols and leucoindophenols of the azine series. 1,896,461; Feb. 7.
- Muth, Friedrich, Elberfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Indophenol sulphur dyestuffs. 1,898,457; Feb. 21.

- Muth, Friedrich, Leverkusen-I. G.-Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. New sulphurized phenol. 1,911,709; May 30.
- Muth, Friedrich, Leverkusen near Cologne-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuff. 1,915,438; June 27.
- Muth, Friedrich, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azodyestuff. 1,940,059; Dec. 19.
- Muth, Friedrich, Leverkusen-I. G. Werk, and K. P. Gräler, Wuppertal-Elberfeld, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Tin-containing thiophenols. 1,912,296; May 30.
- Muth, Friedrich, Leverkusen-on-the-Rhine, and G. Wesenberg, Wuppertal-Sonnborn, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Halogenated bis-(hydroxy-aryl)-oxides. 1,932,595; Oct. 31.
- Muth, Friedrich, and A. Schmelzer, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compound of the carbazole-3,6-disulphonic acids series. 1,931,826; Oct. 24.
- Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave receiver. 1,907,653; May 9.
- Muth, John E., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Manufacturing iron tetracarbonyl. 1,924,453; Aug. 29.
- Muther, Lorenz F. (See Hall, Clarence B., assignor.)
- Muther Manufacturing Company. (See Muther, Walter P., assignor.)
- Muther, Walter P., Wellesley, assignor to Muther Manufacturing Company, Boston, Mass. Measuring instrument. 1,922,107; Aug. 15.
- Muto, Michele, Boston, Mass. Conduit coupling and the like. 1,928,316; Sept. 26.
- Mutux, Marcel, and E. Caillet, Vevay, Switzerland. Liquid heater. 1,904,511; Apr. 18.
- Mutsaers, Johannes P. M. (See Bruijnes, J., and Mutsaers.)
- Mutsch, Anna. (See Bautz, Daniel, assignor.)
- Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Company, Inc. Control system for hot cathode vacuum tubes. 1,894,051; Jan. 10.
- Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Company, Inc. Synchronously operated timing device. 1,901,526; Mar. 14.
- Mutscheller, Arthur, New York, N. Y., assignor to Wappler Electric Company, Inc. Producing an X-ray focus varying with the X-ray tube load. 1,923,876; Aug. 22.
- Mutscher, August E., Hudson Heights, N. J., assignor to Cinema Patents Company, Inc., New York, N. Y. Drier for photographic stills. 1,939,016; Dec. 12.
- Mutschler Bros. Co. (See Landaw, Oak, assignor.)
- Mutschler, Henry G., Rochester, N. Y. Frame. 1,895,938; Jan. 31.
- Mutschler, Henry G., Rochester, N. Y., and H. Whittaker, Montreal, Quebec, Canada. Card display apparatus. 1,930,820; Oct. 17.
- Mutti, Ido, Gozzano, Italy, assignor to The Firm American Bemberg Corporation, New York, N. Y. Recovery of copper compounds from the waste liquors of the cuprammonium silk stretch spinning process. 1,920,208; Aug. 1.
- Mutual Brief Case Company. (See Laufman, Benjamin, assignor.)
- Myatt, Jules. (See Gregg, F. M., Campbell, and Myatt.)
- Myer, Percy L., Ozone Park, and R. Steeneck, assignor to The Western Union Telegraph Company, New York, N. Y. Ticker system. 1,910,122; May 23.
- Myer, William H., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Line control for can making machines. 1,941,043; Dec. 26.
- Myers, Abram L., Chicago, Ill. Dial telephone operating means. 1,895,552; Jan. 31.
- Myers, Abram L., Chicago, Ill. Operating means for automatic telephones. 1,923,947; Aug. 22.
- Myers, Albert C., assignor to Kraftite Co., Niles, Calif. Tile machinery. 1,919,639; July 25.
- Myers, Albert C., assignor to Kraftite Co., Niles, Calif. Tile fabricating machinery. 1,919,640; July 25.
- Myers, Carlin. (See Myers, Merl and C.)
- Myers, Clark, Beloit, Ohio, assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Front-wheel brake. 1,934,441; Nov. 7.
- Myers, Clark G., Chicago, Ill. Supporting attachment for saxophones. 1,932,800; Oct. 31.
- Myers, E. A., & Sons. (See Lybarger, Samuel F., assignor.)
- Myers, Edmund T. D. Jr., Richmond, Va. Road marker. 1,900,945; Mar. 14.
- Myers, F. E., and Bro. Co., The. (See Myers, Philip A., assignor.)
- Myers, Florence B., Los Angeles, Calif. Hose leak stop. Des. 89,584; Apr. 4.
- Myers, George D., assignor to The Edwards Manufacturing Company, Cincinnati, Ohio. Traffic marker. 1,920,582; Aug. 1.
- Myers, George F., New York, N. Y. Flying machine. 1,903,009; Mar. 28.
- Myers, George F., Jackson Heights, N. Y. Aircraft. 1,928,980; Oct. 3.
- Myers, Gordon F., assignor to Beaumont Iron Works Company, Beaumont, Tex. Cooling means for draw works for well drilling machinery. 1,894,001; Jan. 10.
- Myers, Harold L., Morristown, N. J. Display device. 1,896,677; Feb. 7.
- Myers, Harold L., Morristown, N. J. Display device for merchandise. 1,896,678; Feb. 7.
- Myers, Harold L., Morristown, N. J. Display device. 1,908,999; May 16.
- Myers, Harold L., Morristown N. J., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Display device. 1,918,712; July 18.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary disk edging machine. Des. 89,511; Mar. 21.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Sanding machine. 1,913,503; June 13.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Edging attachment for drum sanding machines. 1,914,280; June 13.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Planetary type surfacing machine. 1,919,389; July 25.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Planetary type surfacing machine. 1,928,390; Sept. 26.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Co., Toledo, Ohio. Surface grinding machine. 1,932,319; Oct. 24.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Light weight surfacing machine. 1,934,814; Nov. 14.
- Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Abradant driving head. 1,938,493; Dec. 5.
- Myers, Herbert B., Little Rock, Ark. Coin assorting and counting machine. 1,894,190; Jan. 10.
- Myers, John G., et al. (See Thompson, H. J., and Sulak, assignors.)
- Myers, John G., and J. D. Arrowsmith, Seattle, Wash. Cube-sugar dispenser. 1,929,788; Oct. 10.
- Myers, John T., Point Washington, Fla. Wood distilling apparatus. 1,938,494; Dec. 5.
- Myers, John W., Roanoke, Va., assignor to The Standard Stoker Company, Incorporated. Stoker mechanism. 1,916,177; June 27.
- Myers, Joseph D., Savannah, Ga., assignor to G. A. Bisler, Incorporated, Philadelphia, Pa. Box. 1,912,297; May 30.
- Myers, Joseph W., and E. E. Murray, Jackson, Mich. Buffing wheel. 1,922,108; Aug. 15.
- Myers, Lafayette, and C. S. Preston, San Diego, Calif. Vehicle lifting device. 1,904,693; Apr. 18.
- Myers, Latimer D., and L. A. Stegemeyer, assignors to The Twitchell Process Company, Cincinnati, Ohio. Degumming silk. 1,896,494; Feb. 7.
- Myers, Lawrence L., Wichita, Kans. Neck sealing means for collapsible tubes. 1,931,802; Oct. 24.
- Myers, Leslie R., and O. Mayer, Whittier, Calif. Brake tool. 1,927,898; Sept. 26.
- Myers, Lewis C., Freeport, and G. F. Handley, Glendale, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,926,165; Sept. 12.
- Myers, Louis, Chicago, Ill. Game apparatus. 1,903,790; Apr. 18.
- Myers, Louis, Chicago, Ill. Ice cream ladle. 1,903,791; Apr. 18.
- Myers, Merl and C., Bremen, Ohio. Temper-screw handle bar. 1,897,854; Feb. 14.
- Myers, Philip A., assignor to The F. E. Myers and Bro. Co., Ashland, Ohio. Power head. 1,939,861; Dec. 19.
- Myers, Robert P., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md., Unfermented acidophilus milk. 1,902,959; Mar. 28.
- Myers, Robert P., assignor to Research Laboratories of National Dairy Products Corp. Inc., Baltimore, Md. Unfermented milk product. 1,903,014; Mar. 28.
- Myers, Roy C. (See Smith, S. H., and Myers.)
- Myers, Stanley F., and A. A. Kunz, Springfield, Mo. Artificial bait. 1,931,932; Oct. 24.
- Myers, Thomas G., assignor to U. S. Electrical Manufacturing Company, Los Angeles, Calif. Dynamo-electric machine. 1,920,315; Aug. 1.
- Myers, Thomas G., assignor to U. S. Electrical Manufacturing Company, Los Angeles, Calif. Submersible motor. 1,941,313; Dec. 26.
- Myers, Walter. (See Allen, E. B., and Myers.)
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,917,771; July 11.
- Myers, William L. (See Elliott, I. L., and Myers.)
- Myerson, Simon, Brookline, Mass. Dental anchorage. 1,909,000; May 16.
- Mykol, Joseph F., White Bluffs, Wash. Thermoresistant water bag. 1,897,438; Feb. 14.
- Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company. Meter cover. 1,932,044; Oct. 24.
- Mylius, Walter G., Summit, and B. G. La Bar, Union, N. J., assignors to Westinghouse Electric and Manufacturing Company. Watthour meter. 1,893,177; Jan. 3.
- Mylius, Walter G., Summit, and B. G. La Bar, Union, N. J., assignors to Westinghouse Electric and Manufacturing Company. Graphic meter. 1,927,899; Sept. 26.

- Mylius Walter G., Wilkinsburg, A. R. Rutter, Forest Hills, and R. H. Lewis, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Maximum demand meter. 1,909,116; May 16.
- Mytling, Lauritz E., Philadelphia, Pa., assignor to The Allen-Sherman-Hoff Company. Oil sealing device. 1,937,461; Nov. 28.
- Mynatt, Kyle H. (See Mills, L. A., and Mynatt.)
- Myrick, George H., Chicago, Ill. Washing machine. 1,916,806; July 4.
- Myron, Hyman. (See O'Gorman, William F., assignor.)
- N & H Spreaders, Inc. (See Holliday, C., and Nabor, assignors.)
- N. V. Chemische Fabriek L. van der Grinten. (See van der Grinten, Karel J. J. and L. P. F., assignors.)
- N. V. Instrumentfabriek en-Handel voorheen P. J. Kipp en Zonen. (See Fischer, Johannes, assignor.)
- N. V. Internationale Alfol-Maatschappij. (See Dyckerhoff, Eduard, assignor.)
- N. V. Maatschappij tot Exploitatie van Uitvindingen. (See Aninga, Johannes, assignor.)
- N. V. Machinefabriek Reineveld. (See Stoffel, Simon H., assignor.)
- N. V. Nederlandsche Instrumenten Compagnie "Nedinsco". (See Steinle, Adolf, assignor.)
- N. V. Octrooi Maatschappij "Hermes". (See Franke, John C., assignor.)
- N. V. Philips Gloeilampenfabrieken. (See Boldingh, Willem H., assignor.)
- N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
- N. V. Philips, Gloeilampenfabrieken. (See Bruijnes, J., and Mutsaers, assignors.)
- N. V. Philips, Gloeilampenfabrieken. (See De Jong, Frans H., assignor.)
- N. V. Philips, Gloeilampenfabrieken. (See Dobben, P. W., Mulder, and Oosterhuis, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See Holst, Gilles, assignor.)
- N. V. Philips, Gloeilampenfabrieken. (See Jonas, Gottfried B., assignor.)
- N. V. Philips, Gloeilampenfabrieken. (See Lipmann, C., Strahm, and Quinche, assignors.)
- N. V. Philips, Gloeilampenfabrieken. (See Mulder, Cornelis A. H., assignor.)
- N. V. Philips, Gloeilampenfabrieken. (See Reerink, E. H. and Van Wijk, assignors.)
- N. V. Philips' Gloeilampenfabrieken. (See van Lis, Pieter H. A., assignor.)
- N. V. Stabilovolt. (See Körös, Ladislaus, assignor.)
- Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Control valve. 1,917,316; July 11.
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Meijer, Reinier, assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Straatman, Alphons G. H., assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Tillmann, Richard, assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See van Peski, Adrianus J., assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Waterman, Hein L., assignor.)
- Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij. (See Wibaut, Johan P., assignor.)
- Naamlooze Vennootschap Electriciteits-Maatschappij "Electrostoom". (See Jasper, Christiaan H., assignor.)
- Naamlooze Vennootschap Handelsmaatschappij Cablon (Cablon Corporation). (See Meerbeck, Gottfried, assignor.)
- Naamlooze Vennootschap Havenbedrijf Vlaardinger-Oost. (See Noffendorff, Gen. Gaertner, Paul, assignor.)
- Naamlooze Vennootschap: Koninklijke Maatschappij "de Schelde". Scheepsbouw en Werktuigenfabriek. (See Blokland Visser, Jan, assignor.)
- Naamlooze Vennootschap Koninklijke Maatschappij de Schelde Scheepsbouw-en Werktuigenfabriek. (See Guuning, Maximillann, F., assignor.)
- Naamlooze Vennootschap Maatschappij tot Vervaardiging van Snijmachines Volgens van Berkel's Patent en van Andere Werktuigen. (See van Berkel, Johannes C., assignor.)
- Naamlooze Vennootschap: Stoom-Meelfabriek Holland. (See Becher, Willy, assignor.)
- Naamlooze Vennootschap: Vennootschap tot Exploitatie van Stryk-en Persmachine Octroolen (V. E. S. P. O.). (See Tol, Hermannus F., assignor.)
- Nabb, Charles B., North Bend, Oreg. Door closer and check. 1,934,554; Nov. 7.
- Nabenhauer, Fred P., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Medicinal remedy. 1,921,424; Aug. 8.
- Naber, Claude H. (See Holliday, C., and Naber.)
- Nabors, William C., Mansfield, La. Vehicle. 1,895,170; Jan. 24.
- Nabors, William C., Mansfield, La. Vehicle trailer. 1,915,864; June 27.
- Nabstedt, Arthur T., Hamden, assignor to The Snow & Petrelli Manufacturing Company, New Haven, Conn. Reverse gear. 1,918,775; July 13.
- Nacey, Harry M., Chicago, Ill. Flow switch. 1,917,317; July 11.
- Nachma Spring-Filled Corporation. (See Suekoff, Louis A., assignor.)
- Nachman, Harold J., assignor to Washington Gas Light Company, Washington, D. C. Gas refrigerating apparatus. 1,902,715; Mar. 21.
- Nachman-Springfilled Corporation. (See Smith, Rudolph O., assignor.)
- Nachman Spring-Filled Corporation. (See Suekoff, Louis A., assignor.)
- Nachod & United States Signal Co. (See Richter-kessing, Frank H., assignor.)
- Nachod & United States Signal Co., Inc. (See Richter-kessing, F. H., and Bowen, assignors.)
- Nachttrieb, Norman D. (See Adams, H. T., and Nachttrieb.)
- Nachumsohn, Irving, Chicago, Ill. Synchronous motor. 1,913,506; June 13.
- Nachumsohn, Irving, assignor to Naxon Corporation, Chicago, Ill. Sign. 1,913,504; June 13.
- Nachumsohn, Irving, assignor to Naxon Corporation, Chicago, Ill. Sign. 1,913,505; June 13.
- Nack, Leo W., Chicago, Ill. Collapsible steel cable reel. 1,905,488; Apr. 25.
- Nacken, Walther, Gruna, Germany. Multiple wire drawing machine. 1,914,833; June 20.
- Nacker, Owen M., Pleasant Ridge, assignor to General Motors Corporation, Detroit, Mich. Double dashboard. 1,927,320; Sept. 19.
- Nadeau, Dorilas. (See Schick, J., and Nadeau.)
- Nadell, Aaron, Brooklyn, N. Y. Eradicating typewritten matter. 1,905,118; Apr. 25.
- Naef, Otto, Haddonfield, N. J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Potentiometer system. 1,941,444; Dec. 26.
- Nacher, Paul, assignor to B. T. Gump Co., Chicago, Ill. Bag sealing mechanism. 1,910,037; May 23.
- Naeve, Charles C., Portland, Oreg. Cooking iron. 1,939,017; Dec. 12.
- Naftali, Henry. (See Naftali, Valentine, H., and R.)
- Naftali, Rudolf. (See Naftali, Valentine, H., and R.)
- Naftali, Valentine, H. Naftali, and R. Naftali, New York, N. Y. Sewing machine. 1,931,447; Oct. 17.
- Nafziger Corporation, The. (See Sticelber, Merlin A., assignor.)
- Nagaoka, Zyunkiti. (See Inokuty, H., and Nagaoka.)
- Nagashey, Boris V., Lynn, Mass., assignor to General Electric Company. Atomic gas torch. 1,911,033; May 23.
- Nagashev, Boris V., Lynn, Mass., assignor to General Electric Company. Control system for alternating current motors. 1,920,803; Aug. 1.
- Nagel, August, Stuttgart, Germany, and N. Bouveng, Elga, Satsjabaden, Sweden, assignors to Eastman Kodak Company, Rochester, N. Y. Cut film and plate-holder. 1,933,823; Nov. 7.
- Nagel, George E., Columbus, Ohio. Burial vault. 1,920,111; July 25.
- Nagel, Henry W., Chicago, Ill. Window structure. 1,916,681; July 4.
- Nagel, Hugo, assignor to R. F. Hunter and A. Blackburn, London, England. Projection screen. 1,897,273; Feb. 14.
- Nagel, Hugo, assignor to R. F. Hunter and A. Blackburn, London, England. Projection screen. 1,915,944; June 27.
- Nagel, Konrad, assignor of one-half to H. Ful and one-half to E. Hessdorfer, Nuremberg, Germany. Method for the production of threads in screw-thread rolling checks. 1,940,367; Dec. 19.
- Nagel, Robert E., assignor to Universal Oil Products Company, Chicago, Ill. Dephlegmator. 1,896,245; Feb. 7.
- Nagelmann, Clemens B., Santa Barbara, Calif. Suturing and ligating instrument. 1,933,024; Oct. 31.
- Nagelvoort, Adriaan, assignor to Delaware Chemical Engineering Company, Wilmington, Del. Making polysulphides. 1,934,626; Nov. 7.
- Nagelvoort, Adriaan, assignor to Delaware Chemical Engineering Company, Wilmington, Del. Miscible sulphur. 1,939,403; Dec. 12.
- Nagelvoort, Adriaan, assignor to Delaware Chemical Engineering Company, Wilmington, Del. Manufacture of pressed cellulose articles. 1,939,404; Dec. 12.
- Nagle, Peter J., Rochester, N. Y. Toy bank. 1,909,214; May 16.
- Nagler, Bruno, and R. Hafner, Vienna, Austria. Helicopter aircraft. 1,909,845; May 16.
- Nagy, Berthold, Brooklyn, N. Y. Bottle closure assembling machine. 1,931,294; Oct. 17.
- Nagy, Berthold, Ridgewood, N. Y. Bottle crown cap feeder. 1,932,529; Oct. 31.
- Nagy, Louis, assignor of one-half to S. F. Halach, Detroit, Mich. Automatic knife sharpener. 1,925,108; Sept. 5.
- Nahm, Warren L., Oakland, and G. W. Brown, assignors to Bankers Protection Co., San Francisco, Calif. Firing mechanism. 1,934,731; Nov. 14.
- Nahm, Warren L., Oakland, and G. W. Brown, assignors to Bankers Protection Co., San Francisco, Calif. Trigger actuating mechanism. 1,934,732; Nov. 14.
- Nahm, Warren L., Oakland, Calif. Delinier. 1,923,579; Aug. 22.
- Nahman, Gustave, Alexandria, Egypt, and R. Stratta, and E. Vernazza, Turin, Italy. Electro-magnetic pump with vibratory movement for gaseous fluids. 1,934,994; Nov. 14.
- Nahon, James M., Madrid, Spain. Combined cabinet and table. 1,926,166; Sept. 12.
- Naidor, George P., New York, N. Y. Slipper. 1,916,067; June 27.

- Nail, Walter B. (See Sundstrom, Herman T., assignor.)
 Naismith, Donald M. (See Naismith, George and D. M.)
 Naismith, George and D. M., assignors to said Donald M. Naismith, Pittsburgh, Pa. Furnace. 1,914,955; June 20.
 Naismith, George and D. M., Pittsburgh, Pa., assignors to Donald M. Naismith. Furnace. 1,914,956; June 20.
 Naismith, Samuel, Chicago, Ill. Open hearth furnace. 1,925,494; Sept. 5.
 Nakajima, Tomomasa, and K. Takayanagi, Hamamatsu, Japan. System for deflecting electron passages in cathode ray tubes. 1,933,219; Oct. 31.
 Nakamura, Toshichi, Los Angeles, Calif. Life-saving device. 1,904,767; Apr. 18.
 Nakashian, Luke L., Worcester, Mass. Automatic power coupling and cut-off. 1,929,118; Oct. 3.
 Naken, Jene L., Chicago, Ill. Chest for silverware. 1,916,984; July 4.
 Naken, William, Chicago, Ill. Automatic train control. 1,923,499; Aug. 22.
 Naken Patents Corporation. (See Nakken, Theodorus H., assignor.)
 Nakken, Theodorus H., Brooklyn, N. Y., assignor to Naken Patents Corporation. Electrostatic potential control from photoelectric cells. 1,899,712; Feb. 28.
 Nakken, Theodorus H., Brooklyn, N. Y., assignor to Naken Patents Corporation. Amplifier system. 1,928,760; Oct. 3.
 Nakken, Theodorus H., Brooklyn, N. Y., assignor to Naken Patents Corporation. Floating cathode amplifier. 1,935,369; Nov. 14.
 Nalinne, Victor H., Brussels, Belgium. Elastic vehicle wheel. 1,911,524; May 30.
 Nalle, John M., Fairfield, Conn., assignor to American Chain Company, Inc. Flexible joint. 1,901,924; Mar. 21.
 Nalle, John M., Fairfield, assignor to American Chain Company, Inc., Bridgeport, Conn. Shock absorber. 1,938,084; Dec. 5.
 Nallinger, Fritz, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Spring suspension. 1,907,262; May 2.
 Nallinger, Fritz, assignor to Daimler-Benz Aktiengesellschaft Stuttgart-Unterturkheim, Germany. Air temperature regulator. 1,918,659; July 18.
 Nallinger, Fritz, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Air purifier. 1,923,498; Aug. 22.
 Nameche, Gus J., assignor to Pittsburgh Plate Glass Company, Ford City, Pa. Apparatus for rolling plate glass. 1,928,026; Sept. 26.
 Nancarrow, Harry L., Wynnewood, and R. R. Blydenburgh, Jr., Ardmore, Pa. Current collecting trolley. 1,939,078; Dec. 12.
 Nandillon, Albert E. G. (See Marti, P. A. D., Bertin, and Nandillon.)
 Nanfeldt, William. (See Brockway, C. P., and Nanfeldt.)
 Nanfeldt, William, assignor to World Bestos Corporation, Paterson, N. J. Yarn forming machine. 1,894,411; Jan. 17.
 Nann Simon. (See Stotzer, F., and Nann.)
 Nanstiel, William F., Pittsburgh, Pa., assignor to Sullivan Machinery Company. Connecting means. 1,912,493; June 6.
 Napier Company, The. (See Rettenmeyer, Frederick W., assignor.)
 Napier, D., & Son Limited. (See Vigers, R. W., and Chatterton, assignors.)
 Napier, D., & Son Limited. (See Wilkinson, George S., assignor.)
 Neapolitan, Lewis, Flushing, N. Y. Hair curling device. 1,926,054; Sept. 12.
 Napon Rayon Corporation. (See Jessen, Charles C., assignor.)
 Narath, Albert, Berlin, Germany, assignor to General Electric Company. Nonhalation film. 1,929,254; Oct. 3.
 Narakta, Mike, et al. (See Dombrády, Béla, assignor.)
 Nardi, Valentino, Milan, Italy. Spoon, knife and fork polishing machine. 1,908,915; May 16.
 Nardone, Romeo M. (See Lansing, R. P., and Nardone.)
 Nardone, Romeo M., Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Compressor. 1,915,266; June 20.
 Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,916,126; June 27.
 Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 1,927,714; Sept. 19.
 Nardone, Romeo M., Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,933,534; Oct. 31.
 Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 1,936,542; Nov. 21.
 Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 1,939,405; Dec. 12.
 Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 1,939,406; Dec. 12.
 Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Firing mechanism. 1,940,179; Dec. 19.
 Nardone, Romeo M., Newark, N. J., assignor to Eclipse Machine Company, Elmira Heights, N. Y. Engine-starting mechanism. 1,926,913; Sept. 12.
 Narrow Fabric Company. (See Faust, Paul E., assignor.)
 Narrow Fabric Company. (See Huber, Otto E., assignor.)
 Narrow Fabric Company. (See Knauer, Arthur, assignor.)
 Narrow Fabric Co., The. (See Murray, Frank, assignor.)
 Narvesen, Frederick C., East Rockaway, and B. G. Carlson, Elmhurst, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic horizon indicator. 1,939,825; Dec. 19.
 Nash, Arthur D., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Smoker's stand. Des. 89,651; Apr. 18.
 Nash, Arthur D., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Glass container. Des. 89,716; Apr. 25.
 Nash, Arthur D., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Glass coffee-making machine. 1,937,203; Nov. 28.
 Nash, Charles J., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Shock absorber unit. 1,938,856; Dec. 12.
 Nash, Douglas E., assignor to Nash Engineering Company, South Norwalk, Conn. Vacuum steam heating system. 1,895,813; Jan. 31.
 Nash, Edgar R. (See Jacobs, C. H., and Nash.)
 Nash Engineering Company. (See Adams, Harold E., assignor.)
 Nash Engineering Company. (See Nash, Douglas E., assignor.)
 Nash Engineering Company. (See Nash, Harold L., assignor.)
 Nash, Harold L., assignor to Nash Engineering Company, South Norwalk, Conn. Hydroturbine pumping apparatus. 1,904,321; Apr. 18.
 Nash, John H., Dayton, Ohio. Water softening apparatus. 1,940,965; Dec. 26.
 Nash, John M., Milwaukee, Wis. Braking attachment for sanding machines. 1,919,477; July 25.
 Nash, Joseph H., Narberth, Pa., assignor to Johns-Manville, Incorporated, New York, N. Y. Architectural acoustical construction. 1,910,628; May 23.
 Nash, Joseph H., Narberth, Pa., assignor to Johns-Manville Corporation, New York, N. Y. Acoustical construction for interiors. 1,910,810; May 23.
 Nash Motors Company, The. (See Gunn, Earl G., assignor.)
 Nash Motors Company, The. (See Wahlberg, Nils E., assignor.)
 Nash, Russell K., Brookline, assignor to Boston Blacking & Chemical Co., Boston, Mass. Dispensing apparatus. 1,898,383; Feb. 21.
 Nash, Walter H., Arlington, Calif. Bottle stopper and the like. 1,905,301; Apr. 25.
 Nashan, Paul, assignor to the Firm Gutehoffnungshütte Aktiengesellschaft, Oberhausen, Germany. Manufacture of formaldehyde from methane. 1,909,215; May 16.
 Nashan, Paul, assignor to the firm Gutehoffnungshütte Aktiengesellschaft, Oberhausen, Rhineland Germany. Preparing hexamethylene tetramine from methane. 1,930,210; Oct. 10.
 Nashua Gummed & Coated Paper Company. (See Foley, Charles E., assignor.)
 Nashua Gummed & Coated Paper Co. (See Link, Louis, assignor.)
 Nashua Gummed & Coated Paper Company. (See Wilkins, Carroll B., assignor.)
 Nasmith, John L., Eltham, assignor to Vickers-Armstrongs Limited, Westminster, England. Wire stitching machine. 1,896,826; Feb. 7.
 Nasmith, John W., Manchester, England. Combing machine. 1,921,203; Aug. 8.
 Nason, Francis A., East Cleveland, assignor to The Lubri-graph Corporation, Cleveland, Ohio. Liquid spray apparatus. 1,907,086; May 2.
 Nason, Francis A., East Cleveland, and F. W. Wiunen, Cleveland, Ohio, assignors to The Lubri-Graph Corporation. Valve mechanism. 1,907,085; May 2.
 Nassif, Louis, Wheeling, W. Va. Combined sponge cup and applicator. Des. 91,119; Nov. 28.
 Nassify, Ruth R. (See Grinager, H. N., Ongley, and Nassify.)
 Nastrom, Bror, Holdrege, Nebr. Bank protecting device. 1,897,708; Feb. 14.
 Natali, Nicolas L., Ingeniero White, Argentina. Convertible wagon. 1,935,057; Nov. 14.
 Naterman, Henry C., Los Angeles, Calif. Interlocking shingle construction. 1,941,105; Dec. 26.
 Nathan, Alfred R., New York, assignor to H. Hyman, Brooklyn, N. Y. Clock case. Des. 89,087; Jan. 24.
 Nathan, Alfred R., New York, assignor to H. Hyman, Brooklyn, N. Y. Box or similar receptacle. Des. 89,113; Jan. 24.
 Nathan Manufacturing Company. (See Sharp, John C., assignor.)
 Nathansohn, Alexander, Berlin-Wilmersdorf, Germany. Treating furs. 1,931,355; Oct. 17.
 Nathanson, Isidore. (See Rodstein, H., and Nathanson.)
 National Acme Company, The. (See Drissner, Alfred E., assignor.)
 National Acme Company, The. (See Drissner, A. E., and Petsche, assignors.)

- National Acme Company, The. (See Hogg, William J., assignor.)
- National Acme Company. (See Hunter, H. M., and Hoisington, assignors.)
- National Acme Company. (See Trobeck, Olof E., assignor.)
- National Adhesives Corporation. (See Fuller, Arthur D., assignor.)
- National Air Conditioning Company. (See Howry, Hobart B., assignor.)
- National Air Control Co. Inc. (See Caldwell, William J., assignor.)
- National Airline and Chemical Company, Inc. (See Penny, James P., assignor.)
- National Airoil Burner Company. (See Straitz, John F., assignor.)
- National Alloy Co. (See Kaw, H., and Collins, assignors.)
- National Alloy Steel Company. (See Ornitz, Nathaniel B., assignor.)
- National Aluminate Corporation. (See Evans, Wilson, assignor.)
- National Aluminate Corporation. (See Fink, Gail J., assignor.)
- National Aluminate Corporation. (See King, Robert M., assignor.)
- National Aluminate Corporation. (See Libby, Clarence E., assignor.)
- National Aluminate Corporation. (See Partridge, Edwin M., assignor.)
- National Aluminate Corporation. (See Wagner, Glenn H., assignor.)
- National Aniline & Chemical Company. (See Alt, Arthur, assignor.)
- National Aniline & Chemical Company. (See Brown, R. V., and Wood, assignors.)
- National Aniline & Chemical Company. (See Cotton, William J., assignor.)
- National Aniline & Chemical Company. (See Crowell, Joyce H., assignor.)
- National Aniline & Chemical Company. (See Daniels, Lloyd C., assignor.)
- National Aniline & Chemical Company Inc. (See Davis, Archibald H., Jr., assignor.)
- National Aniline & Chemical Company. (See Dieterle, Paul, assignor.)
- National Aniline & Chemical Co. (See Heritage, Clark C., assignor.)
- National Aniline & Chemical Company. (See Hess, R. W., and Fleysher, assignors.)
- National Aniline & Chemical Company. (See Jewett, Joseph E., assignor.)
- National Aniline and Chemical Company. (See Kerr, Theresa S., assignor.)
- National Aniline & Chemical Company. (See Kyrides, Lucas P., assignor.)
- National Aniline & Chemical Company, Inc. (See Masters, Carl L., assignor.)
- National Aniline and Chemical Company, Inc. (See Masterson, Theodore L., assignor.)
- National Aniline & Chemical Company. (See Minnis, Wesley, assignor.)
- National Aniline & Chemical Company. (See Moorhouse, William R., assignor.)
- National Aniline and Chemical Company. (See Munro, Albert H., assignor.)
- National Aniline & Chemical Company. (See Payne, Ralph B., assignor.)
- National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)
- National Aniline and Chemical Company. (See Rogers, Donald G., assignor.)
- National Aniline & Chemical Company. (See Rogers, D. G., Ogilvie, and Crowell, assignors.)
- National Aniline & Chemical Co. (See Tumim, Herbert R., assignor.)
- National Aniline and Chemical Co. (See Wendler, Adolph F., assignor.)
- National Aniline & Chemical Company, Inc. (See Wood, Robert O., assignor.)
- National Aniline & Chemical Company. (See Woods, P. B., Ogilvie, and Kranz, assignors.)
- National Aniline and Chemical Company. (See Zwilgmeyer, Frithjof, assignor.)
- National Automatic Dishwasher Co., Ltd. (See Rodewald, John, assignor.)
- National Automatic Tool Company, The. (See Galloway, Robert M., assignor.)
- National Automatic Tool Company, The. (See Schafer, Robert A., assignor.)
- National Automotive Fibres, Inc. (See Brintnall, Frank W., assignor.)
- National Automotive Fibres, Inc. (See Brintnall, F. W., and Ross, assignors.)
- National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)
- National Bank and Trust Company (administrator). (See Bechman, Henry F., assignor.)
- National Bank of Germantown & Trust Company, trustee. (See Jackson, W. M. S., and Hackethal, assignors.)
- National Bank of Hungary. (See Von Heinrich, Friedrich, assignor.)
- National Bearing Metals Corporation. (See Crawford, Samuel W., assignor.)
- National Biscuit Company. (See Davidson, Bruce J., assignor.)
- National Biscuit Company. (See Greenholt, Harry A., assignor.)
- National Biscuit Company. (See Kreidler, Urban A., assignor.)
- National Biscuit Company. (See Lehman, Dwight L., assignor.)
- National Blank Book Company. (See Schade, Frank S., assignor.)
- National Blank Book Company. (See Schade, John, assignor.)
- National Blank Book Company. (See Schade, J. and F. S., assignors.)
- National Brake & Electric Co. (See Aikman, Burton S., assignor.)
- National Brass Company. (See Solliday, Foster K., assignor.)
- National Bronze & Aluminum Foundry Company. (See Ferlin, Gilbert A., assignor.)
- National Carbon Co. (See Chaney, Newcomb K., assignor.)
- National Carbon Company. (See Dorcas, Merrill J., assignor.)
- National Carbon Company. (See Gillingham, Charles A., assignor.)
- National Carbon Company. (See Graubner, Herman G., assignor.)
- National Carbon Company. (See Green, James L., assignor.)
- National Carbon Company. (See Greider, Clarence E., assignor.)
- National Carbon Company. (See Heise, George W., assignor.)
- National Carbon Company. (See Hosfield, Lee C., assignor.)
- National Carbon Company. (See Jones, Homer W., assignor.)
- National Carbon Company. (See Lapidos, Robert H., assignor.)
- National Carbon Company. (See Madsen, A. W., and Gazzolo, assignors.)
- National Carbon Company. (See Saurwein, Albert G., assignor.)
- National Carbon Company, Inc. (See Heise, George W., assignor.)
- National Carbon Company, Inc. (See Jones, H. W., and Graubner, assignors.)
- National Cash Register Company, The. (See Arnold, Charles H., assignor.)
- National Cash Register Company. (See Berger, Friedrich W. F., assignor.)
- National Cash Register Company. (See Brand, Samuel, assignor.)
- National Cash Register Company, The. (See Christian, Raymond A., assignor.)
- National Cash Register Company, The. (See Dieserud, Helge C., assignor.)
- National Cash Register Company. (See Dunker, John G., assignor.)
- National Cash Register Company, The. (See Fuller, Frederick L., assignor.)
- National Cash Register Company. (See Goldbert, Maximilian M., assignor.)
- National Cash Register Company, The. (See Green, Charles W., assignor.)
- National Cash Register Company, The. (See Robertson, William H., assignor.)
- National Cash Register Company, The. (See Sburilino, Pascal, assignor.)
- National Cash Register Company, The. (See Sburilino, P., and Gaeke, assignors.)
- National Cash Register Company. (See Scott, H. B., and Conley, assignors.)
- National Cash Register Company. (See Scott, H. B., and McCoy, assignors.)
- National Cash Register Company, The. (See Scott, H. B., and Warner, assignors.)
- National Cash Register Company, The. (See Shipley, Bernis M., assignor.)
- National Cash Register Company, The. (See Von Pein, Edward J., assignor.)
- National Cash Register Company, The. (See Williams, Harry J., assignor.)
- National Cast Iron Pipe Company. (See Weaver, George B., assignor.)
- National Chemical and Mfg. Co. (See Tanner, Wellington L., assignor.)
- National Cold Steam Company. (See Shepherd, John E., assignor.)
- National Company, Inc. (See Smith, William G., assignor.)
- National Desk Company. (See Thomas, C. R., Jr., and Wich, assignors.)
- National Electric Heating Co. (See Carleton, Robert A., assignor.)
- National Electric Products Corporation. (See Clayton, Martin M., assignor.)
- National Electric Products Corporation. (See Frederickson, Otto A., assignor.)
- National Electric Products Corporation. (See Fullman, James M. G., assignor.)
- National Electric Products Corporation. (See Fullman, J. M. G., and Strama, assignors.)
- National Electric Products Corporation. (See Hoyt, Julian D., assignor.)

- National Electric Products Corporation. (See Kennedy, Frank J., assignor.)
 National Electric Products Corporation. (See Robinson, William C., assignor.)
 National Electric Products Corporation. (See Sharp, A., and Fullman, assignors.)
 National Electric Products Corporation. (See Sharp, L. Alan, assignor.)
 National Electric Products Corporation. (See Staples, Horace A., assignor.)
 National Electric Products Corporation. (See Staples, John A., assignor.)
 National Electrical Supply Company. (See Mirick, Carlos B., assignor.)
 National Enameling & Stamping Company. (See Smith, Alva T., assignor.)
 National Engineering Company. (See Christensen, Alfred C., assignor.)
 National Engineering Corporation. (See Eccles, William E., assignor.)
 National Equipment Company. (See Bausman, Alonzo L., assignor.)
 National Equipment Company. (See Wright, Marcus G., assignor.)
 National Equipment Corporation. (See Poulter, John W., assignor.)
 National Equipment Corporation. (See Robb, John F., assignor.)
 National Fireproofing Corporation. (See Shipley, Roy A., assignor.)
 National Foam System, Inc. (See Boyd, Fisher L., assignor.)
 National Folding Box Company. (See Gaffney, John J., assignor.)
 National Folding Box Company. (See Mabey, David W., assignor.)
 National Garment Stretcher Corporation. (See Strippling, Luke S., assignor.)
 National Gas Range Corporation. (See Dollin, E. N., and Waddell, assignors.)
 National Glove Company, The. (See Mebane, Charles P., assignor.)
 National Grange of the Patrons of Husbandry of Washington, D. C. (See Taber, Louis J., assignor.)
 National Gypsum Company. (See Crandell, Dean D. F., assignor.)
 National Heliofloor Company. (See Heidman, Paul G., assignor.)
 National India Rubber Company. (See Polleys, Herbert R., assignor.)
 National India Rubber Company. (See Rice, Harold D., assignor.)
 National Laundry Machinery Company. (See Reeps, Charles O., assignor.)
 National Lead Company. (See Iliff, J. W., and Lindsay, assignors.)
 National Lead Company. (See Thompson, Gustave W., assignor.)
 National Lock Co. (See North, Edwin W., assignor.)
 National Lock Co. (See North, E. W., and Lindstrom, assignors.)
 National Lock Washer Company, The. (See Berge, Joseph, assignor.)
 National Lock Washer Company, The. (See Cochrane, Robert L., assignor.)
 National Machine Products Company. (See Stoll, Albert, assignor.)
 National Machinery Company, The. (See Clouse, William L., assignor.)
 National Machinery Company, The. (See Ehinger, William E., assignor.)
 National Machinery Company, The. (See Friedman, John H., assignor.)
 National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)
 National Malleable and Steel Castings Company. (See Brooks, Chester K., assignor.)
 National Malleable and Steel Castings Company. (See Buckius, Albert O., assignor.)
 National Malleable and Steel Castings Company. (See Davis, R. S., and Beauchamp, assignors.)
 National Malleable & Steel Castings Company. (See Gilbert, H. W., and Dray, assignors.)
 National Malleable and Steel Castings Company. (See Kaiser, Wilhelm F. K., assignor.)
 National Malleable and Steel Castings Company. (See Krakau, Harry T., assignor.)
 National Malleable and Steel Castings Company. (See Moffett, Frank E., assignor.)
 National Malleable and Steel Castings Company. (See Nikola, Harry O., assignor.)
 National Malleable and Steel Castings Company. (See Robinson, David, assignor.)
 National Malleable and Steel Castings Company. (See Schmidt, Ernest H., assignor.)
 National Malleable and Steel Castings Company. (See Schmidt, E. H., and Spence, assignors.)
 National Malleable & Steel Castings Co. (See Shafer, James A., assignor.)
 National Malleable and Steel Castings Company. (See Spence, Hubert L., assignor.)
 National Malleable and Steel Castings Company. (See Spence, H. L., and Schwartz, assignors.)
 National Marking Machine Company, The. (See Baden, Edward T., assignor.)
 National Marking Machine Company, The. (See Constable, Charles E., assignor.)
 National Marking Machine Company, The. (See Griesinger, John, assignor.)
 National Marking Machine Company, The. (See Miller, Charles F., assignor.)
 National Metal Edge Box Company. (See Stanger, William D., assignor.)
 National Nut Company. (See Kohler, Michael J., assignor.)
 National Oil Products Company. (See Chapot, J. V., and Porter, assignors.)
 National Paper Box Co. (See Newton, Edwin H., assignor.)
 National Paper Can Company. (See Annen, James E., assignor.)
 National Paper Can Company. (See Frostad, George O., assignor.)
 National Paper Can Company, The. (See Frostad, G. O., and Annen, assignors.)
 National Paper Company. (See Plante, Goron V., assignor.)
 National Pigments & Chemical Company. (See De Lore, Casper P., assignor.)
 National Pigments and Chemical Company. (See Fisher, E. E., and Baernstein, assignors.)
 National Pigments and Chemical Company. (See Harth, Philip E., assignor.)
 National Pneumatic Company. (See Casey, Frank E., assignor.)
 National Pneumatic Company. (See Conklin, Roscoe D., assignor.)
 National Pneumatic Company. (See Forman, Paris R., assignor.)
 National Pneumatic Company. (See Mallison, H. D., and Parvin, assignors.)
 National Pneumatic Company. (See McWhirter, John S., assignor.)
 National Pneumatic Company. (See Paul, Abram F., assignor.)
 National Police Signal Company. (See Bauer, Gustav F. C., assignor.)
 National Postal Meter Company. (See Ryan, Commodore D., assignor.)
 National Postal Meter Company. (See Whitlock, Ralph G., assignor.)
 National Pressure Cooker Company. (See Nelson, Carl, assignor.)
 National Program and Printing Company. (See Steinberg, Abe I., assignor.)
 National Publishing Company. (See Morehouse, Cyrus E., assignor.)
 National Pumps Corporation. (See Curtis, William H., assignor.)
 National Radiator Corporation. (See Tillotson, Edwin W., jr., assignor.)
 National Radiator Corporation. (See Wentworth, Robert S., assignor.)
 National Rail Joint Corporation. (See Berg, Robert B., assignor.)
 National Regulator Co. (See Larson, John M., assignor.)
 National Renovating Machine Manufacturing Corporation. (See Lawson, Thomas M., assignor.)
 National Rubber Machinery Company. (See Brundage, James W., assignor.)
 National Rubber Machinery Company. (See De Mattia, Peter, assignor.)
 National Rubber Machinery Company. (See Gammeter, John R., assignor.)
 National Rubber Machinery Company. (See Miller, Theodore A., assignor.)
 National Rubber Machinery Company. (See Pfeiffer, Fred B., assignor.)
 National Rubber Machinery Company. (See Shook, Florain J., assignor.)
 National Rubber Machinery Company. (See Shook, F. J., and Iverson, assignors.)
 National Screen Company Incorporated. (See Williams, G. T., and Story, assignors.)
 National Screw & Manufacturing Company, The. (See Barber, Louis, assignor.)
 National Service Corporation. (See Rosenblatt, Nathan, assignor.)
 National Sewing Machine Company. (See Lambert, John, assignor.)
 National Sewing Machine Company. (See List, R. F., and Smith, assignors.)
 National Smelting Company, The. (See Bonsack, Walter, assignor.)
 National Smelting Company, The. (See Frost, John G. G., assignor.)
 National Sporting Goods Manufacturing Company. (See Stumpe, Walter F., assignor.)
 National Stamping & Electric Works. (See Hogan, George L., assignor.)
 National-Standard Company. (See Johnson, Alfred H., assignor.)
 National-Standard Company. (See Pierce, Robert C., assignor.)
 National-Standard Company. (See Reum, William A., assignor.)
 National Steel Boiler Company. (See Heagerty, William, assignor.)
 National Steel Fabric Company. (See Edge, Walter S., assignor.)

- National Sugar Refining Company of New Jersey, The. (See Schlegel, J. W., and Claus, assignors.)
- National Super Service Company, The. (See Rosenberg, Edward N., assignor.)
- National Supply Company, The. (See Archer, Merton T., assignor.)
- National Supply Company, The. (See Archer, M. T., and Hill, assignors.)
- National Supply Company, The. (See Craig, Robert W., assignor.)
- National Supply Company, The. (See Eaton, George M., assignor.)
- National Supply Company, The. (See Faulkner, D. S., and Timbs, assignors.)
- National Supply Company, The. (See Faulkner, D. S., and Zerbe, assignors.)
- National Supply Company, The. (See Leman, Arthur L., assignor.)
- National Supply Company, The. (See Mahan, Joseph R., assignor.)
- National Supply Company, The. (See Murphy, Demery A., assignor.)
- National Supply Company, The. (See Murphy, D. A., and Hodge, assignors.)
- National Supply Company, The. (See Picard, John B., assignor.)
- National Supply Company, The. (See Rice, Allen E., assignor.)
- National Supply Company, The. (See Rice, A. E., and Zerbe, assignors.)
- National Supply Company, The. (See Spalding, John D., assignor.)
- National Supply Company, The. (See Timbs, Edward, assignor.)
- National Supply Company, The. (See Young, Forrest J., assignor.)
- National Supply Company, The. (See Young, F. J., and Dunn, assignors.)
- National Supply Company, The. (See Young, F. J., Long and Morgan, assignors.)
- National Supply Company, The. (See Young, F. J., and Murphy, assignors.)
- National Supply Company, The. (See Young, F. J., and Spalding, assignors.)
- National Supply Company, The. (See Zerbe, Lewis E., assignor.)
- National Supply Company of Delaware, The. (See Timbs, Edward, assignor.)
- National Supply Company of Delaware, The. (See Timbs, E., and Walters, assignors.)
- National Supply & Service Corporation. (See Johnson, John A., assignor.)
- National Synthetic Corporation. (See Forrest, H. O., and Frolich, assignors.)
- National Tank Company. (See Walker, J. P., and Williams, assignors.)
- National Tank Company. (See Williams, Elmer R., assignor.)
- National Tapestry Company. (See Milnes, Wesley, assignor.)
- National Tile Company, The. (See Bower, James A., assignor.)
- National Tile Company, The. (See Lansing, Charles B., assignor.)
- National Tile Company, The. (See Lansing, C. B., and Loudon, assignors.)
- National Time & Signal Corporation. (See Fulton, Roland S., assignor.)
- National Transit Pump & Machine Company. (See Valentine, Warren P., assignor.)
- National Tube Company. (See Chappell, Eugene L., assignor.)
- National Tube Company. (See Crouch, Floyd W., assignor.)
- National Tube Company. (See Edwards, William E., assignor.)
- National Tube Company. (See Frazier, Charles, assignor.)
- National Tube Company. (See Judson, Harry R., assignor.)
- National Tube Company. (See Miller, John A., assignor.)
- National Tube Company. (See Offutt, John W., assignor.)
- National Tube Company. (See Olson, Olof F., assignor.)
- National Tube Company. (See Rosenkranz, Max, assignor.)
- National Tube Company. (See Webb, Samuel, assignor.)
- National Twist Drill & Tool Company. (See Oxford, Carl J., assignor.)
- National Twist Drill & Tool Company. (See Oxford, C. J., and Hayden, assignors.)
- National Vending Company. (See Parks, R. D., and Hildenbrand, assignors.)
- National Vulcanized Fibre Company. (See Van Hoorn, A. W. W., and Tatnall, assignors.)
- National Washboard Company. (See Gilbert, Harwood J., assignor.)
- National Water Main Cleaning Co. (See Frank, William A., assignor.)
- National Welders Manufacturing and Supply Company, The. (See Bennett, F. E., and Skeel, assignors.)
- National Wire Goods Manufacturing Company. (See Boyles, David S., assignor.)
- National Wood Products Company. (See Nielsen, Herman C., assignor.)
- National Wrought Iron Annealing Box Company. (See Brown, Frank J., assignor.)
- Natlis, Octave C., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass cutting machine. 1,906,279; May 2.
- Natural Cheese Corporation. (See Gere, Clair M., assignor.)
- Natural Gas Hydrogen Corporation. (See Yunker, James A., assignor.)
- Natural Products Refining Co. (See Hollowell, James S., assignor.)
- Natural Products Refining Co. (See Vetter, Joseph J., assignor.)
- Nauchumssohn, Irving, Chicago, Ill. Electric cream-whipper and drink mixer. 1,935,857; Nov. 21.
- Naue, Richard J., Chicago, Ill. Mechanical toy. 1,918,122; July 11.
- Naugatuck Chemical Company. (See Cadwell, S. M., assignor.)
- Naugatuck Chemical Company, The. (See Coleman, Clyde, assignor.)
- Naugatuck Chemical Company, The. (See Fisher, Harry L., assignor.)
- Naugatuck Chemical Company, The. (See Gibbons, Willis A., assignor.)
- Naugatuck Chemical Company, The. (See Gibbons, W. A., and Smith, assignors.)
- Naugatuck Chemical Company, The. (See Harkins, Henry H., assignor.)
- Naugatuck Chemical Company, The. (See Hazell, Eardley, assignor.)
- Naugatuck Chemical Company, The. (See Holmberg A. W., and Rice, assignors.)
- Naugatuck Chemical Company, The. (See Holmberg, Albert W., assignor.)
- Naugatuck Chemical Company, The. (See Hopkinson, Ernest, assignor.)
- Naugatuck Chemical Company, The. (See Howland, Louis H., assignor.)
- Naugatuck Chemical Company, The. (See Maximoff, Alexander T., assignor.)
- Naugatuck Chemical Company, The. (See McGavack, John, assignor.)
- Naugatuck Chemical Company, The. (See McGavack, J., and Nikitin, assignors.)
- Naugatuck Chemical Company, The. (See Messer, William E., assignor.)
- Naugatuck Chemical Company, The. (See Nikitin, Alexander A., assignor.)
- Naugatuck Chemical Company, The. (See Ostromislensky, Iwan, assignor.)
- Naugatuck Chemical Company, The. (See Smith, Omar H., assignor.)
- Naugatuck Chemical Company, The. (See ter Horst, William P., assignor.)
- Naugatuck Chemical Company, The. (See Tuley, William F., assignor.)
- Naugatuck Chemical Company. (See Watkins, Parke H., assignor.)
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Naugle & Townsend, Inc., Wilmington, Del. Centrifugal molding apparatus. 1,903,906; Apr. 18.
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Naugle & Townsend, Inc., Wilmington, Del. Making semi-finished or finished steel products. 1,908,168; May 9.
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Naugle & Townsend, Inc., Wilmington, Del. Massive ring manufacture. 1,908,169; May 9.
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Naugle & Townsend, Inc., Wilmington, Del. Centrifugal molding. 1,908,170; May 9.
- Naugle, Harry M., and A. J. Townsend, Canton, Ohio, assignors to Naugle & Townsend, Inc., Wilmington, Del. Making blooms, slabs and billets. 1,908,171; May 9.
- Naugle, John J. (See Wickenden, Leonard, assignor.)
- Naugle, John J., Rye, N. Y. Refining sugar and the like. 1,898,203; Feb. 21.
- Naugle & Townsend, Inc. (See Naugle, H. M., and Townsend, assignors.)
- Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 1,934,733; Nov. 14.
- Naul, Arthur P. S., Bronxville, N. Y. Mop cleaner and dust pan. 1,898,887; Feb. 21.
- Naul, James M. (See Diehl, F., and Naul.)
- Nauty, James N., East Orange, N. J. Eyeshade. 1,911,842; May 30.
- Nauman, Harold W. (See Nauman, Roger E., assignor.)
- Nauman, Roger E., assignor to one-half to H. W. Nauman, Los Angeles, Calif. Apparatus for determining the quantity and quality of light. 1,913,719; June 13.
- Naumann, Arthur, Berlin, assignor to Voigtlander & Sohn Aktiengesellschaft, Braunschweig, Prussia, Germany. Arrangement for printing photographs. 1,926,596; Sept. 12.
- Naumann, Arthur, Berlin, assignor to the Firm Voigtlander & Sohn Aktiengesellschaft, Braunschweig, Prussia, Germany. System for visually testing photographic negatives. 1,926,597; Sept. 12.
- Naumann, Max. (See Schlecht, L., and Naumann.)
- Naumann, Max, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of molybdenum and tungsten carbonyl. 1,921,536; Aug. 8.

- Naumann, Max, and L. Schlecht, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of molybdenum and tungsten carbonyls. 1,894,259; Jan. 10.
- Naumann, William. (See Alimena, S., and Naumann.)
- Naumburg, Robert E., Winchester, Mass. Apparatus for translating impressions. 1,921,000; Aug. 8.
- Naumkeag Steam Cotton Company. (See Tooley, Clinton B., assignor.)
- Naunton, William J. S. (See Bunbury, H. M., Davies, and Naunton.)
- Naunton, William J. S. (See Jones, M., and Naunton.)
- Nau-Touron, Albert, Grasse, France. Textile apparatus. 1,894,052; Jan. 10.
- Nauts, Frank A., Toledo, assignor to The Monarch Products Co., Tiffin, Ohio. Child's velocipede. 1,932,251; Oct. 24.
- Navarre, Robert, Cleveland, Ohio. Appliance for razor blade sharpening devices. 1,910,710; May 23.
- Navarte, Marie, Dallas, Tex. Combination garment hanger. 1,910,629; May 23.
- Nave, Alfred E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Shelf support. 1,930,656; Oct. 17.
- Nave, Selma B. (See Benner, Arnold R., assignor.)
- Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Forming shaped articles. 1,899,584; Feb. 28.
- Navratil, Ladislaus, Budapest, Hungary. Ceiling. 1,930,251; Oct. 10.
- Navy, Secretary of the, et al. (See Wilkinson, Theodore S., assignor.)
- Nawiasky, Paul. (See Bamberger, C., and Nawiasky.)
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works Inc., New York, N. Y. Purification of blue vat dyestuffs. 1,923,226; Aug. 22.
- Nawiasky, Paul, and A. Krause, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff of the anthraquinone series. 1,894,191; Jan. 10.
- Nawiasky, Paul, and L. Elftaender, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of anthraquinone azines. 1,895,203; Jan. 24.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, W. Bauer, Leverkusen, and E. Krauch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the acridone and thioxanthone series and making them. 1,898,458; Feb. 21.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, and J. Mueller, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of vat dyestuffs of the dibenzanthrone series. 1,902,883; Mar. 28.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, F. Helwert, Mannheim, and A. Krause, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff of the anthraquinone series. 1,914,450; June 20.
- Nawiasky, Paul, and A. Krause, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyrazolanthrone series and making them. 1,920,426; Aug. 1.
- Nawiasky, Paul, and O. Chrzescinski, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 1,923,227; Aug. 22.
- Nawiasky, Paul, and A. Ehrhardt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dibenzanthrone series. 1,926,555; Sept. 12.
- Nawiasky, Paul, and G. Kretschmar, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of condensation products of 1,5-dihalogenanthraquinones. 1,929,847; Oct. 10.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, and B. Stein, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 1,936,948; Nov. 28.
- Nawiasky, Paul, Ludwigshafen-on-the-Rhine, B. Stein, Mannheim, and E. Krauch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 1,936,949; Nov. 28.
- Nawrocki, Frank S., North Hollywood, Calif. Vehicle signal. 1,909,707; May 16.
- Naxon Corporation. (See Nachumsohn, Irving, assignor.)
- Naylon, Elton T., East Cleveland, Ohio. Device for indicating wear of brushes. 1,920,659; Aug. 1.
- Naylor, Carl G., assignor to Naylor Pipe Company, Chicago, Ill. Pipe and making the same. 1,906,010; Apr. 25.
- Naylor, Carl G., assignor to Naylor Pipe Company, Chicago, Ill. Tubing or pipe. 1,906,011; Apr. 25.
- Naylor, Carl G., assignor to Naylor Pipe Company, Chicago, Ill. Apparatus for producing pipe. 1,915,029; June 20.
- Naylor, Harry G., Erie, Pa., assignor to Weil-McLain Company, Michigan City, Ind. Air treating apparatus. 1,937,774; Dec. 5.
- Naylor, Joseph S., Elmhurst, Ill. Sink cabinet. 1,930,180; Oct. 10.
- Naylor Pipe Company. (See Naylor, Carl G., assignor.)
- Naysmith, Shirley R., Cleveland, Ohio assignor to The Miller Company, Meriden, Conn. Lighting fixture. 1,918,484; July 18.
- Naz-Dar Company. (See Respass, William R., assignor.)
- Nazel Engineering & Machine Works. (See Saltzman, P., and Millar, assignors.)
- Neal, Arthur M. (See Williams, I., and Neal.)
- Neal, James B., Lockport, assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Making mineral wool mixture. 1,928,699; Oct. 3.
- Neal, Theophilus E., Prairie View, Tex. Shower bath spray. 1,893,435; Jan. 3.
- Neal, Wallace, assignor of one-half to W. A. Beier, Detroit, Mich. Waterless gas holder. 1,911,462; May 30.
- Neal, William H., Syracuse, N. Y. Universal workholding attachment for vices. 1,936,968; Nov. 28.
- Neal, Zearl E., assignor of two-fifths to W. G. Jester, West Elizabeth, Pa. Emergency safety appliance for bathes. 1,935,229; Nov. 14.
- Neale, Albert E. T. (See Twiss, D. F., Neale, and Carpenter.)
- Neale, Charles C., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Even balance scale. 1,933,277; Oct. 31.
- Neaman, Harry I., et al. (See Palmer, John V., assignor.)
- Ne-Arge Corporation. (See Spaeth, Charles, assignor.)
- Nearing, George G., Chadds Ford, Pa. Promoting plant growth. 1,900,193; Mar. 7.
- Nease, William O., Pasadena, Calif. Apparatus for feeding powdered fuels. 1,915,750; June 27.
- Neave, Andrew A., and C. W. Helstrom, assignors to Treadwell Engineering Company, Easton, Pa. Method of and apparatus for effecting cooling of heated objects. 1,954,203; Nov. 7.
- Nebel, Charles A., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 1,931,031; Oct. 17.
- Nebel, Charles N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power line carrier current system. 1,910,960; May 23.
- Nebel, Charles N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power line carrier current system. 1,917,052; July 4.
- Nebel, Charles N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polar relay circuit. 1,921,425; Aug. 8.
- Nebel, Herbert A., and J. Grief, Amsterdam, N. Y. Weighing device for vehicles. 1,907,263; May 2.
- Nebel, Ruth H., Sturgeon Bay, Wis. Costumer. Des. 91,078; Nov. 21.
- Nebrich, Carl. (See Heinrich, R., and Ziprian, assignors.)
- Necho, Louis. (See Makurz, Herman, assignor.)
- Neckerman, William M., assignor to Republic Steel Corporation, Youngstown, Ohio. Pipe facing tool. 1,904,950; Apr. 18.
- Necto Yeast Corporation. (See Barrows, Donald B., assignor.)
- Neddermeyer, Otto, Wabern, Germany. Removing and cleaning ballast. 1,918,348; July 18.
- Nederlandsche Technische Handel Maatschappij Giro. (See Anschütz-Kaempfe, Hermann, assignor.)
- Nederlandsche Technische Handel Maatschappij "Giro". (See Otto, Wolfgang, assignor.)
- Nederlandsche Technische Handel Maatschappij "Giro". (See Richter, Oskar, assignor.)
- Nederlandschen Technischen Handel Maatschappij "Giro". (See von Mayrhauser, Kurt, assignor.)
- Neeb, William M., Paterson, N. J. Window. 1,906,997; May 2.
- Needham, Earl H., Balboa Island, Calif. Merry-go-round. 1,914,451; June 20.
- Needham, John T., North Plainfield, N. J., assignor, by mesne assignments, to Pneumatic Tube Supply Co. of Delaware. Pneumatic dispatch tube apparatus. 1,900,946; Mar. 14.
- Needham, Joseph, Passaic, N. J. Rotary oven. 1,895,230; Jan. 24.
- Needham, Robert J., Toronto, Ontario, Canada. Loading and unloading cars. 1,918,419; July 18.
- Needham, Robert J., Toronto, Ontario, Canada. Arch for boiler fireboxes. 1,918,420; July 18.
- Needham, Robert J., Toronto, Ontario, Canada. Fabricated valve body. 1,935,329; Nov. 14.
- Neelmeier, Wilhelm. (See Glietenberg, E., Neelmeier, and Rimele.)
- Neelmeier, Wilhelm, E. Rimele, and E. Glietenberg, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoacylated 2,5-diaminohydroquinoneethers. 1,901,322; Mar. 14.
- Neelmeier, Wilhelm, T. Nocken, and H. Friedrich, Leverkusen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Alkylated acidyl polyalkylene polyamines. 1,924,698; Aug. 29.
- Neely, Albert E., assignor to W. C. Ritchie and Company, Chicago, Ill. Assortment dispensing container. 1,896,827; Feb. 7.
- Neely, George L., Berkeley, Calif. Lubricator for valves and the upper walls of cylinders. 1,934,734; Nov. 14.
- Neely, George L., Berkeley, Calif. Lubricator. 1,938,665; Dec. 12.
- Neely, Guy Y., Lima, Ohio. Calendar. 1,898,137; Feb. 21.

- Neely Nut & Bolt Company. (See Linderman, Andrew L., assignor.)
- Neely, Raymond J., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Liquid-storage tank. 1,929,709; Oct. 10.
- Neely, Samuel L. (See Harkness, L. A., and Neely.)
- Neely, William H., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Bumper. Des. 89,911; May 16.
- Neely, William H., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Instrument board panel. Des. 89,971; May 23.
- Neely, William J., assignor to The W. T. Rawleigh Company. Freepoint. Ill. Cleaning implement. 1,929,848; Oct. 10.
- Neer, Raymond L., assignor to C. N. Van Cleave, Indianapolis, Ind. Pin tumbler cylinder lock. 1,932,706; Oct. 31.
- Neese, Elbert H., et al., executors. (See Aldrich, A., and Berry.)
- Neese, Laura J. A., et al., executors. (See Aldrich, A., and Berry.)
- Neeson, Charles R., assignor, by mesne assignments, to Baldwin-Southward Corporation, New Rochelle, N. Y. Measuring apparatus. 1,934,085; Nov. 7.
- Neeson, William H., assignor to The Cleveland Railway Supply Company, Cleveland, Ohio. Switch stand. 1,908,781; May 16.
- Neet, Fred C., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Apparatus for treating fruit. 1,925,989; Sept. 5.
- Neff, Claude R., assignor to The Neff & Fry Company, Camden, Ohio. Burial vault. 1,923,792; Aug. 22.
- Neff, Edward A., and G. P. Rink, Chicago, Ill., assignors to Phoenix Trimming Co. Chenille making machine. 1,927,292; Sept. 19.
- Neff, Frank H., South Euclid, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Bonding rail. 1,933,564; Nov. 7.
- Neff & Fry Company, The. (See Neff, Claude R., assignor.)
- Neff, Johannes, Dresden, assignor to the Firm "Universelle", Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Treating articles produced in one machine and consumed in another machine. 1,920,762; Aug. 1.
- Neff, Johannes, Dresden, assignor to Universelle Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Machine for placing articles of flat or oblong cross-section side-by-side in an oblique position. 1,927,647; Sept. 19.
- Neff, Johannes, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Cigarette-packing machine. 1,927,648; Sept. 19.
- Neff, Johannes, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Crosswise wrapping of goods. 1,941,044; Dec. 26.
- Neff, Johannes, assignor to the Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Apparatus for directing oval cigarettes. 1,941,219; Dec. 26.
- Neff, John P. (See Siegel, C. A., and Neff.)
- Neff, Stanley B., Sandy, and W. A. Neff, Riverton, Utah. Branding machine. 1,940,691; Dec. 26.
- Neff, William A. (See Neff, Stanley B. and W. A.)
- Neffendorf, Paul, Gen. Gaertner, Vlaardingen, assignor to Naamloze Vennootschap Havenbedrijf Vlaardingen-Oost, Vlaardingen, Netherlands. Rod grab for heapable material. 1,914,613; June 20.
- Negbauer, H., & Co. (See Negbauer, Harry, assignor.)
- Negbauer, H., & Co., Inc. (See Negbauer, Harry, assignor.)
- Negbauer, Harry, New York, N. Y., assignor to H. Negbauer & Co., Inc. Match box holder or article of analogous nature. Des. 85,530; Mar. 21.
- Negbauer, Harry, New York, N. Y., assignor to H. Negbauer & Co., Inc. Cream pitcher or analogous article. Des. 89,529; Mar. 21.
- Negbauer, Harry, New York, N. Y., assignor to H. Negbauer & Co., Inc. Sugar bowl or article of analogous nature. Des. 89,531; Mar. 21.
- Negbauer, Harry, New York, N. Y., assignor to H. Negbauer & Co., Inc. Smoker's tray or article of analogous nature. Des. 89,532; Mar. 21.
- Negbauer, Harry, New York, N. Y., assignor to H. Negbauer & Co., Inc. Dish or article of analogous nature. Des. 89,784; May 2.
- Negel, Günther, Kiel, Germany, assignor to Centra, Handels- & Industrie A.-G., Chur, Switzerland. Internal combustion engine. 1,925,873; Sept. 5.
- Negendank, Curt, Mellendorf, assignor to Schmidt'sche Heissdampf-Gesellschaft, m. b. H., Kassel-Wilhelms-höhe, Germany. Boiler. 1,941,268; Dec. 26.
- Neishi, Shin, Amagasaki, Hyogo Ken, assignor to Empun Torio Kabushiki Kaisha Kamlkyo-Ku, Kyoto, Japan. Manufacturing lead sulphates containing lead oxide. 1,933,750; Nov. 7.
- Negrett & Zambra. (See Ibbott, Harold W., assignor.)
- Negus, Alfred C., Schenectady, N. Y. Locomotive accessory supporting apparatus. 1,911,843; May 30.
- Neher, Harry T., Bristol, and C. S. Hollander, assignors to Rohm & Haas Company, Philadelphia, Pa. Laminated glass. 1,937,323; Nov. 28.
- Neher, Leroy P., assignor to Neher-Whitehead & Company, St. Louis, Mo. Bottle collar. Des. 89,072; Jan. 17.
- Neher-Whitehead & Company. (See Neher, Leroy P., assignor.)
- Nehf, Charles J., Castle Shannon, Pa. Frozen food packet and manufacturing the same. 1,893,842; Jan. 10.
- Neills, Charles H., Detroit, Mich., assignor to Oakes Products Corporation, North Chicago, Ill. Spare-wheel carrier and lock. 1,931,080; Oct. 17.
- Neihls, Herbert, Hawthorne, N. J., assignor to Landis & Gyr, A.-G. Electricity meter. 1,926,210; Sept. 12.
- Neiburger, Samuel, assignor to R. H. Guenther, Chicago, Ill. Humidifier. 1,934,204; Nov. 7.
- Neidich, Samuel A., Edgewater Park, N. J. Forming tubes of celluloid and the like. 1,902,573; Mar. 21.
- Neidich, Samuel A., Edgewater Park, N. J. Manufacture of tapered tubes of celluloid and the like. 1,904,290; Apr. 18.
- Neidich, Samuel A., Edgewater Park, N. J., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Lifting and rotating apparatus. 1,899,714; Feb. 28.
- Neidich, Samuel A., Edgewater Park, and W. Mendel, Beverly, N. J. Manufacturing articles from celluloid and the like. 1,904,289; Apr. 18.
- Neidl, Georg, Berlin, Germany. Compressor. 1,901,817; Mar. 14.
- Neifert, George W., and W. H. Kutz, Summit Hill, assignors of one-half to E. J. Wagner, Tamaqua, Pa., one-fourth to said G. W. Neifert, and one-fourth to said W. H. Kutz. Separator for coal and the like. 1,939,314; Dec. 12.
- Neifert, Raymond E., Brooklyn, assignor to J. A. Deknatel & Son, Inc., New York, N. Y. Display device. 1,924,955; Aug. 29.
- Neighbour, Leonard B., assignor to Deere & Company, Moline, Ill. Stalk shredding implement. 1,894,412; Jan. 17.
- Neikirk, John O., assignor to Rodger Ballast Car Company, Chicago, Ill. Car construction. 1,932,021; Oct. 24.
- Neil, Joseph B., York, S. C. Cotton picker. 1,930,767; Oct. 17.
- Neiley, Stephen B., Winchester, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Coagulation of latex. 1,896,054; Jan. 31.
- Neill, Anna, et al. (See Ganary, Ralph T., assignor.)
- Neill, Edward B., et al. (See Ganary, Ralph T., assignor.)
- Neill, Fay W. (See Wallin, E. A., and Neill.)
- Neilsen, Alfred, Kirkland, Wash. Watering trough for poultry. 1,899,519; Feb. 28.
- Neilson, Clarence C. (See Neilson, Vivian W. and C. C.)
- Neilson, Howard R., Detroit, Mich., assignor to H. E. Westervelt, South Bend, Ind. Material for cleaning and preparing metal for paints. 1,935,911; Nov. 21.
- Neilson, Vivian W. and C. C., Trout Creek, Utah. Latch for gates and the like. 1,904,291; Apr. 18.
- Neiman, Ben I., San Antonio, Tex. Cushioning pad. 1,936,520; Nov. 21.
- Neis, Longinus A., assignor to American Body & Cab Company, Dixon, Ill. Trunk. 1,912,787; June 6.
- Neiterman, Samuel, Roxbury, Mass. Attachment for telephones. 1,898,681; Feb. 21.
- Neitz, John J. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Neitzke, Oscar F., Cambridge, assignor to Bennett, Incorporated, East Cambridge, Mass. Aqueous dispersion of Montan wax and other water-immiscible bodies and making. 1,940,431; Dec. 19.
- Neitzke, Oscar F., Cambridge, assignor to Bennett, Incorporated, East Cambridge, Mass. Dispersing water-immiscible bodies. 1,940,432; Dec. 19.
- Nekola, Harry O., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box lid. 1,938,398; Dec. 5.
- Nekoosa-Edwards Paper Company. (See Arpin, Edmund P., jr., assignor.)
- Nekoosa-Edwards Paper Company. (See Pelot, Leon V. and F.)
- Nekoosa-Edwards Paper Company. (See Youngchild, J. W., and Wiphi, assignors.)
- Nekuda, Raymond F., Kansas City, Mo. Game apparatus. 1,935,370; Nov. 14.
- Neldner, Edward E., Milwaukee, Wis. Valve-seat finishing tool. Re19,013; Nov. 28.
- Neldner, Stephen W., Milwaukee, Wis. Valve lock. 1,903,190; Mar. 28.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotation control mechanism for drills. 1,895,860; Jan. 31.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure tool. 1,898,493; Feb. 21.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure tool. 1,898,494; Feb. 21.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Power feeding device. 1,902,574; Mar. 21.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure tool. 1,904,694; Apr. 18.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Tool retainer. 1,911,844; May 30.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure tool. 1,913,037; June 6.

- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Power feed for rock drills. 1,914,815; June 20.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Valve controlled fluid pressure tool. 1,920,763; Aug. 1.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Safety control apparatus for rock drills. 1,928,700; Oct. 3.
- Nell, Gustave M., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Tool retainer. 1,931,006; Oct. 17.
- Nell, Gustave M., and E. W. Stevens, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Hollow piston hammer. 1,927,499; Sept. 19.
- Neller, Albert H., assignor to The Loudon Machinery Company, Fairfield, Iowa. Animal stall. 1,928,819; Oct. 3.
- Nelles, Douglas H., and J. O. Fortin, Ottawa, Ontario, Canada. Making topographical maps. 1,937,711; Dec. 5.
- Nelles, Lafayette H., New York, N. Y. Soap molding machine. 1,904,071; Apr. 18.
- Nelms, Joseph C., East Cleveland, assignor to The Ohio & Pennsylvania Coal Company, Cleveland, Ohio. Mining apparatus. 1,917,318; July 11.
- Nelson, Adolf H., San Francisco, Calif. Can feeding system. 1,921,577; Aug. 8.
- Nelson, Adolph L., Detroit, Mich. Piston. 1,928,842; Oct. 3.
- Nelson, Albert, Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,935,330; Nov. 14.
- Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company Inc. X-ray tilt table. Des. 90,677; Sept. 12.
- Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. X-ray tube shield. 1,929,177; Oct. 3.
- Nelson, Alfred W., Pelham Manor, N. Y. Casement window. 1,922,494; Aug. 15.
- Nelson, Andrew W., assignor to Columbian Enameling & Stamping Co., Terre Haute, Ind. Metal wall tile fastening. 1,917,388; July 11.
- Nelson, Andrew W., assignor to Columbian Enameling & Stamping Co., Terre Haute, Ind. Wall tile attachment. 1,922,214; Aug. 15.
- Nelson, Anton R., Burlingame, Calif. Timepiece. 1,912,650; June 6.
- Nelson, Arthur A., assignor of one-half to J. S. Stubblefield, Burlington, Iowa. Oil and ignition switch alarm. 1,912,788; June 6.
- Nelson, Arthur C., Alexandria, Minn. Pump-operating mechanism. 1,931,295; Oct. 17.
- Nelson, Arthur E., Chicago, Ill. Stone cutting mechanism. 1,909,001; May 16.
- Nelson, Arthur E., Cohoes, N. Y. Sanding machine. 1,934,555; Nov. 7.
- Nelson, Arthur W., Chicago, Ill. Ironing machine and heating same. 1,925,702; Sept. 5.
- Nelson, August L., and F. W. Pease, assignors to Hayes Body Corporation, Grand Rapids, Mich. Automobile body sill. 1,895,171; Jan. 24.
- Nelson, August L., and F. W. Pease, assignors to Hayes Body Corporation, Grand Rapids, Mich. Adjustable seat construction. 1,899,585; Feb. 28.
- Nelson Brothers Company. (See Nelson, Harry B., assignor.)
- Nelson, Carl, assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 1,894,280; Jan. 17.
- Nelson, Carl C., and R. A. Crosby, assignors to Electric Machinery Manufacturing Company, Minneapolis, Minn. Motor starting system. 1,921,770; Aug. 8.
- Nelson, Charles E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Blank handling apparatus. 1,897,583; Feb. 14.
- Nelson, Charles M. H., Los Angeles, Calif. Composite luminescent tube circuit. 1,913,815; June 13.
- Nelson, Charles S., Sandpoint, Idaho. Motor vehicle power shift. 1,908,437; May 9.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 1,902,808; Mar. 21.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Making candles. 1,908,044; May 9.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,930,211; Oct. 10.
- Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,934,873; Nov. 14.
- Nelson, Emil A., Detroit, Mich. Making a brake band. 1,894,321; Jan. 17.
- Nelson, Emil A., Detroit, Mich. Vehicle wheel. 1,921,131; Aug. 8.
- Nelson, Emil A., Detroit, Mich. Brake. 1,925,596; Sept. 5.
- Nelson, Emil A., Detroit, Mich. Brake. 1,925,597; Sept. 5.
- Nelson, Emil A., Detroit, Mich. Brake mechanism. 1,925,598; Sept. 5.
- Nelson, Emil A., Detroit, Mich. Brake operating mechanism. 1,939,221; Dec. 12.
- Nelson, Ferdinand L., Los Angeles, Calif. Luminescent tube terminal connection sockets. 1,920,710; Aug. 1.
- Nelson, Floyd R., assignor to Cotta Transmission Corporation, Rockford, Ill. Stoker drive mechanism. 1,940,433; Dec. 19.
- Nelson, Frank A., Lakeland, Fla. Brake actuating mechanism. 1,918,776; July 18.
- Nelson, George, Lakeland, Fla. Laundry unit. 1,940,809; Dec. 26.
- Nelson, George A., Wauwatosa, Wis. Folding boat and trailer carrier therefor. 1,899,900; Feb. 28.
- Nelson, George B., Redfield, Iowa. Land surfacing device. 1,939,460; Dec. 12.
- Nelson, Hans P., Grantwood, N. J. Tapered center for riding crops. 1,893,099; Jan. 3.
- Nelson, Hans P., Grantwood, N. J. Pony polo mallet. 1,902,660; Mar. 21.
- Nelson, Hans P., Grantwood, N. J. Polo mallet head. 1,918,485; July 18.
- Nelson, Harry B., assignor to Nelson Brothers Company, Saginaw, Mich. Internal combustion engine. 1,923,387; Aug. 22.
- Nelson, Henry F., La Fayette, Ind. Toy gun. 1,905,737; Apr. 25.
- Nelson, Henry F., assignor to Clay Prosser, Muncie, Ind. Toy. 1,896,913; Feb. 7.
- Nelson, Herman, Corporation, The. (See Beling, Earl H., assignor.)
- Nelson, Herman, Corporation, The. (See Shurtleff, Wilfred, assignor.)
- Nelson, Herman, San Francisco, Calif. Fruit halving and quartering machine. 1,921,633; Aug. 8.
- Nelson, Homer J., assignor to Eastman Kodak Company, Rochester, N. Y. Film package. 1,925,565; Sept. 5.
- Nelson, Herman, Corporation, The. (See Otis, Gerald E., assignor.)
- Nelson, Ian T., Edinburgh, Scotland. Printing machine. 1,939,133; Dec. 12.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing machine cabinet. Des. 91,120; Nov. 28.
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Method and apparatus for washing clothes. 1,923,580; Aug. 22.
- Nelson, Jennings W., Bloomer, Wis. Valve oiler and silencer. 1,930,368; Oct. 10.
- Nelson, John B., Manly, and A. J. Moore, Mason City, Iowa. Attachment for machines for making clay shingles. 1,931,617; Oct. 24.
- Nelson, John E. (See Murray, M. H., and Nelson.)
- Nelson, John F., Charleroi, Pa., and L. Hodge, Kent, Ohio. Paper flower box. 1,904,072; Apr. 18.
- Nelson, John N., Cranston, assignor to Universal Optical Corporation, Providence, R. I. Temple mounting. 1,906,330; May 2.
- Nelson, John N., Cranston, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 1,940,140; Dec. 19.
- Nelson, John N., Providence, R. I., assignor to Universal Optical Corporation. Ophthalmic mounting. 1,926,731; Sept. 12.
- Nelson, John N., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 1,932,282; Oct. 24.
- Nelson, John V., Chicago, Ill., assignor, by mesne assignments, to Milprint Products Corporation, Milwaukee, Wis. Machine for wrapping packages. 1,905,489; Apr. 25.
- Nelson, Joseph F., Parsons, Kans. Dental matrix. 1,935,481; Nov. 14.
- Nelson Knitting Company. (See Monk, Howard H., assignor.)
- Nelson, L. R., Manufacturing Co. (See Armstrong, Charles C., assignor.)
- Nelson, Lee O., Bay City, Oreg. Air turbine. 1,935,097; Nov. 14.
- Nelson, Lewen R., Peoria, Ill. Sprinkler. 1,911,381; May 30.
- Nelson, Lewen R., Peoria, Ill. Apparatus for use in making castings. 1,925,400; Sept. 5.
- Nelson, Margaret D. (See Schall, H., and Nelson.)
- Nelson, Martin L., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multioffice telephone system. 1,907,087; May 2.
- Nelson, Martin L., Park Ridge, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic auditing and merchandise control system. 1,927,556; Sept. 19.
- Nelson, Martin L., Park Ridge, and H. E. Hershey, Oak Park, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Carrier current system. 1,911,712; May 30.
- Nelson, N. P., Iron Works. (See Nelson, N. P., and James, assignors.)
- Nelson, Nels C. (See Einsel, E. D., and Nelson.)
- Nelson, Nels L., St. James, Minn. Screen and sash fastener. 1,928,734; Oct. 3.
- Nelson, Nels P., Passaic, and F. W. James, Belleville, assignors to N. P. Nelson Iron Works, Passaic, N. J. Portable crane. 1,917,053; July 4.
- Nelson, Nels T., Attleboro, Mass., assignor to J. F. Sturdy's Sons Company. Bracelet chain. 1,927,044; Sept. 19.
- Nelson, Norman, Newark, N. J. Rope protector and guide. 1,933,751; Nov. 7.
- Nelson, Olof L. (See Schletz, F. A., and Nelson.)

- Nelson, Oscar W., Portland, Oreg. Grinding machine. 1,902,661; Mar. 21.
- Nelson, Paul H., Collingswood, N. J., assignor to Westinghouse Electric & Manufacturing Company. Amplifier. 1,911,382; May 30.
- Nelson, Paul R., Fort Totten, N. Y., assignor to the Secretary of War, in behalf of the United States. Submarine mine control. 1,901,185; Mar. 14.
- Nelson, Ralph M., Cleveland Heights, Ohio. Gauge. 1,898,257; Feb. 21.
- Nelson, Robert, Arlington, and G. Johnson, Jamaica Plain, Mass. Bookholder. 1,926,698; Sept. 12.
- Nelson, Robert A., assignor to The Standard Envelope Manufacturing Company, Cleveland, Ohio. Device for applying adhesive to envelope blanks or the like. 1,939,359; Dec. 12.
- Nelson, Robert A., assignor to The Standard Envelope Manufacturing Company, Cleveland, Ohio. Envelope folding machine. 1,939,360; Dec. 12.
- Nelson, Roy F., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Lubricant. 1,929,955; Oct. 10.
- Nelson, Roy H., et al. (See Simmons, Ernest W., assignor.)
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 1,897,209; Feb. 14.
- Nelson, Rudolph S., Rockford, Ill., assignor to The Hoover Company, North Canton, Ohio. Air-cooled absorber for refrigerating systems. 1,930,657; Oct. 17.
- Nelson, Sidney W. (See Oestman, C. F., and Nelson.)
- Nelson, Stanley F., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Switchboard. 1,931,618; Oct. 24.
- Nelson, Sven H. (See Polsen, S. D., and Nelson.)
- Nelson, Victor B., Rockford, Ill. Educational device. 1,895,814; Jan. 31.
- Nelson, Victor E., assignor to Universal Oil Seal Company, Pontiac, Mich. Packing ring. Re18,829; May 9.
- Nelson, Victor E., assignor to Universal Oil Seal Company, Pontiac, Mich. Oil retaining packing for rods and shafts. 1,899,630; Feb. 28.
- Nelson, William, Bloomfield, N. J., assignor to B. Walker, New York, N. Y. Radiator cap. 1,911,532; May 30.
- Nelson, William, Minneapolis, Minn., assignor to Burnett Walker, New York, N. Y. Nut lock for vehicle wheels. 1,923,388; Aug. 22.
- Nelson, William, Minneapolis, Minn., assignor to B. Walker, New York, N. Y. Expandible wheel. 1,926,211; Sept. 12.
- Nelson, William A. (See Lichtenberg, E. H., and Nelson.)
- Nelson, William K., assignor, by mesne assignments, to Insulex Corporation, Chicago, Ill. Insulating block. 1,902,178; Mar. 21.
- Nemec, Frank L. (See Fegles, D. B., and Nemec.)
- Nemec, Frank L., assignor to Fegles Construction Company, Limited, Minneapolis, Minn. Grain storage structure. 1,909,066; May 16.
- Nemec, Frank L., assignor, by mesne assignments, to C. R. Conkey, Minneapolis, Minn. Building structure. 1,909,547; May 16.
- Neményi, Lajos, now by judicial change of name, L. I. Northon, Mount Vernon, N. Y. Steam heating system. 1,924,370; Aug. 29.
- Nemes, Mike J., assignor of one-third to Wm. A. Hamilton, Steubenville, Ohio. Stopper operating mechanisms for ladles. 1,893,436; Jan. 3.
- Nemmers, Francis J., assignor of one-fourth to R. E. Rippey and one-fourth to R. M. St. Clair, Le Mars, Iowa. Target trap control mechanism. 1,909,416; May 16.
- Nenning, George H., Bellmore, and J. C. Johnson, Glen Cove, N. Y. Toothbrush. 1,894,413; Jan. 17.
- Nenninger, Lester F. (See Einstein, S., and Nenninger.)
- Nenninger, Lester F. (See Ernst, Hans, assignor.)
- Nenninger, Lester F. (See Ernst, H., and Nenninger.)
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machinery. 1,904,649; Apr. 18.
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,919,150; July 18.
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,777; Dec. 12.
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Cutter guard. 1,938,778; Dec. 12.
- Nenninger, Lester F., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Transmission and control mechanism for a milling machine. 1,938,779; Dec. 12.
- Nenninger, Lester F., and W. D. Archea, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool. 1,932,374; Oct. 24.
- Nenninger, Lester F., and M. Romaine, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,932,984; Oct. 31.
- Nenninger, Lester F., and E. G. Roehm, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,936,257; Nov. 21.
- Nenninger, Lester F., Cincinnati, and W. D. Archea, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,775; Dec. 12.
- Nenninger, Lester F., and F. A. Hassman, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,776; Dec. 12.
- Nenninger, Lester F., and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Power operated clutch for machine tools. 1,938,780; Dec. 12.
- Nenninger, Lester F., and B. Sassen, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,938,781; Dec. 12.
- Neon Process, Incorporated. (See Johnson, Stanley J., assignor.)
- Ne Page McKenny Company. (See McKenny, Van S., assignor.)
- Nepstad, Oscar A., et al. (See Stubbjare, Joseph A., assignor.)
- Neptune, Frederick W., assignor to C. G. Conn, Ltd., Elkhart, Ind. Trombone. 1,905,045; Apr. 25.
- Neptune, Herman P., San Diego, Calif. Wire stretcher. 1,922,706; Aug. 15.
- Neptune Meter Company. (See Hazard, Charles S., assignor.)
- Neptune Meter Company. (See Marden, William L., assignor.)
- Neresheimer, Heinrich. (See Kunz, M. A., Neresheimer, and Koerberle.)
- Neresheimer, Heinrich. (See Lüttringhaus, A., Neresheimer, and Emmer.)
- Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of vat dyestuffs of the anthraquinone acridine series and the products thereof. 1,935,724; Nov. 21.
- Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, and G. Roehner, Edingen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of vat dyestuffs of the quinoline-anthraquinone series and the products. 1,897,439; Feb. 14.
- Neresheimer, Heinrich, and W. Schneider, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Purification of vat dyestuffs of the anthraquinone series. 1,899,348; Feb. 28.
- Nerger, Hans J., New York, N. Y. Textile fabric or the like. Des. 89,351; Feb. 28.
- Nerger, Hans J., New York, N. Y. Textile fabric or the like. Des. 89,378; Feb. 28.
- Nerger, Hans J., New York, N. Y. Textile fabric or the like. Des. 89,785; May 2.
- Nerger, Hans J., assignor to The Schwarzenbach Huber Co., New York, N. Y. Textile fabric or the like. Des. 89,592; Apr. 11.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eye wire for an ophthalmic mounting. Des. 90,815; Oct. 3.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Ophthalmic mounting. Des. 91,175; Dec. 12.
- Nerney, George E., Attleboro, Mass., assignor to Bay State Optical Company. Device for manicuring. 1,909,376; May 16.
- Nerney, George E., Attleboro, Mass., assignor to Bay State Optical Company. Eyeglass construction. 1,915,577; June 27.
- Nero, Arvid H., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Combination electric lamp guard and support or similar article. Des. 91,081; Nov. 21.
- Nero, Arvid H., West Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric socket support or similar article. Des. 91,143; Dec. 5.
- Nero, Arvid H., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Tumbler switch. 1,919,119; July 18.
- Nero, Arvid H., West Hartford, assignor to The Arrow-Hart & Hegeman Company, Hartford, Conn. Socket fastening. 1,925,966; Sept. 5.
- Nesbitt, Frank T., Alton, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Leer. 1,904,983; Apr. 18.
- Nesbitt, Frank T., Alton, Ill., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Leer. 1,923,581; Aug. 22.
- Nesbitt, John J., Inc. (See Ewald, Warren, assignor.)
- Nesbitt, William H., assignor to Wheeling Corrugating Company, Wheeling, W. Va. Sheet metal receptacle. 1,923,742; Aug. 22.
- Ness, Joseph, Rockford, assignor to Spengler Loomis Manufacturing Co., Chicago, Ill. Pencil sharpener. 1,940,966; Dec. 26.
- Nesselmann, Kurt, and H. Brüner, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Absorption refrigerating apparatus. 1,894,359; Jan. 17.
- Nessler, Charles, Palisades, assignor to The Nestle-Le Mur Company, New York, N. Y. Apparatus for testing hair. 1,917,597; July 11.
- Nesta Limited. (See Salter, Thomas, assignor.)
- Nestel, Ludwig E. (See Heinlen, H. C., and Nestel.)
- Nester, Elifah T., Hillsville, Va. Gear shift lever horn button system. 1,895,337; Jan. 24.
- Nester, Howard W., assignor to Parker Wire Goods Company, Worcester, Mass. Road chair. 1,930,957; Oct. 17.

- Nester, Howard W., assignor to Parker Wire Goods Company, Worcester, Mass. Cleat for sport shoes. 1,937,712; Dec. 5.
- Nester, William A., East St. Louis, Ill., assignor to Obear Nester Glass Company, St. Louis, Mo. Bottle. Des. 89,786; May 2.
- Nestle-Le Mur Company, The. (See Lewis, Wilbur S., assignor.)
- Nestle-Le Mur Company, The. (See Nessler, Charles, assignors.)
- Nestle-Lemur Company, The. (See Seiter, Otto, assignor.)
- Nestor Johnson Manufacturing Company. (See Johnson, Charles I., assignor.)
- Nettenstrom, David, Chicago, Ill. Vehicle spring perch. 1,898,204; Feb. 21.
- Nettenstrom, David, assignor of one-half to Harry C. Wanner, Chicago, Ill. Ground anchor. 1,899,520; Feb. 28.
- Netzel, Richard J., Lakewood, assignor to A. M. Orr and The Cleveland Trust Company, Cleveland, Ohio, executors of William Orr, deceased. Wringer. 1,914,452; June 20.
- Neu, Warren L., and G. A. Cheney, Anderson, Ind., assignors to Hanson-Van Winkle-Munning Company, Matawan, N. J. Ventilated buff. 1,936,203; Nov. 21.
- Neubacher, Emil. (See Schmidt, M., and Neubacher.)
- Neubauer, Carl, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of films, lacquers and the like. 1,902,337; Mar. 21.
- Neuberg, Louis, Rahway, N. J., assignor to The Warner Chemical Company, New York, N. Y. Handling sodium phosphate. 1,935,575; Nov. 14.
- Neuberger Chemical Corporation. (See Neuberger, Harry C., assignor.)
- Neuberger, Harry C., assignor to Neuberger Chemical Corporation, New York, N. Y. Making bituminous material. 1,894,630; Jan. 17.
- Neubert, Oskar. (See Günzler, H., and Neubert.)
- Neuberth, George E., Newark, N. J. Holding attachment. 1,907,858; May 9.
- Neufeldt & Kuhnke G. m. b. H., the Firm. (See Hausrath, Herbert, assignor.)
- Neugebauer, Wilhelm, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Agent and process for drenching skins. 1,940,265; Dec. 19.
- Neugebauer, Wilhelm, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Preparing proteinases and carboxy-polypeptidases of the pancreas. 1,929,003; Oct. 3.
- Neuhaus, Carl. (See Gorke, H., and Neuhaus.)
- Neuhausen, Oscar E. (See South, F., jr., and Neuhausen.)
- Neuhausen, Sebastian P., Lombard, Ill. Rake. 1,937,775; Dec. 5.
- Neuhauss, Heinrich, Dusseldorf, Germany. Lining a furnace by freezing. 1,904,664; Apr. 18.
- Neuhous, Ernst I., Ukiah, Calif. Gun attachment. 1,907,302; May 2.
- Neukranz, R. Kurt. (See Gollnick, Louis R., assignor.)
- Neuland, Alfons H., Irvington, N. J., assignor, by mesne assignments, to Electrogear Corporation. Automatic power transmission. Re18,888; July 4.
- Neulander, Joseph, New York, N. Y. Inflatable elastic garment and the like. 1,919,032; July 18.
- Neuman, Harry G. (See Neuman, Jacob J. and H. G.)
- Neuman, Harry T., Los Angeles, Calif. Game apparatus. 1,902,187; Mar. 21.
- Neuman, Jacob J. (See Andrews, N. R., and Neuman.)
- Neuman, Jacob J., Jamaica, N. Y. Material handling apparatus. 1,911,525; May 30.
- Neuman, Jacob J., Jamaica, N. Y. Mechanical discharger for centrifugal extractors. 1,922,629; Aug. 15.
- Neuman, Jacob J., New York, N. Y. Automatic sequence control means. 1,939,183; Dec. 12.
- Neuman, Jacob J., Jamaica, N. Y. Automatic control means for conveyor systems. 1,939,184; Dec. 12.
- Neuman, Jacob J., Jamaica, N. Y. Multiple unit switch. 1,939,185; Dec. 12.
- Neuman, Jacob J. and H. G., New York, N. Y. Method and apparatus for drying and separating sugars and other granular or comminuted materials. 1,912,910; June 6.
- Newman, Thomas W., assignor of ninety per cent to F. W. Redding, Columbus, Ohio. Parachute toy. 1,938,931; Dec. 12.
- Newman, William A., Montreal, Quebec, Canada. Door hanger. 1,938,926; Dec. 12.
- Neumann, Frederick F., West Hartford, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Fuel supply device for liquid fuel burners. 1,916,807; July 4.
- Neumann, Frederick F., West Hartford, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Apparatus for starting liquid fuel burners. 1,938,348; Dec. 5.
- Neumann, Georg, Berlin, Germany. Foldable traveler's table and the like. 1,895,338; Jan. 24.
- Neumann, Josef, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc. Production of colored resisting effects. 1,898,138; Feb. 21.
- Neumann, Oskar, Oranienburg, near Berlin, assignor to Deutsche Gasglühlicht-Auer-Gesellschaft, m. b. H., Berlin, Germany. Substance for indicating the exhaustion of gas purifying masses and using the same. 1,925,905; Sept. 5.
- Neumann, Paul A., Chicago, Ill. Extracting gold from its ores. 1,923,948; Aug. 22.
- Neumann, Rudolf, Berlin-Charlottenburg, Germany. Gas pressure regulator. 1,895,047; Jan. 24.
- Neumann, Theodore L., Dayton, Ohio, assignor to The Dayton Paper Novelty Company. Paper box for articles having shafts and handles. 1,897,672; Feb. 14.
- Neumann, Warren, R. (See Clemons, D. R., and Neumann.)
- Neumark, Solon H., et al. (See Kreher, Max, assignor.)
- Neumiller, Harry J., Peoria, Ill. Package. 1,923,452; Aug. 22.
- Neureuther, Andrew H., assignor to Western Clock Company, Peru, Ind. Electric clock. 1,913,849; June 13.
- Neureuther, Andrew H., assignor to Western Clock Company, Peru, Ill. Clock and Timekeeping means. 1,933,923; Nov. 7.
- Neuroth, Hermann. (See Schmidt, M. P., and Neuroth.)
- Neuschotz, Robert, New York, N. Y. Elevator control system. 1,938,109; Dec. 5.
- Neuschotz, Robert, and N. C. Ratner, New York, N. Y. Card table. 1,906,213; Apr. 25.
- Neuschotz, Robert A., New York, N. Y. Brace or bracket for the support of crockery, glassware, kitchen utensils, and the like. 1,925,540; Sept. 5.
- Neuser, Arthur. (See Gauger, F. A., Johnson, and Neuser.)
- Neuss, Oscar, Berlin-Charlottenburg, Germany. Process for the manufacture of condensation products from urea and formaldehyde. 1,914,957; June 20.
- Neustadt David, Decatur, Ill. Wearing apparel. 1,937,356; Nov. 28.
- Neutelings, Theodoor R., Bergen-op-Zoom, Netherlands. Machine for cutting and shaping cakes and biscuits. 1,938,110; Dec. 5.
- Neuwirth, Herman, New York, N. Y. Combined thermometer and barometer. Des. 90,043; May 30.
- Neuwirth, Herman, New York, N. Y. Thermometer construction. 1,909,708; May 16.
- Neuwirth, Herman, New York, N. Y. Microscope. 1,934,874; Nov. 14.
- Neuwirth, Herman, New York, N. Y. Hand reading glasses. 1,940,875; Dec. 26.
- Nevalost Manufacturing Company. (See Lapin, Bernard, assignor.)
- Neveling, Aloys, Chicago, Ill. Method of and apparatus for controlling dredges. 1,902,259; Mar. 21.
- Neveling, Aloys, Chicago, Ill. Spud for dredges. 1,915,331; June 27.
- Nevelson, Charles S., New York, N. Y., assignor to Nathan Berliawsky, Rockland, Maine. Attachment adapted to be applied to sewing machines for repairing runs in fabrics. 1,931,588; Oct. 24.
- Neveu, Anselme, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load brake apparatus. 1,895,483; Jan. 31.
- Neveu, Anselme, Livry Gargan, (Seine et Oise), France, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Brake and door control apparatus. 1,909,377; May 16.
- Neveu, Anselme, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer. 1,935,813; Nov. 21.
- Neveu, Frank A., Los Angeles, Calif. Automobile radiator guard. Des. 90,992; Nov. 7.
- Neville, Arthur C. B., Isfield, England. Control of acceleration and braking of vehicles driven by internal combustion engines. 1,921,693; Aug. 8.
- Neville Company, The. (See Anderson, George K., assignor.)
- Nevills, John J., Oakland, assignor to Libby, McNeill & Libby, San Francisco, Calif. Fruit pitter. 1,937,905; Dec. 5.
- Nevin, James V., Scotia, assignor to The Pacific Lumber Company, San Francisco, Calif. Sawdust wood fiber board and making same. 1,899,768; Feb. 28.
- Nevin Joseph W., West View, Pa. Window-cleaner's seat. 1,930,369; Oct. 10.
- Nevin, Mendel, Brooklyn, N. Y. Syringe. 1,892,993; Jan. 3.
- Nevin, Mendel, assignor to Novocol Chemical Mfg. Co. Inc., Brooklyn, N. Y. Utilizing hypodermic medicaments, etc. 1,909,591; May 16.
- Nevins, Charles A., assignor to Doherty Research Company, New York, N. Y. Piston and wrist pin construction. 1,903,191; Mar. 28.
- Nevins-Church Press, The. (See Locke, Edwin A., assignor.)
- New, David, assignor to Steinmetz Sanitary Doormat Company of America, South Bend, Ind. Doormat. 1,935,517; Nov. 14.
- Newald, Martin. (See McNeal, Eli H., assignor.)
- Newall Engineering Co. Ltd., The. (See Summers, Kenneth E., assignor.)
- Newall, William F., Winsford, England. Coin exchanging mechanism. 1,901,323; Mar. 14.
- Newbaker, Edward J., Windber, Pa., assignor to The Berwind-White Coal Mining Company. Mining apparatus. 1,892,994; Jan. 3.
- Newbauer, Oscar E., Rochester, N. Y. Emergency key holder for automobiles. 1,916,890; July 4.
- Newbauer, Oscar E., Rochester, N. Y. Emergency key holder. 1,934,319; Nov. 7.
- Newberg, Charles A., Fort Worth, Tex. Compound compression stop and waste valve. 1,916,384; July 4.
- Newberg, John B., Chicago, Ill. Bookholder. 1,922,215; Aug. 15.

- Newberry, Charles P., Tweespruit, Orange Free State, Union of South Africa. Carburetor for internal combustion engines. 1,893,560; Jan. 10.
- Newberry, Meigs W., South Windsor, Conn. Power transmission mechanism. 1,910,038; May 23.
- Newberry, Sidney H., Philadelphia, Pa. Drum head tightener. 1,901,765; Mar. 14.
- Newberry, Wayne. (See Koch, D. S., and Newberry.)
- Newberry, Carlos W. (See Hoge, Daniel W., assignor.)
- Newbold, R. S., & Son Company. (See Long, Arthur H., assignor.)
- Newbound, Reginald. (See Warren, H. W. H., Newbound, and Ward.)
- New Brighton Novelties, Incorporated. (See Reader, Robert W., assignor.)
- New Britain-Gridley Machine Company, The. (See Brown, Robert S., assignor.)
- New Britain Machine Company, The. (See Costello, William F., assignor.)
- New Brunswick Electric Supply Company. (See Mangin, James, assignor.)
- Newby, Neal D., Woodbridge, N. J., and D. L. Moody, Hempstead, N. Y., assignors to American Telephone and Telegraph Company. Transmission control in signaling systems. 1,927,133; Sept. 19.
- Newcomb-David Co. (See Ludwig, John E., assignor.)
- Newcomb, Edward C., North Scituate, Mass. Crank shaft balancing. 1,898,459; Feb. 21.
- Newcomb, Edward C., North Scituate, Mass. Two-cycle engine. 1,898,460; Feb. 21.
- Newcomb, Edward C., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,898,888; Feb. 21.
- Newcomb, Edward R., assignor to The Carborundum Company, Niagara Falls, N. Y. Apparatus for drying freshly printed webs. 1,941,362; Dec. 26.
- Newcomb, Wallace K., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 1,922,707; Aug. 15.
- Newcombe, Harold J. (See Besenberg, P. E., and Newcombe.)
- Newcomer, Harry S., New York, N. Y. Prism anamorphoser. 1,898,787; Feb. 21.
- Newcomer, Harry S., New York, N. Y. Anamorphosing prism objective. 1,931,992; Oct. 24.
- Newcomer, Harry S., New York, N. Y. Photographic objective. 1,932,082; Oct. 24.
- Newcomer, Paul A., and R. D. Van Hove, Burbank, Calif. Tube cream dispenser. 1,930,821; Oct. 17.
- New Departure Manufacturing Company, The. (See Baninger, John H., assignor.)
- New Departure Manufacturing Company, The. (See Cobb, Leland D., assignor.)
- New Departure Manufacturing Company, The. (See Delaval-Crow, Thomas C., assignor.)
- New Departure Manufacturing Company, The. (See Hefernan, Frank A., assignor.)
- New Departure Manufacturing Company, The. (See Hughes, Frederick G., assignor.)
- New Departure Manufacturing Company. (See Large, Samuel R., assignor.)
- New Departure Manufacturing Company, The. (See Marchand, Eugene M., assignor.)
- New Departure Manufacturing Company, The. (See Stevens, Clarence C., assignor.)
- New Departure Manufacturing Company, The. (See Vuilleumier, Albert, assignor.)
- New Departure Manufacturing Company, The. (See Weldon, Chichester P., assignor.)
- Newell, Ella S., et al., executor. (See Newell, Emerson R.)
- Newell, Emerson R., deceased, Greenwich, Conn., R. S. Baldwin and E. S. Newell, executors, assignors to Sloane-Blabon Corporation. Inlaid linoleum and process. 1,932,419; Oct. 31.
- Newell, Floyd B. (See Foote, E. B., and Newell.)
- Newell, Floyd B., assignor to Taylor Instrument Companies, Rochester, N. Y. Aneroid barometer. 1,897,325; Feb. 14.
- Newell, Fred. (See Laing, W. L., and Newell.)
- Newell, George K., Level Green, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Muffler. 1,927,947; Set. 26.
- Newell, Harvey E., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dry-cleaning system. 1,937,093; Nov. 28.
- Newell Mfg. Co., The. (See Cuthbert, Lawrence F., assignor.)
- Newell, Percy H. (See Ainscow, Joseph W. H., assignor.)
- Newell, Ralph O., Brunswick, Nebr. Corn planter. 1,898,847; Feb. 21.
- New England Butt Company. (See Littlefield, Arlon, assignor.)
- New England Lace Mills, Inc. (See Springthorpe, Alec, assignor.)
- New England Lime Company. (See Loomis, C. C., and MacDonald, assignors.)
- New England Lime Co. (See Stump, Horace E., assignor.)
- New England Mica Co. (See Cooper, Henry W., assignor.)
- New England Pressed Steel Company. (See Somersall, William W., assignor.)
- New England Road Machinery Company. (See Bonnaffe, Oliver W., assignor.)
- New Era Manufacturing Company. (See Paulsen, Christian, assignor.)
- Newhall, Henry B., Corporation. (See Hescocock, Ethan N., assignor.)
- Newhall, Henry B., Corporation. (See Karitzky, John, assignor.)
- Newhart, Harry D., San Anselmo, assignor of one-half to Luke E. Robinson, Ross, Calif. Disk brake. 1,928,866; Oct. 3.
- New Haven Clock Company, The. (See Chamberlain, Albert H. and T. H., assignors.)
- New Haven Clock Company, The. (See Chamberlain, Thomas H., assignor.)
- New Haven Clock Company, The. (See Porter, Wilson E., assignor.)
- New Haven Clock Co. (See Whitehead, R. H., Miner, and Burnes, assignors.)
- New Haven Clock Co., The. (See Whitehead, R. H., and Porter, assignors.)
- Newhouse, Ray C. (See Becker, G. D., and Newhouse.)
- Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Packing. 1,901,766; Mar. 14.
- Newhouse, Ray C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary cooler. 1,902,517; Mar. 21.
- Newhouse, Walter F., Benton Harbor, Mich. Basket handle machine. 1,898,205; Feb. 21.
- Newhouse, Walter F., Benton Harbor, Mich. Feed belt guide construction. 1,900,657; Mar. 7.
- Newhouse, Walter F., Benton Harbor, Mich. Machine for making and inserting wire fasteners for basket covers. 1,904,384; Apr. 18.
- Newhouse, Walter F., Benton Harbor, Mich. Bushel basket machine. 1,907,362; May 2.
- Newhouse, Walter F., Benton Harbor, Mich. Bushel basket machine. 1,911,710; May 30.
- Newhouse, Walter F., Benton Harbor, Mich. Basket or box corner reinforcement. 1,916,580; July 4.
- Newhouse, Walter F., Benton Harbor, Mich. Container bottom or end wall structure. 1,926,784; Sept. 12.
- Newhouse, Walter F., Benton Harbor, Mich. Basket construction. 1,926,785; Sept. 12.
- Newhouse, Walter F., Benton Harbor, Mich. Barrel stave setting-up machine. 1,928,113; Sept. 26.
- Newhouse, Walter F., Benton Harbor, Mich. Wirebound box or crate. 1,928,133; Sept. 26.
- Newhouse, Walter F., Benton Harbor, Mich. Wire bound box or crate blank machine. 1,928,134; Sept. 26.
- Newhouse, Walter F., Benton Harbor, Mich. Barrel crimping machine. 1,930,822; Oct. 17.
- New Idea Spreader Co., The. (See Oppenheim, Theodore H., assignor.)
- New Idea Spreader Company, The. (See Synck, Henry, assignor.)
- Newill, Edward B., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,922,899; Aug. 15.
- New Jersey Zinc Company, The. (See Bunce, Earl H., assignor.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Ashman, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Ginder, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Haslam, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Lents, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., Lentz, and Mahler, assignors.)
- New Jersey Zinc Company, The. (See Bunce, E. H., and Mahler, assignors.)
- New Jersey Zinc Company, The. (See Handwerk, E. C., and Mahler, assignors.)
- New Jersey Zinc Company, The. (See Handwerk, W. A., and Reiser, assignors.)
- New Jersey Zinc Company, The. (See Hooey, William C., assignors.)
- New Jersey Zinc Company, The. (See Meler, Albert J., assignor.)
- New Jersey Zinc Company, The. (See Stutz, G. F. A., and Depew, assignors.)
- Newkirk, Burt L. (See Grobel, L. P., and Newkirk.)
- Newkirk, John M., Mount Healthy, assignor to Willard Storage Battery Company, Cleveland, Ohio. Hydrometer syringe with lamp attachment. 1,896,553; Feb. 7.
- Newkirk, William B. (See Copland, C. J., and Newkirk.)
- Newland, Jay R., Kalamazoo, and E. T. Lundeen, Mattawan, Mich., assignors to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 1,929,389; Oct. 3.
- Newman, Charles, Elizabeth, N. J. Razor-blade-honing device. 1,936,605; Nov. 28.
- Newman, Charles, New York, N. Y., and E. G. Appleton, Chicago, Ill., assignors, by mesne assignments, to Roach Appleton Manufacturing Company, South Bend, Ind. Outlet receptacle. 1,928,761; Oct. 3.
- Newman, David F., Freeport, assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Projection system. 1,907,558; May 9.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 1,896,849; Feb. 7.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator condenser. 1,931,154; Oct. 17.

- Newman, Frank, Bronx, N. Y. Illuminating apparatus. 1,918,123; July 11.
- Newman, James M. (See Elkins, Arthur B., assignor.)
- Newman, John W., London, England. Sign and the like. 1,894,240; Jan. 10.
- Newman, Louis, New York, N. Y. Hinge. 1,893,592; Jan. 10.
- Newman, Morris, Kingston, N. Y. Automobile radiator. 1,914,453; June 20.
- Newman, Ray W., Wagner, S. Dak. Inkstand. 1,903,061; Mar. 28.
- Newman, Richard L., Crosbyton, Tex. Windmill. 1,909,216; May 16.
- Newman, Samuel F., assignor to Landis Machine Company, Waynesboro, Pa. Collapsible tap. 1,912,298; May 30.
- Newman, Samuel F., and J. G. Harper, assignors to Landis Machine Company, Waynesboro, Pa. Chaser. 1,906,176; Apr. 25.
- Newman, Samuel F., and C. A. Reimschuessel, assignors to Landis Machine Company, Waynesboro, Pa. Chaser. 1,935,297; Nov. 14.
- Newman, Thomas, Drayton Plains, Mich. Fuse plug. 1,916,127; June 27.
- Newman, Thomas J., Canton, Ohio. Electric switch. 1,931,827; Oct. 24.
- Newman, Thomas F., Geneva, and E. W. Marchand, Maywood, assignors to Crane Co., Chicago, Ill. Stream regulator. 1,930,060; Oct. 10.
- Newman, William A., Montreal, Quebec, Canada, assignor to Universal Draft Gear Attachment Company, Chicago, Ill. Railway brake. 1,893,300; Jan. 3.
- Newman, William J., Chicago, Ill. Foundation construction. 1,907,654; May 9.
- Newman, William J., Chicago, Ill. Making a retaining wall. 1,909,980; May 23.
- Newman, William J., Chicago, Ill. Well drilling apparatus. 1,928,947; Oct. 8.
- Newman, William J., Company. (See Gault, John J., assignor.)
- Newman, William P., Bucyrus, Ohio. Stepladder. 1,924,213; Aug. 29.
- Newmann, John, Brooklyn, assignor to C. G. Hensley, receiver, New York, N. Y. Radial motor. 1,917,772; July 11.
- Newmark, H. J., et al. (See Kryzanowsky, Constant J., assignor.)
- Newmark, Morris, New York, N. Y. Lubricating device. 1,900,021; Mar. 7.
- New Martinsville Glass Mfg. Co., The. (See Clarke, Ira M., assignor.)
- Newnham, James E., et al. (See Earnest, George J., assignor.)
- New Photomaton, Inc., The. (See Helms, Waters L., assignor.)
- Newport Industries, Inc. (See Alexander, Joseph P., assignor.)
- Newport Industries, Inc. (See Gubelmann, I., and Henke, assignors.)
- Newport Industries, Inc. (See Henke, Clyde O., assignor.)
- Newport Industries, Inc. (See Palmer, R. C., Burda, and Oliver, assignors.)
- Newport Industries, Inc. (See Palmer, R. C., and Powers, assignors.)
- Newport News Shipbuilding and Dry Dock Company. (See Dickinson, Joseph R., assignor.)
- Newport News Shipbuilding and Dry Dock Company. (See Grant, William F., assignor.)
- Newport News Shipbuilding and Dry Dock Company. (See Terry, Roger V., assignor.)
- New Process Casting Company, The. (See Homand, Leo H., assignor.)
- New Products Corporation. (See Banker, Oscar H., assignor.)
- New Products Corporation. (See Stucatur, Matthew, assignor.)
- Newschaffer, Rudolph, and G. Demori, Jackson Heights, N. Y. Combination timer and distributor mechanism for ignition systems. 1,931,506; Oct. 24.
- Newsom, James B., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,897,069; Feb. 14.
- Newsom, John B., Bloomington, Ind. Cutting blocks of stone. 1,919,800; July 25.
- Newsom, John B., Bloomington, Ind. Machine for making building blocks. 1,919,801; July 25.
- Newsome, John, Savannah, Ga. Bottle cleansing and washing machine. 1,910,931; May 23.
- Newton, Sidney C. (See Bersey, F. T., Hardy, and Newton.)
- Newspaper Stuffing Machine Company, The. (See Halvorsen, Severin, assignor.)
- News Projection Corporation. (See Eitzen, August D., assignor.)
- News Projection Corporation (See Morny, Frederic A., assignor.)
- Newton, Burkett D., Los Angeles, Calif., assignor to Magnetic Signal Co. Out-of-order signal. 1,901,404; Mar. 14.
- Newton, Burkett D., South Pasadena, assignor to Magnetic Signal Company, Los Angeles, Calif. Crossing signal. 1,935,098; Nov. 14.
- Newton, Carl D. (See Long, Millard E., assignor.)
- Newton, Charles A., et al. (See Smith, Ralph J., assignor.)
- Newton, Earle R. (See Curtis, Charles G., and Newton.)
- Newton, Edward A., Sevenoaks, Kent, England. Stabilizer for vehicles. 1,939,610; Dec. 12.
- Newton, Edward G., Pittsfield, Mass., assignor to General Electric Company. Fuse cut-out and the like. 1,934,442; Nov. 7.
- Newton, Edwin B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Dispersing rubber in water. 1,899,243; Feb. 28.
- Newton, Edwin B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing rubber. 1,906,402; May 2.
- Newton, Edwin B., assignor to American Anode, Inc., Akron, Ohio. Making articles from rubber dispersions. 1,924,214; Aug. 29.
- Newton, Edwin B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Glove lining form. 1,931,324; Oct. 17.
- Newton, Edwin H., assignor to National Paper Box Co., Kansas City, Mo. Berry or fruit basket or box. 1,905,119; Apr. 25.
- Newton, Frank E. (See Crosby, R. S., and Newton.)
- Newton, Frank E., Hartford, Conn. Machine for shaving and slotting screws. 1,901,405; Mar. 14.
- Newton, Frank E., Hartford, Conn. Locking together metal sheets. 1,926,686; Sept. 12.
- Newton, Geoffrey. (See Smith, C. P., and Newton.)
- Newton, George F. (See Newton, John D., assignor.)
- Newton, Harold M., Clayton, Mo., assignor to Midland Creosoting Company, Toledo, Ohio. Flooring. 1,902,716; Mar. 21.
- Newton, Herbert B., and T. C., Brookline, assignors to Auto Sickle Company, Boston Mass. Lawn mower. 1,918,349; July 18.
- Newton Junior Corporation. (See Newton, William G., assignor.)
- Newton, Paul J. (See York, M. D., and Newton.)
- Newton, Ralph L., Kansas City, Mo. Vehicle propelling mechanism. 1,930,823; Oct. 17.
- Newton, Robert C., Needham Heights, assignor to Guaranteed Parts, Inc., Allston, Mass. Electric feeler mechanism for looms. 1,926,167; Sept. 12.
- Newton, Robert S., Watertown, N. Y., assignor to The New York Air Brake Company. Multiple-way valve. 1,921,092; Aug. 8.
- Newton, Roy C. (See Bollens, W. F., and Newton.)
- Newton, Roy C., and D. P. Grette, assignors to Swift and Company, Chicago, Ill. Antioxidant for fats and oils. 1,903,126; Mar. 28.
- Newton Sales Company Limited. (See Pavitt, Edwin G., assignor.)
- Newton Steel Company, The. (See Fenton, Ray M., assignor.)
- Newton, Thomas, assignor to Ayers Limited, Lachute Mills, Quebec, Canada. Rope making machine. 1,907,118; May 2.
- Newton, Thomas C. (See Newton, Herbert B. and T. C.)
- Newton, William G., Hamden, assignor to Newton Junior Corporation, New Haven, Conn. Casting apparatus. 1,931,769; Oct. 24.
- New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
- New York Air Brake Company, The. (See Newton, Robert S., assignor.)
- New York Belting and Packing Company. (See Curtiss, Nathaniel H., assignor.)
- New York Belting & Packing Company. (See Rice, Harold D., assignor.)
- New York Engineering Company. (See Lowy, Arthur, assignor.)
- New York Eskimo Pie Corporation. (See Cobb, Robert T., assignor.)
- New York French Range Company. (See Corbishley, Charles H., assignor.)
- New York Hamburger Gummi Waaren Comp. (See Beckmann, W., Deseniss, and Nielsen, assignors.)
- New York Merchandise Co. Inc. (See Elsner, Andreas, assignor.)
- New York Merchandise Co. Inc. (See Shaw, Milton M., assignor.)
- New York Mills Corporation. (See Bennett, Frederick O., assignor.)
- New York Pie Baking Co. (See Frost, George S., assignor.)
- New York Rubber Corporation. (See Anderson, Axel V., assignor.)
- New York Rubber Corporation. (See Holstein, William, assignor.)
- New York Stock Exchange. (See Jackson, Victor H., assignor.)
- New York Wire Cloth Company. (See Turner, Robert P., assignor.)
- New Yorker Hotel Corporation. (See Scavullo, Angelo C., assignor.)
- Ney, Eugene J., New York, N. Y. Window ventilator. 1,900,611; Mar. 7.
- Ney, J. M. Company, The. (See Spahn, Charles A., assignor.)
- Niacet Chemicals Corporation. (See Claflin, Alan A., assignor.)
- Niagara Blower Company. (See Bulkeley, Claude A., assignor.)
- Niagara Fold, Inc. (See Fleming, John S., assignor.)
- Niagara Machine and Tool Works. (See Lindgren, Bror J., assignor.)

- Niagara Machine & Tool Works. (See Munschauer, Frederick E., assignor.)
- Niagara Searchlight Company. (See Eaton, Richard M., assignor.)
- Niagara Searchlight Co. Inc. (See Eaton, Richard M., assignor.)
- Niagara Sprayer Company. (See Knapp, E., and Allgrunn, assignors.)
- Nibbs, Ernest. (See Spear, L. Y., Grieshaber, and Nibbs.)
- Nibler, Arthur E., Walla Walla, Wash. Hydraulic clutch mechanism. 1,938,111; Dec. 5.
- Nice, Edgar O., El Centro, Calif. Seed threshing machine. 1,914,784; June 20.
- Nicewander, Roy, and V. C. Peterson, Loda, Ill. Tractor wheel scraper. 1,933,679; Nov. 7.
- Nicham, William, New York, N. Y. Theft prevention device. 1,924,746; Aug. 29.
- Nicholas Engineering & Research Corporation. (See Fowler, Edward J., assignor.)
- Nicholas, Francis C., Baltimore, Md. Obtaining extracts from vegetable and animal material. 1,937,410; Nov. 28.
- Nicholas, Grant W. (See Boomershine, Adam, assignor.)
- Nicholes, B. L. & Company. (See Wilson, Louis, assignor.)
- Nicholides, Emmanuel C. (See Lieber, H., and Nicholides.)
- Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 1,916,279; July 4.
- Nicholls, Henry M., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 1,939,719; Dec. 19.
- Nicholls, Wm. H., Co. Inc. (See Nicholls, W. H., and Ziebarth, assignors.)
- Nicholls, William H., Old Westbury, and A. D. Ziebarth, Kew Gardens, assignors to Wm. H. Nicholls Co. Inc., Richmond Hills, N. Y. Molding machine. 1,910,354; May 23.
- Nichols, Charles A., Kansas City, Kans. Storm anchor tool. 1,910,039; May 23.
- Nichols, Charles A., assignor to Delco-Remy Corporation, Anderson, Ind. Casting machine. 1,925,496; Sept. 5.
- Nichols, Charles A., and A. W. Phelps, assignors to Delco-Remy Corporation, Anderson, Ind. Casting machine. 1,925,495; Sept. 5.
- Nichols, Charles R. (See Williston, S. H., and Nichols.)
- Nichols, Charles R., and S. H. Williston, Dallas, Tex. Electrical prospecting. 1,926,212; Sept. 12.
- Nichols Copper Company. (See Corwin, F. R., and Booton, assignors.)
- Nichols, Elmer L., Boston, assignor to R. W. Babson, Wellesley, Mass. Parking meter. 1,924,564; Aug. 29.
- Nichols, Erwin H., Brooks Field, Tex., assignor to Irving Air Chute Company. Parachute pack. 1,899,713; Feb. 28.
- Nichols, George B. (See Gardiner, N. E., and Nichols.)
- Nichols, George B., O. L. Flener, and H. D. Stevens, assignors to Firestone Tire & Rubber Company, Akron, Ohio. Festooning rack. 1,939,629; Dec. 12.
- Nichols, George B., Abbeville, Ala. Hauling device. 1,922,776; Aug. 15.
- Nichols, George G., and R. F. Russell, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Band splicing machine. 1,932,083; Oct. 24.
- Nichols, Harold W. (See Butterfield, Charles, assignor.)
- Nichols, Harold W., Cincinnati, Ohio. Making envelopes. 1,941,412; Dec. 26.
- Nichols, Herbert E., Santa Ana, Calif. Brake dust guard. 1,903,935; Apr. 18.
- Nichols, Horace E., Redford, assignor of one-third to C. H. Chase and one-third to H. A. Freund, Detroit, Mich. Constant speed mechanism. 1,903,832; Apr. 18.
- Nichols, James C., Elgin, Ill. Mounting for automobile heaters. 1,910,630; May 23.
- Nichols, James C., Chicago, Ill. Apparatus for making multiply board. 1,915,690; June 27.
- Nichols, John T., Pittsburgh, Pa., assignor to American Sheet and Tin Plate Company. Electrical furnace. 1,933,532; Oct. 31.
- Nichols, Katherine, and R. Bettien, Chicago, Ill.; said Bettien assignor to said Nichols. Telephone. 1,899,046; Feb. 28.
- Nichols, Leonard O. (See Elliott, C. E., and Nichols.)
- Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Treating objects. 1,902,575; Mar. 21.
- Nichols, Louis C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switch. 1,914,924; June 20.
- Nichols, Louis R., Weston, Mass. Heat insulating cement. 1,899,473; Feb. 28.
- Nichols, Marion F., assignor of one-half to Campbell Wallace, Knoxville, Tenn. Treating liquids. 1,900,995; Mar. 14.
- Nichols, Okey E., assignor, by mesne assignments, to Safety Manufacturing Company, Charleston, W. Va. Trolley wire guard support. 1,913,086; June 6.
- Nichols, Robert E., Jacksonville, Fla. Closure for collapsible tubes. 1,911,284; May 30.
- Nichols, Wilbur C., Beatrice, Nebr. Traffic controlling signal for schools and the like. 1,906,235; May 2.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 1,909,709; May 16.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 1,912,911; June 6.
- Nicholson, Frank H., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,924,215; Aug. 29.
- Nicholson, George E., assignor, by mesne assignments, to Refinery Supply Company, Tulsa, Okla. Dead weight gauge. 1,917,145; July 4.
- Nicholson, George E., assignor to Vending Machine Corporation of America, Tulsa, Okla. Vending machine. 1,940,603; Dec. 19.
- Nicholson, Kenneth C., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive materials. 1,910,444; May 23.
- Nicholson, Leslie G., St. Helena, Calif. Motor vehicle. 1,936,606; Nov. 28.
- Nicholson, Leslie G., St. Helena, Calif. Motor vehicle. 1,938,972; Dec. 12.
- Nicholson, Robert H., Los Angeles, Calif. Marking plate for keys and securing same. 1,892,995; Jan. 3.
- Nicholson, Robert H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 1,922,257; Aug. 15.
- Nicholson, Robert H., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,936,095; Nov. 21.
- Nicholson, Stanley W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 1,903,358; Apr. 4.
- Nicholson, Stanley W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 1,916,865; July 4.
- Nicholson, Stanley W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 1,925,401; Sept. 5.
- Nicholson, Stanley W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 1,937,662; Dec. 5.
- Nicholson, Stanley W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Window regulator. 1,937,906; Dec. 5.
- Nicholson, William J. B. (See Glover, B. R., and Nicholson.)
- Nicholson, Willis H., Anacortes, Wash. Motor vehicle heater. 1,926,629; Sept. 12.
- Nichterlein, Paul, assignor to the Firm Carl Zeiss, Jena, Germany. Device for gauging bolt threads. 1,896,828; Feb. 7.
- Nickell, Lloyd F., East St. Louis, Ill., assignor, by mesne assignments, to Monsanto Chemical Company. Producing salts in globular form. 1,923,877; Aug. 22.
- Nickell, Lloyd F., East St. Louis, Ill., assignor, by mesne assignments, to Monsanto Chemical Company. Catalytic body and making the same. 1,933,067; Oct. 31.
- Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 1,922,600; Aug. 15.
- Nickerson, Archer M., jr. (See Dawson, G. H., Dunn, and Nickerson.)
- Nickerson, Dorothy, Washington, D. C. Apparatus for measuring color. 1,924,747; Aug. 29.
- Nickerson, Gertrude, Milford, Conn., assignor to Kops Brothers, Inc., New York, N. Y. Garment. 1,899,769; Feb. 28.
- Nickerson, Gertrude L., Milford, assignor to The LaResista Corset Company, Bridgeport, Conn. Corset. 1,923,112; Aug. 22.
- Nickerson, Henry E. (See Hall, G. W., and Nickerson.)
- Nickerson, Neal C., Carlton, Minn. Excavator. 1,933,924; Nov. 7.
- Nickerson, Stacy M., Newton Center, Mass. Arch support for footwear. 1,907,995; May 9.
- Nickerson, Stacy M., Newton Center, Mass. Arch support for footwear. 1,907,997; May 9.
- Nickerson, William E., assignor to Gillette Safety Razor Company, Boston, Mass. Sharpening machine. 1,909,883; May 16.
- Nickerson, William E., assignor to Gillette Safety Razor Company, Boston, Mass. Sharpening machine for curved blades. 1,909,884; May 16.
- Nickerson, William H., Newton, Mass. Motion picture camera. 1,910,034; May 23.
- Nickerson, William H., Newton, Mass. Film-feeding mechanism for motion-picture projectors. 1,935,058; Nov. 14.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Electrical control and regulating circuit. 1,907,559; May 9.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Electrical instrument. 1,920,764; Aug. 1.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Voltage compensated starting relay for split phase motors. 1,921,204; Aug. 8.
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Softening cobalt alloy steel. 1,936,406; Nov. 21.
- Nickliss, Stephen N., Laureldale, assignor of one-half to Temple Slag Company, Temple, Pa. Crowding and racking in mechanism for excavator cranes. 1,899,901; Feb. 28.
- Nicodemo, Felix, New York, N. Y. Alloy, making the same and articles made therefrom. 1,934,875; Nov. 14.

- Nicodemus, Otto, and W. Schmidt, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separating primary from secondary aliphatic amines. 1,898,461; Feb. 21.
- Nicodemus, Otto, and W. Schmidt, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing aminoalkylsulphonic acids. 1,932,907; Oct. 31.
- Nicol, John, assignor to Continental-Divco Company, Detroit, Mich. House-to-house delivery vehicle body. Des. 89,574; Apr. 4.
- Nicolai, Charles A., and E. Lindegaard, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Machine for feeding coiled sections. 1,905,046; Apr. 25.
- Nicolai, Fritz. (See Muench, E., and Nicolai.)
- Nicolai, Fritz, et al. (See Muench, E., Nicolai, Fick, and Reppe.)
- Nicolas, Paul, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Volume control. 1,912,719; June 6.
- Nicolau y Grifñó, Jose M. (See Nicolau y Grifñó, Tomas and J. M.)
- Nicolau y Grifñó, Tomas and J. M., Barcelona, Spain. Apparatus for projecting animated pictures on a screen. 1,929,815; Oct. 10.
- Nicolay, William H., Brooklyn, N. Y. Truck body. 1,914,281; June 13.
- Nicolet, Constant E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Magnetic separator. 1,897,763; Feb. 14.
- Nicolet, Constant E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Magnetic separator. 1,933,995; Nov. 7.
- Nicoll, B., & Company. (See Howard, William S., assignor.)
- Nicolich, Joseph, San Jose, Calif. Stand. 1,937,066; Nov. 28.
- Nicoll, William D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of high alpha cellulose pulp. 1,931,933; Oct. 24.
- Nicols, Andrew C., and M. C. Moore, Girard, Ohio. Safety device. 1,906,081; Apr. 25.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. High frequency phonograph apparatus. 1,906,214; Apr. 25.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Projection system. 1,906,215; Apr. 25.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Sound reproducing device. 1,908,172; May 9.
- Nicolson, Alexander M., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Stress measuring. 1,912,213; May 30.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Arc scanning facsimile system. 1,918,124; July 11.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Continuous facsimile transmission system. 1,925,814; Sept. 5.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Flexible inclosure construction. 1,925,815; Sept. 5.
- Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezo-electric apparatus. 1,930,905; Oct. 17.
- Nicolson, Alexander M., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Sound-producing system. 1,931,235; Oct. 17.
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Sound reproduction and distribution. 1,931,236; Oct. 17.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Arc screen protection system. 1,893,504; Jan. 10.
- Nicolson, Alexander McL., assignor to Communication Patents, Inc., New York, N. Y. Color television. 1,901,116; Mar. 14.
- Nicosia, Vincent N., Houston, Tex. Hair waving or curling rod. 1,900,126; Mar. 7.
- Nicalumin Company, The. (See Hybinette, Noak V., assignor.)
- Niedecken, Edward F., Milwaukee, Wis. Shower stall. 1,900,658; Mar. 7.
- Niedergessass, Berthold F. (See Hooper, I. F., Niedergessass, and Devers.)
- Niederhauser, Charles H., Palo Alto, Calif. Activity-analysis and recording device. 1,923,793; Aug. 22.
- Niederstadt, Elmer W., Milwaukee, Wis. Vending machine for newspapers. 1,938,753; Dec. 12.
- Niedringhaus, Inc. (See Wochler, Henry G., assignor.)
- Nielsen, Andreas. (See Beckmann, W., Deseniss, and Nielsen.)
- Nielsen, Christian F., Reykjavik, Iceland. Brush for putting on toothpaste, cream, and the like. 1,940,180; Dec. 19.
- Nielsen, Edward J. W., Bowen, Queensland, Australia. Spring shackle. 1,936,258; Nov. 21.
- Nielsen, Emanuel, assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Electric motor. 1,909,497; May 16.
- Nielsen, Emanuel, assignor to Hamilton Beach Manufacturing Company, Racine, Wis. Fruit juice extractor. 1,911,202; May 30.
- Nielsen, Erik R., assignor to C. H. Joy, jr., Chicago, Ill. Aldehyde proteid composition. 1,938,927; Dec. 12.
- Nielsen, Harald, Bromley, assignor to Sensible Heat Distillation Limited, York Mansion, Westminster, England. Apparatus for the distillation of solid carbonizable fuel. 1,908,651; May 9.
- Nielsen, Herman C., Howard City, assignor to National Wood Products Company, Detroit, Mich. Treating wood for interiors. 1,939,186; Dec. 12.
- Nielsen, Heinrich V., West Wharf, Cardiff, South Wales, assignor to The Hygienic Manufactures and Supplies Company Limited, London County, England. Machine for filling bottles and other vessels. 1,904,924; Apr. 18.
- Nielsen, Iver B., assignor to The Aero Equipment Corporation, Bryan, Ohio. Grease dispensing device. 1,911,642; May 30.
- Nielsen, Iver B., assignor to The Aero Equipment Corporation, Bryan, Ohio. Combination low and high pressure grease gun. 1,926,398; Sept. 12.
- Nielsen, Iver B., assignor to The Aero Equipment Corporation, Bryan, Ohio. Lubricant reservoir and follower construction. 1,926,399; Sept. 12.
- Nielsen, Jens P. (See Richer, Joseph R., assignor.)
- Nielsen, Joseph N., New York, N. Y. Wall outlet and fitting. 1,903,833; Apr. 18.
- Nielsen, Joseph N., New York, N. Y. Paper clip. 1,914,816; June 20.
- Nielsen, Leonard, Westerleigh, N. Y. Light reflector. 1,928,678; Oct. 3.
- Nielsen, Peter C., Pocatello, Idaho. Garbage can and holder therefor. 1,906,082; Apr. 25.
- Nielsen, Viggo, Balwyn, Melbourne, Australia. Apparatus for watering or spraying gardens and the like. 1,919,703; July 25.
- Nielson, Lester C. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier.)
- Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Driving mechanism. 1,915,439; June 27.
- Nieman, John F., Stamford, Conn. Building partition or wall. 1,909,417; May 16.
- Niemann, Karl. (See Zeyss, W., and Niemann.)
- Niemann, Karl, Berlin-Siemensstadt assignor to the firm Siemens-Reiniger-Verfa. Gesellschaft fur medizinische Technik m. b. H., Berlin, Germany. Current measuring system. 1,933,118; Oct. 31.
- Niemi, Matti, Seattle, Wash. Hoisting block. 1,900,194; Mar. 7.
- Niemi, Matti, Seattle, Wash. Hoisting block. 1,907,436; May 9.
- Niemeyer, Ludwig, Oese, Germany. Potato-harvesting machine. 1,937,159; Nov. 28.
- Nienhold, Johannes, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Glow discharge rectifier with hollow cathodes. 1,920,660; Aug. 1.
- Nier & Ebmer. (See Hansen, Friedrich C. H., assignor.)
- Nies, Frederick H., Brooklyn, N. Y. Amalgam mixer or the like. 1,898,094; Feb. 21.
- Niesemann, Fritz. (See MacLean, A. D., and Niesemann.)
- Nietsche, Hans E., Detroit, Mich. Power transmission apparatus. 1,896,462; Feb. 7.
- Nieuwland, Julius A. (See Calcott, W. S., Nieuwland, and Downing.)
- Nieuwland, Julius A., Notre Dame, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Use of fluoboric and fluosilicic acid in acetylene reactions. 1,907,560; May 9.
- Nieuwland, Julius A., Notre Dame, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing vinyl derivatives of acetylene. 1,926,056; Sept. 12.
- Nieuwland, Julius A., Notre Dame, and R. R. Vogt, South Bend, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalyst and employing same. 1,926,055; Sept. 12.
- Nizeradse, Vladimir, Mexico, Mexico. Assignor of one-fourth to Alma B. Furness, Chicago, Ill. Hand grenade. 1,897,709; Feb. 14.
- Nizeradse, Vladimir, assignor of one-half to J. M. Thomas, Paris, France. Automatic recording telephone. 1,934,735; Nov. 14.
- Nightingall, Victor C. J., Heidelberg, near Melbourne, Victoria, Australia. Recovery of precious metals such as gold, platinum, and the like from ore bodies. 1,922,975; Aug. 15.
- Nigro, Michel, assignor to Sleeper & Hartley, Inc., Worcester, Mass. Spring coiling machine. 1,897,835; Feb. 14.
- Nigro, Michel, assignor to Sleeper & Hartley, Inc., Worcester, Mass. Wire straightening device. 1,914,975; June 20.
- Nigro, Michel, and P. S. Thomas, assignors to Sleeper & Hartley, Inc., Worcester, Mass. Machine for coiling helical forms. 1,914,976; June 20.
- Nigro, Michel, assignor to Sleeper & Hartley, Inc., Worcester, Mass. Flexible metallic tube. 1,941,151; Dec. 26.
- Nihon Sekinju Kabushiki Kaisha. (See Mizuta, M., and Yoshimura, assignors.)
- Niiveldt, Albert, Lismore, Minn. Brooder house. 1,911,921; May 30.
- Nikaido, Yasujiro, Bay City, Mich. Production of carbon of high activity and covering power. 1,903,705; Apr. 11.

- Nikitin, Alexander A. (See McGavack, J., and Nikitin.)
 Nikitin, Alexander A., Passaic, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Method of treating latex and product produced thereby. 1,931,673; Oct. 24.
- Niklason, Clarence R., Cherrydale, Va. Mold for shaping confections. 1,928,391; Sept. 26.
- Nil, Edward A., assignor, by mesne assignments, to P. E. Selby, Inc., Cleveland, Ohio. Lubricating composition. 1,937,462; Nov. 28.
- Nil, Edward A., assignor, by mesne assignments, to P. E. Selby, Inc., Cleveland, Ohio. Lubricating composition and making same. 1,937,463; Nov. 28.
- Nilsen, Harold C., Chicago, Ill. Legging protector. 1,922,172; Aug. 15.
- Nilsson, Axel L. (See Halborg, C. J., and Nilsson.)
 Nilsson, Edward G., Brooklyn, N. Y. Combination safety fuse puller and hand tool. 1,927,528; Sept. 19.
- Nilsson, Fritz A., Jonkoping, Sweden. Gear casing. 1,909,626; May 16.
- Nilsson, Oscar F., and J. Bachrach, assignors to L. E. Waterman Company, New York, N. Y. Inkstand. 1,902,091; Mar. 21.
- Nilsson, Robert W., assignor to The Mather Spring Company, Toledo, Ohio. Spring construction. 1,900,841; Mar. 7.
- Nima, Herbert E. (See Desnoyers, E. G., and Nims.)
 Nimmo, Walter R. (See Brownson, H. W., Nimmo, and Pollitt.)
- Ninegar, Charles H., Bayard, Nebr. Polariscope tube. 1,907,363; May 2.
- Nineteen Hundred Corporation. (See Behan, Thomas W., assignor.)
 Nineteen Hundred Corporation. (See Cole, Clifford E., assignor.)
 Nineteen Hundred Corporation. (See Dreyfuss, Henry, assignor.)
- Niogret, Henri F., Lyon, France, assignor, by mesne assignments, to Du Pont Rayon Company, New York, N. Y. Ring spinning device for spinning continuously-fed textile fibres. 1,898,206; Feb. 21.
- Niogret, Henri F., Lyon, France, assignor to Du Pont Rayon Company, New York, N. Y. Treating artificial silk. 1,921,426; Aug. 8.
- Nirdlinger, Clarence D. (See Nirdlinger, Patrick A. and C. D., and Miller.)
 Nirdlinger, Patrick A. and C. D., and E. M. Miller, Chicago, Ill., assignors, by mesne assignments, to Operay Laboratories, Inc., Madison, Wis. Universal joint and supporting structure for illuminating devices. 1,901,527; Mar. 14.
- Nissley, Jacob H. (See Horn, R. W. P., and Nissley.)
 Nistri, Umberto, Rome, Italy. Photogrammetric apparatus. 1,916,487; July 4.
- Nistri, Umberto, Rome, Italy. Wind-driven photo machine gun. 1,940,434; Dec. 19.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Bottle. Des. 91,080; Nov. 21.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Rectal anæsthetic. 1,915,945; June 27.
- Nitardy, Ferdinand W., assignor to E. R. Squibb & Sons, Brooklyn, N. Y. Purifying ether. 1,935,658; Nov. 21.
- Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Rectal anæsthetic and analgesic. 1,941,220; Dec. 26.
- Nitardy, Ferdinand W., Brooklyn, F. F. Berg, Floral Park, and P. Georgi, Freeport, assignors to E. R. Squibb & Sons, Brooklyn, N. Y. Preparation of agar-petrolatum compositions. 1,913,561; June 13.
- Nitardy, Ferdinand W., Brooklyn, N. Y., and J. J. Enright and V. S. Wrenn, Pittsburgh, Pa., assignors to E. R. Squibb & Sons, New York, N. Y. Longevous cultures of aciduric bacteria. 1,918,042; July 11.
- Nitardy, Ferdinand W., Brooklyn, N. Y., and J. J. Enright and V. S. Wrenn, Pittsburgh, Pa., assignors to E. R. Squibb & Sons, New York, N. Y. Longevous cultures of aciduric bacteria. 1,918,052; July 11.
- Nitardy, Ferdinand W., Brooklyn, N. Y., J. J. Enright and V. S. Wrenn, Pittsburgh, Pa., assignors to E. R. Squibb & Sons, New York, N. Y. Longevous cultures of aciduric bacteria. 1,918,053; July 11.
- Nitralloy Corporation, The. (See Aubert, Pierre F. M., and A. J. P. and H. A. M. Duval, assignors.)
 Nitralloy Corporation. (See Houdremont, Edouard, assignor.)
- Nitracistron Corporation, The. (See Babinet, Marie L. A., assignor.)
 Nitrogen Engineering Corporation. (See Richardson, Ralph S., assignor.)
- Niven, Archie M., assignor to Continental Motors Corporation, Detroit, Mich. Sleeve valve engine. 1,896,094; Feb. 7.
- Niven, Archie M., Detroit, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,896,095; Feb. 7.
- Niven, Archie M., Detroit, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,930,533; Oct. 17.
- Niven, Archie M., Detroit, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Internal combustion engine. 1,931,993; Oct. 24.
- Niven, Archie M., assignor to Continental Motors Corporation, Detroit, Mich. Sleeve valve engine. 1,937,123; Nov. 28.
- Niven, Archie M., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,937,124; Nov. 28.
- Niven, Archie M., Glasgow, Scotland, assignor, by mesne assignments, to Continental Motors Corporation, Detroit, Mich. Valve gear of internal-combustion engines. 1,925,906; Sept. 5.
- Nivois, Victor. (See Ross, William H., assignor.)
 Nixdorff, Samuel P. (See Alexanderson, E. F. W., Alger, and Nixdorff.)
 Nixdorff, Samuel P., Schenectady, N. Y., assignor to General Electric Company. Radio system. 1,913,209; June 6.
- Nixdorff, Samuel P., and E. F. W. Alexanderson, Schenectady, N. Y., assignors to General Electric Company. Regenerative electric regulator. 1,917,146; July 4.
- Nixon, Jeddy D., Houston, Tex. Drill. 1,902,885; Mar. 28.
- Nixon, Moses C., and A. F. Kaptuller, Chicago, Ill.; said Kaptuller assignor to said Nixon. Bed or attachment therefor. 1,908,530; May 9.
- Nixon Nitration Works. (See Carroll, Cecil J., assignor.)
 Nixon Nitration Works. (See Harding, John M., assignor.)
 Nixon Nitration Works. (See Hooton, Joseph H., assignor.)
 Nixon Nitration Works. (See Murray, George H., assignor.)
- Nixon, Thomas H. (See Barnes, G. M., and Nixon.)
 Nixon, Thomas M., assignor to Celluloids Limited, Victoria, British Columbia, Canada. Celluloid embossing process. 1,924,800; Aug. 29.
- Nixon Vending and Change Making Machines, Inc. (See Larsen, Louis H., assignor.)
- Noack, Walter G., assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Steam generator. 1,927,649; Sept. 19.
- Noack, Walter G., Baden, Switzerland, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Explosion gas turbine. 1,933,385; Oct. 31.
- Noack, Walter G., assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Pressureproof combustion chamber. 1,935,659; Nov. 21.
- Nobbs, George H., Watertown, Mass. Lawn mower. 1,894,053; Jan. 10.
- Nobel Company of America. (See Krein, Andrew J., assignor.)
 Noble, Alphonso. (See Bristol, C. W., and Noble.)
 Noble, Aubrey E. (See Beck, L. L., and Noble.)
 Noble, Bert, San Diego, assignor to Roads Construction Company, Ltd., Los Angeles, Calif. Conducting hopper for concrete aggregate. 1,925,541; Sept. 5.
- Noble, Bert and R. J., assignors to Roads Construction Company, Ltd., Los Angeles, Calif. Automatic concrete aggregate proportioning apparatus. 1,897,490; Feb. 14.
- Noble, Burton A. (See Henry, K. M., and Noble.)
 Noble & Cooley Co. (See Hiers, Ralph H., assignor.)
 Noble, F. H., & Co. (See Aanerud, Louis, assignor.)
 Noble, F. H., & Co. (See Dyer, Harvey E., assignor.)
 Noble, F. H., & Co. (See Shields, John M., assignor.)
 Noble, Frank J., St. Kilda, Victoria, Australia. Machine for forming adhesive paper strips. 1,911,237; May 30.
- Noble, Guy G., Tulare, and O. P. Quizley, Los Angeles, Calif. Brick cleaning machine. 1,915,751; June 27.
- Noble, James A., assignor to Eastman Kodak Company, Rochester, N. Y. Camera bellows and making same. 1,908,531; May 9.
- Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. Des. 90,208; June 27.
- Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. Des. 90,209; June 27.
- Noble, Paul O., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for electric arc welding. 1,898,060; Feb. 21.
- Noble, Percy W., jr., et al. (See Kenyon, Charles F., assignor.)
- Noble, Reuben H., Selma, assignor of forty-five per cent to W. J. Jackson, Kingsburg, Calif. Reflection sign. 1,931,448; Oct. 17.
- Noble, Robert A., Cowlesville, N. Y. Windshield heater. 1,914,454; June 20.
- Noble, Robert E. (See Iversen, L., Noble, and Fisk.)
 Noble, Robert J. (See Noble, Bert and R. J.)
 Noble, Warren, Detroit, Mich. Supercharger casing. 1,894,054; Jan. 10.
- Noble, Warren, Detroit, Mich. Hydraulic valve gear. 1,903,328; Apr. 4.
- Noble, Warren, Detroit, Mich. Vehicle suspension. 1,919,033; July 18.
- Noble, Warren, assignor to Electromaster, Inc., Detroit, Mich. Thermostatic control. 1,909,592; May 16.
- Noble, Warren, assignor to Electromaster, Inc., Detroit, Mich. Heating element. 1,911,383; May 30.
- Noble, Warren, assignor to Electromaster, Inc., Detroit, Mich. Heater control. 1,928,907; Oct. 3.
- Noble, Warren, assignor to Electromaster, Inc., Detroit, Mich. Oven. 1,940,461; Dec. 19.
- Noble & Wood Machine Company, The. (See Coghill, James T., assignor.)
 Noble & Wood Machine Co., The. (See Tolman, Charles P., assignor.)

- Noblitt, Quintin G., Indianapolis, and E. C. Booth, Columbus, assignors to Noblitt-Sparks Industries, Inc., Indianapolis, Ind. Heater. 1,898,462; Feb. 21.
- Noblitt, Quintin G., Indianapolis, and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 1,931,736; Oct. 24.
- Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
- Noblitt-Sparks Industries, Inc. (See Hamilton, Bertis F., assignor.)
- Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., and Booth, assignors.)
- Nobst, Georg, Mittweida, assignor of one-half to E. Freytag, Zwickau, Saxony, and K. Laughhammer, Chemnitz, Germany. High speed circular knitting machine. 1,923,949; Aug. 22.
- Nobst, Georg, and E. Ulbricht, Mittweida, Germany, assignors to Scott & Williams Incorporated, New York, N. Y. Apparatus for knitting seamless stockings. 1,926,814; Sept. 12.
- Nobst, Georg, and E. Ulbricht, Mittweida, Germany, assignors, by mesne assignments, to Scott & Williams, Incorporated, New York, N. Y. Control mechanism for circular knitting machines. 1,929,075; Oct. 3.
- Noce, Nicholas A. (See Mackay, J. P., and Noce.)
- Nocero, James V., Jamestown, N. Y. Burglarproof depository for valuables. 1,922,557; Aug. 15.
- Nock, Cecil J., Brooklyn, N. Y. Reversing and stopping propeller mechanism. 1,923,995; Aug. 22.
- Nock, Cecil J., Brooklyn, N. Y. Boat propelling means. 1,937,907; Dec. 5.
- Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or article of analogous nature. Des. 90,259; July 4.
- Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Making and casting aluminum alloys. 1,912,382; June 6.
- Nock, Joseph A., Tarentum, and E. H. Dix, Jr., Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Working aluminum-magnesium alloy. 1,926,057; Sept. 12.
- Nocken, Theodor. (See Neelmeier, W., Nocken, and Friedrich.)
- Noddin, George A., Pompton Lakes, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting cap. 1,906,869; May 2.
- Nodine, Frederick A., Terryville, assignor to the Cooper Oven Thermometer Company, Plymouth, Conn. Side-wall thermometer. 1,897,814; Feb. 14.
- Noeggerath, Jacob E., Berlin, Germany. Electrode vessels for electrolytic apparatus. 1,896,718; Feb. 7.
- Noel, Albert, Barcelona, Spain. Device for applying sub-caliber barrels to revolvers of the solid-frame swing-out cylinder type. 1,898,566; Feb. 21.
- Noel, Philip J., Bowling Green, Ky. Holster securing device. 1,935,984; Nov. 21.
- Noel, Philip K., assignor to The Grant Manufacturing and Machine Co., Bridgeport, Conn. Rivet spinning machine. 1,935,983; Nov. 21.
- Noell, Elmer F., assignor to The Printing Machinery Company, Cincinnati, Ohio. Printer's registering device. 1,940,060; Dec. 19.
- Noelting, Clarence B. (See Noelting, William H., and C. B.)
- Noelting, Clarence B. and W. H., assignors to Faultless Caster Company, Evansville, Ind. Extensible offset caster construction. 1,899,394; Feb. 28.
- Noelting, Elmer H., assignor to Faultless Caster Company, Evansville, Ind. Bumper construction. 1,923,163; Aug. 22.
- Noelting, William H. (See Noelting, Clarence B. and W. H.)
- Noelting, William H. (See Ramsey, W. B., and Noelting.)
- Noelting, William H., assignor to Faultless Caster Company, Evansville, Ind. Cushion rocking slide. 1,898,309; Feb. 21.
- Noelting, William H., assignor to Faultless Caster Company, Evansville, Ind. Rocking stem slide. 1,899,395; Feb. 28.
- Noelting, William H., assignor to Faultless Caster Company, Evansville, Ind. Double ball lock caster. 1,930,622; Oct. 17.
- Noelting, William H., assignor to Faultless Caster Company, Evansville, Ind. Rocking slide. 1,932,249; Oct. 24.
- Noelting, William H., and C. B. Noelting, assignors to Faultless Caster Company, Evansville, Ind. Cushion expansion socket for casters. 1,927,271; Sept. 19.
- Noerr, Hermann. (See Teichmann, L., and Noerr.)
- Noerr, Hermann, Leverkusen-on-the-Rhine, G. Mauthe, Cologne-Holweide, and A. Doser, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tanning preparation. 1,908,916; May 16.
- Noetzli, Fred A., Los Angeles County, Calif. Dam. 1,898,095; Feb. 21.
- Noetzli, Fred A., Los Angeles County, Calif. Dam. 1,907,998; May 9.
- Noetzli, Fred A., Los Angeles County, Calif. Dam and constructing the same. 1,907,999; May 9.
- Nogosek, Stephen J., West Allis, Wis., assignor to Square D Company, Detroit, Mich. Motor control system. 1,919,525; July 25.
- Nogosek, Stephen J., West Allis, Wis., assignor to Square D Company, Detroit, Mich. Automatic system of motor control. 1,939,720; Dec. 19.
- Noguchi Kojyu, Yodobashi-Machi, Toyotama-Gun, assignor to Mitsubishi Zosen Kabushiki Kaisha, Tokyo, Japan. Manufacturing electric treating element. 1,910,041; May 23.
- Nohavec, Fred R. (See Garner, H. H., Nohavec, and Hopkins.)
- Noishiki, Yoshitoshi, Kojimachi Ku, Tokyo, Japan. Electric terminal. 1,894,598; Jan. 17.
- Nokes, Ernest S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for inserting fasteners. 1,932,420; Oct. 31.
- Nolan, Cecil J., assignor to H. J. Rees, Toronto, Ontario, Canada. Lift truck. 1,906,403; May 2.
- Nolan, Edmund, Detroit, Mich. Spark plug terminal. 1,922,601; Aug. 15.
- Nolan, Harold O. (See Mapson, L. W., MacCurdy, and Nolan.)
- Nolan, Harold O., New York, N. Y., assignor of one-third to Ellis-Foster Company, Montclair, N. J. Marine oil product and making same. 1,896,185; Feb. 7.
- Nolan, John R., New York, N. Y. Mechanism for feeding clothespins. 1,897,070; Feb. 14.
- Nolan, Nicholas J., assignor to Advance Stamping Company, Detroit, Mich. Roller bearing and making the same. 1,920,102; July 25.
- Noland, Dale J., assignor to The Pierce Governor Company, Anderson, Ind. Automatic suction choking for starting internal combustion engines. 1,932,530; Oct. 31.
- Noland, George B., Northville, assignor of one-half to W. C. Lichty, Wayne, Mich. Christmas tree stand. 1,923,794; Aug. 22.
- Noelken, Woldemar G., London, England. Refrigeration. 1,918,820; July 18.
- Nolde, August W. (See Hagel, Robert W., assignor.)
- Noles, Squire E., Spring Valley, assignor to The Mundie Manufacturing Co., Peru, Ill. Oil burner. 1,905,360; Apr. 25.
- Noll, Clement J., Norwood, assignor of one-half to The Heekin Can Company, Cincinnati, Ohio, and one-half to Joseph Peyser, Mount Vernon, N. Y. Can machinery. 1,941,152; Dec. 26.
- Nollau, Edgar H. (See Morrison, M. H., and Nollau.)
- Nollau, Edgar H., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Candy support. 1,923,275; Aug. 22.
- Nollau, Edgar H., and D. A. Rankin, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 1,940,462; Dec. 19.
- Noller, Carl E., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of polymerized vinyl alcohol. 1,897,856; Feb. 14.
- Noller, Friedrich, assignor to Radio Condenser Company, Camden, N. J. Electrical condenser. 1,930,724; Oct. 17.
- Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Protective cooling system for thermionic apparatus. 1,940,319; Dec. 19.
- Noltin, Fred, Berwyn, assignor to The Oscar C. Rixson Co., Chicago, Ill. Self aligning interfitting spindle and socket element. 1,901,355; Mar. 14.
- Noma Electric Corporation. (See Dam, Henry M., and Rosendal, assignors.)
- Noma Electric Corporation. (See Propp, Louis, assignor.)
- Nones, Joseph A., assignor to Dorset Holding Corporation, New York, N. Y. Self sharpening safety razor. 1,914,925; June 20.
- Non Pressure Glazing Company. (See Murnane, Daniel J., assignor.)
- Non-Refillable Container, Inc. (See Hunt, C. L. and Hill, assignors.)
- Noonan, Harry, White Plains, assignor to The Drug Products Co., Inc., Long Island City, N. Y. Mineral oil emulsion. 1,920,926; Aug. 1.
- Noonan, Thomas J. (See McIntosh, R. E., and Noonan.)
- Noonan, Thomas J., Bayonne, assignor to J. Edward Ogden Company, East Orange, N. J. Expansion shield. 1,919,901; July 25.
- Noonan, Vincent W., La Salle, Ill. Building construction. 1,896,325; Feb. 7.
- Nopper, Max, Furtwangen, Germany. Motion picture camera. 1,907,437; May 9.
- Norcross, Harry E., assignor to Warren Dungan, Philadelphia, Pa. Hickery-dickery-dock clock. 1,918,821; July 18.
- Nord, Benjamin, assignor to Whitney Metal Products Corp., New York, N. Y. Circle suspension. 1,920,520; Aug. 1.
- Nord, Benjamin, Bayside, assignor to Whitney Metal Products Corp., New York, N. Y. Eaves trough hanger. 1,923,276; Aug. 22.
- Nord, Benjamin, Bayside, assignor, by mesne assignments, to Whitney Metal Products Corp., New York, N. Y. Gutter hanger. 1,936,065; Nov. 21.
- Nord, Friedrich F., Berlin, Germany. Influencing the speed of enzymatic reactions. 1,927,069; Sept. 19.
- Nordberg, Bruno V. E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Power plant. 1,916,329; July 4.
- Nordberg, Charles P. (See Amorosi, Raoul, assignor.)
- Nordberg Manufacturing Co. (See Butler, Robert S., assignor.)

- Nordberg Manufacturing Company. (See Grieshaber, Emil, assignor.)
- Nordberg Manufacturing Company. (See Knutzen, M. T., and Williams, assignors.)
- Nordberg Manufacturing Company. (See Nordberg, Bruno V. E., assignor.)
- Nordberg Manufacturing Company. (See Symons, Edgar B., assignor.)
- Nordberg Manufacturing Company. (See Talboys, Henry H., assignor.)
- Nordberg Manufacturing Company. (See Wintzer, Rudolf, assignor.)
- Nordell, Carl H., Chicago, Ill. Door or screen and fastening means. 1,895,553; Jan. 31.
- Norden, Carl L., Inc. (See Barth, Theodore H., assignor.)
- Nordenswan, Robert, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 1,930,906; Oct. 17.
- Nordhem, Eric. (See Alsaker, A., and Nordhem.)
- Nordin, Arvid, Cranford Township, Union County, N. J., assignor to M. H. Treadwell Company, Inc., New York, N. Y. Dam. 1,941,183; Dec. 26.
- Nordin, John. (See Wiberg, O. A., and Nordin.)
- Nordin, Josef A., assignor to Aktiebolaget Stille Warner, Stockholm, Sweden. Driving aggregate for motor power and hand power. 1,898,139; Feb. 21.
- Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for preparing sulphur dioxide. 1,904,512; Apr. 18.
- Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Apparatus for preparing sulphur dioxide. 1,904,513; Apr. 18.
- Nordlohe, Pierre J. H. A., Eindhoven, Netherlands, assignor to Radio Corporation of America. Pushpull amplifier. 1,910,040; May 23.
- Nordmann, Charles, Paris, France. Color photography. 1,921,258; Aug. 8.
- Nordmann, Charles, Paris, France. Color reproduction. 1,940,503; Dec. 19.
- Nordmeyer, Gerald J., Oak Park, Ill., assignor to The Koppers Company of Delaware. Gas manufacturing apparatus. 1,932,828; Oct. 31.
- Nordström, Abel, Buenos Aires, Argentina. Roller for crushing clofs. 1,916,330; July 4.
- Nordstrom, Eloff, East Orange, assignor to Hoffman Beverage Company, Newark, N. J. Fruit cutting and juice extracting machine. 1,922,818; Aug. 15.
- Nordstrom, Sven J., Piedmont, assignor to Merco, Nordstrom Valve Company, San Francisco, Calif. Lubricated valve. 1,913,894; June 13.
- Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Plug valve. 1,932,322; Oct. 24.
- Norelius, Emil F., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Track link. 1,934,627; Nov. 7.
- Norgaard, Hal W., Oakland, Calif. Feeder for can-filling apparatus. 1,925,273; Sept. 5.
- Norge Corporation. (See Buchanan, J. C., and Hubacker, assignors.)
- Norge Corporation. (See Darbyshire, Leonard H., assignor.)
- Norge Corporation. (See Klabon, John L., assignor.)
- Norge Corporation. (See McPhail, Harold R., assignor.)
- Norgren, Oscar B., Chicago, Ill. Die casting machine. 1,893,301; Jan. 3.
- Norin, Allan A., assignor to Hanna Engineering Works, Chicago, Ill. Roller wedge riveter. 1,905,047; Apr. 25.
- Norinder, Ernst H., Uppsala, Sweden. Cathode ray oscillograph. 1,910,560; May 23.
- Norlin, Clarence F., Chicago, Ill. Lead pencil. 1,937,779; Dec. 5.
- Norling, Oscar, Tacoma, Wash. Clamp truck. 1,895,640; Jan. 31.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Stud setting tool. 1,904,322; Apr. 18.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Rotary motor. 1,917,054; July 4.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Balancer. 1,926,452; Sept. 12.
- Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Balancer. 1,933,925; Nov. 7.
- Norma-Hoffman Bearings Corporation. (See Bott, George R., assignor.)
- Norman Confections Inc. (See Snodgrass, Edward N., assignor.)
- Norman, Ernest B., assignor to Reliance Machine and Stamping Works, New Orleans, La. Pressure grease gun. 1,899,349; Feb. 28.
- Norman, George M., assignor to Hercules Powder Company, Wilmington, Del. Nitrostarch and producing. 1,908,857; May 16.
- Norman, John B., assignor to E. B. Malone, Miami, Fla. Outdoor-advertising signboard. 1,930,018; Oct. 10.
- Norman, Joseph, Beverly, Alberta, Canada. Vise and securing means therefor. 1,931,934; Oct. 24.
- Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 1,918,822; July 18.
- Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume control circuits. 1,922,602; Aug. 15.
- Norman, Sigurd, Everett, Wash., assignor to Fibre Making Processes, Inc., Chicago, Ill. Chip duster. 1,028,791; Oct. 3.
- Normand, Emile H. (See Normand, Ernest A., assignor.)
- Normand, Ernest A., assignor to E. H. Normand, San Francisco, Calif. Chuck. 1,921,694; Aug. 8.
- Normand, Ernest A., assignor to E. H. Normand, San Francisco, Calif. Chuck. 1,921,695; Aug. 8.
- Noros, George C., assignor to Bond Foundry and Machine Company, Manheim, Pa. Adjustable leg for workbenches and the like. 1,898,384; Feb. 21.
- Norquay, John G., St. Andrew, Manitoba, Canada. Exhaust steam spreader. 1,892,996; Jan. 3.
- Norquist, Glenn H. (See Norquist, Ralph A. and G. H.)
- Norquist, Ralph A., and G. H., Jamestown, N. Y. Window screen. 1,918,660; July 18.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Hot air generator. Des. 89,088; Jan. 24.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Hot air generator. Des. 89,912; May 16.
- Norquist, Victor C., assignor to Butler Manufacturing Company, Kansas City, Mo. Receptacle cover. 1,927,843; Sept. 26.
- Norquist, Victor C., and E. E. Treanor, assignors to Butler Manufacturing Company, Kansas City, Mo. Filter. 1,895,083; Jan. 24.
- Norquist, Victor C., and E. E. Treanor, assignors to Butler Manufacturing Company, Kansas City, Mo. Filter. 1,905,738; Apr. 25.
- Norquist, Victor C., and E. E. Treanor, assignors to Butler Manufacturing Company, Kansas City, Mo. Filter. 1,919,448; July 25.
- Norries Products, Incorporated. (See Kane, Blanche C., assignor.)
- Norricks, Stanley A., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Molding machine. 1,905,490; Apr. 25.
- Norris Brothers, Incorporated. (See Norris, Daniel E., assignor.)
- Norris, Charles B. (See Meyercord, G. R., Basquin, and Norris.)
- Norris, Charles B., F. M. Curran, and H. W. Van Steenwyk, Grand Rapids, Mich., assignors to Haskell Manufacturing Corporation. Making wood mold dies. 1,905,048; Apr. 25.
- Norris, Daniel E., assignor to Norris Brothers, Incorporated, Robinson, Ill. Oil well stuffing box. 1,930,982; Oct. 17.
- Norris, Eric D. T., Hollnwood, England, assignor to Ferranti Inc., New York, N. Y. Lightning or surge absorber. 1,901,767; Mar. 14.
- Norris, Eric D. T., Hollnwood, England, assignor to Ferranti Inc., New York, N. Y. Regulation of the voltage of an alternating current circuit. 1,901,768; Mar. 14.
- Norris, Frank G., assignor to The American Rolling Mill Company, Middletown, Ohio. Deoxidizing iron and steel. 1,938,716; Dec. 12.
- Norris, John L., East Grand Rapids, Mich. Bed rail fastener. 1,922,388; Aug. 15.
- Norris, John I., High Point, N. C. Table. 1,931,414; Oct. 17.
- Norris, John W., assignor to Lennox Furnace Company, Marshalltown, Iowa. Air-conditioning device. 1,925,907; Sept. 5.
- Norris, Kenneth T., Los Angeles, Calif. Emblem holder for motor vehicles. Des. 90,993; Nov. 7.
- Norris, William A., Alhambra, Calif. Cigarette. 1,911,711; May 30.
- Norristown Magnesite & Asbestos Company. (See Wilson, Grant V., assignor.)
- Norrmann, Ernst B., Camden, N. J., assignor to Radio Corporation of America. Oscillation generator. 1,937,583; Dec. 5.
- Norstrand, Hans P. G., Plattsburg, assignor to Standard Pulp Products Co., Inc., New York, N. Y. Pulp molding machine. 1,937,464; Nov. 28.
- Norstrom, Nils E., Chicago, Ill. Hair clipper. 1,917,662; July 11.
- North Bro's Mfg Co. (See Fegley, Thomas J., assignor.)
- North Bro's Mfg Co. (See Fegley, T. J., and Leopold, assignors.)
- North, Clayton O., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Manufacturing aldehyde-amine reaction products. 1,897,210; Feb. 14.
- North, Clayton O., assignor to Kavalco Products, Inc., Nitro, W. Va. Making phosphorus oxychloride. 1,921,370; Aug. 8.
- North, Clayton O., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanizing rubber and product obtained thereby. 1,936,115; Nov. 21.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Concealed refrigerator lock. 1,916,848; July 4.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Furniture trimming. 1,917,319; July 11.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Furniture trimming. 1,917,320; July 11.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 1,917,321; July 11.

- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 1,918,979; July 18.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Sealing strip. 1,928,604; Sept. 26.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Table lock. 1,937,584; Dec. 5.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Sash pulley. 1,937,776; Dec. 5.
- North, Edwin W., assignor to National Lock Co., Rockford, Ill. Lock. 1,937,777; Dec. 5.
- North, Edwin W., and G. D. Lindstrom, assignors to National Lock Co., Rockford, Ill. Latch. 1,937,778; Dec. 5.
- North Electric Manufacturing Company, The. (See Arter, Roy C., assignor.)
- North, Harold D., Cleveland, Ohio. Diffusely reflecting surfaces and making same. 1,926,732; Sept. 12.
- North, Helen B., Detroit, Mich. Guard for a hospital bed. 1,938,635; Dec. 12.
- North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)
- North, Oliver D., and P. G. Hugh, assignors to Scammell Lorries Limited, London, England. Brake for road vehicles. 1,915,547; June 27.
- North, Russell E. (See Dauer, L. E., and North.)
- North, Stanley C., assignor of one-fourth to S. H. Keeling, and one-fourth to D. H. Keeling, Syracuse, N. Y. Drive mechanism for motor vehicles. 1,923,795; Aug. 22.
- North, William C., Sebring, Fla. Container guard. 1,897,133; Feb. 14.
- North American Car Corporation. (See Kopsa, J., and Brigham, assignors.)
- North American Car Corporation. (See Kopsa, J., and Brigham, jr., assignors.)
- North American Car Corporation. (See Wood, Edward C., assignor.)
- North American Chemical Company. (See Avery, Alfred H., assignor.)
- North American Chemical Company. (See Eaton, Charles F., assignor.)
- North American Chemical Company. (See Thoma, Andrew, assignor.)
- North American Holding Corporation. (See Johnston, James W., assignor.)
- Northcott, Robert A. (See Hunter, Oliver W., assignor.)
- Northcott, Robert A., Los Angeles, Calif. Shampoo lavatory. Des. 89,138; Jan. 31.
- Northcott, Robert A., Los Angeles, Calif. Shampoo lavatory. 1,917,773; July 11.
- North East Appliance Corporation. (See Hutchins, W. H., and Lee, assignors.)
- North East Appliance Corporation. (See Kettering, C. F., and Marvel, assignor.)
- North East Appliance Corporation. (See Parker, Linus J., assignor.)
- North East Appliance Corporation. (See Wallis, C. T., and Marquart, assignors.)
- Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
- Northern Furniture Company. (See Raymond H., assignor.)
- Northern Machine Co. (See Kamborian, Jacob S., assignor.)
- Northern Maine Plywood Company. (See Quimby, A., and Antworth, assignors.)
- Northern Malleable Iron Company. (See Cummins, Thomas K., assignor.)
- Northern Trust Company, executor. (See Schuchardt, Rudolph F.)
- Northey, A. B., et al. (See Jewett, Frank C., assignor.)
- Northey, Arthur J., Parkstone, England. Rotary internal combustion engine. 1,923,500; Aug. 22.
- Northon, Louis I. (See Neményi, Lajos.)
- Northrop, John K., Burbank, Calif., assignor, by mesne assignments, to The Stearman Aircraft Company, Wichita, Kans. Airplane. 1,929,255; Oct. 3.
- Northrup, Edwin F., Princeton, N. J. Method and apparatus for producing light. 1,904,995; Apr. 25.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Electric induction furnace. 1,895,421. Jan. 24.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Device for electric induction furnaces. 1,898,207; Feb. 21.
- Northrup, Edwin F., near Princeton, assignor to Ajax Electrothermic Corporation, Trenton, N. J. Heater for rods and tubes. 1,900,842; Mar. 7.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, Trenton, N. J. Heater for rods and tubes. 1,900,843; Mar. 7.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Magnetic return circuit. 1,904,665; Apr. 18.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Induction electric furnace. 1,912,214; May 30.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Inductor for furnaces and the like. 1,916,434; July 4.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Refractory lining. 1,917,849; July 11.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ewing Township, N. J. Device for switching electric currents. 1,928,629; Oct. 3.
- Northrup, Edwin F., Princeton, assignor to Ajax Electrothermic Corporation, Ajax Park, Ewing Township, N. J. Induction electric furnace. 1,936,309; Nov. 21.
- Northrup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Automobile body. Des. 89,448; Mar. 14.
- Northrup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Automobile. Des. 89,787; May 2.
- Northrup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Engine cowling for automobiles. Des. 89,788; May 2.
- Northrup, Amos E., Pleasant Ridge, assignor to The Murray Corporation of America, Detroit, Mich. Automobile hood. Des. 90,210; June 27.
- Northway-Ley, John R., Bishopston, Bristol, assignor to E. S. & A. Robinson, Limited, Bristol, England. Container or box for fragile articles. 1,896,326; Feb. 7.
- Northwest Engineering Corporation. (See Burke, Paul, assignor.)
- Northwest Engineering Corporation. (See Burke, P., and Blanchard, assignors.)
- Northwest Paper Company. (See Gortner, R. A., and Hoffman, assignors.)
- Northwest Paper Company. (See Hyde, William J., assignor.)
- Northwest Paper Company, The. (See McNair, William K., assignor.)
- Northwestern Barb Wire Company. (See Bradley, Albert, assignor.)
- Northwestern Barbwire Co. (See Dillon, Paul W., assignor.)
- Northwestern Barb Wire Company. (See Gellman, Israel C., assignor.)
- Northwestern Barb Wire Company. (See Hill, Harry W., assignor.)
- Northwestern Corporation. (See Bolen, Emerson A., assignor.)
- Northwestern Yeast Company. (See Kish, Zoltan J., assignor.)
- Norton, Albert C., assignor to California Corrugated Culvert Co., Berkeley, Calif. Making sheet metal flume troughs. 1,937,663; Dec. 5.
- Norton, Charles H., Plainville, Conn., assignor to Norton Company, Worcester, Mass. Lapping or grinding machine. 1,893,100; Jan. 3.
- Norton, Charles H., Plainville, Conn., assignor to Norton Company, Worcester, Mass. Size indicating steady rest. 1,914,578; June 20.
- Norton, Charles H., Plainville, Conn., assignor to Norton Company, Worcester, Mass. Lathe and turning round bodies. 1,920,209; Aug. 1.
- Norton, Charles H., Plainville, Conn., assignor to Norton Company, Worcester, Mass. End thrust bearing for spindles. 1,931,389; Oct. 17.
- Norton, Charles W. (See Coxhead, R. C., and Norton.)
- Norton, Clifford, South Orange, N. J., assignor to Otis Elevator Company, New York, N. Y. Guide rail lubricator. 1,897,764; Feb. 14.
- Norton, Clifford, South Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company. Mechanism for operating elevator doors. 1,902,138; Mar. 21.
- Norton, Clifford, South Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company. Door mechanism. 1,911,643; May 30.
- Norton, Clifford, South Orange, N. J., assignor, by mesne assignments, to Otis Elevator Company. Electric door operator. 1,922,708; Aug. 15.
- Norton Company. (See Belden, A. G., and Drown, assignors.)
- Norton Company. (See Belden, A. G., and Silven, assignors.)
- Norton Company. (See Beth, Hugo W. H., assignor.)
- Norton Company. (See Bethel, Joseph N., assignor.)
- Norton Company. (See Cole, R. A., and Belden, assignors.)
- Norton Company. (See Dunbar, H. W., and Baker, assignors.)
- Norton Company. (See Egger, W. F., and Becker, assignors.)
- Norton Company. (See Flygare, Carl G., assignor.)
- Norton Company. (See Fraser, Warren F., assignor.)
- Norton Company. (See Indge, H. S., and Player, assignors.)
- Norton Company. (See Larsson, Thure, assignor.)
- Norton Company. (See Milligan, L. H., and Quick, assignors.)
- Norton Company. (See Norton, Charles H., assignor.)
- Norton Company. (See Player, S., and Indge, assignors.)
- Norton Company. (See Ridgway, Raymond R., assignor.)
- Norton Company. (See Strong, Arthur J., assignor.)
- Norton Company. (See Stubbs, Everard, assignor.)
- Norton Company. (See Trefethen, Charles G., assignor.)
- Norton Company. (See Webster, D. E., and Sanford, assignors.)
- Norton Company. (See Whittles, Joseph R., assignor.)
- Norton Company. (See Wood, Wallace H., assignor.)
- Norton, F. W. (See Jensen, William E., assignor.)
- Norton, Fred E., Kennebunk, Maine. Hook and bait holder. 1,920,478; Aug. 1.

- Norton, Frederick H., Winchester, and E. R. Person, Leominster, Mass., assignors to Du Pont Viscoid Company, Incorporated, Wilmington, Del. Molding process and apparatus. 1,914,037; June 13.
- Norton, Frederick W., Providence, R. I. Bottle cap. 1,936,436; Nov. 21.
- Norton, George, Handsworth, England. Coal washing machine. 1,931,390; Oct. 17.
- Norton, Harry R., deceased, New York, N. Y.; M. E. Norton and A. G. Blair, administrators, assignors, by mesne assignments, to Westinghouse Electric Elevator Company, Chicago, Ill. Position and direction indicator for elevators. 1,896,784; Feb. 7.
- Norton, James H., Denver, Colo. Building insulation conveyer nozzle. 1,898,385; Feb. 21.
- Norton, James P., assignor to Riley Stoker Corporation, Worcester, Mass. Stoker. 1,940,967; Dec. 26.
- Norton, John H. (See Week, Sanford P., assignor.)
- Norton, Karl B. (See Tressler, D. K., and Norton.)
- Norton Laboratories, Inc. (See Whitlock, Carl H., assignor.)
- Norton Laboratories, Inc. (See Wilson, Gardiner C., assignor.)
- Norton Lasier Co. (See Norton, Lewis C., assignor.)
- Norton, Lewis C., Los Angeles, Calif., assignor to Norton-Lasier Co., Chicago, Ill. Connection for doorchecks. 1,895,895; Jan. 31.
- Norton, Lewis C., Pasadena, Calif., assignor to Norton-Lasier Company, Chicago, Ill. Air doorcheck. 1,899,716; Feb. 28.
- Norton, Mary E., et al, administrators. (See Norton, Harry R.)
- Norton, Ralph H. (See MacChesney, C. M., and Norton.)
- Norton, Raymond J., et al. (See Wright, Leonard K., assignor.)
- Norton, Raymond J., Washington, D. C., assignor to Bendix Aviation Corporation, New York, N. Y. Airplane propeller. 1,899,631; Feb. 28.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake drum. 1,900,844; Mar. 7.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Friction surfaces. 1,902,576; Mar. 21.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,906,711; May 2.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind. Seal plane. 1,906,712; May 2.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake actuator. 1,908,438; May 9.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,908,439; May 9.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake drum. 1,912,789; June 6.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake apparatus. 1,924,622; Aug. 29.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Friction material. 1,926,699; Sept. 12.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake drum. 1,934,443; Nov. 7.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake drum. 1,934,444; Nov. 7.
- Norton, Raymond J., Washington, D. C., assignor to Bendix Brake Company, South Bend, Ind. Brake apparatus. 1,935,331; Nov. 14.
- Norton, Raymond J., Washington, D. C., assignor, by mesne assignments, to Bendix-Cowdrey Brake Tester, Inc., New York, N. Y. Electrical brake tester. 1,938,349; Dec. 5.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Lock slider. 1,901,257; Mar. 14.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 1,902,416; Mar. 21.
- Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 1,910,355; May 23.
- Norton, Samuel H., assignor to Hookless Fastener Company, Meadville, Pa. Lock slider for separable fasteners. 1,936,096; Nov. 21.
- Norton, Sereno G., Brunswick, Ga., assignor to Hercules Powder Company. Smokeless powder. Re18,989; Nov. 7.
- Norton, Sereno G., and N. C. Boyd, Kenil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Purifying aliphatic organic nitrates. 1,912,399; June 6.
- Norton, William G., Memphis, Tenn. Abrading and polishing machine. 1,935,660; Nov. 21.
- Norton, William W. (See Schwartz, M., and Norton.)
- Norvell, David H., Kermit, Tex. Aeroplane map device. 1,923,113; Aug. 22.
- Norviel, Harry E., deceased, assignor to Delco-Remy Corporation, by Anderson Banking Company, Anderson, Ind. Coil-switch unit. 1,896,143; Feb. 7.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Switch and mounting therefor. 1,898,495; Feb. 21.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Antitheft device. 1,899,350; Feb. 28.
- Norviel, Harry E., Anderson, Ind., assignor to Delco-Remy Corporation, Dayton, Ohio. Lock switch. 1,905,049; Apr. 25.
- Norviel, Harry E., deceased, by Anderson Banking Company, executor, assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,906,084; Apr. 25.
- Norviel, Harry E., deceased, by Anderson Banking Company, executor, assignor to Delco-Remy Corporation, Anderson, Ind. Electric switch. 1,906,085; Apr. 25.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,911,526; May 30.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,912,090; May 30.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Lock controller. 1,922,449; Aug. 15.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Electric switch. 1,924,252; Aug. 29.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Switch. 1,925,274; Sept. 5.
- Norviel, Harry E., deceased, by Anderson Banking Company, executor, assignor to Delco-Remy Corporation, Anderson, Ind. Ignition switch control of starter. 1,931,619; Oct. 24.
- Norviel, Harry E., assignor to Delco-Remy Corporation, Anderson, Ind. Apparatus for cooling a passenger vehicle. 1,941,363; Dec. 26.
- Norviel, Harry E., and V. Ecoff, assignors to Delco-Remy Corporation, Anderson, Ind. Switch. 1,906,083; Apr. 25.
- Norviel, Harry E., and H. L. Hartzell, assignors to Delco-Remy Corporation, Anderson, Ind. Lock coil. 1,926,348; Sept. 12.
- Norwich Research, Inc. (See Land, E. H., and Friedman, assignors.)
- Norwich Wire Works, Inc. (See Beardsley, Lester A., assignor.)
- Norwine, Andrew C., Passaic, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 1,926,880; Sept. 12.
- Norwood, Donald W., March Field, Calif. Rotary machine. 1,909,418; May 16.
- Norwood, Harry V., West Rush, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 1,897,326; Feb. 14.
- Norwood, Stanley M., Flushing, N. Y., assignor to Electro Metallurgical Company. Production of castings with coatings composed of high-chromium alloys. 1,902,092; Mar. 21.
- Norworth, Jack, New York, N. Y. Apparatus for testing photopaper. 1,901,186; Mar. 14.
- Noser, Charles P., Rochester, assignor to The Symington Company, New York, N. Y. Railway truck. Re19,011; Nov. 28.
- Nosik, Rudolph J. (See Nosik, William A. and R. J., Krocka, and Moncher.)
- Nosik, William A. and R. J., J. S. Krocka, and W. Moncher, Milwaukee, Wis. Pajamas. 1,905,948; Apr. 25.
- Noss, James R., Aliquippa, Pa. Safety wrist pin. 1,899,879; Feb. 28.
- Notkin, Jacob, Portsmouth, N. H. Ice cream cone. 1,931,413; Oct. 17.
- Noto, Louis M., Chicago, Ill. Comb. 1,929,849; Oct. 10.
- Nottage, Stanley G., Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,901,608; Mar. 14.
- Nottebohm, Walter, Wanne-Eickel, Germany, assignor to Patentverwertungs A. G. Alpina, S. A. pour l'Exploitation de Brevets Alpina, Patents Exploitation Cy, Alpina Ltd., Basel, Switzerland. Recovery of ammonia from vapor mixtures. 1,911,922; May 30.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Coated welding wire. 1,905,648; Apr. 25.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Flux coated welding rod. 1,909,217; May 16.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Flux coated welding rod. 1,909,218; May 16.
- Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Arc welding electrode. 1,931,466; Oct. 17.
- Noulanger, Frank D., 2d. (See Boulanger, A. D., and Hubrich, assignors.)
- Nourse, Rupert A. (See Schwartz, F. G., and Nourse.)
- Nourse, Walter H., assignor to Electric Steel Foundry Company, Portland, Ore. Ferrule for cable ends and forming same. 1,920,927; Aug. 1.
- Nouslakis, Milton J., Bingham Canyon, Utah. Parachute for aeroplanes. 1,909,067; May 16.
- Novack, Maurice L., Minneapolis, Minn. Lighter. 1,927,572; Sept. 19.
- Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Soluble gilsonite and solution of same. 1,925,085; Sept. 5.
- Novak, Julius J., East Orange, N. J., assignor of one-fourth to Laurence A. Steinhardt, New York, N. Y. Propeller and flywheel. 1,919,961; July 25.
- Novakovich, Michael, Cuyahoga Falls, Ohio. Drain and waste pipe cleaner. 1,925,984; Sept. 5.
- Novaseta A. G. Arbon. (See Bodmer, Albert, assignor.)
- Noveltex, Inc. (See Goldberger, Hugo, assignor.)

- Novick, Abraham, Flushing, N. Y., assignor to United States Envelope Company, Worcester, Mass. Paper drinking cup. 1,902,717; Mar. 21.
- Novick, Abraham, Flushing, N. Y., assignor, by mesne assignments, to United States Envelope Company, Worcester, Mass. Sanitary drinking cup. 1,910,177; May 23.
- Novick, Abraham, Flushing, N. Y., assignor, by mesne assignments, to United States Envelope Company, Worcester, Mass. Sanitary drinking cup. 1,910,178; May 23.
- Novitsky, Emil, Detroit, Mich. Fish lure. 1,898,740; Feb. 21.
- Novitzky, Emil, Detroit, Mich. Fish lure. 1,914,211; June 13.
- Novo Engine Company. (See Teel, Eric P., assignor.)
- Novocol Chemical Mfg. Co., Inc. (See Goldberg, Samuel D., assignor.)
- Novocol Chemical Mfg. Co. (See Nevin, Mendel, assignor.)
- Novocol Chemical Mfg. Co. (See Woelm, Max, assignor.)
- Novotney, Harry J. (See Dow, J. B., and Novotney.)
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Huntingdon Valley, Pa. Abrasive body and making the same. 1,901,324; Mar. 14.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Huntingdon Valley, Pa. Abrasive body and making the same. 1,901,325; Mar. 14.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Spring Valley Farms, Huntingdon Valley, Pa. Thermosetting resinous product and making the same. 1,902,461; Mar. 21.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Spring Valley Farms, Huntingdon Valley P. O., Pa. Abrasive body and making the same. 1,907,088; May 2.
- Novotny, Emil E., Philadelphia, assignor to J. S. Stokes, Huntingdon Valley, Pa. Abrasive product and making the same. 1,909,784; May 16.
- Novotny, Emil E., Philadelphia, Pa., and J. N. Kuzmick, Passaic, N. J., assignors of one-half to John S. Stokes, Huntingdon Valley, Pa., and one-half to Raybestos-Manhattan, Inc., Passaic, N. J. Abrasive body and making the same. 1,924,748; Aug. 29.
- Novotny, Emil E., Philadelphia, Pa., and W. C. Wilson, Chicago, Ill., assignors to John S. Stokes, Huntingdon Valley, Pa. Synthetic resin and making the same. 1,926,786; Sept. 12.
- Novstrup, Katherine, Los Angeles, Calif. Massage device. 1,930,019; Oct. 10.
- Novy, Albert F., Berwyn, and W. C. Childress, Oak Park, assignors to Acme Steel Company, Chicago, Ill. Strap cutting device. 1,938,666; Dec. 12.
- Nowak, Alexander J., Milwaukee, Wis. Automatic clutch. 1,924,723; Aug. 29.
- Nowak, Walter H. (See Broman, C. E., and Nowak.)
- Nowell, Edward T., Stotts City, Mo. Cotton chopper. 1,909,307; May 16.
- Nowitsky, Herman S., Norfolk, Va. Ventilator. 1,905,599; Apr. 25.
- Nowka, Werner, Pittsburgh, Pa. Speed reducer. 1,915,797; June 27.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Yielding coupling. 1,904,745; Apr. 18.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Making spark plugs. 1,905,600; Apr. 25.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Terminal connector. 1,909,306; May 16.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical apparatus. 1,915,030; June 20.
- Nowosielski, Edward B., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Magneto. 1,921,427; Aug. 8.
- Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Magneto-electric generator. 1,927,715; Sept. 19.
- Nowosielski, Edward B., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Circuit controlling device. 1,928,261; Sept. 26.
- Nowosielski, Edward B., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Circuit controlling device. 1,934,320; Nov. 7.
- Nowosielski, Edward B., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Magneto. 1,935,127; Nov. 14.
- Noxon, Paul A., Jackson Heights, assignor to The Western Union Telegraph Company, New York, N. Y. Extended channel system. 1,917,195; July 4.
- Noyd, Walter E., Wenatchee, Wash. Computing chart. 1,925,703; Sept. 5.
- Noyes, Albert H., assignor to Hills-McCanna Company, Chicago, Ill. Tank outlet valve. 1,899,978; Mar. 7.
- Noyes, Corrina A. (See Kinsley, A. E., and Noyes.)
- Noyes, Gertrude E. (See Noyes, Hazlehurst R., assignor.)
- Noyes, Hazlehurst R., assignor to W. G. McAdoo, Los Angeles, Calif. Razor blade package. 1,899,979; Mar. 7.
- Noyes, Hazlehurst R., assignor to G. E. Noyes, Los Angeles, Calif. Window screen and structure. 1,905,421; Apr. 25.
- Noyes, Ira W., assignor to Draper Corporation, Hopedale, Mass. Loom. 1,906,998; May 2.
- Noyes, John D., Detroit, Mich. Electrical connecting means. 1,933,506; Oct. 31.
- Noyes, Maxwell E., Mount Lebanon, assignor to Aluminum Company of America, Pittsburgh, Pa. Dead end clamp for cables. 1,936,097; Nov. 21.
- Noyes, Robert H., Dayton, Ohio. Fluid cooled inductance. 1,938,607; Dec. 12.
- Noyes, Stanley E. (See Harrison, L. E., and Noyes.)
- Nozawa, Fusatoshi. (See Matsunawa, S., and Nozawa.)
- Nozawa, Fusatoshi. (See Matsunawa, S., Nozawa, and Suzuki.)
- Nuberg, Matthys, assignor to American Seating Company, Grand Rapids, Mich. Joint construction. 1,900,460; Mar. 7.
- Nuckols, Claude C., Menands, assignor to Albany Corrugated Container Corp., Albany, N. Y. Collapsible display stand. 1,895,725; Jan. 31.
- Nudell, Uza, New York, N. Y., assignor to Baker & Company, Inc., Newark, N. J. Making reinforced vulcanite dentures. 1,899,521; Feb. 28.
- Nuebling, Edward, New York, N. Y. Controlling valve for compound water meters. 1,928,433; Sept. 26.
- Nuernberger, John, Wilmersdorf, and L. Besch, Siemensstadt, near Berlin, Germany. Plow. 1,934,321; Nov. 7.
- Nuesslein, Joseph. (See Ulrich, H., and Nuesslein.)
- Nuesslein, Joseph. (See Ulrich, H., Nuesslein, and Koering.)
- Nuesslein, Joseph, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Soap preparation. 1,906,484; May 2.
- Nuesslein, Joseph, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Dyeing wool. 1,926,556; Sept. 12.
- Nuesslein, Joseph, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Dyeing fibrous materials. 1,933,068; Oct. 31.
- Nuesslein, Joseph, Ludwigshafen-on-the-Rhine, and Hermann Schuette, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of textile materials with aqueous liquids. 1,914,331; June 13.
- Nufold Furniture Company. (See Simmons, Finn, assignor.)
- Nugen, John A. (See Burcke, William, assignor.)
- Nugent, Joseph J., Thornwood, N. Y. Garment creaser. 1,927,716; Sept. 19.
- Nugent, William W., Chicago, Ill. Pressure filter. 1,909,308; May 16.
- Nugent, William W., Chicago, Ill. Pressure filter. 1,918,980; July 18.
- Nugent, William W., Chicago, Ill. Pressure filter. 1,919,034; July 18.
- Nuhring, Charles, Cincinnati, Ohio. Hose reel. 1,921,938; Aug. 8.
- Nukiyama, Heiichi, Sendai City, Japan, assignor to Western Electric Company, Incorporated, New York, N. Y. Amplifier-filter circuit. 1,917,947; July 11.
- Null, Abraham E., Memphis, Tenn. Folding table. 1,905,491; Apr. 25.
- Nulsen, Marvin E. (See Smellie, D. G., White, and Nulsen.)
- Nulsen, Richard E., Seattle, Wash. Illuminated house number. 1,898,463; Feb. 21.
- Nungesser, Philip P., Cleveland Heights, Ohio. Apparatus for collecting and conveying dusts. 1,893,505; Jan. 10.
- Nunimaker, Harry N., Groveton, Pa. Dog feeding table. Des. 89,262; Feb. 14.
- Nunn, Arthur L., Fullerton, Calif. Baseball game board. Des. 89,205; Feb. 7.
- Nunn, Barney P., Commerce, Ga. Doorlatch. 1,927,948; Sept. 26.
- Nunn, Bush & Weldon Shoe Company. (See Waraxa, Peter P., assignor.)
- Nunnery, Norman E., Headland, Ala. Cultivator. 1,924,956; Aug. 29.
- Nunnery, Raymond B., Chickasha, Okla. Display rack. 1,903,936; Apr. 18.
- Nunninghoff, Ludwig, Cologne-Holweide, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Apparatus for removing the lead covering of electrical cable. 1,941,364; Dec. 26.
- Nurnberger, Joseph S., St. Albans, W. Va. Vise. 1,904,798; Apr. 18.
- Nusbaum Knitters Inc. (See Finger, Jules S., assignor.)
- Nusbaum, Lee, Philadelphia, Pa. Heat exchange apparatus. 1,912,651; June 6.
- Nusser, Otto, Newark, N. J. Sectional radiator cover. 1,922,603; Aug. 15.
- Nut Products Company, The. (See Kelly, William W., assignor.)
- Nute, George A., Somerville, assignor of one-half to David H. Young, Williamsett, Mass. Pedestal for traffic signals or the like. 1,903,683; Apr. 11.
- Nutt, Arthur, Eggertsville, A. H. Leak, Hamburg, and H. L. Chisholm, Jr., Buffalo, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Valve operating mechanism. 1,926,549; Sept. 12.
- Nutt, Donald B. (See Belcher, A. N., and Nutt.)
- Nutt, Harold, assignor to The Borg & Beck Company, Chicago, Ill. Automatic clutch lock-out device. 1,931,675; Oct. 24.

- Nutt, Harold, and Harold V. Reed, Chicago, Ill., assignors to The Borg & Beck Company. Automatic clutch. 1,931,674; Oct. 24.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for grooving heels. 1,899,047; Feb. 28.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for slotting heels. 1,904,823; Apr. 18.
- Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel cover trimming and tucking tool. 1,912,652; June 6.
- Nuttall, Fred D., assignor of one-fourth to Laurence M. Mathieu, Richmond, Va. High tension ignition system. 1,900,022; Mar. 7.
- Nutting Truck Company. (See Thomas, J. F., and Ricker, assignors.)
- Nutting, Willard H. (See Rosener, L. S., and Nutting.)
- Nu-Wa Service Company. (See Fisher, George A., assignor.)
- Nyberg, Albert M., Brawley, Calif. Vegetable grader. 1,936,116; Nov. 21.
- Nyberg, Herman. (See Gurton, W. S., Plint, and Nyberg.)
- Nyberg, John A., Jamestown, N. Y. Window sash securing construction. 1,928,262; Sept. 26.
- Nyberg, Olaf J., Youngstown, Ohio, assignor to Youngstown Steel Car Corporation. Apparatus for reshaping worn railway track irons. 1,932,375; Oct. 24.
- Nyberg, Olaf J., Youngstown, Ohio, assignor to Youngstown Steel Car Corporation. Reforming angle splice bars. 1,932,376; Oct. 24.
- Nyberg, Soren C. (See Mainland, J., and Nyberg.)
- Nyborg, Tage G., assignor of one-half to M. F. Higgins, Worcester, England. Shaker conveyor. 1,915,198; June 20.
- Nyborg, Tage G., assignor of one-half to M. F. Higgins, Worcester, England. Belt conveyor. 1,921,205; Aug. 8.
- Nyborg, Tage G., assignor of one-half to The Mining Engineering Company Limited, Meco Works, Worcester, England. Jigging conveyor. 1,939,514; Dec. 12.
- Nyce, Wallace E., Philadelphia, Pa. Intercell connector. 1,919,902; July 25.
- Nycum, Homer C., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulating apparatus. 1,936,801; Nov. 28.
- Nycum, Homer C., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulating system. 1,940,876; Dec. 26.
- Nycum, Homer C., Wilkensburg, Pa., and J. H. Ashbaugh, Longmeadow, Mass., assignors to Westinghouse Electric & Manufacturing Company. Regulating equipment. 1,928,701; Oct. 3.
- Nye, Alvin F., Rochester, assignor, by mesne assignments, of one-half to H. B. Lawson, East Rochester, N. Y. Curtain fixture. 1,922,389; Aug. 15.
- Nye, George F., Kearney, Nebr. Threshing unit. 1,910,356; May 23.
- Nye, George F., Kearney, Nebr. Centrifugal threshing machine. 1,910,357; May 23.
- Nye, Henry V., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Circuit breaker control system. 1,901,406; Mar. 14.
- Nye, Henry V., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrical apparatus. 1,914,670; June 20.
- Nye, J. Sidney. (See Kice, James W., assignor.)
- Nye, Roland W. (See Carlisle, R. W., and Nye.)
- Nye Tool & Machine Works, The. (See Lilleberg, Tideman M., assignor.)
- Nyffenegger, Hans, assignor to the Firm Schweizerische Lokomotiv-und Maschinenfabrik, Winterthur, Switzerland. High-pressure boiler having a large heating surface and particularly adapted for locomotives. 1,939,787; Dec. 19.
- Nygaard, Oscar, Saugus, Mass. Furnace walls. 1,903,062; Mar. 28.
- Nygaard, Oscar, Saugus, Mass. Furnace wall. 1,912,912; June 6.
- Nygaard, Oscar, Saugus, Mass. Water wall. 1,912,913; June 6.
- Nygreen, Axel E. (See Elbert, Clifford R., assignor.)
- Nyhaven, Barney R., New York, N. Y. Bathing accessory. 1,916,068; June 27.
- Nylander, Knut A., and T. E. D. Bilde, Stockholm, Sweden. Chemical filtering device for water. 1,926,168; Sept. 12.
- Nyman, Alexander, assignor to Dubilier Condenser Corporation, New York, N. Y. Rectifying and filtering apparatus. 1,907,859; May 9.
- Nyman, Alexander, Dobbs Ferry, assignor to Dubilier Condenser Corporation, New York, N. Y. Condenser. 1,907,860; May 9.
- Nyman, Emanuel, Foley, Minn. Hand cultivator. 1,910,042; May 23.
- Nyquist, August R., Roseau, Minn. Flux. 1,922,692; Aug. 15.
- Nyquist, Gust W., Minneapolis, Minn. Internal combustion engine. 1,907,214; May 2.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Eliminating distortion in repeaters. 1,894,322; Jan. 17.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Polar duplex telegraph system. 1,906,804; May 2.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Regenerative amplifier. 1,915,440; June 27.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. System for determining the gain of vacuum tubes. 1,915,441; June 27.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Cable conductor system. 1,915,442; June 27.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. System for transposition of conductor sets in cables. 1,922,138; Aug. 15.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Telegraph system for submarine cables. 1,922,139; Aug. 15.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Phase and frequency control. 1,926,169; Sept. 12.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. System for replacement of a defective circuit. 1,927,989; Sept. 26.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Multiconductor system for signaling circuits. 1,928,735; Oct. 3.
- Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Vacuum tube circuits. 1,940,181; Dec. 19.
- Nystrom, Karl F., Milwaukee, Wis., assignor to Camel Company, Chicago, Ill. Latch mechanism. 1,900,254; Mar. 7.
- Nystrom, Martin, Chicago, Ill., assignor to United Research Corporation. Control device for phonographs. 1,895,004; Jan. 24.
- Nystrom, Martin, Chicago, Ill., assignor, by mesne assignments, to United Research Corporation, Long Island City, N. Y. Diaphragm. 1,918,421; July 18.
- Nystrom, Martin, Chicago, Ill., assignor, by mesne assignments, to United Research Corporation, Long Island City, N. Y. Sound-reproducing device. 1,918,422; July 18.
- Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Adjustable elbow. 1,909,309; May 16.
- Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Warm air heating furnace. 1,909,710; May 16.
- O. K. Tool Company, The. (See Severson, Ole, assignor.)
- O. & S. Bearing Co. (See Lavigne, Joseph P., assignor.)
- O. & S. Bearing Co. (See Skillman, Newton, assignor.)
- O. & S. Bearing Company. (See Skillman, N., and Lavigne, assignors.)
- Oakes, Bernard F., Lincoln, Nebr. Football line charging apparatus. 1,916,385; July 4.
- Oakes & Burger Co. Inc. (See Wolf, Frank F., assignor.)
- Oakes, Claude W. (See Lane, M. W., and Oakes.)
- Oakes Manufacturing Company, The. (See Abendroth, Elmer T., assignor.)
- Oakes Products Corporation. (See Duncan, Charles R., assignor.)
- Oakes Products Corporation. (See Ellenberger, Clarence M., assignor.)
- Oakes Products Corporation. (See Ellenberger, C. M., and Smith, assignors.)
- Oakes Products Corporation. (See Gillen, George A., assignor.)
- Oakes Products Corporation. (See Hershey, Orville S., assignor.)
- Oakes Products Corporation. (See Mabey, Alexander C., assignor.)
- Oakes Products Corporation. (See Nehls, Charles H., assignor.)
- Oakes Products Corporation. (See Smith, Frederick A., assignor.)
- Oakes Products Corporation. (See Van Sickel, Ernest J., assignor.)
- Oakes, William C., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,909,419; May 16.
- Oakey, William E., Oriskany, N. Y., assignor to Revere Copper and Brass Incorporated. Heat transfer apparatus. 1,937,713; Dec. 5.
- Oakland, Andrew, Stambaugh, Mich. Printing attachment for adding machines. 1,939,272; Dec. 12.
- Oakland-California Towel Company. (See Borroughs, J. N., and Old, assignors.)
- Oakland-California Towel Company. (See Trehwitt, James E., and Borroughs, assignors.)
- Oakland, Peter. (See Dodge, J. M., and Oakland.)
- Oakley, Edward C. F., Norbury, England. Nonreturn valve. 1,902,577; Mar. 21.
- Oakley, George E., and L. C. Hyatt, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Train line relief valve. 1,934,205; Nov. 7.
- Oakley, Laurence M., Trenton, N. J. Shoe sole. Des. 90,450; Aug. 8.
- Oakley, Laurence M., Trenton, N. J. Shoe heel. Des. 91,079; Nov. 21.
- Oakley, Percy. (See Tullis, D. R., and Oakley.)
- Oakley, Walter W., Corning, N. Y. Soot disposal. 1,894,961; Jan. 24.
- Oakwood Electrical Manufacturing Company, The. (See Kingston, Frederick S., assignor.)

- Oatley, Henry B., Great Neck, assignor to The Superheater Company, New York, N. Y. Superheater. 1,905,739; Apr. 25.
- Oatley, Henry B., Great Neck, assignor to The Superheater Company, New York, N. Y. Boiler. 1,929,899; Oct. 10.
- Obbard, Norman B., Pittsburgh, Pa. Anticlimbing device for towers. 1,915,752; June 27.
- Obeare Nester Glass Company. (See Nester, William A., assignor.)
- Obeare Nester Glass Company. (See Stuckey, Samuel G., assignor.)
- Ober, Beverly, W. W. Pagon, G. L. Pruett, and W. W. Troxell, assignors, by mesne assignments, to The Oberphos Company, Baltimore, Md. Producing phosphatic fertilizers. 1,893,437; Jan. 3.
- Ober, Beverly, and E. H. Wight, assignors, by mesne assignments, to The Oberphos Company, Baltimore, Md. Ammoniation of acid phosphate. 1,907,438; May 9.
- Ober, Beverly, and E. H. Wight, assignors, by mesne assignments, to The Oberphos Company, Baltimore, Md. Treatment of fertilizer compounds. 1,916,114; June 27.
- Ober, Beverly, and E. H. Wight, assignors, by mesne assignments, to The Oberphos Company, Baltimore, Md. Production of phosphatic fertilizers. 1,929,710; Oct. 10.
- Ober, Ernst. (See Mueller-Cunradi and Ober.)
- Ober, Philip H., Mansfield, Ohio. Tire. Des. 91,121; Nov. 28.
- Oberdorfer, Henry D., and R. True, assignors to Circle A Products Corporation, Newcastle, Ind. Folding partition. 1,893,147; Jan. 3.
- Oberdorfer, Jonas L., Syracuse, N. Y. Puzzle set. 1,913,850; June 13.
- Oberdorfer, M. I., Brass Company. (See Hedglon, Mead, assignor.)
- Oberdorfer, Max, St. Helens, Oreg. Making and waxing of a sheet of paper by a paper making machine. 1,915,865; June 27.
- Oberdorfer, Max, and J. E. Ryberg, St. Helens, Oreg. Combined light and heavy weight paper making machine. 1,894,472; Jan. 17.
- Oberfell, George G., and R. W. Thomas, assignors to Phillips Petroleum Company, Bartlesville, Okla. Gas manufacture. 1,926,170; Sept. 12.
- Oberg, Algot B. (See Baker, G. L., and Oberg.)
- Obergfell, Herbert F., River Forest, assignor, by mesne assignments, to Associated Laboratories, Inc., Chicago, Ill. Substation telephone set. 1,894,828; Jan. 17.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Calling device and calling device indicia ring support. 1,920,210; Aug. 1.
- Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone set. 1,935,912; Nov. 21.
- Obergfell, Herbert F., River Forest, and G. W. Bickenberg, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone substation apparatus. 1,935,913; Nov. 21.
- Oberherr, Hynek, Cleveland, Ohio, assignor to The American Artificial Marble Company. Artificial stone product and making same. 1,935,985; Nov. 21.
- Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 1,902,179; Mar. 21.
- Oberholtz, A., jr. (See Tydeman, Clarence W., assignor.)
- Oberhuber, William F., Drexel Hill, assignor to Franklin Development Company, Philadelphia, Pa. Cutter for condenser tubes. 1,922,630; Aug. 15.
- Oberle, Alfred, Kansas City, Mo. Producing carbonaceous material. 1,903,834; Apr. 18.
- Oberle, Alfred, Washington, D. C., assignor of one-half to Thomas E. Scofield, Kansas City, Mo. Purifying petroleum hydrocarbons. 1,893,438; Jan. 3.
- Oberlin, Max, Darmstadt, Germany. Production of phenylamino-alkyl-carbinols, which are substituted in the phenyl-nucleus. 1,898,258; Feb. 21.
- Oberly & Newell, 545 Pearl St. Corp. (See Ebert, Ludwig, assignor.)
- Obermaier, John A., Chicago, Ill. Pyrometer. 1,936,140; Nov. 21.
- Obermaier, Otto J., Neustadt-on-the-Hardt, Germany. Skewer for cross wound bobbins with spring locking caps. 1,916,069; June 27.
- Obermeyer, Joseph, New York, and A. Bostroem, Brooklyn, N. Y., assignors, by mesne assignments, to Faries Manufacturing Company, Decatur, Ill. Mounting light filter. 1,910,855; May 23.
- Oberphos Company, The. (See Ober, B., Pagon, Pruett, and Troxell, assignors.)
- Oberphos Company, The. (See Ober, B., and Wight, assignors.)
- Oberphos Company, The. (See Pagon, W. W., and Troxell, assignors.)
- Oberphos Company, The. (See Wight, Edward H., assignor.)
- Oberreit, Erwin. (See Schumann, C., Fick, and Oberreit.)
- Oberti, James M., San Francisco, Calif. Squeegee. 1,918,611; July 18.
- Oberti, James M., San Francisco, Calif. Window scaffold. 1,932,707; Oct. 31.
- Obidine, Wladimir J., Los Angeles, Calif. Speedometer stop mechanism. 1,922,319; Aug. 15.
- Obley, Elmer F. (See Allen, J. W. and Obley.)
- O'Brien, A. J. (See Lilley, Daniel G., assignor.)
- O'Brien, C. M., executrix. (See O'Brien, Glen O.)
- O'Brien, Daniel N., Asbton, R. I., assignor to Draper Corporation, Hopedale, Mass. Harness mechanism for a loom. 1,900,659; Mar. 7.
- O'Brien, Daniel W., Waltham, Mass. Plant cultivating and distributing apparatus and method. 1,912,914; June 6.
- O'Brien, Frank, Flint, assignor to General Motors Corporation, Detroit, Mich. Lathe. 1,916,581; July 4.
- O'Brien, Frank, Flint, assignor to General Motors Corporation, Detroit, Mich. Equalizing riveting machine. 1,937,908; Dec. 5.
- O'Brien, Frank J. (See Pahl, F. A., and O'Brien.)
- O'Brien, George R., Superior, Wis. Gauge rod wiper. 1,922,450; Aug. 15.
- O'Brien, Glen, deceased, Troy, Kans., by C. M. O'Brien, executrix. Portable cooling apparatus. 1,909,866; May 16.
- O'Brien, James A., Rosemont, assignor to The DeLong Hook and Eye Company, Philadelphia, Pa. Hairpin package. 1,895,005; Jan. 24.
- O'Brien, James F., Seattle, Wash. Manufacturing nitrocompounds. 1,922,709; Aug. 15.
- O'Brien, James F., Marysville, Calif. Cone brake. 1,931,901; Oct. 24.
- O'Brien, James R., Chicago, Ill., assignor, by mesne assignments, to Rubber Products Corporation, Dover, Del. Road marker. 1,896,641; Feb. 7.
- O'Brien, John J., assignor to Auto and Plane Engineering Company, Detroit, Mich. Liquid gauge. 1,898,848; Feb. 21.
- O'Brien, John R., New York, N. Y. Plumbing fixture. 1,911,285; May 30.
- O'Brien, Joseph F. (See Hecking, William A. S., assignor.)
- O'Brien, Joseph F. (See Vanorio, Joseph, assignor.)
- O'Brien, Michael, Chicago, Ill. Spinner sled. 1,899,103; Feb. 28.
- O'Brien, P. F. (See Sherry, Phillip G., assignor.)
- O'Brien, Philip L., Chelmsford, Mass. Collapsible pressure ring. 1,938,437; Dec. 5.
- O'Brien, Richard J., assignor to Waugh Equipment Co., Depew, N. Y. Journal cushion. 1,904,007; Apr. 18.
- O'Brien, Thomas D., Vancouver, British Columbia, Canada, assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. Re18,726; Jan. 31.
- O'Brien Varnish Company. (See Reece, Floyd M., assignor.)
- O'Brien, William J., Baltimore, Md., assignor to Glidden Company, Cleveland, Ohio. Pigment and producing the same. 1,894,931; Jan. 17.
- O'Brien, William J., Cleveland, Ohio, and J. E. Drapeau, jr., New York, N. Y., assignors to The Glidden Company, Cleveland, Ohio. Removing chlorine from zinc sulphate solutions. 1,901,925; Mar. 21.
- O'Brien, William J., Cleveland, Ohio, and J. E. Drapeau, jr., New York, N. Y., assignors to The Glidden Company, Cleveland, Ohio. Recovering zinc from brass scrap and other materials containing zinc. 1,922,390; Aug. 15.
- O'Brien, William L., and A. C. Zimmerman, assignors to The Duro Company, Dayton, Ohio. Tank for water softeners. 1,932,117; Oct. 24.
- O'Brien, Willis H., Los Angeles, Calif. Producing motion pictures. 1,897,673; Feb. 14.
- Obst, Elsa M. (See Weber, Erwin I., assignor.)
- Ocean City Manufacturing Co. (See Godhalk, C. A., Henke, and Belrsing, assignors.)
- O-Cedar Corp'n. (See Barton, Joseph W., assignor.)
- O-Cedar Corp'n. (See Hall, Edward B., jr., assignor.)
- Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Friction clutch. 1,930,319; Oct. 10.
- Och, Henry G., New York, and F. A. Hinshaw, St. Albans, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of electrical characteristics of transmission circuits and networks. 1,916,231; July 4.
- Ochel, Wilhelm, assignor to A. Borsig, G. m. b. H., Berlin-Tegel, Germany. Regulator for multistage compressor systems. 1,906,012; Apr. 25.
- Ochiltree, Ned A., assignor to W. H. Sommer, Peoria, Ill. Fence post. 1,894,783; Jan. 17.
- Ochse, William, San Antonio, Tex. Toothbrush holder. 1,935,781; Nov. 21.
- Ochse, William, San Antonio, Tex. Extension-shelving for display cabinets. 1,940,877; Dec. 26.
- Ochsenbein, Walter, Berne, Switzerland. Driving mechanism for counters. 1,932,908; Oct. 31.
- Ochtman, Leonard, jr., Plainfield, N. J., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Compressor. 1,892,786; Jan. 3.
- Ochtman, Leonard, jr., Plainfield, N. J., and R. C. Engelmann, Bradford, assignors to S. R. Dresser Manufacturing Company, Bradford, Pa. Rotary valve for compressors. 1,932,636; Oct. 31.
- Ochwat, Paul. (See Kranzlein, G., and Ochwat.)
- Ochwat, Paul. (See Kranzlein, G., Welde, and Ochwat.)
- Ocker, William C., Kelly Field, Tex. Training plane. 1,899,104; Feb. 28.
- Ockman, Tobias. (See Dreyfus, H., Ellis, Ockman, and Olpin.)
- Ockman, Tobias. (See Ellis, G. H., Ockman, and Olpin.)
- O'Connell, Dennis F. (See Parry, Robert E., assignor.)
- O'Connell, Walter J., Forest Hills, N. Y. Elevator guide. 1,931,237; Oct. 17.

- O'Connor, Arthur F., assignor to Equipment Specialties Company, Chicago, Ill. Support construction. 1,899,980; Mar. 7.
- O'Connor, Arthur F., assignor to Union Railway Equipment Company, Chicago, Ill. Draft gear support. 1,921,696; Aug. 8.
- O'Connor, Bernard A., and J. R. O'Sullivan, Kearney, N. J. Surgical instrument. 1,919,120; July 18.
- O'Connor, Bernard J., and J. J. Hannon, assignors to Steel and Tubes, Inc., Cleveland, Ohio. Device for cutting off tubing. 1,894,784; Jan. 17.
- O'Connor, Burdett H., Montclair, N. J. Shoe cleaning and polishing glove. 1,940,728; Dec. 26.
- O'Connor, Clara B., San Francisco, Calif. Vehicle. 1,898,567; Feb. 21.
- O'Connor, James J., and D. F. Morris, Chillicothe, assignors, by mesne assignments, to The Mead Corporation, Dayton, Ohio. Paper manufacture. 1,935,482; Nov. 14.
- O'Connor, John B. (See Bales, J. E., and O'Connor.)
- O'Connor, John B., assignor, by mesne assignments, to Lyon Metal Products, Incorporated, Aurora, Ill. Folding table. Re18,883; June 27.
- O'Connor, John B., assignor to Lyon Metal Products Incorporated, Aurora, Ill. Folding table top. 1,934,372; Nov. 7.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,897,584; Feb. 14.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Antifriction bearing. 1,897,585; Feb. 14.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,898,594; Feb. 21.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 1,899,522; Feb. 28.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 1,905,492; Apr. 25.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Car door construction. 1,908,532; May 9.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Swiveled coupler connection. 1,918,862; July 18.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,920,816; Aug. 1.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 1,921,578; Aug. 8.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,929,604; Oct. 10.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,939,826; Dec. 19.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Combined follower and coupler supporting means. 1,939,827; Dec. 19.
- O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 1,940,765; Dec. 26.
- O'Connor, Joseph B., Lawler, Iowa. Liquid dispenser. 1,938,151; Dec. 5.
- O'Connor, Louie R., and C. G. Starnes, Mount Vernon, Ga. Tire inflating device. 1,904,073; Apr. 18.
- O'Connor, Raymond L., Berkeley, Calif. Lifting tool. 1,934,876; Nov. 14.
- O'Connor, Thomas, Philadelphia, Pa. Pulp screen. 1,937,526; Dec. 5.
- Odda Smelteverk A. S. (See Johnson, Erling, assignor.)
- Odegard, Clifford A., Gonvick, Minn. Hitching device for tractors. 1,920,878; Aug. 1.
- Odell, Benjamin F. J., Chicago, Ill. Prepared fuel and producing it. 1,902,886; Mar. 28.
- Odell, Benjamin F. J., Chicago, Ill. Producing a prepared fuel. 1,922,391; Aug. 15.
- Odell, Edwin, Central City, Nebr. Emasculator. 1,930,320; Oct. 10.
- Odell, William W. (See Brown, R. L., and Odell.)
- Odell, William W., Chicago, Ill. Treating combustible gas. 1,925,151; Sept. 5.
- Odell, William W., Chicago, Ill. Purifying gas. 1,926,058; Sept. 12.
- Odell, William W., assignor to Columbia Engineering & Management Corporation, New York, N. Y. Making combustible gas. 1,930,442; Oct. 10.
- Odell, William W., assignor to Columbia Engineering & Management Corporation, New York, N. Y. Making combustible gas. 1,930,443; Oct. 10.
- Odell, William W., Pittsburgh, Pa. Making oxidation products. 1,939,018; Dec. 12.
- Oden, John M. (See Wallace, A. L., and Bergstrom, assignors.)
- Odenwaldt, Eugene W. (See Manske, F. A., Odenwaldt, and Gibson.)
- Odgers, Ernest B., Philadelphia, Pa. Glass cutter. 1,941,221; Dec. 26.
- Odum, Burrell F., Hazelhurst, Ga. Turpentine tin and nail puller. 1,898,849; Feb. 21.
- Odum, Garland G., Fort Stockton, Tex. Combination vanity case. 1,912,215; May 30.
- O'Donnell, Claude, assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Operating tool. 1,917,878; July 11.
- O'Donnell, Edward C. (See Templeton, Herbert J., assignor.)
- O'Donnell, Edward M., Galva, Iowa. Process and apparatus for polishing finger nails. 1,893,561; Jan. 10.
- O'Donnell, Elmer C., New York, N. Y. Signal device for vehicles. 1,896,495; Feb. 7.
- O'Donnell, John E., Yakima, Wash. Toothbrush. 1,935,099; Nov. 14.
- O'Donnell, John W., Salem, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Measuring machine. 1,940,766; Dec. 26.
- O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Liquid heating apparatus. 1,923,639; Aug. 22.
- O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Automatic lighter for gas ranges. 1,928,500; Sept. 26.
- Odum, George, Chicago, Ill. Valve facing apparatus. 1,937,240; Nov. 28.
- Oechsle, Joseph S., Philadelphia, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, New York, N. Y. Flexible coupling. 1,893,593; Jan. 10.
- Oechslin, Carl J., Ablon, France. Preparing aromatic amino derivatives of arsine and the product thereof. 1,909,498; May 16.
- Oeckinghaus, Rudolf, assignor to Immalin-Werke Chemische Fabrik Eisendrath G. m. b. H., Mettmann, Germany. Producing high-percent Caoutchouc solutions. 1,909,219; May 16.
- Oeding, Anthony A., Ferguson, Mo. Corrosion inhibiting compound. 1,925,672; Sept. 5.
- Oehlberg, Nicholas M., Chicago, Ill. Orthopedic device. 1,909,002; May 16.
- Oehler Machine Company. (See Schneider, Kurt, assignor.)
- Oehlsen, George W., jr., assignor to Stewart-Warner Corporation, Chicago, Ill. Radiocabinet. Des. 89,533; Mar. 21.
- Oehme, Hermann, assignor to Chemische Fabrik Kalk G. m. b. H., Cologne-Kalk, Germany. Vulcanized rubber composition and vulcanizing rubber. 1,900,728; Mar. 7.
- Oehme, Hermann, Cologne, assignor to Chemische Fabrik Kalk Gesellschaft mit beschränkter Haftung, Cologne-Kalk, Germany. Extraction of ethylene glycol or its homologues. 1,903,472; Apr. 11.
- Oehme, Hermann, Cologne-Kalk, and E. Herrmuth Cologne-Deutz, assignors to Chemische Fabrik Kalk Gesellschaft mit beschränkter Haftung, Cologne-Kalk, Germany. Manufacture of fertilizers. 1,930,883; Oct. 17.
- Oehmichen, Etienne, Valentigney, France. Cinematographic apparatus. 1,913,087; June 6.
- Oehmichen, Etienne E., Valentigney, France. Arrangement of sustaining propellers in aerial navigation machines. 1,919,121; July 18.
- Oehrl, Ernest A., Grand Rapids, Mich. Spring and mattress construction. 1,903,224; Mar. 28.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Antifriction wheel and axle construction. 1,902,910; Mar. 28.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Lubricating means for car axles. 1,930,689; Oct. 17.
- Oelkers, Alfred H., assignor, to American Steel Foundries, Chicago, Ill. Adjusting tool for roller-bearing wheels and axle assemblies and the like. 1,930,690; Oct. 17.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Lateral motion journal box. 1,937,293; Nov. 28.
- Oenslager, George, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber product and making the same. 1,925,879; Sept. 5.
- Oerlebeck, Wilbur H., assignor to The Stearns & Foster Company, Lockland, Ohio. Mattress manufacture. 1,935,275; Nov. 14.
- Oertli, Josua, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Apparatus for passing articles suspended from supporting devices through baths. 1,921,206; Aug. 8.
- Oesch, Joseph B. (See Gubelmann, I., and Oesch.)
- Oesch, Joseph B. (See Murphy, A. R., and Oesch.)
- Oeschger, Eugene R. (See Blattner, E. H., and Oeschger.)
- Oechsle, Joseph S., Philadelphia, Pa., assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, New York, N. Y. Speed regulating device. 1,932,118; Oct. 24.
- Oesterlein, Charles D., and C. F. Littellmann, assignors, by mesne assignments, to Washington Bank and Trust Company, Cincinnati, Ohio. Milling machine. 1,925,599; Sept. 5.
- Oesterlin, Hubert. (See Streitwolf, K., and Fehrlie, and Oesterlin.)
- Oesterreicher, Sander I., assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Protective inclosure for reactors and similar apparatus. 1,899,981; Mar. 7.
- Oesterreichische Brown-Boveri Werke A. G. (See Latzko, J., and Plechl, assignors.)
- Oesterreichische Schmidtstahlwerke A. G. (See Klüger, Leo, assignor.)
- Oestman, Charles E., and S. W. Nelson, Hinsdale, Ill. Mail box. 1,908,173; May 9.
- Oestnaes, Victor L., Westfield, and R. W. Luce, Mountain-side, assignors to American Gasaccumulator Company, Elizabeth, N. J. Signal-light reflector. Re18,937; Sept. 5.

- Oestnaes, Victor L., Westfield, and R. W. Luce, Mountain-side, assignors to American Gasaccumulator Company, Elizabeth, N. J. Supporting means for reflectors and like devices. 1,922,819; Aug. 15.
- Oestreich, Albert R., Coleraine, Minn. Card holder. 1,893,594; Jan. 10.
- Oestricher, Henry G., Los Angeles, Calif. Voltage amplifier. 1,903,654; Apr. 11.
- Oetken, Friedrich A., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Concentrating liquids. 1,927,555; Sept. 19.
- Oetken, Friedrich A., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Furnace for burning refuse. 1,933,025; Oct. 31.
- Oetker, Rudolf. (See Vopel, J., and Oetker.)
- Oetzel, George, Oakland, Calif., assignor to Fairbanks, Morse & Co., Chicago, Ill. Governor. 1,919,449; July 25.
- Oexmann, Heinrich, Berlin-Lichterfelde, Germany. Decorating buttons. 1,920,317; Aug. 1.
- Ofeldt, Ernest G., Nyack, N. Y. Pump. 1,936,853; Nov. 28.
- Ofeldt, Frank W., McKeesport, Pa. Fluid handling device. 1,925,457; Sept. 5.
- Ofeldt, Frank W., McKeesport, Pa. Handling liquid. 1,925,643; Sept. 5.
- Offen, Clifford G., Portland, Maine, assignor to Brown Company, Berlin, N. H. Magazine spooling mechanism. 1,918,285; July 18.
- Offerman, Louis, Brooklyn, N. Y. Cigarette holder. 1,896,463; Feb. 7.
- Office General des Specialites Automobiles. (See Binay, Robert H. M. L., assignor.)
- Oford, Harold R., and G. R. Van Atta, Berkeley, Calif. Plant killer. 1,913,141; June 6.
- Ofutt, James S. (See King, G. D., and Ofutt.)
- Ofutt, James S., assignor to United States Gypsum Company, Chicago, Ill. Plaster composition. 1,897,956; Feb. 14.
- Ofutt, James S., assignor to United States Gypsum Company, Chicago, Ill. Acoustical plaster. 1,900,866; Mar. 7.
- Ofutt, John W., Ellwood City, Pa., assignor to National Tube Company. Heating furnace. 1,895,726; Jan. 31.
- Ofedal, Philip R., Chicago, Ill. Weatherstrip. 1,928,948; Oct. 3.
- Ogburn, Ralph B., Walkertown, N. C. Extension table. 1,939,515; Dec. 12.
- Ogden, Alexander B., Ridgefield Park, N. J. Combination of wall shelf and hanger supported therewith. Des. 90,164; June 20.
- Ogden, Alfred, Pawtucket, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated. Spool display device. 1,930,321; Oct. 10.
- Ogden, Ashley G., Baltimore, Md., assignor to General Printing Ink Corporation, New York, N. Y. Photoprinting. 1,893,439; Jan. 3.
- Ogden, Clarence E., Cincinnati, Ohio, assignor, by mesne assignments, to The Union Switch & Signal Company. Operating dry disk rectifiers at capacities greater than normal. 1,905,740; Apr. 25.
- Ogden, Dana P., Ottawa, assignor of one-half to E. F. Plumb, Streator, Ill. Fan. 1,909,885; May 16.
- Ogden, J. Edward, Company. (See Armie, Roy A., assignor.)
- Ogden, J. Edward, Company. (See McIntosh, Roy E., assignor.)
- Ogden, J. Edward, Company. (See McIntosh, R. E., and Noonan, assignors.)
- Ogden, J. Edward, Company. (See Noonan, Thomas J., assignor.)
- Ogden, J. Edward, Company. (See Tomkinson, Charles C., assignor.)
- Ogden, Jacob W. (See Wheeler, W. H., jr., and Ogden.)
- Ogden, Jacob W., Springdale, and B. Knauer, East Norwalk, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Setting and locking mechanism for printing devices of postage meters. 1,904,626; Apr. 18.
- Ogden, John J., Memphis, Tenn. Surgical knife. 1,914,153; June 13.
- Ogden, Robert D., Hale, England. Implement for playing an improved game of skill. 1,930,281; Oct. 10.
- Ogg, Robert A., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance device. 1,929,446; Oct. 10.
- Ogg, William, and L. A. Storz, Worcester, Mass. Golf club and manufacture of the same. 1,917,774; July 11.
- Ogg, William A., Newton, Mass. Effecting endothermic reactions. 1,925,458; Sept. 5.
- Ogilvie, George E., Westmoreland, Pa., assignor to Hockensmith Wheel & Mine Car Company. Dumping body. 1,902,093; Mar. 21.
- Ogilvie, James. (See Rogers, D. G., Ogilvie, and Crowell.)
- Ogilvie, James. (See Woods, P. B., Ogilvie, and Kranz.)
- Ogle, Charles R., Belleville, Ill., assignor to Trav-Ler Manufacturing Corp., St. Louis, Mo. Indicating tones by color. 1,898,642; Feb. 21.
- Oglesbee, Wendell A., Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Tap-changer control system. 1,909,068; May 16.
- O'Gorman, William F., New York, assignor to Hyman Myron, Brooklyn, N. Y. Attachment for mechanical hammers or the like. 1,915,071; June 20.
- O'Grady, Daniel J., Long Beach, Calif. Drill string coupling. 1,908,174; May 9.
- O'Grady, Joseph A., Baltimore, Md. Milk bottle lock. 1,929,211; Oct. 3.
- Ogsbury, James S., Dayton, Ohio, and F. M. Carroll, Yonkers, assignors to The Tabulating Machine Company, Endicott, N. Y. Printing device for tabulating machines. 1,916,985; July 4.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,905,186; Apr. 25.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Ascertaining the integrity of two line conductors. 1,909,711; May 16.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit. 1,914,958; June 20.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 1,932,022; Oct. 24.
- O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway light signal. 1,940,916; Dec. 26.
- O'Halloran, Edmund H. J., Bexley, near Sydney, New South Wales, Australia. Support for curtains and other light articles. 1,924,074; Aug. 22.
- O'Hara, Charles G., Norristown, Pa. Conveyer device. 1,921,771; Aug. 8.
- O'Hare, John, Chicago, Ill. Motor controlled steering mechanism. 1,920,583; Aug. 1.
- O'Harra, Berry M. (See Rose, C. A., and O'Hara.)
- O'Heir, Octavian G. I., Lowell, Mass. Spring door and window check. 1,918,924; July 18.
- Ohio Art Company, The. (See Winzeler, Henry S., assignor.)
- Ohio Brass Company, The. (See Austin, Arthur O., assignor.)
- Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
- Ohio Brass Company, The. (See Dippman, Fred R., assignor.)
- Ohio Brass Company, The. (See Higgins, Ralph, assignor.)
- Ohio Brass Company, The. (See Hillebrand, William A., assignor.)
- Ohio Brass Company, The. (See Larsson, Ernst A., assignor.)
- Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
- Ohio Brass Company, The. (See Mead, George A., assignor.)
- Ohio Brass Company, The. (See Moore, Edgar D., assignor.)
- Ohio Brass Company, The. (See Smith, William A., assignor.)
- Ohio Brass Company, The. (See Taylor, John J., assignor.)
- Ohio Brass Company, The. (See Way, Clarence J., assignor.)
- Ohio Brass Company, The. (See Wolf, Fred L., assignor.)
- Ohio Carbon Company, The. (See Graf, Robert E., assignor.)
- Ohio Foundry Company, The. (See Trenkamp, Henry, jr., assignor.)
- Ohio Foundry Company. (See Winkler, John, assignor.)
- Ohio Injector Company, The. (See Allen, Charles B., assignor.)
- Ohio Injector Company of Illinois, The. (See Edwards, Frank W., assignor.)
- Ohio Injector Company of Illinois, The. (See Edwards, F. W., and Barker, assignors.)
- Ohio Injector Company of Illinois, The. (See Edwards, F. W., and Farnsworth, assignors.)
- Ohio Instrument Manufacturing Company, The. (See Bates, Charles F. W., assignor.)
- Ohio Machine Tool Company, The. (See Davis, Cecil J., assignor.)
- Ohio Match Company, The. (See Parker, Lucian E., assignor.)
- Ohio Parts Company, The. (See Terrell, Harold C., assignor.)
- Ohio & Pennsylvania Coal Company, The. (See Nelms, Joseph C., assignor.)
- Ohio Power Shovel Company, The. (See Haines, Homer B., assignor.)
- Ohio Power Shovel Company. (See Rauch, John D., assignor.)
- Ohio Rubber Company, The. (See Bronson, Budd, assignor.)
- Ohio Rubber Company, The. (See Cavanagh, G. F., and Schultz, assignors.)
- Ohio Rubber Company, The. (See Cavanagh, G. F., and Winegar, assignors.)
- Ohio Rubber Company, The. (See Marbach, E. R., and Cavanagh, assignors.)
- Ohio Rubber Company, The. (See Qualey, W., and Tyrrell, assignors.)
- Ohio Seamless Tube Company. (See Inscho, Sidney D., assignor.)
- Ohio Truss Company, The. (See Hoier, Ella, assignor.)
- Ohio Truss Company, The. (See Pease, Isaac M., assignor.)
- Ohio Truss Company, The. (See Powers, George M., assignor.)
- O'Hira, William S. (See Shiraishi, H., and O'Hira.)

- Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating device. 1,896,785; Feb. 7.
- Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 1,922,059; Aug. 15.
- Ohl, Russell S., Little Silver, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 1,933,680; Nov. 7.
- Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 1,940,097; Dec. 19.
- Ohler, Frank L., assignor to The Houghton Elevator and Machine Company, Toledo, Ohio. Safety device for elevators. 1,923,683; Aug. 22.
- Ohlis, Julius J. (See Old, James H., assignor.)
- Ohlis, Julius J., Oak Park, Ill. Paneling structure. 1,940,968; Dec. 26.
- Ohlson, Olof, Newton, Mass. Pressure gauge. 1,921,001; Aug. 8.
- Ohmer Fare Register Company. (See Bell, Samuel J., assignor.)
- Ohmer Fare Register Company. (See Coil, Grover C., assignor.)
- Ohmer Fare Register Company. (See Long, Robert B., assignor.)
- Ohmer Fare Register Company. (See Maley, Thomas C., assignor.)
- Ohmer Fare Register Company. (See Ohmer, F. L., and Tingley, assignors.)
- Ohmer Fare Register Company. (See Ohmer, John F., jr., assignor.)
- Ohmer Fare Register Company. (See Ohmer, J. F., and Wheelbarger, assignors.)
- Ohmer Fare Register Company. (See Paden, William L., assignor.)
- Ohmer Fare Register Company. (See Tingley, Bruce H., assignor.)
- Ohmer Fare Register Company. (See Vlahov, George, assignor.)
- Ohmer Fare Register Company. (See Wheelbarger, A. S., and Coil, assignors.)
- Ohmer, Frederick L., and B. H. Tingley, assignors to Ohmer Fare Register Company, Dayton, Ohio. Pencil controlling means for a speed recorder. 1,909,310; May 16.
- Ohmer, John F., jr., Los Angeles, Calif., assignor to Ohmer Fare Register Company, Dayton, Ohio. Depth counter. 1,915,798; June 27.
- Ohmer, John F., R. B. Long, and H. W. Baker, assignors to Ohmer Fare Register Company, Dayton, Ohio. Printing register. 1,924,565; Aug. 29.
- Ohmer, John F., and A. S. Wheelbarger, assignors to Ohmer Fare Register Company, Dayton, Ohio. Interlocking mechanism. 1,932,670; Oct. 31.
- Ohno, Kunimitsu, Shibuya-Machi, Toyotama-Gun, Tokyo-Fu, Japan. Terrestrial globe. 1,926,787; Sept. 12.
- Ohnsorg, Charles R., assignor of one-half to Josie Ohnsorg, New York, N. Y. Rotary wing aircraft propeller. 1,904,746; Apr. 18.
- Ohnsorg, Josie. (See Ohnsorg, Charles R., assignor.)
- Öhrström, Wilhelm, assignor to Firma J. Agreus, Stockholm, Sweden. Holder, particularly for socks or stockings. 1,913,507; June 13.
- Ohta, Joe Yoneo, Terminal Island, Calif. Signal. 1,900,845; Mar. 7.
- Oil City Iron Works. (See Brewster, Harry C., assignor.)
- Oil City National Bank, The. (See Yates, Paul, assignor.)
- Oil Corporation of America. (See Darlington, Homer T., assignor.)
- Oil Country Specialties Mfg. Co., The. (See Brown, Douglas R., assignor.)
- Oil Country Specialties Mfg. Co. (See Stanley, Fred D., assignor.)
- Oil Engine Development Company. (See Cummins, Clesie L., assignor.)
- Oil Equipment Laboratories, Inc. (See Rodler, Hilmer F., assignor.)
- Oil Field Appliance Company. (See Parkin, Henry W., assignor.)
- Oilfield Salvage Company. (See Hodges, Lester E., assignor.)
- Oilgear Company, The. (See Clute, D., and Sterling, assignors.)
- Oilgear Company, The. (See Douglas, James K., assignor.)
- Oilgear Company, The. (See Ferris, John P., assignor.)
- Oilgear Company, The. (See Ferris, John P. and W., assignors.)
- Oilgear Company, The. (See Ferris, Walter, assignor.)
- Oilgear Company, The. (See Ferris, W., and Douglas, assignors.)
- Oilgear Company, The. (See Ferris, W., and Macomber, assignors.)
- Oilgear Company, The. (See Ferris, J. P., Clute, and Wiedmann, assignors.)
- Oilgear Company, The. (See Macomber, Glen, assignor.)
- Oilgear Company, The. (See Wiedmann, Ernst, assignor.)
- Oil Reclamation Company. (See Main, John S., assignor.)
- Oil Well Engineering Company. (See Cuthill, James, assignor.)
- Oil Well Supply Company. (See Greve, Edgar E., assignor.)
- Oil Well Supply Company. (See Mack, Patrick H., assignor.)
- Oil Well Supply Company. (See Shimer, John M., assignor.)
- Oisheil, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Dual wiper parking windshield cleaner. 1,937,160; Nov. 28.
- Oisheil, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Rear view mirror mounting. 1,938,541; Dec. 5.
- Oisheil, John R., Buffalo, and E. C. Horton, Hamburg assignors to Trico Products Corporation, Buffalo, N. Y. Automatic windshield cleaner. 1,912,994; June 6.
- Oisheil, John R., and E. V. Schaal, assignors to Trico Products Corporation, Buffalo, N. Y. Rear vision mirror support. 1,938,350; Dec. 5.
- Okadee Company, The. (See Ayers, Augustine R., assignor.)
- Okadee Company, The. (See Ploen, Curtis W., assignor.)
- O'Kane, John P., and T. E. Bancroft, Huron, S. Dak. Trestle bracket. 1,908,858; May 16.
- Okazaki, Naotaro, Yokohama, assignor to Furukawa Denikogyo Kabushiki Kaisha, Tokyo, Japan. Multi-core cable with cradle. 1,940,017; Dec. 26.
- O'Keefe, Cornelius P. (See Mallette, L. R., and O'Keefe.)
- O'Keefe, George W., Milton, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch and contact structure therefor. 1,895,767; Jan. 31.
- O'Keefe, George W., Milton, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Thermal relay. 1,910,494; May 23.
- Okerberg, Luther C., Elk City, Okla. Printing press roller. 1,901,818; Mar. 14.
- Okill, John, Birkenhead, England. Device for measuring and indicating fluid pressures. 1,904,747; Apr. 18.
- Okonite-Callender Cable Company, The. (See Stevens, Donald R., assignor.)
- Okonite Company, The. (See Bennett, Charles E., assignor.)
- Okonite Company, The. (See Brodhun, Carl P., assignor.)
- O'Koomian, Charles H., Auburn, R. I. Ornamental tile and the mounting thereof. 1,940,141; Dec. 19.
- Oksenholt, Jens N., Boyce, La., assignor of one-eighth to L. C. Jeffries, San Antonio, Tex. Core barrel. 1,909,187; May 16.
- Okun, Joseph H., Brooklyn, assignor to Kny-Scheerer Corporation, New York, N. Y. Sterilizer valve. 1,925,931; Sept. 5.
- Okun, Nathaniel N., Bronx, N. Y. Fuse. 1,932,937; Oct. 31.
- Okun, Nathaniel N., assignor to J. T. Swanson Company, Inc., New York, N. Y. Covering for sanding-drums. 1,936,482; Nov. 21.
- Okura, Teichiro. (See Uda, S., and Okura.)
- Olander, Leonard G., assignor to Monomelt Company, Minneapolis, Minn. Auxiliary melting pot. 1,914,579; June 26.
- Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 1,928,027; Sept. 26.
- Olandt, Robert H., Long Island City, N. Y. Fuse plug. 1,922,820; Aug. 15.
- Olas, Ludwig, Vienna, Austria. Saw sharpening tool. 1,906,881; May 2.
- O'Laughlin, James J. (See Thomsen, J. E., and O'Laughlin.)
- Olcott, Clarence E. (See Harvey, L. W., Olcott, and Robertson.)
- Old, Charles A. (See Borroughs, J. N., and Old.)
- Old, James H., Forest Park, assignor of one-half to J. J. Ohlis, Chicago, Ill. Shield for skylight, floor light, and vault light structures. 1,893,101; Jan. 3.
- Old, James H., Forest Park, assignor of one-half to J. J. Ohlis, Chicago, Ill. Floor light, vault light, and roof light construction. 1,917,808; July 11.
- Old Bangor Slate Company, The. (See Coffin, G. F., and Focht, assignors.)
- Oldberg, Virgil, Detroit, Mich. Muffler. 1,938,973; Dec. 12.
- Oldberg, Virgil, assignor to Oldberg Manufacturing Company, Detroit, Mich. Assembly machine and method. 1,907,656; May 9.
- Oldberg Manufacturing Company. (See Oldberg, Virgil, assignor.)
- Oldberg, Virgil, assignor to Oldberg Manufacturing Company, Detroit, Mich. Bushing. 1,938,974; Dec. 12.
- Old Colony Distributing Company. (See Everett, H. C., jr., and Migliaccio, assignors.)
- Old Colony Trust Company. (See McLaurin, William W., assignor.)
- Old Colony Trust Company. (See Spaeth, C., and Peary, assignors.)
- Old Colony Trust Company, trustee. (See Spencer, Percy L., assignor.)
- Olde Homestead Products Co. (See Bragger, William J., assignor.)
- Oldenburg, Alfred, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric tool with an electric motor mounted in the handle. 1,892,997; Jan. 3.

- Oldenburg, Alfred, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Protection for armature windings. 1,904,514; Apr. 18.
- Oldenburg, Alfred, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Commutator. 1,907,561; May 9.
- Oldenbusch, Ernest, jr., Rockville Center, N. Y. Adjustable book end-holder. 1,923,996; Aug. 22.
- Older, Clifford, Wilmette, Ill. Expansion joint, method and apparatus for the installation of the same. 1,903,608; Apr. 11.
- Older, Clifford, Wilmette, Ill. Expansion joint for pavement and the like. 1,918,554; July 18.
- Oldham, Inez M., Chicago, Ill. Portable window cleaner. 1,914,755; June 20.
- Oldham, John M., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 1,897,396; Feb. 14.
- Oldham, John M., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Machine for forming offsets in springs. 1,909,499; May 16.
- Oldham, Samuel R., Chicago, Ill., assignor to The Oxweld Railroad Service Company. Torch holding and adjusting mechanism. 1,941,184; Dec. 26.
- Oldham, Samuel, Chicago, and F. C. Hasse, La Grange, Ill., assignors to The Oxweld Railroad Service Company. Rail joint parting grinder. 1,937,664; Dec. 5.
- Oldham, Samuel R., Chicago, and F. C. Hasse, La Grange, Ill., assignors to The Oxweld Railroad Service Company. Portable rail grinding machine. 1,937,665; Dec. 5.
- Olds, Marshall, Mountainside, N. J. Container and handling cargo by such containers. 1,900,867; Mar. 7.
- O'Leary Mildred G., Spokane, Wash. Confection. Des. 90,591; Aug. 29.
- Olefsky, Max, and I. Kaufman, Brooklyn, N. Y. Guard. 1,931,391; Oct. 17.
- Olenik, Jacob L., New York, N. Y. Sponge-holder for surgical use. 1,913,770; June 13.
- Oleson, Wrisley B., Glen Ellyn, assignor to Allen B. Wrisley Company, Chicago, Ill. Soap cake. Des. 89,352; Feb. 28.
- Olevin, Adolph, Bronx, N. Y. Threadless fitting conduit. 1,904,627; Apr. 18.
- Olf, John R. (See Folsom, E. C., and Olf.)
- Olin, Franklin W. and J. M., and R. G. Clyne, Alton, assignors to Western Cartridge Company, East Alton, Ill. Method and apparatus for determining the interior ballistic characteristics of fixed ammunition. 1,922,320; Aug. 15.
- Olin, John M. (See Olin, Franklin W. and J. M., and Clyne.)
- Olin, Robert R., assignor of one-half to C. P. Hall, Akron, Ohio. Rubber compounding. 1,912,591; June 6.
- Olinger, Jean B., Milwaukee, Wis. Synchronizing and control mechanism for sound and motion picture apparatus. 1,899,048; Feb. 28.
- Oliver, Anthony F. (See Palmer, R. C., Burda, and Oliver.)
- Oliver, Campbell H., Hibbing, Minn. Brake testing instrumentality. 1,900,581; Mar. 7.
- Oliver, Chauncey B., Oak Park, Ill., and V. E. Vallet, Detroit, Mich., assignors, by mesne assignments, to Oliver United Filters Inc., San Francisco, Calif. Apparatus and process for making cement. 1,893,522; Jan. 10.
- Oliver, David, Berlin, and M. Pokorny, Hamburg-Lokstedt, Germany. Door. 1,913,285; June 6.
- Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)
- Oliver Farm Equipment Company. (See Altgelt, H. E. and R. J., assignors.)
- Oliver Farm Equipment Company. (See Dewend, William D., assignor.)
- Oliver Farm Equipment Company. (See Eggen, Oscar E., assignor.)
- Oliver Farm Equipment Company. (See Schoenrock, Otto R., assignor.)
- Oliver Iron & Steel Corporation. (See Fassinger, Charles, assignor.)
- Oliver, James H., Aldan, Pa., assignor to General Electric Company. Storage battery voltage regulator. 1,905,741; Apr. 25.
- Oliver, James O., New York, N. Y. Plastering support. 1,904,245; Apr. 18.
- Oliver, John G. (See Kylin, Oskar, assignor.)
- Oliver, John R., Medfield, assignor to Reece Shoe Machinery Company, Boston, Mass. Press. 1,916,280; July 4.
- Oliver, Leslie W. (See Becker, W. T. L., and Oliver.)
- Oliver, Leslie W. (See Spencer, D. A., Murray, and Oliver.)
- Oliver, Ruth, assignor to L. B. Koch, New York, N. Y. Paper container. 1,903,632; Apr. 11.
- Oliver, Ruth, New York, N. Y., assignor to Incorporated Paper Industries. Paper bottle. 1,918,925; July 18.
- Oliver, Ruth, assignor to L. B. Koch, New York, N. Y. Paper container. 1,919,569; July 25.
- Oliver, Ruth, and G. R. Penn, New York, assignors to Oswego Falls Corporation, Fulton, N. Y. Nesting container and making the same. 1,936,521; Nov. 21.
- Oliver, Samuel J., East Orange, N. J. Upholstery and drapery fabric. Des. 91,082; Nov. 21.
- Oliver United Filters Inc. (See Borden, John F., assignor.)
- Oliver United Filters, Inc. (See Coulson, Donald C., assignor.)
- Oliver United Filters Inc. (See Crumb, Carlton W., assignor.)
- Oliver United Filters Inc. (See Hillier, Gerald O., assignor.)
- Oliver United Filters Inc. (See Oliver, C. B., and Vallet, assignors.)
- Oliver United Filters Inc. (See Stanley, Carroll M., assignor.)
- Oliver, Vaughn G., Birmingham, Ala. Pole gaining machine. 1,919,249; July 25.
- Olivet, Louis V., Philadelphia, Pa. Antirattling hinge. 1,936,769; Nov. 28.
- Olivier, Jules A., Detroit, Mich., assignor to Dietrich, Incorporated. Completely convertible car. 1,907,562; May 9.
- Olivier, Jules A., Detroit, Mich., assignor to Dietrich, Incorporated. Vehicle body door construction. 1,907,563; May 9.
- Ollendorff, Gerhard, Wolfen, near Bitterfeld, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Photographic roll film spool. 1,903,937; Apr. 18.
- Olley, Maurice, Detroit, Mich., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,928,223; Sept. 26.
- Olley, Maurice, Detroit, Mich., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,930,282; Oct. 10.
- Olley, Raymond H., Syracuse, N. Y., and S. W. Borden, assignors, by mesne assignments, to S. W. Borden, Summit, N. J. Grounding device. 1,913,562; June 13.
- Olley, Raymond H., Syracuse, N. Y., and S. W. Borden, assignors, by mesne assignments, to S. W. Borden, Summit, N. J. Grounding device. 1,914,381; June 20.
- Ollinger, William J. (See Van Maldeghe, D., and Ollinger.)
- Olmo, Enrico, assignor to Guido Santagostino, Milan, Italy. Device for automatic mooring and dephthaking under water of buoys, mines, and other apparatus. 1,910,998; May 23.
- Olmosted, Russell C., Cliffside, N. J. Concrete building. 1,924,801; Aug. 29.
- Olney, George J., Westerville, N. Y. Gravity operating device for sorting fruits or vegetables. 1,899,632; Feb. 28.
- Olney, George J., Westerville, N. Y. Device for arranging and feeding string beans or the like. 1,931,114; Oct. 17.
- Olney, Harry B., assignor to C. M. Reed, East Chicago, Ind. Concrete wall and building and finishing same. 1,924,724; Aug. 29.
- Olofson, Carl F. E. (See Lindstrom, Nils O., assignor.)
- Olofson, Carl F. E., West Orange, N. J., assignor to A. B. See Elevator Company, Inc. Motor control. 1,909,886; May 16.
- Olofson, Carl F. E., West Orange, and N. O. Lindstrom, Nutley, N. J., assignors to A. B. See Elevator Company, Inc. Electric elevator system. 1,905,742; Apr. 25.
- Olpin, Henry C. (See Dreyfus, H., Ellis, Ockman, and Olpin.)
- Olpin, Henry C. (See Ellis, G. H., and Olpin.)
- Olpin, Henry C. (See Ellis, G. H., Olpin, and Kirk, assignors.)
- Olpin, Henry C. (See Ellis, G. H., Olpin and Miller, assignors.)
- Olpin, Henry C. (See Ellis, G. H., Olpin, and Storey.)
- Olpin, Henry C. (See Mosby, D. H., Olpin, and Ellis.)
- Olsen, Andrew, Jr., and R. W. Robinson, San Francisco, Calif. Candy box. 1,898,208; Feb. 21.
- Olsen, Arthur J., assignor to Permo Products Corporation, Chicago, Ill. Needle. 1,914,659; June 20.
- Olsen, Edwin B., Yonkers, N. Y. Razor and strop. 1,940,266; Dec. 19.
- Olsen, Ewald B., Brooklyn, N. Y. Clothesline supporting device. 1,898,788; Feb. 21.
- Olsen, Friedrich, Dover, N. J. Purification of nitrocellulose. 1,893,677; Jan. 10.
- Olsen, Henry, Minneapolis, Minn. Bottle receiving and coin dispensing device. 1,901,528; Mar. 14.
- Olsen, Henry, Minneapolis, Minn. Coin handling machine. 1,901,529; Mar. 14.
- Olsen, Henry E. (See Lloyd, L. T., and Olsen.)
- Olsen, John, administrator. (See Hentschel, Ernest R.)
- Olsen, John J., Cleveland, Ohio. Rope holder. 1,895,395; Jan. 24.
- Olsen, Marlow W., Harlan, Iowa, and H. T. Baker, New Brunswick, N. J. Egg supporting and turning device during incubation. 1,917,389; July 11.
- Olsen, Robert E. (See Johnson, C., and Olsen.)
- Olsen, Thorleif. (See Chinell, H., Johnson, Olsen, and Farrell.)
- Olsen, Walter, assignor to American Gas Machine Company, Albert Lea, Minn. Fuel-feeding mechanism for burners. 1,935,410; Nov. 14.
- Olson, Alex H. (See Droll, J. W., and Olson.)
- Olson, Alex H., Evanston, Ill., assignor to J. W. Droll, Chicago, Ill. Propeller wheel for fans. 1,919,250; July 25.
- Olson, Alice M. (See Olson, Thorwald E., assignor.)
- Olson, Andrew. (See Tufts, L. R., and Olson.)
- Olson, Arthur E., Clarks, Nebr. Corn tipper and butter. 1,894,493; Jan. 17.

- Olson, Axel E., Brainerd, Minn. Clamp clothespin. 1,899,982; Mar. 7.
- Olson Brothers Saw Manufacturing Company. (See Anderson, Emil, assignor.)
- Olson Bros. Saw Manufacturing Co. Inc. (See Olson, William, assignor.)
- Olson, Carl A., assignor, by mesne assignments, to Lisle Corporation, Clarinda, Iowa. Cylinder ridge reamer. 1,927,594; Sept. 19.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Locking device. 1,896,679; Feb. 7.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock nut. 1,899,715; Feb. 28.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Screw locking element. 1,900,195; Mar. 7.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Hob grinding machine. 1,901,926; Mar. 21.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,901,927; Mar. 21.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,909,475; May 16.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,911,384; May 30.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Forming terminal rivets. 1,912,653; June 6.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Making lock washers. 1,915,612; June 27.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,916,525; July 4.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer with keys. 1,916,526; July 4.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer assembly. 1,924,695; Aug. 29.
- Olson, Carl G., assignor to Shakesproof Lock Washer Company, Chicago, Ill. Lock washer. 1,933,871; Nov. 7.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Hob grinder. 1,933,872; Nov. 7.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,938,399; Dec. 5.
- Olson, Carl G., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Set screw. 1,940,878; Dec. 26.
- Olson, Carl O., New York, N. Y. Shoe stretcher. 1,921,093; Aug. 8.
- Olson, Carl V. (See Pomeroy, R. J., and Olson.)
- Olson, Charles A., Geneva, assignor to Crane Co., Chicago, Ill. Sectional boiler. 1,900,947; Mar. 14.
- Olson, Charles A., Geneva, assignor to Crane Co., Chicago, Ill. Radiator with integral fins. 1,918,211; July 11.
- Olson, Charles A., Geneva, assignor to Crane Co., Chicago, Ill. Joint for heater coils. 1,921,259; Aug. 8.
- Olson, Charles A., Geneva, and J. P. Magos, assignors to Crane Co., Chicago, Ill. Sectional boiler. 1,898,096; Feb. 21.
- Olson, Charles A., Geneva, and J. P. Magos, assignors to Crane Co., Chicago, Ill. Radiator. 1,927,002; Sept. 12.
- Olson, Charles S., Duluth, Minn. Fountain cleaning instrument. 1,906,485; May 2.
- Olson, Charles S., Duluth, Minn. Fountain brush. 1,939,516; Dec. 12.
- Olson, Charles S., Duluth, Minn., and E. J. De Right, Kansas City, Mo. Cable splicing tool. 1,915,691; June 27.
- Olson, Charles W., Cleveland Heights, Ohio, assignor of one-half to H. A. Tomkins, Jackson, Mich. Hydraulic chuck. 1,924,109; Sept. 5.
- Olson, Cyrus H., Duluth, Minn. Tractor shoe. 1,908,045; May 9.
- Olson, Edgar T., New York, N. Y. Preparation of aromatic aldehydes. 1,935,914; Nov. 21.
- Olson, Edward M., Detroit, Mich. Roof structure. 1,897,327; Feb. 14.
- Olson, Einar. (See Ford, J. C., and Olson.)
- Olson, Frederick B. (See Hoyle, A. D., and Olson.)
- Olson, Glen J. (See Lindgren, A. C., and Olson.)
- Olson, Gunnard R. (See Wiley, R. E., and Olson.)
- Olson, Gusten, Medford, Mass. Bearing. 1,894,414; Jan. 17.
- Olson, Harry F., New York, and B. Kreuzer, Rockaway Park, N. Y., assignors to Radio Corporation of America. System for the conversion and transfer of energy. 1,897,732; Feb. 14.
- Olson, John, administrator. (See Hentschel, Ernest R.)
- Olson, John A., Cleveland, Ohio. Fluid sealing means. Re18,820; May 2.
- Olson, John A., assignor to R. M. Olson, Cleveland, Ohio. Improved mechanical cylinder. 1,939,788; Dec. 19.
- Olson, John B., assignor to James Manufacturing Company, Fort Atkinson, Wis. Poultry waterer. 1,929,789; Oct. 10.
- Olson, John B., assignor to James Manufacturing Company, Fort Atkinson, Wis. Stanchion locking mechanism. 1,929,790; Oct. 10.
- Olson, John B., assignor to James Manufacturing Company, Fort Atkinson, Wis. Chicken feeder. 1,933,926; Nov. 7.
- Olson, John O., St. Paul, Minn. Manufacturing heat exchangers. 1,925,967; Sept. 5.
- Olson, Leonard, Minneapolis, Minn. Tool box cabinet. 1,932,045; Oct. 24.
- Olson Manufacturing Company. (See Hanson, Casper F., assignor.)
- Olson Manufacturing Company. (See Slevert, Harold W., assignor.)
- Olson, Nels A., Scandia, Minn. Spare-tire carrier for motor-driven vehicles. 1,926,350; Sept. 12.
- Olson, Ole N., Moorhead, Minn. Battery terminal clamp. 1,935,986; Nov. 21.
- Olson, Olof F., Gary, Ind., assignor to National Tube Company. Expanding mill. 1,919,390; July 25.
- Olson, Olof F., Gary, Ind., assignor to National Tube Company. Measuring apparatus. 1,933,446; Oct. 31.
- Olson, Raymond E. (See DeMers, C. D., and Olson.)
- Olson, Raymond E., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording, indicating, and regulating device. 1,939,789; Dec. 19.
- Olson, Raymond E. and R. D. Cleveland, assignors to Taylor Instrument Companies, Rochester, N. Y. Regulating apparatus. 1,937,666; Dec. 5.
- Olson, Robert C., Worcester, Mass. Regulating valve for liquid fuel and the like. 1,937,204; Nov. 28.
- Olson, Ruth M. (See Olson, John A., assignor.)
- Olson, Samuel, Oak Park, assignor to Samuel Olson & Company, Chicago, Ill. Automatic spacer. 1,901,928; Mar. 21.
- Olson, Samuel, Oak Park, assignor to Samuel Olson & Company, Inc., Chicago, Ill. Remote control conveyer switching system. 1,903,473; Apr. 11.
- Olson, Samuel, assignor to Samuel Olson & Company, Inc., Chicago, Ill. Selective unloader mechanism for elevators. 1,903,835; Apr. 18.
- Olson, Samuel, & Company. (See Lund, Oscar M., assignor.)
- Olson, Samuel, & Company. (See Olson, Samuel, assignor.)
- Olson, Samuel, & Company, Inc. (See Olson, Samuel, assignor.)
- Olson, Thorwald E., assignor to A. M. Olson, Chicago, Ill. Flue cleaner. 1,910,358; May 23.
- Olson, William, assignor to Olson Bros. Saw Manufacturing Co., Inc., Brooklyn, N. Y. Landing net. 1,894,192; Jan. 10.
- Olson, William, Hines, Minn., assignor to International Harvester Company. Covering device for planters. 1,924,075; Aug. 22.
- Olson, William A., Pacific, Mo. Clamshell bucket. 1,909,867; May 16.
- Olsson, Johan G., Lidington, and F. I. E. Stenfors, Alsten, assignors to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Drying device. 1,901,326; Mar. 14.
- Olsson, Johan G., Lidington, and F. I. E. Stenfors, Alsten, assignors to Aktiebolaget Svenska Fläktfabriken, Stockholm, Sweden. Drying device for wood, brick, pottery, etc., provided with heat recovering devices. 1,903,063; Mar. 28.
- Olsson, Nils A., Bellevue, and C. P. Fuller, Pittsburgh, Pa., assignors to The Koppers Company of Delaware. Coking apparatus. 1,920,911; Aug. 1.
- O'Mahony, Mary M., Duluth, Minn. Urinal. Des. 91,211; Dec. 19.
- O'Malley, John F., New York, N. Y. Match packet. 1,939,567; Dec. 12.
- Öman, Erik, Stockund, assignor to Industrikemiska Aktiebolaget, Stockholm, Sweden. Utilizing exhaust gas heat in the manufacture of sulphite cellulose, and of simultaneously recovering sulphurous acid. 1,903,615; May 9.
- O'Mara, Richard F., La Fayette, Ind., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Apparatus for collecting dust. 1,928,702; Oct. 3.
- Omelusik, Nick M., Chicago, Ill. Window lock. 1,930,725; Oct. 17.
- Omes Holding Company Limited. (See Benedetto, Giuseppe, assignor.)
- Ondricek, Adolph, Astoria, N. Y. Paper match holder. 1,913,142; June 6.
- Oneida Community, Limited. (See Allen, G. N., and Bennett, assignors.)
- Oneida Community Limited. (See Allen, G. N., Parker, and Resseger, assignors.)
- Oneida Community, Limited. (See Bedford, E. B., and Parker.)
- Oneida Community, Limited. (See Grav, Daniel, assignor.)
- Oneida Community, Limited. (See Murray, William S., assignor.)
- Oneida Community, Limited. (See Murray, W. S., and Gray, assignors.)
- O'Neil, Arthur S., Alton, assignor to Western Cartridge Company, East Alton, Ill. Making nitrocellulose powders. 1,896,642; Feb. 7.
- O'Neill, James A., Lynn, Mass., assignor to General Electric Company. Reflector. Des. 89,993; May 23.
- O'Neill, James A., Lynn, Mass., assignor to General Electric Company. Reflector. Des. 89,994; May 23.
- O'Neill, James T. (See Griffin, R. L., and O'Neill.)
- O'Neill, Joseph A., Toledo, Ohio. Index tab. 1,914,671; June 20.
- O'Neill, Augustine G., Tulsa, Okla. Color screens and making same. 1,892,901; Jan. 3.
- O'Neill, Edward J., Syracuse, N. Y. Machine for making sanitary napkins. 1,935,518; Nov. 14.
- O'Neill, Edward J., Syracuse, N. Y. Machine for making sanitary napkins. 1,940,182; Dec. 19.
- O'Neill, Frank, Toledo, Ohio. Submerged stirrer. 1,896,327; Feb. 7.

- O'Neill, Frank, Toledo, Ohio. Glass blank transfer. 1,906,086; Apr. 25.
- O'Neill, Frank, jr., assignor to The Fargo Corporation, Brooklyn, N. Y. Apparatus for the manufacture of wire pull bottle caps. 1,920,018; July 25.
- O'Neill, Frank, jr., New York, and A. R. Burns, Amityville, assignors to The Fargo Corporation, Brooklyn, N. Y. Manufacturing wire pull bottle caps. 1,927,183; Sept. 19.
- O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Induction heating. 1,929,212; Oct. 8.
- O'Neill, George D., Beverly, Mass., assignor to Westinghouse Lamp Company. Electron discharge device. 1,937,838; Dec. 5.
- O'Neill, Henry T., Newark, N. J., assignor to Westinghouse Lamp Company. Leading in conductor. 1,908,859; May 16.
- O'Neill, Joseph A., New York, N. Y. Motion picture apparatus combined with sound producers. 1,915,613; June 27.
- O'Neill, Sydney B. (See Roxburgh, W. L., and O'Neill.)
- O'Neill, William J., River Forest, assignor to Mercil Plating Equipment Company, Chicago, Ill. Electroplating apparatus. 1,912,400; June 6.
- O'Neill, William J., River Forest, assignor to Mercil Plating Equipment Company, Chicago, Ill. Electroplating apparatus. 1,928,949; Oct. 3.
- O'Neill, William J., River Forest, assignor to Mercil Plating Equipment Company, Chicago, Ill. Tumbling barrel or the like. 1,928,950; Oct. 3.
- O'Neill, William T., Pittsburgh, Pa. Game. 1,900,071; Mar. 7.
- One Minute Washer Company. (See Weisbrod, Carl C., assignor.)
- Ongley, George E. (See Grinager, H. N., Ongley, and Nassoly.)
- Ono, Ryoe, Odori, Sapporo, Hokkaido, Japan. Constructing sub-way tunnels. 1,899,474; Feb. 28.
- Onos, Abraham, Hawthorne, N. J. Article carrier. 1,918,486; July 18.
- Onstad, Albert H., assignor to Weyerhaeuser Timber Company, Tacoma, Wash. Lumber rettrimming machine. 1,894,415; Jan. 17.
- Onstott, Jacob T., Yuba City, Calif. Connecting rod. 1,903,064; Mar. 28.
- Oosterhuis, Ekko. (See Dobben, P. W., Mulder, and Oosterhuis.)
- Oosterhuis, Ekko, Eindhoven, Netherlands, assignor to Radio Corporation of America. Alternating current heated thermionic device. 1,935,636; Dec. 12.
- Opydke, Vernice G. (See Paden, M. W., and Opydke, assignors.)
- Open Hearth Combustion Company. (See Boynton, Arthur J., assignor.)
- Operay Laboratories, Inc. (See Nirdlinger, Patrick A., and C. D., and Miller.)
- Opie, James, Peckville, Pa. Combination lock. 1,927,468; Sept. 19.
- Oplinger, Floyd F. (See Wernlund, C. J., and Oplinger.)
- Opusstil, Gustav, assignor to the Firm Ignaz Storek, Brunn, Czechoslovakia. Hydraulic servo motor. 1,917,055; July 4.
- Oppegaard, Karl F., Hovik, near Oslo, Norway. Indicating device with two electrically operated signals. 1,909,712; May 16.
- Oppenheim, Charles, Chicago, Ill. Watchcase. Des. 89,593; Apr. 11.
- Oppenheim, Charles, assignor to Sears, Roebuck and Co., Chicago, Ill. Watch-fob. Des. 89,407; Mar. 7.
- Oppenheim, René, assignor to Société Anonyme le Carbone, Gennevilliers, France. Gasoline atomizer for internal combustion engines. 1,896,786; Feb. 7.
- Oppenheim, René, assignor to Société Anonyme le Carbone, Gennevilliers, France. Carburetor. 1,902,887; Mar. 28.
- Oppenheim, René, Gennevilliers (Seine), assignor to Société Anonyme le Carbone, Gennevilliers, (Seine), Paris, France. Carburetor for heavy oils. 1,926,109; Sept. 12.
- Oppenheim, René, assignor to Societe Anonyme le Carbone, Gennevilliers, France. Process and apparatus permitting the utilization of heavy fuels for feeding engines. 1,931,875; Oct. 24.
- Oppenheim, René, assignor to Societe Anonyme Le Carbone, Gennevilliers, France. Electric connection particularly applicable to junction boxes. 1,939,361; Dec. 12.
- Oppenheim, Theodore H., Coldwater, Ohio, assignor to The New Idea Spreader Co. Loader. 1,893,506; Jan. 10.
- Oppenheim, Theodore H., assignor to The New Idea Spreader Company, Coldwater, Ohio. Attachment for fertilizer distributors. 1,900,299; Mar. 7.
- Oppenheimer, Herbert, New York, N. Y. Method and apparatus for promoting osmotic absorption. 1,899,770; Feb. 28.
- Oppenlaender, Oscar O., Elizabethton, and R. H. Carter, Johnson City, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Sealing means. 1,903,242; Mar. 28.
- Oppenlaender, Oskar, Elizabethton, and R. Elssner, Johnson City, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Untwisted direct process yarn with even shrinkage. 1,919,526; July 25.
- Oppen, Walter E., Chicago, Ill. Closure having a self-sealing orifice for collapsible tubes. 1,909,627; May 16.
- Oprian, Sabin, Grantwood, N. J., assignor to The Pop-sicle Corporation of the United States, New York, N. Y. Chocolate covered ice cream figure. 1,913,851; June 13.
- Opsahl, Alert M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cathode ray oscillograph. 1,932,084; Oct. 24.
- Optimum Davit Company Limited, The. (See Burrill, L. C., Boeler, and Hunter, assignors.)
- Optische Anstalt, C. P. Goerz, Aktiengesellschaft, Aklavia Spolecnost K. F. Goerz, Optický Ustav. (See Schier, J., Petschenig, and Peinl, assignors.)
- Optische Werke G. Rodenstock. (See Kuhl, August, assignor.)
- Optiz, Fred M., assignor to Hexcel Radiator Company, Milwaukee, Wis. Air conditioning device. Des. 89,054; Jan. 17.
- Oram, John E. (See Foster, C. E., and Oram.)
- Orange Screen Company. (See Milone, Louis J., assignor.)
- Orcutt, Benjamin M., La Mesa, Calif. Shooting trap control apparatus. 1,911,035; May 23.
- Orcutt, Leon F., Brooklyn, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,089; Jan. 24.
- Ord, Harriet P., executrix. (See Maxon, G. J., and Ord.)
- Ord, Percy R. (See Case, C. Z., and Ord.)
- Ordmann, Max D. (See Holtzman, John, assignor.)
- Orear, Andrew G., Glendale, Calif., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Ventilating appliance. 1,935,179; Nov. 14.
- Orear, Vincent M., and H. J. Otto, assignors, by mesne assignments, to Ardee Patents Corporation, Evansville, Ind. Conical ice cream article forming machine. 1,909,003; May 16.
- Oregon Pulp and Paper Company. (See Kaster, Joseph D., assignor.)
- O'Reilly, Charles L. (See Michlik, S., and O'Reilly.)
- O'Reilly, Joe, Tacoma, Wash. Carton. 1,927,321; Sept. 19.
- Orelind, John R., assignor to Minneapolis-Moline Power Implement Co., Moline, Ill. Plow. 1,915,866; June 27.
- Orelup, John W., East Orange, N. J., assignor, by mesne assignments, to Patent Fuels & Color Corporation, Cincinnati, Ohio. Stabilizing petroleum distillates. 1,909,069; May 16.
- Orem, Frederick S., Baltimore, Md. Air cleaner. 1,898,259; Feb. 21.
- Orem, William H., Baltimore, Md. Milk bottle hood. 1,900,127; Mar. 7.
- Orem, William H., and H. F. Kniesche, Baltimore, Md. Forming paper receptacles. 1,915,164; June 20.
- Orenda Corporation. (See Moore, Albert E. F., assignor.)
- Orenda Corporation. (See Smith, Swan, assignor.)
- Orenits, James, Elmhurst, N. Y. Loud speaker. 1,913,284; June 6.
- O-Riginal Products Incorporated. (See Paulson, Bernard J., assignor.)
- Orkin, Samuel, assignor to Calwis Industries, Ltd., Beverly Hills, Calif. Stop device for toy motors. 1,894,416; Jan. 17.
- Orlando, Victor, assignor to C. H. Fernald, New York, N. Y. Photographic apparatus. 1,923,997; Aug. 22.
- Orlich, Heinz. (See Gerlach, E., and Orlich.)
- Orme, Wilbur L., Cambridge, Ohio. Urn or similar article. Des. 89,820; May 9.
- Orme, Wilbur L., Cambridge, Ohio. Goblet or similar article. Des. 89,821; May 9.
- Ormsbee, Arnold L., Lodi, Calif. Flushing system for operating tables. 1,900,255; Mar. 7.
- Ormsby, Erle, and C. P. Bascom, assignors to Central Mine Equipment Company, St. Louis, Mo. Drill for mining purposes. 1,897,733; Feb. 14.
- Ornberg, Arvid, Chicago, Ill. Windshield heater. 1,903,314; Apr. 4.
- Ornes, Conrad L. (See Bollman, R. R., and Ornes.)
- Ornitz, Nathaniel B., Pittsburgh, assignor to National Alloy Steel Company, Blawnox, Pa. Shaft mounting for rollers or pulleys. 1,909,500; May 16.
- Ornstein, William, Haverhill, Mass. Work holding apparatus. 1,913,610; June 13.
- Ornstein, William, Haverhill, Mass. Heel holder. 1,913,611; June 13.
- Ornstein, Georg, Berlin, Germany. Treating sewage. 1,904,246; Apr. 18.
- Ornstein, Georg, Berlin, Germany. Process for destruction of algae. 1,937,780; Dec. 5.
- Oro Manufacturing Company. (See Reck, Stephen J., assignor.)
- Orosz, John. (See Brosilow, L., Markoff, and Orosz.)
- O'Rourke, Lawrence, San Francisco, Calif. Insulating holder for Cooper-Hewitt tubes and inert gas tubes generally. 1,903,127; Mar. 28.
- Orpen, William H., Brooklyn, N. Y. Shock absorber. 1,924,802; Aug. 29.
- Orr, Adele M., et al., executors. (See Netzel, Richard J., assignor.)
- Orr, Carroll E., Orange, assignor to Elevator Supplies Company, Hoboken, N. J. Circuit controlling mechanism. 1,906,198; Apr. 25.
- Orr, Clark, Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 1,902,518; Mar. 21.
- Orr, Claude L., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Spring arrangement for car trucks. 1,894,193; Jan. 10.

- Orr, Elijah C., Seattle, Wash. Inserted tooth saw. 1,936,242; Nov. 21.
- Orr, Howard H., Cleveland, assignor to The Jaite Company, Jaite, Ohio. Paper bag machine. 1,926,241; Sept. 12.
- Orr, Melville L., Cincinnati, Ohio. Combined cane and popgun. 1,924,957; Aug. 29.
- Orr, Robert C., Asheville, assignor to Frank E. Peckham, Buncombe County, N. C. Cutter for textile material. 1,927,349; Sept. 19.
- Orr, Walter L., Los Angeles, Calif. Trap. 1,919,527; July 25.
- Orr, William V., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner. 1,939,407; Dec. 12.
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh, Arehns Mekaniska Verhstad, Stockholm, Sweden. Machine for packaging cigarettes and other staff-shaped articles. 1,928,541; Sept. 26.
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh, Arehns Mekaniska Verhstad, Stockholm, Sweden. Magazine for machines for packing cigarettes and other staff-shaped articles. 1,928,736; Oct. 3.
- Orth, John, Cleveland, Wis. Ensilage cutter and blower. 1,936,173; Nov. 21.
- Orthmann, August C. (See Henke, C. O., and Orthmann.)
- Orthner, Ludwig, and E. Glietenberg, Leverkusen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Colored rubber compositions. 1,907,156; May 2.
- Orthner, Ludwig, Leverkusen-I. G. Werk, E. Zucker, and M. Bögemann, Cologne-Mulheim-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanization accelerator. 1,924,566; Aug. 29.
- Orthner, Ludwig, Leverkusen-I. G. Werk, and M. Bögemann, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Vulcanization accelerator. 1,924,567; Aug. 29.
- Ortner, Otto, G. Münsterer, W. Gebhardt, Nuremberg, and K. Keller, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Remote controlling plant. 1,922,711; Aug. 15.
- Ortt, Elwood K., Dixon, Ill. Hedge trimmer and the like. 1,937,586; Dec. 5.
- Orvis, Thomas C., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin-winding device for sewing machines. 1,940,435; Dec. 19.
- Orwig, Ray L. (See Steeg, W. F., and Orwig.)
- Orwitz, Samuel D., San Francisco, Calif. Figure toy. Des. 90,044; May 30.
- Orynski, Leonard W., et al. (See McCarty, Madison P., assignor.)
- Osann, Frederick, Company. (See Hohmann, Richard K., assignor.)
- Osann, Frederick, Company. (See McCann, Michael, assignor.)
- Osann, Frederick Company. (See Morris, Harold W., assignor.)
- Osborn, William O., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode ray oscilloscope. 1,934,322; Nov. 7.
- Osborg, Hans, Frankfurt-on-the-Main, Germany. Electrolytic process for producing alloys of lithium. 1,901,407; Mar. 14.
- Osborn, Albert D., and S. M. Taylor, assignors to Smooth Saw Equipment Company, Loyalton, Calif. Automatic take-off and trap for a sawing machine. 1,907,564; May 9.
- Osborn, Henry C., Cleveland, Ohio, assignor to Multigraph Company, Wilmington, Del. Printing form. 1,900,023; Mar. 7.
- Osborn, Henry J. (See Wright, A., and Osborn.)
- Osborn, Howard H., et al. (See Vera, John F., assignor.)
- Osborn Manufacturing Company, The. (See Oyster, Earl F., assignor.)
- Osborn Manufacturing Company, The. (See Spikerman, Frank T., assignor.)
- Osborn Manufacturing Company. (See Spikerman, F. T., and Oyster, assignors.)
- Osborn Manufacturing Company, The. (See Zeman, Merton W., assignor.)
- Osborn, Paul H., Hutchinson, Kans. Grip guard for ice cream dippers. 1,930,020; Oct. 10.
- Osborn Products Inc. (See Bozarth, William H., assignor.)
- Osborn, Robert R. (See Wright, T. P., and Osborn.)
- Osborn, Robert T., Warren, Ohio. Air operated horn. 1,901,157; Mar. 14.
- Osborn, William H., and H. H. Stout, jr., assignors to Coalescence Products Company, Inc., New York, N. Y. Purifying metal. 1,938,608; Dec. 12.
- Osborne, Andrew G., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap removing tool. 1,913,816; June 13.
- Osborne, Fred, Birmingham, Ala., assignor to The Barrett Company, New York, N. Y. Distillation of tar, etc. 1,912,393; June 6.
- Osborne, Fred, Birmingham, Ala., assignor to The Barrett Company, New York, N. Y. Distillation of tar at a coal distillation plant and apparatus therefor. 1,919,704; July 25.
- Osborne, Fred H., Chicago, Ill., assignor, by mesne assignments, to Grigsby-Grunow Company. Electric switch. 1,940,267; Dec. 19.
- Osborne, Fred H., and H. M. Threlkeld, Chicago, Ill., assignors, by mesne assignments, to Grigsby-Grunow Company. Electrical apparatus. 1,935,371; Nov. 14.
- Osborne, Guy E., Chauncey, Ohio. Animal trap. 1,929,286; Oct. 3.
- Osborne, Harold A., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Preparing soles for boots and shoes. 1,930,596; Oct. 17.
- Osborne, Herbert, assignor to Chiksan Oil Tool Company, Fullerton, Calif. Guide for drill pipe. 1,910,631; May 23.
- Osborne, Paul J., Ozono Park, N. Y. Vehicle window. 1,939,273; Dec. 12.
- Osborne, Samuel C., Cleveland Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Welding apparatus. 1,901,466; Mar. 14.
- Osborne, William V., assignor to Lakeside Malleable Castings Company, Racine, Wis. Spike pulling device. 1,908,175; May 9.
- Oschwald, Alfred, Zurich, Switzerland. Projector comprising automatic picture changing means. 1,901,819; Mar. 14.
- Osenberg, Carl, Berlin-Charlottenberg, Germany, assignor to General Electric Company. Power plant. 1,897,815; Feb. 14.
- Osenburg, George W., Fullerton, Md., assignor to The Texas Company, New York, N. Y. Soot blower. 1,933,334; Oct. 31.
- Osgood, Austin H., assignor of one-tenth to L. Selling, Portland, Oreg. Thermostat. 1,922,451; Aug. 15.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,903,649; Apr. 11.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 1,906,219; Apr. 25.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling mechanism. 1,912,854; June 6.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,920,271; Aug. 1.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,927,949; Sept. 26.
- Osgood, Charles F., assignor to Sullivan Machinery Company. Claremont, N. H. Pressure fluid motor. 1,929,445; Oct. 10.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,932,596; Oct. 31.
- Osgood, George H., Tacoma, Wash. Windshield warmer. 1,892,847; Jan. 3.
- Osgood, George H., Tacoma, Wash. Plywood lap-joint seam. 1,926,301; Sept. 12.
- Osgood, George H., Tacoma, Wash. Barrel-head fastener. 1,926,302; Sept. 12.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 1,940,810; Dec. 26.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Forming back seams. 1,899,049; Feb. 28.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Seam pressing machine. 1,899,050; Feb. 28.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Taping machine. 1,899,051; Feb. 28.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Seam pressing machine. 1,928,654; Oct. 3.
- Osgood, Walter P., Malden, assignor to Boston Machine Company, Lynn, Mass. Seam reducing machine. 1,940,436; Dec. 19.
- O'Shaughnessy, Stephen F., Derby, Conn. Emblem. Des. 91,144; Dec. 5.
- O'Shea, Dennis C., Chicago, Ill. Pad. 1,915,753; June 27.
- O'Shea, Dennis C., Chicago, Ill. Hip pad. 1,915,754; June 27.
- O'Shea, James J., Dallas, Tex. Shirt folding apparatus. 1,895,204; Jan. 24.
- O'Shea, James J., Dallas, Tex. Support for shirt collars. 1,941,185; Dec. 26.
- Oshkosh Trunks, Inc. (See Meyer, Frank W., assignor.)
- Osip, Joseph, Northampton, and J. Kolemba, Mount Tom, Mass. Breech loading ordnance. 1,917,994; July 11.
- Osius, Frederick J., and M. Seiderman, Miami, Fla.; said Seiderman assignor to said Osius. Drink mixer. Des. 88,888; Jan. 3.
- Oskow, Louis, Brooklyn, assignor to Barlo Engineering Co. Inc., Long Island City, N. Y. Winding mechanism. 1,919,122; July 18.
- Oslund, Walter W., Holden, Mass. Picker mechanism. 1,940,011; Dec. 19.
- Osman, Ralph T., assignor to Koehring Company, Milwaukee, Wis. Spring suspension. 1,920,661; Aug. 1.
- Osman, Ralph T., assignor to Koehring Company, Milwaukee, Wis. Motor driven vehicle. 1,933,873; Nov. 7.

- Osman, Ralph T., and E. H. Lichtenberg, assignors to Koehring Company, Milwaukee, Wis. Cushion cleat wheel. 1,921,537; Aug. 8.
- Osmun, Kenneth L., assignor to Union Selling Company, Cincinnati, Ohio. Adhesive and adhesive coated tape. 1,933,026; Oct. 31.
- Osner, Charles F. (See Hanson, L. A., and Osner.)
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Glow lamp circuit. 1,908,533; May 9.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmission system. 1,909,981; May 23.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Constant current system. 1,912,995; June 6.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit for heating thermionic tubes. 1,912,996; June 6.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave generation. 1,915,378; June 27.
- Osnos, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Eliminating fading. 1,915,578; June 27.
- Ossenbeck, Anton. (See Hentrich, W., Ossenbeck, and Tietze.)
- Ossing, Fred, Cleveland, Ohio. Roller and key for printing presses. 1,922,495; Aug. 15.
- Ost, William R., Verona, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding apparatus. 1,915,946; June 27.
- Oster, Cornelius B., and H. Rainey, assignors of one-fourth to H. Jones, Rushville, and one-fourth to C. Cole, Indianapolis, Ind. Milk bottle receiver. 1,900,729; Mar. 7.
- Oster, John, Manufacturing Company. (See Dean, John, assignor.)
- Oster Manufacturing Company, The. (See Hyde, Ralph E., assignor.)
- Oster, Walter E., Chicago, Ill. Fastener. 1,925,816; Sept. 5.
- Osterberg, Arnold E., Rochester, Minn., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Making a purified coal tar ointment. 1,908,176; May 9.
- Osterberg, Arnold E., Rochester, Minn., assignor to The Chemical Foundation Incorporated, New York, N. Y. Cystographic medium. 1,935,661; Nov. 21.
- Osterberg, Carl T., assignor to Handy Table Set Co., Milwaukee, Wis. Folding table with seats. 1,936,969; Nov. 28.
- Osterberg, Gotthard S., Tidaholm, Sweden, assignor to R. Suzek, Grosse Pointe Park, Mich. Supercharger for internal combustion engines. 1,914,382; June 20.
- Österberg, Karl E. R., assignor to J. & C. G. Bolinders Mekaniska Verkstads Aktiebolag, Stockholm, Sweden. Sawing of logs. 1,920,584; Aug. 1.
- Osterbrock, William C. (See Wood, Edmund P., assignor.)
- Osterburg, Eric. (See Pauly, Remigius, assignor.)
- Osterman, Milton. (See Kemp, W., and Osterman.)
- Osterman, Samuel, New York, N. Y. Electric conductor wire. 1,914,959; June 20.
- Ostermann, Rudolf M., Kenilworth, Ill., assignor to The Superheater Company, New York, N. Y. Boiler. 1,924,877; Aug. 29.
- Ostermann, Rudolf M., Kenilworth, Ill., assignor to The Superheater Company, New York, N. Y. Locomotive superheater boiler. 1,931,994; Oct. 24.
- Ostermeyer, Eduard, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cash register. 1,906,805; May 2.
- Ostertsetzer, Alfons, Klosterneuburg, and F. Riesenfeld, Vienna, Austria, assignors to Pollopos Limited, Nottingham, England. Manufacture of phenol formaldehyde condensation products. 1,892,848; Jan. 3.
- Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Purifying oils. 1,894,323; Jan. 17.
- Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Treating hydrocarbon distillates. 1,897,328; Feb. 14.
- Osterstrom, Rudolph C., Chicago, Ill., and R. T. Tucker, Muskogee, Okla., assignors to The Pure Oil Company, Chicago, Ill. Apparatus for refining liquid. 1,930,597; Oct. 17.
- Ostgaard, Albert. (See York, W. O., and Ostgaard.)
- Ostline, John E. (See Brooks, C. R., and Ostline.)
- Ostline, John E., Berwyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,917,390; July 11.
- Ostling, Gustaf A., and C. L. Gustafson, Chicago, Ill. Picture frame. Des. 90,335; July 18.
- Ostolaza, Frank, assignor to Mexican American Hat Company, St. Louis, Mo. Hat. 1,894,213; Jan. 10.
- Ostrander, Edward, Chevelah, assignor of one-half to Royal N. Riblet, Spokane, Wash. Tramway carrying pulley. 1,897,329; Feb. 14.
- Ostrander, George T., Joliet, Ill. Circuit closer. 1,899,475; Feb. 28.
- Ostrander, John K., Philadelphia, Pa. Cable clamp. 1,917,147; July 4.
- Ostrey, Joseph M., Calixico, Calif. Duplex stationery guide. 1,927,612; Sept. 19.
- Ostrey, Joseph M., Los Angeles, Calif. Adjustable guide for paper plates of typewriters. 1,938,531; Dec. 5.
- Ostros, Mendel, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical network. 1,940,437; Dec. 19.
- Ostria, José, and R. DeMay, Chicago, Ill. Airplane propeller. 1,923,325; Aug. 22.
- Ostroff, Sidney, Lowell, Mass. Rumble seat top. 1,898,260; Feb. 21.
- Ostromlensky, Iwan, New York, N. Y., assignor, by mesne assignments, to The Naugatuck Chemical Company, Naugatuck, Conn. Nonshattering glass and making the same. 1,913,127; June 6.
- Ostroot, Gabriel E., Minneapolis, and S. Westerheim, St. Paul, Minn. Window construction. 1,895,339; Jan. 24.
- Osuch, Francis J., Detroit, Mich. Index to be used with telephone directories and other books. 1,900,461; Mar. 7.
- Osuch, Francis J., Detroit, Mich. Index for bound volumes. 1,900,462; Mar. 7.
- O'Sullivan, John J., Niagara Falls, assignor of one-half to John P. Conway, Buffalo, N. Y. Balanced abrasive wheel. 1,913,852; June 13.
- O'Sullivan, John R. (See O'Connor, B. A., and O'Sullivan.)
- Oswald, Alfred E., Hackensack, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Word counting register for typewriters. 1,904,515; Apr. 18.
- Oswald, André, Paris, France, assignor to Keller-Dorian Colorfilm Corporation of America, New York, N. Y. Machine for reproducing cinematographic films. 1,897,274; Feb. 14.
- Oswald, André, Paris, France, assignor, by mesne assignments, to Keller-Dorian Colorfilm Corporation, New York, N. Y. Cinematographic film. 1,897,275; Feb. 14.
- Oswald, Carl L., New York, N. Y., and W. D. Foster, Washington Township, Bergen County, N. J., assignors to Kinatome Patents Corporation, New York, N. Y. Recording and reproduction of sound and the process thereof and apparatus therefor. 1,928,392; Sept. 26.
- Oswald, Richard H., Philadelphia, Pa. Hosiery. 1,939,828; Dec. 19.
- Oswego Falls Corporation. (See Oliver, R., and Penn, assignors.)
- Oswego Falls Corporation. (See Wright, Wilbur L., assignor.)
- Oswego Falls Corporation. (See Wright, W. L., and Pierce, assignors.)
- Othmer, Donald F. (See Clarke, H. T., and Othmer.)
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydration of acetic acid. 1,897,816; Feb. 14.
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydrating aqueous acetic acid. 1,917,391; July 11.
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydration of formic acid. 1,930,146; Oct. 10.
- Othmer, Donald F., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of materials contained in gaseous mixtures. 1,939,222; Dec. 12.
- Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Furnace conveyer drive. 1,894,829; Jan. 17.
- Otis, Edward C., Chicago, Ill., assignor, by mesne assignments, to Certain-teed Products Corporation. Roofing. 1,900,597; Mar. 7.
- Otis Elevator Company. (See Boedtcher, Franz A., assignor.)
- Otis Elevator Company. (See Brady, Thomas, assignor.)
- Otis Elevator Company. (See Crabbe, G. N., and Margles, assignors.)
- Otis Elevator Company. (See Dunn, Edward L., assignor.)
- Otis Elevator Company. (See Lindquist, David L., assignor.)
- Otis Elevator Company. (See Lindquist, D. L., and Lewis, assignors.)
- Otis Elevator Company. (See Lindquist, D. L., Dunn, and Larson, assignors.)
- Otis Elevator Company. (See Lucas, William B., assignor.)
- Otis Elevator Company. (See Norton, Clifford, assignor.)
- Otis Elevator Company. (See Sanford, Selden B., assignor.)
- Otis Elevator Company. (See Westlin, Carl T., assignor.)
- Otis, Gerald E., assignor to The Herman Nelson Corporation, Moline, Ill. Heating and ventilating. 1,913,681; June 13.
- Otis, Herbert C., Shreveport, La. Process and apparatus for inserting tubing in wells. 1,894,912; Jan. 17.
- Otis, Herbert C., Shreveport, La. Choke for oil wells. 1,897,985; Feb. 14.
- Otis, Herbert C., Shreveport, La. Safety pulling tool for well equipment. 1,898,261; Feb. 21.
- Otis, Herbert C., Shreveport, La. Apparatus for controlling oil wells. 1,911,328; May 30.
- Otis, Herbert C., Shreveport, La. Bottom hole choke. 1,916,070; June 27.
- Otis, Herbert C., Shreveport, La. Well tool. 1,920,103; July 25.
- Otis, John C. (See Murphy, T. W., Otis, and Waddel, assignors.)
- Otis, Joseph E., jr., Winnetka, assignor to Alemite Corporation, Chicago, Ill. Lubricant reservoir and dash pump. 1,934,877; Nov. 14.

- Otis Manufacturing Co. (See Strausser, H. S., and Reynolds, assignors.)
- Otis, Russell M. (See Burns, B., Lewis, and Otis.)
- Otis, Samuel S., Winnetka, Ill. Building material. 1,929,256; Oct. 3.
- Otis Steel Company, The. (See Shonkwiler, A. H., and Macklin, assignors.)
- O'Toole, Edward, sr., Gary, W. Va. Filter for removing dust from the air. 1,914,282; June 13.
- Ott, Charles S., and J. R. Lewis, San Francisco, Calif.; said J. R. Lewis assignor, by mesne assignments, to M. E. Lewis, San Francisco, Calif. Rotary brush. 1,898,464; Feb. 21.
- Ott, Ernest H., Pittsburgh, and B. J. Gudge, East Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Molded table cover. 1,916,435; July 4.
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 1,914,212; June 13.
- Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 1,933,386; Oct. 31.
- Ott, Karl, and H. Bernard, Uerdingen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Paint. 1,897,528; Feb. 14.
- Ott, Karl, Leverkusen, and H. Schüssler, Cologne-Deutz, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Condensation product of alkali metal bisulphites with octadecadiene-9, 11-acid-1 or its amide. 1,920,585; Aug. 1.
- Ott, Mitzi. (See Bauer, Lawrence E., assignor.)
- Ott, Oran W., Los Angeles, and A. J. Smithers, Alhambra, assignors to Pacific Pipe and Supply Company, Los Angeles, Calif. Water heater. 1,899,523; Feb. 28.
- Ott, Percy W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck bolster. 1,931,620; Oct. 24.
- Ott, Robert W., Cincinnati, Ohio. Milling machine spindle carrier. 1,938,782; Dec. 12.
- Ott, Robert W., Cincinnati, Ohio. Milling machine. 1,940,142; Dec. 19.
- Ott, Thomas F., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Railroad car journal oil. 1,929,189; Oct. 3.
- Ottawa River Paper Company. (See Richards, Ralph N., assignor.)
- Ottawa River Paper Company. (See Walker, Walter H., assignor.)
- Otte, Emil C., assignor to The Delta-Star Electric Company, Chicago, Ill. Back connected switch terminal. 1,937,357; Nov. 28.
- Otte, Otho M., Tarentum, Pa., assignor to Allegheny Steel Company. Treatment of electrical sheet steels. 1,898,061; Feb. 21.
- Otte, Otho M., Tarentum, assignor of one-half to H. F. Porter, Brackenridge, Pa. Rolling in a magnetic field. 1,909,887; May 16.
- Otte, Otho M., Tarentum, Pa., assignor, by mesne assignments, to Budd Wheel Company. Hot rolling radially tapered disks. 1,923,389; Aug. 22.
- Otten Brothers Company. (See Otten, Edward H., assignor.)
- Otten, Edward H., Detroit, Mich., assignor to Otten Brothers Company. Calling card and case. 1,907,212; May 2.
- Ottenheimer, Reuben E. (See Sherer, William T., assignor.)
- Ottenstein, Friedrich, Nuremberg, Germany. Toy railway track. 1,913,286; June 6.
- Ottersland, Peter N. (See Valentine, C. W., Ottersland, and Fairbanks.)
- Ottesen, Otto, Los Angeles, Calif. Automobile wheel puller. 1,896,009; Jan. 31.
- Otting, Herbert E., Westerville, Ohio, assignor to M & R Dietetic Laboratories, Inc. Milk product. 1,937,527; Dec. 5.
- Ottinger, Leon, et al. (See Gage, Edward G., assignor.)
- Ottinger, Nathan, New York, N. Y. Folding box. 1,895,768; Jan. 31.
- Ottinger, Nathan, New York, N. Y. Hand bag and similar receptacle. 1,907,657; May 9.
- Ottinger, Nathan, New York, N. Y. Folder, portfolio, filing, or mailing envelope and similar container. 1,914,213; June 13.
- Ottinger, Nathan, New York, N. Y. Brief case, portfolio and other container. 1,920,586; Aug. 1.
- Ottinger, Nathan, New York, N. Y. Box construction. 1,928,792; Oct. 3.
- Ottinger, Nathan, New York, N. Y., and R. Lhomme, Paris, France; said Lhomme assignor to said Ottinger. Vanity case, cigarette case, and analogous articles. 1,898,386; Feb. 21.
- Ottley, George B., Arlington, Mass. Quick drying ink. 1,897,071; Feb. 14.
- Otto, Albert, Grosse Pointe Park, assignor to Morgan & Wright, Detroit, Mich. Tire forming device. 1,921,579; Aug. 8.
- Otto, Albert T., & Sons. (See Airaghi, Cesare, assignor.)
- Otto, Albert T., & Sons. (See ter Meer, Gustav, assignor.)
- Otto, Albert T., & Sons. (See Stelkens, Willy, assignor.)
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Thermometer. 1,917,457; July 11.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Electrically actuated valve. 1,927,134; Sept. 19.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 1,928,737; Oct. 3.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Heat controlling mechanism. 1,939,915; Dec. 19.
- Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Temperature regulation. 1,939,916; Dec. 19.
- Otto, Arthur J. and C. A., assignors to Johnson Service Company, Milwaukee, Wis. Thermostat and similar device. 1,897,857; Feb. 14.
- Otto, Carl, Essen-Bredene, Germany. Vacuum cleaning apparatus. 1,901,467; Mar. 14.
- Otto, Carl, Essen-Ruhr, Germany. Regenerative coke oven. 1,904,516; Apr. 18.
- Otto, Carl, Essen-Bredene, Germany. Vacuum cleaning apparatus. 1,914,834; June 20.
- Otto, Carl, Essen-Ruhr, Germany. Regenerative coke oven. 1,918,926; July 18.
- Otto, Carl A. (See Otto, Arthur J. and C. A.)
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Temperature control. 1,941,314; Dec. 26.
- Otto, Carl F. (See Hochmuth, F. O., and Otto.)
- Otto, Carl F., et al. (See Simmons, William H., assignor.)
- Otto, Gerald L., assignor to Stout Manufacturing Company, Menomonee Falls, Wis. Bottle washing machine. 1,913,947; June 13.
- Otto, Henry J. (See Orear, Vincent M., and Otto.)
- Otto, Henry L. (See Beauchamp, R. E., and Otto.)
- Otto, Johann, Hennigsdorf, and E. Rietsch, Tegel, Germany, assignors to General Electric Company. Resistance welding. 1,916,012; June 27.
- Otto, Johann, Hennigsdorf, and E. Rietsch, Tegel, Germany, assignors to General Electric Company. Resistance welding. 1,916,013; June 27.
- Otto, Walter, Forest Hills, N. Y. Cabinet for fountain syringes. 1,928,501; Sept. 26.
- Otto, Werner, Berlin, Germany. Drying apparatus. 1,918,927; July 18.
- Otto, Wolfgang, Kitzberg near Kiel, Germany. Control of the brakes and the throttles of automobiles. 1,914,283; June 13.
- Otto, Wolfgang, Kitzberg, near Kiel, Germany, assignor to the Firm Nederlandsche Technische Handel Maatschappij "Giro", The Hague, Netherlands. Course indicator for reproducing the indication of a gyrocompass. 1,922,976; Aug. 15.
- Otwell, Ralph B., Detroit, Mich. Unitary plumbing equipment for bathrooms. 1,931,392; Oct. 17.
- Otwell, Ralph B., Detroit, Mich. Planting plan anchoring and embryo planting cartridge. 1,936,988; Nov. 28.
- Oulton, Charles E., assignor to Plastic-Craft Novelty Company, Inc., Attleboro, Mass. Bracelet. Des. 90,780; Sept. 26.
- Ourliff, Paul, Los Angeles, assignor to C. S. Clarke, Long Beach, Calif. Contact protection circuit. 1,939,019; Dec. 12.
- Oushbäck, Mats G. H., assignor to Ragnar Erfass, Stockholm, Sweden. Motor-driven mechanical hammer. 1,901,981; Mar. 21.
- Ousdahl, Adolph, Seattle, Wash., assignor, by mesne assignments, to H. M. Brooks, New York, N. Y., W. T. Gardiner, Augusta, Maine, and R. K. Hawes, Fall River, Mass., trustees. Coal stoker. 1,920,912; Aug. 1.
- Ouss, Andrew A., and W. F. Von Buehnen, New York, N. Y. Art and apparatus for impelling and maneuvering of floating vessels. 1,914,038; June 13.
- Outboard Motors Corporation. (See Evinrude, Ole, assignor.)
- Outboard Motors Corporation. (See Irgens, Finn T., assignor.)
- Outboard Motors Corporation. (See King, D. W., and Lockwood, assignors.)
- Outboard Motors Corporation. (See Wheeler, Sylvester L., assignor.)
- Outboard Motors Corporation. (See Witke, Elmer A., assignor.)
- Outrite Fire Extinguisher Corporation, The. (See Gillette, Acie J., assignor.)
- Outserts, Inc. (See Brown, Robert R., assignor.)
- Ovenda Corporation. (See Hiatt, Enos B., assignor.)
- Overbury, Frederick C., Hillsdale, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Making roofing stock. 1,897,139; Feb. 14.
- Overbury, Frederick C., Pasadena, Calif., assignor to The Flintkote Corporation, Boston, Mass. Mixing materials. 1,911,644; May 30.
- Overbury, Frederick C., Hillsdale, N. J. Motor vehicle safety system. 1,927,444; Sept. 19.
- Overdick, Fritz, Huls, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purifying coal gases. 1,915,755; June 27.
- Overfelt, Walter M., Rocky Mount, Va. King pin extracting apparatus. 1,899,351; Feb. 28.
- Overhold Company, The. (See Fulk, George L., assignor.)
- Overhead Door Corporation. (See Johnson, C. G., and Blodgett, assignors.)
- Overhead Door Corporation. (See Moler, Charles C., assignor.)
- Overholt, Lloyd F., Minneapolis, assignor to Minneapolis-Moline Power Implement Company, Hopkins, Minn. Internal combustion engine. 1,909,311; May 16.

- Overholtz, George D., Fair Oaks, assignor to McClintic-Marshall Corporation, Bethlehem, Pa. Outdoor advertising structure. 1,892,998; Jan. 8.
- Overland Candy Corporation. (See Leaf, Sol S., assignor.)
- Overland, Elnor O., et al. (See Stubbjare, Joseph A., assignor.)
- Overly, Charles F., Cleveland, Ohio. Pneumatic tool. 1,940,143; Dec. 19.
- Overly, Clarence B. (See Ironside, J., and Overly.)
- Overly, Elmer G., Greensburg, Pa. Envelope construction. 1,895,484; Jan. 31.
- Overly, Elmer G., Greensburg, Pa. License plate envelope. 1,895,485; Jan. 31.
- Overly, Elmer G., Greensburg, Pa. Envelope construction. 1,895,486; Jan. 31.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,930; Jan. 3.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,981; Jan. 10.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,011; Jan. 10.
- Overmeyer, John, New York, N. Y. Textile fabric or similar article. Des. 89,012; Jan. 10.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,020; Jan. 10.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,025; Jan. 10.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,090; Jan. 24.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,139; Jan. 31.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,206; Feb. 7.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,244; Feb. 7.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,260; July 4.
- Overmeyer, John, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,505; Aug. 15.
- Overmon, Elmer, Sperry, Okla. Combined steering hitch and automatic brake. 1,894,194; Jan. 10.
- Overmayer, Everett Roscoe, La Paz, Ind. Sack or bag holder. 1,920,019; July 25.
- Overmyer, George J., Hartford City, Ind. Furniture glide. 1,913,720; June 13.
- Overseas Machinery Company Proprietary Limited. (See Wakefield, William, assignor.)
- Oversewing Machine Company. (See Baker, George, assignor.)
- Ovestreet, Mont E., assignor of one-half to James J. Kaster, El Paso, Tex. Burial casket. 1,931,828; Oct. 24.
- Ovestrud, Melvin, assignor to Pioneer Gravel Equipment Manufacturing Company, Minneapolis, Minn. Bearing structure. 1,916,682; July 4.
- Ovestrud, Orrin B. (See Thoen, Bennett E., assignor.)
- Oxweld Railroad Service Company, The. (See Oldham, Samuel R., assignor.)
- Ow, Joseph W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker operating mechanism. 1,913,407; June 13.
- Odawa, Tokujiro, Sukegawa-Cho, assignor of one-half to Koji Konishi, Tokio, Japan. Apparatus for testing watches. 1,900,612; Mar. 7.
- Owen, Annie R. C., Washington, D. C. Food material and making same. 1,911,463; May 30.
- Owen, Arthur H., Moberly, Mo. Artificial body member. 1,893,714; Jan. 10.
- Owen Automatic Spring and Machinery Company, The. (See Kyle, William T., assignor.)
- Owen, Clarence R., Minneapolis, Minn. Nut lock. 1,894,631; Jan. 17.
- Owen-Dyneto Corporation. (See Doman, Albert E., assignor.)
- Owen, Eric W. B. (See Murphy, E. A., and Owen.)
- Owen, Eric W. B. (See Murphy, E. A., Owen and Twiss.)
- Owen, Frank M., assignor of one-half to American Iron and Machine Works Company, Oklahoma City, Okla. Rock bit cone wrench. 1,907,658; May 9.
- Owen, Raymond W., assignor to The Edwin F. Guth Company, St. Louis, Mo. Lighting fixture. Des. 89,091; Jan. 24.
- Owen, Thomas L. (See Green, John C., assignor.)
- Owen, Tom, Butler, Ala. Cotton bale buckle and tie. 1,934,995; Nov. 14.
- Owen, William. (See Burdett C. F., and Owen.)
- Owen, William. (See Fox, J. H., and Owen.)
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for case hardening glass sheets. 1,900,582; Mar. 7.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for case hardening glass sheets. 1,900,583; Mar. 7.
- Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making plate glass. 1,905,743; Apr. 25.
- Owens Development Corporation. (See Owens, Freeman H., assignor.)
- Owens, Edward A., assignor to Selectasine System, Inc., San Francisco, Calif. Stencil printing machine. 1,922,710; Aug. 15.
- Owens, Freeman H., New York, N. Y. Film printing apparatus. 1,896,246; Feb. 7.
- Owens, Freeman H., New York, N. Y. Combined motion picture camera and projecting apparatus. 1,899,052; Feb. 28.
- Owens, Freeman H., New York, N. Y. Combined motion picture camera and projector. 1,911,845; May 30.
- Owens, Freeman H., New York, N. Y. Optical system. 1,912,156; May 30.
- Owens, Freeman H., New York, N. Y. Recording and reproducing photographic sound records. 1,912,157; May 30.
- Owens, Freeman H., New York, N. Y. Projection machine. 1,919,595; July 25.
- Owens, Freeman H., New York, N. Y. Optical printer. 1,921,835; Aug. 8.
- Owens, Freeman H., New York, N. Y. Reproducing sound from a photographic film record. 1,922,631; Aug. 15.
- Owens, Freeman H., New York, N. Y. Talking picture apparatus. 1,925,600; Sept. 5.
- Owens, Freeman H., New York, N. Y. Sound-reproducing apparatus. 1,929,119; Oct. 3.
- Owens, Freeman H., New York, N. Y. Dissolver and shifter for optical systems. 1,929,988; Oct. 10.
- Owens, Freeman H., New York, N. Y. Optical system for sound reproducing apparatus. 1,936,204; Nov. 21.
- Owens, Freeman H., New York, N. Y. Roller support for sound record films. 1,936,205; Nov. 21.
- Owens, Freeman H., New York, N. Y. Dissolver for motion picture cameras. 1,936,206; Nov. 21.
- Owens, Freeman H., assignor to Owens Development Corporation, New York, N. Y. Film threading device for photographic sound reproducing apparatus. 1,913,853; June 13.
- Owens, Freeman H., assignor to Owens Development Corporation, New York, N. Y. Electro-dynamic photographic sound device. 1,916,739; July 4.
- Owens-Illinois Glass Company. (See Allen, Russell G., assignor.)
- Owens-Illinois Glass Company. (See Benoit, Joseph P., assignor.)
- Owens-Illinois Glass Company. (See Collins, Howard W., assignor.)
- Owens-Illinois Glass Company. (See Collins, John E., assignor.)
- Owens-Illinois Glass Company. (See Cook, C. C., and Badger, assignors.)
- Owens-Illinois Glass Company. (See Dowling, John F., assignor.)
- Owens-Illinois Glass Company. (See Flexon, Floyd, assignor.)
- Owens-Illinois Glass Company. (See Fritschle, Arthur, assignor.)
- Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)
- Owens-Illinois Glass Company. (See Hughes, Edward L., assignor.)
- Owens-Illinois Glass Company. (See Hutchinson, Oliver C. K., assignor.)
- Owens-Illinois Glass Company. (See Hutchinson, O. C. K., and Gilham, assignors.)
- Owens-Illinois Glass Company. (See Johnson, Sigfrid W., assignor.)
- Owens-Illinois Glass Company. (See Kadow, August, assignor.)
- Owens-Illinois Glass Company. (See Kadow, A., and McLaughlin, assignors.)
- Owens-Illinois Glass Company. (See Lufkin, Garland, assignor.)
- Owens-Illinois Glass Company. (See Lufkin, G., and Allen, assignors.)
- Owens-Illinois Glass Company. (See McLaughlin, John E., assignor.)
- Owens-Illinois Glass Company. (See McLaughlin, J. E., Treece, and Soubier, assignors.)
- Owens-Illinois Glass Company. (See Nesbitt, Frank T., assignor.)
- Owens-Illinois Glass Company. (See Rohrich, H. A., and Soubier, assignors.)
- Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
- Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Soubier, L. D., and Treece, assignors.)
- Owens-Illinois Glass Company. (See Treece, Jesse H., assignor.)
- Owens-Illinois Glass Company. (See Treece, J. H., and McLaughlin, assignors.)
- Owens-Illinois Glass Company. (See Van Ness, Willard L., assignor.)
- Owens-Illinois Glass Company. (See Williams, Percy Q., assignor.)
- Owens, Jesse A., and T. C. Waters, Atlanta, Ga. Locomotive attachment. 1,930,068; Oct. 17.

- Owens, Mack H., Lakewood, and E. A. Burr, Shaker Heights, assignors to The Cleveland Quarries Company, Cleveland, Ohio. Abrasive feeding mechanism for stone cutting machines. 1,921,697; Aug. 8.
- Owens, Robert H., Connerville, Ind., assignor, by mesne assignments, to International-Stacey Corporation, Columbus, Ohio. Fluid handling apparatus. 1,915,579; June 27.
- Owens, Robert J., and H. J. Fraser, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Bright annealing steels and alloys. 1,901,039; Mar. 14.
- Owens, Samuel H., Altoona, Pa. Movable abutment for container vehicles. 1,922,632; Aug. 15.
- Owens, Samuel H., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway refrigerator container. 1,926,700; Sept. 12.
- Owens, Trueman W., Trenton, Nebr. Stropping device. 1,926,171; Sept. 12.
- Owens, William B., assignor of one-half to J. C. Steele, Santa Monica, Calif. Sand blast nozzle. 1,927,573; Sept. 19.
- Owings, Thomas D., Flushing, N. Y. Drum or container for oil or other liquids. 1,931,007; Oct. 17.
- Owitz, Nathan, assignor to J. C. Welwood Corp., New York, N. Y. Display case. 1,924,371; Aug. 29.
- Oxenreiter, William F., Pittsburgh, Pa. Display stand. 1,940,320; Dec. 19.
- Ox Fibre Brush Company. (See Lipps, William D., assignor.)
- Oxford, Carl J., assignor to National Twist Drill & Tool Company, Detroit, Mich. Cutting tool. 1,938,717; Dec. 12.
- Oxford, Carl J., and G. D. Hayden, assignors to National Twist Drill & Tool Company, Detroit, Mich. Interlocking adjusting member. 1,938,718; Dec. 12.
- Oxford Filing Supply Company. (See Jonas, Frank D., assignor.)
- Oxford Varnish Corporation. (See Casto, L. V., and von Webern, assignors.)
- Oxford Varnish Corporation. (See von Webern, Guido, assignor.)
- Oxford Varnish Corporation. (See Von Webern, G., and Hamant, assignors.)
- Oxley, Charles, et al. (See Gonsett, Robert R., assignor.)
- Oxley, Horace F., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of oxygenated organic compounds. 1,914,785; June 20.
- Oxley, Horace F., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of aliphatic acids and esters. 1,927,414; Sept. 19.
- Oxley, Horace F., and L. Fallows, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of organic compounds. 1,936,472; Nov. 21.
- Oxley, Horace F., and W. H. Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of acetic acid. 1,937,528; Dec. 5.
- Oxweld Acetylene Company. (See Biers, Howard W. R., assignor.)
- Oxweld Railroad Service Company, The. (See Oldham, S., and Hasse.)
- Oxwell Acetylene Company. (See Keir, James M., assignor.)
- Oyster, Earl F. (See Spikerman, F. T., and Oyster.)
- Oyster, Earl F., Cleveland Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Roll-over machine. 1,922,744; Aug. 15.
- Oyster, Earl F., Shaker Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Mold making machine. 1,931,902; Oct. 24.
- Oyster, Earl F., Shaker Heights, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Molding machine clamp. 1,937,910; Dec. 5.
- Oyster, Ray C. (See Cope, F. T., and Oyster.)
- Ozabal, Rudolph M., Chicago, Ill. Comb cleaner. 1,921,002; Aug. 8.
- Ozark Novelty Company. (See Bugg, Kenly C., assignor.)
- Ozburn, Floyd A., Los Angeles, Calif. Fish lure. 1,923,840; Aug. 22.
- Ozberger, Rudolf, Vienna, Austria. Alloy of nickel, silver, tin, and copper. 1,903,192; Mar. 28.
- P-G Publishing Company. (See Barnes, Jacob C., assignor.)
- P. L. Corporation. (See Pigott, Reginald J. S., assignor.)
- P & M Company, The. (See Warr, Harold G., assignor.)
- P O B Manufacturing Company, The. (See Glascock, Harry, assignor.)
- P. & R. Tool Company. (See Lester, Nathan, assignor.)
- Paasche, Jens A., Wilmette, Ill. Air painting system and the like. 1,893,562; Jan. 10.
- Paasche, Jens A., Chicago, Ill. Pressure tank and the like. 1,899,244; Feb. 28.
- Pabst, Albert, jr., Youngstown, Ohio. Safety device for material handling apparatus. 1,907,069; May 2.
- Pabst Corporation. (See Stoll, Julius E., assignor.)
- Pacent Electric Company. (See Parker, Oliver B., assignor.)
- Pacent, Louis G. (See Goodrum, Charles L., assignor.)
- Pacher, Josef V., assignor to The International Postal Supply Company, Brooklyn, N. Y. Lock. 1,911,324; May 30.
- Pachowicz, Edmund. (See Jakoubek, F. J., and Pachowicz.)
- Pacific Can Company. (See Douglass, Henry J., C. D., and Leve, assignors.)
- Pacific Can Co. (See Krueger, Frank, assignor.)
- Pacific Can Company. (See Leve, Marcus S., assignor.)
- Pacific Car and Foundry Company. (See Langdon, Robert S., assignor.)
- Pacific Clay Products. (See Jewell, Howard W., assignor.)
- Pacific Coast Borax Company. (See Corkill, Frederick W., assignor.)
- Pacific Coast Borax Company. (See Cramer, Thomas M., assignor.)
- Pacific Coast Borax Company. (See Cramer, T. M., and Connell, assignors.)
- Pacific Coast Steel Corporation. (See Morgan, R. M., and Harden, assignors.)
- Pacific Copper and Brass Works Incorporated. (See Travis, Bertram C., assignor.)
- Pacific Egg Producers Cooperative, Inc. (See Powell, Charles K., assignor.)
- Pacific Electric Manufacturing Corporation. (See Girdwood, Gordon, M., assignor.)
- Pacific Electric Manufacturing Corporation. (See Rea, James C., assignor.)
- Pacific Flush Tank Company. (See Schlenz, Harry E., assignor.)
- Pacific Gun Sight Company. (See Sutton, Walter, assignor.)
- Pacific Hair Goods Company Ltd. (now Duart Manufacturing Co. Ltd.). (See Moseley, Tomlinson I., assignor.)
- Pacific Lumber Company. (See Carson, Francis L., assignor.)
- Pacific Lumber Company, The. (See Nevin, James V., assignor.)
- Pacific Marine Supply Company. (See Andrews, Phillip R., assignor.)
- Pacific Marine Supply Company. (See Himberger, Earl W., assignor.)
- Pacific Pipe and Supply Company. (See Ott, O. W., and Smithers, assignors.)
- Pacific Pitting Machine Company Inc. (See Bem, Joseph P., assignor.)
- Pacific Portland Cement Company. (See Colton, James H., assignor.)
- Pacific Pump Works. (See Bigelow, G. E., and Weis, assignors.)
- Pacific Pump Works et al. (See Weis, Arthur R., assignor.)
- Pacific Safety Equipment Company. (See Bullard, Edward W., assignor.)
- Pacific Tractor Equipment Inc. (See Maloon, Earl B., assignor.)
- Pacine, August J., Chicago, Ill. Cascara sagrada. 1,917,598; July 11.
- Pacini, August J., assignor to Sun-A-Sured, Inc., Chicago, Ill. Antiricketic substance and the production thereof. 1,920,587; Aug. 1.
- Pacini, August J., Chicago, Ill., assignor to C. M. Richter, New York, N. Y. Treating tobacco. 1,920,588; Aug. 1.
- Pack, Charles, Jackson Heights, N. Y. Die casting. 1,935,059; Nov. 14.
- Pack, Charles, Jackson Heights, N. Y. Die-casting machines. 1,936,141; Nov. 21.
- Pack, Herschel G., San Francisco, Calif. Attachment for vacuum tubes. 1,918,863; July 18.
- Pack Shops, Inc. (See Sagebury, Herman F., assignor.)
- Pack, William E., Oakland, Calif. Roofer's gauge. 1,900,196; Mar. 7.
- Pack, William E., Oakland, Calif. Pitch gauge. 1,900,197; Mar. 7.
- Package Box Company, The. (See Burke, Hubert H., assignor.)
- Package Improvement Co. (See Ware, Richard P., assignor.)
- Package Machinery Company. (See Fischer, H. O., and Fuller, assignors.)
- Package Machinery Company. (See Fuller, Frederic B., assignor.)
- Package Machinery Company. (See Langhammer, Paul, assignor.)
- Package Machinery Company. (See Smith, Elmer L., assignor.)
- Package Machinery Company. (See Smith, E. L., and Fuller, assignors.)
- Package Machinery Company. (See Smith, E. L., and Krussell, assignors.)
- Packard, Calvin P. (See Macrae, J. N., and Packard.)
- Packard, Charles A., Dallas, Tex. Recording lamp. 1,903,128; Mar. 28.
- Packard Electric Corporation. (See Johnstone, Winters S., assignor.)
- Packard Electric Corporation. (See Mohr, Hubert C., assignor.)
- Packard Motor Car Company. (See Barden, E. M., and Benoit, assignors.)
- Packard Motor Car Company. (See Brown, Robert N., assignor.)
- Packard Motor Car Company. (See Christman, John M., assignor.)
- Packard Motor Car Company. (See Christman, J. M., and Kline, assignors.)
- Packard Motor Car Company. (See Dorner, Hermann I. A., assignor.)
- Packard Motor Car Company. (See Dorner, H. I. A., and Widmann, assignors.)

- Packard Motor Car Company. (See Edwards, Herbert C., assignor.)
- Packard Motor Car Company. (See Gauthier, Adelard J., assignor.)
- Packard Motor Car Company. (See Griswold, Walter R., assignor.)
- Packard Motor Car Company. (See Gunn, Earl G., assignor.)
- Packard Motor Car Company. (See Holden, Fenn M., assignor.)
- Packard Motor Car Company. (See Kline, Arthur L., assignor.)
- Packard Motor Car Company. (See Knapp, Archer L., assignor.)
- Packard Motor Car Company. (See Litle, Thomas J., jr., assignor.)
- Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
- Packard Motor Car Company. (See Murphy, E. B., Benoit, and Barden, assignors.)
- Packard Motor Car Company. (See Rossman, Peter F., assignor.)
- Packard Motor Car Company. (See Skonieczny, William B., assignor.)
- Packard Motor Car Company. (See Summers, Caleb E., assignor.)
- Packard Motor Car Company. (See Summers, C. E., and Manning, assignors.)
- Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
- Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
- Packard Motor Car Company. (See Wacker, Herbert E., assignor.)
- Packard Motor Car Company. (See Weigman, Clarence H., assignor.)
- Packard Motor Car Company. (See Wishon, Ralph, assignor.)
- Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
- Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
- Packer, Hartley G., Reno, Nev. Device for securing milk can covers. 1,893,102; Jan. 3.
- Packer, Hartley G., Reno, Nev. Device for securing milk can covers. 1,898,262; Feb. 21.
- Packer, Joseph W. (See Coughlin, Francis G., assignor.)
- Packer, Lewis C., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company. Portable electric tool. 1,922,258; Aug. 15.
- Packer, Lewis C., Longmeadow, and R. E. Kruck, Springfield, Mass., assignors to Westinghouse Electric and Manufacturing Company. Vacuum cleaner. Des. 89,913; May 16.
- Packer Manufacturing Co., The. (See Webber, Calvin R., assignor.)
- Packer, Mortimer L., assignor to F. O. Schoedinger, Columbus, Ohio. Gas burner. 1,910,711; May 23.
- Packers Supply Company Limited. (See Abbott, Geoffrey J., assignor.)
- Packie, John W. (See Stines, D. E., and Packie.)
- Packing Products Corporation. (See Koppelman, Morris, assignor.)
- Packman, Percival J. (See Heyne, W. O., and Packman.)
- Paddock, Levi S., assignor to Swift & Company, Chicago, Ill. Branding meat products. 1,895,641; Jan. 31.
- Paden, Matthew W., and V. G. Opdyke, Rockford, Ill. Valve control apparatus for dry pipe sprinkler systems. 1,900,300; Mar. 7.
- Paden, William L., assignor to Ohmer Fare Register Company, Dayton, Ohio. Check ejecting mechanism. 1,899,290; Feb. 28.
- Padgett, Joseph E., Toledo, Ohio. Making bearings. 1,930,131; Oct. 10.
- Padgett, Joseph E., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Transmission gearing with rear clutch. 1,916,891; July 4.
- Padgett, Wiley M., Brewton, Ala. Wrench. 1,928,843; Oct. 3.
- Padgett, Wistar R., and W. T. Brinson, Raleigh, N. C. Typographical machine. 1,925,968; Sept. 5.
- Padis, George, Norfolk, Va. Marine propeller having a transverse motion. 1,894,494; Jan. 17.
- Paesler, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Duplex system of telephony. 1,904,517; Apr. 18.
- Paetznick, Harry A., Hawick, Minn. Radiator shutter. 1,914,863; June 20.
- Paffen, Paul J. (See Woodcock, J. C., and Paffen.)
- Paganello, Nunzio, assignor to Emanuele Bellassai, Brooklyn, N. Y. Doll's eyes. 1,940,504; Dec. 19.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitted fabric. 1,903,706; Apr. 11.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Binding and cutting mechanism for knitting machines. 1,919,123; July 18.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Automatic machine for making patterned hosiery. 1,920,427; Aug. 1.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 1,922,977; Aug. 15.
- Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 1,933,681; Nov. 7.
- Page, Albert E., Brooklyn, and H. Swinglehurst, jr., Floral Park, assignors to Scott & Williams, Incorporated, New York, N. Y. Machine for making knitted fabric. 1,906,204; Apr. 25.
- Page, Albert E. and F. R., Brooklyn, assignors to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 1,925,932; Sept. 5.
- Page, Alfred C., assignor to Detroit Trust Company, Detroit, Mich. Method and apparatus for lapping gears. 1,912,216; May 30.
- Page, Alfred R. (See Hinchliffe, Alfred W., assignor.)
- Page, Almada, Bristol, assignor to Triple-Seal, Incorporated, Plainville, Conn. Household oil burner. 1,927,595; Sept. 19.
- Page, Alwin jr., Bellevue, Pa., assignor to The Koppers Company of Delaware. Bracket for belt pulleys. 1,920,950; Aug. 1.
- Page, Blin W. (See Tewksbury, Allen M., assignor.)
- Page, Charles E., Los Angeles, Calif. Drip coffee maker. Des. 89,055; Jan. 17.
- Page, Charles E., Los Angeles, Calif. Handle for coffee makers. Des. 89,408; Mar. 7.
- Page, Charles E., Los Angeles, Calif. Drip coffee maker. 1,905,350; Apr. 25.
- Page, Charles L., St. Paul, Minn. Stepladder. 1,934,086; Nov. 7.
- Page, Charles U., Evansville, Ind. Connector for neon tubes. 1,940,868; Dec. 19.
- Page, Edward B., Eastbourne, England. Brush making machinery. 1,911,203; May 30.
- Page, Everett W., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray film package. 1,909,312; May 16.
- Page, Everett W., River Forest, assignor to General Electric X-Ray Corporation, Chicago, Ill. Radiography. 1,939,829; Dec. 19.
- Page, Frank R. (See Page, A. E. and F. R.)
- Page, Frank R., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Variable splicing means for knitting machines. 1,920,879; Aug. 1.
- Page, George A., deceased, Freehold, N. J., Nanon Aircraft Page, executrix. Zone filter. 1,938,085; Dec. 5.
- Page, George A., jr. (See Beisel, R. B., and Page.)
- Page, George A., jr., Freeport, N. Y., assignor, by mesne assignments, to Curtiss Aeroplane & Motor Company, Inc. Rudder pedal adjusting mechanism. 1,902,094; Mar. 21.
- Page, George A., jr., Freeport, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Apparatus for cooling internal combustion engines. 1,906,404; May 2.
- Page, Harley H., et al. (See Sprague, Joseph J. and E. W., assignors.)
- Page & Hill Co. (See Farnam, Julian P., assignor.)
- Page, Howard P., et al. (receiver). (See Mueller, Paul F., assignor.)
- Page, John E., Sydney, New South Wales, Australia, assignor to The Guardian Trust Company, Cleveland, Ohio, trustee for The Gibson Patent Containers, Ltd. Machine for assembling container parts. 1,916,281; July 4.
- Page, Marshall H., Kansas City, Mo. Safety razor. 1,912,720; June 6.
- Page, Milton H., Cohoes, N. Y. Sound recording device. 1,902,290; Mar. 21.
- Page, Ralph E. (See Daly, G. F., and Page.)
- Page, Nanon A., executrix. (See Page, George A.)
- Page, Ralph E., and C. D. Lake, Binghamton, assignors to The Tabulating Machine Company, Endicott, N. Y. Group indicating system. 1,916,986; July 4.
- Page, Ralph H., Scarsdale, N. Y. Garment hanger. 1,922,858; Aug. 15.
- Page, Robert M., Washington, D. C. Frequency division circuit. 1,896,417; Feb. 7.
- Page, Robert M., Washington, D. C. Relaxation oscillator and amplifier system. 1,921,476; Aug. 8.
- Page, Robert M., and W. F. Curtis, Washington, D. C. Frequency division system. 1,919,251; July 25.
- Page, Robert R., Crestwood, N. Y. Articulated fountain divider. 1,893,148; Jan. 3.
- Page, Rosario J., Fort Kent, Me. Surgical instrument. 1,907,200; May 2.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,083; June 6.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,123; June 13.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,124; June 13.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,139; June 13.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,211; June 27.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 90,727; Sept. 19.
- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 91,212; Dec. 19.

- Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 91,249; Dec. 26.
- Page, Warren E., San Francisco, Calif. Vacuum cleaner bag attachment. 1,894,884; Jan. 17.
- Page, William, Philadelphia, Pa. Fluid operative control. 1,934,206; Nov. 7.
- Paget, Charles E., Huntsville, Ontario, Canada. Sectional door. 1,903,065; Mar. 28.
- Paget, Win W., Chicago, Ill., assignor to Sullivan Machinery Company. Air compressor. 1,919,252; July 25.
- Pagett, William P., Denver, Colo. Automatic golf ball teeing device. 1,940,321; Dec. 19.
- Pagluchi, Frank D., New York, N. Y. Hydrostatic pump. 1,893,440; Jan. 3.
- Pagnozzi, Joseph A. (See Perriera, A. R., and Pagnozzi.)
- Pagon, Willard W. (See Ober, B., Pagon, Pruett, and Troxell.)
- Pagon, William W., and W. W. Troxell, assignors, by mesne assignments, to Oberphos Company, Baltimore, Md. Valve. 1,933,182; Oct. 31.
- Pahl, August J., Berkeley, Calif. High tension line switch. 1,898,387; Feb. 21.
- Pahl, Heinrich, Dusseldorf-Rath, Germany. Rubber hose. 1,914,455; June 20.
- Pablow, Gustav C., assignor to Victor Casket Hardware Company, Galesburg, Ill. Grave vault handle. 1,934,323; Nov. 7.
- Paige, Arthur E., Philadelphia, Pa. Liquid dispensing apparatus. 1,914,817; June 20.
- Paige, Arthur E., Philadelphia, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Heating. 1,930,842; Oct. 17.
- Paige, Arthur E., Philadelphia, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Heating system. 1,937,909; Dec. 5.
- Paige, Arthur E., Philadelphia, Pa., assignor to Hightstown Rug Company, Hightstown, Del. Spool. 1,941,413; Dec. 26.
- Paige, Arthur J., Detroit, Mich. Double acting engine. 1,932,142; Oct. 24.
- Paine, Enoch E., Cleveland Heights, and W. S. Vrooman, assignors to The Paine & Williams Company, Cleveland, Ohio. Floor covering for automobiles and the like. 1,928,867; Oct. 3.
- Paine, Harry W., Toledo, Ohio. Auxiliary air valve and fuel modifier for internal combustion motors. 1,899,476; Feb. 28.
- Paine, Wilbur V., East Hartford, Conn., assignor to The Spencer Turbine Company, Hartford, Conn. Filter for dust collectors. Re18,822; May 2.
- Paine, Wilbur V., East Hartford, assignor to The Spencer Turbine Co., Hartford, Conn. Valve outlet fixture. 1,894,222; Jan. 10.
- Paine & Williams Company, The. (See Paine, E. E., and Vrooman, assignors.)
- Paine and Williams Company, The. (See Vrooman, William S., assignor.)
- Pair, Doyle F. (See Walburt, William M., assignor.)
- Paisley, James R., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Opening packs of sheet steel. 1,914,614; June 20.
- Paisseau, Jean, and R. Germain, Paris, France. Plate and panel with inscriptions or designs. 1,909,220; May 16.
- Paiste, Henry T., Philadelphia, Pa. Switch. 1,908,441; May 9.
- Pajeau, Charles H., Glencoe, assignor to The Toy Tinkers, Inc., Evanston, Ill. Toy construction block. 1,915,835; June 27.
- Pajeau, Charles H., Glencoe, assignor to The Toy Tinkers, Inc., Evanston, Ill. Toy construction block. 1,916,634; July 4.
- Pajeau, Charles H., Glencoe, assignor to The Toy Tinkers, Inc., Evanston, Ill. Collapsible necktie-holder. 1,937,911; Dec. 5.
- Palais, Harry, Roxbury, Mass. Sheet material article and making the same. 1,923,881; Aug. 22.
- Palazzo, Fortunato. (See Palazzo, Francesco C. and F.)
- Palazzo, Francesco C. and F., Florence, Italy. Simultaneous production of precipitated dicalcium phosphate and nitrates. 1,903,684; Apr. 11.
- Palen, Vernon W., Flushing, N. Y. Circuit control means. 1,893,336; Jan. 3.
- Palenske, Frederick C., assignor to Industrial Rubber Goods Company, St. Joseph, Mich. Rubber weather-strip. 1,903,225; Mar. 28.
- Palermitt, Joseph, Flint, Mich. Radiator. 1,899,633; Feb. 28.
- Palin, Fred C., Newton, Ind. Hoe, mulcher, and weed destroyer. 1,903,264; Mar. 28.
- Palisca, Matthew, Oaklyn, N. J. Submersible apparatus for the rescue of those entombed in sunken vessels. 1,917,850; July 11.
- Palkin, Samuel, Washington, D. C., and H. R. Watkins, Somerset Md. Purification and preservation of ether. 1,893,870; Jan. 10.
- Pall, George. (See Santarsiero, Anthony V., assignor.)
- Palla, Fred G., New York, N. Y. Self-defensive firearm. 1,906,870; May 2.
- Palluch, Ferencz, Budapest, Hungary, assignor of one-half to Frank Schwartz, New York, N. Y. Stroboscopic device. 1,923,277; Aug. 22.
- Palm, Hugo, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Radiotube base pin locating device. 1,920,662; Aug. 1.
- Palm, Oscar A. and V., Detroit, Mich. Starter motor drive. 1,910,043; May 23.
- Palm, Victor. (See Palm, Oscar A., and V.)
- Palmaer, Knut W., Stockholm, Sweden. Removing one or more of the metals of the iron group from solutions containing salts of one or more of the said metals. 1,900,996; Mar. 14.
- Palm Beach Garment Company. (See Castlen, Robert C., assignor.)
- Palmer, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker spindle mounting for looms. 1,937,435; Nov. 28.
- Palmer, Bertram L. (See Harding, F. B., and Palmer.)
- Palmer, Bruce, U. S. Army, Fort Riley, Kans. Gun mount. 1,896,186; Feb. 7.
- Palmer, Edmund W. (See Christian, D. A., and Palmer.)
- Palmer, Floyd L., Waverly, assignor to The Lundin Electric & Machine Co., Boston, Mass. Incandescent lamp socket remover. 1,896,680; Feb. 7.
- Palmer, Frank C., West Palm Beach, Fla. Mechanical friction brake ensemble. 1,903,723; Apr. 11.
- Palmer, Frederick, and J. E. McAuliffe, assignors to Triangle Conduit Company, Inc., Brooklyn, N. Y. Electric cable. 1,940,225; Dec. 19.
- Palmer, George. (See Tuki, Ken, and Palmer.)
- Palmer, Harry A., Boston, Mass., assignor to Palmer Inventions, Incorporated. Pump mechanism. 1,904,799; Apr. 13.
- Palmer, Harry A., assignor to Palmer Inventions, Inc., Boston, Mass. Internal combustion motor. 1,914,284; June 13.
- Palmer, Harry A., Jackson, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Apparatus for forming rim members. 1,926,400; Sept. 12.
- Palmer, Harry G., Hamden, assignor to The Andrew B. Hendryx Company, New Haven, Conn. Bird cage. 1,896,097; Feb. 7.
- Palmer, Harry L., Schenectady, N. Y., assignor to General Electric Company. Electrical control system. 1,902,462; Mar. 21.
- Palmer, Harry L., Scotia, N. Y., assignor to General Electric Company. Electrical control circuit. 1,936,407; Nov. 21.
- Palmer, Herbert R., Shaker Village, Ohio. Grass trimmer. 1,919,377; July 25.
- Palmer Inventions, Incorporated. (See Palmer, Harry A., assignor.)
- Palmer, John, Vancouver, British Columbia, Canada, and E. W. Sweigard, San Diego, Calif. Mailing envelope. 1,939,721; Dec. 19.
- Palmer, John F., Milwaukee, Wis. Eraser cleaner. 1,935,250; Nov. 14.
- Palmer, John V., assignor of one-third to H. I. Neaman and one-third to J. M. Masee, Pittsburgh, Pa. Connector for railway rails. 1,893,208; Jan. 3.
- Palmer, Lela G. (See Palmer, Ray M. and L. G.)
- Palmer, Lester E., Osborn, Ohio, assignor of one-half to Wabash Portland Cement Company, Detroit, Mich. Apparatus for simultaneously cooling cement clinker and extracting moisture from slurry. 1,937,094; Nov. 28.
- Palmer Match Company. (See Palmer, T. A., and Denmead, assignors.)
- Palmer, Philip S., assignor of one-half to G. W. Putnam, Spokane, Wash. Seed planter. 1,928,908; Oct. 3.
- Palmer, Ray M. and L. G., Pasadena, Calif. Fishing lure. 1,897,529; Feb. 14.
- Palmer, Raymond G., Sherbourne Hill, Warwick, England. Vehicle for collecting containers. 1,920,663; Aug. 1.
- Palmer, Richard E., Kenmore, N. Y., assignor to Manning & Co., Chicago, Ill. Faling strip attaching means. 1,939,223; Dec. 12.
- Palmer, Robert, Niskayuna, N. Y., assignor to General Electric Company. Welding process. 1,916,014; June 27.
- Palmer, Robert, Niskayuna, N. Y., assignor to General Electric Company. Making hard metal compositions. 1,918,212; July 11.
- Palmer, Robert C., J. L. Burda, and A. F. Oliver, Pensacola, Fla., assignors, by mesne assignments, to Newport Industries, Inc. Purifying rosin. 1,905,493; Apr. 25.
- Palmer, Robert C., and P. O. Powers, assignors to Newport Industries, Inc., Pensacola, Fla. Sulphurized terpene oil and preparing the same. 1,926,687; Sept. 12.
- Palmer, Stanley D., Joplin, Mo. Grease rack. 1,921,320; Aug. 8.
- Palmer, Stanton, Chicago, Ill., assignor, by mesne assignments, to Snap-on Tools, Inc., Kenosha, Wis. Valve lifter. 1,922,392; Aug. 15.
- Palmer, Stephen L., Teaneck, N. J. Hollow rubber article and making the same. 1,897,025; Feb. 7.
- Palmer, Thomas A., and J. W. Denmead, Akron, Ohio, assignors to Palmer Match Company. Sanding machine. 1,927,445; Sept. 19.
- Palmer, Townsend, Middletown, Conn. Mechanism and process of producing buckram. 1,926,915; Sept. 12.
- Palmgren, Nils A., Gottenborg, Sweden. Double-acting coil spring clutch. 1,909,420; May 16.
- Palmgren, Nils A., Gottenborg, Sweden. Coil friction clutch. 1,935,782; Nov. 21.

- Palmgren, Per G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Bearing mounting. 1,904,247; Apr. 18.
- Palmgren, Per G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Rolling mill. 1,908,268; May 9.
- Palmgren, Per G., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Rolling mill. 1,908,269; May 9.
- Palmieri, Emanuel, New York, N. Y. Push button valve. 1,911,286; May 30.
- Palmyra Manufacturing Company. (See Erni, Walter, assignor.)
- Palnut Company, The. (See Hotchkiss, James R., assignor.)
- Palter-De Liso Inc. (See De Liso, Vincent, assignor.)
- Palumbo, Anthony J., Newark, N. J. Dustproof trunk molding. 1,914,154; June 13.
- Palumbo, Donato, Pueblo, Colo. Automatic door opener. 1,930,824; Oct. 17.
- Pambrun, Leopold B., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Film drier. 1,938,400; Dec. 5.
- Pampaian, James H., Reedley, and M. H. Evkhanian, Pasadena, Calif. Rug cleaning and stretching device. 1,933,565; Nov. 7.
- Pampel, Frederick A., assignor to Chain Belt Company, Milwaukee, Wis. Loading mechanism for traveling conveyers. 1,925,990; Sept. 5.
- Pamplin, James E., San Francisco, Calif. Bath mitt. 1,941,320; Dec. 26.
- Pamplin, James R., Springfield, Mo. Razor. 1,929,711; Oct. 10.
- Pan American Frozen Products, Inc. (See Davidson, Clarence M., assignor.)
- Panco Rubber Company. (See Berenstein, Frank, assignor.)
- Pandolfi, Paolo F., Buffalo, N. Y. Form for plastic materials. 1,897,530; Feb. 14.
- Pandolfi, Paolo F., Buffalo, N. Y. Concrete block mold. 1,925,733; Sept. 5.
- Panfil, Conrad J., Milwaukee, Wis. Container. 1,931,032; Oct. 17.
- Pangborn Corporation. (See Dorfan, Morton L., assignor.)
- Pangborn Corporation. (See Hull, Foster J., assignor.)
- Pangborn Corporation. (See Rosenberger, William A., assignor.)
- Panhandle Refining Company. (See Sims, W. F., and Cloer, assignors.)
- Panhorst, Gustav, Bremen, Germany. Adjustable reclining chair. 1,939,568; Dec. 12.
- Panish, Edwin J., Bridgeport, Conn., assignor of one-half to W. B. Chapman, Jackson Heights, Long Island, N. Y. Sound reproducing mechanism. 1,918,777; July 18.
- Pank, Harold George, Adelaide, South Australia, Australia. Optical testing apparatus. 1,920,428; Aug. 1.
- Pannier Brothers Stamp Company. (See Pannier, Oscar M., assignor.)
- Pannier, Oscar M., Kilbuck Township, Allegheny County, assignor to Pannier Brothers Stamp Company, Pittsburgh, Pa. Embossing sheet metal. 1,912,153; May 30.
- Pantex Pressing Machine, Inc. (See Pendleton, Pyam L., assignor.)
- Panther-Panco Rubber Co. Inc. (See Crossman, Harry, assignor.)
- Panther-Panco Rubber Co. Inc. (See Klein, Myer S., assignor.)
- Panther Rubber Manufacturing Company. (See Crossman, H., Greenbaum, and Bernstein, assignors.)
- Pantke, Oskar, College Point, N. Y., assignor, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Low temperature phenol-formaldehyde resins and making same. 1,909,786; May 16.
- Pantke, Oskar, College Point, N. Y., assignor, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Low temperature phenol-formaldehyde resins and making same. 1,909,787; May 16.
- Pantke, Oskar, College Point, N. Y., assignor, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Imitation ivory and making same. 1,909,788; May 16.
- Pantke, Oskar, College Point, N. Y., assignor, by mesne assignments, to Catalin Corporation of America, Fords, N. J. Synthetic resin resembling natural marble and making same. 1,909,789; May 16.
- Pantone Corporation. (See Trist, Arthur R., assignor.)
- Panullo, Henry, Atlantic City, N. J. Sanitary appliance. 1,919,124; July 18.
- Panyard, John F., assignor to M. B. Panyard, Detroit, Mich. Tire boot. 1,895,340; Jan. 24.
- Panyard, Minnie B. (See Panyard, John F., assignor.)
- Panzgrau, Norman O. (See Baker, D. B., Rogers, and Panzgrau.)
- Panzgrau, Norman O. (See Rosenthal, W. C., and Panzgrau.)
- Panzer, Louis, Rochester, N. Y. Food chopper. 1,930,768; Oct. 17.
- Paoli, Arthur, Ironwood, Mich. Banana protector. Re18,728; Feb. 7.
- Paoloni, Carlo. (See Carughi, A., and Paoloni.)
- Papadopoulos, Georgebys P., assignor of sixty-six and two-thirds per cent to A. V. Bizer, Detroit, Mich. Hat block. 1,903,912; Apr. 18.
- Papas, Nick, Corona, N. Y., assignor to Alpine Ice Cream Co. Inc. Automobile truck body. Des. 90,547; Aug. 22.
- Pape, Louis R. (See McElroy, R. H., and Pape.)
- Pape, Wilhelm. (See Weber, H., and Pape.)
- Pape, William F., Chicago, Ill. Spreader. 1,894,223; Jan. 10.
- Papac Machine Company. (See Bullock, Fred J., assignor.)
- Paper & Textile Company, The. (See Farnsworth, Hiland R., assignor.)
- Paper & Textile Machinery Company, The. (See Kutter, Herman L., assignor.)
- Paper & Textile Machinery Company, The. (See Leser, Arthur P., assignor.)
- Paper Mills Laboratories, Inc. (See Wells, Sidney D., assignor.)
- Paper Novelty Manufacturing Co. (See Cohen, Sol D., assignor.)
- Paper Patents Company. (See Fleck, Louis C., assignor.)
- Paper Patents Company. (See Germanson, Rudolph C., assignor.)
- Paper Patents Company. (See Germanson, R. C., and Kranhold, assignors.)
- Paper Patents Company. (See John, H., and Le Febvre, assignors.)
- Paper Patents Company. (See John, H., Le Febvre, and Du Bois, assignors.)
- Paper Patents Company. (See Keck, Daniel H., assignor.)
- Paper Patents Company. (See Kellett, William R., assignor.)
- Paper Patents Company. (See Rothchild, H. A., and Limpert, assignors.)
- Paper Patents Company. (See Sewall, Arthur C., assignor.)
- Paper Patents Company. (See Swanson, Walter H., assignor.)
- Paper Service Company, The. (See Rowe, William W., assignor.)
- Papò, Armando, and A. Gentilini, Rome, Italy. Moving picture machine. 1,898,850; Feb. 21.
- Pappalias, Constantine, Chicago, Ill. Stock sheet for postage stamps. 1,912,091; May 30.
- Pappert, Emanuel, Flushing, N. Y., assignor to The Fulv Sales Company, Washington, D. C. Spectacle frame. Des. 90,994; Nov. 7.
- Papyrus, A. G. (See Buchner, Carl, assignor.)
- Paquette, Eugene A., Williamsett, Mass. Fire extinguisher. 1,910,445; May 23.
- Paquette, Herman, Chicago, Ill. Frost eliminator for vehicles. 1,902,888; Mar. 28.
- Paquette, William P., Asheville, N. C. Gas generator. 1,907,264; May 2.
- Paquin, Max, Königstein-on-Taunus, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Urea condensation products and making them. 1,902,889; Mar. 28.
- Paquin, Max, Königstein-on-the-Taunus, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Condensation product from urea and an alcohol or a ketone and preparing them. 1,924,283; Aug. 29.
- Paquin, Max, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Printing colors and preparing them. 1,909,221; May 16.
- Paquit, Vital, New York, N. Y. Mechanical combination for reversible pitch propellers. 1,897,817; Feb. 14.
- Paradis, Joseph P. (See Chouinard, M., and Paradis.)
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Corn harvester. 1,925,275; Sept. 5.
- Paradise, Louis A., and E. F. Huddle, assignors to Deere & Company, Moline, Ill. Combined harvester and thresher. 1,910,632; May 23.
- Paradise, Louis A., and E. T. Johnson, assignors to Deere & Company, Moline, Ill. Binder driving mechanism. 1,913,038; June 6.
- Paradise, Louis A., and W. J. Coultas, assignors to Deere & Company, Moline, Ill. Harvester. 1,925,276; Sept. 5.
- Paradise, Louis A., and W. J. Coultas, assignors to Deere & Company, Moline, Ill. Draft connection. 1,935,987; Nov. 21.
- Paradise, Morris E., assignor to Grigsby-Grunow Company, Chicago, Ill. Loud speaker. 1,924,803; Aug. 29.
- Paradise, Raymond P., Indianapolis, Ind. Nozzle. 1,922,259; Aug. 15.
- Paradun, Peter Viceroy, Saskatchewan, Canada. Conductor wire clip. 1,933,027; Oct. 31.
- Paraffine Companies. (See Bradley, Thomas S., assignor.)
- Paraffine Companies, The. (See Case, Leland S., assignor.)
- Paraffine Companies, The. (See Finley, Dozier, assignor.)
- Paraffine Companies, Inc., The. (See Irving, A. H., and Robertson, assignors.)
- Paraffine Companies, Inc., The. (See Rosener, Leland S., assignor.)
- Paraffine Companies, Inc., The. (See Rosener, L. S., and Nutting, assignors.)
- Paragon Metal Container Company. (See Evans, Llewellyn W., assignor.)
- Paragon Revolute Corporation. (See Sullivan, Harry H., assignor.)
- Paramount Carburetor Corporation. (See Hofbauer, Casper E., assignor.)
- Paramount Public Corporation. (See Barkeley, James T., assignor.)
- Paramount Public Corporation. (See Del Riccio, Lorenzo, assignor.)

- Paramount Publix Corporation. (See Pomeroy, R. J., and Olson, assignors.)
- Paramount Publix Corporation. (See Shaw, Joseph, assignor.)
- Paramount Textile Machinery Co. (See Prosser, Thomas W., assignor.)
- Paramount Textile Machinery Co. (See Prosser, T. W., and Mittelstadt, assignors.)
- Paramount Textile Machinery Company. (See Stetten, Julius O. V., assignor.)
- Parayre, Jean J. (See Bourgeois, F. J., and Parayre.)
- Parcell, Charles E., Vinton, Iowa. Variable condenser. 1,905,601; Apr. 25.
- Parchlite Corporation. (See Burke, Alfred, assignor.)
- Parco Specialty Co. (See Evans, Harold A., assignor.)
- Pardee, Frank, assignor to Anthracite Separator Company, Hazleton, Pa. Silo runway. 1,928,459; Sept. 26.
- Pardee, Harvey S. (See Blackhall, J. R., and Pardee.)
- Pardee, Harvey S., Ravinia, assignor to J. R. Blackhall, Highland Park, Ill. Hydropneumatic power system. 1,927,752; Sept. 19.
- Pardee, Howard J., New York, N. Y. Gas control unit. 1,912,383; June 6.
- Pardee, Lloyd W., Lakewood, assignor to The Scott and Fetzer Company, Cleveland, Ohio. Suction cleaner. 1,907,861; May 9.
- Pardee, Robert J., Cleveland Heights, Ohio, assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Draw press. 1,911,385; May 30.
- Pardini, Quinto, Peckville, Pa. Shaker chute construction. 1,930,884; Oct. 17.
- Pardon, Ernest J. (See Hoerle, W. F., and Pardon.)
- Pardue, John L. (See Pardue, Theodore M. and J. L.)
- Pardue, John L., assignor of one-third to T. M. Pardue and one-third to W. A. Pardue, St. Louis County, Mo. Closure for receptacles. 1,901,982; Mar. 21.
- Pardue, Theodore M., et al. (See Pardue, John L., assignor.)
- Pardue, Theodore M. and J. L., St. Louis County, Mo. Airplane instruction device. 1,912,721; June 6.
- Pardue, Theodore M. and J. L., St. Louis, Mo. Airplane instruction device. 1,937,241; Nov. 28.
- Pardue, William A., et al. (See Pardue, John L., assignor.)
- Parel, Karl, assignor to Telephon- und Telegraphenfabriks-A. G. Kapsch U. Söhne, Vienna, Austria. Telephone. 1,903,707; Apr. 11.
- Parent, Emile J., Hartford, assignor to The Whitlock Coil Pipe Company, West Hartford, Conn. Heat exchange apparatus. 1,900,363; Mar. 7.
- Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Machine for packing matches. 1,923,950; Aug. 22.
- Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Mechanism for stacking cartons and the like. 1,928,210; Sept. 26.
- Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Baltimore, Md. Match feeding mechanism. 1,937,161; Nov. 28.
- Paris, Auguste J. Jr., Charleston, W. Va. Internal combustion engine and operating same. 1,937,242; Nov. 28.
- Paris, Fred F., Berkeley, Calif. Asparagus root grubber. 1,907,332; May 2.
- Paris, Fred F., Berkeley, Calif. Grubber blade mounting means. 1,907,566; May 9.
- Paris, Fred F., Berkeley, Calif. Grubber blade and mounting. 1,907,567; May 9.
- Paris, Fred F., Berkeley, Calif. Self-cleaning shield for rotary implements. 1,910,402; May 23.
- Paris, Hugh P., Oakland, Calif., assignor to Paris Transit Mixer Company, Seattle, Wash. Transit concrete mixer. 1,919,073; July 18.
- Paris, Robert E., New York, N. Y. Record analyzing mechanism. 1,916,232; July 4.
- Paris, Robert E., New York, N. Y. Attachment for meters. 1,933,996; Nov. 7.
- Paris Transit Mixer Company. (See Paris, Hugh P., assignor.)
- Parisl, Michael, assignor to Isidor Goldberg, New York, N. Y. Electron tube with electromagnetic grid control. 1,931,737; Oct. 24.
- Parisl, Michael, assignor to J. Goldberg, New York, N. Y. Electric hammer. 1,940,692; Dec. 26.
- Park, Bruce E., Nichols, and C. M. Park, Waverly, N. Y. Attachment for portable drilling machines. 1,926,788; Sept. 12.
- Park, Carl P., Manchester, N. H., assignor to U. S. Bobbin & Shuttle Company 1929, Providence, R. I. Spool. 1,925,277; Sept. 5.
- Park Chemical Company. (See Kramer, Paul H., assignor.)
- Park, Curtis M. (See Park, B. E. and C. M.)
- Park, James, Jersey City, N. J. Circuit panel. 1,915,199; June 20.
- Park, Matthew C. (See Bedford, Jesse, assignor.)
- Park, Robert E., Jr., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making electrical condensers. 1,904,876; Apr. 18.
- Park, Robert E., Jr., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling machine. 1,941,106; Dec. 26.
- Parke, Davis & Company. (See Lyons, E., and Gruhitz, assignors.)
- Parke, Robert, Buffalo, N. Y. Anti-thumb-sucking device. Des. 90,678; Sept. 12.
- Parker, A. G., & Company. (See Hale, A. T. C., and Keeling, assignors.)
- Parker, Alexander, and G. Parsons, Auckland, New Zealand. Machine for fastening together folded sheets of paper with adhesive material. 1,921,939; Aug. 8.
- Parker, Alonzo L., Los Angeles, Calif. Culinary utensil. 1,906,999; May 2.
- Parker, Alvin C., Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company. Automatic glass blowing machine. 1,915,836; June 27.
- Parker, Arthur H. (See Sebell, Harry, assignor.)
- Parker, Arthur L., Cleveland, Ohio. Tube coupling. 1,893,441; Jan. 3.
- Parker, Arthur L., Cleveland, Ohio. Tube coupling. 1,893,442; Jan. 3.
- Parker, Arthur L., Cleveland, Ohio. Coupling and washer assembly. 1,894,700; Jan. 17.
- Parker, Arthur L., Cleveland, Ohio. Solder fittings and method of soldering. 1,901,820; Mar. 14.
- Parker, Arthur L., Cleveland, Ohio. Flexible coupling system. 1,912,299; May 30.
- Parker, Arthur L., Cleveland, Ohio. Primer for gas engines. 1,934,878; Nov. 14.
- Parker, Burton H., Detroit, Mich. Wrench. 1,898,388; Feb. 21.
- Parker, Cecil J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 1,899,821; Feb. 28.
- Parker, Cecil P. Evanston, Ill. Fountain pen filling means. 1,910,495; May 23.
- Parker, Charles, Chicago, Ill. Solidified edible and making same. 1,915,614; June 27.
- Parker, Charles, Company, The. (See Call, Reginald L., assignor.)
- Parker, Charles, Company, The. (See Parker, Charles S., assignor.)
- Parker, Charles S., assignor to The Charles Parker Company, Meriden, Conn. Shelf bracket. 1,939,408; Dec. 12.
- Parker, Chester James, Carson City, Nev. Clamp for holding dressing in fowls and the like. 1,900,613; Mar. 7.
- Parker, Clara B., executrix. (See Hild, Frederic W., assignor.)
- Parker, Clara B., executrix. (See Parker, George D.)
- Parker, Clara B., executrix. (See Twomley, Herbert E., assignor.)
- Parker, Clara B., executrix of the estate of George D. Parker. (See Twomley, Herbert E., assignor.)
- Parker, Clark W., assignor, by mesne assignments, to Max Bernstein, New York, N. Y. Apparatus for delivering lighted cigarettes and cigars. 1,902,291; Mar. 21.
- Parker, Clark W., New York, N. Y., assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Grease gun. 1,926,495; Sept. 12.
- Parker, Clark W., New York, N. Y., assignor, by mesne assignments, to The Lubrication Corporation, South Bend, Ind. Foldable grease gun. 1,926,496; Sept. 12.
- Parker, Clark W., Brewster, N. Y., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,135; Dec. 26.
- Parker, Edgerton R. (See Weybrecht, C. A., and Parker.)
- Parker, Edwin D., assignor to The Parker Pattern Works Company, Springfield, Ohio. Sweeping machine. 1,892,961; Jan. 3.
- Parker, Elgia L., Hobart, Ind. Propeller construction. 1,920,880; Aug. 1.
- Parker, Eugene, Newton Highlands, assignor to Beacon Burner Mfg. Corp., Boston, Mass. Oil burner. 1,932,597; Oct. 31.
- Parker, Frank W. (See Tyler, C., and Parker.)
- Parker, George. (See Buttress, Joseph A., assignor.)
- Parker, George D. (See Twomley, Herbert E., assignor.)
- Parker, George D., deceased, Riverside, Calif., by Clara B. Parker, executrix. Raising and lowering device. 1,923,012; Aug. 15.
- Parker, George H., Hiawatha, Kans. Telescoping feed trough. 1,896,096; Feb. 7.
- Parker, Guy E. (See Seaholm, E. W., and Parker.)
- Parker, Guy E., Birmingham, Mich., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,912,092; May 30.
- Parker, Harold H., Kenmore, assignor to Du Pont Rayon Company, New York, N. Y. Treating artificial threads. 1,931,266; Oct. 17.
- Parker, Harry T., Oakland, assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Quick detachable coupling. 1,929,190; Oct. 3.
- Parker, Henry C. (See Thompson, Louis T. E., assignor.)
- Parker, Henry C., assignor to Leeds & Northrup Company, Philadelphia, Pa. Control system and apparatus. 1,898,209; Feb. 21.
- Parker, Henry C., Washington, D. C., assignor to Leeds & Northrup Company, Philadelphia, Pa. Conductivity cell. 1,912,997; June 6.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Induction furnace. 1,909,982; May 23.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Preventing destructive electrolytic action. 1,910,044; May 23.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Electron emitter for electron discharge devices. 1,919,596; July 25.

- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Canada. Gaseous discharge device. 1,925,110; Sept. 5.
- Parker, Henry W., Toronto, Ontario, assignor to Rogers Radio Tubes, Limited, Toronto, Canada. Cathode for electron discharge devices. 1,929,931; Oct. 10.
- Parker, Henry W., Toronto, Ontario, assignor to Rogers Radio Tubes, Limited, Toronto, Canada. Photo electric tube. 1,929,932; Oct. 10.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Incandescent lamp. 1,936,854; Nov. 28.
- Parker, Henry W., assignor to Rogers Radio Tubes, Limited, Toronto, Ontario, Canada. Thermionic tube construction. 1,941,107; Dec. 26.
- Parker, Herschel C., Los Angeles, Calif. Apparatus for extracting gold from solutions. 1,932,531; Oct. 31.
- Parker, Howard, assignor to Brown Company, Berlin, N. H. Mechanism for squeezing tube ends. 1,899,291; Feb. 28.
- Parker, Howard, assignor to Brown Company, Berlin, N. H. Mechanism for measuring and counting tubes or the like. 1,909,888; May 16.
- Parker, Howard, assignor to Brown Company, Berlin, N. H. Apparatus for forming fibrous bell-mouth tube ends. 1,929,535; Oct. 10.
- Parker, Howell, Seattle, Wash. Ventilator pipe cap. 1,930,534; Oct. 17.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,904,996; Apr. 25.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,904,997; Apr. 25.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,904,998; Apr. 25.
- Parker, Humphrey F., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,936,878; Nov. 28.
- Parker, James L., Daytona Beach, Fla. Boat. 1,933,598; Nov. 7.
- Parker, Kenneth S. (See Tefft, I. D., and Parker.)
- Parker, Kenneth S., assignor to The Parker Pen Company, Janesville, Wis. Desk set. 1,916,808; July 4.
- Parker, Leslie O., Anderson, Ind., assignor to Delco-Remy Corporation, Dayton, Ohio. Electric lamp. 1,937,912; Dec. 5.
- Parker, Linus J., Dayton, Ohio, assignor, by mesne assignments, to North East Appliance Corporation, Rochester, N. Y. Mixing machine. 1,913,210; June 6.
- Parker, Lionel D., Barrow-in-Furness, assignor to Vickers-Armstrongs Limited, Westminster, England. Rotary kiln for burning cement, ore, and similar materials. 1,905,744; Apr. 25.
- Parker, Lucian E., assignor to The Ohio Match Company, Wadsworth, Ohio. Turning mechanism for book match machines. 1,897,508; Feb. 14.
- Parker, Margaret, administratrix. (See Parker, T. R. G., Spence, and White.)
- Parker, Mary G. (See Allen, G. N., Parker, and Ressegger.)
- Parker, Mary G. (See Bedford, E. B., and Parker.)
- Parker, Milton E., Norfolk, Va., assignor to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md. Improving cream. 1,941,414; Dec. 26.
- Parker, Milton E., Baltimore, Md., and S. Quam, Danville, Ill., assignors to Research Laboratories of National Dairy Products Corporation, Inc., Baltimore, Md. Treating milk and milk products to recover the contained milkfat in substantially pure and neutral condition. 1,941,415; Dec. 26.
- Parker, Oliver B., Brooklyn, assignor to Patent Electric Company, Inc., New York, N. Y. Electric reproducer. 1,916,162; June 27.
- Parker Pattern Works, Company, The. (See Parker, Edwin D., assignor.)
- Parker Pen Company, The. (See Dahlberg, Arthur O., assignor.)
- Parker Pen Company, The. (See Miner, C. S., and Saylor, assignors.)
- Parker Pen Company, The. (See Parker, Kenneth S., assignor.)
- Parker Pen Company. (See Parker, Russell C., assignor.)
- Parker Pen Company, The. (See Tefft, I. D., and Parker, assignors.)
- Parker Pen Company, The. (See Wupper, Benjamin F., assignor.)
- Parker, Philip J., Newark, N. J. Finger guide for typewriters. 1,937,087; Nov. 28.
- Parker, Richard B., Skaneateles, N. Y., assignor to Samuel E. Darby, trustee, Fallsade, N. J. Condenser. 1,895,294; Jan. 24.
- Parker, Richard B., Englewood, N. J., assignor to S. E. Darby, trustee, New York, N. Y. Extracting the volatile constituents from carbonaceous materials. 1,922,321; Aug. 15.
- Parker, Russell C., assignor to Parker Pen Company, Janesville, Wis. Fountain pen. Des. 89,449; Mar. 14.
- Parker Rust-Proof Company. (See Jones, Elmer M., assignor.)
- Parker, Samuel P., Franklinton, N. C. Loom. 1,901,769; Mar. 14.
- Parker, Samuel P., Franklinton, N. C., and J. L. Patterson, Richmond, Va. Weaving patterned terry fabric and the resulting product. 1,925,459; Sept. 5.
- Parker, Samuel P., Franklinton, N. C. Textile. 1,930,769; Oct. 17.
- Parker, Simeon. (See Watson, J. P., and Parker.)
- Parker, Thomas L., Chicago, Ill. Electric switch. 1,916,849; July 4.
- Parker, Thomas P. (See Kielberg, H., and Parker.)
- Parker, Thomas R. G., deceased, by M. Parker, Hale, administratrix, and F. Spence, Sale, and G. H. White, Leicester, assignors to Linotype and Machinery Limited, London, England. Sheet gripping device of printing machines. 1,914,156; June 20.
- Parker, William, Oak Park, assignor to Grisby-Grunow Company, Chicago, Ill. Bead forming machine. 1,935,988; Nov. 21.
- Parker, William, Oak Park, assignor to Grisby-Grunow Company, Chicago, Ill. Lamp making machinery. 1,935,989; Nov. 21.
- Parker, William R., and W. L. Holbrook, Houston, Tex. Asphalt coated shell. 1,926,630; Sept. 12.
- Parker Wire Goods Company. (See Nester, Howard W., assignor.)
- Parker Wire Goods Company. (See Priest, Dwight E., assignor.)
- Parkersburg Rig and Reel Company, The. (See Schwemlein, William, assignor.)
- Parkes, Jeremiah V. B., administrator. (See Parkes, William N.)
- Parkes, William N., deceased, Brooklyn, N. Y., by J. V. B. Parkes, administrator, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-thread take-up mechanism for sewing machines. 1,906,087; Apr. 25.
- Parkes, William N., Brooklyn, assignor to The Singer Manufacturing Company, New York, N. Y. Sewing machine. 1,912,855; June 6.
- Parkhill, Mortimer S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve cage. 1,893,209; Jan. 3.
- Parkhill, Mortimer S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Safety device for internal combustion engines. 1,925,846; Sept. 5.
- Parkhill, Mortimer S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Starting apparatus for internal-combustion engines. 1,935,372; Nov. 14.
- Parkhill, Mortimer S., Corning, and R. M. Finger, Painted Post, N. Y., assignors to Ingersoll-Rand Company, Jersey City, N. J. Carburetor. 1,940,226; Dec. 19.
- Parkhill, Wilson, et al. (See Thomson, George H., assignor.)
- Parkhurst, Austin F. (See Rockwell, R. J., and Parkhurst.)
- Parkhurst, Clyde E., assignor to Moline Tool Company, Moline, Ill. Lapping machine. 1,923,390; Aug. 22.
- Parkhurst, Karl C., Wichita, Kans. Traffic sign. 1,901,333; Mar. 14.
- Parkin, Ernest W., Tacoma, Wash. Amalgam mixing device. 1,905,302; Apr. 25.
- Parkin, Henry W., Los Angeles, Calif., assignor to Oil Field Appliance Company, Ltd. Pump barrel and plunger. 1,896,719; Feb. 7.
- Parkin, Robert N., assignor to Southern Textile Machinery Company, Paducah, Ky. Sewing machine and method of forming stitches. 1,894,885; Jan. 17.
- Parkin, Theodore D., et al. (See Stocks, Harry B., assignor.)
- Parkinson, Edward, Philadelphia, Pa. Elastic stocking. 1,928,072; Sept. 26.
- Parkinson, Joseph C., and F. Gelstharf, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Process and apparatus for grading abrasives. 1,914,039; June 13.
- Parks, Alfred M., Philadelphia, Pa. Method of and apparatus for determining the drying time of substances. 1,938,975; Dec. 12.
- Parks, Dennis, St. Louis, Mo. Heel building machine. 1,898,889; Feb. 21.
- Parks, Dennis, St. Louis, Mo. Lift grading machine. 1,923,878; Aug. 22.
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Cop, cone, or package, and method of winding same. 1,915,200; June 20.
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Yarn-support or cop-tube. 1,924,510; Aug. 29.
- Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Slub-catcher and yarn-cleaner. 1,926,497; Sept. 12.
- Parks, Frederick C., Kennydale, Wash. Sandpaper holder. 1,927,574; Sept. 19.
- Parks, John A., Villa Ridge, Mo. Folding lawn and camp chair. 1,916,771; July 4.
- Parks, Merritt G., Gary, Ind. Making and applying gaskets to jar caps. 1,899,524; Feb. 28.
- Parks, Nelson D., Pendleton, Oreg. Pick-up feeder for harvesters. 1,897,491; Feb. 14.
- Parks, Paul B. (See Russell, E. A., and Parks.)
- Parks, Paul B., Oak Park, and D. W. Miller, Elmhurst, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Automatic reclosing circuit breaker and indicator. 1,922,452; Aug. 15.
- Parks, Ralph N., Charleston, W. Va., assignor to Columbia Oil and Gasoline Corporation, New York, N. Y. Recovery of natural gasoline. 1,917,899; July 11.
- Parks, Ralph R., Columbia, Mo. Electromechanical plant propagator. 1,912,300; May 30.
- Parks, Robert D., and G. Hildenbrand, Lohrville, assignors to Self-Serve Bottle Vendor Company, Fort Dodge, Iowa. Vending machine. 1,897,072; Feb. 14.

- Parks, Robert D., and G. W. Hildenbrand, Lohrville, Iowa, assignors to National Vending Company, Burnside, Pa. Coin chute for vending machines. 1,933,752; Nov. 7.
- Parks, Walter, Denver, Colo. Feed water heater for locomotives. 1,902,969; Mar. 28.
- Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
- Parlante, Frank, Brooklyn, N. Y. Shoe. 1,927,990; Sept. 26.
- Parlato, Peter J., Elmhurst, and A. R. Krause, Woodhaven, N. Y. Lighting fixture. Des. 90,336; July 18.
- Parmelee, Alfred E. (See Amick, M. G., Downing, and Parmelee.)
- Parmer, Delphin J., Chipley, Fla. Glass cleansing device. 1,936,259; Nov. 21.
- Parmet, Albert, New York, N. Y. Cabinet. 1,913,817; June 13.
- Parnell, John J. (See Knowles, E. B., and Parnell.)
- Parnell, William E., St. Paul, Minn. Skate vise. 1,907,213; May 2.
- Parr Instrument Company. (See Staley, Wayne D., assignor.)
- Parr, Peter, Normandy, Mo., assignor to Metallic Sash-Operator Company. Apparatus for cutting rack bars. 1,907,000; May 2.
- Parr, Rosalie M., Urbana, assignor to Abbott Laboratories, North Chicago, Ill. Remedy for anemia. 1,909,070; May 16.
- Parr, Samuel W., and T. E. Layng, assignors to Urbana Coke Corporation, Urbana, Ill. Coking coal. 1,907,568; May 9.
- Parr, Samuel W., and T. E. Layng, assignors to Urbana Coke Corporation, Urbana, Ill. Preparing coal for carbonization. 1,907,569; May 9.
- Parr, Samuel W., and T. E. Layng, assignors, by mesne assignments, to Urbana Coke Corporation, Urbana, Ill. Coking coal. 1,909,421; May 16.
- Parr, Samuel W., and F. G. Straub, assignors to Board of Trustees of the University of Illinois, Urbana, Ill. Prevention of embrittlements. 1,910,403; May 23.
- Parr, William V., C. A. Love, and J. J. Barnes, Minneapolis, Minn. Doorlock. 1,904,748; Apr. 18.
- Parravicini, Giuseppe. (See Poglioli, V., and Parravicini.)
- Parrett, Arthur N. (See Gocher, W. S., and Parrett.)
- Parrett, Dent, St. Joseph, Mich., assignor to Joseph Gossner and M. Leupold, New York, N. Y. Axle structure. 1,903,913; Apr. 18.
- Parrett, Dent, St. Joseph, Mich., assignor to Joseph Gossner and M. Leupold, New York, N. Y. Variable speed transmission. 1,903,914; Apr. 18.
- Parrett, Dent, St. Joseph, Mich. Tractor. 1,937,839; Dec. 5.
- Parrier, Gabriel, Le Puy, France. Extensible reel for unspooling of banks. 1,932,598; Oct. 31.
- Parris, Harry, St. Louis, Mo. Spring clip. 1,907,655; May 9.
- Parrish, Harry B. (See Vanderveld, Anthony, assignor.)
- Parrish, H. C., et al. (receiver). (See Mueller, Paul F., assignor.)
- Parrish, Harry L., Nashville, Tenn. Fire extinguisher. 1,923,326; Aug. 22.
- Parrish, Mary E., administratrix. (See Parrish, Russell J.)
- Parrish, Richard, assignor to John A. Bedford, Detroit, Mich. Electric lead connector. 1,916,488; July 4.
- Parrish, Russell J. (See Chevrolet, L., and Parrish.)
- Parrish, Russell J., deceased, Richmond, Ind., Mary E. Parrish, administratrix. Toy. 1,937,162; Nov. 28.
- Parrish, William J., Detroit, Mich., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Trailer. Des. 90,816; Oct. 3.
- Parrott, Loretta, Toledo, Ohio. Desk. 1,930,348; Oct. 19.
- Parrott, William J., Mason City, Iowa. Balt bucket. 1,934,815; Nov. 14.
- Parry, Richard W., Cincinnati, Ohio. Method and apparatus for burning pulverized fuel. 1,924,878; Aug. 29.
- Parry, Robert E., assignor to D. F. O'Connell, Boston, Mass. Brick making. 1,910,496; May 23.
- Parry, Sydney L., Cleveland, Ohio. Soap box. Des. 91,176; Dec. 12.
- Parry, Ward H. (See Collins, George G., assignor.)
- Parrell, Mason R., Baltimore, Md. Apparatus for eliminating foam from milk and other liquids. 1,907,439; May 9.
- Parsley, William W., and J. W. Welch, Oklahoma City, Okla. Antifreeze device for water pipes. 1,937,667; Dec. 5.
- Parsonage, Edward E., Oakland City, Ind. Screen. 1,895,341; Jan. 24.
- Parsons, Arthur W., Savannah, Ga. Hand truck. 1,919,903; July 25.
- Parsons, Ben G., Houston, Tex. Blower and driving gear for engines. 1,902,095; Mar. 21.
- Parsons, Charles A. (See Anderson, Ernest H. B., assignor.)
- Parsons, Charles A., deceased, and J. Rosen, Newcastle-upon-Tyne, England; said Rosen assignor to said Parsons; K. Parsons, V. Thompson, and F. G. H. Bedford legal representatives. Electrical machinery. 1,893,375; Jan. 3.
- Parsons, Charles A., deceased, S. S. Cook, and L. M. Douglas, Newcastle-upon-Tyne, England; said Cook and said Douglas assignors to said Parsons; K. Parsons, V. Thompson, and F. G. H. Bedford, legal representatives. Valve for controlling flow of liquid. 1,914,457; June 20.
- Parsons, Clinton H., assignor to Swift & Company, Chicago, Ill. Treatment of cream for butter making. 1,906,713; May 2.
- Parsons, Clyde A., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Fuel supply system and valve therefor. 1,933,753; Nov. 7.
- Parsons Company, The. (See De Wind, Norman, assignor.)
- Parsons Company, The. (See Vaughn, George A., assignor.)
- Parsons, Donald H., Noroton, Conn., assignor to McCall Company, New York, N. Y. Book. 1,894,224; Jan. 10.
- Parsons, Ernest, Springfield, Mass., assignor to The Carling Tool & Machine Co., Inc., Hartford, Conn. Mop or brush holder. 1,909,713; May 16.
- Parsons, F. L. (See Benn, Howard H., assignor.)
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 1,908,534; May 9.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Transmission and control mechanism. 1,922,633; Aug. 15.
- Parsons, Frederick W., sr., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Piston and rod connection. 1,909,004; May 16.
- Parsons, Geoffrey. (See Parker, A., and Parsons.)
- Parsons, George H., Upland, Calif. Branding-iron furnace. 1,932,559; Oct. 31.
- Parsons, George K., Detroit, Mich. Affixing attachments to washing machines. 1,913,612; June 13.
- Parsons, George K., Detroit, Mich. Transmission. 1,923,879; Aug. 22.
- Parsons, Harry A., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing instrument. 1,927,045; Sept. 19.
- Parsons, Harry H., Missoula, Montana. Indicating device. 1,903,938; Apr. 18.
- Parsons, Jay C., Chicago, Ill., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,912,093; May 30.
- Parsons, John S., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical distribution system. 1,893,178; Jan. 3.
- Parsons, John S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Relay for network distribution systems. 1,893,179; Jan. 3.
- Parsons, John S., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electrical distribution system. 1,893,180; Jan. 3.
- Parsons, John S., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Network distribution system. 1,907,565; May 9.
- Parsons, Katherine, legal representative et al. (See Anderson, Ernest H. B.)
- Parsons, Katherine, et al., legal representatives. (See Parsons, C. A., Cook, and Douglas.)
- Parsons, Katharine, et al., legal representatives. (See Parsons, C. A., and Rosen.)
- Parsons, Mauran F., Millinocket, Me. Pulp treating process and the product. 1,906,088; Apr. 25.
- Parsons, Osborne, H., Halifax, Nova Scotia, Canada. Wave motor. 1,930,958; Oct. 17.
- Parsons Paper Company. (See Perkins, Lester C., assignor.)
- Parsons, Philip D., Swarthmore, Pa., assignor to Scott Paper Company. Making tight rolls. 1,894,281; Jan. 17.
- Parsons, Ray D., Eldora, Iowa. Device for sharpening knives or the like. 1,938,928; Dec. 12.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Steam-electric car heater. 1,909,593; May 16.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Albany, N. Y. Pipe coupling. 1,912,347; May 30.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Electric heater. 1,935,163; Nov. 14.
- Parsons, Stuart W., and G. R. Dahlman, assignors to The Skinner Chuck Company, New Britain, Conn. Chuck. 1,906,714; May 2.
- Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Latch for refrigerator doors and the like. 1,932,829; Oct. 31.
- Parsons, Sylvanus H. H., Coscob, Conn. Demountable packing. 1,908,860; May 16.
- Parsons, Sylvanus H. H., Cos Cob, Conn. Lubricated bearing. 1,919,741; July 25.
- Parsons, Wallace E. (See Chaplin, M. P., and Parsons.)
- Parsons, William M., Seattle, Wash. Circuit closer for an automatic signaling device. 1,902,578; Mar. 21.
- Parten, Gustave A., Minneapolis, Minn. Carving machine structure. 1,893,957; Jan. 10.
- Parten, Gustave A., Minneapolis, Minn. Carving machine structure. 1,893,958; Jan. 10.
- Partridge, Marion H., and K. B. Curtis, Tampa, Fla. Shredding palmetto and product produced thereby. 1,903,553; Apr. 11.
- Partridge, Edwin M., Hammond, Ind., assignor to National Aluminate Corporation, Chicago, Ill. Boiler compound. 1,918,555; July 18.
- Partridge, Stewart W., Grand Island, Nebr. Ink pad. 1,923,114; Aug. 22.
- Parva Products Company. (See White, Birdora H., assignor.)

- Parva Products Company. (See White, P. W., and Heinze, assignors.)
- Parvin, Edward G. (See Mallison, H. D., and Parvin.)
- Parvin, Edward G., Roselle, N. J. Radio circuit. 1,904,877; Apr. 18.
- Paryzek, Adolph, Santa Barbara, Calif. Fluid and material saving device for oil or other wells. 1,910,045; May 23.
- Paschen, Paul, H. Ritter, G. Stauber, W. Gebhardt, and K. Schmelde, Nuremberg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Insulating body. 1,897,818; Feb. 14.
- Paschen, Paul, and G. Mohr, Nuremberg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Measuring instrument. 1,906,089; Apr. 25.
- Paschen, Paul, and G. Mohr, Nuremberg, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Recording measuring instruments. 1,929,367; Oct. 3.
- Paschke, Fritz, Cologne, assignor to Firm: Glanzstoff-Courtaulds G. m. b. H., Cologne-Merheim, Germany. Apparatus for treating spun cakes of artificial silk or the like. 1,898,595; Feb. 21.
- Paschke, Fritz, Cologne, and P. Franzen, Cologne-Nippes, assignors to the Firm Glanzstoff-Courtaulds G. m. b. H., Cologne-Merheim, Germany. Device for the treatment of artificial silk. 1,917,729; July 11.
- Paschke, Fritz, Cologne, and P. Franzen, Cologne-Nippes, assignors to Glanzstoff-Courtaulds G. m. b. H., Cologne-Merheim, Germany. Supporting means for artificial silk. 1,924,749; Aug. 29.
- Paschkis, Victor, Berlin, Germany, assignor to General Electric Company. Control device. 1,925,880; Sept. 5.
- Pascoe, Frank T., Pittsburgh, Pa. Solenoid. 1,931,701; Oct. 24.
- Pascoe, Walter, Evansville, Ind. Dispensing apparatus. 1,910,046; May 23.
- Pascoe, William H., Chicago, Ill. Apparatus for burning fuel. 1,917,392; July 11.
- Pash, Robert. (See Millar, H. H., and Pash.)
- Pashley, John, assignor to Taylor, Lang & Company, Limited, Stalybridge, England. Cotton opening machine. 1,914,615; June 20.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. Des. 88,889; Jan. 3.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Automatic calculator. 1,909,714; May 16.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Selecting mechanism for multiple counter calculating machines. 1,909,715; May 16.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Accounting machine. 1,911,768; May 30.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Centrifugal switch. 1,911,964; May 30.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Accounting machine. 1,931,115; Oct. 17.
- Pasinski, Walter J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Governing the speed of electric motors. 1,931,116; Oct. 17.
- Pask, Stanley J. (See Bodan, C., and Pask.)
- Pasko, John P., Irvington, N. J. Tone modifier. 1,897,531; Feb. 14.
- Paskowski, Adolf, New Britain, Conn. Mathematical instrument. 1,894,886; Jan. 17.
- Pasley, Thomas E., Roanoke, assignor to Comas Cigarette Machine Company, Salem, Va. Tobacco stemming machine. 1,930,406; Oct. 10.
- Pasquali, Eteocle, Freeport, N. Y. Antiskid appliance for shoes. 1,893,103; Jan. 3.
- Pass, C. J., et al. (See Littrell, John N., assignor.)
- Pass, Harry C., assignor of one-half to W. W. Cumming and one-half to H. W. S. Cumming, Toronto, Ontario, Canada. Automatic wire clip forming and closing machine. 1,939,020; Dec. 12.
- Pass, Harry C., assignor of one-half to W. W. Cumming and one-half to H. W. S. Cumming, Toronto, Ontario, Canada. Automatic wire clip forming and closing machine. 1,939,021; Dec. 12.
- Pass & Seymour, Inc. (See Brooks, J. W., and Russell, assignors.)
- Pass & Seymour, Inc. (See Burns, Peter E., assignor.)
- Pass & Seymour, Inc. (See Despard, Victor R., assignor.)
- Pass & Seymour, Inc. (See Hall, Nelson W., assignor.)
- Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
- Passaic Kiddy Shop, Inc. (See Dworkin, Samuel, assignor.)
- Passell, Naten, Youngstown, Ohio. Game apparatus. 1,909,422; May 16.
- Passoni, Domenico, assignor to Societe Anonyme Fabbriche Formenti, Milan, Italy. Flexible blind. 1,910,047; May 23.
- Pasternack, Aaron I. and D. G., Philadelphia, Pa. Folding chair. 1,924,329; Aug. 29.
- Pasternack, David G. (See Pasternack, Aaron I. and D. G.)
- Pasternack, Isidore, Brooklyn, assignor of eight one-hundredths to H. E. Brown, New York, N. Y. Carbon monoxide eliminator. 1,933,997; Nov. 7.
- Pasternack, Richard, Brooklyn, and W. R. Giles, Richmond Hill, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Highly soluble calcium gluconate and making same. 1,900,517; Mar. 7.
- Pasternack, Richard, and C. P. Ammerman, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Amides of d-gluconic acid. 1,901,565; Mar. 14.
- Pasternack, Richard, and C. P. Ammerman, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Soluble bismuthyl mannonate and making it. 1,919,742; July 25.
- Pasternack, Richard, Brooklyn, N. Y., F. L. Mead, Jersey City, N. J., and J. L. Davenport, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparing hydrated citric acid. 1,921,634; Aug. 8.
- Pasternack, Richard, and C. P. Ammerman, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Citrate solutions. 1,936,364; Nov. 21.
- Pasternak, Julius F., et al. (See Henderson, John B., assignor.)
- Pastir, Frank B., New York, N. Y. Inflatable toy balloon with openings. 1,916,527; July 4.
- Pastor, Carl T., Krefeld, Germany. Printing apparatus. 1,920,429; Aug. 1.
- Pastula, Joseph A., Hartford, Conn. Finger ring. Des. 91,250; Dec. 26.
- Patart, Georges, Paris, France. Destructively distilling carbonaceous fuels. 1,919,253; July 25.
- Patch, Richard H., Jenkintown, and J. M. Leaper, assignors to E. F. Houghton and Company, Philadelphia, Pa. Metal cutting oil. 1,919,125; July 18.
- Patch, Richard H., Jenkintown, Pa., and F. Dambacher, Chemnitz, Germany, assignors to E. F. Houghton and Company, Philadelphia, Pa. Method of polymerizing, condensing, and oxidizing talloil and the resulting product. 1,938,532; Dec. 5.
- Patchell, Charles E., Portland, Me. Joint construction for shovel handles and the like. 1,906,218; Apr. 25.
- Patchell, Sarah E., and C. T. Maxwell, Spokane, Wash. Electrical cooking utensil. 1,933,927; Nov. 7.
- Patco, Inc. (See de Ybarrodo, Vincent C., assignor.)
- Patco, Inc. (See Harris, Ford W., assignor.)
- Pateman, Arthur, Leicester, assignor to Imperial Typewriter Company Limited, London, England. Typewriter. 1,904,518; Apr. 18.
- Patent Button Company, The. (See Carley, Leonard R., assignor.)
- Patent Button Company, The. (See Peterson, Frederick H., assignor.)
- Patent Button Company, The. (See Purinton, Forrest G., assignor.)
- Patent Button Company. (See Ross, Frederick N., assignor.)
- Patent Button Co., The. (See Ross, F. N., and White, assignors.)
- Patent Button Company, The. (See White, Franklin R., assignor.)
- Patent Developers, Inc. (See Thornton, Ray, assignor.)
- Patent Engineering Corporation. (See Harris, Arthur W. D., assignor.)
- Patent Engineering Corporation. (See Rockwell, Edward A., assignor.)
- Patent Engineering Corporation. (See Van Deventer, Harry R., assignor.)
- Patent Enterprise Limited. (See McMullen, Carlton L., assignor.)
- Patent and Licensing Corporation, The. (See Avery, Henry C., and Kirschbraun, assignors.)
- Patent and Licensing Corporation, The. (See Cowan, Clarence P., assignor.)
- Patent and Licensing Corporation, The. (See Cumfer, Donald A., assignor.)
- Patent and Licensing Corporation, The. (See Eckert, Clarence R., assignor.)
- Patent and Licensing Corporation, The. (See Fichter, James H., assignor.)
- Patent and Licensing Corporation, The. (See Heaney, Donald, assignor.)
- Patent and Licensing Corporation, The. (See Jaeger, Fred, assignor.)
- Patent and Licensing Corporation, The. (See Johnston, Walter S., assignor.)
- Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
- Patent and Licensing Corporation, The. (See Overbury, Frederick C., assignor.)
- Patent and Licensing Corporation, The. (See Payne, Gerald B., assignor.)
- Patent and Licensing Corporation, The. (See Petersen, Edwin S., assignor.)
- Patent and Licensing Corporation. (See Plunkett, John H., assignor.)
- Patent and Licensing Corporation, The. (See Walton, Samuel F., assignor.)
- Patent and Licensing Corporation. (See Wettlaufer, Jules L., assignor.)
- Patent and Security Holding Corporation. (See Grayson, R. V., assignor, and Ballenger.)
- Patentaktiebolaget Gröndal-Ramen. (See Haglund, Gustaf, assignor.)
- Patentaktiebolaget Gröndal-Ramen. (See Lenander, Nils E., assignor.)
- Patents Fuels & Color Corporation. (See Orelup, John W., assignor.)

- Patentverwertungs A. G. "Alpina," S. A. pour l'Exploitation de Brevets "Alpina" Patents Exploitation cy. Alpina Ltd. (See Jost, F., and Hornung, assignors.)
- Patentverwertungs A. G. Alpina, S. A. pour l'Exploitation de Brevets Alpina Patents Exploitation Cy, Alpina, Ltd. (See Nottebohm, Walter, assignor.)
- Patentverwertungs A. G. Alpina, S. A. pour l'Exploitation de Brevets Alpina, Patents Exploitation cy Alpina Ltd. (See Uhde, George F., assignor.)
- Pater, Carl J., Wyoming, Ohio, assignor to The Philip Carey Manufacturing Company. Building material. 1,932,144; Oct. 24.
- Paterson, John C. (See Baker, G. R., and Paterson.)
- Paterson, John C., and G. R. Baker, Willesden, London, England, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Machine for stacking and arranging biscuits and the like. 1,921,580; Aug. 8.
- Paterson, Thomas R., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Purification of pentaerythritol tetranitrate. 1,933,754; Nov. 7.
- Pathe Cinema, Anciens Etablissements Pathe Freres. (See Merle, André N., assignor.)
- Pathe Exchange, Inc. (See De Moos, Charles, assignor.)
- Patitz, Gerhardt J. (See Meyer, G. J., and Patitz.)
- Patitz, Gerhardt J., Peekskill, and R. W. Bunge, Bronxville, assignors to Standard Brands Incorporated, New York, N. Y. Automatic machine for cutting plastic products. 1,892,705; Jan. 3.
- Paton, Clyde R., assignor to The Studebaker Corporation, South Bend, Ind. Clutch. 1,896,914; Feb. 7.
- Paton, Clyde R., assignor to The Studebaker Corporation, South Bend, Ind. Clutch. 1,896,968; Feb. 7.
- Paton, Clyde R., Birmingham, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Vibration damping device. 1,896,969; Feb. 7.
- Paton, Clyde R., assignor to The Studebaker Corporation, South Bend, Ind. Clutch. 1,925,278; Sept. 5.
- Paton, George C. and J. S., assignors to J. S. Paton, Liverpool, England. Manufacture of tubes from paper, cardboard and the like materials. 1,920,881; Aug. 1.
- Paton, James S. (See Paton, George C. and J. S.)
- Paton, Roy W., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 1,919,183; July 18.
- Patrick, John M. (See Alderson, Frederick J., assignor.)
- Patrick, Joseph C., Kansas City, Mo. Olefin-polysulphide plastic. 1,923,392; Aug. 22.
- Patrick, Joshua, Detroit, Mich. Fuse. 1,898,062; Feb. 21.
- Patrick, Theodore L., Caldwell, assignor of one-half to J. Truzzolino, Butte, Mont. Air pump. 1,906,405; May 2.
- Patrick, Walter A., Baltimore, Md., and E. H. Barclay, Hamilton, Ohio, assignors to The Silica Gel Corporation, Baltimore, Md. Plural gels and preparing same. 1,896,055; Jan. 31.
- Patrol Valve Company, The. (See Te Pas, Edmund J., assignor.)
- Patt, Morris, Brooklyn, N. Y. Shade. 1,927,272; Sept. 19.
- Patt, Sylvester, Willoughby, Ohio. Machine for forming dough products. 1,939,362; Dec. 12.
- Patt, Winfield C., Cranston, R. I., assignor to L. G. Balfour Company, Attleboro, Mass. Finger ring. 1,898,263; Feb. 21.
- Patten, Ernest L., New Haven, Conn., assignor to Boston Rubber Shoe Company, Malden, Mass. Lasting machine. 1,916,436; July 4.
- Patten, James C. (See Hauelsen, B. R., and Patten.)
- Patten, Margaret L., executrix. (See Hauelsen, B. R., assignor, and Patten.)
- Patten, Murray K. (See Stimpson, W. F., and Patten.)
- Patterson, Augustus M., assignor of one-fourth to J. W. Byrd, and one-fourth to J. L. Byrd, Seneca, S. C. Valve seat grinder. 1,924,958; Aug. 29.
- Patterson, C. J., Corporation. (See MacIntosh, Charles H., assignor.)
- Patterson, Charley T., and H. W. Young; said Patterson assignor to W. Paul Holland, Springfield, Mo. Incubator. 1,934,273; Nov. 7.
- Patterson, Clarence T., assignor to The Solvay Process Company, Syracuse, N. Y. Refining of lead. 1,920,211; Aug. 1.
- Patterson, Edgar W., assignor to Lacy Oil Tool Company, Los Angeles, Calif. Swivel joint construction. 1,912,494; June 6.
- Patterson, Edward B., Merchantville, N. J., assignor to Radio Corporation of America. Acoustic panel for vehicles. Des. 88,982; Jan. 10.
- Patterson, Elmer, assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,923,391; Aug. 22.
- Patterson, Everett M., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound recording material and manufacture. 1,936,686; Nov. 28.
- Patterson, Frank H., Fredonia, Kans. Quick freezing. 1,905,602; Apr. 25.
- Patterson, Franklin G., Schenectady, N. Y., assignor to General Electric Company. Lightning field intensity recorder. 1,893,337; Jan. 3.
- Patterson, Franklin G., Schenectady, N. Y., assignor to General Electric Company. Cathode ray oscillograph sweep circuit. 1,919,985; July 25.
- Patterson, Harry R., assignor, by mesne assignments, to the Electric Auto-Lite Company, Toledo, Ohio. Driving mechanism. 1,893,959; Jan. 10.
- Patterson, James F., San Jose, Calif. Playground apparatus. 1,916,809; July 4.
- Patterson, James F., San Jose, Calif. Playground apparatus. 1,929,822; Oct. 10.
- Patterson, John E. (See Lane, G., and Patterson.)
- Patterson, John L. (See Parker, S. P., and Patterson.)
- Patterson, John W., assignor to The Seamless Rubber Company, Incorporated, New Haven, Conn. Bath spray or like connector. 1,921,094; Aug. 8.
- Patterson, Julius E., Bucyrus, Ohio, assignor to Dunn-Patterson Company, Klamath Falls, Oreg. Wheeled scoop. 1,897,509; Feb. 14.
- Patterson, Julius W., Omaha, Nebr. Cushioned hitch. 1,933,387; Oct. 31.
- Patterson Lewis P., West Los Angeles, Calif. Locking device. 1,920,521; Aug. 1.
- Patterson, Luther M., Jr., New Philadelphia, Ohio. Storage battery. 1,892,962; Jan. 3.
- Patterson, Luther M., Jr., New Philadelphia, Ohio. Storage battery apparatus. 1,924,959; Aug. 29.
- Patterson, Mildred K. (See Kabat, Bohmel V., assignor.)
- Patterson, Oliver W., Springfield, assignor to Jarvis & Jarvis, Inc., Palmer, Mass. Caster and the like. 1,919,666; July 25.
- Patterson, Richard B., assignor of one-half to P. H. Miller and one-half to H & E Standard Auto Parts, Chicago, Ill. Ratchet wrench. 1,903,297; Apr. 4.
- Patterson, Richard B., assignor to Reliable Electric Company, Chicago, Ill. Fish tape puller. 1,939,187; Dec. 12.
- Patterson, Robert, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Glass-blowing machine. 1,939,917; Dec. 19.
- Patterson, Thomas A., Clintonville, Wis. Brake testing device for vehicle wheels. 1,902,718; Mar. 21.
- Patterson, Ward S., Cranford, N. J., and F. H. Rosenkrants, Scarsdale, assignors to International Combustion Engineering Corporation, New York, N. Y. Heat transfer. 1,941,365; Dec. 26.
- Patterson, William G., and E. J. Gachet, assignors to Siemens Brothers & Company Limited, London, England. Automatic switch for use in telephone or like systems. 1,924,454; Aug. 29.
- Patterson, William L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Oscope. 1,896,720; Feb. 7.
- Pattillo, Donald K., Dover-Foxcroft, Me., assignor to Clinton Corn Syrup Refining Company, Clinton, Iowa. Making paper. 1,907,440; May 9.
- Pattillo, Donald K., Dover-Foxcroft, Me., G. E. Corson, Clinton, Iowa, and H. L. Thompson, Norwood, Mass., assignors to Clinton Corn Syrup Refining Company, Clinton, Iowa. Paper-making process. 1,898,682; Feb. 21.
- Pattin, Schuyler C., Trilla, Ill. Planter. 1,911,923; May 30.
- Pattison, Joseph N. (See Wanamaker, H. F., and Pattison.)
- Patton, Mahlon E. (See Weaver, W. W., and Patton.)
- Patton, William C., et al. (See Edwards, James E., assignor.)
- Patton, William J., assignor to Economy Products Company, St. Louis, Mo. Dike. 1,937,781; Dec. 5.
- Patzner, Henry L., Milwaukee, Wis. Upper-cutting machine. 1,941,316; Dec. 26.
- Pauckner, Gustav. (See Wietzel, G., and Pauckner.)
- Paugh, Charles T., assignor to Wolverine Tube Company, Detroit, Mich. Making corrugated wall tubing. 1,909,005; May 16.
- Paugh, Charles T., assignor to Wolverine Tube Company, Detroit, Mich. System of cooling and heating oil. 1,931,935; Oct. 24.
- Paugh, James J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Water-cooled welding electrode. 1,915,947; June 27.
- Paul, Abram F., Llanerch, Pa., assignor to National Pneumatic Company, New York, N. Y. Shock absorber. 1,898,210; Feb. 21.
- Paul, Abram F., Llanerch, Pa., assignor to National Pneumatic Company, New York, N. Y. Stanchion switch. 1,900,198; Mar. 7.
- Paul, Adolf, et al. (See Roff, Joseph K., assignor.)
- Paul, Leon R. (See Witt, S. E., and Paul.)
- Paul, Leon R., Brooklyn, and S. E. Witt, New York, N. Y. Dispensing can. 1,954,138; Nov. 7.
- Paul, René, Colombes, France. Compressor. 1,894,701; Jan. 17.
- Paul, Richard C., Los Angeles, Calif. Stocking foot. 1,912,539; June 6.
- Paul, Stephen, assignor to Paul Threadless Bolt Company, Lansing, Mich. Fastening device. 1,913,408; June 13.
- Paul, Sydney, assignor to Superior Body Company, Lima, Ohio. Seat-back control. 1,899,880; Feb. 28.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Mower. 1,915,548; June 27.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Hitch mechanism. 1,921,581; Aug. 8.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Hitch connection. 1,939,830; Dec. 19.
- Paul, Talbert W., Kansas City, Kans., assignor to Deere & Company, Moline, Ill. Pitman. 1,927,804; Sept. 19.
- Paul Threadless Bolt Company. (See Paul, Stephen, assignor.)
- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 1,902,463; Mar. 21.
- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 1,902,464; Mar. 21.

- Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric circuit interrupter. 1,904,519; Apr. 18.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Harrow. 1,913,039; June 6.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Plow. 1,915,379; June 27.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Tillage implement. 1,918,928; July 18.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Plow. 1,926,401; Sept. 12.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Transport device for tractors. 1,931,117; Oct. 17.
- Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Draft connection. 1,940,061; Dec. 19.
- Paul, William L., Berkeley, Calif., and O. F. Carlson, assignors to Deere & Company, Moline, Ill. Stalk cutting mechanism for corn harvesters. 1,912,998; June 6.
- Paulding, John L., Inc. (See Johnson, Frank E., assignor.)
- Paule, Mitchell M., Dallas, Tex. Dental instrument. 1,917,851; July 11.
- Paulick, Herman R., Chicago, Ill. Corner splicer. 1,940,505; Dec. 19.
- Paulin, Arthur L., and E. W. Froom, Youngstown, Ohio, assignors of one-eighth to J. H. Boyden, Washington, D. C., and seven-eighths to B. P. Higby, Kansas City, Mo. Game apparatus. 1,938,495; Dec. 5.
- Pauli, Archibald W., and J. A. McGinnis, assignors to Wheeling Stamping Company, Wheeling, W. Va. Collapsible tube and cap assembly and method of effecting the same. 1,935,100; Nov. 14.
- Paul, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Container. 1,913,895; June 13.
- Paul, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Can cap. 1,939,022; Dec. 12.
- Paul, Wallace E., Edgbaston, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Pneumatic tire. 1,921,772; Aug. 8.
- Paulin, Amos R., Newton, Iowa. Hedge trimmer. 1,901,327; Mar. 14.
- Pauloo, Victor J., Los Angeles, Calif. Conversion burner. 1,936,950; Nov. 28.
- Paulsen, Christian, Clifton, assignor to New Era Manufacturing Company, Paterson, N. J. Printing press. 1,910,359; May 23.
- Paulson, Bernard J., Wauwatosa, assignor to O-Riginal Products Incorporated, Milwaukee, Wis. Bridge stand. Des. 88,983; Jan. 10.
- Paulson, Christian. (See Hoffman, R. E., and Paulson.)
- Paulson, Ernest W. (See Cope, M., and Paulson.)
- Paulson, George M., assignor to The B. G. Corporation, New York, N. Y. Manufacture of spark plugs. 1,927,500; Sept. 19.
- Paulson, George M., assignor to The B. G. Corporation, New York, N. Y. Shielded spark-plug. 1,930,322; Oct. 10.
- Paulson, Peter A., Appleton, Wis. Method of and apparatus for thawing pulpwood prior to drum barking. 1,932,250; Oct. 24.
- Paulson, Walter H., assignor to H. D. Lathrop, Chicago, Ill. Milk dumping device. 1,903,193; Mar. 28.
- Paulson, Walter H., assignor to Harry D. Lathrop, Chicago, Ill. Conveyor apparatus. 1,939,315; Dec. 12.
- Paulsson, Martin A. (See Isaksson, Edwin and Emil B., and Paulsson.)
- Paulus, Charles L. (See Inglis, H. B., Paulus, and Kauch.)
- Paulus, Charles L., and R. Kauch, Dayton, Ohio. Fire extinguisher. 1,918,191; July 11.
- Paulus, Charles L., Dayton, Ohio, and R. Kauch, Montgomery, Ala. Compensating gun sight. 1,939,517; Dec. 12.
- Paulus, Heinrich, Nuremberg, Germany. Process for making floor-coverings. 1,926,303; Sept. 12.
- Paulus, Joseph, Union, N. J. Magazine or book stand. 1,924,568; Aug. 29.
- Pauly Jail Building Company. (See Kintzele, Julius H., assignor.)
- Pauly Jail Building Company. (See Tracy, Michael J., assignor.)
- Pauly, Remigius, assignor of one-half to Eric Osterberg, Chicago, Ill. Dishwashing machine. 1,939,630; Dec. 12.
- Pauly, Robert C., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Pressing machine. 1,896,496; Feb. 7.
- Pausser, A. Edmond. (See Marter, Ezra B., 3d., assignor.)
- Pavan, A. (See Romera, Manuel, assignor.)
- Pavelka, Joseph. (See Reinhardt, Eugene F., assignor.)
- Paveiko, John A., Coaldale, Pa. Lawn mower. 1,913,721; June 13.
- Pavia, Luigi, Allentown, Pa. Shuttle. 1,941,317; Dec. 26.
- Pavitt, Edwin G., assignor to Newton Sales Company Limited, London, England. Sharpening safety razor blades. 1,934,139; Nov. 7.
- Pawlansky, Samuel V., Chicago, Ill. Pen point. 1,934,274; Nov. 7.
- Pawlek, Franz, Berlin-Karlshorst, Germany, assignor to General Electric Company. Producing magnetic plates from electrolytic iron. 1,916,015; June 27.
- Pawlek, Franz, Berlin-Karlshorst, Germany, assignor to E. Kelsen, Vienna, and E. Ausnit, Bukarest. Depositing iron electrolytically. 1,937,068; Nov. 28.
- Pawlikowski, Rudolf, Goerlitz, Germany. Internal combustion engine for pulverulent fuel. 1,893,035; Jan. 3.
- Pawlikowski, Rudolf, Goerlitz, Germany. Internal combustion engine for liquid and solid fuels. 1,897,819; Feb. 14.
- Pawlikowski, Rudolf, Goerlitz, Germany. Four stroke internal combustion engine. 1,914,672; June 20.
- Pawlikowski, Rudolf, Goerlitz, Germany. Powdered fuel engine and operating the same. 1,921,132; Aug. 8.
- Pawlikowski, Rudolf, Goerlitz, Germany. Powdered fuel for internal combustion engines. 1,926,304; Sept. 12.
- Pawlitschko, Anton R., Little Ferry, N. J., assignor to Western Newspaper Union. Matrix board for stereotyping. 1,900,660; Mar. 7.
- Pawsat, Ewald F., Maysville, Ky. Bicycle basket support. 1,908,535; May 9.
- Pawtucket Screw Company. (See Green, Charles E., assignor.)
- Paxinos, Andrew, Haverhill, assignor, by mesne assignments, to Moore Shank Company, Everett, Mass. Shank stiffener. 1,911,583; May 30.
- Paxton Credit Corporation. (See Benson, Harry D., assignor.)
- Paxton Credit Corporation. (See Paxton, Hale, assignor.)
- Paxton, Hale, assignor to Paxton Credit Corporation, Sanger, Calif. Nail guiding means. 1,910,633; May 23.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Box segregating and stacking device. 1,933,147; Oct. 31.
- Paxton, Hale, Redlands, assignor to Paxton Credit Corporation, Sanger, Calif. Retracting strapping machine. 1,935,814; Nov. 21.
- Paxton, Robert, and C. H. Hill, Drexel Hill, Pa., assignors to General Electric Company. Electrical switch gear. 1,928,460; Sept. 26.
- Payette, Joseph A., assignor to General Plate Company, Attleboro, Mass. Electrical contact and the manufacture thereof. 1,900,256; Mar. 7.
- Payne, Earl W., Huntington Park, Calif. Building. Des. 89,789; May 2.
- Payne, Edwin M. (See White, J., and Payne.)
- Payne, El Roy L., Beverly Hills, Calif. Console heater. 1,931,903; Oct. 24.
- Payne, Elmer H., Wood River, assignor to Standard Oil Company, Chicago, Ill. Vacuum distillation. 1,899,916; Feb. 28.
- Payne, Eugene L., Chicago, Ill. Type or similar article. Des. 89,263; Feb. 14.
- Payne, Frank E., Chicago, Ill. Dust collector for inclosed brake. 1,919,343; July 25.
- Payne, Frank E., M. M. Cody, and E. G. Howland, assignors to Crane Packing Company, Chicago, Ill. Packing. 1,912,462; June 6.
- Payne, George Ralph, Texarkana, Ark. Ring cup for flexible pipes. 1,920,589; Aug. 1.
- Payne, Gerald B., Scranton, Pa., assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Siding material. 1,924,650; Aug. 29.
- Payne, Leroy, and T. W. W. Forrest, San Francisco, Calif. Raisin treating method and apparatus. 1,935,951; Nov. 21.
- Payne, Matt, Surbiton, England. Heating and ventilating apparatus. 1,903,939; Apr. 18.
- Payne, Matt, Surbiton, England. Thermostatic and like temperature responsive apparatus. 1,923,998; Aug. 22.
- Payne, Oscar V. (See Howe, W. C., and Payne.)
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter and shuttle therefor. 1,899,634; Feb. 28.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical warp stop motion. 1,899,717; Feb. 28.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical feeler. 1,924,197; Aug. 29.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detector for looms. 1,929,213; Oct. 3.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter and binder for weft replenishing looms. 1,932,801; Oct. 31.
- Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Side slipping feeler for looms. 1,937,411; Nov. 28.
- Payne, Pearson M., Denver, Colo. Mold pouring apparatus. 1,923,553; Aug. 22.
- Payne, Ralph B., Elma, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Production of azo dye. 1,900,417; Mar. 7.
- Payne, Ralph B., Elma, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Poly-azo dyestuffs. 1,938,976; Dec. 12.
- Payne, Reginald W., and R. P. Roberts, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacturing artificial threads or filaments. 1,920,212; Aug. 1.
- Payne, Samuel T. (See Henriksen, K., and Payne.)
- Payne, Samuel T., assignor to Curtiss Aeroplane & Motor Company, Inc., Freeport, N. Y. Oil cooler. 1,933,998; Nov. 7.

- Payne, Thomas A., Los Angeles, Calif. Tabulating device for type composing machines. 1,898,683; Feb. 21.
- Payne, W. W. (See Alexander, Jesse, assignor.)
- Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Combined check writing and computing machine. 1,941,318; Dec. 26.
- Payne, Walter F., assignor to J. W. Barley, Rolla, Mo. Flatiron stand. 1,921,038; Aug. 8.
- Payne, William H., assignor to The American Rolling Mill Company, Middletown, Ohio. Treating steel and iron. 1,932,560; Oct. 31.
- Payne, William L., Kansas City, Kans. Sectional box cover. 1,912,790; June 6.
- Payne, William M. (See Grundy, J. A., and Payne.)
- Payton, Thomas, Rock Rapids, Iowa. Cleansing metering drums. 1,902,719; Mar. 21.
- Payzant, Henry H., and P. F. Lueth, assignors, by mesne assignments, to General Timber Service, Inc., St. Paul, Minn. Lumber straightening device. 1,934,087; Nov. 7.
- Payzer, Stanley D., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Chipper spout. 1,906,486; May 2.
- Pazandak, Louis A., assignor to J. L. Tucker, Minneapolis, Minn. Drawbar device for harrows. 1,918,213; July 11.
- Pazar, Stephen A. (See Ryder, R. F., and Pazar.)
- Pazourek, Louis, Seven Hills Village, and K. L. Kerckhoff, assignors to Frank J. Jontzen, Lakewood, Ohio. Changeable sign. 1,912,540; June 6.
- Pazzano, Frederick F., Waltham, Mass. Tool. Re19,027; Dec. 19.
- Pazzano, Frederick F., Waltham, Mass. Tool. 1,898,568; Feb. 21.
- Peabody Engineering Corporation. (See Leask, J. P., and Anderson.)
- Peabody Engineering Corporation. (See Peabody, Ernest H., assignor.)
- Peabody, Ernest H., assignor to Peabody Engineering Corporation, New York, N. Y. Pulverizer. 1,921,166; Aug. 8.
- Peabody, Eugene O., Fort Washington, assignor to McAdoo & Allen Welting Company, Quakertown, Pa. Goodyear welting. 1,908,486; May 9.
- Peabody, James A., Evanston, Ill., assignor to General Railway Signal Company, Rochester, N. Y. Color light signal. 1,936,260; Nov. 21.
- Peace, Gordon, assignor of one-half to The British India Corporation Limited, Cawnpore, British India. Rapid vegetable tanning process. 1,899,422; Feb. 28.
- Peacock, Everett R. (See McComb, Alfred H., assignor.)
- Peacock, Frank F., Kansas City, Mo. Art and means of identification. 1,916,282; July 4.
- Peacock, George A., San Jose, Calif., assignor to Peacock Motor Wheel Corporation, Sheboygan, Wis. Vehicle wheel. 1,940,012; Dec. 19.
- Peacock, Marshall H., Detroit, Mich. Signal. 1,927,322; Sept. 19.
- Peacock Motor Wheel Corporation. (See Peacock, George A., assignor.)
- Peacock, William, Jr., Philadelphia, Pa. Silver-copper alloy mirror and producing silver-copper alloy film. 1,935,520; Nov. 14.
- Peak, Orin H., Hollywood, Calif. Gas anæsthetizer. 1,939,134; Dec. 12.
- Peake, Edward S., East Columbus, assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Toy pistol. Des. 89,207; Feb. 7.
- Peake, Edward S., assignor to The Kilgore Mfg. Company, Westerville, Ohio. Wheeled toy. 1,905,649; Apr. 25.
- Peake, Edward S., assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 1,921,133; Aug. 8.
- Peake, Edward S., assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Mechanical movement: toy machine. 1,926,305; Sept. 12.
- Peake, Edward S., assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Wheeled toy. 1,929,257; Oct. 3.
- Peal, John, St. Bernard, assignor of one-half to Mathias W. Rack, Cincinnati, Ohio. Gutter hanger. 1,940,369; Dec. 19.
- Peale-Davis Company. (See Davis, Kenneth, assignor.)
- Peale-Davis Company. (See Peale, Richard, assignor.)
- Peale-Davis Company. (See Peale, Richard and R., Jr., assignors.)
- Peale, Rembrandt, Jr. (See Peale, Richard and R., Jr.)
- Peale, Richard, St. Benedict, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. Re19,021; Dec. 12.
- Peale, Richard and R., Jr., St. Benedict, Pa., assignors, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 1,923,951; Aug. 22.
- Peale, Richard and R., Jr., St. Benedict, Pa., assignors, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and apparatus for separating intermixed divided materials. 1,931,008; Oct. 17.
- Pearce, Arthur C. (See Robertson, John W., assignor.)
- Pearce, Charles F., Jr., Glencoe, assignor, by mesne assignments, to Burton-Dixie Corporation, Chicago, Ill. Box spring frame. 1,907,659; May 9.
- Pearce, Dorothy D., et al., administrator. (See Pearce, James W., assignor.)
- Pearce, Edwin S., assignor to The Railway Service & Supply Corporation, Indianapolis, Ind. Waste renovating apparatus. 1,911,527; May 30.
- Pearce, Edwin S., assignor to The Railway Service & Supply Corporation, Indianapolis, Ind. Agitator and conveyor. 1,911,528; May 30.
- Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Apparatus for renovating journal box packing. 1,921,095; Aug. 8.
- Pearce, Edwin S., assignor to Railway Service and Supply Corporation, Indianapolis, Ind. Extractor. 1,926,402; Sept. 12.
- Pearce, James W., deceased, Philadelphia, I. R. Bush and D. D. Pearce, administrators, assignors to A. J. Pursell, Narberth, Pa. Wall clip. 1,928,393; Sept. 26.
- Pearce, Lewis C., assignor to The Standard Envelope Manufacturing Company, Cleveland, Ohio. Method of and apparatus for applying envelope fasteners. 1,931,155; Oct. 17.
- Pearce, Llewellyn T., assignor to The Bristol Aeroplane Company, Limited, Bristol, England. Apparatus for machining propeller blades and like articles. 1,893,443; Jan. 3.
- Pearce, Louis M., assignor to Texas Iron Works Sales Corporation, Houston, Tex. Pipe adjusting apparatus. 1,907,862; May 9.
- Pearce, Stander L., assignor of one-half to London Power Company Limited, London, England. Apparatus for the treatment of flue gases and the like. 1,908,782; May 16.
- Pearce, Stander L., assignor of one-half to London Power Company Limited, London, England. Gas scrubber. 1,929,712; Oct. 10.
- Pearce, Walter H., assignor to The Brown Instrument Company, Philadelphia, Pa. Pen and pen treatment. 1,894,632; Jan. 17.
- Pearce, Walter H., Churchville, assignor to The Brown Instrument Company, Philadelphia, Pa. Recording instrument fountain pen. 1,895,727; Jan. 31.
- Pearce, William L., Houston, Tex. Blow-out preventer. 1,910,634; May 23.
- Pearch, Oliver E., assignor, by mesne assignments, to The Penco Steel Corporation, Detroit, Mich. Detachable road scraper blade. 1,937,243; Nov. 28.
- Pearlman, Julius, Lynbrook, N. Y. Cutting machine. 1,909,868; May 16.
- Pearlman, Malkan A., Chicago, Ill. Deck of playing cards or the like. Des. 89,013; Jan. 10.
- Pearmain, William J., assignor to The Twin Disc Clutch Company, Racine, Wis. Shoe clutch. 1,918,286; July 18.
- Pearmain, William J., assignor to The Twin Disc Clutch Company, Racine, Wis. Clutch. 1,923,453; Aug. 22.
- Pearne, Frank Y., Alhambra, and W. McClintock, assignors of one-third to F. R. Galbreath, Los Angeles, Calif. Pot forming machine. 1,899,881; Feb. 28.
- Pearsall, David E., Pittsburgh, Pa., assignor to The Ensign-Bickford Co., Simsbury, Conn. Safety fuse. 1,907,863; May 9.
- Pearsall, David E., Pittsburgh, Pa., assignor to The Ensign-Bickford Co., Simsbury, Conn. Plastic waterproof coating for blasting dynamite and the like. 1,917,540; July 11.
- Pearsall, Harold, Keating Summit, Pa. Hydraulic spudder. 1,898,684; Feb. 21.
- Pearson, Amel L., and J. J. Gerhardt, Madison, Wis. Self-adjusting valve lifter, or tappet. 1,900,518; Mar. 7.
- Pearson, Arthur D., Chicago, Ill. Pin-ball amusement game device. Des. 89,552; Mar. 28.
- Pearson, Axel A., Kansas City, Mo. Producing photographic plates. 1,901,468; Mar. 14.
- Pearson, Carl A., Denver, Colo. Interlocking valve construction. 1,898,569; Feb. 21.
- Pearson, Charles, Cicero, Ill., assignor to International Harvester Company. Motor lawn mower. 1,906,871; May 2.
- Pearson, Charles, Cicero, Ill., assignor to International Harvester Company. Tractor mower. 1,911,387; May 30.
- Pearson, Charles, Cicero, Ill., assignor to International Harvester Company. Tractor mower. 1,923,952; Aug. 22.
- Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Mower. 1,911,388; May 30.
- Pearson, Charles E. (See Davis, E. L., and Pearson.)
- Pearson, Donald M., Oakland, Calif. Electrically operated pumping apparatus. 1,924,412; Aug. 29.
- Pearson, Edwin A. (See Salmen, K., and Pearson.)
- Pearson, Eric G., Roselle, N. J. Washer for water faucets. 1,939,363; Dec. 12.
- Pearson, Fred. (See Prendergast, R. S., and Pearson.)
- Pearson, Fred A. A., Valley Stream, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Propeller. 1,902,096; Mar. 21.
- Pearson, Fred L. (See Kahn, L. A., and Pearson.)
- Pearson, Frederick C., Jr., Somersworth, N. H. Oil can. 1,936,522; Nov. 21.
- Pearson, George A., et al. (See Dickson, George F., assignor.)
- Pearson, Gustav C., assignor to Gardner-Denver Company, Denver, Colo. Lubricator. 1,896,368; Feb. 7.
- Pearson, Gustav C., assignor to Gardner-Denver Company, Denver, Colo. Slip rotation for rock drills. 1,940,693; Dec. 26.

- Pearson, Howard B., and F. R. Culver, San Francisco, Calif. Electric socket. 1,927,293; Sept. 19.
- Pearson, Lawrence J., Wynote, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. Battery construction. 1,937,714; Dec. 5.
- Pearson, John T., assignor to Crouse-Hinds Company, Syracuse, N. Y. Grounding fitting. 1,920,374; Oct. 3.
- Pearson, Oscar A., Oak Park, and C. H. Thordarson, assignors to Thordarson Electric Manufacturing Company, Chicago, Ill. Constant current transformer. 1,895,231; Jan. 24.
- Pearson, Paul E. (See Troyer, N., and Pearson.)
- Pearson, Swan A., Chicago, Ill. Refrigerating system. 1,911,464; May 30.
- Pearson, Victor E. (See de Sherbinin, E. M., Pearson, and Ingram.)
- Pearson, Victor E. (See Ingram, E. H., and Pearson.)
- Pearson, William J. (See Elliott, Elmer C., assignor.)
- Peary, Herbert. (See Spaeth, C., and Peary.)
- Pease, Anthony Equipment Co. (See Anthony, Alfred W., Jr., assignor.)
- Pease, Frank W. (See Nelson, A. L., and Pease.)
- Pease, Isaac M., Cincinnati, Ohio. Abdominal supporting belt. 1,893,960; Jan. 10.
- Pease, Isaac M., Cincinnati, Ohio, assignor to The Ohio Truss Company. Truss pad construction. 1,892,804; Jan. 3.
- Pease, Isaac M., Cincinnati, Ohio, assignor to The Ohio Truss Company. Truss pad. 1,892,805; Jan. 3.
- Pease, John W., Rochester, N. Y. Feeding mechanism for fruit paring machines. 1,922,745; Aug. 15.
- Pease, Orville E., Baldwin, N. Y., and N. G. Joseph, Bogota, N. J., assignors to F. J. Kloes, Incorporated, New York, N. Y. Clamping device. 1,920,130; July 25.
- Pechan, Igazaz. (See Clementi, A., and Pechan.)
- Pechin, Germaine, née Lacroux, Bois-Colombes, France. Preparing transparent phenol-formaldehyde resins. 1,894,702; Jan. 17.
- Peck, Edward B., Elizabeth, N. J., assignor to Standard-I. G. Company. Reactivation of catalyst used for the hydrogenation of hydrocarbon oils. 1,894,785; Jan. 17.
- Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Cracking in homogeneous state. 1,933,507; Oct. 31.
- Peck, Edward B., Elizabeth, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Catalytic process for destructive hydrogenation of heavy hydrocarbons and for regeneration of catalyst therefor. 1,933,508; Oct. 31.
- Peck, Elmer E., Long Beach, Calif. Steering mechanism for boats. 1,903,265; Mar. 28.
- Peck, Frank G., New Haven, Conn., assignor, by mesne assignments, to The Guardian Trust Company, Cleveland, Ohio. Machine for making collapsed cartons. 1,903,243; Mar. 28.
- Peck, Frederic G., Los Angeles, Calif. Automatic stopping device for spreaders and drawing frames. 1,926,957; Sept. 12.
- Peck, Garrette W., San Diego, Calif. Dirigible aircraft. 1,895,518; Jan. 31.
- Peck, Harry D. (See Mann, Leo, assignor.)
- Peck, Henry A., Crown Point, N. Y. Oil gauge wiper. 1,916,933; July 4.
- Peck, John B., Richmond Heights, assignor to J. M. Brown, St. Louis, and M. Peck, Richmond Heights, Mo. Refrigerator and cooling apparatus. 1,917,056; July 4.
- Peck, Joseph A., Worcester, Mass. Hydraulic meter. 1,897,858; Feb. 14.
- Peck, Lawrence W., assignor to Consistometer Corporation, Chicago, Ill. Gun for cleaning differentials and the like. 1,940,506; Dec. 19.
- Peck, Louis E., assignor to Mechanics' Tool & Wrench Company, Greenfield, Mass. Pipe wrench. 1,922,496; Aug. 15.
- Peck, Margaret, et al. (See Peck, John B., assignor.)
- Peck, Wallace K., and W. R. Brown, assignors to Brown Package Company, Winchendon, Mass. Garden tub. 1,932,748; Oct. 31.
- Pecker, Joseph S., Philadelphia, Pa. Jig. 1,897,495; Feb. 14.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Rotary winger aircraft. 1,898,097; Feb. 21.
- Pecker, Joseph S., assignor to Autogiro Company of America, Philadelphia, Pa. Construction and control of aircraft having air actuated sustaining means. 1,929,512; Oct. 10.
- Peckerman, Charles, New York, N. Y. Lamp bulb. Des. 89,056; Jan. 17.
- Peckham, Charles E., Chicago, Ill. Retaining device. 1,896,681; Feb. 7.
- Peckham, Frank E. (See Orr, Robert C., assignor.)
- Peckham, Wolf & Co. (See Bishop, Storrs M., assignor.)
- Peckinpaugh, Ernest H., Chattanooga, Tenn. Fish lure. 1,929,150; Oct. 3.
- Peckinpaugh, Ernest H., Chattanooga, Tenn. Fish lure. 1,929,151; Oct. 3.
- Ped, Incorporated. (See Ljungstrom, Fredrik, assignor.)
- Peddico, Paul G., Dayton, Ohio. Electric food slicer. Des. 90,261; July 4.
- Pedersen, Elida N. (See Goodman, Leslie B., assignor.)
- Pedersen, Ingvald O., Wilkinsburg, Pa. Manufacture of drawn glass. 1,892,806; Jan. 3.
- Pedersen, Louis S., Chicago, Ill. Weather strip mechanism. 1,927,691; Sept. 19.
- Pedersen, Olaf S., East Orange, N. J. Heat exchange device. 1,922,173; Aug. 15.
- Pederson, Edwin, trustee. (See Adams, Royal E., assignor.)
- Pederson, George C., West New Brighton, N. Y. Plant support. Des. 90,140; June 13.
- Pederson, George C., West New Brighton, Staten Island, N. Y. Plant support. Des. 90,165; June 20.
- Pederson, John, St. Louis, Mo. System of control for electric elevators. 1,920,590; Aug. 1.
- Pederson, John P., Chicago, Ill. Paper making machine. 1,937,125; Nov. 28.
- Pedrazzo, Giovanni, Biella, Italy. Contact finger for electric machines and apparatus. 1,915,948; June 27.
- Peebles, David D., Eureka, Calif. Desiccating method and apparatus. 1,914,895; June 20.
- Peebles, David D., and A. E. Barlow, Eureka, Calif.; said Barlow assignor to said Peebles. Centrifugal atomizer. 1,939,364; Dec. 12.
- Peebles, David D., Eureka, and P. D. V. Manning, Berkeley Woods, Calif. Manufacture of lactose-containing material. 1,928,135; Sept. 26.
- Peebles, Frank B., assignor to Gifford-Wood Company, Hudson, N. Y. Gate. 1,903,633; Apr. 11.
- Peebles, Thomas A., Mount Lebanon, assignor to John M. Hopwood, Dormont, Pa. Apparatus for controlling steam generation. Re18,825; May 9.
- Peebles, Thomas A., Mount Lebanon, assignor to John M. Hopwood, Dormont, Pa. Water control apparatus. 1,904,324; Apr. 18.
- Peebles, Thomas A., Mount Lebanon, assignor to J. M. Hopwood, Dormont, Pa. Automatic combustion safety control system. 1,905,745; Apr. 25.
- Peebles, Thomas A., Mount Lebanon, assignor to John M. Hopwood, Dormont, Pa. Draft control system. 1,915,101; June 20.
- Peebles, Thomas A., Mount Lebanon, assignor to J. M. Hopwood, Dormont, Pa. Apparatus for utilizing and controlling the thermal energy in heating systems. 1,927,215; Sept. 19.
- Peebles, William O., Statesboro, Ga. Hat blocking and rebuilding machine. 1,918,192; July 11.
- Peek, Johann. (See Rogowski, W., Grösser, and Peek.)
- Peel, Alfred L., Birmingham, England. Fastening for attached cases, bags, trunks, and the like. 1,899,822; Feb. 28.
- Peel, Arthur, London, England. Indexing device. 1,900,073; Mar. 7.
- Peel Company, The. (See Bancroft, J. E., assignor.)
- Peeler, Alfred W. (See McCash, P. V., and Peeler.)
- Peelle Company, The. (See Bancroft, James E., assignor.)
- Peelle Company, The. (See Peelle, Robert S., assignor.)
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Electrical interlock. 1,904,008; Apr. 18.
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Operator for counterbalanced elevator doors. 1,904,009; Apr. 18.
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Pass-type elevator door. 1,904,010; Apr. 18.
- Peelle, Robert S., Hollis, assignor to The Peelle Company, Brooklyn, N. Y. Motor for elevator door operators. 1,929,513; Oct. 10.
- Peerless Chain Co. (See Bambenek, Joseph B., assignor.)
- Peerless Ice Machine Company. (See Haimbaugh, R. C., and Hoessel, assignors.)
- Peerless Manufacturing Corporation. (See Fereday, Frederick T., assignor.)
- Peerless Motor Car Corporation. (See Thomas, Stanley R., assignor.)
- Peet, Gerald D., Montclair, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Method and apparatus for treating water. 1,912,334; May 30.
- Peets, Wilbur J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine. Des. 89,114; Jan. 24.
- Peets, Wilbur J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric driving device for sewing machines. 1,934,373; Nov. 7.
- Peets, Wilbur J., assignor to Diehl Manufacturing Company, Elizabeth, N. J. Phonograph driving mechanism. 1,905,746; Apr. 25.
- Pegram, George H., South Orange, N. J. Aircraft structure. 1,921,428; Aug. 8.
- Pegram, James C., assignor of one-half to W. O. Luly, Alton, Ill. Surfacing material and forming same. 1,925,460; Sept. 5.
- Pehlke, John, assignor to Rhodes-Hochriem Manufacturing Company, Chicago, Ill. Dashpot for weighing machines. 1,897,765; Feb. 14.
- Pehrson, Adam H., Norrnas, Oscar Fredriksborg, Sweden. Electric furnace. 1,917,730; July 11.
- Pehrson, Alfred K., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Guard fence. 1,931,904; Oct. 24.
- Pehrsson, John S., Elyria, assignor of one-half to J. M. Gemberling, Lakewood, Ohio. Lifting device. 1,929,956; Oct. 10.
- Pehrsson, Sven J., assignor to The Colson Company, Elyria, Ohio. Truck platform. 1,908,783; May 16.
- Pehrsson, Sven J., assignor to The Colson Company, Elyria, Ohio. Hand truck. 1,916,850; July 4.

- Peik, Louis D., Mishawaka, Ind., assignor to The American Foundry Equipment Company, New York, N. Y. Sand blast gun. 1,910,497; May 23.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 1,893,060; Jan. 3.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 1,893,061; Jan. 3.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for circulating molten glass. 1,893,062; Jan. 3.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding apparatus and method. 1,902,788; Mar. 21.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Rotary knife for severing molten glass. 1,904,325; Apr. 18.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for supplying molten glass. 1,905,494; Apr. 25.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for supplying molten glass. 1,905,495; Apr. 25.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Glass shaping mechanism. 1,907,570; May 9.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 1,909,152; May 16.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Glass severing mechanism. 1,910,856; May 23.
- Peiler, Karl E., West Hartford, Conn., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 1,911,529; May 30.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for fabricating glassware. 1,914,155; June 13.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 1,914,156; June 13.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming glassware. 1,914,157; June 13.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Delivering molten glass charges to shallow molds. 1,920,593; Aug. 1.
- Peiler, Karl E., assignor, by mesne assignments, to The Hartford-Empire Company, Hartford, Conn. Machine for feeding molten glass. 1,923,554; Aug. 22.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Gathering pool. 1,937,479; Nov. 28.
- Peiler, Karl E., West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn. Manufacture of glassware. 1,937,913; Dec. 5.
- Peinl, Anton. (See Schier, J., Petschenig, and Peinl.)
- Peirce, August D., Oakland, Calif. Handcuff holster. 1,894,540; Jan. 17.
- Peirce, Charles L., jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Insulator support. 1,917,322; July 11.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Accounting machine. 1,896,554; Feb. 7.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Rotary printing machine. 1,896,555; Feb. 7.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Perforated card controlled machine. 1,909,548; May 16.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Accounting machine. 1,909,549; May 16.
- Peirce, John R., New York, assignor to The Tabulating Machine Company, Endicott, N. Y. Printing device. 1,909,550; May 16.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Accounting machine. 1,914,285; June 13.
- Peirce, John R., assignor, by mesne assignments, to The Tabulating Machine Company, New York, N. Y. Accounting machine. 1,916,987; July 4.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 1,926,881; Sept. 12.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated card reading and analyzing device. 1,926,882; Sept. 12.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Feed head for tabulators. 1,926,883; Sept. 12.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Distributing machine. 1,930,283; Oct. 10.
- Peirce, John R., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 1,933,335; Oct. 31.
- Peirce, Joseph O. (See Stegemeyer, L. A., and Peirce.)
- Peirson, Harold T. (See Keely, C. D., and Peirson.)
- Peiseler, Alfred, Remscheid-Haddenbach, Germany. Apparatus for the production of files and file casings. 1,896,199; Feb. 7.
- Pekar, Joseph, Bridgeport, Conn. Antiglare device. 1,906,090; Apr. 25.
- Pelikan, John M., Pittsburgh, and C. A. Brooks, Swissvale, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,910,360; May 23.
- Pelikan, John M., and C. A. Brooks, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 1,939,722; Dec. 19.
- Pelipetz, Michail G., assignor of one-half to Peter L. Doodchenko, New York, N. Y. Book match manufacturing. 1,931,676; Oct. 24.
- Pelizzola, Mino, Milan, Italy. Safety razor. 1,920,711; Aug. 1.
- Pelkie, Joseph W., Butte, Mont. Insulator. 1,911,238; May 30.
- Pell, James D., et al. (See Satterthwaite, Thomas W., assignor.)
- Pellegrin, Elmer D. (See Wilkinson, G. D., and Pellegrin.)
- Pelletier, Henry, Fitchburg, Mass. Antishimmying device. 1,939,409; Dec. 12.
- Pelletier, Robert P. (See McEntee, J. A., and Pelletier.)
- Pellow, Robert E., Waco, Tex. Display case. 1,920,882; Aug. 1.
- Pellymouter, Otis A., San Francisco, Calif. Shipping container. 1,901,530; Mar. 14.
- Pelo, Carl, Tavastehus, Finland. Light machine gun. 1,897,710; Feb. 14.
- Pelot, Frank. (See Pelot, Leon V. and F.)
- Pelot, Leon V., Wisconsin Rapids, and F. Pelot, assignors to Neekoosa-Edwards Paper Company, Port Edwards, Wis. Apparatus for and method of cooking wood pulp. 1,905,050; Apr. 25.
- Pelouch, James, assignor to The United States Air Compressor Company, Cleveland, Ohio. Valve. 1,928,461; Sept. 26.
- Pelouch, James J., Newburg Heights, assignor to The United States Air Compressor Company, Cleveland, Ohio. Lubricant dispensing device. 1,915,443; June 27.
- Pelouch, James J., Newburg Heights, and P. I. Schultz, assignors to The United States Air Compressor Company, Cleveland, Ohio. Lubricant dispensing apparatus. 1,914,896; June 20.
- Pelouch, James J., Newburg Heights, and P. I. Schultz, Cleveland, assignors to The United States Air Compressor Company, Cleveland, Ohio. Lubricant dispensing device. 1,922,109; Aug. 15.
- Peltier, Frank D., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Float valve. 1,895,084; Jan. 24.
- Peltier, Frank D., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Water cooler. 1,895,085; Jan. 24.
- Peltier, Frank D., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Conduit connection for compressors. 1,900,661; Mar. 7.
- Peltier, Frank D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating unit. 1,918,981; July 18.
- Peltier, Frank D., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Motor-pump unit. 1,928,300; Sept. 26.
- Peltier Glass Company, The. (See Peltier, Sellers H., assignor.)
- Peltier, Sellers H., assignor to The Peltier Glass Company, Ottawa, Ill. Method of and device for making vitreous objects. 1,927,650; Sept. 19.
- Pelton, Earl L. (See Strosacker, C. J., Kennedy, and Pelton.)
- Pelton, Earl L., and C. C. Kennedy, assignors to The Dow Chemical Company, Midland, Mich. Oxidation of secondary alcohols. 1,926,059; Sept. 12.
- Pelton, Ernest W., assignor to The Stanley Works, New Britain, Conn. Garage door holder. 1,913,683; June 13.
- Pelton, George E., Los Angeles, Calif., assignor to The George E. Pelton Company. Ink transfer member and making the same. 1,904,628; Apr. 18.
- Pelton, George E., Company. (See Pelton, George E., assignor.)
- Pelton, George M., assignor to The Filer & Stowell Co., Milwaukee, Wis. Control means for dogging mechanism. 1,937,244; Nov. 28.
- Pelton Water Wheel Company, The. (See Foulds, Charles V., assignor.)
- Pelton, William E., and E. H. Holcombe, Canton, Pa. Ax. 1,895,342; Jan. 24.
- Peltzer, Albert, jr. (See Peltzer, Albert and A., jr.)
- Peltzer, Albert and A., jr., Chicago, Ill., assignors to Merco Centrifugal Separator Co., Ltd., San Francisco, Calif. Method and apparatus for centrifugal separation. 1,923,454; Aug. 22.
- Peltzer, Albert and A., Jr., Palo Alto, assignors to Merco Centrifugal Separator Co., Ltd., San Francisco, Calif. Mill-starch treatment and method. 1,923,455; Aug. 22.
- Peltzer, Albert, Palo Alto, Calif., and A. Peltzer, Jr., Chicago, Ill., assignors to Merco Centrifugal Separator Co., Ltd., San Francisco, Calif. Centrifuge method and apparatus. 1,933,119; Oct. 31.
- Pelz, Otto A., Brooklyn, N. Y. Squeegee. 1,934,556; Nov. 7.

- Pelzer, Harry L., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Cracking and coking hydrocarbon oils. 1,937,163; Nov. 28.
- Pelzer, Harry L., Highland, Ind., and E. C. Herthel, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Apparatus for cracking hydrocarbons. 1,910,048; May 23.
- Pembroke Chemical Corporation. (See Gooch, S. D. and Kerschbaum, assignors.)
- Pembroke, Leon H., Bay City, Mich. Hub cap puller. 1,923,953; Aug. 22.
- Pencap Corporation. (See Capell, C. F., and Pendleton, assignors.)
- Pence, Millard D. (See Taylor, E. A., Pence, and Dunham.)
- Penche, Jean G., Roussillon, France, assignor, by mesne assignments, to Du Pont Rayon Company, New York, N. Y. Process of discharging. 1,898,211; Feb. 21.
- Pen-Chlor, Incorporated. (See Reitz, H., and Ehlers, assignors.)
- Pencil Mechanism Corporation. (See Woelm, Alfred, assignor.)
- Penco Steel Corporation, The. (See Pearch, Oliver E., assignor.)
- Pender, Harold, Merion, assignor to International Resistance Company, Philadelphia, Pa. Apparatus for testing resistance. 1,897,330; Feb. 14.
- Pender, L. Dow, jr. (See Pender, Lorenzo D., assignor.)
- Pender, Lorenzo D., Raleigh, N. C., assignor to L. Dow Pender, jr., Tarboro, N. C. Brush killer. 1,917,731; July 11.
- Pendergast, James F., Leicester, and E. Johnson, Geneseo, N. Y. Parachute. 1,906,091; Apr. 25.
- Pendergast, Maurice H., assignor to Brunner Manufacturing Company, Utica, N. Y. Compressor. 1,917,057; July 4.
- Pen Desk Set Company. (See Back, R., and Cooper, assignors.)
- Pendleton, Clerman H., Essex, Iowa. Float valve. 1,898,389; Feb. 21.
- Pendleton, Edwin H. (See Capell, C. F., and Pendleton.)
- Pendleton, Eldridge M., Vicksburg, Miss. Folding support. 1,900,760; Mar. 7.
- Pendleton, Louis B., St. Louis, Mo. Radiator. 1,927,991; Sept. 26.
- Pendleton, Morris B. (See Berggren, Charles A., assignor.)
- Pendleton, Pyam L., assignor to Pantex Pressing Machine, Inc., Pawtucket, R. I. Power press. 1,930,349; Oct. 10.
- Pendock, Jonathan C., Toronto, Ontario, Canada. Voltage indicator. 1,928,951; Oct. 3.
- Penfield, Walker, Ridley Park, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Manufacturing hydrofluosilicic acid. 1,938,533; Dec. 5.
- Pengilly, Henry E. (See Anderson, L. R., and Pengilly.)
- Pengilly, Joseph H., L. G. Maechtlen and E. Miller, assignors to Diamond Electrical Manufacturing Company, Ltd., Los Angeles, Calif. Magnetic switch. 1,936,098; Nov. 21.
- Penhalgen, Charles, Midland, Mich. Baker's peel. 1,932,474; Oct. 31.
- Penick, Arthur J. and K. T., Houston, Tex. Blowout preventer. 1,902,097; Mar. 21.
- Penick, Edward R., Houston, Tex. Bearing. 1,906,715; May 2.
- Penick, Edward R., Houston, Tex. Choker. 1,915,867; June 27.
- Penick, Kirby T. (See Penick, Arthur J. and K. T.)
- Penman, Samuel, assignor to E. G. Trainor, New York, N. Y. Battery post oiler. 1,940,507; Dec. 19.
- Penn, Albert, assignor to Penn Electric Switch Co., Des Moines, Iowa. Float operated switch. Re18,744; Feb. 21.
- Penn, Albert, assignor to Penn Electric Switch Co., Des Moines, Iowa. Safety device for tire inflaters. 1,918,612; July 18.
- Penn Anthracite Mining Company. (See Morgan, Hopkin, assignor.)
- Penn Art Steel Works. (See Willson, Job H., assignor.)
- Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
- Penn Electric Switch Co. (See Penn, Albert, assignor.)
- Penn, Everett S., assignor to Armstrong Cork Company, Lancaster, Pa. Waterproof insulating board. 1,938,351; Dec. 5.
- Penn, George R. (See Oliver, R., and Penn.)
- Penn, Gregory, Dallas, Tex. Locking means for fuel tanks of automobiles. 1,936,207; Nov. 21.
- Penn Metal Company. (See Baker, Herbert K., assignor.)
- Penn, Ralph, assignor to Penn Electric Switch Co., Des Moines, Iowa. Automatic controlling device. 1,904,326; Apr. 18.
- Penner, Daniel, and I. Feintuch, Kingston, N. Y. Mattress. 1,892,679; Jan. 3.
- Penney, J. W., & Sons Co. (See Penney, Samuel R., jr., assignor.)
- Penney, Samuel R., jr., assignor to J. W. Penney & Sons Co., Mechanic Falls, Maine. Drier and polisher for wood turnings. 1,921,321; Aug. 8.
- Penney, Walter J., West Haven, Conn. Light dimmer. 1,925,001; Aug. 29.
- Penniman, William B. D., Baltimore, Md. Cracking hydrocarbon oils. 1,922,322; Aug. 15.
- Pennington, Charles W. (See Eisenbut, F., and Pennington.)
- Pennington, Harry, San Antonio, Tex. Spinning tong. 1,925,970; Sept. 5.
- Pennoek, Edward M., Minneapolis, Minn. Bottle crate. 1,913,563; June 13.
- Pennoek, Edward M., assignor to G. H. Tennant Company, Minneapolis, Minn. Crate corner construction. 1,930,726; Oct. 17.
- Pennoek, Edward M., assignor to G. H. Tennant Company, Minneapolis, Minn. Spacer. 1,935,952; Nov. 21.
- Pennoek, George E., Bedford, Ohio. Woodworking machine. 1,934,207; Nov. 7.
- Pennoyer, Mary J. B., administratrix. (See Bennett, James H.)
- Pennoyer, Raymond P., Pittsburgh, Pa. Wall construction. 1,933,483; Oct. 31.
- Pennsylvania Crusher Company. (See Borton, George W., assignor.)
- Pennsylvania Crusher Company. (See Campbell, Herbert F., assignor.)
- Pennsylvania Crusher Company. (See Hartshorn, Stanley D., assignor.)
- Pennsylvania Crusher Company. (See Jamison, Charles A., assignor.)
- Pennsylvania Engineering Works. (See Lockhart, C. B., and Allen, assignors.)
- Pennsylvania Powder Company. (See Schless, Robert, assignor.)
- Pennsylvania Railroad Company. (See Butts, George W., assignor.)
- Pennsylvania Railroad Company. (See Butts, G. W., assignor, and Stewart.)
- Pennsylvania Railroad Company, The. (See Butts, G. W., and Williamson, assignors.)
- Pennsylvania Railroad Company, The. (See Gray, William E., assignor.)
- Pennsylvania Railroad Company. (See Owens, Samuel H., assignor.)
- Pennsylvania Rubber Company. (See Bowers, A. C., and Humphrey, assignors.)
- Pennsylvania Rubber Company. (See Humphrey, Walter E., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Penfield, Walker, assignor.)
- Pennsylvania Wire Glass Company. (See Masters, Paul G., assignor.)
- Pennsylvania Wire Glass Company. (See Shuman, Arno, assignor.)
- Penny, Ira W., Phoenix, Ariz. Vending machine. 1,900,074; Mar. 7.
- Penny, James P., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Producing azo dyes. 1,897,211; Feb. 14.
- Pennzoil Company, The. (See John, Robert, assignor.)
- Penote, Augustus J., Shaker Heights, Ohio. Swinging conveyor mechanism. 1,924,455; Aug. 29.
- Penote, Vincent S., Euclid, Ohio. Excavator bucket. 1,927,323; Sept. 19.
- Penrod, Melvin A., Murrysville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,926,789; Sept. 12.
- Penrod, Walter E. (See Feagles, R. L., and Penrod.)
- Penrose, William E., Clarksville, Iowa. Root cutter. 1,897,859; Feb. 14.
- Penrose, William F., Kenosha, Wis. Brake. 1,928,630; Oct. 3.
- Pent, Robert E., Jenkintown, Pa. Container for cigars. 1,895,258; Jan. 24.
- Pentz, Albert D., assignor to Pentz Motor Brake Corporation, New York, N. Y. Hydraulic brake for vehicles. 1,912,217; May 30.
- Pentz, Albert D., assignor to Pentz Motor Brake Corporation, New York, N. Y. Hydraulic brake actuating unit. 1,912,218; May 30.
- Pentz Motor Brake Corporation. (See Pentz, Albert D., assignor.)
- Peo, Howard J., Rochester, N. J. Game of skill. 1,896,915; Feb. 7.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shifting device. 1,905,496; Apr. 25.
- Peo, Ralph F., Kenmore, assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,910,049; May 23.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,920,272; Aug. 1.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,920,273; Aug. 1.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Controller for shock absorbers. 1,929,791; Oct. 10.
- Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,937,126; Nov. 28.
- Peo, Ralph F., Kenmore, assignor to Houde Engineering Corporation, Buffalo, N. Y. Making pistons for shock absorbers. 1,940,694; Dec. 26.
- People of the United States of America, The. (See Schuster, Carl E., assignor.)
- Peoples, Earl R., Beardstown, Ill. Goal. 1,904,836; Apr. 18.
- Peoples Gas By-Products Corporation. (See Guthrie, R. G., and Wilbor, assignors.)
- Peoples Gas By-Products Corporation. (See Guthrie, R. G., and Wozasek, assignors.)
- Peoples Gas Light and Coke Company, The. (See Whittington, James A., assignor.)

- Peoples Natural Gas Company, The. (See Williamson, Donald B., assignor.)
- Peoples Savings Bank & Trust Co., et al., executor. (See White, Charles E.)
- Peoples Voting Machine Corporation. (See Garr, Joseph M., assignor.)
- Peoria Drill & Seeder Co. (See Schwab, Peter W., assignor.)
- Pepkorn, Heinrich, F. Wempe and O. H. Hartmann, Cassel-Wilhelmshöhe, Germany, assignors to The Superheater Company, New York, N. Y. Superheater. 1,929,514; Oct. 10.
- Pepin, Joseph N., Chicago, Ill. Emblem. Des. 90,212; June 27.
- Pepin, Joseph N., Chicago, assignor to G. Curtis Bird, Wilmette, Ill. Automatic switching device. 1,919,378; July 25.
- Pepin, Joseph N., Chicago, assignor to G. Curtis Bird, Wilmette, Ill. Automatic sound reproducer. 1,920,430; Aug. 1.
- Pepper, Dr., Bottling Company of St. Louis. (See Smith, L. R., and Gordon.)
- Pepper, Byron J., Fort Wayne, Ind., assignor to Tokheim Oil Tank and Pump Company. Fluid dispensing apparatus. 1,896,056; Jan. 31.
- Pepper, Byron J., Fort Wayne, Ind., assignor to Tokheim Oil Tank and Pump Company. Fluid flow regulator. 1,916,635; July 4.
- Pepper, Byron J., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Dispensing pump. 1,918,193; July 11.
- Pepper, Byron J., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Equipment for dispensing lubricating oil and other liquids. 1,925,056; Aug. 29.
- Pepper, Charles W., Denver, Colo. Smoking pipe. 1,897,073; Feb. 14.
- Perazzoli, Henry, Philadelphia, Pa. Railway track grinder. 1,906,872; May 2.
- Perazzoli, Henry, Philadelphia, Pa. Crank shaft. 1,917,148; July 4.
- Perells, Walter J., Martinez, Calif., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking process. 1,939,274; Dec. 12.
- Perella, Domenico, Akron, Ohio. Ice cream cone. Des. 91,177; Dec. 12.
- Perew, Frank C., assignor of one-half to E. T. Wallace, Los Angeles, Calif. Apparatus for pulverizing and classifying ore and the like. 1,897,176; Feb. 14.
- Perey, John P. (See Kennedy, E. J., and Perey.)
- Perey Manufacturing Company. (See Kennedy, E. J., and Perey, assignors.)
- Pérez, Manuel H., San Pedro Sula, Honduras. Mechanical movement. 1,897,140; Feb. 14.
- Perez, Pedro C., Buenos Aires, Argentina. Novel buttering machine, attachable to meat slicing machines and the like. 1,911,965; May 30.
- Perez, Pedro C., Buenos Aires, Argentina. Container for ice creams, or similar substances. 1,915,616; June 27.
- Perfect Circle Company, The. (See Norrick, Stanley A., assignor.)
- Perfect Circle Company, The. (See Paton, Roy W., assignor.)
- Perfect Circle Company, The. (See Teetor, Macy O., assignor.)
- Perfect Circle Company, The. (See Teetor, Ralph R., assignor.)
- Perfect Manufacturing Company, The. (See Bollman, R. R., and Ornes, assignors.)
- Perfection Appliances Inc. (See Bossie, Charles S., assignor.)
- Perfection Steel Body Company. (See Bordeaux, Ephriam P., assignor.)
- Perfection Steel Body Company, The. (See Cohen, Harry, assignor.)
- Perfection Steel Body Company. (See Cohen, Ralph, assignor.)
- Perfection Steel Body Co. (See Wegner, Clarence J., assignor.)
- Perfection Stove Company. (See Chadwick, Lee S., assignor.)
- Perfection Stove Company. (See Chadwick, L. S., and Resek, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Dahlstrom, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Midnight, assignors.)
- Perfection Stove Company. (See Chadwick, L. S., Resek, and Sorensen, assignors.)
- Perfection Stove Company. (See Focke, Theodore B., assignor.)
- Perfection Stove Company. (See Keith, David F., assignor.)
- Perfection Stove Company. (See Midnight, Wilbur G., assignor.)
- Perham, Arthur L. (See Henderson, J. B., and Perham.)
- Perkin, Arthur G., Leeds, A. Shepherdson, Chorlton-cum-Hardy, Manchester, and N. H. Haddock, Prestwich, Manchester assignors to Imperial Chemical Industries, Limited, Westminister, England. Manufacture of vat dyes. 1,915,901; June 27.
- Perkins, Alfred W., and J. D. François, Newburyport, Mass.; said François assignor to said Perkins. Bottle attachment. 1,916,115; June 27.
- Perkins, B. F., & Son, Inc. (See Senna, Samuel N., assignor.)
- Perkins, Benjamin F., assignor to American Tissue Mills, Holyoke, Mass. Making articles of paper. 1,900,257; Mar. 7.
- Perkins Cementing, Inc. (See Wickersham, N. W., and Raymond, assignors.)
- Perkins, Charles E. (See Johnson, Walter.)
- Perkins, Chester A., South Bend, Ind. Engine cooling system. 1,920,883; Aug. 1.
- Perkins, Clarence B., assignor to The Cuno Engineering Corporation, Meriden, Conn. Filter. 1,926,557; Sept. 12.
- Perkins, Clarence J. (See Croslen, Roy C., assignor.)
- Perkins, David N., Norwood, Ohio. Steering gear. 1,894,055; Jan. 10.
- Perkins, Edward H., and H. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Trailer. Des. 90,896; Oct. 17.
- Perkins, Edward H., and H. E. Mills, assignors to The Dow Chemical Company, Midland, Mich. Transportation of automobiles. 1,931,803; Oct. 24.
- Perkins, Eugene J. C., Miami, Fla. Air heater and circulator for hair drying systems. 1,921,940; Aug. 8.
- Perkins, Frank P., assignor to Michael Yundt Company, Waukesha, Wis. Bottle washing machine. 1,923,743; Aug. 22.
- Perkins, Fred C., York, Pa. Secondary battery. 1,933,928; Nov. 7.
- Perkins, Frederick E., and W. S. Baker, London, England. Game apparatus. 1,909,313; May 16.
- Perkins, George G., Lynn, Mass. Machine for coating and distributing cement on materials. 1,935,060; Nov. 14.
- Perkins Glue Company. (See Cooper, Morton B., assignor.)
- Perkins, Granville A., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Preparation of vinyl chloride. 1,934,324; Nov. 7.
- Perkins, Harry F. (See Deacon, W. T., and Perkins.)
- Perkins, James F., Hayward, assignor to Alaska Packers Association, San Francisco, Calif. Can weighing machine. 1,932,985; Oct. 31.
- Perkins, John R., Washington, Conn. Air-vehicle indicating means. 1,919,126; July 18.
- Perkins, Julian L., West Springfield, Mass. Wringer. 1,902,579; Mar. 21.
- Perkins, Julian L., West Springfield, Mass. Wringer. 1,903,194; Mar. 28.
- Perkins, Julian L., West Springfield, Mass. Safety wringer. 1,906,406; May 2.
- Perkins, Julian L., West Springfield, Mass. Wringer. 1,912,219; May 30.
- Perkins, Julian L., West Springfield, Mass. Wringer apparatus. 1,912,220; May 30.
- Perkins, Julian L., assignor to Perkins Machine & Gear Company, West Springfield, Mass. Machine tool. 1,936,731; Nov. 28.
- Perkins, Julian L., West Springfield, and H. D. Croft, Springfield, Mass. Wringer. 1,902,580; Mar. 21.
- Perkins, Julian L., West Springfield, and H. D. Croft, Springfield, Mass. Safety wringer. 1,906,407; May 2.
- Perkins, Julian L., West Springfield, and H. D. Croft, Springfield, Mass. assignors to Perkins Machine & Gear Company, West Springfield, Mass. Hobbing machine. 1,936,730; Nov. 28.
- Perkins, Karl D. (See Karr, A. D., and Perkins.)
- Perkins, Lester A., and A. C. Wilson, Centerville, Iowa. Milk can lid. Des. 89,264; Feb. 14.
- Perkins, Laurence M. (See Schwarz, H., and Perkins.)
- Perkins, Laurence M., assignor to Delco-Remy Corporation, Anderson, Ind. Volume control. 1,933,148; Oct. 31.
- Perkins, Lester C., assignor to Parsons Paper Company, Holyoke, Mass. Making paper. 1,903,655; Apr. 11.
- Perkins, Louis E., New York, N. Y. Bilge pump. 1,899,917; Feb. 28.
- Perkins, Louis E., Brooklyn, N. Y. Marine lamp. 1,934,947; Nov. 14.
- Perkins Machine & Gear Company. (See Perkins, Julian L., assignor.)
- Perkins Machine & Gear Company. (See Perkins, J. L., and Croft, assignors.)
- Perkins, Melvin A., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediate and dyestuff of the dibenzanthrone series. 1,924,456; Aug. 29.
- Perkins, Ralph D., assignor to C. W. Anderson, Kenosha, Wis. Automatic weatherstrip for doors. 1,914,158; June 13.
- Perkins, Ralph O., Cleveland, Ohio. Sewing machine attachment for stamping and hammering sheet metal and the like. 1,940,767; Dec. 26.
- Perkins, Richard E., Everett, Mass. Corn harvester. 1,904,749; Apr. 18.
- Perkins, Robert L. (See Moses, F. G., Hess, and Perkins.)
- Perkins, Walter F., Upper Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Butt for backfill tampers. 1,893,596; Jan. 10.
- Perkins, Walter F., Montclair, and L. Trager, Newark, N. J., assignors to Worthington Pump and Machinery Corporation, New York, N. Y. Meter. 1,893,595; Jan. 10.
- Perkins, Willis B., jr., et al. (See Perkins, Willis J., assignor.)

- Perkins, Willis J., assignor to Willis B. Perkins, jr., and B. M. Kidder, Grand Rapids, Mich. Aerial aircraft carrier. 1,912,722; June 6.
- Perkins, Willis J., assignor to W. B. Perkins, jr., and Burgess M. Kidder, Grand Rapids, Mich. Airplane landing and launching appliance. 1,912,723; June 6.
- Perks, George W., assignor of one-half to Stanley H. Austin, Akron, Ohio. Frying pan. 1,904,925; Apr. 18.
- Perks, George W., assignor of one-half to Evalena L. Austin, Akron, Ohio. Composite friction material and making the same. 1,919,168; July 18.
- Perks, Thomas E., London, England. Dry cleaning apparatus. 1,940,631; Dec. 19.
- Perky, Scott H., Batavia, N. Y. Making food products. 1,923,684; Aug. 22.
- Perl, John, Tulsa, Okla., assignor to Doherty Research Company, New York, N. Y. Process and apparatus for treating hydrocarbons. 1,923,278; Aug. 22.
- Perl, John, Los Angeles, and R. Schuhmann, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Desulphurizing petroleum distillates. 1,935,725; Nov. 21.
- Perlman, Hans E., Portland, Oreg. Impeller. 1,929,823; Oct. 10.
- Perlesz, Hugo, assignor to Burton-Dixie Corporation, Chicago, Ill. Spring-cushion. 1,929,792; Oct. 10.
- Perley, George A., Durham, N. H. Making commercial hydrogen. 1,896,916; Feb. 7.
- Perling, Albert, Paris, Ky. Automatic merchandise displaying device. 1,905,351; Apr. 25.
- Perrin, David, Bronx, N. Y. Synchronous motor. 1,913,948; June 13.
- Perrin, Edward, Cicero, Ill. Filtering device. 1,929,605; Oct. 10.
- Permo Products Corporation. (See Funk, Charles J., assignor.)
- Permo Products Corporation. (See Olsen, Arthur J., assignor.)
- Permutit Company, The. (See Applebaum, Samuel B., assignor.)
- Permutit Company, The. (See Brice, Norman E., assignor.)
- Permutit Company, The. (See Bruce, William McA., assignor.)
- Permutit Company, The. (See Clark, Thomas B., assignor.)
- Permutit Company, The. (See Colvin, Robert H., assignor.)
- Permutit Company, The. (See De Ville, Edward J., assignor.)
- Permutit Company, The. (See Green, Walter H., assignor.)
- Permutit Company, The. (See Griswold, D. G., and Harwood, assignors.)
- Permutit Company, The. (See Johnson, Oscar W., assignor.)
- Permutit Company, The. (See Kriegsheim, Heinrich, assignor.)
- Permutit Company, The. (See Lamela, V. F., Pick, and Robertson, assignors.)
- Permutit Company, The. (See Lasselle, Percy, assignor.)
- Permutit Company, The. (See Liebknecht, Otto, assignor.)
- Permutit Company, The. (See McCanna, Edward P., assignor.)
- Permutit Company, The. (See Pick, Eric, assignor.)
- Permutit Company, The. (See Staegemann, Eugene, assignor.)
- Permutit Company, The. (See Sweeney, Orland R., assignor.)
- Permutit Company, The. (See Sweeney, O. R. and Clark, assignors.)
- Peroni, John H., Freeport, N. Y., and S. H. Alexander, Englewood, N. J. Separable weatherproof plug. 1,901,040; Mar. 14.
- Peroni, John H., Freeport, N. Y., and S. H. Alexander, Englewood, N. J. One-piece plug and receptacle. 1,901,041; Mar. 14.
- Perpetual Self Winding Watch Corporation. (See Reiner, Max, assignor.)
- Perrault, Joseph E., Watertown, Mass., assignor, by mesne assignments, to Hookless Fastener Company, Manipulating multiple fasteners. Rel.8,793; Apr. 11.
- Perret, Arthur, New York, N. Y. Mold for forming chocolate articles. 1,906,882; May 2.
- Perret, Charles-Ferdinand. (See Kunz, A., and Perret.)
- Perriera, Anthony R., Brooklyn, and J. A. Pagnozzi, Flushing, N. Y. Tool or chuck for the finishing and grinding of work in prosthetics. 1,897,496; Feb. 14.
- Perrigo, Archie L., Emmet, Mich. Door. 1,927,294; Sept. 19.
- Perrin, Jay C., Los Angeles, Calif., assignor to Towlsaver, Inc. Paper towel dispenser. 1,913,722; June 13.
- Perrine, Annie E., executrix. (See Perrine, G. H.)
- Perrine, Emmett B., Los Angeles, Calif., assignor to Perrine Manufacturing Co., Minneapolis, Minn. Automatic fishing reel brake. 1,896,369; Feb. 7.
- Perrine, George H., deceased, by A. E. Perrine, Hastings-upon-Hudson, N. Y., executrix, assignor to Scovill Manufacturing Company, Waterbury, Conn. Self locking slide loop. 1,917,149; July 4.
- Perrine, George H., deceased, by A. E. Perrine, Hastings-upon-Hudson, N. Y., executrix, assignor to Scovill Manufacturing Company, Waterbury, Conn. Self locking slide loops. 1,917,150; July 4.
- Perrine, George H., deceased, by A. E. Perrine, Hastings-upon-Hudson, N. Y., executrix, assignor to Scovill Manufacturing Company, Waterbury, Conn. Self locking slide loop. 1,917,151; July 4.
- Perrine Manufacturing Co. (See Perrine, Emmett B., assignor.)
- Perrine, Robert O., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for measuring flows of fluids. 1,934,948; Nov. 14.
- Perrins, Arthur W. (See Adam, R. A., Holmes, and Perrins.)
- Perrins, Newton M., assignor to Eastman Kodak Company, Rochester, N. Y. Reenforcing and protecting motion picture and sound film. 1,917,393; July 11.
- Perrnon, Charles A. (See Mears, N. A., and Perrnon.)
- Perrone, Benjamin, Woodside, and F. Santoro, New York, N. Y. Time switch. 1,920,664; Aug. 1.
- Perry, Agnes S. (See Perry, Ira D., assignor.)
- Perry, Arlington C., assignor to Armstrong Cork Company, Lancaster, Pa. Manufacture of linoleum. 1,939,275; Dec. 12.
- Perry, Charles L., Schenectady, N. Y., assignor to General Electric Company. Notching mechanism. 1,896,850; Feb. 7.
- Perry, David B., assignor to Morse Chain Company, Ithaca, N. Y. Internal-external flexible coupling. 1,898,496; Feb. 21.
- Perry, Donald B., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Printing telegraph exchange system. 1,926,172; Sept. 12.
- Perry, Edward D., Watertown, Conn., and G. E. Ball, Cranston, R. I., assignors to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Sadtiron. Des. 88,890; Jan. 3.
- Perry, Edward R., Hartsville, S. C. Agricultural implement. 1,896,611; Jan. 31.
- Perry, Francis W., assignor, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Combination freewheel and roll-on lift. 1,911,204; May 30.
- Perry, Frank B. (See Henrickson, Arthur G., assignor.)
- Perry, Grover C., Chicago, Ill. Index tab. 1,912,792; June 6.
- Perry, Harold R., Swarthmore, Pa., and C. S. Jennings, Syracuse, N. Y. Shoe rack or similar article. Des. 90,548; Aug. 22.
- Perry, Harold R., Swarthmore, Pa., and C. S. Jennings, Syracuse, N. Y. Shoe rack or similar article. Des. 90,549; Aug. 22.
- Perry, Harry L., Jamaica, N. Y. Multiple picture amusement device. 1,903,226; Mar. 28.
- Perry, Horace W., Oak Park, assignor to Reliable Electric Company, Chicago, Ill. Wire clamp. 1,899,983; Mar. 7.
- Perry, Ira D., assignor to A. S. Perry, Chicago, Ill. Air valve. 1,910,961; May 23.
- Perry, Ira D., assignor to Agnes S. Perry, Chicago, Ill. Air valve and the like. 1,923,501; Aug. 22.
- Perry, Ira D., Chicago, assignor to Edna L. Meyer, Rockford, Ill. Door bumper and the like. 1,931,770; Oct. 24.
- Perry, John, Pearl River, assignor to Dexter Folder Company, New York, N. Y. Sheet feeding apparatus. 1,921,167; Aug. 8.
- Perry, John, Pearl River, assignor to Dexter Folder Company, New York, N. Y. Machine for and method of folding sheets. 1,938,401; Dec. 5.
- Perry, John H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Promotion of catalysts. 1,914,458; June 20.
- Perry, John H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Promoted catalyst and making the same. 1,914,835; June 20.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Carbureted water gas apparatus for the use of heavy oil. 1,913,682; June 13.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Carbonizing solid bituminous fuel. 1,917,196; July 4.
- Perry, Joseph A., Swarthmore, assignor to The United Gas Improvement Company, Philadelphia, Pa. Cracking hydrocarbon gases and enriching with liquid hydrocarbons. 1,939,410; Dec. 12.
- Perry, Leo H., Schenectady, N. Y., assignor to General Electric Company. System of distribution. 1,920,804; Aug. 1.
- Perry, Lewis A., Seattle, Wash. Concrete mixometer. 1,898,890; Feb. 21.
- Perry, Norvin. (See Butts, A. C., and Perry.)
- Perry, Paul, Cleveland, Ohio. Ironing machine. 1,909,628; May 16.
- Perry, Stanley. (See Schroeder, O. C., and Perry.)
- Perry, Stanley, assignor to Automatic Burner Corporation, Chicago, Ill. Gas ignition device. 1,903,792; Apr. 18.
- Perry, Thomas C., Sand Springs, Okla., and H. R. Mathewson, Lyman, S. C.; said Mathewson assignor to said Perry. Measuring apparatus. 1,933,682; Nov. 7.
- Perry, Thomas J., et al. (See Heinz, George J., assignor.)
- Perry, Walter M., Brooklyn, N. Y., assignor to Sperry Products, Inc. Flaw detector for cables. 1,907,864; May 9.
- Perry, Walter M., Brooklyn, and G. L. Jones, East Williston, assignors, by mesne assignments, to Sperry Products, Inc., Brooklyn, N. Y. Automatic rail locator for brushes of fissure detector cars. 1,899,525; Feb. 28.
- Perry, William M. (See Brewster, O. C., and Perry.)

- Perryman, George H., Teaneck, N. J. Making corn plasters. 1,909,841; May 16.
- Perser Corporation, The. (See Draper, Ernest E., assignor.)
- Persinger, Narry L., Glendale, Calif. Automobile cover apparatus. 1,918,423; July 18.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,293; July 11.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,294; July 11.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,295; July 11.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,296; July 11.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,413; Aug. 1.
- Persky, Joseph, New York, N. Y. Textile fabric. Des. 90,414; Aug. 1.
- Person, Albert W. (See Hubbell, C. J., and McCauley, assignors.)
- Person, Earl R. (See Norton, F. H., and Person.)
- Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Splash guard for vehicle fenders. 1,910,635; May 23.
- Persons, Charles A., and N. B. Testa, assignors to Persons-Majestic Manufacturing Company, Worcester, Mass. Splash guard for vehicle fenders. 1,914,977; June 20.
- Persons, Laurence M., St. Louis, Mo. Furnace thermostat control. 1,912,791; June 6.
- Persons, Laurence M., St. Louis, Mo. Thermostat. 1,918,778; July 18.
- Persons, Laurence M., assignor to Emerson Electric Manufacturing Co., St. Louis, Mo. Fan. 1,897,860; Feb. 14.
- Persons, Laurence M., assignor to Emerson Electric Manufacturing Co., St. Louis, Mo. Fan. 1,906,408; May 2.
- Persons, Laurence M., assignor to Emerson Electric Manufacturing Co., St. Louis, Mo. Draft and damper control. 1,933,929; Nov. 7.
- Persons, Lawrence M. (See Finch, H. I., and Persons.)
- Persons, Lawrence M., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Exercising apparatus. 1,896,010; Jan. 31.
- Persons, Lawrence M., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Resilient support for electric motors. 1,900,128; Mar. 7.
- Persons, Lawrence M., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Laminated field assembly for electric motors. 1,922,216; Aug. 15.
- Persons, Lawrence M., Des Moines, Iowa, assignor to Cook Electric Company, Chicago, Ill. Heat motor. 1,902,260; Mar. 21.
- Persons, Lawrence M., assignor to Cook Electric Company, Chicago, Ill. Regulator. 1,928,762; Oct. 3.
- Persons, Lawrence M., Clayton, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Ventilator. 1,931,156; Oct. 17.
- Persons-Majestic Manufacturing Company. (See Calkins, Frederic A., assignor.)
- Persons-Majestic Manufacturing Company. (See Chesley, Walter R., assignor.)
- Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)
- Persons-Majestic Manufacturing Company. (See Persons, C. A., and Testa, assignors.)
- Persson, Lars G. (See Lindstrom, N. O., and Persson.)
- Persson, Otto F., Saugus, Mass., assignor to General Electric Company. Electrode holder. 1,936,408; Nov. 21.
- Pesavento Ferdinando, Pittsburgh, Pa. Necktie holder. 1,923,999; Aug. 22.
- Pescara, Raul P., Paris, France. Direct acting internal combustion air compressor. 1,897,674; Feb. 14.
- Pescara, Raul P., Barcelona, Spain. Single control with reflex action for helicopter type flying apparatus. 1,912,354; May 30.
- Pescara, Raul P., Paris, France. Fluid transmission system. 1,920,104; July 25.
- Peschl, Frank A., Jackson Heights, N. Y. Variable-speed power-transmitting mechanism. 1,936,117; Nov. 21.
- Pesci, Thomas, Raritan, assignor to The Cott-A-Lap Company, Somerville, N. J. Reciprocating mechanism. 1,920,591; Aug. 1.
- Peshout, Anton, San Francisco, Calif. Christmas tree stand. 1,894,473; Jan. 17.
- Pessl, Hubert. (See Fiedler, M., and Pessl.)
- Pestaloza, Ugo, assignor to Societa Italiana Pirelli, Milan, Italy. Concentrating aqueous dispersions of rubber and the like. 1,926,701; Sept. 12.
- Pestaloza, Ugo, assignor to Societa Italiana Pirelli, Milan, Italy. Concentrating aqueous dispersions of rubber and the like. 1,926,702; Sept. 12.
- Pet Milk Company. (See Louder, Earl A., assignor.)
- Peteler, Adolph, Freeport, N. Y. Shock absorber. 1,924,372; Aug. 29.
- Peteler, Adolph, Freeport, N. Y. Shock absorber and valve therefor. 1,924,373; Aug. 29.
- Peteler, Adolph, Freeport, N. Y. Shock absorber and thermostat therefor. 1,924,374; Aug. 29.
- Peteler, Adolph, Freeport, N. Y. Sun shield. 1,932,475; Oct. 31.
- Peter, Albin, assignor to the Firm of Chemical Works formerly Sandoz, Basel, Switzerland. Preparation of dyestuffs of the anthraquinone series. 1,912,301; May 30.
- Peter, Charles, Salt Lake City, Utah. Fertilizer. 1,931,296; Oct. 17.
- Peter, Edward C., Algonquin, and J. A. Castricone, Elgin; said Peter assignor to The American Ironing Machine Company, Algonquin, Ill. Ironing machine. 1,921,301; Aug. 8.
- Peter, Joseph. (See Green, Frank R., assignor.)
- Peter, Kurt, E. S. Schneiderman, and A. Berkner, Clifton, N. J. Automobile jack. 1,931,033; Oct. 17.
- Peter, Leslie H., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 1,896,370; Feb. 7.
- Peter, Paul. (See Kiefert, P., and Peter.)
- Peter, William J., assignor to Aqua Systems Incorporated, New York, N. Y. Liquid storage system. 1,907,001; May 2.
- Peter, William J., assignor to Aqua Systems Incorporated, New York, N. Y. Water trap for oil delivery systems. 1,909,071; May 16.
- Peter, William J., assignor to Aqua Systems Incorporated, New York, N. Y. Liquid dispenser. 1,913,128; June 6.
- Peterkin, Albert G., jr., Bryn Mawr, Pa., and L. B. Smith, Moorestown, N. J., assignors to The Atlantic Refining Company, Philadelphia, Pa. Wax treatment. 1,929,933; Oct. 10.
- Peterkin, Albert G., jr., Bryn Mawr, Pa., and L. B. Smith, Moorestown, N. J., assignors to The Atlantic Refining Company, Philadelphia, Pa. Wax treatment. 1,929,934; Oct. 10.
- Peterman, William C., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Stock ticker projecting mechanism. 1,933,336; Oct. 31.
- Peters, Anthony W., assignor of one-half to Theodore P. Whittemore, West Roxbury, Mass. Retaining device for storage containers. 1,937,480; Nov. 28.
- Peters, Arthur E., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Working implement for percussive tools. 1,905,497; Apr. 25.
- Peters, Arthur E., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor. 1,905,747; Apr. 25.
- Peters, Arthur M., assignor of one-half to J. K. Smith, North Baltimore, Ohio. Automatic starter switch. 1,893,242; Jan. 3.
- Peters, Daniel. (See von Keussler, O., and Peters.)
- Peters, Frank J., assignor of one-half to I. J. Boyce, Portland, Oreg. Toy coast defense gun. 1,900,924; Mar. 7.
- Peters, Frederick W., assignor to The Almetal Universal Joint Company, Cleveland, Ohio. Universal joint. 1,918,613; July 18.
- Peters, Frederick W., assignor to The Almetal Universal Joint Company, Cleveland, Ohio. Flexible connection. 1,926,858; Sept. 12.
- Peters, Fredus N., jr., Evanston, assignor to Quaker Oats Company, Chicago, Ill. Reduction of furfural acetone and furan derivatives. 1,803,850; Apr. 18.
- Peters, Fredus N., jr., Evanston, assignor to Quaker Oats Company, Chicago, Ill. Reduction of furfural and furan derivatives. 1,906,873; May 2.
- Peters, Garrett H., assignor to Hercules Powder Company, Wilmington, Del. Nitrated carbohydrate solution. 1,936,989; Nov. 28.
- Peters, Henry, Clifton, assignor to Universal Patents Holding Company, Weehawken, N. J. Knitting machinery. 1,908,442; May 9.
- Peters, Henry F., Washington, D. C. Theftproof fan mounting bracket. 1,930,181; Oct. 10.
- Peters, Henry L., Seattle, Wash. Mechanical brake equalizer. 1,930,535; Oct. 17.
- Peters, Henry W., Boston, Mass. Finger ring or the like. 1,904,074; Apr. 18.
- Peters, John A., Highland Park, Ill. Wheel holding device. 1,920,592; Aug. 1.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Interior collar can. 1,898,643; Feb. 21.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Machine for forming metal bands. 1,917,270; July 11.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Container loading apparatus. 1,926,060; Sept. 12.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Soldering machine. 1,939,723; Dec. 19.
- Peters, John J., New York, N. Y. Adjuster for supporting legs. 1,898,465; Feb. 21.
- Peters, Kurt. (See Weil, K., and Peters.)
- Peters, Kurt, Mulheim-on-the-Ruhr, and K. Weil, Bonn-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of mixtures of the rare gases. 1,906,917; May 2.
- Peters, Leo J., Pittsburgh, Pa., assignor to Gulf Production Company, Houston, Tex. Method of and apparatus for electrical prospecting. 1,938,534; Dec. 5.
- Peters, Leo J., Pittsburgh, Pa., assignor to Gulf Production Company, Houston, Tex. Method of and apparatus for electrical prospecting. 1,938,535; Dec. 5.
- Peters Machinery Co. (See Jurgens, E. G., and Becker, assignors.)
- Peters, Orville S., Chevy Chase, Md. Preparing carbon resistance stacks. 1,895,519; Jan. 31.

- Peters Patents Corporation. (See Pilblad, Sven A., assignor.)
- Peters, Peter N., Brooklyn, N. Y. System for detecting faults in sharp edged tools. 1,897,141; Feb. 14.
- Peters, Samuel E., assignor to Roan Mfg. Co., Racine, Wis. Temperature controlled furnace fan. 1,919,743; July 25.
- Peters, William C. H., Albert City, Iowa. Sanitary well top. 1,904,926; Apr. 18.
- Peters, William G., Kansas City, Mo. Medicine injector. 1,936,437; Nov. 21.
- Petersen, Antonette M. E. (See Petersen, Nels P., assignor.)
- Petersen, Arthur E., Westfield, N. J., assignor to Celluloid Corporation. Imitation pearl. 1,899,053; Feb. 28.
- Petersen, Axel C. G. (See Poulsen, A., and Petersen.)
- Petersen, Carl M., assignor to Circle F Mfg. Co., Trenton, N. J. Socket shell construction. 1,924,750; Aug. 29.
- Petersen, Carl M., assignor to Circle F Mfg. Co., Trenton, N. J. Fixture switch. 1,931,621; Oct. 24.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Thermostatically controlled shutter for internal combustion engines. 1,908,046; May 9.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Radiator shutter. 1,910,905; May 23.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Radiator shutter. 1,910,906; May 23.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Cooling-air flow control for vehicle engines. 1,924,654; Aug. 29.
- Petersen, Edgar G., assignor to Pines Winterfront Company, Chicago, Ill. Thermostatic switch. 1,938,929; Dec. 12.
- Petersen, Edwin S., Jamaica Plain, assignor to The Patent and Licensing Corporation, Boston, Mass. Cutting mechanism for composition constructional material. 1,892,680; Jan. 3.
- Petersen, Elliott I., Enfield, assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Label. Re18,782; Mar. 28.
- Petersen, Fritz F., San Francisco, Calif. Aeroplane rotor. 1,906,764; May 2.
- Petersen, Hans, Wauwatosa, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Drum controller. 1,920,431; Aug. 1.
- Petersen, Hans, Wauwatosa, assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Contact finger. 1,938,438; Dec. 5.
- Petersen, Henry C. (See White, W., Petersen, and Lan-smith.)
- Petersen, Karl W., assignor of one-half to Iowa Fibre Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Box. 1,940,183; Dec. 19.
- Petersen, Martin J., Canyon, Minn. Weed or quack grass plow. 1,919,705; July 25.
- Petersen, Nels P., assignor to Antonette M. E. Petersen, Los Angeles, Calif. Coin segregator. 1,935,662; Nov. 21.
- Petersen, Oris B., and M. D. Richardson, Astoria, Oreg. Wrench. 1,929,258; Oct. 3.
- Petersen, Paul C., Hood River, Oreg. Treating fruit juices. 1,940,013; Dec. 19.
- Petersen, Paul W. (See Marx, Carl, assignor.)
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Die stock. 1,897,562; Feb. 14.
- Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Die stock. 1,929,647; Oct. 10.
- Petersen, Walter, Santa Maria, Calif. Self-sealing paste tube. 1,897,276; Feb. 14.
- Petersen, William F., Chicago, Ill. Pressure fermentation of dough for bread and similar bakery products. 1,923,880; Aug. 22.
- Petersen, William F., and F. A. Hoppe, assignors to Schmidt Securities Company, Chicago, Ill. Dough divider. 1,926,061; Sept. 12.
- Petersime, Ray M., Gettysburg, Ohio. Brooder. 1,918,125; July 11.
- Peterson, Adolphe C., Minneapolis, Minn. Manually selective power actuated band gear change means. 1,913,949; June 13.
- Peterson, Alfred J. A., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective system for generator field circuits. 1,905,240; Apr. 25.
- Peterson, Arnt J., Minneapolis, Minn. Metallic packing. 1,912,793; June 6.
- Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Centrifugal pump. 1,910,811; May 23.
- Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Centrifugal pumping system. 1,936,066; Nov. 21.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Main and auxiliary gear shifting mechanism. 1,898,140; Feb. 21.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Gear shifting mechanism. 1,909,889; May 16.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Gear shifting mechanism for auxiliary gear sets of change speed transmission gearing. 1,916,892; July 4.
- Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Two-way clutch device. 1,916,893; July 4.
- Peterson, Carl E., Upper Montclair, assignor to Eastern Tool & Manufacturing Co., Bloomfield, N. J. Slide. 1,898,741; Feb. 21.
- Peterson, Carl H., A. Sundt, and R. E. Tibbetts, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Guard cable. 1,933,447; Oct. 31.
- Peterson, Charles. (See Simmonds, J. E., and Peterson.)
- Peterson, Charles F., Scotia, N. Y., assignor to General Electric Company. Composite molded article. 1,907,303; May 2.
- Peterson, Charles J. (See Woock, H. J., Peterson, and Caulfield.)
- Peterson, Christen J., Chicago, Ill. Oil burner. 1,901,983; Mar. 21.
- Peterson, Conrad E., Malden, Mass. Stick of chewing gum. Des. 90,592; Aug. 29.
- Peterson, Conrad E., Malden, Mass. Combined paring knife and spot gouge. 1,928,028; Sept. 26.
- Peterson, Edward G., Seattle, Wash. Fender tool. 1,897,142; Feb. 14.
- Peterson, Edward H. (See McNaught, N. F., and Peterson.)
- Peterson, Edward S., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,914,383; June 20.
- Peterson, Edward S., Elmwood Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,920,213; Aug. 1.
- Peterson, Edward T., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Hotbed. Re18,996; Nov. 14.
- Peterson, Edward T., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Bundle loading device. 1,934,325; Nov. 7.
- Peterson, Edwin A., Maywood, Ill. Toy vehicle. Des. 89,245; Feb. 7.
- Peterson, Edwin L. (See Sporn, P., and Peterson.)
- Peterson, Elton D. (See Kohlstedt, Edwin, assignor.)
- Peterson, Elwin W. (See Dupuis, D. R., and Peterson.)
- Peterson, Erick B., assignor to The Hadley Company, Inc., Providence, R. I. Chain for bracelets or similar articles. Des. 89,914; May 16.
- Peterson, Ernest E., Ballston Spa, N. Y. Keyboard for accordions. 1,935,483; Nov. 14.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Controlling electric wave amplifier. 1,893,302; Jan. 3.
- Peterson, Eugene, assignor to Western Electric Company, Incorporated, New York, N. Y. Bilateral modulator circuit. 1,901,408; Mar. 14.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage limiting system. 1,901,929; Mar. 21.
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission systems. 1,927,070; Sept. 19.
- Peterson, Eugene, assignor to Western Electric Company, Incorporated, New York, N. Y. Frequency translating circuit. 1,932,476; Oct. 31.
- Peterson, Ferdinand, Bronx, N. Y. Wafer or similar article. Des. 90,954; Oct. 31.
- Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Watertown, Conn. Button attaching machine. 1,901,375; Mar. 14.
- Peterson, Frederick J., College Point, N. Y., assignor to Shoup-Owens, Inc., Hoboken, N. J. Paper box. 1,936,951; Nov. 28.
- Peterson, Fredolf J., Detroit, Mich. Furnace. 1,915,949; June 27.
- Peterson, Fredolf J., Detroit, Mich. Furnace. 1,934,614; Nov. 7.
- Peterson, Gust W., Long Beach, Calif. Permanent wave apparatus. 1,895,815; Jan. 31.
- Peterson, Gust W., Long Beach, Calif. Hair drying apparatus. 1,899,352; Feb. 28.
- Peterson, Gustav E., Astoria, Oreg. Sand box. 1,924,511; Aug. 29.
- Peterson, Guy S., East Cleveland, assignor to The Strong, Carlisle & Hammond Company, Cleveland, Ohio. Conveyor furnace. 1,906,092; Apr. 25.
- Peterson, Hans, Readstown, Wis. Animal trap. 1,923,039; Aug. 15.
- Peterson, Harold O. (See Beverage, H. H., and Peterson.)
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 1,901,117; Mar. 14.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna insulation. 1,908,536; May 9.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Symmetrical loop receiver. 1,920,665; Aug. 1.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna. 1,935,373; Nov. 14.
- Peterson, Hartin F., Chicago, and M. P. Winther, Waukegan, Ill., assignor, by mesne assignments, to Pullman Car & Manufacturing Corporation. Car construction. 1,915,380; June 27.
- Peterson, Horton J., Virginia, Minn. Cable terminal shield. Re19,002; Nov. 14.

- Peterson, Johann G., West Hartford, Conn. Electric switch. 1,894,002; Jan. 10.
- Peterson, Johann G., West Hartford, Conn. Electric switch. 1,894,225; Jan. 10.
- Peterson, Johann G., West Hartford, Conn. Electrical connector. 1,918,126; July 11.
- Peterson, Johann G., West Hartford, Conn. Electric attachment plug. 1,921,096; Aug. 8.
- Peterson, John E., Irvington, assignor to Van Vlaanderen Machine Company, Paterson, N. J. Tenting clip. 1,907,090; May 2.
- Peterson, John E., Irvington, assignor to Van Vlaanderen Machine Company, Paterson, N. J. Tenting machine. 1,936,912; Nov. 28.
- Peterson, John E., and E. A. Van Beke, North Bergen, assignors to Eisler Electric Corporation, Newark, N. J. Method and machine for making wire-drawing dies, etc. 1,922,497; Aug. 15.
- Peterson, John E., and E. A. Van Beke, North Bergen, assignors to Eisler Electric Corporation, Newark, N. J. Method and machine for making wire-drawing dies. 1,922,498; Aug. 15.
- Peterson, John T., Chicago, Ill. Spray gun. 1,940,268; Dec. 19.
- Peterson, John W., Cairo, Ill. Cotter key. 1,903,129; Mar. 28.
- Peterson, John W., Los Angeles, Calif. Chart reading apparatus. 1,911,645; May 30.
- Peterson, John W., assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,898,310; Feb. 21.
- Peterson, John W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,914,978; June 20.
- Peterson, Joseph, Detroit, Mich. Quick-opening snatch-block. 1,908,784; May 16.
- Peterson, Juel L. (See Smith, E. R., and Peterson.)
- Peterson, Juel L., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Stock feeding mechanism for machine tools. 1,933,183; Oct. 31.
- Peterson, Julius. (See Strandlund, C. G., and Peterson.)
- Peterson, Julius, Tacoma, Wash. Veneer patch cutter. 1,928,029; Sept. 26.
- Peterson, Julius C., Chicago, Ill. Internal combustion engine. 1,926,598; Sept. 12.
- Peterson, Julius C., Chicago, Ill. Variable stroke engine. 1,931,705; Oct. 24.
- Peterson, Lloyd C., Mount Pleasant, Iowa. Feed grinder. 1,930,623; Oct. 17.
- Peterson, Oscar D., Brooklyn, N. Y. Automatic safety razor. 1,921,774; Aug. 8.
- Peterson, Oscar R., Brooklyn, N. Y. Safety razor. 1,900,662; Mar. 7.
- Peterson, Paul D., Ligonier, Pa., assignor to The Koppers Company of Delaware. Dispensing container. 1,912,384; June 6.
- Peterson, Paul D., Ligonier, Pa., assignor to The Koppers Company of Delaware. Dispensing container. 1,912,385; June 6.
- Peterson, Paul D., Ligonier, Pa., assignor to The Koppers Company of Delaware. Dispensing container. 1,936,879; Nov. 28.
- Peterson, Peter, Detroit, Mich. Punch. 1,904,951; Apr. 18.
- Peterson, Pontus. (See Beutel, R. J., and Peterson.)
- Peterson, Raymond S., and A. L. Lee, Chicago, Ill. Car dumping apparatus. 1,893,633; Jan. 10.
- Peterson, Robert E., assignor to Electric Steam Sterilizing Company, Inc., New York, N. Y. Steam generator. 1,926,958; Sept. 12.
- Peterson, Thomas F., Brooklyn, N. Y. High tension cable. 1,912,794; June 6.
- Peterson, Victor C. (See Nicowander, R., and Peterson.)
- Peterson, Victor E., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Wedding ring. Des. 83,984; Jan. 10.
- Peterson, Walter C., Chicago, Ill. Harmonica holder. 1,912,654; June 6.
- Peterson, Walter E., Inglewood, Calif. Tank car valve locking device. 1,894,830; Jan. 17.
- Peterson, Wilber P., assignor to one-half to Snyder and Gray Incorporated, Kansas City, Mo. Method of and apparatus for forming patches. 1,941,019; Dec. 26.
- Peterson Alloys Limited. (See Peterson, Harry, assignor.)
- Peterson, Harry, assignor, by mesne assignments, to Peterson Alloys Limited, Montreal, Quebec, Canada. Making tungsten alloys. 1,896,643; Feb. 7.
- Peth, John P., Chicago, Ill. Theftproof lamp. 1,914,702; June 20.
- Petherbridge, Charles E., and C. F. Buckland, Long Island City, N. Y. Stamp containing advertising device. 1,927,415; Sept. 19.
- Petit-Colas, Henri F., Gournay-en-Caux par Harfleur, and L. J. Besnier, Le Havre, France. Apparatus for launching a lifeboat. 1,931,432; Oct. 17.
- Petit, Jean F. G., Paris, assignor to Etablissements Labinal, St-Ouen, France. Electric regulating apparatus. 1,932,164; Oct. 24.
- Petit, Leon T., Pittsburg, Calif. Checker chamber for regenerative furnaces and the like. 1,920,885; Aug. 1.
- Petit, Milford L., Worcester, Mass., assignor to one-half to L. Brand, New York, N. Y. Machine for producing blood sausage or the like. 1,928,571; Sept. 26.
- Petit, Victor M., Rojas, Argentina. Grain cleaning machine. 1,899,209; Feb. 28.
- Petit, William H. (See Apple, V. G., and Petit.)
- Petit, William H., and E. S. Hinehine, Rochester, N. Y. Camera casing. Des. 90,377; July 25.
- Petit, William H., and E. S. Hinehine, Rochester, N. Y. Camera casing. Des. 90,378; July 25.
- Petit, William H., and E. S. Hinehine, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Camera back. 1,900,730; Mar. 7.
- Petree & Dorr Engineers, Inc. (See Gouner, Leonidas E., assignor.)
- Petree, Frank L., Lewisville, N. C. Electrical windshield heater. 1,933,220; Oct. 31.
- Petrelli, Harry E., assignor to Mercury Motor Corporation, Boston, Mass. Internal combustion engine. 1,923,744; Aug. 22.
- Petrenko, Serge N. (See Whittemore, H. L., and Petrenko.)
- Petrich, Anton J., Milwaukee, Wis. Scissors sharpener. 1,904,075; Apr. 18.
- Petrick Brothers, Inc. (See England, Arthur E., assignor.)
- Petrick, Kurt M., New York, N. Y. Double memorandum book. 1,913,818; June 13.
- Petrolagar Laboratories, Incorporated. (See Hulbert, Edwin F., assignor.)
- Petroleum Chemical Corporation. (See Brooks, Benjamin T., assignor.)
- Petroleum Conversion Corporation. (See Beardsley, E. W., and Evans, assignors.)
- Petroleum Derrick Co. Ltd. (See Lewis, Arthur W., assignor.)
- Petroleum Equipment Company. (See Harbison, Dixon T., assignor.)
- Petroleum Heat and Power Company. (See MacCrae, J. N., and Packard, assignors.)
- Petroleum Heat and Power Company. (See Whaley, Ralph S., assignor.)
- Petroleum Hydrogenation Co. (See Trumble, M. J., and Seeley, assignors.)
- Petroleum Iron Works Co. of Ohio, The. (See Esslinger, Frederick J., assignor.)
- Petroleum Iron Works Co. of Ohio, The. (See Shanor, Edgar E., assignor.)
- Petroleum Iron Works Company of Ohio, The. (See Shanor, E. E., and Mardersteck, assignors.)
- Petroleum Rectifying Company of California. (See Fisher, Harmon F., assignor.)
- Petroleum Rectifying Company of California. (See Garrison, Murray E., assignor.)
- Petroleum Rectifying Company of California. (See Girvin, Charles W., assignor.)
- Petroleum Rectifying Company of California. (See Mahone, Francis D., assignor.)
- Petroleum Rectifying Company of California. (See Stenzel, Richard W., assignor.)
- Petroleum Rectifying Company of California. (See Van Loenen, William F., assignor.)
- Petroni, Juan L., and C. M. Danieleto, Buenos Aires, Argentina. Hydraulic or fluid clutch. 1,940,918; Dec. 26.
- Petronio, Eliseo, Cleveland, Ohio. Safety pocket. 1,940,695; Dec. 26.
- Petrosky, George E. (See Wallace, C. C., and Petrosky.)
- Petrovich, Louis, Paris, France. Suction stack for chimneys. 1,920,884; Aug. 1.
- Petrus, John B., assignor to one-fourth to J. S. Stone, Kansas City, Mo. Time switch. 1,893,904; Jan. 10.
- Petry, Jacob, Pittsburgh, Pa. Cage. 1,927,416; Sept. 19.
- Petry, Nicholas G. (See Wendelken, Frederick S., assignor.)
- Petsch, Everett C., Pleasant Dale, Nebr. Stubble breaker. 1,915,615; June 27.
- Petsch, Herman, assignor to the Firm: Carl Still, Recklinghausen, Germany. Gas-fired furnace. 1,901,770; Mar. 14.
- Petsch, Hermann, assignor to the firm Carl Still, Recklinghausen, Germany. Apparatus for charging a horizontal coke oven with a rammed coal charge. 1,940,562; Dec. 19.
- Petsche, Gustav B. (See Drissner, A. E., and Petsche.)
- Petschenig, Karl. (See Schier, J., Petschenig, and Peinl.)
- Petschow, Kurt J., Passaic, assignor to Royce Chemical Company, Carlton Hill, N. J. Production of zinc sulphate. 1,921,773; Aug. 8.
- Petskeyes, Charles H. (See Egan, R. W., and Petskeyes.)
- Petter, Guy B., Yeovil, assignor to Petters Limited, Yeovil, England. Calculating or adding machine. 1,917,752; July 11.
- Petters Limited. (See Petter, Guy B., assignor.)
- Pettersen, Wilber E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for removing foreign matter from a traveling sheet of material. 1,926,306; Sept. 12.
- Pettersen, Viktor, assignor, by mesne assignments, to Fixler Bros., Incorporated, Chicago, Ill. Needle for making hooked rugs. 1,935,915; Nov. 21.
- Pettersson, Werner, Berlin, Germany. Improved tobacco product. 1,941,416; Dec. 26.
- Pettibone, Charles J., assignor to Edward Hines Western Pine Co., Hines, Ore. Sawing rig. 1,909,314; May 16.
- Pettibone Mulliken Company. (See Black, Edward S., assignor.)
- Pettibone Mulliken Company. (See Crawford, George S., assignor.)
- Pettibone Mulliken Company. (See Llewellyn, Samuel G., assignor.)

- Pettie, William F., London, England. Photographic camera. 1,909,222; May 16.
- Pettingill, Clark, Seal Beach, Calif. Determining and recording oxygen content of liquid or gases. 1,919,858; July 25.
- Pettis, Fred A., assignor to Remington Rand Inc., Buffalo, N. Y. Telephone index stand. 1,930,843; Oct. 17.
- Pettit, Charles L., New York, N. Y. Casement window and the like. 1,907,091; May 2.
- Pettitt, Frank C., assignor to The Guiberson Corporation, Dallas, Tex. Oil saver. 1,898,311; Feb. 21.
- Pettman, Albert V., and W. Reed-Lethbridge, Auckland, New Zealand. Insulator device. 1,934,557; Nov. 7.
- Petty, Earl, Kansas City, Mo., assignor, by mesne assignments, to Cross Development Corporation, Wilmington, Del. Removing impurities from oil. 1,908,616; May 9.
- Petty, Earl, assignor to Alco Products, Incorporated, New York, N. Y. Dewaxing hydrocarbon oils. 1,940,014; Dec. 19.
- Petty, Earl, Hempstead, assignor to Alco Products, Incorporated, New York, N. Y. Crystallization of wax. 1,940,015; Dec. 19.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Glass jar. Des. 90,045; May 30.
- Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Glass jar. Des. 90,379; July 25.
- Petty, George M. (See Waldrop, E. H., and Petty.)
- Petzke, Franklin J., Minneapolis, Minn. Food warmer. Des. 89,575; Apr. 4.
- Petznick, Frank F., et al. (See Wert, Charles M., assignor.)
- Petzold, Fritz A. (See Staude, J., and Petzold.)
- Pfeurrung, Joseph C., Wyoming, Ohio. Match package. 1,935,276; Nov. 14.
- Pevely Dairy Company. (See Copp, Ralph, assignor.)
- Pevely Dairy Company. (See Wasser, Joseph J., assignor.)
- Pew, Arthur E., jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Preparing crude oil for distillation into lubricating oils. 1,903,407; Apr. 4.
- Pew, Arthur E., jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Cracking mineral oil. 1,910,812; May 23.
- Pew, Arthur E., jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Oil distillation apparatus. 1,924,879; Aug. 29.
- Pew, Arthur E., jr., Bryn Mawr, assignor to Sun Oil Company, Philadelphia, Pa. Lubricating oil. 1,937,782; Dec. 5.
- Pew, Arthur E., jr., Bryn Mawr, and H. Thomas, Ridley Park, assignors to Sun Oil Company, Philadelphia, Pa. Mineral oil distillation. 1,935,953; Nov. 21.
- Pew, Arthur E., jr., Bryn Mawr, and C. H. Thayer, Media, assignors to Sun Oil Company, Philadelphia, Pa. Tube cleaning noise silencer. 1,941,222; Dec. 26.
- Pew, Thomas C., assignor to Hoover Steel Ball Company, Ann Arbor, Mich. Washing machine for bearings. 1,894,786; Jan. 17.
- Peyinghaus, Walter. (See Lehmann, Walter, assignor.)
- Peyser, Joseph, et al. (See Noll, Clement J., assignor.)
- Peyser, Joseph, Mount Vernon, N. Y. Seaming machine. 1,940,098; Dec. 19.
- Peyser, Joseph, Mount Vernon, N. Y., assignor of one-half to The Heekin Can Company, Cincinnati, Ohio. Body separating and spacing device. 1,941,153; Dec. 26.
- Pezzella, Rocco, Washington, D. C. Hair curling device. 1,903,066; Mar. 28.
- Pezzella, Rocco, Washington, D. C. Hair curling device. 1,935,277; Nov. 14.
- Pfaff, Harry E. (See Barnhart, G. E., and Pfaff.)
- Pfaffenberger, Joachim. (See Dahl, O., and Pfaffenberger.)
- Pfaffenberger, Joachim, Berlin-Mariendorf, Germany, assignor to General Electric Company. Current-responsive indicating and recording instrument. 1,941,319; Dec. 26.
- Pfahl, Charles A., Akron, Ohio. Drying apparatus. 1,907,215; May 2.
- Pfannenmüller, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for controlling electrical circuits by means of electrical valves. 1,929,216; Oct. 3.
- Pfannenmüller, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Mechanical rectifier. 1,931,267; Oct. 17.
- Pfannenstiehl, Harry, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture projector. 1,910,179; May 23.
- Pfannenstiehl, Harry, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound picture reproducing equipment. 1,939,079; Dec. 12.
- Pfannenstiel, Hugo, Dessau in Anhalt, and W. Johannes, Wolfen near Bitterfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of artificial sponges from cellulose. 1,909,629; May 16.
- Pfannenstiel, Hugo, and H. Meyer, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial products of viscose. 1,933,999; Nov. 7.
- Pfannkuch, Wilhelm, Copenick-Wendenschloss, Germany, assignor to General Electric Company. Joint for high tension electric cables. 1,895,396; Jan. 24.
- Pfarr, D. A., et al. (See Hansen, Regner, assignor.)
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 1,896,644; Feb. 7.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine control system. 1,901,771; Mar. 14.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fluid pressure servo-motor for tilting propeller blades. 1,901,772; Mar. 14.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Propeller blade adjusting system. 1,901,773; Mar. 14.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic impulse turbine. 1,914,926; June 20.
- Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic installation. 1,922,323; Aug. 15.
- Pfau, Friedrich, assignor to the Firm Carl Zeiss, Jena, Germany. Indicating device for measuring instruments. 1,918,556; July 18.
- Pfau, Walter, Cologne-Mühlheim, Germany, assignor to E. Bagli, Zurich, and E. Burger, Giskon near Root, Switzerland. Producing beryllium-aluminum alloy. 1,919,379; July 25.
- Pfaudler Company, The. (See Goecke, Rudolph F., assignor.)
- Pfaudler Co., The. (See Jacobsen, Jens N., assignor.)
- Pfaudler Co., The. (See Phetepace, W. D., and Jacobsen, assignors.)
- Pfaundler, Conrad. (See Mittasch, A., Wietzel, and Pfaundler.)
- Pfaundler, Conrad. (See Wietzel, R., and Pfaundler.)
- Pfauter, Edward M., assignor to Blackhawk Manufacturing Company, Milwaukee, Wis. Couplings for socket wrenches. 1,896,645; Feb. 7.
- Pfauter, Edward M., assignor to Blackhawk Manufacturing Company, Milwaukee, Wis. Control for hydraulic rams. 1,925,704; Sept. 5.
- Pfauter, Edward M., assignor to Blackhawk Manufacturing Company, Milwaukee, Wis. Socket wrench. 1,927,844; Sept. 26.
- Pfauter, Edward M., assignor to Blackhawk Manufacturing Company, Milwaukee, Wis. Reversible friction clutch. 1,936,640; Nov. 28.
- Pfeffer, Ernst, Frankfurt-on-the-Main-Schwanheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing reserves under dyestuffs obtainable by oxidation on the fiber. 1,898,570; Feb. 21.
- Pfeffer, Ernst, Frankfurt-on-the-Main-Schwanheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Producing vat dyestuff print and closely adjacent thereto aniline black prints on the same fabric. 1,922,978; Aug. 15.
- Pfeffer, Solomon, assignor of one-half to R. Despatis, Montreal, Quebec, Canada. Safety device for vehicles. 1,893,634; Jan. 10.
- Pfeffer, William E., Philadelphia, Pa. Fire kindler. 1,912,302; May 30.
- Pfefferle, George H., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Split sleeve repair device. 1,911,126; May 23.
- Pfefferle, George H., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Split sleeve for repairing pipe joints. 1,940,729; Dec. 26.
- Pfeifer, Ferdinand A., Springfield, Ohio, deceased, Louise Pfeifer, executrix, assignor to herself, individually. Thermostat. 1,906,487; May 2.
- Pfeifer, Louise, executrix. (See Pfeifer, Ferdinand A., assignor.)
- Pfeifer, Walter S., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Starting mechanism for electrical apparatus. 1,906,409; May 2.
- Pfeiffer, Albert J., Port Washington, N. Y., and T. P. Gates, Providence, R. I. Liquid treatment of textile materials and the like. 1,934,208; Nov. 7.
- Pfeiffer, Alfred, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone substation circuit. 1,907,660; May 9.
- Pfeiffer, Benjamin S. (See Magee, C. L. C., Pfeiffer, Benjamin and R. S.)
- Pfeiffer, César, Asnières, France, assignor to Fuller Company. Compressor and vacuum pump. 1,895,816; Jan. 31.
- Pfeiffer, Conrad L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing insulation. 1,919,802; July 25.
- Pfeiffer, Frank E. (See Stern, M. C., and Pfeiffer.)
- Pfeiffer, Frank E., assignor to The Egly Register Company, Dayton, Ohio. Autographic register. 1,901,258; Mar. 14.
- Pfeiffer, Frank E. and W. C., assignors to The Egly Register Company, Dayton, Ohio. Mechanism and method of feeding a plurality of paper sheets. 1,897,654; Feb. 14.
- Pfeiffer, Frank E. and W. C., assignors to The Egly Register Company, Dayton, Ohio. Web roll supporting device. 1,897,675; Feb. 14.
- Pfeiffer, Fred B. (See Alexander, H. S., Pfeiffer, and White.)
- Pfeiffer, Fred B., assignor to National Rubber Machinery Company, Akron, Ohio. Method and apparatus for separating adhesively joined sheets. 1,902,139; Mar. 21.

- Pfeiffer, Fred B., Akron, Ohio, assignor to Cupples Company, Manufacturers, St. Louis, Mo. Nut running apparatus. 1,918,557; July 18.
- Pfeiffer, Karl, assignor to Chrysler Corporation, Detroit, Mich. Valve spring. 1,905,498; Apr. 25.
- Pfeiffer, Karl, Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Frictional lining extruding apparatus and method. 1,918,127; July 11.
- Pfeiffer, Karl, Detroit, and C. H. Drude, Ferndale, assignors to Chrysler Corporation, Detroit, Mich. Clutch control apparatus. 1,909,423; May 16.
- Pfeiffer, Paul, New York, N. Y. Machine for repairing runs in fabric. 1,939,918; Dec. 19.
- Pfeiffer, Paul, Chicago, Ill. Machine for repairing runs in hosiery and knitted fabric. 1,939,919; Dec. 19.
- Pfeiffer, Richard O., Newark, N. J. Wall fixture. 1,902,890; Mar. 28.
- Pfeiffer, Richard O., South Orange, N. J. Lighting fixture. 1,918,823; July 18.
- Pfeiffer, Rudolf S. (See Magee, C. L. C., Pfeiffer, Benjamin and R. S.)
- Pfeiffer, William, Philadelphia, Pa., and R. D. Dondero, assignors to Union Special Machine Company, Chicago, Ill. Uncurler guide for sewing machines. 1,934,275; Nov. 7.
- Pfeiffer, William C. (See Pfeiffer, Frank E. and W. C.)
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Autographic register. 1,909,006; May 16.
- Pfeil, Roy C. (See Bloss, R. R., and Pfeil.)
- Pfeil, Roy C., Grove City, assignor to International-Stacey Corporation, Columbus, Ohio. Derrick structure for oil, gas, or artesian wells. 1,914,159; June 13.
- Pfeil, Walter H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Chilled iron roll. 1,898,390; Feb. 21.
- Pfening, Fred D., Company, The. (See Pfening, Frederic D., assignor.)
- Pfening, Fred D., Company, The. (See Pfening, Frederic D. and H., Jr. assignors.)
- Pfening, Frederic D., assignor to The Fred D. Pfening Company, Columbus, Ohio. Automatic humidity regulating mechanism for heating systems. 1,925,601; Sept. 5.
- Pfening, Frederic D. and H. Pfening, Jr., assignors to The Fred D. Pfening Company, Columbus, Ohio. Float controlled valve mechanism. 1,918,128; July 11.
- Pfening, Henry, Jr. (See Pfening, Frederic D. and H., Jr.)
- Pfersch, George. (See Schaeffer, J. A., and Pfersch.)
- Pfister, Rudolf, Brooklyn, N. Y. Jar closure. 1,939,569; Dec. 12.
- Pfistershammer, Josef, Munich, Germany. Reinforced concrete pole. 1,932,671; Oct. 31.
- Pfizer, Charles, & Company. (See Currie, J. N., and Carter, assignors.)
- Pfizer, Charles, & Company. (See Currie, J. N., and Finlay, assignors.)
- Pfizer, Charles, & Company. (See Currie, J. N., Kane, and Finlay, assignors.)
- Pfizer, Charles, & Company. (See Pasternack, R., and Ammerman, assignors.)
- Pfizer, Charles, & Company. (See Pasternack, R., and Giles, assignors.)
- Pfizer, Charles, & Company. (See Pasternack, R., Mead, and Davenport, assignors.)
- Pfager, Harry M. (See Lentz, W. L., and Pfager.)
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Molding apparatus. 1,932,023; Oct. 24.
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 1,937,587; Dec. 5.
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive construction. 1,938,352; Dec. 5.
- Pfager, Harry M., St. Louis, Mo., and W. M. Sheehan, Merion, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Locomotive boiler head structure. 1,928,631; Oct. 3.
- Pfanz, Charles F., Webster Groves, Mo. Adjustable feed table for envelope-making and like machines. 1,897,641; Feb. 14.
- Pfezer, George T., assignor to U. S. Electrical Manufacturing Company, Los Angeles, Calif. Submersible power unit. 1,920,318; Aug. 1.
- Pfueger, Albert, Miami, Fla. Mounting fish and various specimens hollow. 1,895,729; Jan. 31.
- Pfueger, Albert, Miami, Fla. Mounting the skins of fish. 1,918,929; July 18.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Click spring for fishing reels. 1,899,914; Feb. 28.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Floating bug or lure. 1,905,567; Apr. 25.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial fish bait. 1,908,537; May 9.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing tackle. 1,916,582; July 4.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Display package and container for bait. 1,932,353; Oct. 24.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fish lure. 1,940,604; Dec. 19.
- Pfuger, Ernst, Zurich, Switzerland. Coupling. 1,917,775; July 11.
- Pfuke, Frederick J., and L. B. Bowman, Rochester, N. Y., assignor to The Koppers Company of Delaware. Coke oven apparatus. 1,920,913; Aug. 1.
- Pfouts, Joan S., administratrix. (See Pfouts, Leroy S.)
- Pfouts, Leroy S., deceased, by J. S. Pfouts, administratrix, Canton, Ohio. Apparatus for treating materials. 1,925,152; Sept. 5.
- Pfrommer, Gustav, Oberturkheim, and A. Strothbeck, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo-electric machine. 1,935,230; Nov. 14.
- Pfundt, George M. (See Errig, W. F., and Pfundt.)
- Phair, Robert A., Allendale, N. J., assignor to H. Kohnstamm & Co., Inc., New York, N. Y. Bluing composition and process. 1,921,635; Aug. 8.
- Phair, Robert A., Allendale, N. J., assignor to H. Kohnstamm & Co., Inc., New York, N. Y. Laundering method. 1,935,663; Nov. 21.
- Phalen, Maurice J., Marathon, N. Y. Plant spraying machine. 1,906,013; Apr. 25.
- Pharo, Gordon C., assignor to "Acmeline" Manufacturing Company, Traverse City, Mich. Sprayer. 1,923,059; Aug. 15.
- Pharo, Timothy F., sr., Tuckerton, N. J. Display rack for canned goods. 1,916,683; July 4.
- Pheazey, John R., Uozaki, Muko-Gun, Hyogo-Ken, Japan, assignor to International Standard Electric Corporation, New York, N. Y. Submarine cable. 1,927,845; Sept. 26.
- Phibus, William C., Berwyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,899,105; Feb. 28.
- Phibus, William C., Park Ridge, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone station circuit. 1,934,736; Nov. 14.
- Phelan, John A., assignor to Armstrong Cork Company, Lancaster, Pa. Manufacture of inlaid linoleum. 1,915,471; June 27.
- Phelan, John A., assignor to Armstrong Cork Company, Lancaster, Pa. Making inlaid linoleum or the like. 1,939,724; Dec. 19.
- Phelan, Louis A. M., Elkhart, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical switch. 1,931,238; Oct. 17.
- Phelan, Louis A. M., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric switch. 1,929,606; Oct. 10.
- Phelan, Louis A. M., Chicago, Ill., and C. Hotchkiss, Minneapolis, Minn., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control apparatus. Re18,771; Mar. 21.
- Phelan, Merton D., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on sheet material. 1,912,495; June 6.
- Phelps, Albert W., Los Angeles, Calif. Sizing apparatus for fruit, melons, vegetables and the like. 1,906,331; May 2.
- Phelps, Alva W. (See Nichols, C. A., and Phelps.)
- Phelps, Alva W., and E. A. Kaegi, assignors to Delco-Remy Corporation, Anderson, Ind. Electric welding. 1,899,353; Feb. 28.
- Phelps, Alva W., and J. W. Campbell, assignors to Delco-Remy Corporation, Anderson, Ind. Winding machine. 1,931,009; Oct. 17.
- Phelps, Arthur F., assignor to West Virginia Armature Co., Bluefield, W. Va. Packing ring for shaft bearings. 1,902,662; Mar. 21.
- Phelps, Arthur F., assignor to West Virginia Armature Co., Bluefield, W. Va. Locomotive journal box. 1,902,720; Mar. 21.
- Phelps, Barton P., Topeka, Kans., assignor to Railway Engineering Equipment Company, Chicago, Ill. Boiler charging apparatus for fireless locomotive terminals. 1,927,613; Sept. 19.
- Phelps, Benjamin B., assignor of one-third to W. J. Kelly and one-third to H. Haskell, Minneapolis, Minn. Lawn mower sharpening tool. 1,901,328; Mar. 14.
- Phelps, Boyd, Jamaica, N. Y. Vacuum tube operated on alternating current. 1,932,085; Oct. 24.
- Phelps Can Company. (See Phelps, Walter J., assignor.)
- Phelps, Clyde H., Mount Vernon, N. Y., assignor to Riess Manufacturing Company, Kokomo, Ind. Caster-maintaining shim. 1,894,495; Jan. 17.
- Phelps, Clyde H., Mount Vernon, N. Y., assignor to Riess Manufacturing Company, Kokomo, Ind. Wheel-balancing means. 1,912,496; June 6.
- Phelps Dodge Corporation. (See Ayer, F., Crowfoot, Hørløv, and Sorensen, assignors.)
- Phelps Dodge Corporation. (See Brussolo, Vito A., assignor.)
- Phelps Dodge Corporation. (See Woodward, Herbert S., assignor.)
- Phelps, Edward G. (See Phelps, Hugh G., assignor.)
- Phelps, Fred S., Sausalito, Calif., assignor to The American Steel and Wire Company of New Jersey. Fishing line. 1,899,477; Feb. 28.

- Phelps, George A., Flemington, W. Va. Casket. 1,917,152; July 4.
- Phelps, George H. (See Murray, T. E., Jr., and Phelps.)
- Phelps, George H., Warehouse Point, Conn., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Electric welding. 1,934,374; Nov. 7.
- Phelps, George H., Warehouse Point, Conn., and V. E. Walters, Brooklyn, N. Y., assignors, by mesne assignments, to Metropolitan Engineering Company. Electric convection heater. 1,929,178; Oct. 3.
- Phelps, Hubert, assignor to Little Rock Basket Company, Little Rock, Ark. Apparatus for making baskets. 1,912,303; May 30.
- Phelps, Hugh G., assignor of one-half to E. G. Phelps, Milwaukee, Wis. Remote control apparatus. 1,896,418; Feb. 7.
- Phelps, John S., Whittier, Calif. Roller type stamping machine. 1,896,556; Feb. 7.
- Phelps, Roger W. (See Dillon, L., and Phelps.)
- Phelps, Walter A., Madison, and A. M. Koerner, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier telegraph interference suppressor. 1,919,035; July 18.
- Phelps, Walter J., assignor to Phelps Can Company, Baltimore, Md. Method and machine for side seaming can bodies. 1,918,661; July 18.
- Phelps, Walter J., assignor to Phelps Can Company, Baltimore, Md. Machine for side seaming can bodies. 1,918,662; July 18.
- Phenix, Maurice C., Los Angeles, Calif. Rolled edge construction. 1,894,831; Jan. 17.
- Phenix, Maurice C., Los Angeles, Calif. Wire pliers for rolled edge upholstery. 1,911,036; May 23.
- Phetepiece, Walter D., and J. N. Jacobsen, assignors to The Pfaunder Co., Rochester, N. Y. Liquid treating apparatus. 1,911,769; May 30.
- Phifer, James S., Allentown, Pa., assignor to The American Steel and Wire Company of New Jersey. Treating rods and wire. 1,933,553; Oct. 31.
- Philad Company, The. (See Decker, George, assignor.)
- Philad Company, The. (See Mayer, Josef, assignor.)
- Philadelphia Drying Machine Company, The. (See Butcher, S., and Wilder, assignors.)
- Philadelphia Drying Machinery Company, The. (See Dennis, John W., assignor.)
- Philadelphia Drying Machinery Company, The. (See Sibson, W. W., and Belcher, assignors.)
- Philadelphia Drying Machinery Company, The. (See Sibson, W. W., and Dennis, assignors.)
- Philadelphia Drying Machinery Company, The. (See Sibson, W. W., and Galsion, assignors.)
- Philadelphia Ice Cream Cone Machinery Company. (See Berzon, Louis, assignor.)
- Philadelphia Lawn Mower Company Inc. (See Hessenbruch, Hermann M., assignor.)
- Philadelphia Metal Drying Form Company. (See Guggenheim, Paul, assignor.)
- Philadelphia Quartz Company of California. (See Baker, Chester L., assignor.)
- Philadelphia & Reading Coal & Iron Company, The. (See Harford, Charles G., assignor.)
- Philadelphia Storage Battery Company. (See Fisher, Roy S., assignor.)
- Philadelphia Storage Battery Company. (See Grinditch, William H., assignor.)
- Philadelphia Storage Battery Company. (See Holland, Walter E., assignor.)
- Philadelphia Storage Battery Company. (See Pearson, Lawrence J., assignor.)
- Philadelphia Thermometer Company. (See Schwartz, John L., assignor.)
- Philaja, Nels, El Paso, Tex. Comb. 1,892,749; Jan. 3.
- Philbrick, Leonard A. (See Jenkins, F. A., and Philbrick.)
- Philon, Julius J. (See Maxham, D. E., and Philon.)
- Philip Carey Manufacturing Company, The. (See Colman, Shirley T., assignor.)
- Philip Carey Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Philip Carey Manufacturing Company, The. (See Greider, Harold W., assignor.)
- Philip Carey Manufacturing Company, The. (See Heilman, Russell H., assignor.)
- Philip Carey Manufacturing Company, The. (See Schaefer, Elmer R., assignor.)
- Phillips, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Evaporator for refrigerators. 1,893,338; Jan. 3.
- Phillips, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerant compressor cooling system. 1,897,178; Feb. 14.
- Phillips, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating system. 1,931,268; Oct. 17.
- Phillips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Waterproof sweatband structure. 1,895,861; Jan. 31.
- Phillips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Waterproof sweatband structure. 1,895,862; Jan. 31.
- Phillips, Hans A., Stratford, Conn., assignor to American Fabrics Company. Garter and making the same. 1,896,646; Feb. 7.
- Phillips' N. V., Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
- Phillips' N. V., Gloeilampenfabrieken. (See Bouwers, A., and Bolding, assignors.)
- Phillips' N. V., Gloeilampenfabrieken. (See Bouwers, A., and Halbertsma, assignors.)
- Phillips' N. V., Gloeilampenfabriken. (See De Boer, Jan H., Van Geel, and Emmens, assignors.)
- Phillips' N. V. Gloeilampenfabrieken. (See de Groot, W., and Mulder, assignors.)
- Phillips, N. V., Gloeilampenfabrieken. (See Dijksterhuis, Popko R., assignor.)
- Phillips' N. V., Gloeilampenfabrieken. (See Jansen, M. J., Vermeulen, and Voorhoeve, assignors.)
- Phillips, N. V., Gloeilampenfabrieken. (See Six, W., and Timmer, assignors.)
- Phillips, N. V., Gloeilampenfabrieken. (See Van Gessel, Karel M., assignor.)
- Phillips, Samuel C., Tulsa, Okla. Safety extension signal. 1,893,303; Jan. 3.
- Phillipsen, Michael, Vedback, Denmark. Thermometer. 1,918,130; July 11.
- Phillippe, George L., Harlowton, Mont. Fishing reel. 1,897,711; Feb. 14.
- Phillippi, Dale M., assignor, by mesne assignments, to The Kay and Ess Chemical Corporation, Dayton, Ohio. Enamel imitation leather finish. 1,936,913; Nov. 28.
- Phillips, Albert J. (See Swartz, C. E., and Phillips.)
- Phillips, Alfred N., Jr., Stamford, Conn. Swimming appliance. 1,932,708; Oct. 31.
- Phillips, Burdett H. (See Lee, F. L., and Phillips.)
- Phillips, Charles E., Saskatoon, Saskatchewan, Canada. Frame spacer for bee hives. 1,929,648; Oct. 10.
- Phillips Chas. Tool Co. (See McDowell, Charles O., assignor.)
- Phillips, Claude L. (See Sellberg, E., and Phillips.)
- Phillips, Clive S., assignor to Phillips Telescopic Taps Limited, London, England. Tap for fluids. 1,912,304; May 30.
- Phillips, Clive S., assignor to Phillips Telescopic Taps Limited, London, England. Tap for containers. 1,928,263; Sept. 26.
- Phillips, David, Daytona Beach, Fla. Astronomical device. 1,912,305; May 30.
- Phillips, Elwood C., Evanston, Ill. Engine starter. 1,928,674; Oct. 3.
- Phillips, George D., Los Angeles, Calif. Rotary sprinkler. 1,941,269; Dec. 26.
- Phillips, H. F. (See Thompson, John P., assignor.)
- Phillips, Harley R., Oak Park, and H. J. Clarke, Chicago, Ill., assignors to Mojonnier Bros. Co. Material cutting and wrapping machine. 1,918,824; July 18.
- Phillips, Heman H., Charlemont, Mass. Trellis, arbor, and the like. 1,902,663; Mar. 21.
- Phillips, Horace P., San Mateo, Calif., assignor to Link-Belt Company, Chicago, Ill. Antifriction bearing. 1,926,403; Sept. 12.
- Phillips, Howard. (See Wiggins, G., and Phillips.)
- Phillips, Hugo, Hydesville, Calif. Planer band saw. 1,928,073; Sept. 26.
- Phillips, James E., New York, N. Y. Automatic stay for lock keepers. 1,918,129; July 11.
- Phillips, James G., assignor to E. C. Greiner, Long Beach, Calif. Apparatus for producing petroleum products. 1,916,071; June 27.
- Phillips, James L., Oakville, Wash. Cable anchoring means for drums. 1,913,508; June 13.
- Phillips, Jennie B., et al. (See Vaughn, Pirl F., assignor.)
- Phillips, Jerry M., New York, N. Y. Advertising device. 1,931,995; Oct. 24.
- Phillips, John A., Nottingham, England. Ribbed knitted fabric. 1,910,932; May 23.
- Phillips, John E. (See Phillips, Joseph D., assignor.)
- Phillips, John H. (See Rhodes, C., and Phillips.)
- Phillips, John W., El Campo, Tex. Aeroplane. 1,932,532; Oct. 31.
- Phillips-Jones Corporation. (See Golden, Thomas H., assignor.)
- Phillips, Joseph D., assignor of one-half to J. E. Phillips, Helena, Mont. Rumble seat window appliance. 1,901,329; Mar. 14.
- Phillips, Lorraine V., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Purifying and concentrating acid. 1,934,234; Nov. 7.
- Phillips, Leonard R., New York, N. Y. Crayon and making the same. 1,922,558; Aug. 15.
- Phillips, Louis A., Tenafly, N. J. Display card. 1,901,188; Mar. 14.
- Phillips, Matthew J., et al. (See Dare, Samuel T., assignor.)
- Phillips, Matthew J., et al. (See Edwards, James H., assignor.)
- Phillips, Max, Washington, D. C. Varnish. 1,899,526; Feb. 28.
- Phillips, Milton E., assignor to Crouse-Hinds Company, Syracuse, N. Y. Floor outlet fixture. 1,907,661; May 9.
- Phillips Mine and Mill Supply Company. (See Goletz, Albert, assignor.)
- Phillips, Nathan. (See Cronenberg, Abbey, assignor.)
- Phillips, Nathan C., assignor to Russia Cement Company, Gloucester, Mass. Method and apparatus for the conversion of starch to dextrine and the like. 1,894,570; Jan. 17.
- Phillips, Nathan C., assignor to Russia Cement Company, Gloucester, Mass. Apparatus for heat treating materials. 1,894,571; Jan. 17.

- Phillips, Nathan C., assignor to Russia Cement Company, Gloucester, Mass. Dispensing cap. 1,919,859; July 25.
- Phillips, Oron N., Reynolds, Ill. Gear pump. 1,896,970; Feb. 7.
- Phillips, Dr. P., Company. (See Smalle, Daniel M., assignor.)
- Phillips, Dr. P., Company. (See Wiggins, G., and Phillips, assignors.)
- Phillips, Paul D., assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Toggle latch. 1,898,742; Feb. 21.
- Phillips, Paul D., assignor to Benjamin Electric Mfg. Co., Des Plaines, Ill. Show case lighting fixture. 1,911,646; May 30.
- Phillips Petroleum Company. (See Bridgewater, Hurlbert R., assignor.)
- Phillips Petroleum Company. (See Church, Lloyd E., assignor.)
- Phillips Petroleum Company. (See Creel, William H., assignor.)
- Phillips Petroleum Company. (See Crites, W. J., and Knowlton, assignors.)
- Phillips Petroleum Company. (See Crosby, E. W., and Fanshier, assignors.)
- Phillips Petroleum Company. (See Defenbaugh, Loyd F., assignor.)
- Phillips Petroleum Company. (See Endacott, Paul S., assignor.)
- Phillips Petroleum Company. (See Endacott, P. S., and Thomas, assignors.)
- Phillips Petroleum Company. (See Fitch, Louis H., jr., assignor.)
- Phillips Petroleum Company. (See Huppke, W. F., and Frey, assignors.)
- Phillips Petroleum Company. (See Knowlton, D. R., and Crites, assignors.)
- Phillips Petroleum Company. (See Lewis, Kenneth R., assignor.)
- Phillips Petroleum Company. (See McQuiston, Horace L., assignor.)
- Phillips Petroleum Company. (See Oberfell, G. G., and Thomas, assignors.)
- Phillips Petroleum Company. (See Riney, Arthur H., assignor.)
- Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
- Phillips Petroleum Company. (See Turner, Barry F., assignor.)
- Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
- Phillips, Ralph A., Torrance, Calif. Pipe unscrewing tool. 1,918,663; July 18.
- Phillips, Reginald G. A., Cleveland Heights, Ohio, assignor, by mesne assignments, to American Multigraph Co., Wilmington, Del. System of justifying type lines. 1,895,520; Jan. 31.
- Phillips, Robert M., assignor to The Electric Controller & Mfg. Company, Cleveland, Ohio. Motor control system. 1,899,586; Feb. 28.
- Phillips, Robert S., Oak Park, Ill., assignor to American Hair & Felt Company. Sound transmission reduction structure. 1,908,917; May 16.
- Phillips, Rodney F., Oakland, Calif. Portable lift. 1,909,890; May 16.
- Phillips, Ross S., assignor to The Cleveland Liner & Manufacturing Company, Cleveland, Ohio. Machine for coating paper and fabric. 1,937,164; Nov. 28.
- Phillips, Roy, assignor of one-tenth to V. J. Kline, Dallas, Tex. Wall board and plaster tie. 1,925,774; Sept. 5.
- Phillips, Stephen N. H., London, England. Carton or box for cigarettes and the like. 1,892,807; Jan. 3.
- Phillips Telescopic Taps Limited. (See Phillips, Clive S., assignor.)
- Phillips, Wiley E., et al. (See Aden, John C., assignor.)
- Phillips, William B. (See Elliott, Fred S., assignor.)
- Phillips, William J. (See Reisinger, George.)
- Phillips, William M., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Chromium plating process. 1,903,130; Mar. 28.
- Philpot, Albert D., Chicago, Ill. Talking machine. 1,926,110; Sept. 12.
- Philpott, La Verne R., assignor to Westinghouse Electric & Manufacturing Company, Wilkinsburg, Pa. Facsimile transmitter. 1,927,900; Sept. 26.
- Pinney, Edgar E., West Orange, assignor to Defiance Manufacturing Corporation, Orange, N. J. Printing press. 1,906,332; May 2.
- Pinney, Edgar E., West Orange, assignor to Defiance Manufacturing Corporation, Orange, N. J. Checkwriter. 1,923,685; Aug. 22.
- Pinney, Edward D., Mount Vernon, N. Y. Container. 1,917,541; July 11.
- Pinney, Edward D., Mount Vernon, N. Y. Speedometer. 1,924,413; Aug. 29.
- Pinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system for railroads. 1,895,422; Jan. 24.
- Phipps, Ross T., Bridgeport, Conn. Sprayer. 1,939,461; Dec. 12.
- Phipps, Thomas E. (See Keyes, D. B., Phipps, and Klabunde.)
- Phister, Albert B., Fort Thomas, Ky., assignor to The Phister Manufacturing Company, Cincinnati, Ohio. Fire extinguisher. 1,918,930; July 18.
- Phlster Manufacturing Company, The. (See Phlster, Albert B., assignor.)
- Phoenix, Ernest T. (See Cooper, W. B., and Phoenix.)
- Phoenix Glass Company, The. (See Stewart, Andrew H., assignor.)
- Phoenix Metal Cap Co. (See Crabbe, Lindsay T., assignor.)
- Phoenix Trimming Co. (See Neff, E. A., and Rink, assignors.)
- Phosphate Mining Co., The. (See Bullwinkel, John T., assignor.)
- Phosphate Products Corporation. (See Cox, Edwin, assignor.)
- Phosphate Recovery Corporation. (See Crago, A., and Martin, assignors.)
- Phosphate Recovery Corporation. (See Johnston, Francis F., assignor.)
- Photo-Cast, Inc. (See Bennett, Charles W., assignor.)
- Photogrammetrie G. m. b. H., Firm. (See Aschenbrenner, Claus, assignor.)
- Photo Review Corporation. (See Bodan, Casimir, assignor.)
- Photostat Corporation. (See Greene, John S., assignor.)
- Photostat Corporation. (See Greene, J. S., and Landrock, assignors.)
- Piagneri, Umberto, San Francisco, Calif. Combined pin tumbler and permutation lock. 1,937,165; Nov. 28.
- Piani, Fred, New York, N. Y. Alarmed cash register. 1,900,519; Mar. 7.
- Platt, Howard I., assignor to Motor Wheel Corporation, Lansing, Mich. Flue cleaning device. 1,898,596; Feb. 21.
- Platt, William M., Durham, N. C. Sewage disposal. 1,929,179; Oct. 3.
- Platt, William M., Durham, N. C. Sewage treatment. 1,937,434; Nov. 28.
- Piazze, Thomas E. (See Jones, L. L., and Piazze.)
- Piazze, Thomas E., Brooklyn, assignor to Technidyne Corporation, New York, N. Y. Phonograph. 1,924,287; Aug. 29.
- Piazzoli, Theodore J., assignor to Capstan Glass Company, Connellsville, Pa. Tumbler or similar article. Des. 90,082; June 6.
- Piazzoli, Theodore J., assignor to Capstan Glass Company, Connellsville, Pa. Tumbler or similar article. Des. 91,083; Nov. 21.
- Picard, Charles, Joinville Le Pont, assignor to l'Air Liquide Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude, Paris, France. Apparatus for the distribution of gases under pressure by means of liquefied gases. 1,895,295; Jan. 24.
- Picard, Georges. (See McConkey, T. C., and Picard.)
- Picard, Hugh F. K. (See Durant, H. T., Sulman, and Picard.)
- Picard, Hugh F. K. (See Sulman, H. L., and Picard.)
- Picard, John B., assignor to The National Supply Company, Toledo, Ohio. Lubricating mechanism. 1,898,981; Feb. 21.
- Picard, Rene, Paris, France, assignor to Du Pont Rayon Company, New York, N. Y. Producing artificial silk. 1,931,239; Oct. 17.
- Picard, Jean, Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 1,901,469; Mar. 14.
- Picard, Jean, Lower Berkshire Valley, N. J., assignor to Hercules Powder Company, Wilmington, Del. Resistance wire. 1,926,213; Sept. 12.
- Picard, Jean, Lower Berkshire Valley, N. J., assignor to Hercules Powder Company, Wilmington, Del. Paraphenylenediamine dipicrate and preparing same. 1,939,365; Dec. 12.
- Piccirilli, Pasquale J., Crestwood, assignor to Belladonna Bros., Inc., New York, N. Y. Scaffold. 1,934,000; Nov. 7.
- Picco, John, New York, N. Y. Tubular aerial advertising device. 1,893,149; Jan. 3.
- Picco, John, New York, N. Y. Aerial advertising device. 1,903,131; Mar. 28.
- Pice, Charles A., Astoria, Oreg. Screw jack. 1,914,286; June 13.
- Piece, Angelo, and S. Guarnaschelli, Long Island City, N. Y. Die for producing spirally corrugated tubing. 1,919,254; July 25.
- Piché, Frank W. (See Merriman, H. H., and Piché.)
- Pichler, Helmut. (See Fischer, E., and Pichler.)
- Pick, Eric. (See Lamela, V. F., Pick, and Robertson.)
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Chart recording meter. 1,910,361; May 23.
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 1,935,458; Nov. 14.
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 1,937,324; Nov. 28.
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Automatic regenerative water softener. 1,937,325; Nov. 28.
- Pick, Eric, assignor to The Permutit Company, New York, N. Y. Intermittent gear drive and means of controlling same. 1,937,326; Nov. 28.
- Pick, George, et al. (See Gentile, Marino, assignor.)
- Pickard, Frank C., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker. 1,904,520; Apr. 18.
- Pickard, Frank C., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Pulverized fuel feeding stoker. 1,908,047; May 9.

- Pickard, Frank C., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Fuel distributor. 1,936,142; Nov. 21.
- Pickard, Frank C., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Making conveyer screws. 1,939,080; Dec. 12.
- Pickard, Frank C., and H. P. Anderson, Erie, Pa., assignors to The Standard Stoker Company, Incorporated. Stoker conveyer. 1,915,950; June 27.
- Pickard, Greenleaf W., Newton Center, Mass., assignor, by mesne assignments, to General Electric Company. Radio receiving apparatus. 1,907,571; May 9.
- Pickard, Greenleaf W., Newton Center, Mass., assignor, by mesne assignments, to General Electric Company. Static neutralizer for radioreceivers. 1,907,572; May 9.
- Pickard, Greenleaf W., Newton Center, Mass., assignor, by mesne assignments, to General Electric Company. Condenser support. 1,915,692; June 27.
- Pickard, Greenleaf W., Newton Center, Mass., assignor, by mesne assignments, to General Electric Company. Extreme loading condenser. 1,918,825; July 18.
- Pickard, Greenleaf W., Newton Center, Mass., assignor, by mesne assignments, to General Electric Company. Electrical condenser. 1,938,857; Dec. 12.
- Pickard, Joseph A., London, assignor to Metafilters (1929) Limited, Middlesex, England. Filtration. 1,919,570; July 25.
- Pickering, Clarence H., and J. Campbell, Seattle, Wash. Cooking utensil. 1,907,441; May 9.
- Pickett, Angelo C., Riverside, Calif. Insect trap. 1,900,199; Mar. 7.
- Pickett, Arthur B., Haines City, Fla. Fertilizer and making same. 1,894,496; Jan. 17.
- Pickett, Britton B., Carroz Springs, Tex. Protector for surgical operations. 1,895,343; Jan. 24.
- Pickop, George B., New Haven, assignor to Malleable Iron Fittings Company, Branford, Conn. Tool for use in making concrete. 1,911,966; May 30.
- Pickop, George B., New Haven, assignor to Malleable Iron Fittings Company, Branford, Conn. Vibrator. 1,911,967; May 30.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Generator device for liquid fuel stoves. 1,898,597; Feb. 21.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Cabinet type oil burning heater. 1,900,520; Mar. 7.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gas burner. 1,923,393; Aug. 22.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Gas burner. 1,923,394; Aug. 22.
- Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Generator device for liquid fuel stoves. 1,923,882; Aug. 22.
- Pickup, George E., assignor to The Wehrle Company, Newark, N. J. Liquid fuel burner. 1,940,879; Dec. 26.
- Pickworth, John W. (See Weiskopf, W. H., and Pickworth.)
- Pidgeon, Charles S., Akron, Ohio. Door operating mechanism. 1,918,054; July 11.
- Pidgeon, Howard A., and J. O. McNally, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,923,686; Aug. 22.
- Pidgeon, John V., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Sifting and material directing device for containers. 1,922,174; Aug. 15.
- Pieczentkowski, Albert G., East Providence, assignor to Providence Fraid Company, Pawtucket, R. I. Method of and apparatus for transferring strand-like articles, strand-like articles. 1,924,164; Aug. 29.
- Pieczentkowski, Albert G., East Providence, assignor to Providence Fraid Company, Pawtucket, R. I. Process of and apparatus for winding and wrapping strand-like articles. 1,927,708; Sept. 19.
- Piehl, Henry J., Hudson, Ohio, assignor to Hookless Fastener Company. Slide fastener. 1,902,417; Mar. 21.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Crosshead guide for piston machines. 1,915,332; June 27.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Fuel valve. 1,919,904; July 25.
- Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Piston for double acting internal combustion engines. 1,922,393; Aug. 15.
- Piñoz, Jean, Lyon, France, assignor to L. J. Hyams and Company, New York, N. Y. Printed textile fabric or similar article. Des. 89,092; Jan. 24.
- Piepenbrinck, Gustave A., Stratford, and W. Beutel, assignors to The American Fabrics Company, Bridgeport, Conn. Reversible garter. 1,922,604; Aug. 15.
- Pieper, Alphonse F., et al. (See Meitzler, Charles R., assignor.)
- Pieper, Alphonse F., Rochester, N. Y. Housing for lamp for surgical work and the like. Des. 89,208; Feb. 7.
- Pieper, Chester R., La Crosse, Wis. Guy anchor. 1,936,337; Nov. 21.
- Pieper, Ernest J., Lancaster, Pa., D. F. Smith, Pensacola, Fla., and C. C. Vogt, assignors to Armstrong Cork Company, Lancaster, Pa. Distributing binder over fibrous materials. 1,901,930; Mar. 21.
- Pieper, Ernest J., D. F. Smith, and C. C. Vogt, Haddonfield, N. J., assignors to Armstrong Cork Company, Pittsburgh, Pa. Making heat insulating bodies. 1,901,984; Mar. 21.
- Pieper, Oscar H., et al. (See Meitzler, Charles R., assignor.)
- Pieper, Oscar H., Rochester, N. Y. Dental apparatus. 1,911,386; May 30.
- Pieper, Oscar H., Rochester, N. Y. X-ray apparatus. 1,941,270; Dec. 26.
- Piegras, Stanley S., Chicago, Ill. Generator for hydrocarbon burners. 1,894,417; Jan. 17.
- Pier, Mathias. (See Gans, W., and Pier.)
- Pier, Mathias. (See Krauch, C., and Pier.)
- Pier, Mathias. (See Krauch, C., Pier, and Anthes.)
- Pier, Mathias. (See Krauch, C., Pier, and Simon.)
- Pier, Mathias. (See Mittasch, A., Pier, Wietzel, and Langheinrich.)
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Apparatus for carrying out the destructive hydrogenation of carbonaceous material. 1,894,116; Jan. 10.
- Pier, Mathias, Heidelberg, Germany, assignor by mesne assignments to Standard I-G. Company, Linden, N. J. Production of valuable liquid products from solid distillable carbonaceous materials by destructive hydrogenation. 1,920,887; Aug. 1.
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons. 1,921,477; Aug. 8.
- Pier, Mathias, Heidelberg, Germany, assignor, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of valuable liquid hydrocarbons. 1,921,478; Aug. 8.
- Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of valuable hydrocarbons. 1,938,086; Dec. 5.
- Pier, Mathias, Heidelberg, and E. Anthes, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of liquid hydrocarbons. 1,894,257; Jan. 10.
- Pier, Mathias, Heidelberg, and E. Anthes and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons from carbonaceous materials which are in the liquid state. 1,895,769; Jan. 31.
- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Separation of oils from solid residues. 1,904,521; Apr. 18.
- Pier, Mathias, Heidelberg, E. Anthes, Ludwigshafen-on-the-Rhine, and A. Eisenhut, Wiebilingen, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Producing valuable liquid fuels. 1,910,050; May 23.
- Pier, Mathias, Heidelberg, and F. Ringer, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Method of making motor fuels. 1,910,051; May 23.
- Pier, Mathias, Heidelberg and H. Lemme, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of liquid constituents from mixtures of solids and liquids. 1,912,856; June 6.
- Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of lubricating oils. 1,914,727; June 20.
- Pier, Mathias, Heidelberg, R. Wietzel, and K. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing oxygenated organic compounds. 1,917,323; July 11.
- Pier, Mathias, Heidelberg, K. Winkler, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of low boiling hydrocarbon products. 1,917,324; July 11.
- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of coals, tars, mineral oils, and the like. 1,919,857; July 25.
- Pier, Mathias, Heidelberg, M. Wildhagen, Mannheim, and W. Schunck, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Valuable products from carbonaceous substances. 1,920,886; Aug. 1.
- Pier, Mathias, Heidelberg, and W. Rumpf, Ludwigshafen-on-the-Rhine, Germany, assignors by mesne assignments to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of distillable carbonaceous materials. 1,920,888; Aug. 1.
- Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous materials. 1,922,499; Aug. 15.

- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for the recovery of volatilizable organic substances from materials containing the same. 1,925,566; Sept. 5.
- Pier, Mathias, Heidelberg, K. Winkler, and W. Michael, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Distillation of hydrogenated oil residues. 1,927,244; Sept. 19.
- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Low-temperature carbonization of carbonaceous material. 1,929,649; Oct. 10.
- Pier, Mathias, Heidelberg, F. Ringer, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of refined hydrocarbon oils. 1,932,186; Oct. 24.
- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbons. 1,932,673; Oct. 31.
- Pier, Mathias, Heidelberg, and K. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Recovery of the products of destructive hydrogenation. 1,933,069; Oct. 31.
- Pier, Mathias, Heidelberg, and K. Wissel, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Production of hydrocarbon products. 1,934,001; Nov. 7.
- Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Destructive hydrogenation of carbonaceous materials. 1,937,588; Dec. 5.
- Pier, Mathias, Heidelberg, and E. Donath, Mannheim, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Separation of hydrogen. 1,938,087; Dec. 5.
- Pier, Mathias, Heidelberg, and W. Simon, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Liquid and other hydrocarbon and derivative thereof by the destructive hydrogenation of carbonaceous materials. 1,938,542; Dec. 5.
- Pierce-Arrow Motor Car Company, The. (See Hughes James R., assignor.)
- Pierce-Arrow Motor Car Company, The. (See Kloss, W., and Hoffer, assignors.)
- Pierce-Arrow Motor Car Company, The. (See Wise, Karl M., assignor.)
- Pierce, Burt N., assignor to Emeral Manufacturing Co., New York, N. Y. Lubricating system for internal combustion engines. 1,915,444; June 27.
- Pierce, Burt N., assignor to Emeral Manufacturing Co., New York, N. Y. Lubricating system for internal combustion engines. 1,915,445; June 27.
- Pierce, Burt N., New York, N. Y. Lubricating can support for motor vehicles, boats, walls, etc. 1,929,562; Oct. 10.
- Pierce, Burt N., assignor to Emeral Manufacturing Co., New York, N. Y. Lubricating system for internal combustion engines. 1,932,599; Oct. 31.
- Pierce, Butler & Pierce Manufacturing Corporation. (See Wafter, George C., assignor.)
- Pierce, Clarence G., Houston, Tex. Fuse socket and holder. 1,906,280; May 2.
- Pierce, Clarence G., Houston, Tex. Fuse holder. 1,922,500; Aug. 15.
- Pierce, Earl R., Flint, assignor to General Motors Research Corporation, Detroit, Mich. Control for infinitely variable transmissions. 1,922,634; Aug. 15.
- Pierce, Edward A., Portland, Oreg. Dentist's emergency unit. 1,907,187; May 2.
- Pierce, George W. (See Benjamin, W. E., and Pierce.)
- Pierce, George W., and F. D. Biddle, assignors to The Pierce Governor Company, Anderson, Ind. Selective connection attachment for carburetors and governors. 1,932,802; Oct. 31.
- Pierce Governor Company. (See Benjamin, W. E., and Pierce, assignors.)
- Pierce Governor Company, The. (See Noland, Dale J., assignor.)
- Pierce Governor Company, The. (See Pierce, G. W., and Biddle, assignors.)
- Pierce, Harold C., Anaheim, Calif., assignor to Brodrex Company, Winter Haven, Fla. Automatically controlled article coating apparatus. 1,940,269; Dec. 19.
- Pierce, Harold S., Indianapolis, Ind., assignor to Link-Belt Company, Chicago, Ill. Coupling. 1,913,258; June 6.
- Pierce, Howard M., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Inflatable ball. 1,932,226; Oct. 24.
- Pierce, Hubert E., et al. (See Crawford, Earl M., assignor.)
- Pierce, James B., jr., Charleston, W. Va., assignor to Barium Reduction Corporation. Manufacture of hydrogen peroxide. 1,919,036; July 18.
- Pierce, James H., Bay City, Mich. Marine propulsion device. 1,910,561; May 23.
- Pierce, James M., assignor of one-half to O. Bundy, Ogden, Utah. Hydraulic loading device. 1,926,307; Sept. 12.
- Pierce, James M., assignor of one-half to Ora Bundy, Ogden, Utah. Truck loading device. 1,926,308; Sept. 12.
- Pierce, James M., assignor of one-half to O. Bundy, Ogden, Utah. Loading, unloading, and conveying machine. 1,926,309; Sept. 12.
- Pierce, Jeremiah A. (See Connolly, G. C., and Pierce.)
- Pierce, John B., et al. (See Hubach, Gustave, assignor.)
- Pierce, John B., et al., receivers. (See Bearman, Harry C., assignor.)
- Pierce, John B., et al., receivers. (See Castricum, Martin, assignors.)
- Pierce, John B., et al., receivers. (See Soulen, Harry B., assignor.)
- Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
- Pierce, John B., Foundation. (See Dunning, Neal M., assignor.)
- Pierce, Lee D. (See Wright, W. L., and Pierce.)
- Pierce, Lonnie J., assignor to American Window Glass Company, Pittsburgh, Pa. Apparatus for washing sheet glass. 1,921,479; Aug. 8.
- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Car. 1,915,756; June 27.
- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Car. 1,915,757; June 27.
- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Car. 1,915,758; June 27.
- Pierce, Raymond C., assignor to General American Tank Car Corporation, Chicago, Ill. Safety brake-beam support for car trucks. 1,923,841; Aug. 22.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Floor lamp. Des. 89,153; Jan. 31.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Wire straightening apparatus. 1,894,703; Jan. 17.
- Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Tire construction. 1,914,040; June 13.
- Pierce, Robert E. (See Agner, F. O., Haux, and Pierce.)
- Pierce, Robert M. (See Hunter, C. R., and Pierce.)
- Pierce, Robert M. (See Smith, C. C., Hunter, and Pierce.)
- Piercer, Maurice W., Norbury, London, England, assignor to Joan O. Chrystal, Summit, N. J. Gear. 1,903,390; Apr. 4.
- Piercy, Carl A., Ballston Lake, N. Y., assignor to General Electric Company. High tension power transmitting electric cable. 1,893,376; Jan. 3.
- Piercy, Earl R., assignor to Thomas & Skinner Steel Products Co., Indianapolis, Ind. Permanent magnet support for lamps. 1,932,143; Oct. 24.
- Pieretti, George, assignor to Delray Corporation, San Francisco, Calif. Continuous feeding mechanism. 1,898,851; Feb. 21.
- Pieri, Joseph B., Glens Ferry, Idaho. Doughnut turner. 1,918,287; July 18.
- Piermann, George H., Bellport, N. Y. Scissors sharpener. 1,936,990; Nov. 28.
- Pierpont, Porter G., Savannah, Ga. Top for fruit and vegetable boxes or crates. 1,919,391; July 25.
- Piersol, Robert J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oscillation generator. 1,930,536; Oct. 17.
- Pierson, Adolph. (See Johns, George H., assignor.)
- Pierson, Charles W., Te Aroha, New Zealand. Liquid dispensing and measuring device. 1,931,936; Oct. 24.
- Pierson, Edwin W., Newark, N. J., and F. C. Grumman, Norwalk, Conn.; said Grumman assignor to Mergenthaler Linotype Company. Slug casting machine. 1,915,031; June 20.
- Pierson, Hallie P., A. & M. College, Miss. Amusement device. 1,895,466; Feb. 21.
- Pierson, Leonard B., E. R. Dawson, and H. S. Coulter, Denver, Colo. Fountain shaving brush. 1,936,261; Nov. 21.
- Pierson, Oscar E., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Correcting mechanism for synchronous apparatus. 1,924,050; Aug. 22.
- Pierson, Thorvald N., assignor, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Chain tightener. 1,913,040; June 6.
- Pierson, Willett C., East Orange, N. J., assignor to Leagum Corporation of Delaware, New York, N. Y. Lacquer-base, lacquer and making same. 1,899,054; Feb. 28.
- Pierson, William D., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Clutch mechanism for high-speed wire-spooling machines. 1,928,301; Sept. 26.
- Pierson, William D., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Variable wire tensioning device. 1,935,726; Nov. 21.
- Pleschke, Fritz, New York, N. Y. Collapsible flower display. 1,916,988; July 4.
- Pleszak, Anthony J., Dunkirk, N. Y. Automobile safety windshield sash. 1,914,287; June 13.
- Pietrzykowski, Jozef, Warsaw, Poland. Boat. 1,906,883; May 2.
- Pietzsch, Frank H., Coupland, Tex. Thermostatic alarm. 1,936,970; Nov. 28.
- Pietzsch, Frank H., assignor to Railway Devices Company, St. Louis, Mo. Hand brake. 1,935,374; Nov. 14.

- Pietzsch, Kurt F., assignor to The Selden Company, Pittsburgh, Pa. Purification of sublimable organic material. 1,939,224; Dec. 12.
- Piganeau, Gerard P., Clichy, France. Servo-brake of the centrifugal type. 1,924,254; Aug. 29.
- Piggly Wiggly Corporation. (See Healy, John F., assignor.)
- Piggly Wiggly Corporation. (See Long, Hubert H., assignor.)
- Piggly Wiggly Corporation. (See Slattery, Joseph J., assignor.)
- Piggly Wiggly Corporation. (See Thompson, Harold D., assignor.)
- Pignanelli, Luigi, Tacoma, Wash. Arch supporter. 1,924,051; Aug. 22.
- Pigott, Reginald J. S., Pittsburgh, Pa. Safety device. 1,922,777; Aug. 15.
- Pigott, Reginald J. S., Pittsburgh, Pa., assignor to P. L. Corporation, Bridgeport, Conn. Gear tooth shape. 1,909,117; May 16.
- Pike, Frances W., Chicago, Ill., assignor to General Electric Company. Clock case. Des. 89,790; May 2.
- Pike, Merritt L., Thorofare, N. J. Prepayment gasoline pump meter. 1,921,775; Aug. 8.
- Pike, Otis W., Schenectady, N. Y., assignor to General Electric Company. Cathode structure for thermionic devices. 1,924,375; Aug. 29.
- Pike, Robert D., Diablo, assignor to Kalif Corporation, Emeryville, Calif. Melting copper-lead. 1,910,446; May 23.
- Pike, Robert D., Diablo, and J. Krill, San Francisco, assignors to Kalif Corporation, Emeryville, Calif. Uniting or soldering. 1,937,840; Dec. 5.
- Pike, Vernon B. (See Henneberger, T. C., and Pike.)
- Pike, William E., Winston-Salem, N. C. Pump. 1,923,883; Aug. 22.
- Pike, William E., Winston-Salem, N. C. Valve mechanism. 1,925,201; Sept. 5.
- Pike, William E., Winston-Salem, N. C. Pump. 1,928,738; Oct. 3.
- Pike, William P. (See Logan, Z. S., and Pike.)
- Piker, Louis M., Hamilton, Ohio. Blank for and process of making metal containers. 1,912,915; June 6.
- Pikul, Joseph H., Troy, N. Y., assignor to The Reece Button Hole Machine Company, Boston, Mass. Thread trimmer for buttonhole sewing machines. 1,927,950; Sept. 26.
- Pikul, Joseph H., Troy, N. Y., assignor to The Reece Button Hole Machine Company, Boston, Mass. Thread trimmer for buttonhole sewing machines. 1,931,556; Oct. 24.
- Pilat, Stanislaw, and J. Sereda, Lwow, Poland. Production of sulphonic acids. 1,933,070; Oct. 31.
- Pilblad, Sven A., assignor, by mesne assignments, to Peters Patents Corporation, Boston, Mass. Making finger rings. 1,918,487; July 18.
- Pilblad, Sven A., assignor, by mesne assignments, to Peters Patent Corporation, Boston, Mass. Finger ring. 1,930,907; Oct. 17.
- Pilcher, Allen C. and L. C., Louisville, Ky., assignors to The Russ Manufacturing Company, Cleveland, Ohio. Sirup pump. 1,902,261; Mar. 21.
- Pilcher, Charles F., St. Louis, Mo. Freewheeling device. 1,920,712; Aug. 1.
- Pilcher, Delbert E., Mancos, Colo. Emasculator. 1,897,532; Feb. 14.
- Pilcher, John A., Roanoke, Va., assignor to Western Railway Equipment Company, St. Louis, Mo. Railway journal box. 1,930,658; Oct. 17.
- Pilcher, John A., Roanoke, Va. Locomotive boiler structure. 1,940,696; Dec. 26.
- Pilcher, John A., Roanoke, Va. Locomotive boiler structure. 1,940,697; Dec. 26.
- Pilcher, Lawrence C. (See Pilcher, Allen C. and L. C.)
- Pidgeon, Howard A., and J. O. McNally, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 1,920,274; Aug. 1.
- Pilgrim, Ernest C., Okmulgee, Okla., assignor to The Jensen Salsbery Laboratories, Inc., Kansas City, Mo. Surgical instrument. 1,902,418; Mar. 21.
- Pilkington Brothers Limited. (See Cruikshank, James W., assignor.)
- Pilkington Brothers Limited. (See Gaskell, Joseph, assignor.)
- Pilkington Brothers Limited. (See Kaskell, Joseph, assignor.)
- Pilkington Brothers Limited. (See Slocombe, Frank E., assignor.)
- Pilkington Brothers Limited. (See Smith, Harry, assignor.)
- Pilkington Brothers Limited. (See Waldron, Frederic B., assignor.)
- Pilla, Tony, Trenton, N. J. Engine control. 1,903,876; Apr. 18.
- Pilling, Charles J., Lansdowne, and B. F. Wiegand, assignors to The G. P. Pilling & Son Company, Philadelphia, Pa. Stethoscope. 1,932,227; Oct. 24.
- Pilling, George P., & Son Company, The. (See Pilling, C. J., and Wiegand, assignors.)
- Pilling, Norman B., Elizabeth, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Malleable nickel having improved welding quality. 1,916,386; July 4.
- Pilling, Norman B., Elizabeth, N. J., and T. E. Kihlgren, West New Brighton, S. I., assignors to The International Nickel Company, Inc., New York, N. Y. Nickel welding wire containing titanium. 1,920,432; Aug. 1.
- Pillsbury, Clive N., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of living plant surfaces. 1,931,325; Oct. 17.
- Pillsbury Flour Mills Company. (See Pidgeon, John V., assignor.)
- Pilot Laboratories, Inc. (See Townend, Robert V., assignor.)
- Pilot Radio and Tube Corporation. (See Goldberg, Isidor, assignor.)
- Pine Institute of America Incorporated. (See Kesler, Carl C., assignor.)
- Pine, Melvin, Jamaica, assignor to Schwenk Safety Device Corporation, New York, N. Y. Carboy truck. 1,937,668; Dec. 5.
- Pine, Wilbur J., San Fernando, Calif. Poultry nest. 1,914,160; June 13.
- Pine, William B. (See Isham, Robert M., assignor.)
- Pine, William J., and N. L. Willer, assignors to Railway Utility Company, Chicago, Ill. Ventilator for cars. 1,941,186; Dec. 26.
- Pineda, Urbano, and T. L. Anabisa, assignors of one-half to said Pineda, one-fourth to said Anabisa, and one-fourth to Felomino V. Langlang, San Francisco, Calif. Compass. 1,892,735; Jan. 3.
- Pinell, Walter, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt bei Berlin, Germany. Telephone system. 1,935,954; Nov. 21.
- Pineo, Orrin W., Milo, Me., assignor to Sprague Specialties Co., North Adams, Mass. Portable screen. 1,902,373; Mar. 21.
- Pines, Herman, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,937,914; Dec. 5.
- Pines Winterfront Company. (See Petersen, Edgar G., assignor.)
- Pingrey, Wilson H., Blairstown, Iowa. Crank case oil heater. 1,894,887; Jan. 17.
- Pinheiro, John B., Oakland, Calif. Vehicular traveling bag. 1,895,677; Jan. 31.
- Pink, Clarence E., Cambridge, Md. Woven wire conveyor belt. 1,895,344; Jan. 24.
- Pink, Clarence E., Cambridge, Md. Connectors for woven wire conveyor belts. 1,895,345; Jan. 24.
- Pinkel, Benjamin. (See Pinkel, Hyman, and Benjamin.)
- Pinkel, Hyman and B., Philadelphia, Pa. Method and machine for mechanically obtaining the product of numbers. 1,912,857; June 6.
- Pinkerton, Clarence S., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control means for electric motor operated devices. 1,931,771; Oct. 24.
- Pinkham, Henry P., Wollaston, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Switch operating mechanism. 1,895,770; Jan. 31.
- Pinkham, Henry P., Wollaston, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Electric switch. 1,895,817; Jan. 31.
- Pinkham, Henry P., Wollaston, assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch and fabricated frames therefor. 1,912,221; May 30.
- Pinkham, Henry P., Wollaston, assignor to Condit Electrical Manufacturing Corporation, Hyde Park, Mass. Switch operating mechanism. 1,915,951; June 27.
- Pinkney, Bryan D., assignor to H. B. Smith Machine Company, Smithville, N. J. Sanding machine. 1,936,991; Nov. 28.
- Pinkney, Bryan D., assignor to H. B. Smith Machine Company, Smithville, N. J. Sanding machine. 1,936,992; Nov. 28.
- Pinkston, James H., Tulsa, Okla. Massage device. 1,919,571; July 25.
- Pinless Shirt Folding Co. (See McEwen, N. S., and Moulthrop, assignors.)
- Pinner, Walter L., assignor to General Spring Bumper Corporation, Detroit, Mich. Chromium plating. 1,909,716; May 16.
- Pinney, John S. (See Gillman, Arthur W., assignor.)
- Pinson, James H., Richmond, Ind., assignor to International Harvester Company. Check row planter. 1,902,891; Mar. 28.
- Pinson, Newt A., Jefferson, Ga. Double wire and cable gripping device. 1,920,522; Aug. 1.
- Pinson, William L., Barboursville, assignor to C. L. Harshbarger, Milton, W. Va. Self-propelled vehicle. 1,896,419; Feb. 7.
- Pinsuti, Giuseppe F., New York, N. Y. Bottle stopper. 1,910,562; May 23.
- Pinto, Angelo J., Rosebank, N. Y. Automobile top. 1,907,662; May 9.
- Pinto, Joseph. (See Adams, Roy S., assignor.)
- Pinto, Julian F., assignor of one-half to W. B. Jenkins, Sacramento, Calif. Elastic supporter and clasp. 1,894,541; Jan. 17.
- Pintsch, Julius, Aktiengesellschaft. (See Jaedicke, Friedrich, assignor.)
- Pioch, William F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Valve spring compressor. 1,908,785; May 16.
- Pioch, William F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Machine for balancing pistons. 1,908,786; May 16.

- Piombo, Sebastino, San Francisco, Calif. Automobile hood bracket lamp. 1,933,337; Oct. 31.
- Pioneer Fruit Harvesting Company. (See Behling, Arthur J., assignor.)
- Pioneer Gravel Equipment Manufacturing Company. (See Ovestrud, Melvin, assignor.)
- Pioneer Heat Regulator Corporation. (See Dicke, Allen A., assignor.)
- Pioneer Heat Regulator Corporation. (See Dicke, Oscar H., assignor.)
- Pioneer Instrument Company. (See Colvin, Charles H., assignor.)
- Pioneer Instrument Company. (See Colvin, C. H., and Urfer, assignors.)
- Pioneer Instrument Company. (See Gette, John O., jr., assignor.)
- Pioneer Instrument Company. (See Hutchinson, Miller R., jr., assignor.)
- Pioneer Instrument Company. (See Minorsky, Nicolai, assignor.)
- Pioneer Instrument Company. (See Simmons, John W., assignor.)
- Pioneer Instrument Company. (See Weber, Philip, assignor.)
- Pioneer Instrument Company, Incorporated. (See Colvin, Charles H., assignor.)
- Pioneer Instrument Company, Incorporated. (See Simmons, John W., assignor.)
- Pioneer Instrument Company, Incorporated. (See Urfer, Adolf, assignor.)
- Pioneer Manufacturing Co. (See Blatz, Albert, jr.)
- Pioneer Rubber Company, The. (See Gibson, John C., assignor.)
- Piotrowski, Johannes, Berlin-Wilmersdorf, assignor to Firm of Auto-Product G. m. b. H., Berlin-Helensee, Germany. Antishimmy device. 1,935,521; Nov. 14.
- Pipe, John, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Drawer slide. 1,926,453; Sept. 12.
- Pipe, John, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Sheet metal cabinet. 1,935,664; Nov. 21.
- Pipe & Joint Improvement Co. (See Burtnett, Robert, assignor.)
- Pipenbrink, Otis. (See Domries, O., and Piepenbrink.)
- Piper, Howard E., Wichita, Kans. Motion picture film printing device. 1,898,141; Feb. 21.
- Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Preparing molding sand. 1,933,278; Oct. 31.
- Piper, William B., assignor of twenty-five per cent to B. C. Welch, Memphis, Tenn. Illuminated sign. 1,894,704; Jan. 17.
- Pipes, Walter L., Elizabeth, N. J., assignor to The Shoe Hardware Company, New Haven, Conn. Separable fastener. 1,898,743; Feb. 21.
- Pipes, Walter L., Elizabeth, N. J., assignor to Morgan & Wright, Detroit, Mich. Tire expanding and bagging mechanism. 1,926,310; Sept. 12.
- Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Bulb and coloring the same. 1,900,463; Mar. 7.
- Pippert, Willis J., Ridgelyville, Me. Water marking device. 1,918,055; July 11.
- Pippin, Haskel A., Okmulgee, Okla. Apparatus for drilling wells. 1,904,522; Apr. 18.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and G. Lowrey, Harris County, Tex. Well plunger and packing. 1,895,728; Jan. 31.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and George Lowrey, Harris County, Tex. Well plunger. 1,900,731; Mar. 7.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and George Lowrey, Harris County, Tex. Well plunger. 1,919,641; July 25.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and G. Lowrey, Harris County, Tex. Well pump plunger. 1,923,040; Aug. 15.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and G. Lowrey, Harris County, Tex. Attachment for well pump plungers. 1,931,937; Oct. 24.
- Pippin, John W., Corpus Christi, assignor of one-half to H. R. Giles, Nueces County, and one-half to W. F. Hall and G. Lowrey, Harris County, Tex. Valve for well pump plungers. 1,931,938; Oct. 24.
- Piquet, Henry W., Moorestown, assignor to MacAndrews and Forbes Company, Camden, N. J. Apparatus for forming fiber sheets. 1,939,518; Dec. 12.
- Pirani, Marcello. (See Ewest, H., and Pirani.)
- Pirani, Marcello, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,897,497; Feb. 14.
- Pirani, Marcello, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,897,586; Feb. 14.
- Pirani, Marcello, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,897,587; Feb. 14.
- Pirani, Marcello, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,930,147; Oct. 10.
- Pirani, Marcello, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,930,149; Oct. 10.
- Pirani, Marcello, Berlin-Wilmersdorf, H. Ewest, Berlin, and G. Gaidies, Berlin-Pankow, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,897,642; Feb. 14.
- Pirani, Marcello, Berlin-Wilmersdorf, H. Ewest, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,930,148; Oct. 10.
- Pirani, Marcello, Berlin-Wilmersdorf, and M. Reger, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,930,150; Oct. 10.
- Pirani, N. (See Young, Guy M., assignor.)
- Pirinoli, Guglielmo, assignor to Fiat Società Anonima, Turin, Italy. Carburetor. 1,896,557; Feb. 7.
- Pirinoli, Guglielmo, assignor to Fiat Società Anonima, Turin, Italy. Reducing gear. 1,902,374; Mar. 21.
- Pirinoli, Guglielmo, assignor to Fiat Società Anonima, Turin, Italy. Valve. 1,914,786; June 20.
- Piro, Louis, Philadelphia, Pa. Spigot. 1,912,159; May 30.
- Piro, Louis, Philadelphia, Pa. Faucet. 1,935,815; Nov. 21.
- Piron, Fernand, Woonsocket, R. I. Yarn guide for a spinning machine. 1,894,962; Jan. 24.
- Piron, Fernand, Woonsocket, R. I. Spinning machine. 1,917,058; July 4.
- Pirone, Antonio L. M., Arnold, assignor of forty per cent to A. C. Bonnatti, four per cent to A. Dixon, four per cent to T. Dixon, and four per cent to R. Dixon, New Kensington, Pa. Ornamental device. 1,897,942; Feb. 14.
- Pirsch, Peter, assignor to Peter Pirsch and Sons Co., Kenosha, Wis. Pump pulsation reducing device. 1,893,685; Jan. 10.
- Pirsch, Peter, and Sons Co. (See Pirsch, Peter, assignor.)
- Pisano, Stellario, and J. Fardella, Brooklyn, N. Y. Vending machine. 1,899,478; Feb. 28.
- Pistocco, Vendope L., assignor to Economy Electric Ad Corporation, Fort Worth, Tex. Interchangeable electric sign. 1,914,161; June 13.
- Piston Research Corporation. (See Bramberry, Harry M., assignor.)
- Piston Ring Company, The. (See Johnson, Charles E., assignor.)
- Piston Ring Company, The. (See Porter, Jay E., assignor.)
- Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative sustaining blades or wings. 1,894,418; Jan. 17.
- Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative blades or wings. 1,908,177; May 9.
- Pitcairn, Harold F., Bryn Athyn, and A. E. Larsen, Huntingdon Valley, assignors to Autogiro Company of America, Philadelphia, Pa. Aircraft. 1,895,521; Jan. 31.
- Pitchford, Joseph L., Baudette, Minn. Growth clearing device. 1,897,820; Feb. 14.
- Pitkin, George P., Bergenfield, N. J., and C. W. Hooper, Sharon, Conn., assignors to H. A. Metz Laboratories, Inc., New York, N. Y. Reinforced, stable, and sterile aqueous protein preparations. 1,906,236; May 2.
- Pitman, Arthur L., Charleston, W. Va., assignor to Westvaco Chlorine Products, Inc., New York, N. Y. Stabilized trichlorethylene. 1,910,962; May 23.
- Pitman, Arthur L., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Stabilized solvent. 1,925,602; Sept. 5.
- Pitman, Henry L., Westfield, N. J., assignor to Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machines. 1,927,951; Sept. 26.
- Pitman, Henry L., Westfield, N. J., assignor to Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machine. 1,939,316; Dec. 12.
- Pitman, Richard W., Westfield, N. J., assignor to Auto-Shift Corporation, New York, N. Y. Controlling and actuating mechanism for motor vehicle transmissions. 1,927,789; Sept. 19.
- Pitmon, Earl L., et al. (See Crawford, Earl M., assignor.)
- Pitney-Bowes Postage Meter Co. (See Ogden, J. W., and Knauer, assignors.)
- Pitney-Bowes Postage Meter Co. (See Wheeler, Walter H., jr., assignor.)
- Pitney-Bowes Postage Meter Co. (See Wheeler, W. H., jr., and Ogden, assignors.)
- Pitt, Alma A., Chicago, Ill. Time interval indicating and recording apparatus. 1,936,208; Nov. 21.
- Pitt, Frederick D., Kansas City, Mo. Air circulating system. 1,936,914; Nov. 28.
- Pitt, Guy L., Wilson, N. C. Air brake equipment. 1,912,916; June 6.
- Pitter Trust. (See Pitter, Walter C., assignor.)
- Pitter, Walter C., Epping, England, assignor to The Pitter Trust, Chicago, Ill. Clutch. 1,895,678; Jan. 31.
- Pitter, Walter C., Epping, England, assignor to The Pitter Trust, Chicago, Ill. Variable speed transmission device. 1,937,127; Nov. 28.

- Pitter, Walter C., Epping, England, assignor to The Pitter Trust, Chicago, Ill. Spring clutch. 1,940,880; Dec. 26.
- Pitter, Walter C., London, England, assignor to Pitter Trust, Clutch. 1,902,375; Mar. 21.
- Pittman, George R., Wichita, Kans. Armrest. 1,904,800; Apr. 18.
- Pittman, Ralph R., Pine Bluff, Ark. Arc interrupter. 1,901,609; Mar. 14.
- Pittman, Ralph R., Pine Bluff, Ark. Arc interrupter. 1,927,614; Sept. 19.
- Pittman, Ralph R., Pine Bluff, Ark. Wood structure protective means. 1,928,820; Oct. 3.
- Pittman, Ralph R., Pine Bluff, Ark. Protective system for transmission lines. 1,937,166; Nov. 28.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Automatic fuse-changer. 1,894,056; Jan. 10.
- Pittman, Reinhart W. (See Devlin, D. D., and Pittman.)
- Pittman, Reinhart W., New York, N. Y. Combination salt and pepper shaker. 1,926,454; Sept. 12.
- Pittman, Robert H., Pittsburgh, Pa. Combination dish. Des. 89,791; May 2.
- Pittman, Robert H., Pittsburgh, Pa. Combination dish. Des. 91,084; Nov. 21.
- Pittman, Walter P. (See Ford, G. F., and Pittman.)
- Pitts, Charles A., San Francisco, Calif. Apparatus for conditioning dry matrices. 1,899,055; Feb. 28.
- Pitts, George B., Cleveland Heights, assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,930,486; Oct. 17.
- Pittsburgh Coal Carbonization Company. (See Illingworth, Stewart E., assignor.)
- Pittsburgh Coal Company. (See Lauder, William, assignor.)
- Pittsburgh Equitable Meter Company. (See Chrisman, H., and Kreidler, assignors.)
- Pittsburgh Equitable Meter Company. (See Chrisman, H., and Weymouth, assignors.)
- Pittsburgh Equitable Meter Company. (See McGaughey, John B., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Johnson, assignors.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Niesemann, assignors.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Weymouth, assignors.)
- Pittsburgh Equitable Meter Company. (See Weymouth, Harry G., assignor.)
- Pittsburgh Plate Glass Company. (See Boynton, Vern K., assignor.)
- Pittsburgh Plate Glass Company. (See Brasket, Robert M., assignor.)
- Pittsburgh Plate Glass Company. (See Burdett, C. F., and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Carlisle, Maurice E., assignor.)
- Pittsburgh Plate Glass Company. (See Clarke, Frank, assignor.)
- Pittsburgh Plate Glass Company. (See Dickey, Cromwell B., assignor.)
- Pittsburgh Plate Glass Company. (See Fisher, John M., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
- Pittsburgh Plate Glass Company. (See Fox, J. H., and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Frenkel, E. W., and Brust, assignors.)
- Pittsburgh Plate Glass Company. (See Galey, Henry J., assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharp, Frederick, assignor.)
- Pittsburgh Plate Glass Company. (See Gelstharp, F., and Sherts, assignors.)
- Pittsburgh Plate Glass Company. (See Gleichert, Harry W., assignor.)
- Pittsburgh Plate Glass Company. (See Halbach, Howard L., assignor.)
- Pittsburgh Plate Glass Company. (See Halbach, H. L., and Limbers, assignors.)
- Pittsburgh Plate Glass Company. (See Heichert, Herman S., assignor.)
- Pittsburgh Plate Glass Company. (See Hitchcock, Halbert K., assignor.)
- Pittsburgh Plate Glass Company. (See Hitner, Harry F., assignor.)
- Pittsburgh Plate Glass Company. (See Johnson, John F., assignor.)
- Pittsburgh Plate Glass Company. (See Koupal, Walter G., assignor.)
- Pittsburgh Plate Glass Company. (See Koupal, W. G., and Westall, assignors.)
- Pittsburgh Plate Glass Company. (See Lynn, George, assignor.)
- Pittsburgh Plate Glass Company. (See Lynn, G., Allen, and Beecher, assignors.)
- Pittsburgh Plate Glass Company. (See Lynn, G., and Miller, assignors.)
- Pittsburgh Plate Glass Company. (See Mertes, Robert G., assignor.)
- Pittsburgh Plate Glass Company. (See Nameche, Gus J., assignor.)
- Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
- Pittsburgh Plate Glass Company. (See Price, Robert J., assignor.)
- Pittsburgh Plate Glass Company. (See Redshaw, Joseph H., assignor.)
- Pittsburgh Plate Glass Company. (See Soderberg, Jacob, assignor.)
- Pittsburgh Reflector Company. (See Carr, James D., assignor.)
- Pittsburgh Research Corporation. (See Moore, William E., assignor.)
- Pittsburgh Research Corporation. (See Simpson, George L., assignor.)
- Pittsburgh Screw and Bolt Corporation. (See Dicks, Thomas A., assignor.)
- Pittsburgh Screw and Bolt Corporation. (See Kaufman, Charles, assignor.)
- Pittsburgh Screw and Bolt Corporation. (See McKee, James H., assignor.)
- Pittsburgh Steel Company. (See Edge, Walter S., assignor.)
- Pittsburgh Steel Drum Company. (See Black, George E., assignor.)
- Pittsburgh Steel Foundry Corporation. (See Allison, John, assignor.)
- Pittsburgh Tag Company. (See Magidson, Frank, assignor.)
- Pittsburgh Taximeter Company. (See Hennig, Fred, assignor.)
- Pix Theatres Inc. (See Clarke, John S., jr., assignor.)
- Pixley, Judson S., New York, N. Y., and M. Bender, Glen Ridge, N. J., assignors to Armspear Manufacturing Company, New York, N. Y. Lantern. 1,904,248; Apr. 18.
- Pixley, Merritt E., Clackamas County, Oreg. Guide for saw blades in wood sawing. 1,901,376; Mar. 14.
- Pizzi, Decio, Barcelona, Spain. Burner for heavy oil. 1,901,610; Mar. 14.
- Pizzini, Frank, San Antonio, Tex. Adjustable thrust bearing. 1,910,857; May 23.
- Placco, Oscar, Cranston, R. I., assignor to Cohn & Rosenberger, Inc. Brooch assemblage. 1,917,325; July 11.
- Place, Bion C. (See Gagnier, G. E., and Place.)
- Place, Bion C., assignor of one-half to George E. Gagnier, Detroit, Mich. Vehicle body trim panel. 1,893,104; Jan. 3.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Trim panel and making same. 1,896,200; Feb. 7.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 1,896,590; Feb. 7.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Panel foundation making. 1,899,823; Feb. 28.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels. 1,904,076; Apr. 18.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels. 1,904,077; Apr. 18.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Wall insert. 1,905,603; Apr. 25.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing garnish moldings. 1,906,884; May 2.
- Place, Samuel W., Norristown, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 1,926,173; Sept. 12.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 1,900,732; Mar. 7.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Radio apparatus. 1,917,898; July 11.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Wireless communication apparatus. 1,937,783; Dec. 5.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Radio receiving apparatus. 1,937,784; Dec. 5.
- Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Wireless communication apparatus. 1,937,785; Dec. 5.
- Placek, Adolph, New Orleans, La. Distilling and fractionating apparatus. 1,936,523; Nov. 21.
- Placek, Adolph, New Orleans, La. Conveying and distributing materials for process treatment. 1,936,524; Nov. 21.
- Placko, Steve F., jr., Chicago, Ill. Exhaust gas purifier. 1,897,912; Feb. 14.
- Pladson, Edgar, Flint, Mich. Post puller. 1,911,287; May 30.
- Plagens, Friedrich R., Berlin-Pankow, Germany. Bell ringing device. 1,927,901; Sept. 26.
- Plamondon, Arthur L., West Newton, Mass. Overseaming machine. 1,940,144; Dec. 19.
- Planck, Erik G. (See Jansa, O. V. E., and Planck.)
- Plane, Frank W. (See Tada, Manabu, assignor.)
- Planert, F. W. & Sons, Inc. (See Planert, G. R., and Mitchell, assignors.)
- Planert, George R., and W. F. Mitchell, assignors to F. W. Planert & Sons, Inc., Chicago, Ill. Skate sharpening jig. 1,926,404; Sept. 12.
- Planiol, René J. H., Paris assignor to Etablissements Ed. Jaeger, Levallois-Perret, France. Speed indicator. 1,903,685; Apr. 11.
- Plank, Joseph J., Appleton, Wis. Dandy roll. 1,915,759; June 27.

- Plansoen, Louis M., Garfield, N. J. Table cover and protector. 1,913,287; June 6.
- Plant, Hendricus, Wassenaar, Netherlands. Treatment of plants, parts of plants, and raw fibers. 1,918,558; July 18.
- Plant, John H. G., Spondon, near Derby, England, assignor to Celanese Corporation of America. Catalytic process for the production of aliphatic acids and their esters. 1,909,630; May 16.
- Plant, R. A., and M. E. Brooks, assignors to The Dow Chemical Company, Midland, Mich. Molding composition and treating. 1,902,419; Mar. 21.
- Plante, Gordon V., assignor to National Paper Company, Atlanta, Ga. Automatic tube cutting machine. 1,925,498; Sept. 5.
- Plante, Levi N., assignor to Progressive Tool & Die Company, Incorporated, Worcester, Mass. Holder for tags, etc. 1,922,900; Aug. 15.
- Planters Manufacturing Company. (See Hargroves, Willis W., assignor.)
- Plantinga, Peter, assignor to Greenfield Tap & Die Corporation, Greenfield, Mass. Cross feeding mechanism for grinding machines. 1,929,214; Oct. 3.
- Plastaras, James C., assignor to Mergenthaler Linotype Company, Laurelton, N. Y. Machine for trimming the printing faces of type bars or slugs. 1,934,140; Nov. 7.
- Plasterer, Bifel G., Huntington, Ind. Educational device. 1,912,094; May 30.
- Plastic-Craft Novelty Company. (See Oulton, Charles B., assignor.)
- Plastic Products, Inc. (See Randall, George M., assignor.)
- Plastix Corporation. (See Meigs, Joseph V., assignor.)
- Platinum Products Corporations. (See Schmitt, George P., assignor.)
- Platt, Arthur L., Fairfield, Conn. Implement holder. 1,906,874; May 2.
- Platt Bros. & Company. (See Harvey, L. S., and Hart, assignors.)
- Platt Brothers and Company Limited. (See Wilkinson, H., and Roe, assignors.)
- Platt, Charles C., New York, N. Y. Package. 1,913,950; June 13.
- Platt, Harry A., assignor to General Motors Corporation, Detroit, Mich. Adjustable sun visor. 1,903,132; Mar. 23.
- Platt, Haviland H. (See Wuelfel, W., and Platt.)
- Platt, Herbert. (See Dreyfus, C., and Platt.)
- Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Delustering fabric and product thereof. 1,940,730; Dec. 26.
- Platt, Herbert, and C. M. Croft, Cumberland, Md., assignors to Celanese Corporation of America. Fabric and producing the same. 1,897,712; Feb. 14.
- Platt, John H., Evanston, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Display rack. 1,918,056; July 11.
- Platte, Rudolf. (See Ehlenbeck, A., and Platte.)
- Platter, Orval R., et al. (See Bauch, William H., assignor.)
- Platz, Elwood T., Detroit, Mich. Control device for automotive vehicles. 1,912,592; June 6.
- Platz, Karl. (See Daimler, K., and Platz.)
- Platz, Karl. (See Steindorf, A., Daimler, and Platz.)
- Platzer, George E., Schenectady, N. Y., assignor to General Electric Company. Electrically operated weighing scale. 1,923,745; Aug. 22.
- Platzner, Eugene, Cleveland, Ohio. Garment. Des. 89,972; May 23.
- Plausics, Alexander, Bronx, assignor to The Western Union Telegraph Company, New York, N. Y. Drag conveyer discharge. 1,919,169; July 18.
- Plauson, Hermann, assignor, by mesne assignments, to Radiochemisches Forschungs-Institut, G. m. b. H., Darmstadt, Germany. Manufacture of caoutchouc lacquers or varnishes. 1,900,663; Mar. 7.
- Plauson, Hermann, assignor to Radiochemisches Forschungs-Institute, G. m. b. H., Darmstadt, Germany. Apparatus for the preparation of semicolloids and uniform colloids. 1,923,013; Aug. 15.
- Player, Sydney. (See Indge, H. S., and Player.)
- Player, Sydney, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 1,908,048; May 9.
- Player, Sydney, and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Crank shaft lapping machine. 1,913,854; June 13.
- Plebanski, Jozef, Warsaw, Poland, assignor to Radio Corporation of America, New York, N. Y. Beam receiving system by frequency multiplication. 1,935,375; Nov. 14.
- Plechl, Otto. (See Latzko, J., and Plechl.)
- Pléis, Walter H., Ludington, Mich. Fruit squeezer. Des. 89,057; Jan. 17.
- Pléis, Walter H., Ludington, Mich. Bathroom fixture bracket. Des. 91,178; Dec. 12.
- Plesch, Johann, Berlin, Germany. Oscillographs. 1,906,806; May 2.
- Plessey Company, Limited, The. (See Heyne, W. O., and Packman, assignors.)
- Plews, William J. (See Hutchinson, William S., assignor.)
- Plibrico Jointless Firebrick Company. (See Anderson, John E., assignor.)
- Plibrico Jointless Firebrick Company. (See Wiley, Roger F., assignor.)
- Plies, Heinrich, Wetzlar, assignor to Ernst Leitz, Optische Werke, Wetzlar, Thuringia, Germany. Epdiascope. 1,904,695; Apr. 18.
- Plimpton, Bentley A., assignor to Locke Insulator Corporation, Baltimore, Md. Making insulator caps. 1,902,310; Mar. 21.
- Plimpton, Bentley A., and K. A. Hawley, assignors to Locke Insulator Corporation, Baltimore, Md. Insulator pin. 1,912,007; May 30.
- Plint, Joseph. (See Gurtin, W. S., Plint, and Nyberg.)
- Pliskher, Herbert E., Flushing, N. Y., assignor to Westinghouse Lamp Company. Combined lamp container and reflector. 1,933,338; Oct. 31.
- Plisic, Bert H., Cleveland, Ohio. Electrical socket device. 1,901,470; Mar. 14.
- Plöck, Albert F., Niagara Falls, N. Y. Making stainless steel. 1,924,804; Aug. 29.
- Ploeger, Clyde E. (See Collins, W. D., and Ploeger.)
- Ploeger, Clyde E., Evansville, Ind., assignor to Serval, Inc., New York, N. Y. Unloader valve. 1,912,463; June 6.
- Ploeger, Clyde E., A. E. Burgess, and W. A. Kuenzli, Evansville, Ind., assignors to Serval Inc., New York, N. Y. Motor compressor unit. 1,910,498; May 23.
- Ploen, Curtis W., assignor to The Okadee Company, Chicago, Ill. Blow-off muffler. 1,917,542; July 11.
- Ploen, Curtis W., assignor to Viloco Railway Equipment Co., Chicago, Ill. Valve. 1,926,790; Sept. 12.
- Plotkin, Oscar H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Traveling case. 1,908,178; May 9.
- Plotkin, Oscar H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Luggage. 1,917,458; July 11.
- Plotkin, Samuel, Freeport, N. Y. Automatic back-roll check. 1,907,574; May 9.
- Plumb, Edward F., New Milford, Conn. Windshield heater. 1,906,807; May 2.
- Plumb, Ervin F. (See Ogden, Dana P., assignor.)
- Plumb, Walter G., Glen Rock, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Machine for applying solder to cans. 1,941,045; Dec. 26.
- Plumley, Stuart, assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Portable acetylene generator. 1,914,162; June 13.
- Plummer, Herbert L., and D. L. Irwin, High Holborn, London, England. Construction of roofing, partitions, and the like. 1,904,080; Apr. 18.
- Plummer, Herbert L., and D. L. Irwin, London, England. Construction of roofings, partitions, and the like. 1,938,496; Dec. 5.
- Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Polymerization. 1,940,227; Dec. 19.
- Plumpton, Earl F., San Mateo, Calif. Safety grip for ladders. 1,927,469; Sept. 19.
- Plumstead, Joseph E., Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa. Producing puffed pulp. 1,921,371; Aug. 8.
- Plunkett, John A. (See Kinzie, C. J., and Plunkett.)
- Plunkett, John H., Beverly Hills, Calif., assignor to The Patent and Licensing Corporation, Boston, Mass. Roll roofing package. 1,901,356; Mar. 14.
- Plunkett, John J., Boston, Mass. Target. 1,896,591; Feb. 7.
- Pluschweberei Greifath Aktiengesellschaft. (See Heidel, Kurt, assignor.)
- Plutino, Nicola C., Welland, Ontario, Canada. Automatic airplane and dirigible control apparatus. 1,904,801; Apr. 18.
- Plykrome Corporation, The. (See Maskrey, Alfred E., assignor.)
- Plym, Francis J., Niles, Mich. Burial casket handle. 1,933,637; Nov. 7.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Ventilator bracket. 1,914,728; June 20.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Window construction. 1,925,817; Sept. 5.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 1,926,647; Sept. 12.
- Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Threshold. 1,936,641; Nov. 28.
- Plymouth Cordage Company. (See Gates, Bernard W., assignor.)
- Pneu-Hydro Road Machinery Company. (See Price, Harvey E., assignor.)
- Pneuman, James I., Camillus, N. Y. Animal trap. 1,900,733; Mar. 7.
- Pneumatic Conveyance & Extraction (1929) Limited. (See Smith, William A., assignor.)
- Pneumatic Drop Hammer Company. (See Fitzgerald, William H. J. and R. P., assignors.)
- Pneumatic Indicator Company. (See Swezey, Joel L., assignor.)
- Pneumatic Scale Corporation. (See Everett, Arthur C., assignor.)
- Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
- Pneumatic Scale Corporation, Limited. (See Cleaves, William S., assignor.)
- Pneumatic Scale Corporation Limited. (See Howard, Stanley R., assignor.)
- Pneumatic Tire Inflating Devices Corporation. (See White, Ellis E., assignor.)
- Pneumatic Tube Supply Co. of Delaware. (See Needham, John T., assignor.)
- Pneumercator Company. (See Thomas, William, assignor.)
- Poberejsky, Jacques, Bois-Colombe, France, assignor to "Superflexit." Fluid-conductive hose. 1,901,330; Mar. 14.

- Pobjoy, Douglas R., Maicotte, England. Connecting rod assembly. 1,908,787; May 16.
- Pocock, Lyndall C., B. Blackburn, and J. Turton, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone transmitter. 1,915,381; June 27.
- Pocock, Merton A., et al. (See Sager, Lee R., assignor.)
- Podbielniak, Walter J., Tulsa, Okla. Insulated jacket for distillation apparatus. 1,909,315; May 16.
- Podbielniak, Walter J., Tulsa, Okla. Analytical fractionating column. 1,917,272; July 11.
- Podbielniak, Walter J., Tulsa, Okla. Double walled container. 1,935,888; Nov. 21.
- Podd, Ernest A., Houston, Tex. Spreader clamp. 1,905,051; Apr. 25.
- Podmore, Arthur, London, England, assignor to American Machine & Foundry Company. Cigarette machine feed. 1,907,575; May 9.
- Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Sharpening apparatus for rotary cutters. 1,933,184; Oct. 31.
- Podmore, Arthur, London, England, assignor to American Machine & Foundry Company. Cigarette tobacco feeding method and machine. 1,935,665; Nov. 21.
- Podolsky, Jacob, Dorchester, Mass. Valve. 1,905,499; Apr. 25.
- Podrabsky, Antonin, assignor to Ceskoslovenska Zbrojovka Akciová Společnost V. Brne, Brunn, Czechoslovakia. Automatic gun. 1,926,816; Sept. 12.
- Podrabský, Antonin, Brunn-Zabrdovice, assignor to the Firm Ceskoslovenská zbrojovka akciová společnost v. Brně, Brunn, Czechoslovakia. Multistamping machine. 1,926,985; Sept. 12.
- Poe, Fred M., Suffern, assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Coating material for casting molds. 1,901,409; Mar. 14.
- Poe, Fred M., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe mold. 1,912,655; June 6.
- Poe, Fred M., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Casting mold. 1,920,020; July 25.
- Poegel, Emil, Newark, N. J. Coating for buildings and making same. 1,901,410; Mar. 14.
- Poehlman, Herbert W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,901,668; Mar. 14.
- Poen, Ontje, Matheson, Colo. Harvesting machine. 1,928,868; Oct. 3.
- Poepfelmeyer, Frank H., Dayton, assignor by mesne assignments to Set-O-Type Manufacturing Company, Cleveland, Ohio. Forming metal type tubes. 1,920,275; Aug. 1.
- Poeschl, Rudolf. (See Poeschl, Wilhelm and R., and Roth.)
- Poeschl, Wilhelm, Rohrbach, and R. Poeschl and W. Roth, Vienna, assignors to the Firm of Rohrbacher Lederfabrik Josef Poeschl's Sohne A. G., Rohrbach, Austria. Suction chest facing for paper machines and manufacturing the same. 1,938,637; Dec. 12.
- Poet, Robert D., Altoona, Pa. Trapped dust transfer device. 1,936,262; Nov. 21.
- Poeter, E. & Co. (See Poeter, Edward, assignor.)
- Poeter, Edward, assignor to E. Poeter & Co., Irvington, N. J. Hand bag frame and latch means therefor. 1,907,865; May 9.
- Poeter, Edward, assignor to E. Poeter & Co., Inc., Irvington, N. J. Latch device for hand bags and the like. 1,907,866; May 9.
- Poeton, Lawrence, assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,918,982; July 18.
- Poffenberger, Noland. (See Putnam, S. W., and Poffenberger.)
- Poggel, George E., assignor to Advance Manufacturing Company, Louisville, Ky. Dehumidifier. 1,920,914; Aug. 1.
- Poggel, George E., assignor to Advance Manufacturing Company, Louisville, Ky. Dehumidifier. 1,920,915; Aug. 1.
- Poglein, Louis, assignor to McKee Glass Company, Jeanette, Pa. Mold for glassware. 1,908,861; May 16.
- Pogue, Charles N., Norwood, Manitoba, Canada. Carburetor. 1,938,497; Dec. 5.
- Pogue, Robert B., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,907,573; May 9.
- Pogue, Robert B., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe mounting. 1,924,376; Aug. 29.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,912,656; June 6.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Brake shoe reinforcement. 1,916,387; July 4.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe manufacture. 1,921,836; Aug. 8.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,921,837; Aug. 8.
- Pogue, Robert B., Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,921,838; Aug. 8.
- Polhola, Tony A., assignor of one-half to M. Kautto, Los Angeles, Calif. Traffic signal switch for motor vehicles. 1,913,855; June 13.
- Pohl, Charles, assignor to M. P. Hannin, Los Angeles, Calif. Control head. 1,940,698; Dec. 26.
- Pohl, Ernst. (See Gerschlueter, F., and Pohl.)
- Pohl, Ernst, Kiel, Germany. Supporting frame for Röntgen ray apparatus. 1,897,177; Feb. 14.
- Pohl, Franz. (See Kollek, L., and Pohl.)
- Pohl, Franz. (See Zschimmer, B., and Pohl.)
- Pohl, Gustav, Berlin-Wilmersdorf, Germany. Tractor wheel. 1,929,850; Oct. 10.
- Pohl, Theodor, Wriezen (Oder), assignor to Frida Franke, Berlin-Wilmersdorf, Germany. Electrical transformer for special purposes. 1,896,328; Feb. 7.
- Pohn, Franz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of driers for varnishes, lacquers, oil paints, and the like. 1,900,734; Mar. 7.
- Poindexter, Raleigh B., Toledo, Ohio. Heating installation. 1,941,020; Dec. 26.
- Poinier, Arthur B., and M. J. Hanson, Oak Park, assignors to Electra Corporation, Chicago, Ill. Amusement machine cabinet. Des. 89,973; May 23.
- Poinier, Arthur B., and M. J. Hanson, Oak Park, assignors to Electra Corporation, Chicago, Ill. Amusement machine cabinet. Des. 89,974; May 23.
- Poinier, Arthur B., and M. J. Hanson, Oak Park, assignors to Electra Corporation, Chicago, Ill. Amusement machine cabinet. Des. 90,728; Sept. 19.
- Pointon, John E., Peterborough, assignor to Baker Perkins, Limited, London, England. Laundry ironing and like machine. 1,936,027; Nov. 21.
- Point-O-Purchase Company. (See Easterday, H., and Goodloe, assignors.)
- Point-O-Purchase Company. (See Giugnon, Emile S., jr., assignor.)
- Poirier, Ernest, Waterville, Maine. Weight regulating apparatus for paper stock. 1,939,411; Dec. 12.
- Poirier, Ernest, assignor of twenty-five one-hundredths to J. W. Stobie, Waterville, Me. Paper making process and machine. 1,893,678; Jan. 10.
- Poirot, Eugene M., Poirot Farms, Mo., assignor to Arthur Capper, trustee, Kansas. Preparing artificial manures. 1,900,614; Mar. 7.
- Poirot, Eugene M., Poirot Farms, Mo., assignor to Arthur Capper, trustee, Kansas. Machine for preparing artificial manures. 1,900,615; Mar. 7.
- Poke, Ernest B., Madras, British India. Closure for metal drums or the like. 1,919,597; July 25.
- Pokorney, Joseph, Baltimore, Md. Quick detachable lamp. 1,898,493; Feb. 21.
- Pokorny, Max. (See Oliver D., and Pokorny.)
- Pol, John B., assignor to Jacobsen Manufacturing Company, Racine, Wis. Transport for lawn mowers. 1,932,086; Oct. 24.
- Polak, Holland R., St. Louis, Mo. Game. 1,903,133; Mar. 28.
- Polakoff, George G., assignor of one-fourth to H. E. Kirkpatrick, Los Angeles, Calif. Automatic phonograph. 1,925,402; Sept. 5.
- Polcer, Frank J., Cicero, Ill. Faucet. Des. 90,679; Sept. 12.
- Polcini, Ralph, New York, N. Y. Carrier terminal. 1,898,212; Feb. 21.
- Pole, Ernestine N., Hot Springs, Va. Flower holder. 1,916,583; July 4.
- Poley, Morris, Larchmont, assignor to Bear Mill Manufacturing Company, Inc., New York, N. Y. Textile fabric. Des. 90,337; July 18.
- Polgoli, Vittorio, and G. Parravicini, Milan, Italy. Control apparatus for the trolley pole of tramway cars and the like. 1,913,896; June 13.
- Polhemus, Charles B., San Jose, Calif. Header board stake. 1,921,302; Aug. 8.
- Poli, Glauco, New York, N. Y. Dishwashing device. 1,897,821; Feb. 14.
- Polin, Franz. (See Schrader, C., Keinath, Polin, and Ritz.)
- Polin, Herbert S., San Francisco, Calif., assignor to International Radiophone Corporation, Washington, D. C. Radio telephony. 1,917,995; July 11.
- Polin, Herbert S., San Francisco, Calif., assignor to Polin, Inc., New York, N. Y. Filament activating means. 1,940,184; Dec. 19.
- Polin, Inc. (See Polin, Herbert S., assignor.)
- Poling, Harry A., assignor of one-fourth to F. E. Symmonds, Kenosha, Wis. Grinding and polishing attachment for rolling mills. 1,904,885; Apr. 18.
- Polis, Max. (See Eckstein, R., and Polis.)
- Polk, Henry H., Jr., Des Moines, Iowa. Fountain pen. 1,926,405; Sept. 12.
- Poll, George, sr., New York, N. Y. Infant incubator. 1,914,288; June 13.
- Poll, Ray, Chicago, Ill. Ironing board. 1,909,891; May 16.
- Pollack, Walter. (See Young, A. M., and Pollack.)
- Pollak, Abraham, Far Rockaway, N. Y. Weighing scale. 1,895,863; Jan. 31.
- Pollak, Fritz, and W. Kraus, Vienna, Austria, assignors, by mesne assignments, to Synthetic Plastics Company, Incorporated, New York, N. Y. Manufacture of compositions capable of being molded. 1,935,411; Nov. 14.
- Pollak, Joseph. (See Averill, William H., assignor.)

- Pollak, Leopold, Aussig-on-Elbe, Czechoslovakia, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthetic tanning material and producing same. 1,912,593; June 6.
- Pollard, Edward V. (See Warner, D. F., and Pollard.)
- Pollard, Edward V., Lynn, and A. D. Somes, East Lynn, Mass., assignors to General Electric Company. Elastic fluid turbine. 1,894,117; Jan. 10.
- Pollard, Leon G., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Self-biasing relay circuit. 1,911,133; May 23.
- Pollard Machinery Company. (See Evans, Harold, assignor.)
- Pollard, Oscar H. (See Pollard, Robert F. and O. H.)
- Pollard, Robert F. and O. H., Indianapolis, Ind. Educational apparatus. 1,932,909; Oct. 31.
- Pollasch, Ruth J. (See Davis, Walter K., assignor.)
- Polley, Frank G., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Press plate or the like and making the same. 1,929,824; Oct. 10.
- Polleys, Herbert R., New Haven, Conn., assignor to National India Rubber Company, Bristol, R. I. Shoe tip and heel pressing machine. 1,904,166; Apr. 18.
- Pollett, George P. (See Brownson, H. W., Nimmo, and Pollett.)
- Pollock, Benjamin H. (See Sheard, J. H., and Pollock.)
- Pollock, Benjamin H., Jenkintown, and J. H. Sheard, assignors to David Lupton's Sons Company, Philadelphia, Pa. Window. 1,897,010; Feb. 7.
- Pollock, Porter, and C. A. Wills, assignors to The William B. Pollock Company, Youngstown, Ohio. Ladle structure. 1,929,607; Oct. 10.
- Pollock, Robert T., Cambridge, Mass., assignor to Universal Oil Products Company, Chicago, Ill. Process and apparatus for treating oils. 1,901,931; Mar. 21.
- Pollock, Robert T., assignor to W. S. Gluck, New York, N. Y. Treatment of reaction process apparatus. 1,941,271; Dec. 26.
- Pollock, William B., Company, The. (See De Fries, Walter, assignor.)
- Pollock, William B., Company, The. (See Pollock, P., and Wills, assignors.)
- Pollopas Limited. (See Ostersetzer, A., and Riesenfeld, assignors.)
- Polo, Luigi, Geneva, Switzerland. Evacuating and ventilating device for a water-closet. 1,909,717; May 16.
- Polsen, Samuel D., and S. H. Nelson, Bridgeport, Conn. Coin checking means and method. 1,910,963; May 23.
- Polydoroff, Vladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio-amplifying circuits. 1,940,228; Dec. 19.
- Polygon Products Company. (See Cabot, Samuel, assignor.)
- Polysius, G., Aktiengesellschaft. (See Goebels, Paul, assignor.)
- Polzer, Fridolin, South Norwalk, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Tacking machine. 1,905,241; Apr. 25.
- Polzer, Fridolin, South Norwalk, assignor to E. H. Hotchkiss Company, Norwalk, Conn. Tacking machine. 1,936,915; Nov. 28.
- Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
- Pomeroy, J. E., et al. (See Badgett, James L., assignor.)
- Pomeroy, John H., Bellevue, Wash. Apparatus for constructing large hangars. 1,935,990; Nov. 21.
- Pomeroy, Laurence H., and A. Blundell, assignors to The Daimler Company Limited, Coventry, England. Power transmission mechanism. 1,914,289; June 13.
- Pomeroy, Roy J., Los Angeles, Calif. Modification of sound records. 1,923,746; Aug. 22.
- Pomeroy, Roy J., and C. V. Olson; said Olson assignor to Paramount Publix Corporation, Los Angeles, Calif. Automatic clutch trip for film drives. 1,928,434; Sept. 26.
- Pomeroy, S. H., Company. (See Fien, Alphonsus, assignor.)
- Pomeroy, William D., assignor to Goulds Pumps, Incorporated, Seneca Falls, N. Y. Lubricating system. 1,900,735; Mar. 7.
- Pomery, Joseph G. (See Hawkins, G. C., Pomery, and Fiedler.)
- Pommer, Ernesto J., Moron, Argentina. Automobile radiator. 1,902,044; Mar. 21.
- Pomona Products Company. (See Smith, John R., assignor.)
- Ponce, Lucien G., Parnassus, assignor to Allegheny Steel Company, Brackenridge, Pa. Pipe thread protector. 1,906,093; Apr. 25.
- Poncelet, Eugene F., Toronto, Ontario, Canada. Torsional constant-mesh power transmission. 1,910,180; May 23.
- Pond, E. K., Company. (See Brown, Leo C., assignor.)
- Ponder, R. E., et al. (See Jacobi, Arthur W., assignor.)
- Pongiluppi, Mario, Serravalle Po, Mantua, Italy. Resilient wheel. 1,898,142; Feb. 21.
- Pongratz, Alfred, Graz, Austria, assignor to Felice Bensa, Genoa, Italy. Manufacturing perylene tetracarboxylic acid anhydride. 1,917,153; July 4.
- Pongratz, Alfred, and A. Zinke, Graz, Austria, assignors to Felice Bensa, Genoa, Italy. Manufacturing vat dye-stuffs of the perylene series. 1,903,708; Apr. 11.
- Pongratz, Emmerich. (See Drexler, F., and Pongratz.)
- Poniatoff, Alexander M., Philadelphia, Pa., assignor to General Electric Company. Electrical apparatus. 1,919,074; July 18.
- Ponselle, Robert A., New York, N. Y. Vacuum cleaner. 1,918,713; July 18.
- Ponselle, Robert A., New York, N. Y. Sanding machine. 1,934,088; Nov. 7.
- Ponte Maurice, assignor to La Radiotechnique, Paris, France. Electronic discharge tube. 1,930,563; Oct. 17.
- Ponten, Jean S., Piedmont, and O. W. Ponten, Berkeley, Calif. Adjustable reading table. 1,938,638; Dec. 12.
- Ponten, Olaf W. (See Ponten, Jean S. and O. W.)
- Ponti, Louis J., and A. Goede, Chicago, Ill. Brake cable. 1,927,615; Sept. 19.
- Ponting, Herbert G., and G. W. Ford, London, England, assignors, by mesne assignments, to Kinatome Patents Corporation. Cinematographic apparatus. 1,932,421; Oct. 31.
- Ponton, Richard, Central Falls, R. I. Shoulder strap. 1,894,888; Jan. 17.
- Pontonnier, Georges E. M., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variable condenser. 1,931,677; Oct. 24.
- Pontoppidan, Carl, Holte, Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Fine grinding of cement material. 1,904,523; Apr. 18.
- Pontow, Werner, Berlin-Wilmersdorf, Germany, assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,924,377; Aug. 29.
- Pontow, Werner, Berlin-Wilmersdorf, W. Abendroth and Günther Schroeder, Berlin-Charlottenburg, Germany, and K. A. Mayr, New York, N. Y., assignors to Siemens-schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Fluid operated control device. 1,918,424; July 18.
- Pooch, Louis F. (See Syme, Charles R., assignor.)
- Pooch, Oscar M. (See Mullen, T. J., and Powell, assignors.)
- Pooch, Oscar M. (See Powell, Willard C., assignor.)
- Pool, Marvin G., Valparaiso, Ind. Game apparatus. 1,928,572; Sept. 26.
- Pool, Warren R., Lincoln, Nebr. Cream remover. 1,923,640; Aug. 22.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Twisting of yarns, threads, or filaments. 1,910,052; May 23.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Loom having a stationary weft supply. 1,918,288; July 18.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Loom having a stationary weft supply. 1,921,396; Aug. 8.
- Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Loom having stationary weft supplies. 1,925,336; Sept. 5.
- Poole, Alexander D., Nashua, N. H., assignor to Poole Rotary Valve Engine Co., Boston, Mass. Internal combustion engine. 1,912,497; June 6.
- Poole, Arthur B. (See Ingraham, D. S., and Poole.)
- Poole, Arthur F., Ithaca, N. Y. Recording meter. 1,920,479; Aug. 1.
- Poole, Arthur F., Ithaca, N. Y. System and method for indicating time. 1,928,793; Oct. 3.
- Poole, Arthur F., Ithaca, N. Y. System for indicating time. 1,928,794; Oct. 3.
- Poole, Arthur F., Ithaca, N. Y. Electric clock. 1,937,529; Dec. 5.
- Poole, Foster M., Kansas City, Mo., assignor to The Brown Instrument Company, Philadelphia, Pa. Heater control system. 1,893,635; Jan. 10.
- Poole, Francis A., Cleveland, Ohio. Shoring device. 1,920,433; Aug. 1.
- Poole, James E. (See Walliser, G. F., and Poole.)
- Poole, Lora E., assignor to Delco-Remy Corporation, Anderson, Ind. Groove cutting machine. 1,907,576; May 9.
- Poole, Lora E., assignor to Delco-Remy Corporation, Anderson, Ind. Commutator reaming machine. 1,933,149; Oct. 31.
- Poole Rotary Valve Engine Co. (See Poole, Alexander D., assignor.)
- Poole, Trew F., et al. (See Roth, William A., assignor.)
- Poor, Frederic H., Yonkers, N. Y., assignor, by mesne assignments, to Bucyrus-Erie Company, South Milwaukee, Wis. Power unit. 1,911,465; May 30.
- Pope Appliance Corporation. (See McCarthy, P. N., and Masson, assignors.)
- Pope, Arthur D., Ottawa, Ontario, Canada, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,908,443; May 9.
- Pope, Arthur W., Jr., Waukesha, Wis., assignor to Waukesha Motor Company. Internal combustion engine. 1,907,663; May 9.
- Pope, Daniel K., Cleveland, Ohio. Making fabric reinforced rubber articles. 1,909,892; May 16.
- Pope, Daniel K., Cleveland, Ohio. Spring lubricating device. 1,925,337; Sept. 5.
- Pope, Edwin, Quebec, Quebec, Canada. Typewriter. 1,914,524; June 20.
- Pope, Elmer R., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the heel-portion of shoes. 1,895,896; Jan. 31.
- Pope, Elmer R., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 1,921,097; Aug. 8.

- Pope, Elton A., Oakville, assignor to The Chase Companies, Incorporated, Waterbury, Conn. Waste and overflow fitting. 1,901,118; Mar. 14.
- Pope, Frank B. (See MacDonald, James E., assignor.)
- Pope, Fred W. (See Wood, Edward B., assignor.)
- Pope, Howard L., Blue Ash, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Multiple spindle continuous milling machine. 1,936,263; Nov. 21.
- Pope Machinery Corporation. (See Howard, Merton W., assignor.)
- Pope Machinery Corporation. (See Staples, J. W., and Brooks, assignors.)
- Pope, William S., River Junction, Fla. Windmill. 1,939,317; Dec. 12.
- Popham, John C., et al. (See Dare, Samuel T., assignor.)
- Popham, John C., et al. (See Edwards, James H., assignor.)
- Popkin, Martin E., New York, N. Y. Pneumatic massaging and cleansing machine. 1,914,290; June 13.
- Popkin, William B., Brooklyn, N. Y. Bleaching fur skins. 1,940,768; Dec. 26.
- Poplawski, Stephen J., Racine, Wis. Mixing cup. 1,927,184; Sept. 19.
- Poplawski, Stephen J., Racine, Wis. Drink mixer. 1,934,445; Nov. 7.
- Poplin, Robert T., and W. H. Bone, Kansas City, Mo.; said Poplin assignor of one-fourth to M. S. Murray, Jackson County, and one-eighth to W. H. Bone, and one-eighth to E. Bernard, Kansas City, Mo. Moistureproof terminal lug protector. 1,937,715; Dec. 5.
- Popov, Vladimir D., Prague, Czechoslovakia. Conveying device. 1,926,914; Sept. 12.
- Popp, Rudolf, Valparaiso, Ind., assignor to McGill Manufacturing Company. Switch movement. 1,894,282; Jan. 17.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch mechanism. 1,904,927; Apr. 18.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch-mounting bracket. 1,930,444; Oct. 10.
- Popp, Sylvan R., assignor to O. B. McClintock Company, Minneapolis, Minn. Gun port for bullet-resisting structures. 1,900,364; Mar. 7.
- Popp, William J., Loudonville, N. Y. Bottle. Des. 90,047; May 30.
- Pope, Erling, Shalford, England. Brake. 1,922,778; Aug. 15.
- Pope, George W., Brooklyn, N. Y. Striker bar for bag machines. 1,904,078; Apr. 18.
- Pope, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Paper bag construction. 1,895,267; Jan. 24.
- Pope, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Long lip bag with folded-in flap. 1,932,749; Oct. 31.
- Poppenhaefer, Henry. (See Heckersdorf, W., and Poppenhaefer.)
- Popper, Julius S. (See Andrews, J. P., and Popper.)
- Popper, Max, New York, N. Y. Ventilating strip for hats and the like. 1,895,392; Jan. 24.
- Popper, Max, Brooklyn, N. Y. Pinking attachment for sewing machines. 1,922,453; Aug. 15.
- Popsicle Corporation of the United States, The. (See Oprean, Sabin, assignor.)
- Popular Mechanics Co. (See Wilson, Edwin L., assignor.)
- Porcelain Tile Corporation. (See Grigsby, Owen E., assignor.)
- Porcelain Tile Corporation. (See Grigsby, O. E., and Ellithorpe, assignors.)
- Porcelain Tile Corporation. (See Haines, George D., assignor.)
- Porcelain Tile Corporation. (See Spencer, Herbert R., assignor.)
- Porcelli, Alfonso, Brooklyn, N. Y. Automobile brake mechanism and safety device. 1,939,519; Dec. 12.
- Porcello, Raphael, Richmond Hill, N. Y. Aeroplane. 1,927,753; Sept. 19.
- Porcello, Raphael, Richmond Hill, N. Y. Wheel spring device. 1,938,498; Dec. 5.
- Porgee, George M., Orange, N. J., assignor to Kaumagraph Company, New York, N. Y. Carton and retaining device. 1,911,968; May 30.
- Portiz, Frederick M., assignor to Artistic Brass & Bronze Works, Inc., New York, N. Y. Lighting fixture head or similar article. Des. 91,213; Dec. 19.
- Porreca, Dominick, Atlanta, Ga. Trousers protector. 1,924,512; Aug. 29.
- Portable Adding Machine Company. (See Barrett, Glenn J., assignor.)
- Portable Light Co., The. (See McRea, John S., assignor.)
- Porte, Pierre, Viroflay, France. Wrench. 1,921,322; Aug. 8.
- Porte, Pierre, Viroflay, France. Wrench. 1,921,980; Aug. 8.
- Porte, René, assignor to Société Hardoll (Etablissements Hariveau & Dolimier, et René Porte & Cie Reunis), Levallois-Perret, France. Liquid measuring device. 1,898,891; Feb. 21.
- Porte, René, assignor to Societe Hardoll (Etablissements Hariveau & Dolimier et René Porte & Cie Reunis) Levallois-Perret, France. Automatic device for measuring and delivering liquids. 1,906,177; Apr. 25.
- Porter, Alexander W., Atlantic City, N. J. Building front. Des. 89,409; Mar. 7.
- Porter-Cable Machine Company, The. (See Emmons, Arthur N., assignor.)
- Porter, Clarence H., Washington, D. C. Sound picture projection. 1,932,600; Oct. 31.
- Porter, David M., Hopkinsville, Ky. Punting machine. 1,905,352; Apr. 25.
- Porter, Dewey E., Finley, N. Dak. Gas engine temperature control. 1,931,356; Oct. 17.
- Porter, Donald A. (See Porter, Irving J., D. A., and F. A.)
- Porter, Edgar E., Charlotte, N. C. Vaporizing system for commercial liquefied hydrocarbons. 1,917,154; July 4.
- Porter, Edwin S., New York, N. Y. Replaceable film magazine for motion picture cameras. 1,914,214; June 13.
- Porter, Frank, Syracuse, N. Y., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for the manufacture of benzol and valuable by-products from a gas containing either butane, propane, or ethane or portions of each. 1,895,086; Jan. 24.
- Porter, Frank, Syracuse, assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Synthetic production of compounds. 1,931,678; Oct. 24.
- Porter, Franklin, and J. E. Harry, Chicago, Ill. Safety razor. 1,940,563; Dec. 19.
- Porter, Fred A. (See Porter, Irving J., D. A., and F. A.)
- Porter, George G., assignor to Globe Slicing Machine Co., Inc., New York, N. Y. Slicing machine. 1,893,905; Jan. 10.
- Porter, George H. (See Martin, Charles F., assignor.)
- Porter, George M., New York, N. Y. Printing press. 1,915,837; June 27.
- Porter, Gilbert E., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle spring. 1,893,150; Jan. 3.
- Porter, H. K., Inc. (See Porter, Henry W., assignor.)
- Porter, Harry F. (See Otte, Otho M., assignor.)
- Porter, Henry H. and W. D., Minneapolis, Minn. Adjustable support. 1,927,216; Sept. 19.
- Porter, Henry H., jr., assignor to Automatic Door & Equipment Company, Chicago, Ill. Folding door. 1,934,089; Nov. 7.
- Porter, Henry W., Brookline, assignor to H. K. Porter, Inc., Everett, Mass. Shearing cutting tool. 1,909,846; May 16.
- Porter, Horatio A., South Hadley Falls, Mass. Extensible fire ladder. 1,924,751; Aug. 29.
- Porter, Howard C., La Grange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Stretching tool. 1,905,052; Apr. 25.
- Porter, Howard C., La Grange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Gripper. 1,917,663; July 11.
- Porter, Irving J., D. A., and F. A., Cortland, N. Y. Axle puller. 1,916,866; July 4.
- Porter, J. R., et al. (See Metz, Anthony J., assignor.)
- Porter, Jay E., assignor to The Piston Ring Company, Muskegon, Mich. Piston ring closing fixture. 1,897,397; Feb. 14.
- Porter, John M., Columbus, Ohio. Manually propelled vehicle. 1,937,245; Nov. 28.
- Porter, John W., St. Louis, Mo., assignor to American Steel Foundries, Chicago, Ill. Pouring cup. 1,921,240; Aug. 8.
- Porter, Kenneth E., Cleveland, Ohio. Rod joint. 1,910,563; May 23.
- Porter, Kirk E., assignor to The Buckeye Aluminum Company, Worcester, Ohio. Drip coffee maker. 1,901,611; Mar. 14.
- Porter, Leonard B., et al. (See Edwards, Eldon J., assignor.)
- Porter McLeod Machine Tool Co. Inc. (See Lovett, Francis W., assignor.)
- Porter, Ralph B., Johnstown, Pa. Shipping container. 1,898,892; Feb. 21.
- Porter, Ralph B., and C. E. Chappel, Johnstown, Pa. Shipping container. 1,929,330; Oct. 3.
- Porter, Ralph E. (See Chapot, J. V., and Porter.)
- Porter, Robert H. (See Herzstein, M., and Porter.)
- Porter, Sidney C., East Liverpool, Ohio. Preventing reverse movement. 1,900,025; Mar. 7.
- Porter, Sidney C., Newell, W. Va. Control and locking mechanism. 1,922,454; Aug. 15.
- Porter, William D. (See Porter, Henry H. and W. D.)
- Porter, William G., Chicago, Ill. Automatic golf instructor. 1,897,212; Feb. 14.
- Porter, Wilson E. (See Whitehead, R. H., and Porter.)
- Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Automatic timing device. 1,919,255; July 25.
- Porter, Wilson E., assignor to The New Haven Clock Company, New Haven, Conn. Automatic timing device. 1,919,256; July 25.
- Porterfield, Clyde G., Marion, Ohio. Road material spreader. 1,913,897; June 13.
- Portland Company, The. (See Todd, William N., assignor.)
- Portnoff, Leo, Brooklyn, N. Y. Apparatus for instruction for stringed musical instrument playing. 1,904,928; Apr. 18.
- Portnoff, Leo, Brooklyn, N. Y. Instruction apparatus for stringed musical instruments. 1,931,010; Oct. 17.

- Portnoy, Joseph, Philadelphia, Pa. Dyeing machine. 1,922,859; Aug. 15.
- Portts, Earl G., Woodside, assignor to International Communications Laboratories, Inc., New York, N. Y. Heterodyne oscillator. 1,895,103; Jan. 24.
- Portts, Earl G., Woodside, assignor to International Communications Laboratories, Inc., New York, N. Y. Combined receiver and transmitter. 1,940,881; Dec. 26.
- Portts, Earl G., Woodside, N. Y., and H. P. Miller, jr., East Orange, N. J., assignors to International Communications Laboratories, Inc., New York, N. Y. Tuning coil. 1,919,905; July 25.
- Portteus, James G., Toledo, Ohio. Container and roller of cigarettes. 1,901,259; Mar. 14.
- Portteus, James G., Toledo, Ohio, assignor of one-fourth to G. F. Ring and one-fourth to E. F. Ferree, Marion, Ind. Hoop. 1,909,718; May 16.
- Porzellanfabrik Kahla. (See Scheid, Johann F., assignor.)
- Pöschel, Alfred B., Brooklyn, N. Y. Ornamentation. 1,909,631; May 16.
- Posey, Herbert D., Cleveland, Ohio, assignor to Logan Co., Inc., Louisville, Ky. Switching conveyor. 1,904,837; Apr. 18.
- Pospiech, Friedrich, assignor to Chemische Fabrik Pott & Company, Kommandit, Gesellschaft, Dresden, Germany. Increasing the wetting capacity of alkaline treatment liquids. 1,917,326; July 11.
- Possnett, William H., Stockport, England. Device for trimming wall paper and the like. 1,913,951; June 13.
- Post, Charles E., New London, Ohio. Fluting machine. 1,904,030; Apr. 18.
- Post, Charles R., Scarsdale, N. Y. Dental implement. 1,937,294; Nov. 28.
- Post, Claude L., Chicago, Ill. Feeding device. 1,903,361; Apr. 4.
- Post, Claude L., Chicago, Ill. Feeding mechanism. 1,906,333; May 2.
- Post, Edwin M., jr., New York, and G. O. Hanshaw, Forest Hills, assignors to International Motor Company, New York, N. Y. Refrigerating body. 1,932,533; Oct. 31.
- Post, Edwin M., jr., New York, and G. O. Hanshaw, Forest Hills, assignors to International Motor Company, New York, N. Y. Thermal relay for refrigerating mechanisms. 1,938,858; Dec. 12.
- Post, George V., Cincinnati, Ohio. Amusement device. 1,917,948; July 11.
- Post & McCord. (See Post, Robert C., assignor.)
- Post, Robert C., Englewood, N. J., assignor to Post & McCord. Hoisting machine. 1,922,635; Aug. 15.
- Postel, Carl. (See Vandergrift, J. N., and Postel.)
- Postel, Fred J., Milwaukee, Wis. Liquid density indicator for tanks. 1,932,228; Oct. 24.
- Poster Products, Inc. (See Burke, Lawrence J., assignor.)
- Posthumus, Klaas, Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifier. 1,904,524; Apr. 18.
- Posthumus, Klaas, and T. J. Weyers, Eindhoven, Netherlands, assignors to Radio Corporation of America. Superheterodyne receiver. 1,930,691; Oct. 17.
- Posthumus, Klaas, and T. J. Weyers, Eindhoven, Netherlands, assignors to Radio Corporation of America. Cascaded amplifier. 1,938,639; Dec. 12.
- Posthumus, Klaas, and T. J. Weyers, Eindhoven, Netherlands, assignors to Radio Corporation of America. Intermediate frequency amplifier. 1,938,640; Dec. 12.
- Postindex Company. (See Attwood, C. E., and Finch, assignors.)
- Poston, George R., et al. (See Tatlock, Roberts, assignor.)
- Poston, Herbert F. (See Driver, P., and Poston.)
- Poston, Junior E., et al. (See Keefe, Lonnie L., assignor.)
- Poston, Leon L., Vinton, Iowa. Jacket crown, model, and method of applying. 1,899,718; Feb. 28.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for handling strip material. 1,904,878; Apr. 18.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Garment bag and making same. 1,925,111; Sept. 5.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for handling strip material. 1,931,034; Oct. 17.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machines Company, Brooklyn, N. Y. Bag making machine. 1,938,859; Dec. 12.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Method of and apparatus for making bags. 1,941,272; Dec. 26.
- Potdevin Machine Company. (See Ettli, Joseph, assignor.)
- Potdevin Machine Company. (See Hunziker, Paul, assignor.)
- Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
- Potgieter, Fred M., Winnetka, assignor to Universal Gear Corporation, Chicago, Ill. Rotary clutch. 1,906,410; May 2.
- Poth, George H., Cincinnati, Ohio. Electromagnetic reciprocating device. 1,900,464; Mar. 7.
- Potlatch Forests, Inc. (See Bowling, Robert T., assignor.)
- Pott, Alfred, Essen-on-the-Ruhr, Germany. Purification of coal distillation gases. 1,894,419; Jan. 17.
- Pott, Friedrich, Zella-Mehlis, assignor to Mercedes Broumaschinen-Werke Aktiengesellschaft, Benshausen, Germany. Driving means for calculating machines. 1,935,858; Nov. 21.
- Pottenger, Francis M., jr., Monrovia, Calif. Tube connector construction. 1,937,841; Dec. 5.
- Pottenger, Francis M., jr., Monrovia, and E. G. House, Los Angeles, Calif. Bottle stopper and flask connector. 1,902,892; Mar. 28.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Windshield operating mechanism. 1,921,260; Aug. 8.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Hinge construction. 1,921,261; Aug. 8.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Control means for windshields. 1,921,262; Aug. 8.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Control means for windshields. 1,927,071; Sept. 19.
- Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Hinge construction. 1,940,322; Dec. 19.
- Potter, Charles W., Waltham, assignor to Atlantic Register Company, Boston, Mass. Filing register. 1,918,194; July 11.
- Potter, Dale B., assignor to Container Corporation of America, Chicago, Ill. Container. 1,925,674; Sept. 5.
- Potter, Daniel D. (See Fedel, E. S., and Potter.)
- Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Display stand. 1,925,673; Sept. 5.
- Potter, Frank M., Rome, assignor to General Cable Corporation, New York, N. Y. Cable. 1,904,525; Apr. 18.
- Potter, Frank M., Rome, assignor to General Cable Corporation, New York, N. Y. Cable. 1,904,526; Apr. 18.
- Potter, Frank M., Rome, assignor to General Cable Corporation, New York, N. Y. Cable. 1,904,527; Apr. 18.
- Potter, Fred W., Peoria, and F. C. Stuckel, Henry, Ill. Electric switch. 1,915,239; June 20.
- Potter, Harley O., Peoria, Ill. Golf glove. 1,915,617; June 27.
- Potter, James G., Cambridge, Mass. Forming coatings of metal and product thereof. 1,917,271; July 11.
- Potter, John, Elizabeth, Ill. Chain locking device. 1,896,592; Feb. 7.
- Potter, John A., Moores, Pa., assignor to Westinghouse Electric & Manufacturing Company. Heat exchanger. 1,907,567; May 9.
- Potter Manufacturing Corporation. (See Friend, Richard N.)
- Potter, Philip A., Hohokus, N. J. Bracket. 1,939,570; Dec. 12.
- Potter, Pierce & Scheffler. (See Crouse, George B., assignor.)
- Potter, Ralph K., New York, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,902,893; Mar. 28.
- Potter, Ralph K., Landing, N. J., assignor to American Telephone and Telegraph Company. Attenuation units. 1,905,353; Apr. 25.
- Potter, Ralph K., Landing, N. J., assignor to American Telephone and Telegraph Company. Frequency measuring system. 1,934,879; Nov. 14.
- Potter, Ralph K., Landing, N. J., assignor to American Telephone and Telegraph Company. Coupling device. 1,940,769; Dec. 26.
- Potter, Robert S., Old Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 1,926,558; Sept. 12.
- Potter, Robert S., Old Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer valve. 1,926,559; Sept. 12.
- Potter, Rossiter R., Kalamazoo, assignor to Shakespeare Products Company, Kalamazoo, Mich. Control device. 1,907,577; May 9.
- Potter, Thomas I., Portland, Oreg. Electrically operated expansion valve and control system. 1,909,893; May 16.
- Potter, Thomas R., Los Angeles, Calif. Table football game. 1,905,303; Apr. 25.
- Pottle, Wesley A., Denver, Colo. Golf practice device. 1,936,687; Nov. 28.
- Potter, William, New York, N. Y. Scraper. 1,903,877; Apr. 18.
- Potter, William W. (See Cavanagh, John F., assignor.)
- Potthoff, Kurt T., Brooklyn, N. Y. Rotary conveyor system and apparatus therefor. 1,901,471; Mar. 14.
- Potthoff, Kurt T., Brooklyn, N. Y. Method and apparatus for tilting tray conveyor systems. 1,901,948; Mar. 14.
- Potts, Joshua R. H. (See Liner, Julius, assignor.)
- Potvin, Frederick P., Toronto, Ontario, Canada. Wood flooring. 1,906,411; May 2.
- Potvin, Florent. (See Potvin, Joseph A. and F.)
- Potvin, Joseph A., St. Remi, Quebec, and F. Potvin, Montreal, Quebec, Canada. Vehicle lifting and rotating apparatus. 1,930,959; Oct. 17.
- Potwin, Marjorie A., Spartanburg, S. C. Combined baby pants and diaper. 1,931,357; Oct. 17.
- Pouchain, Adolfo, Turin, Italy. Negative electrode for electric accumulators. 1,895,397; Jan. 24.
- Pouchain, Adolfo, Turin, Italy. Electric accumulator. 1,900,616; Mar. 7.
- Poughkeepsie Coil Company. (See Leahey, Thomas F., assignor.)
- Poulas, Gust, assignor of forty per cent to T. Bibicos, Cleveland, Ohio. Prevention of iron and steel slugs entering slot machines. 1,919,478; July 25.

- Poulet, Edouard, Courbevoie, France, assignor to Stoner-Ames Brake Company, Inc., Boston, Mass. Brake for motor vehicles. Re19,012; Nov. 28.
- Poulsen, Arnold, Hellerup, and A. C. G. Petersen, Copenhagen, Denmark. System for reproduction of sound by means of light-sensitive cells. 1,931,829; Oct. 24.
- Poulsen, Edward B., Detroit, Mich., assignor to Revere Copper and Brass Incorporated. Wire drawing apparatus. 1,933,755; Nov. 7.
- Poulter, John W., Mount Pleasant, Iowa, assignor to National Equipment Corporation, Milwaukee, Wis. Method of and means for correcting paying settlements. 1,915,032; June 20.
- Poulter, John W., assignor to National Equipment Corporation, Milwaukee, Wis. Treating sunken pavements. 1,929,215; Oct. 3.
- Pounder, Donald W. (See Chapman, W. H., and Pounder.)
- Pounder, Wilbur R. (See Brooks, Joseph R.)
- Pounder, Wilbur R., assignor to Hubbard & Co., Chicago, Ill. Connector. 1,925,403; Sept. 5.
- Pousha, Edward T., and D. Massei, Monroe, Mich. Window screen for automobile doors. 1,906,237; May 2.
- Poux, Noel J., assignor to Lion Fastener, Inc., Meadville, Pa. Separable fastener. 1,906,808; May 2.
- Poux, Roland J., assignor to Hookless Fastener Company, Meadville, Pa. Forming separable fastener sliders. 1,901,189; Mar. 14.
- Poverud, Gudolf M. (See Dotzer, L., and Poverud.)
- Powderco, Inc. (See Van Law, Durbin, assignor.)
- Powdered Malt Corporation, The. (See Early, Mark C., assignor.)
- Powdrell & Alexander, Inc. (See Melvin, F. A., and Wellington, assignors.)
- Powell, Alan R., and A. W. Scott, assignors to Johnson-Matthey & Company, Limited, London, England. Electrodeposition of platinum. 1,901,531; Mar. 14.
- Powell, Alan R., E. C. Davies, and A. W. Scott, assignors to Johnson Matthey & Company Limited, London, England. Preparation and operation of platinum plating baths. 1,906,178; Apr. 25.
- Powell, Alan R., E. C. Davies, and A. W. Scott, assignors to Johnson Matthey & Company Limited, London, England. Alkali metal platinates and their manufacture. 1,906,179; Apr. 25.
- Powell, Alan R., and E. C. Davies, assignors to Johnson Matthey & Company Limited, London, England. Electrodeposition of palladium. 1,921,941; Aug. 8.
- Powell, Alfred H., Logan, Utah. Lifting jack. 1,932,561; Oct. 31.
- Powell, Alfred R., Elizabeth, N. J., assignor to The Koppers Company of Delaware. Treatment of gas. 1,905,053; Apr. 25.
- Powell, Charles K., Dobbs Ferry, assignor to Pacific Egg Producers Cooperative, Inc., New York, N. Y. Egg marking apparatus. 1,906,094; Apr. 25.
- Powell, Charles L., assignor to Caisson Contracting Company, New York, N. Y. Method and apparatus for forming foundation columns. 1,904,079; Apr. 18.
- Powell, Charles L., assignor to Caisson Contracting Company, New York, N. Y. Air lock for pneumatic caissons. 1,916,684; July 4.
- Powell, Charles L., New York, and H. R. Smith, Douglaston, assignors to Caisson Contracting Company, New York, N. Y. Earth boring apparatus. 1,904,249; Apr. 18.
- Powell, Charles W., Joplin, Mo. Beehive. 1,911,466; May 30.
- Powell, Clarence H., assignor to Hudson Motor Car Company, Detroit, Mich. Internal combustion engine. 1,910,813; May 23.
- Powell, David. (See Jeffs, J. E., and Powell.)
- Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 1,930,021; Oct. 10.
- Powell, Edward R., Alexandria, Ind. Shingle-like slab forming process and apparatus. 1,928,435; Sept. 26.
- Powell, Edward R., assignor to Banner Rock Corporation, Alexandria, Ind. Making felted mineral fiber. 1,899,056; Feb. 28.
- Powell, Edward R., assignor to Banner Rock Corporation, Alexandria, Ind. Rock wool and composition for producing the same. 1,907,868; May 9.
- Powell, Edward R., assignor to Banner Rock Corporation, Alexandria, Ind. Heat insulating product and forming same. 1,928,264; Sept. 26.
- Powell, Edwin C., Marysville, Calif. Split bamboo fishing rod. 1,932,986; Oct. 31.
- Powell, Edwin L., New Orleans, La. Refrigerator. 1,922,456; Aug. 15.
- Powell, Floyd J., assignor to U. A. Burnett, Marshall, Mo. Rolling shelf. 1,920,666; Aug. 1.
- Powell, Francis C., East Columbus, Ohio. Liquid seal for impeller shafts of centrifugal and rotary pumps. 1,931,706; Oct. 24.
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Foldable display carton. 1,902,262; Mar. 21.
- Powell, Henry K., and A. G. Ballenberg, assignors to Morris Paper Mills, Chicago, Ill. Folding carton. 1,901,532; Mar. 14.
- Powell, James D., Stoyestown, Pa. Shaving brush. 1,899,984; Mar. 7.
- Powell, James W., and J. R. Burkhardt, assignors to The Springfield Metallic Casket Company, Springfield, Ohio. Grave vault. 1,894,118; Jan. 10.
- Powell, John F., St. Louis County, Mo., assignor to Vonnegut Hardware Company, Indianapolis, Ind. Compensating astragal. 1,922,860; Aug. 15.
- Powell, John P., Detroit, Mich., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Liquid seal for rotary apparatus. 1,934,628; Nov. 7.
- Powell, John R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens cutting machine. 1,904,879; Apr. 18.
- Powell, Joseph F., assignor of one-half to L. H. Miles, Los Angeles, Calif. Clutch device. 1,927,046; Sept. 19.
- Powell, Julia, Memphis, Tenn. Sewing machine guard. 1,928,502; Sept. 26.
- Powell, Lawrence J., Carrollton, Ill. Tire chain. 1,927,373; Sept. 19.
- Powell, Leslie H., Bluejacket, Okla. Combined cotton cultivator. 1,898,852; Feb. 21.
- Powell, Millie, Brooklyn, N. Y. Vegetable cooker. 1,909,983; May 23.
- Powell, Myron H., assignor to Amazon Knitting Company, Muskegon, Mich. Bathing suit. 1,897,619; Feb. 14.
- Powell, William B., assignor to Appleford Paper Products Limited, Hamilton, Ontario, Canada. Container for roll paper. 1,897,143; Feb. 14.
- Powell, William B., assignor to Appleford Paper Products Limited, Hamilton, Ontario, Canada. Container for folded paper sheets. 1,927,324; Sept. 19.
- Powell, William H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine regulation. 1,913,952; June 13.
- Powell, Willard C. (See Mullen, T. J., and Powell.)
- Powell, Willard C., assignor to Oscar M. Poock, doing business as The City Machine & Tool Works, Dayton, Ohio. Controlling mechanism for motors. 1,915,760; June 27.
- Powell, Winfred T. (See Graham, V. M., and Powell.)
- Powell, Winfred T., and W. J. Vincent, assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. 1,934,949; Nov. 14.
- Powelson, Wilfrid V. N., New York, N. Y., and W. Travell, San Bernardino, Calif. Airship. 1,902,519; Mar. 21.
- Power, John A., and A. A. Meister, Houston, Tex. Valve for locomotive feed water heating systems. 1,914,645; June 20.
- Power, John J. (See Barthel, O. E., and Power.)
- Power, Laurence E., and L. Bradley, assignors to Allen-Bradley Company, Milwaukee, Wis. Resistor unit and making the same. 1,927,185; Sept. 19.
- Power, Thomas J., Milwaukee, Wis., assignor, by mesne assignments, to United States Hoffman Machinery Corporation, New York, N. Y. Dry cleaning washer and the like. 1,914,616; June 20.
- Powerlite Switchboard Company, The. (See Jirka, J. F., McCurdy, Slager, and Ernest, assignors.)
- Powermor Utilities Corporation. (See Vailes, Maurice G., assignor.)
- Powerplus (1927) Limited. (See Eyston, George E. T., assignor.)
- Powers, Donald H. (See Calcott, W. S., Downing, and Powers.)
- Powers, Donald H., Providence, R. I., assignor to United States Finishing Company, New York, N. Y. Dyeing and product. 1,912,008; May 30.
- Powers, Edward J., Silver Creek, N. Y. Producing acylated esters of hydroxy-acids. 1,927,295; Sept. 19.
- Powers, Edward J., Buffalo, N. Y. Ester of the hydroxy fatty acids of castor oil. 1,927,296; Sept. 19.
- Powers, Frank T., Douglaston, N. Y. Heater. 1,903,878; Apr. 18.
- Powers, Frank T., Douglaston, N. Y. Powdering brush. 1,906,809; May 2.
- Powers, Frank T., Douglaston, N. Y. Continuous etching machine. 1,908,487; May 9.
- Powers, Frank T., Douglaston, N. Y. Photographic camera. 1,909,424; May 16.
- Powers, Frank T., Douglaston, N. Y. Stencil. 1,912,464; June 6.
- Powers, George M., Cincinnati, Ohio, assignor to The Ohio Truss Company. Adjustable truss pad. 1,936,855; Nov. 28.
- Powers, George W., Cleveland, Ohio. Cribbing. 1,913,129; June 6.
- Powers, James, Los Angeles, Calif., assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Automatic total-taking mechanism for accounting machines. Re18,727; Jan. 31.
- Powers, James B., Syracuse, N. Y. Air cooled internal combustion engine. 1,904,880; Apr. 18.
- Powers, James H., Yeadon, Pa., assignor to General Electric Company. Electrical switch house. 1,919,986; July 25.
- Powers, John H., assignor to R. E. Ward, Chicago, Ill. Multiple typewriter system. 1,924,655; Aug. 29.
- Powers, Joseph J., Roosevelt, assignor of one-twentieth to William J. Steele, Baldwin, N. Y. Perambulator. 1,911,924; May 30.
- Powers, Kelly, La Grange, Ind. Animal poke. 1,932,910; Oct. 31.
- Powers and Mayer Inc. (See Haage, Frederick G., assignor.)
- Powers, Milton A., assignor to The Timken Silent Automatic Company, Detroit, Mich. Oil burner with supplementary air intake. 1,909,007; May 16.

- Powers, Milton A., assignor to The Timken Silent Automatic Company, Detroit, Mich. Control device. 1,910,862; May 23.
- Powers, Paul O. (See Palmer, R. C., and Powers.)
- Powers, Paul O., Pensacola, Fla., assignor to Newport Industries, Inc., Milwaukee, Wis. Purification of sulphur-oil compositions. 1,926,648; Sept. 12.
- Powers Regulator Company, The. (See Klages, Frank E. P., assignor.)
- Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
- Powers, Robert E., New York, N. Y. Dump car. 1,901,260; Mar. 14.
- Powers, Rollin B., Ashley, Ohio. Printing die. 1,917,059; July 4.
- Pownall, George L., Atlanta, Ga. Artificial ice making apparatus. 1,906,412; May 2.
- Pownall, George L., Atlanta, Ga. Ice machine compressor. 1,910,636; May 23.
- Pownall, George L., Atlanta, Ga. Producing artificial ice. 1,936,770; Nov. 28.
- Powrie, Thomas K., Paisley, Scotland. Lubricating rings and travelers in doubling and like frames. 1,899,635; Feb. 28.
- Poyer, Guy R., Wichita, Kans. Adjustable compression chamber. 1,896,098; Feb. 7.
- Poyer, Guy R., Wichita, Kans. Supercharger. 1,900,200; Mar. 7.
- Praecht, George J., Buffalo, N. Y. Bottle cap. 1,908,444; May 9.
- Praecht, George J., Buffalo, N. Y. Envelope. 1,938,038; Dec. 5.
- Praed, John G. (See Atkinson, Frederick C., assignor.)
- Praetorius, Edward. (See Joaquin, N. E., and Praetorius.)
- Prager Eisen-Industrie-Gesellschaft. (See Rosenbaum, Bedrich, assignor.)
- Prager, George J., New York, N. Y. Lamp. Des. 91,042; Nov. 14.
- Prager, George J., New York, N. Y. Machine for decorating and/or trade-marking paper, cardboard, and the like. 1,939,081; Dec. 12.
- Prahar, Robert, Brooklyn, N. Y. Receptacle frame. 1,923,687; Aug. 22.
- Prahl, Fred A., and F. J. O'Brien, assignors to Continental Can Company, Inc., New York, N. Y. Key attachment for containers. 1,907,364; May 2.
- Prahl, Frederick A., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing can. 1,933,448-9; Oct. 31.
- Prahl, Frederick A., assignor to Continental Can Company, Inc., New York, N. Y. Can piercing and dispensing device. 1,939,790; Dec. 19.
- Prahl, Frederick A., assignor to Continental Can Company, Inc., New York, N. Y. Can piercing and dispensing device. 1,939,791; Dec. 19.
- Prahl, Frederick A., assignor to Continental Can Company, Inc., New York, N. Y. Can piercing and dispensing device. 1,939,792; Dec. 19.
- Prahl, Frederick A., assignor to Continental Can Company, Inc., New York, N. Y. Forming collars for tearing strip containers. 1,941,046; Dec. 26.
- Prange, Charles A. (See Prange, Frank R. and C. A.)
- Prange, Charles H., Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y. Highly refractory dental mold material and making the same. 1,909,008; May 16.
- Prange, Frank R. and C. A., Minneapolis, Minn. Anti-skid attachment for wheels. 1,894,003; Jan. 10.
- Pranke, Edward J., Bayside, N. Y. Cyanide process. 1,905,304; Apr. 25.
- Pranke, Edward J., Bayside, N. Y., assignor to Grangers Manufacturing Company, Boston, Mass. Producing phosphorus and phosphoric oxides. 1,925,338; Sept. 5.
- Prat, Emile, Paris, France. Machine for tenting and drying fabrics. 1,924,255; Aug. 29.
- Prat, Emile, Paris, France. Dust catcher. 1,937,095; Nov. 28.
- Prater, Robert F., Atlanta, Ga. Adjusting device and burglar alarm for casement windows. 1,940,770; Dec. 26.
- Pratt, Charles O., Maplewood, N. J., assignor to Smet-Solvay Engineering Corporation, New York, N. Y. Wash box and operating same. 1,927,529; Sept. 19.
- Pratt, Charles R., Upper Montclair, N. J. Elevator machine. 1,911,389; May 30.
- Pratt, Goodrich B. (See Barber, G. H., Stimson, and Pratt.)
- Pratt, Goodrich B., assignor to Bond Electric Corporation, Jersey City, N. J. Flash light safety switch. 1,903,940; Apr. 18.
- Pratt, Goodrich B., Grantwood, assignor to Bond Electric Corporation, Jersey City, N. J. Flash light. 1,904,902; Apr. 18.
- Pratt, Goodrich B., Grantwood, assignor to Bond Electric Corporation, Jersey City, N. J. Flash light. 1,907,060; July 4.
- Pratt, Henry, Company. (See Grimm, Carl W., assignor.)
- Pratt, Henry W., assignor to W. H. Lutton Company, Jersey City, N. J. Glass house roof constructions. 1,934,002; Nov. 7.
- Pratt, Howell D., Chestnut Hill, Pa. Auxiliary wheel for automobiles. 1,904,081; Apr. 18.
- Pratt, James, assignor to Sir W. G. Armstrong, Whitworth and Company (Engineers) Limited, Newcastle-on-Tyne, England. Sprag gear mechanism. 1,923,842; Aug. 22.
- Pratt-Low Preserving Company. (See Vetch, Hamilton A., assignor.)
- Pratt, Lucy F. (See Carlson, Johan A., assignor.)
- Pratt, Sherry A., Oakland, Calif. Folding camp armchair. 1,916,772; July 4.
- Pratt & Whitney Aircraft Company. (See King, Alexander H., assignor.)
- Pratt & Whitney Aircraft Company, The. (See King, A. H., and Ryder, assignors.)
- Pratt & Whitney Aircraft Company, The. (See Ryder, Earle A., assignor.)
- Pratt & Whitney Aircraft Company. (See Willgoos, Andrew V. D., assignor.)
- Pratt & Whitney Company. (See Bachmann, A. B., and Krause, assignors.)
- Pratt & Whitney Company. (See Garrison, Orlando, assignor.)
- Pratt & Whitney Company. (See Hoagland, Frank O., assignor.)
- Pratt & Whitney Company. (See Johnson, Charles G., assignor.)
- Pratt & Whitney Company. (See Johnson, Stanley G., assignor.)
- Pratt & Whitney Company. (See Keller, Joseph F., assignor.)
- Pratt & Whitney Company. (See Knowles, Carroll, assignor.)
- Pratt & Whitney Company. (See Law, William, assignor.)
- Pratt & Whitney Company. (See Shaw, John C. and R. D., assignors.)
- Pratt & Whitney Company. (See Tanner, Hubert D., assignor.)
- Pratt & Whitney Company. (See Whitehead, Alexander G., assignor.)
- Pratt, William B., Wellesley, and R. T. Halstead, Boston, Mass., assignors to Dispersions Process, Inc., Dover, Del. Plasticizing and dispersing cellulose acetate. 1,921,582; Aug. 8.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Current limiter. 1,894,119; Jan. 10.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Centralized meter recording. 1,902,465; Mar. 21.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Demand meter. 1,933,339; Oct. 31.
- Pratt, Willis L., et al. (See Riggs, Alger S., assignor.)
- Pravda, Frank, Dunnellen, N. J. Carrier for pneumatic tubes and the like. 1,911,713; May 30.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. Re19,032; Dec. 19.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,906,810; May 2.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,908,179; May 9.
- Prazak, Emil, Elizabeth, N. J. Foot and cutting attachment for hemstitching machines. 1,920,105; July 25.
- Preall, George. (See Krum, H., Preall, and Chambers.)
- Preatka, Joseph, New York, N. Y. Aeroplane. 1,892,808; Jan. 3.
- Preble, Boyd, Long Beach, Calif. Curling ripe olives. 1,928,229; Sept. 26.
- Preble, James J., Newton, Mass., deceased; L. Stebbins, administrator, assignor, by mesne assignments, to American Air Filter Company, Louisville, Ky. Filter unit. 1,895,642; Jan. 31.
- Preble, Norman H., assignor to Mechanical Handling Systems, Incorporated, Detroit, Mich. Overload relief for conveyor systems. 1,938,720; Dec. 12.
- Preble, Norman H., assignor to Mechanical Handling Systems, Incorporated, Detroit, Mich. Conveyor. 1,939,862; Dec. 19.
- Precision Castings Company. (See During, William J., assignor.)
- Precision Metal Workers. (See Grunwald, Albert C., assignor.)
- Precision Moderne. (See Ricordel, Auguste L., assignor.)
- Preddey, George H., San Francisco, Calif. Filing receptacle. 1,901,533; Mar. 14.
- Predmore, Bert, assignor to The Seamless Rubber Company, Incorporated, New Haven, Conn. Making inflatable balls. 1,913,454; June 13.
- Preferred Oil Burners, Inc. (See Aldrich, Loyd I., assignor.)
- Prefontaine, Rolland, Montreal, Quebec, Canada. Fire extinguisher. 1,932,291; Oct. 24.
- Prehn, Heinrich. (See Koster, Richard, assignor.)
- Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Portable compressor. 1,904,082; Apr. 18.
- Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism. 1,935,376; Nov. 14.
- Premax Products Corporation. (See Benson, G. O., and Smyntek, assignors.)
- Premier-Pabst Corporation. (See Davidson, C. N., and Steiner, assignors.)
- Premier-Pabst Corporation. (See Frederiksen, Felix M., assignor.)
- Premier-Pabst Corporation. (See Stoll, Julius E., assignor.)
- Premier Warm Air Heater Company. (See Kundee, Albert H., assignor.)

- Premo, Albert F., Springfield, Mass. Producing composite slabs. 1,923,843; Aug. 22.
- Prendergast, Charles S. and R. S., London, England. Variable speed gearing. 1,904,629; Apr. 18.
- Prendergast, Harold Y., Brooklyn, N. Y. Broadcast receiver apparatus. 1,922,861; Aug. 15.
- Prendergast, Richard S. (See Prendergast, Charles S. and R. S.)
- Prendergast, Richard S., and F. Pearson, London, England. Lubricant. 1,913,953; June 13.
- Prendergast, Thomas A., Detroit, Mich. Chilling dispenser. 1,911,969; May 30.
- Prentice, Alfred T., Valparaiso, Ind. Internal combustion engine. 1,906,095; Apr. 25.
- Prentice, G. E., Manufacturing Company. (See Jacobs, Isidor, assignor.)
- Prentice, G. E., Manufacturing Company. (See Kiessling, M., and Krieger, assignors.)
- Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)
- Prentice, G. E., Manufacturing Company. (See Prentice, George E., assignor.)
- Prentice, George E., Berlin, Conn. Fastener. 1,893,036; Jan. 3.
- Prentice, George E., Berlin, Conn. Slider for separable fasteners. 1,893,037; Jan. 3.
- Prentice, George E., Berlin, Conn. Stringer for fasteners. 1,895,172; Jan. 24.
- Prentice, George E., Berlin, Conn. Fastener unit. 1,899,479; Feb. 28.
- Prentice, George E., Berlin, Conn. Slider for fasteners. 1,900,949; Mar. 14.
- Prentice, George E., Berlin, Conn. Fastener. 1,918,779; July 18.
- Prentice, George E., Berlin, Conn. Making sliders for fasteners. 1,935,727; Nov. 21.
- Prentice, George E., Berlin, assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider locking stop. 1,910,404; May 23.
- Prentice, George R., Danielson, Conn. Trailer hitch. 1,934,141; Nov. 7.
- Prentice, John. (See Jones, W. A., and Prentice.)
- Prentice, John, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Tubular header and making the same. 1,925,847; Sept. 5.
- Prentice, John A., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Mercury boiler with tubes. 1,911,037; May 23.
- Prentice, Miller, Louisville, Ky. Grease gun filler. 1,895,730; Jan. 31.
- Prentiss, Augustin M., San Antonio, Tex., assignor to Bendix Stromberg Carburetor Company, South Bend, Ind. Carburetor. 1,933,388-9; Oct. 31.
- Prentiss Wabers Products Co. (See Yeager, Anton J., assignor.)
- Prenzel, Adam H., Halifax, Pa. Ironing board pad. 1,895,731; Jan. 31.
- Prenzel, Adam H., Halifax, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for and method of attaching shoe linings. 1,904,327; Apr. 18.
- Préparation Industrielle des Combustibles, (Société Anonyme.) (See Spinetta, Dominique, assignor.)
- Presbrey, Otis F., Brooklyn, N. Y. Article handling machine. 1,895,939; Jan. 31.
- Presbrey, Otis F., Brooklyn, N. Y. Article handling device. 1,901,566; Mar. 14.
- Presbrey, Otis F., Brooklyn, N. Y. Sweeping machine. 1,904,881; Apr. 18.
- Prescott, Ford L., Dayton, Ohio, assignor of one-third to D. C. Squires and one-third to J. F. Diehl, Coral Gables, Fla. System of manufacture of solidified carbon dioxide gas. 1,920,434; Aug. 1.
- Prescott, Frank H., assignor to Delco-Remy Corporation, Anderson, Ind. Automobile lighting system. 1,909,072; May 16.
- Prescott, Frank H., and J. L. Arthur, assignors to Delco-Remy Corporation, Anderson, Ind. Ignition apparatus. 1,906,054; Apr. 25.
- Prescott, Joseph, Youngstown, Ohio. Safety car wrench. 1,933,756; Nov. 7.
- Prescott, Ralph F. (See Britton, E. C., and Prescott.)
- Prescott, Samuel C., Brookline, Mass., and K. Morikawa, Gifu, Japan; said Morikawa assignor to said Prescott. Production of butyl and isopropyl alcohols. 1,933,683; Nov. 7.
- Prescott, William E. (See Macfarlane, R. F., and Prescott.)
- Presley, Della M., et al. (See Rennels, Jess L., assignor.)
- Presley, James A., et al. (See Rennels, Jess L., assignor.)
- Pressed Steel Car Company. (See Pehrson, Alfred K., assignor.)
- Pressed Steel Car Company. (See Sundholm, Frans J., assignor.)
- Pressed Steel Tank Company. (See Wilcox, H. C., and Cokley, assignors.)
- Pressentin, Walter H., Seattle, Wash. Hasp retainer. 1,898,391; Feb. 21.
- Presser, Ernst, Nuremberg, Germany, assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Electric rectifier. 1,926,884; Sept. 12.
- Pressler, Gustav, Detroit, Mich., assignor of one-half to Louis J. Gilchrist. Oxyacetylene burner, etc. 1,915,446; June 27.
- Pressler, Marcel, New York, N. Y. Speed change transmission. 1,916,283; July 4.
- Presslicht-Patentverwertungsges., m. b. H. (See Wist, Engelbert, assignor.)
- Prestinari, Eugen, Summit, N. J., assignor to Gemex Company. Bracelet chain. 1,932,283; Oct. 24.
- Presto Lock Corporation. (See Levine, Abraham, assignor.)
- Preston, Addie L., administratrix. (See Hodgkins, Edward F.)
- Preston, Charles H., New York, N. Y. Safety self-closing vehicle door hinge. 1,940,099; Dec. 19.
- Preston, Clarence S. (See Myers, L., and Preston.)
- Preston, Edgar, North Kansas City, and O. N. Gredell, Kansas City, assignors to Standard Steel Works, North Kansas City, Mo. Flanging machine. 1,907,664; May 9.
- Preston, Edward S., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Orange juice extractor. Des. 89,652; Apr. 18.
- Preston, Edward S., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric ventilating fan. 1,917,327; July 11.
- Preston, Frank W. (See Carrie, James, assignor.)
- Preston, Frank W., Butler, Pa. Method of and apparatus for working plastic materials. 1,913,455; June 13.
- Preston, Frederick L., Mobile, Ala. Recovering noble metals from ferruginous ores. 1,915,799; June 27.
- Preston, George E. (See Colbert, C. C., and Preston.)
- Preston, Henry C. (See Fleming, J. B., and Preston.)
- Preston, Henry C., Baltimore County, assignor to The Black & Decker Manufacturing Company, Towson, Md. Valve seat reamer sleeve. 1,903,533; Apr. 11.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Tuyere block. 1,930,908; Oct. 17.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Marine underfeed stoker. 1,930,909; Oct. 17.
- Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Stoker. 1,939,366; Dec. 12.
- Presutti, Charles P., Newburgh, N. Y. Socket plug. 1,935,278; Nov. 14.
- Preuss, Alexander B., Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 1,920,214; Aug. 1.
- Preussische Gewerkshaft Raphael. (See Seifer, Theodor, assignor.)
- Previte, Nicholas J., Jackson Heights, N. Y. Paint brush and guard. 1,911,288; May 30.
- Prez, Robert M., Lansing, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener and fastener installation. 1,917,852; July 11.
- Prez, Robert M., Lansing, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener installation. 1,917,853; July 11.
- Pribil, Alexis R., Saginaw, Mich. Trolley construction. 1,906,097; Apr. 25.
- Price, Albert O., Dover, assignor of one-fifth to Otto L. Buzard, Uhrichsville, Ohio. Spraying apparatus. 1,921,698; Aug. 8.
- Price, David R., Swampscott, Mass., assignor to General Electric Company. Direct current timing device. 1,914,215; June 13.
- Price, Frederick, Maud, assignor of one-half to G. E. McKinnis, jr., Shawnee, Okla. Starting motor for internal combustion engines. 1,925,057; Aug. 29.
- Price, H. C., Inc. (See Price, H. C., and Redding, assignors.)
- Price, Harold C., and D. R. Redding, assignors to H. C. Price, Inc., Bartlesville, Okla. Removable chill ring for pipe welding. 1,922,324; Aug. 15.
- Price, Harvey E., assignor to Pneu-Hydro Road Machinery Company, Cadillac, Mich. Road machine. 1,932,601; Oct. 31.
- Price, Henry. (See Masterson, W. E., and Price.)
- Price, Jacob L., New York, N. Y., assignor to Bendix Brake Company, Chicago, Ill. Disk brake. 1,933,930; Nov. 7.
- Price, Jacob R., Kansas City, Mo. Package for strip or like materials. 1,923,456; Aug. 22.
- Price, James H., Grand Rapids, Mich. Piston head guard. 1,900,521; Mar. 7.
- Price, James R., assignor to The Alvin Corporation, Providence, R. I. Spoon or similar article. Des. 90,380; July 25.
- Price, John R., assignor to McElroy-Shepherd Laboratories, Incorporated, Charlottesville, Va. Rotary compressor. 1,915,800; June 27.
- Price, Joseph. (See Heimbarger, O. W., and Price.)
- Price, Joseph, West New Brighton, Staten Island, assignor to The Griscom-Russell Company, New York, N. Y. Closure means for pressure containers. 1,931,679; Oct. 24.
- Price, Joseph, West New Brighton, Staten Island, assignor to The Griscom-Russell Company, New York, N. Y. Fluid cooler. 1,935,412; Nov. 14.
- Price, Joseph, West New Brighton, Staten Island, and S. Brown, Garden City, assignors to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 1,897,213; Feb. 14.
- Price, Joseph M. (See Dolan, Frank J., assignor.)

- Price, Martin M., Orange, N. J. Page-end indicator. 1,941,223; Dec. 26.
- Price, Martin M., Orange, N. J. Page-end indicating device. 1,941,224; Dec. 26.
- Price, Meyer, Mattapan, Mass. Knife sharpening device. 1,928,462; Sept. 26.
- Price, Ralph H., Chicago, Ill., assignor to Glue Research Corporation, New York, N. Y. Surface finishing. 1,908,180; May 9.
- Price, Ralph H., Chicago, Ill., assignor to The Glue Research Corporation, New York, N. Y. Decalomania adhesive. 1,909,719; May 16.
- Price, Robert C. (See Cunningham, T. R., and Price.)
- Price, Robert H. (See Ward, Wilfred B., assignor.)
- Price, Robert J., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Car coupling device. 1,913,994; June 13.
- Price, Samuel J. T., Macon, Ga. Envelope feeding mechanism. 1,918,425; July 18.
- Price, Stanley A. (See Lane, M. W., and Price.)
- Price, William K., Selah, Wash. Fruit sizing apparatus. 1,927,217; Sept. 19.
- Price, William W., and C. W. Ripsch, assignors to The Buckeye Portable Tool Company, Dayton, Ohio. Pneumatic tool. 1,931,167; Oct. 17.
- Priddy, Thomas D., Cleveland, assignor to The Formed Steel Products Company, Cleveland, Ohio. Metal studing. 1,906,096; Apr. 25.
- Pridgen, John B., and H. B. Wentz, Charlotte, N. C. Hand operated traffic line painting brush. 1,941,321; Dec. 26.
- Pridham, Edwin S., assignor to The Magnavox Company, Oakland, Calif. Electrodynamic loud-speaker. 1,901,331; Mar. 14.
- Priebe, Arthur W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pipe joint. 1,903,315; Apr. 4.
- Priebe, Arthur W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electrically welded high pressure storage tank. 1,921,241; Aug. 8.
- Priebe, Arthur W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Scarf for electric arc welding thick metal articles. 1,921,242; Aug. 8.
- Priebe, Ernest A., Meriden, Conn. Fuse plug. 1,931,206; Oct. 17.
- Prier, Pierre, Cligny, France. Process and product for protecting aluminum, magnesium, zinc and their alloys against corrosion. 1,923,502; Aug. 22.
- Prier, William A., Portland, Oreg. Burial urn. 1,940,771; Dec. 26.
- Priess, William H., Upper Montclair, N. J., assignor, by mesne assignments, to General Electric Company. Electrical condenser. 1,907,578; May 9.
- Priest, Dwight E., assignor to Parker Wire Goods Company, Worcester, Mass. Securing and supporting device for concrete reinforcement. 1,921,538; Aug. 8.
- Priest, Dwight E., assignor to Parker Wire Goods Company, Worcester, Mass. Coping saw. 1,929,989; Oct. 10.
- Priest, Martin G. T., assignor to Priest's Brake Development Company, Limited, New Plymouth, New Zealand. Brake or clutch. 1,925,004; Aug. 29.
- Priest, Roy W., et al. (See Barnard, A. W. A., and Adin, assignors.)
- Priest, Walter F., Arlington, Mass. Differential mechanism. 1,918,864; July 18.
- Priest's Brake Development Company. (See Priest, Martin G. T., assignor.)
- Priestson, Gustave A., Cliffside, N. J. Necktie and collar holder. 1,904,083; Apr. 18.
- Priewe, Hans, Berlin-Charlottenberg, assignor to the Firm Schering-Kahlbaum A. G., Berlin, Germany. Disinfectant. 1,933,757; Nov. 7.
- Prifold, George, assignor to The Cott-A-Lap Company, Somerville, N. J. Apparatus for ornamenting the surface of strip materials. 1,912,858; June 6.
- Prifold, George, assignor to The Cott-A-Lap Company, Somerville, N. J. Ornamenting the surface of strip materials. 1,912,859; June 6.
- Prifold, George, assignor to The Cott-A-Lap Company, Somerville, N. J. Ornamenting the surface of strip materials. 1,915,252; June 20.
- Prifold, George, assignor to The Cott-A-Lap Company, Somerville, N. J. Apparatus for ornamenting the surface of strip materials. 1,915,253; June 20.
- Primeau, Chester E., and E. J. Weston, Detroit, Mich. Toothbrush. 1,925,818; Sept. 5.
- Primrose, James. (See Smith, W. Primrose, and Thomas.)
- Primrose, John, Richmond, assignor to Foster Wheeler Corporation, New York, N. Y. Fractionating method. 1,893,907; Jan. 10.
- Primrose, John, Richmond, assignor to Foster Wheeler Corporation, New York, N. Y. Separating liquid from vapors and gases. 1,897,766; Feb. 14.
- Primrose, John, Richmond, and H. R. Swanson, West New Brighton, assignors to Foster Wheeler Corporation, New York, N. Y. Fractionating tower. 1,893,906; Jan. 10.
- Prince, Clarence K., deceased, by R. K. Prince, administrator, assignor to The H. B. Smith Company, Westfield, Mass. Air heating apparatus. 1,898,571; Feb. 21.
- Prince, David C. (See Wellman, B., and Prince.)
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Voltage regulating system. 1,893,784; Jan. 10.
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Vapor electric device. 1,894,120; Jan. 10.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Double speed alternating current motor. 1,913,211; June 6.
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Vacuum circuit interrupting apparatus. 1,919,987; July 25.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electrical switching apparatus. 1,922,862; Aug. 15.
- Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Welding. 1,935,413; Nov. 14.
- Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Vacuum switch. 1,941,273; Dec. 26.
- Prince, David C., and B. Wellman, Schenectady, N. Y., assignors to General Electric Company. High vacuum fuse. 1,934,459; Nov. 7.
- Prince, Edmond, Cassin-la-Demi-Lune, France, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Recovering acetic acid from solutions obtained in cellulose derivative manufacture. 1,898,213; Feb. 21.
- Prince, Robert K., administrator. (See Prince, Clarence K., deceased.)
- Prince, Robert K., Westfield, assignor, by mesne assignments, to Vi-Foods Company, Boston, Mass. Vitamin concentrate and preparation. 1,918,983; July 18.
- Prince, Samuel S., Binghamton, N. Y. Safety switch. 1,920,713; Aug. 1.
- Prince-Smith, William, Keighley, England. Builder motion for ring, cap or flyer spinning, twisting, and analogous machines. 1,919,127; July 18.
- Prince-Smith, William, and D. Waterhouse, Keighley, England. Ring spinning and analogous machine. 1,911,328; May 30.
- Prindle, Eugene F., Lawton, Mich. Basket handle. 1,925,675; Sept. 5.
- Prindle, William E., assignor to The V-W Ventilator Company, Columbus, Ohio. Screed holder. 1,909,984; May 23.
- Pring, George H., assignor to The Missouri Botanical Garden, St. Louis, Mo. Water lily. Pl. Pt. 55; Feb. 28.
- Pringle, Isabel A., Diablo, Calif. Outing equipment. 1,930,942; Oct. 17.
- Pringle, William A. (See Morrill, W. J., and Pringle.)
- Prinzing Machinery Company, The. (See Noell, Elmer F., assignor.)
- Prinzler, Carl J., assignor to Vonnegut Hardware Company, Indianapolis, Ind. Metal threshold. 1,916,116; June 27.
- Prior, Alfred, Deptford, London, England. Apparatus for scoring paper, cardboard, or like material. 1,935,522; Nov. 14.
- Prior, Frank O., Tulsa, Okla., assignor to Four Wheel Drive Auto Company, Clintonville, Wis. Fishtail point for augers. 1,895,205; Jan. 24.
- Prior, George A., West Hartford, assignor to The Gray-Prior Machine Company, Hartford, Conn. Gauge for determining pitch of propeller blades. 1,902,180; Mar. 21.
- Prior, Walter, jr., South Orange, N. J., assignor of one-half to A. F. W. Viehweger, Poughkeepsie, and one-half to H. B. Morgan, Amenia, N. Y. Burglarproof lock. 1,904,882; Apr. 18.
- Prisk, Michael, Ely, Minn. Safety air valve. 1,928,186; Sept. 26.
- Prismo Holding Corporation. (See Gill, Edwin R., jr., assignor.)
- Přístoupil, Vladislav, Aussig-on-the-Elbe, Czechoslovakia. Manufacture of phosphates of the alkali and alkaline earth metals and of magnesium. 1,925,644; Sept. 5.
- Přístoupil, Vladislav, Aussig-on-the-Elbe, Czechoslovakia. Manufacture of fertilizers rich in P_2O_5 . 1,925,645; Sept. 5.
- Pritchard, Carl G., Hiram, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 1,900,664; Mar. 7.
- Pritchard, Evan W., Cleveland, Ohio. Key holder. 1,939,023; Dec. 12.
- Pritchard, Percy, Smethwick, Birmingham, assignor of one-half to The Birmingham Aluminum Casting (1903) Company Limited, Smethwick, England. Metal boat construction. 1,930,770; Oct. 17.
- Pritchard, William S., assignor to Motor Products Corporation, Detroit, Mich. Lubricating system. 1,903,554; Apr. 11.
- Pritchett, Glenn A., and H. G. Walker, assignors to Monite Explosives, Inc., Reno, Nev. Explosive. 1,923,327; Aug. 22.
- Privinsky, Franz. (See Henle, F., Meder, Lanz, and Privinsky.)
- Procedes Navarre. (See Thiriet, A., and Delcroix, assignors.)
- Process Co. (See Trumble, M. J., and Seeley, assignors.)
- Process Engineers, Inc. (See De Cew, Judson A., assignor.)
- Process Holdings Company. (See Hallett, Lawrence T., assignor.)
- Process Holdings, Inc. (See Gutgeld, Leon, assignor.)
- Processco, Limited. (See Le Roy, Sherwood A., assignor.)
- Processco, Limited. (See Trumble, M. J., and Seeley, assignors.)

- Prochaska, Carroll W., New York, N. Y. Piston skirt expander. 1,921,429; Aug. 8.
- Procter & Gamble Company, The. (See Egan, J., and Mills, assignors.)
- Procter and Gamble Company, The, et al. (See Lamont, Dallas R., assignor.)
- Procter, John A., assignor, by mesne assignments, to General Electric Company, Lexington, Mass. Direction finder loop and control. 1,920,215; Aug. 1.
- Proctor, Barton A., assignor, by mesne assignments, to Kinatome Patents Corporation, New York, N. Y. Photographic apparatus. 1,894,963; Jan. 24.
- Proctor, John A., Lexington, Mass., assignor, by mesne assignments, to General Electric Company. Radio direction finder. 1,931,680; Oct. 24.
- Proctor, L. W. (See Trusler, John, assignor.)
- Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner. 1,923,006; Aug. 15.
- Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner. 1,923,007; Aug. 15.
- Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tunnel liner. 1,923,008; Aug. 15.
- Proctor, Robert V., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Hydraulic system. 1,940,508; Dec. 19.
- Proctor & Schwartz, Inc. (See Argabrite, George M., assignor.)
- Proctor & Schwartz, Incorporated. (See Bur, Philip W., assignor.)
- Proctor & Schwartz, Incorporated. (See Hurxthal, Alpheus O., assignor.)
- Proctor & Schwartz, Incorporated. (See Kerst, E. B., and Hurxthal, assignors.)
- Proctor & Schwartz, Incorporated. (See Roberts, Joseph, assignor.)
- Proctor & Schwartz, Incorporated. (See Schmitt, George A., assignor.)
- Proctor & Schwartz, Incorporated. (See Tiers, C. S., and Wanamaker, assignors.)
- Proctor & Schwartz, Incorporated. (See Wanamaker, Harry F., assignor.)
- Proctor & Schwartz, Inc. (See Wanamaker, H. F., and Pattison, assignors.)
- Prodorite, S. A. (See Fender, Harold W., assignor.)
- Prodorite, S. A. (See Zimmermann, Georg, assignor.)
- Production Engineering Company. (See Fournier, Emmanuel J., assignor.)
- Production Foundry Co., The. (See Davis, Albert G., assignor.)
- Production Machine Company. (See Fuller, Rufus W., assignor.)
- Productive Equipment Corporation. (See Soldan, Lewis E., assignor.)
- Producto Machine Company, The. (See Marsilius, Newman M., assignor.)
- Products Protection Corporation. (See Lane, Raymond A., assignor.)
- Proefke, Otto, assignor to Enterprise Tool and Gear Corp., Detroit, Mich. Collet. 1,898,264; Feb. 21.
- Program Service Company. (See Harris, D. B., and Knauss, assignors.)
- Program Service Company. (See Sharpnack, George, assignor.)
- Progressive Tool & Die Company. (See Plante, Levi N., assignor.)
- Projection Optics Co. (See Fouquet, William F., assignor.)
- Projector G. m. b. H. (See Morsbach, Kurt, assignor.)
- Projector G. m. b. H. (See Morsbach, K., and Cousin, assignors.)
- Projector, G. m. b. H. (See Morsbach, K., and Schulz, assignors.)
- Projector Optics Co. (See Repp, William H., assignor.)
- Prönncke, Walter, Quedlinburg, assignor to Reinhard Jahn, Bad Suederode, Osthaz, Germany. Clothes peg. 1,894,121; Jan. 10.
- Propp, Louis, New York, N. Y. Electric fitting. 1,938,039; Dec. 5.
- Propp, Louis, assignor to Noma Electric Corporation, New York, N. Y. Decorative device. 1,905,500; Apr. 25.
- Propp, Louis, assignor to The M. Propp Co. Inc., New York, N. Y. Electrical outfitting. 1,928,605; Sept. 26.
- Propp, M., Co. Inc., The. (See Propp, Louis, assignor.)
- Prosperity Company Inc., The. (See Braun, Philip N., assignor.)
- Prosperity Company Inc., The. (See Cooper, Harry, assignor.)
- Prosperity Company Inc., The. (See Davis, Ernest, assignor.)
- Prosperity Company Inc., The. (See Davis, E., and Kagi, assignors.)
- Prosperity Company, Inc., The. (See Ledbetter, James C., assignor.)
- Prosperity Company Inc., The. (See Sauerbrey, Frederick W., assignor.)
- Prosperity Company, Inc., The. (See Winnewisser, Emil A., assignor.)
- Prosperity Company Inc., The. (See Zimarik, John, assignor.)
- Prosser, Clay. (See Nelson, Henry F., assignor.)
- Prosser, John W. M., Klondyke, Ohio. Gas tank cap lock. 1,907,365; May 2.
- Prosser, Thomas W., Kankakee, assignor to Paramount Textile Machinery Co., Chicago, Ill. Hosiery drying form. 1,907,304; May 2.
- Prosser, Thomas W., Kankakee, assignor to Paramount Textile Machinery Co., Chicago, Ill. Method and machine for rolling a seam-seating groove in a hosiery drying form. 1,914,525; June 20.
- Prosser, Thomas W., and R. L. Mittelstadt, Kankakee, assignors to Paramount Textile Machinery Co., Chicago, Ill. Hosiery drying form. 1,907,305; May 2.
- Proteau, Elizabeth, Vancouver, British Columbia, Canada. Egg poacher. 1,900,761; Mar. 7.
- Protectoseal Company of America. (See Anschicks, Rudolph J., assignor.)
- Protectu Corporation, The. (See Walker, Crawford J., assignor.)
- Protzky, Valerie, New York, N. Y. Hair dressing apparatus. 1,909,894; May 16.
- Prout, Herbert L., Villa Park, Ill. Variable speed transmission. 1,912,917; June 6.
- Prouty, Harris G., and J. Bardwell, Whitman, Mass. Cotton harvesting machine. 1,907,665; May 9.
- Prouty, Jason, Hillpoint, Wis. Nonclogging harrow. 1,924,960; Aug. 29.
- Prouty, Millius W., Braintree, assignor to Albert L. Berry Leather Company, Boston, Mass. Shoe insole material or similar article. Des. 89,915; May 16.
- Prouty, Millius W., Braintree, Mass., assignor, by mesne assignments, to Certified Leathers, Inc. Innersole for shoes. 1,935,576; Nov. 14.
- Prouty, William B., Evanston, Ill. Dust separator and collector system. 1,897,144; Feb. 14.
- Prouty, William B., Evanston, Ill. Dust collector and separator system. 1,908,181; May 9.
- Prouty, Willis O., Hermosa Beach, assignor, by mesne assignments, to Proutyline Products Co., Manhattan Beach, Calif. Hand applicator for light source. Des. 90,125; June 13.
- Prouty, Willis O., Hermosa Beach, assignor, by mesne assignments to Proutyline Products Co., Manhattan Beach, Calif. Hand applicator for light source. Des. 90,126; June 13.
- Prouty, Willis O., Hermosa Beach, assignor to Metlox Corporation, Ltd., Manhattan Beach, Calif. Luminous tube connection device. 1,909,632; May 16.
- Proutyline Products Co. (See Prouty, Willis O., assignor.)
- Provenzano, Emil, Brooklyn, assignor to Isaac Batkin, New York, N. Y. Lamp shade. 1,923,555; Aug. 22.
- Providence Braid Company. (See Kerr, James A., assignor.)
- Providence Braid Company. (See Piecentkowski, Albert G., assignor.)
- Provident Trust Company of Philadelphia, executor, et al. (See Chance, Thomas M.)
- Provincial, Firmin, Woonsocket, R. I. Furnace construction. 1,901,821; Mar. 14.
- Provost, Crockett J., Cotton Valley, La. Advertising novelty. Des. 91,214; Dec. 19.
- Provost, Crockett J., Cotton Valley, La. Advertising novelty. Des. 91,215; Dec. 19.
- Provost, Laurence R., Shawnee, Kans. Snapper rack. 1,925,202; Sept. 5.
- Prowant, John J., Chadwick, Ill. Apparatus for forming a continuous concrete conduit. 1,911,163; May 23.
- Pruden, Harold M., Maplewood, N. J., and C. C. Taylor, Flushing, N. Y.; said Pruden assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Taylor assignor to American Telephone and Telegraph Company. Radio telephone system. 1,915,382; June 27.
- Pruden, Harold M., Maplewood, N. J., and P. W. Wadsworth, Elmhurst, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission circuits. 1,939,725; Dec. 19.
- Prudente, John A., and R. T. Iula, Ardmore, Pa. Cooling apparatus. 1,896,787; Feb. 7.
- Pruessner, George E., Chesterfield, Mo. Amusement apparatus. 1,918,559; July 18.
- Pruett, Abner I. (See Marshall, J. K., and Wiley, assignors.)
- Pruett, George L. (See Ober, B., Pagon, Pruett, and Trozell.)
- Prüfert, Hermann, Hohenlimburg, Germany. Apparatus for and the cooling of annealed goods in cooled vessels. 1,895,680; Jan. 31.
- Pruitt, Harvey E., assignor of one-half to H. E. Wertman, Flint, Mich. Castelling machine. 1,893,444; Jan. 3.
- Pruss, Hugo E., Berkeley, and L. R. Steinberg, San Francisco, Calif., assignors, by mesne assignments, to Federal Mail Chute Corp., Ltd. Mailing pocket for mail chutes. 1,932,987; Oct. 31.
- Prüss, Max, Essen, Germany. Artificially heating sludge digestion chambers. 1,930,457; Oct. 10.
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Die for extruding collapsible tubes. 1,900,665; Mar. 7.
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Stripper for collapsible tube forming machines. 1,900,666; Mar. 7.
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Automatic tube finishing and advancing machine. 1,910,712; May 23.
- Prussing, Walter, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Tube advancing and mounting mechanism. 1,910,713; May 23.

- Prutton, Carl F., Cleveland, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Making iron chlorides and sulphur dioxide from iron pyrites and dilute chlorine. 1,936,543; Nov. 21.
- Prutton, Carl F., Cleveland, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Preparing anhydrous iron chlorides. 1,938,461; Dec. 5.
- Prutzman, Paul W. (See Roth, Ernest W., and Prutzman.)
- Prynne, Charles W. (See Crespinel, W. T. and Prynne.)
- Pryor, Leo E., Delano, Calif. Automobile jack. 1,901,332; Mar. 14.
- Przyborowski, Stanislaus. (See Smith, L. C., and Przyborowski.)
- Psikal, Emil, H., and W., Dorchester, Nebr. Lister marking attachment. 1,917,733; July 11.
- Psikal, Henry. (See Psikal, Emil, H., and W.)
- Psikal, William. (See Psikal, Emil, H., and W.)
- Public, Free use of. (See Haller, H. L. J., and Schaffer.)
- Public, of and within the United States of America, Free use of the. (See Groogings, Philip H.)
- Publicker, Inc. (See Haner, C., and Fenimore.)
- Pucunas, John, Los Angeles, Calif. Headlight. Des. 90,593; Aug. 29.
- Pudelko, Riccard, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Maximum and total demand meter. 1,902,045; Mar. 21.
- Pudliner, John, assignor to Brey & Krause Manufacturing Company, Allentown, Pa. Bracket and applying same. 1,897,913; Feb. 14.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Method of and apparatus for producing coke. 1,905,055; Apr. 25.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Low temperature distillation apparatus. 1,905,538; May 9.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Coking apparatus. 1,916,331; July 4.
- Puening, Franz, O'Hara Township, Allegheny County, Pa. Apparatus for and method of producing coke. 1,924,198; Aug. 29.
- Puening, Franz, assignor to The Koppers Company of Delaware, Pittsburgh, Pa. Apparatus for heating coal or the like. 1,932,830; Oct. 31.
- Pueschel, William, assignor to Bendix Brake Company, South Bend, Ind. Riveting mechanism. 1,914,979; June 20.
- Pugh, Emerson, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing electrical contact members. 1,907,932; May 9.
- Pugh, John D., Baltimore, Md. Excavator. 1,929,004; Oct. 3.
- Pugh, John V., Meriden, England. Freewheel cycle and braking mechanism therefor. 1,917,459; July 11.
- Pulfrich, Hans. (See Skaupy, F. West, and Pulfrich.)
- Pulici, Joseph M., Hawley, Pa. Battery terminal cable connector. 1,939,520; Dec. 12.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,506; Aug. 15.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,507; Aug. 15.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,508; Aug. 15.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,550; Aug. 22.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,551; Aug. 22.
- Pulitzer, Gustav M., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,729; Sept. 19.
- Pull Clean Manufacturing Corporation. (See Addler, Joseph H., assignor.)
- Pullen, Claude E., Miami, Fla. Combination awning and shield. 1,932,145; Oct. 24.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper. Des. 89,975; May 23.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. 1,920,889; Aug. 1.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Dustpan control means for carpet sweepers. 1,933,758; Nov. 7.
- Pullen, Fred W., assignor to Bissell, Carpet Sweeper, Co., Grand Rapids, Mich. Handle bail and handle spring means for carpet sweepers. 1,937,589; Dec. 5.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper case. 1,937,590; Dec. 5.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match packet and method. 1,921,372; Aug. 8.
- Pullen, Rodney S., Akron, Ohio., assignor to Pullenlite Company, Philadelphia, Pa. Bale fastening means. 1,931,510; Oct. 31.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match packet. 1,933,509; Oct. 31.
- Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Latch packet. 1,938,930; Dec. 12.
- Pullen, Rodney S., Akron, Ohio, and W. F. Casey and G. M. Thomas, Philadelphia, Pa., assignors to Pullenite Company. Match packaging machine. 1,906,098; Apr. 25.
- Pullen, Rodney S., W. F. Casey, and G. M. Thomas, assignors to Pullenite Company, Philadelphia, Pa. Match packaging machine. 1,937,530; Dec. 5.
- Pullenite Company. (See Gamble, R. H., and Crowell, assignors.)
- Pullenite Company. (See Pullen, Rodney S., assignor.)
- Pullenite Company. (See Pullen, R. S., Casey, and Thomas, assignors.)
- Pulley, Edward G., Marion, Ill. Flywheel. 1,938,152; Dec. 5.
- Pulliam, Ira L., assignor to Richfield Oil Company of California, Los Angeles, Calif. Apparatus for washing tops of vehicles. 1,908,788; May 16.
- Pulliam, John W., assignor of fifty per cent to W. D. Hinton, Oakland, Ky. Spark plug. 1,906,918; May 2.
- Pullman, Albertine, Alexandria, Va. Strainer trap. 1,935,128; Nov. 14.
- Pullman Car & Manufacturing Corporation. (See Blomberg, Martin P., assignor.)
- Pullman Car & Manufacturing Corporation. (See Harris, Charles W., assignor.)
- Pullman Car & Manufacturing Corporation. (See Lacke, William A., assignor.)
- Pullman Car & Manufacturing Corporation. (See McDonald, William J., assignor.)
- Pullman Car & Manufacturing Corporation. (See Mussey, W. H., and Blomberg, assignors.)
- Pullman Car & Manufacturing Corporation. (See Mussey, W. H., and Rudolph, assignors.)
- Pullman Car & Manufacturing Corporation. (See Peterson, H. F., and Winther, assignors.)
- Pullman Company, The. (See Hollands, Harold W., assignor.)
- Pullman, Maurice J., Los Angeles, Calif. Exerciser for pedal or manual extremities. 1,911,390; May 30.
- Pullon, John R., London, England. Electric lamp holder. 1,916,306; May 23.
- Pullwitt, Herman P., Oak Park, assignor to McIntosh Electrical Corporation, Chicago, Ill. Electrotherapeutic system and apparatus therefor. 1,896,647; Feb. 7.
- Puls, Erich F., assignor to the Firm Pulsgetriebe Gesellschaft mit beschränkter Haftung, Eisenach, Germany. Brake band apparatus. 1,901,774; Mar. 14.
- Pulsgetriebe Gesellschaft mit beschränkter Haftung, the Firm. (See Puls, Erich F., assignor.)
- Pulsifer, Frank, Salem, Mass. Power transmitting mechanism. 1,923,582; Aug. 22.
- Pulsifer, George H., Haverhill, Mass. Heel for women's footwear. Des. 89,916; May 16.
- Pulsifer, George H., Haverhill, Mass. Heel for women's footwear. Des. 89,917; May 16.
- Pulsifer, George H., Haverhill, Mass. Heel for women's footwear. Des. 89,918; May 16.
- Pulver, Hans, Biel, assignor to Oswald Coradi, Zurich, Switzerland. Coordinatograph. 1,927,992; Sept. 26.
- Pulver, Harold L., North Attleboro, Mass. Ornamental bead chain. 1,894,195; Jan. 10.
- Pulvermacher, Karl, assignor of one-half to P. Freund, Budapest, Hungary. Recording acoustic vibrations. 1,922,821; Aug. 15.
- Pulvis Aktiengesellschaft. (See Rudqvist, Carl A., assignor.)
- Pulvis Aktiengesellschaft. (See Whiteside, Arthur L., assignor.)
- Pungs, Wilhelm, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Impregnating and adhesive composition. 1,916,584; July 4.
- Pungs, Wilhelm, and K. Eisenmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lacquers, films, artificial masses, and the like. 1,904,528; Apr. 18.
- Pungs, Wilhelm, and K. Eisenmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of artificial masses. 1,904,529; Apr. 18.
- Pungs, Wilhelm, Ludwigshafen-on-the-Rhine and H. Rabe, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of liquid unsaturated hydrocarbons of high molecular weight. 1,923,583; Aug. 22.
- Pungs, Wilhelm, Ludwigshafen-on-the-Rhine, H. Rabe, Mannheim, and H. Zorn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of high quality lubricating oils. 1,938,088; Dec. 5.
- Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of maleic anhydride. 1,895,522; Jan. 31.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 1,895,391; Jan. 24.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 1,902,664; Mar. 21.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening container. 1,935,523; Nov. 14.

- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container for spoils. 1,941,047; Dec. 26.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Valve-closed metal container. 1,941,048; Dec. 26.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Friction closed container. 1,941,049; Dec. 26.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Friction closed container. 1,941,050; Dec. 26.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Dispenser container. 1,941,051; Dec. 26.
- Punte, William F., and C. J. Aulbach, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Dispensing container. 1,941,052; Dec. 26.
- Pupala, George, Mansfield, Ohio. Electric lamp. 1,940,509; Dec. 19.
- Pupillo, Thomas, et al. (See Ramondetta, Gaetano, assignor.)
- Purcell, Bishop, Houston, Tex. Deflector for cotton gins. 1,906,811; May 2.
- Purcell, Jane W., assignor to A. Chamberlain, Helena, Mont. Hat block. 1,914,864; June 20.
- Purcell, Joseph M., assignor of one-third to J. A. and I. J. McGraw, Mechanicsville, N. Y. Sick-room jacket. 1,930,212; Oct. 10.
- Purcell, Thomas E., Pittsburgh, Pa., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,896,593; Feb. 7.
- Purdin, Conn A., Chico, Calif. Food mixer. 1,902,376; Mar. 21.
- Purdon, Frank, Herkimer, N. Y. Extensible handle. 1,921,323; Aug. 8.
- Purdue Research Foundation. (See Chittum, Joseph F., assignor.)
- Purdue Research Foundation. (See Hopfield, John J., assignor.)
- Purdue Research Foundation. (See Lark-Horovitz, Karl, assignor.)
- Purdue Research Foundation. (See Ross, David E., assignor.)
- Purdue Research Foundation. (See Ross, D. E., and Meikle, assignors.)
- Purdy, Edwin A. (See Varcoe, G. S., and Purdy.)
- Purdy, Emmett G., Detroit, Mich., assignor to Detroit Body Die Company. Motor vehicle. 1,917,460; July 11.
- Purdy, Frederick, assignor to Marvel Carburetor Company, Flint, Mich. Thermopressure heat control device. 1,913,684; June 13.
- Purdy, George H. (See Robertson, J., and Purdy.)
- Purdy, Harley M., Wabash, Ind. Spring-pressed weather strip and its spring-pressed actuator. 1,918,865; July 18.
- Purdy, Harold C., Akron, Ohio, assignor to The Hoover Company. Dust bag. 1,930,659; Oct. 17.
- Pure Carbonic Company of America. (See Purvis, Harry H., assignor.)
- Pure Oil Company, The. (See Carr, R. H., and Watson, assignors.)
- Pure Oil Company, The. (See Chittick, Martin B., assignor.)
- Pure Oil Company, The. (See Harnsberger, Audley E., assignor.)
- Pure Oil Company, The. (See Harnsberger, A. E., and Christy, assignors.)
- Pure Oil Company, The. (See Harnsberger, A. E., and Watson, assignors.)
- Pure Oil Company, The. (See Meyer, Richard T., assignor.)
- Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
- Pure Oil Company, The. (See Osterstrom, R. C., and Tucker, assignors.)
- Pure Oil Company, The. (See Wagner, Cary R., assignor.)
- Pure Oil Company, The. (See Watson, Cornelius B., assignor.)
- Purington, Ellison S., assignor to John Hays Hammond, Jr., Gloucester, Mass. System for transmitting electro-radiant energy. 1,899,527; Feb. 28.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Mechanism for distributing articles upon a travelling assembling carrier. 1,905,056; Apr. 25.
- Purity Bakeries Service Corporation. (See McCarthy, Daniel C., assignor.)
- Purity Fibre Products Corporation. (See Herting, Otto, assignor.)
- Purkey, Carl W., Detroit, Mich. Piston. 1,906,765; May 2.
- Purnell, Edward A., assignor to The General Fireproofing Company, Youngstown, Ohio. Metallic cabinet. 1,914,041; June 13.
- Pursell, Arthur J. (See Pearce, James W., assignor.)
- Purtell, Lawrence, Salem, Mass., assignor to American Can Company, New York, N. Y. Container. 1,913,409; June 13.
- Purvis, Harry H., Port Jefferson, N. Y. Storage and dispensing apparatus for carbon dioxide. 1,939,611; Dec. 12.
- Purvis, Harry H., Port Jefferson, N. Y., assignor to Pure Carbonic Company of America. Automatic pressure sealing means. 1,904,250; Apr. 18.
- Pushee, George D., deceased, Weston, by G. H. Pushee, Wayland, and A. W. Church and H. C. Cushman, Newton, executors, assignors to J. C. Pushee & Sons, Inc., Boston, Mass. Making shaving brushes. 1,923,884; Aug. 22.
- Pushee, George H., et al., executors. (See Pushee, George D.)
- Pushee, J. C., & Sons, Inc. (See Pushee, George D., assignor.)
- Putnam, Alfred R., Valparaiso, Ind. Sewage purification. 1,915,240; June 20.
- Putnam, George W. (See Palmer, Philip S., assignor.)
- Putnam, Harold W., Reading, Mass. Sand spreading apparatus. 1,928,030; Sept. 26.
- Putnam, Henry V., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronous motor having high starting and pull-in torques. 1,899,719; Feb. 28.
- Putnam, Henry V., Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company. Nonoscillating transformer. 1,899,720; Feb. 28.
- Putnam, James R., assignor to Waterbury Clock Company, Waterbury, Conn. Electric clock. 1,909,073; May 16.
- Putnam, James R., assignor to Waterbury Clock Company, Waterbury, Conn. Movement-plates for timepieces. 1,918,057; July 11.
- Putnam, James R., and A. W. Haydon, assignors to Waterbury Clock Company, Waterbury, Conn. Alarm clock. 1,906,716; May 2.
- Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Method of and apparatus for measuring the thickness of metal. 1,895,643; Jan. 31.
- Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Separating emulsions. 1,897,011; Feb. 7.
- Putnam, Mark E., assignor to The Dow Chemical Company, Midland, Mich. Conducting chemical reactions in liquid media. 1,921,373; Aug. 8.
- Putnam, Reginald, Tracy, Calif. Static grounder for tank trucks. 1,937,842; Dec. 5.
- Putnam, Sherman W. (See Mills, L. E., and Putnam.)
- Putnam, Sherman W., and N. Poffenberger, assignors to The Dow Chemical Company, Midland, Mich. Preservative for glue and the like. 1,925,819; Sept. 5.
- Putnam, Thomas M., Cedar Grove, Wis. Coaster wagon. 1,912,040; May 30.
- Putnam, Walter, Pasadena, Calif. Flush valve. 1,901,119; Mar. 14.
- Putnam, Warren C., Los Angeles, Calif. Automatic fluid control. 1,929,515; Oct. 10.
- Putney, Charles L., assignor of one-third to C. H. Stoer, Philadelphia, Pa. Clutch operating mechanism. 1,909,720; May 16.
- Putt, Earl B., New York, N. Y. Phenolphthalein composition and making same. 1,894,889; Jan. 17.
- Putvin, George F., Munising, Mich. Seam for drier felts and making same. 1,903,406; Apr. 4.
- Putz, Oskar, Prague, Czechoslovakia. Orthopedic appliance. 1,935,859; Nov. 21.
- Puurmann, Juri, Brussels, Belgium. Internal combustion engine. 1,914,787; June 20.
- Pv, Henri, La Sagne, near Ste. Croix, assignor to the Firm Hermann Thorens, Societe Anonyme, Ste. Croix, Switzerland. Pyrophoric lighter. 1,925,933; Sept. 5.
- Pye, David W., Brooklyn, assignor to Tuco Products Corporation, New York, N. Y. Composite flooring. 1,913,613; June 13.
- Pye, Harold C., Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Substation telephone circuit. 1,930,537; Oct. 17.
- Pyk, Herman T., Strandvagen, Saltsjo-Duvnas, and E. O. P. Thege, assignors to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Combined internal-combustion engine and compressor. 1,934,880; Nov. 14.
- Pykosz, John, Chicago, Ill. Smoke consumer. 1,938,193; Dec. 5.
- Pyle, David H. McA., Far Hills, N. J. Serving tray. Des. 91,229; Dec. 19.
- Pyle-National Company, The. (See Kennedy, John J., assignor.)
- Pyle-National Company, The. (See McDowell, Thomas E., assignor.)
- Pyle-National Company, The. (See Wulle, William A., assignor.)
- Pyles, Robert M., Bakersfield, assignor of one-half to James A. Kammerdiner, Los Angeles, Calif. Line tightener. 1,896,415; Feb. 7.
- Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work positioning means. 1,899,057; Feb. 28.
- Pym, Arthur F., Beach Bluff, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 1,918,714; July 18.
- Pym, Arthur F., Swampscott, and J. W. Johnson, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoes. 1,936,952; Nov. 28.
- Pym, Harold S., Beverly, and J. M. Whelton, Feabody, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for effecting relative movement of shoes and lasts. 1,930,487; Oct. 17.
- Pynn, Emma F. (See Pynn, Thomas E., assignor.)

- Pynn, Thomas E., Brooklyn, assignor of one-half to E. F. Pynn, New York, N. Y. Doll or similar article. Des. 91,216; Dec. 19.
- Pyratone Products Corporation. (See Barrett, Harold G., assignor.)
- Pyrene-Minimax Corporation. (See Beythien, Rudolf, assignor.)
- Pyrene-Minimax Corporation. (See Burmeister, Hans, assignor.)
- Pyrene-Minimax Corporation. (See Graaff, Wilhelm, assignor.)
- Pyrene-Minimax Corporation. (See Schmidt, Karl, assignor.)
- Pyrene Minimax Corporation (See Schmidt, K., and Wagener, assignors.)
- Pyrene-Minimax Corporation. (See Schwepcke, Arthur, assignor.)
- Pyrene-Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
- Pyro-Pack Products Co. (See Chiles, Howard M., assignor.)
- Pyroxilin Products Incorporated. (See Fawkes, Charles E., assignor.)
- Pyzel, Daniel, Piedmont, assignor to Shell Development Company, San Francisco, Calif. Manufacture of ammonium sulphate. 1,932,674; Oct. 31.
- Pyzel, Frederic M., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Producing hydrogen. 1,896,420; Feb. 7.
- Q-Tips, Inc. (See Bunnell, E. C., and Barnes, assignors.)
- Quadrex Corporation, The. (See Leathers, Ward, assignor.)
- Quaedvlieg, Matthias. (See Marx, K., Brodersen, and Quaedvlieg.)
- Quaka, Cyril B., assignor of one-half to J. Tedesco, Bridgeport, Conn. Lubricating system. 1,913,898; June 13.
- Quaker City Iron Works. (See Jensen, James A., assignor.)
- Quaker Oats Company, The. (See Bohn, R. M., and Miner, assignors.)
- Quaker Oats Company. (See Brownlee, H. J., assignor.)
- Quaker Oats Company, The. (See Miner, Carl S., assignor.)
- Quaker Oats Company. (See Peters, Fredus N., jr., assignor.)
- Quaker Oats Company, The. (See Shumway, Edward D., assignor.)
- Qualcast Limited. (See Butterworth, William J., assignor.)
- Qualey, Walter, Cincinnati, and R. H. Tyrrell, assignors to The Ohio Rubber Company, Cleveland, Ohio. Vehicle wheel. 1,927,446; Sept. 19.
- Quam, James P., Chicago, Ill. Air cleaner. 1,912,657; June 6.
- Quam, Sidney. (See Parker, M. E., and Quam.)
- Quandt, Felix H. (See Bulger, Michael B., assignor.)
- Quanquin, Bernard. (See Durepaire, L., and Quanquin.)
- Quarles, Donald A., Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Composite transmission system. 1,917,061; July 4.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 1,895,133; Jan. 24.
- Quarnstrom, Bert L., Grosse Pointe Park, assignor to Bundy Tubing Company, Detroit, Mich. Tube and coupling. 1,896,371; Feb. 7.
- Quarnstrom, Bert L., Grosse Pointe Park, assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for making tube. 1,896,416; Feb. 7.
- Quarnstrom, Bert L., Grosse Pointe Park, assignor to Bundy Tubing Company, Detroit, Mich. Tube. 1,909,501; May 16.
- Quarnstrom, Bert L., Grosse Pointe Park, assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 1,933,279; Oct. 31.
- Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Heat-transfer device. 1,935,332; Nov. 14.
- Quarnstrom, Ivan T., assignor to Wayne Manufacturing Co., Detroit, Mich. Doorlatch. 1,898,975; Feb. 21.
- Quay, Marion P., Rome, Italy. Casing for key-bows. 1,897,861; Feb. 14.
- Quayle, Oliver A., sr., assignor to Albany Monroe Corporation, Albany, N. Y. Intaglio-engraved-plate flat bed printing press. 1,934,881; Nov. 14.
- Queen Anne Candy Company. (See Biggs, John L., assignor.)
- Queen City Steel Treating Company, The. (See Salkover, Nicholas M., assignor.)
- Queen, Patrick W., Copperhill, Tenn., assignor to Tennessee Copper Company. Flexible coupling. 1,911,846; May 30.
- Queen, Walter K., Needham Heights, Mass. Making rod packing. 1,893,597; Jan. 10.
- Quelch, George C., Oakmont, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Research Laboratories, Inc., New York, N. Y. Gas package. 1,907,579; May 9.
- Quemin, Maurice, LeMans, France. Aeroplane. 1,921,636; Aug. 8.
- Queneau, Augustin L. J., New York, N. Y. Roasting ores. 1,905,604; Apr. 25.
- Queneau, Augustin L. J., New York, N. Y. Apparatus for roasting zinc ores. 1,929,713; Oct. 10.
- Queneau, Augustin L. J., New York, N. Y. Roasting zinc sulphide ores. 1,930,370; Oct. 10.
- Querfurth, Wilhelm, Constance, assignor, by mesne assignments, to Deutsche Gold- und Silber-Scheidenstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Production of ketones. 1,929,331; Oct. 3.
- Quesenberry, Henry C., Delton, Va. Track tool. 1,925,203; Sept. 5.
- Quesseque, Jean, Issy-les-Moulineaux, France, assignor to General Electric Company. Incandescent electric lamp. 1,899,587; Feb. 28.
- Quick, Alfred A., Thornbury, Victoria, assignor to The X-Engine Company Limited, Melbourne, Victoria, Australia. Toothed transmission gearing. 1,896,099; Feb. 7.
- Quick, Charles H. (See Milligan, L. H., and Quick.)
- Quick, Claude E., Glendale, Calif., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Coating bakery goods. 1,908,539; May 9.
- Quick, Frank W., New York, N. Y. Brake for vehicles. 1,927,993; Sept. 26.
- Quick, George L., North Arlington, N. J., assignor to Deslauriers Column Mould Co., Inc., New York, N. Y. Mold for concrete construction. 1,925,775; Sept. 5.
- Quick, John W. (See Moran, J. J., and Quick.)
- Quigan, Frank J., Company. (See Quigan, Frank J., assignor.)
- Quigan, Frank J., Jackson Heights, N. Y., assignor to Frank J. Quigan Company, Inc. Handbag fastener. 1,931,707; Oct. 24.
- Quigley, Charles P., assignor to The American Hardware Corporation, New Britain, Conn. Doorlatch. 1,922,455; Aug. 15.
- Quigley Company. (See Quigley, Wirt S., assignor.)
- Quigley Company, Inc. (See Gaylord, Willis H., Jr., assignor.)
- Quigley, Michael F., Port Richmond, N. Y. Amphibian, fishing, life saving, and transporting device. 1,927,952; Sept. 26.
- Quigley, Olin P. (See Noble, G. G., and Quigley.)
- Quigley, W. A. (See Goble, Bert G., assignor.)
- Quigley, Wirt S., New York, N. Y., assignor to Quigley Company, Inc. Cementitious filling for flanged joints and the like. 1,919,037; July 18.
- Quill, Charles J., San Francisco, Calif. Display device. 1,906,413; May 2.
- Quimby, Allen, Portland, and S. J. Antworth, Houlton, assignors to Northern Maine Plywood Company, Portland, Maine. Container head or end wall construction. 1,941,189; Dec. 26.
- Quimby, Edwin M., Columbia, S. C. Collapsible container. 1,908,540; May 9.
- Quimby, Howard E., New York, N. Y., assignor to Quimby Pump Co. Inc., Newark, N. J. Pump. 1,938,719; Dec. 12.
- Quimby Pump Co. Inc. (See Quimby, Howard E., assignor.)
- Quimby, Ralph A., assignor to The Heald Machine Company, Worcester, Mass. Work-handling apparatus for grinding machines and the like. 1,926,959; Sept. 12.
- Quinby, Edwin J., Yonkers, N. Y., and G. P. Hopkins, Camden, N. J., assignors to Radio Corporation of America. Sound reproducer. 1,931,681; Oct. 24.
- Quinche, Albert. (See Lipmann, C., Strahm, and Quinche.)
- Quincy Stove Manufacturing Co. (See Lange, Henry, assignor.)
- Quinlan, Amos L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for constructing electrical coils. 1,895,487; Jan. 31.
- Quinlan, Kathleen Mary, Inc. (See Whitney, Elwood, assignor.)
- Quinn, Gilbert F., Revere, Mass. Tread member and making the same. 1,935,519; Nov. 14.
- Quinn, James J., Philadelphia, Pa. Cover for automobile rumble seats. 1,919,744; July 25.
- Quinn, John F. (See St. Clair, B. W., and Quinn.)
- Quinn, John P., Sioux City, Iowa. Hand and rotary sander. 1,893,679; Jan. 10.
- Quinn, John P., Sioux City, Iowa. Sanding block. 1,893,680; Jan. 10.
- Quinn, Joseph E., Burlingame, assignor to Geo. W. Caswell Co., San Francisco, Calif. Coffee roasting process. 1,900,072; Mar. 7.
- Quinn, Robert G., Glens Falls, assignor to International Paper Company, New York, N. Y. Fiber board and manufacturing same. 1,939,082; Dec. 12.
- Quiroz, Francisco A., Brooklyn, N. Y. Apparatus for separation. 1,894,520; Jan. 17.
- Quiroz, Francisco A., Brooklyn, N. Y. Apparatus for separation. 1,895,104; Jan. 24.
- Quivey, George W., Tacoma, Wash. Lubricator. 1,896,421; Feb. 7.
- Qviller, Olaf, assignor to A/S. Thunes mek. Vaerksted, Skoyen, near Oslo, Norway. Agitating tank for cellulose pulp and similar substances. 1,939,225; Dec. 12.
- R-B-M Manufacturing Co. (See Dashner, William W., assignor.)
- R. C. Can Company. (See Rutkowski, Walter L., assignor.)
- R. G. & W. M. Cory, Inc. (See Cory, R. G. and W. M., assignors.)
- R. M. Company. (See Murray, Howard J., assignor.)
- R. S. M. Company, The. (See Manning, Sanford E., assignor.)
- Raab, Charles, Chicago, Ill. Picture frame. Des. 91,122; Nov. 28.

- Raab, Philip A., Los Angeles, Calif. Automobile tire solder. 1,935,991; Nov. 21.
- Raab, Leonhard, Erlangen, Germany. Diaphragm apparatus for X-ray tubes. 1,909,118; May 16.
- Raean, Ole E., Fargo, N. Dak. Box car door. 1,893,105; Jan. 3.
- Raean, Ole E., Fargo, N. Dak. Wrecking bar. 1,898,853; Feb. 21.
- Raean, Siegwart, Chicago, Ill. Power operated ceiling washer. 1,927,186; Sept. 19.
- Raap, Peter H., Oak Park, Ill., assignor to Central Metallic Casket Company. Burial casket. Des. 88,891; Jan. 3.
- Raap, Peter H., Oak Park, Ill., assignor to Central Metallic Casket Company. Burial casket. Des. 88,931; Jan. 3.
- Rabak, Frank, Washington, D. C., assignor to the Government and the People of the United States of America. Coating and sealing red cedar lumber to prevent the escape of cedar aroma. 1,903,342; Apr. 4.
- Rabbes, Henry H., Washington, D. C. Foot rest. 1,893,681; Jan. 10.
- Rabbit, Frank, Baltimore, Md. Adjustable glare shield bracket. 1,895,583; Jan. 31.
- Rabe, Frederick W., St. Louis, Mo. Refrigerating apparatus. 1,901,190; Mar. 14.
- Rabe, Hans. (See Pungs, W., and Rabe.)
- Rabe, Hans. (See Pungs, R., Rabe and Zorn.)
- Raber, Franklin C., Akron, Ohio. Motor vehicle braking device. 1,935,414; Nov. 14.
- Rabezana, Hector, assignor to A C Spark Plug Company, Flint, Mich. Center wire screw assembly for radio plugs. 1,927,297; Sept. 19.
- Rabezana, Hector, assignor to A C Spark Plug Company, Flint, Mich. Assembling spark plugs. 1,940,323; Dec. 19.
- Rabezana, Hector, assignor to A C Spark Plug Company, Flint, Mich. Manufacture of spark plugs. 1,940,324; Dec. 19.
- Rabezana, Hector, assignor to A C Spark Plug Company, Flint, Mich. Shielded spark plug. 1,940,325; Dec. 19.
- Rabin, Della. (See Torch, Louis, assignor.)
- Rabin, Samuel, New York, N. Y. Blade sharpener. 1,909,009; May 16.
- Rabinowitz, Louis M., Brooklyn, N. Y. Feeding attachment for sewing machines. 1,915,580; June 27.
- Rabkin, William. (See Graf, Emil, assignor.)
- Racine, Mederic, Montreal, Quebec, Canada. Support for ironing boards, table tops, and the like. 1,912,541; June 6.
- Racine, Mederic, assignor of one-fourth to A. Tribault, Montreal, Quebec, Canada. Concealed ironing board. 1,892,963; Jan. 3.
- Racine Tool and Machine Company. (See Toohey, J. S., and Erskine, assignors.)
- Rack, Abraham, Los Angeles, Calif. Automatic seal for cream tubes. 1,913,509; June 13.
- Rack, Mathias W. (See Peal, John, assignor.)
- Rackett, Gerald F., assignor to Association of Motion Picture Producers, Inc., Los Angeles, Calif. Apparatus for projecting motion pictures. 1,918,488; July 18.
- Rackstraw, Albert V., Gardena, Calif. Incubator construction. 1,927,994; Sept. 26.
- Racouillat, George A., San Francisco, Calif. Branding machine for circular containers. 1,935,816; Nov. 21.
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 1,913,510; June 13.
- Radall, Tony. (See Lambert, Garrett, assignor.)
- Radasch, Arthur H., South Orange, N. J., assignor to The Barrett Company, New York, N. Y. Distilling tar and apparatus therefor. 1,927,298; Sept. 19.
- Raddatz, Richard. (See Rogers, H. S., and Raddatz.)
- Radecky, Edward H., Detroit, Mich., assignor to The Murray Corporation of America. Muffler for internal combustion engines. 1,900,026; Mar. 7.
- Radecky, Edward H., Detroit, Mich., assignor to The Murray Corporation of America. Muffler for internal combustion engines. 1,900,027; Mar. 7.
- Radel, Maurice L., St. Paul, Minn. Roofer's knife. 1,928,187; Sept. 26.
- Raden, Leon A., and A. Joze, Chicago, Ill. Game cabinet or similar article. Des. 89,246; Feb. 7.
- Rader, Claude E., and W. L. Stiles, Los Angeles, Calif. Clamping and locking device. 1,931,939; Oct. 24.
- Rader, Harold K., assignor to Mueller Brass Co., Port Huron, Mich. Wire. 1,916,990; July 4.
- Rader, Harold K., assignor to Mueller Brass Co., Port Huron, Mich. Apparatus for expanding conduits. N. Y. Traffic control system. 1,931,851; Oct. 24.
- Radermacher, August, and H. Bruckmann, Essen, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Check printing mechanism for cash registers. 1,934,003; Nov. 7.
- Radford, John B., Valois, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York. 1,938,194; Dec. 5.
- Radford, Stephen C., Oshkosh, Wis. Dish or similar article. Des. 89,792; May 2.
- Radford, William H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tank support. 1,914,673; June 20.
- Radford, William H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Shaft boot. 1,938,977; Dec. 12.
- Radigan, John E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming molds. 1,894,324; Jan. 17.
- Radigan, John E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Mold jolting and ramming machine. 1,932,803; Oct. 31.
- Radinse, Rudolf R., Avon Lake, Ohio. Rotary brush. 1,920,667; Aug. 1.
- Radiochemisches Forschungs-Institut, G. m. b. H. (See Plauson, Hermann, assignor.)
- Radio Condenser Company. (See Gilling, Preston E., assignor.)
- Radio Condenser Company. (See Noller, Friedrich, assignor.)
- Radio Corporation of America. (See Aceves, Julius G., assignor.)
- Radio Corporation of America. (See Albright, Wilhelm, assignor.)
- Radio Corporation of America. (See Avery, John M., assignor.)
- Radio Corporation of America. (See Ballantine, Stuart, assignor.)
- Radio Corporation of America. (See Barden, William S., assignor.)
- Radio Corporation of America. (See Barton, Frederick C., assignor.)
- Radio Corporation of America. (See Batchelor, John C., assignor.)
- Radio Corporation of America. (See Beane, E. A., and Andrews.)
- Radio Corporation of America. (See Beers, George L., assignor.)
- Radio Corporation of America. (See Beverage, H. H., and Peterson, assignors.)
- Radio Corporation of America. (See Bol, Cornelis, assignor.)
- Radio Corporation of America. (See Bonanno, Joseph L., assignor.)
- Radio Corporation of America. (See Braden, Rene A., assignor.)
- Radio Corporation of America. (See Browne, Cecil O., assignor.)
- Radio Corporation of America. (See Buckle, Horace L. T., assignor.)
- Radio Corporation of America. (See Buckle, H. L. T., and Thompsett, assignors.)
- Radio Corporation of America. (See Carlson, Wendell La V., assignor.)
- Radio Corporation of America. (See Carson, Benjamin R., assignor.)
- Radio Corporation of America. (See Carter, Philip S., assignor.)
- Radio Corporation of America. (See Carter, P. S., and Finch, assignors.)
- Radio Corporation of America. (See Cass, J. L., and Kreuzer, assignors.)
- Radio Corporation of America. (See Clark, George F., assignor.)
- Radio Corporation of America. (See Conklin, James W., assignor.)
- Radio Corporation of America. (See Creager, Frederick L., assignor.)
- Radio Corporation of America. (See Curtiss, Arthur N., assignor.)
- Radio Corporation of America. (See Dalheimer, Walther, assignor.)
- Radio Corporation of America. (See De Boer, J. H., Jonker, and van Gessel, assignors.)
- Radio Corporation of America. (See de Boer, J. H., and Teves, assignors.)
- Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
- Radio Corporation of America. (See Dorsey, Herbert G., assignor.)
- Radio Corporation of America. (See Douden, William L., assignor.)
- Radio Corporation of America. (See Dowsett, Harry M., assignor.)
- Radio Corporation of America. (See Drake, Frederick H., assignor.)
- Radio Corporation of America. (See Dreyer, Harry W., assignor.)
- Radio Corporation of America. (See Druyvesteyn, Mari J., assignor.)
- Radio Corporation of America. (See Dyksterhuis, Popko R., assignor.)
- Radio Corporation of America. (See Eckersley, Thomas L., assignor.)
- Radio Corporation of America. (See Eldred, Byron E., assignor.)
- Radio Corporation of America. (See Elliott, Harold F., assignor.)
- Radio Corporation of America. (See Ewen, Harry A., assignor.)
- Radio Corporation of America. (See Faas, Walter, assignor.)
- Radio Corporation of America. (See Farnham, Paul O., assignor.)
- Radio Corporation of America. (See Farnham, P. O., and Asserson, assignors.)
- Radio Corporation of America. (See Fernberg, Eric B., assignor.)
- Radio Corporation of America. (See Filippo, Hendrik, assignor.)
- Radio Corporation of America. (See Finch, James L., assignor.)
- Radio Corporation of America. (See Fitzgerald, Alan S., assignor.)

- Radio Corporation of America. (See Foster, Julius E., assignor.)
- Radio Corporation of America. (See Franklin, Charles S., assignor.)
- Radio Corporation of America. (See Franklin, C. S., and Green, assignors.)
- Radio Corporation of America. (See Franklin, Ralph E., assignor.)
- Radio Corporation of America. (See Gage, Edward G., assignor.)
- Radio Corporation of America. (See Gaubert, John Q., assignor.)
- Radio Corporation of America. (See Gieskieng, Marion W., assignor.)
- Radio Corporation of America. (See Goldsborough, Thaddeus R., assignor.)
- Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
- Radio Corporation of America. (See Goldsmith, A. N., and Wolf, assignors.)
- Radio Corporation of America. (See Green, Ernest, assignor.)
- Radio Corporation of America. (See Grinnell, C. N., and Stevenson, assignors.)
- Radio Corporation of America. (See Haigis, Carleton D., assignor.)
- Radio Corporation of America. (See Hannold, Leland S., assignor.)
- Radio Corporation of America. (See Hansell, Clarence W., assignor.)
- Radio Corporation of America. (See Hanson, Oscar B., assignor.)
- Radio Corporation of America. (See Hatch, Robert I., assignor.)
- Radio Corporation of America. (See Heuvelink, Dirk J., assignor.)
- Radio Corporation of America. (See Hewitt, Albertis, assignor.)
- Radio Corporation of America. (See High, Jurjen S., assignor.)
- Radio Corporation of America. (See Hollerith, Herman, Jr., assignor.)
- Radio Corporation of America. (See Holst, Gilles, assignor.)
- Radio Corporation of America. (See Holst, G., and Rinia, assignors.)
- Radio Corporation of America. (See Holst, G., Shepherd, and van Lis, assignors.)
- Radio Corporation of America. (See Holst, G., and van der Pol, assignors.)
- Radio Corporation of America. (See Hunt, Frederick G., assignor.)
- Radio Corporation of America. (See Jensen, Paul E. G., assignor.)
- Radio Corporation of America. (See Jones, William W., assignor.)
- Radio Corporation of America. (See Karolus, August, assignor.)
- Radio Corporation of America. (See Kendall, James M., assignor.)
- Radio Corporation of America. (See Klinkhamer, Hendrik A. W., assignor.)
- Radio Corporation of America. (See Knight, E., and Thompsett, assignors.)
- Radio Corporation of America. (See Koch, Winfield R., assignor.)
- Radio Corporation of America. (See Kroger, Fred H., assignor.)
- Radio Corporation of America. (See Lafferty, Charles L., assignor.)
- Radio Corporation of America. (See Lavoie, Stephen D., assignor.)
- Radio Corporation of America. (See Lely, Dirk, assignor.)
- Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
- Radio Corporation of America. (See Loewe, Siegmund, assignor.)
- Radio Corporation of America. (See Logwood, Charles V., assignor.)
- Radio Corporation of America. (See Ludenia, Werner, assignor.)
- Radio Corporation of America. (See Lunnon, Frederick C., assignor.)
- Radio Corporation of America. (See Mathieu, G. A. and Isted, assignors.)
- Radio Corporation of America. (See Mathieu, G. A., and Smith, assignors.)
- Radio Corporation of America. (See Maurer, John A., Jr., assignor.)
- Radio Corporation of America. (See May, Russell P., assignor.)
- Radio Corporation of America. (See Miessner, Benjamin F., assignor.)
- Radio Corporation of America. (See Mittell, Brencley E. G., assignor.)
- Radio Corporation of America. (See Moulton, Albert B., assignor.)
- Radio Corporation of America. (See Mulder, Johannes G. W., assignor.)
- Radio Corporation of America. (See Nordlohne, Pierre J. H. A., assignor.)
- Radio Corporation of America. (See Norrman, Ernst B., assignor.)
- Radio Corporation of America. (See Olson, H. F., and Kreuzer.)
- Radio Corporation of America. (See Oosterhuis, Ekko, assignor.)
- Radio Corporation of America. (See Patterson, Edward B., assignor.)
- Radio Corporation of America. (See Peterson, Harold O., assignor.)
- Radio Corporation of America. (See Plebanski, Jozef, assignor.)
- Radio Corporation of America. (See Pontonnier, Georges B. M., assignor.)
- Radio Corporation of America. (See Posthumus, Klaas, assignor.)
- Radio Corporation of America. (See Posthumus, K., and Weyers, assignors.)
- Radio Corporation of America. (See Ranger, Richard H., assignor.)
- Radio Corporation of America. (See Rinia, Herre, assignor.)
- Radio Corporation of America. (See Roberts, Walter V., assignor.)
- Radio Corporation of America. (See Roberts, Walter V. B., assignor.)
- Radio Corporation of America. (See Roberts, Walter van B., assignor.)
- Radio Corporation of America. (See Round, Henry J., assignor.)
- Radio Corporation of America. (See Round, H. J., and Robb, assignors.)
- Radio Corporation of America. (See Read, Sidney, Jr., assignor.)
- Radio Corporation of America. (See Rust, Nöel M., assignor.)
- Radio Corporation of America. (See Salzberg, Bernard, assignor.)
- Radio Corporation of America. (See Scheibell, Gordon B., assignor.)
- Radio Corporation of America. (See Seabert, John D., assignor.)
- Radio Corporation of America. (See Seeley, Stuart W., assignor.)
- Radio Corporation of America. (See Shapiro, Lazarus, assignor.)
- Radio Corporation of America. (See Smith, Sidney B., assignor.)
- Radio Corporation of America. (See Smith, Theodore A., assignor.)
- Radio Corporation of America. (See Snow, Harold A., assignor.)
- Radio Corporation of America. (See Starrett, John S., assignor.)
- Radio Corporation of America. (See Stevens, Leslie, assignor.)
- Radio Corporation of America. (See Strutt, M. J. O., and Dijksterhuis, assignors.)
- Radio Corporation of America. (See Teaf, John H., assignor.)
- Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)
- Radio Corporation of America. (See Thompson, Lincoln, assignor.)
- Radio Corporation of America. (See Tillyer, Edgar D., assignor.)
- Radio Corporation of America. (See Timmer, Anton L., assignor.)
- Radio Corporation of America. (See Tuska, Clarence D., assignor.)
- Radio Corporation of America. (See Usselman, George L., assignor.)
- Radio Corporation of America. (See Van Beusekom, Godefridus, assignor.)
- Radio Corporation of America. (See van der Mark, J., and van der Pol, assignors.)
- Radio Corporation of America. (See van der Pol, B., and Alexander, assignors.)
- Radio Corporation of America. (See Van Der Pol, B., and Van Der Mark, assignors.)
- Radio Corporation of America. (See Van Gessel, Karel M., assignor.)
- Radio Corporation of America. (See Van Gessel, K. M., Bandringa, and Morel.)
- Radio Corporation of America. (See Van Lis, Pieter H. A., assignor.)
- Radio Corporation of America. (See van Steenis, Otto L., assignor.)
- Radio Corporation of America. (See Weinberger, Julius, assignor.)
- Radio Corporation of America. (See Weinberger, J., and Wolf, assignors.)
- Radio Corporation of America. (See Whitaker, Alfred, assignor.)
- Radio Corporation of America. (See Whitaker, A., and Hallawell, assignors.)
- Radio Corporation of America. (See Whyte, Samuel, assignor.)
- Radio Corporation of America. (See Willans, P. W., and Ward, assignors.)
- Radio Corporation of America. (See Wilson, Howard A., assignor.)
- Radio Corporation of America. (See Wolff, Irving, assignor.)
- Radio Corporation of America. (See Wright, G. M., and Rust, assignors.)
- Radio Corporation of America. (See Wright, G. M., and Smith, assignors.)
- Radio Corporation of America. (See Wuinby, E. J., and Hopkins, assignors.)

- Radio Corporation of America. (See Zwikker, Cornelis, assignor.)
- Radio Corporation of America, Inc. (See Buzzelli, Julius C., assignor.)
- Radio Frequency Laboratories, Incorporated. (See Farnham, Paul O., assignor.)
- Radio Inventions, Inc. (See Alden, Milton, assignor.)
- Radio Inventions, Inc. (See Donle, Harold P., assignor.)
- Radio Inventions, Inc. (See Marvin, S. F., and Kayatt, assignors.)
- Radio-Keith-Orpheum Corporation. (See Dreher, Carl, assignor.)
- Radio-Keith-Orpheum Corporation. (See Spotts, Ralph K., assignor.)
- Radio Patents Corporation. (See Bacharach, G., and McCauliff, jr., assignors.)
- Radio Patents Corporation. (See Bethenod, Joseph, assignor.)
- Radio Patents Corporation. (See Burstyn, W., and Tausig, assignors.)
- Radio Patents Corporation. (See Coursey, Philip R., assignor.)
- Radio Patents Corporation. (See Dalpayrat, Henry F., assignor.)
- Radio Patents Corporation. (See Geffcken, R. H. H., and Richter, assignors.)
- Radio Patents Corporation. (See Harz, Hermann, assignor.)
- Radio Patents Corporation. (See Langewiesche, Wilhelm, assignor.)
- Radio Patents Corporation. (See MacDonald, Duncan M., assignor.)
- Radio Patents Corporation. (See Rath, Karl, assignor.)
- Radio Patents Corporation. (See Richter, Rudolf, assignor.)
- Radio Patents Corporation. (See Weber, Paul, assignor.)
- Radio Products Company, The. (See Jackson, Paul F., assignor.)
- Radio Research Laboratories, Inc. (See Haffcke, Philip M., assignor.)
- Radio Television Industries Corporation. (See Gilman, Louis, assignor.)
- Radio Television Industries Corporation. (See Smith, Lincoln H., assignor.)
- Radio Vision, Inc. (See Ferris, Warren B., assignor.)
- Radium Emanation Corporation. (See Kipe, Lorenzo D., assignor.)
- Radius, Edward W., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain for mining machines. 1,902,420; Mar. 21.
- Radius, Edward W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,932,187; Oct. 24.
- Radke, Gottlieb, and S. Schlau, assignors to Safe-T-Lock Co., New York, N. Y. Panic-release doorlock. 1,941,225; Dec. 26.
- Radke, William A., assignor to The Studebaker Corporation, South Bend, Ind. Tail lamp fixture. 1,905,568; Apr. 25.
- Radlauer, Arthur M., Providence, R. I. Circlet. 1,912,465; June 6.
- Radle, Henry J., Evanston, Ill., assignor to Monark Battery Company, Inc. Grid pasting machine. 1,894,705; Jan. 17.
- Radley, Alton A., Jr., assignor of one-fourth to John G. Hogan, Whitefish, Mont. Valve and valve-seat refinishing tool. 1,900,075; Mar. 7.
- Radley, Bertram V., Shaldon, near Teignmouth, England. Appliance for golf practice. 1,916,740; July 4.
- Radley, Bertram V., Shaldon, near Teignmouth, England. Appliance for golf practice. 1,926,753; Sept. 12.
- Racnor, Jess C., New York, N. Y. Aircraft landing gear. 1,918,426; July 18.
- Rado, Leopold, Berlin-Halensee, Germany. Metal film. 1,906,199; Apr. 25.
- Rado, Leopold, Berlin-Wannsee, Germany. Flexible tubing. 1,937,069; Nov. 28.
- Radzinsky, Harry. (See Brell, Jules J., assignor.)
- Radzinsky, Harry, assignor to International Banning Machine Company, New York, N. Y. Cigar wrapper and making the same. 1,893,523; Jan. 10.
- Raepsaet, Maurice P. H. L., Aurec-sur Loire (Haute Loire), assignor to Societe Belge Du Caoutchouc Mousse, Berchem-Ste-Agathe lez Bruxelles, Belgium. Manufacture of bands of cellular rubber with closed cells. 1,931,964; Oct. 24.
- Raepsaet, Maurice P. H. L., Aurec-sur-Loire (Haute Loire), France, assignor to Societe Belge du Caoutchouc Mousse, Berchem-Ste-Agathe lez Bruxelles, Belgium. Manufacturing balls and small articles of closed-cell cellular rubber. 1,941,053; Dec. 26.
- Raff, Phillip, Chicago, Ill. Combined lighting and air circulating fixture. Des. 88,985; Jan. 10.
- Rafferty, Arthur W. (See Wilkins, C. E., and Rafferty.)
- Raffinrie Tirlemontoise, Société Anonyme. (See Bergé, Julien, assignor.)
- Raffoor, Emil, Duisburg, Germany, assignor to Charlotte Chemical Laboratories, Charlotte, N. C. Desulphurizing gases. 1,900,667; Mar. 7.
- Raffold Process Corporation. (See Rafton, Harold R., assignor.)
- Raffold Process Corporation. (See Rafton, H. R., and Brooks, assignors.)
- Rafter, Albert, assignor to Rafter Machine Company, Belleville, N. J. Machine for bending sheet metal shapes. 1,908,182; May 9.
- Rafter, Albert, assignor to Rafter Machine Company, Belleville, N. J. Machine for rolling sheet metal shapes. 1,925,542; Sept. 5.
- Rafter, Albert, assignor to Rafter Machine Company, Belleville, N. J. Machine for rolling sheet metal shapes. 1,927,501; Sept. 19.
- Rafter, Albert, assignor to Rafter Machine Company, Belleville, N. J. Machine for rolling sheet metal shapes. 1,938,932; Dec. 12.
- Rafter Machine Company. (See Rafter, Albert, assignor.)
- Raftis, Lillian B., executrix. (See Raftis, Richard W.)
- Raftis, Richard W., deceased, L. B. Raftis, executrix, assignor to L. B. Raftis, Chicago, Ill. Wall. 1,913,638; June 13.
- Rafton Engineering Corporation. (See Rafton, Harold R., assignor.)
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Manufacture of carbonate filled sized paper. Re18,983; Oct. 31.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 1,897,145; Feb. 14.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 1,898,098; Feb. 21.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 1,904,251; Apr. 18.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 1,914,526; June 20.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 1,920,942; Aug. 1.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Manufacture of paper. 1,922,325; Aug. 15.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Reduction of solids. 1,934,637; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Alkaline filler. 1,934,638; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Alkaline filler. 1,934,639; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Raffold Engineering Corporation. Satin white. 1,934,640; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Rafton Engineering Corporation. Satin white. 1,934,641; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Rafton Engineering Corporation. Clay. 1,934,642; Nov. 7.
- Rafton, Harold R., Andover, Mass., assignor to Rafton Engineering Corporation. Wire cloth and producing the same. 1,934,643; Nov. 7.
- Rafton, Harold R., and A. M. Brooks, Andover, Mass., assignors to Raffold Process Corporation. Paper manufacture. 1,914,527; June 20.
- Ragan, Frederick H., Shaker Heights, assignor to The Columbia Axle Company, Cleveland, Ohio. Universal joint. 1,898,265; Feb. 21.
- Ragan, Frederick H., Shaker Heights, assignor to The Columbia Axle Company, Cleveland, Ohio. Swivel joint. 1,908,789; May 16.
- Ragan, Frederick H., Cleveland, Ohio. Brake mechanism. 1,934,090; Nov. 7.
- Ragan, Thomas M., assignor to E. B. Wiggins, Los Angeles, Calif. Coupling. 1,916,284; July 4.
- Ragatz, Edward G., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for controlling temperatures. 1,898,572; Feb. 21.
- Rager, Franklin B., Johnstown, Pa. Rail fastener. 1,934,142; Nov. 7.
- Ragg, Alphonse F. M., Wentorf in Holstein, assignor of one-half to J. F. Rahtjen, Altona-Ottensen, Germany. Method and apparatus for producing mixtures containing metal powder. 1,915,201; June 20.
- Ragland, William T., Chicago, Ill. Antenna for radio receiving sets. 1,915,472; June 27.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car. Des. 90,166; June 20.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car. Des. 90,167; June 20.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Des. 90,168; June 20.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal airplane structure. 1,907,002; May 2.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal joint construction. 1,914,344; June 13.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Open truss girder. 1,924,880; Aug. 29.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Open truss girder. 1,924,881; Aug. 29.

- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure especially adapted for airplane rudders. 1,927,072; Sept. 19.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding. 1,933,484; Oct. 31.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Metal die and making the same. 1,935,916; Nov. 21.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Apparatus for electric welding. 1,938,499; Dec. 5.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal truss structure. 1,939,598; Dec. 12.
- Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Mfg. Co., Philadelphia, Pa. Aerofoil beam. 1,939,599; Dec. 12.
- Ragsdale, Earl J. W., Norristown, assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle brake. 1,940,100; Dec. 19.
- Ragsdale, Earl J. W., assignor to Budd Wheel Company, Philadelphia, Pa. Self-adjusting brake mechanism. 1,902,181; Mar. 21.
- Ragsdale, John B., Whittier, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif. Core catcher. 1,899,354; Feb. 28.
- Rah, Joseph, assignor to The Delta-Star Electric Company, Chicago, Ill. Flexible connector for cable terminators. 1,901,665; Mar. 14.
- Rah, Joseph, assignor to The Delta-Star Electric Company, Chicago, Ill. Cable terminator cap assembly. 1,901,666; Mar. 14.
- Rah, Joseph, assignor to The Delta-Star Electric Company, Chicago, Ill. Cable terminator provided with means for insulating ends of cable sheaths. 1,901,669; Mar. 14.
- Rah, Joseph, assignor to G. & W. Electric Specialty Co., Chicago, Ill. Conductor disconnecter. 1,911,647; May 30.
- Rah, Joseph C., assignor to Delta Star Electric Company, Chicago, Ill. Oil switch. 1,898,744; Feb. 21.
- Rah, Joseph C., assignor to The Delta Star Electric Company, Chicago, Ill. Cable terminator. 1,901,667; Mar. 14.
- Rahn Aircraft Corporation. (See Rahn, William, assignor.)
- Rahn, Georg, Frankfort-on-the-Main, Germany. Storing box. 1,923,228; Aug. 22.
- Rahn, Philip. (See Fairbank, Roswell L., assignor.)
- Rahn, William, New York, N. Y., assignor to Rahn Aircraft Corporation. Aeronautic equipment. 1,894,057; Jan. 10.
- Rahtjen, John F. (See Ragg, Alphonse F. W., assignor.)
- Raible, Charles G., Shaker Heights, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Collar button. 1,931,326; Oct. 17.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Co. Manufacture of rubber tubing. 1,940,145; Dec. 19.
- Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
- Railroad Accessories Corporation. (See Lavarack, Frederick C., assignor.)
- Railroad Accessories Corporation. (See Lavarack, William H. B., assignor.)
- Railroad Accessories Corporation. (See Smith, Earl B., assignor.)
- Rails Company, The. (See Kropp, William, assignor.)
- Railway Devices Company. (See Pietzsch, Frank H., assignor.)
- Railway Engineering Equipment Company. (See Brock, Edison, assignor.)
- Railway Engineering Equipment Company. (See Hawe, John E., assignor.)
- Railway Engineering Equipment Company. (See Phelps, Barton P., assignor.)
- Railway and Industrial Engineering Company. (See Kopitz, Carl G., assignor.)
- Railway and Industrial Engineering Company. (See Kopitz, C. G., and Massey, assignors.)
- Railway and Industrial Engineering Company. (See Massey, Hemsley B., assignor.)
- Railway and Industrial Engineering Company. (See Massey, H. B., and Maseng, assignors.)
- Railway & Industrial Engineering Company. (See Medlin, John P., assignor.)
- Railway and Industrial Engineering Company. (See Musgrave, Arthur T., assignor.)
- Railway Maintenance Corporation. (See Merk, Lawrence A., assignor.)
- Railway Metal Products Company. (See Gilpin, Garth G., assignor.)
- Railway Metal Products Company. (See Murphy, Walter P., assignor.)
- Railway Metal Products Company. (See Small, Arthur E., assignor.)
- Railway Service & Supply Corporation, The. (See Pearce, Edwin S., assignor.)
- Railway Utility Company. (See Hartwig, William G., assignor.)
- Railway Utility Company. (See Pine, W. J., and Willer, assignors.)
- Railways Ice Company, The. (See Blatti, Albert L., assignor.)
- Railways Material Corporation. (See Folsom, E. C. and Olf, assignors.)
- Rainbault, John P., New York, N. Y., assignor to General Electric Company. Clock case. Des. 91,085; Nov. 21.
- Rainbault, John P., New York, N. Y., assignor to General Electric Company. Clock case. Des. 91,086; Nov. 21.
- Raines, Ewell A., Tulsa, Okla. Dispensing apparatus. 1,902,046; Mar. 21.
- Raines, Ewell A., Tulsa, Okla. Tank valve. 1,923,503; Aug. 22.
- Rainey, Albert J. (See Knight, J. B., and Rainey.)
- Rainey, Clara H., Malone, N. Y. Diaper. 1,934,558; Nov. 7.
- Rainey, David M., Stratford, Conn. Padlock. 1,892,964; Jan. 3.
- Rainey, Harry. (See Oster, C. B. and Rainey.)
- Rainey, Paul M., assignor to Combination Selector Company, Incorporated, Montclair, N. J. Lubricating system. 1,910,053; May 23.
- Rainwater, Bertram A., Clayton, Mo. Cutting device. 1,940,270; Dec. 19.
- Raisch, Charles F., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,917,949; July 11.
- Raisch, William, Forest Hills, and A. G. Fleck, Brooklyn, N. Y., assignors to Municipal Sanitary Service Corporation. Control device for pressure tanks. 1,911,530; May 30.
- Raisch, William, Forest Hills, N. Y., and A. Wright, Upper Montclair, N. J., assignors, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Sewage treatment and disposal. 1,937,481; Nov. 28.
- Raisig, Charles L. (See Iversen, L., Fisk, and Raisig.)
- Raiziss, George W., Philadelphia, Pa., assignor to Abbott Laboratories, North Chicago, Ill. Oleaginous solution of mercury compounds and preparing the same. 1,920,523; Aug. 1.
- Raiziss, George W., and A. I. Kremens, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Nonacid salt of diamino dihydroxy-arsenobenzene dimethylene sulphonic acid. 1,895,681; Jan. 31.
- Raiziss, George W., and L. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Basic bismuth compound of campho-carbonic acid. 1,921,638; Aug. 8.
- Raiziss, George W., and Le R. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Mercury derivative of nitro-meta-cresols. 1,928,436; Sept. 26.
- Rajah Company, The. (See Bell, Robert A., assignor.)
- Rajah Company, The. (See Berthold, George H. E., assignor.)
- Rajah Company, The. (See Rowley, Charles A., assignor.)
- Rakestraw, Linn M., Beechhurst, assignor to Foster Wheeler Corporation, New York, N. Y. Waste heat boiler heated by gases from Diesel engines or the like. 1,925,646; Sept. 5.
- Rakestraw, Robert R. (See McKee, E. J., and Rakestraw.)
- Ralco Manufacturing Company. (See Lofgren, John, assignor.)
- Raley, Thomas C., assignor to Getz Exterminators, Inc., St. Louis, Mo. Distributor for insecticides and the like. 1,905,650; Apr. 25.
- Rall, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Starting ignition device. 1,922,779; Aug. 15.
- Rall, Max, and W. Walther, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Ignition control apparatus. 1,941,187; Dec. 26.
- Ralls, H. S. (See Higgins, Clark F., assignor.)
- Ralph, Sidney J. (See Sommer, J., and Ralph.)
- Ralston, Anderson W., and J. R. Wright, Baton Rouge, La., assignors to Standard-I. G. Company. Reactivating catalytic materials. 1,915,618; June 27.
- Ralston, Harley C., Cleveland, and T. D. Williams, Garfield Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Wire and rod handling machine. 1,933,450; Oct. 31.
- Ralston, Oliver C. (See Fowler, M. G., Kuzell, and Ralston.)
- Ralston, Oliver C., and K. M. Baum, assignor to United Verde Copper Company, Clarkdale, Ariz. Recovering sulphur. 1,892,999; Jan. 3.
- Ralston, Oliver C., and M. G. Fowler, assignors to United Verde Copper Company, Clarkdale, Ariz. Electrodeposition of metals. 1,925,339; Sept. 5.
- Ralston Purina Company. (See Bartz, John P., assignor.)
- Ralston Purina Company. (See Chilson, William T., assignor.)
- Ralston Steel Car Company. (See Symons, F. E., and Cowgill, assignors.)
- Ramage, Alexander S., assignor, by mesne assignments, to M. Wiley and O. L. Smith, trustees, Detroit, Mich. Conversion of gaseous paraffin or olefine hydrocarbon into liquid aromatic hydrocarbons. 1,900,997; Mar. 14.
- Ramage, Alexander S., Detroit, Mich., assignor to Coals and Chemicals, Ltd. Apparatus for the low temperature distillation of solid carbonaceous materials. 1,926,455; Sept. 12.

- Ramayya, Kolachala S., Brooklyn, N. Y., assignor to L. Sonneborn, Sons, Inc. Purifying petroleum sulphonic acids derived from the treatment of mineral oils with sulphuric acid. 1,930,488; Oct. 17.
- Ramayya, Kolachala S., Brooklyn, N. Y., assignor to L. Sonneborn Sons, Inc. Petroleum sulphonic acids, compositions containing said acids and preparing the same. 1,935,666; Nov. 21.
- Rambo, James H., assignor to Sexton Manufacturing Company, Fairfield, Ill. Apparel garment. 1,915,619; June 27.
- Rambo, Lyman A. (See Berga, O., and Rambo.)
- Ramclau, Axel, assignor, by mesne assignments, to Zerozone, Incorporated, Chicago, Ill. Refrigerating unit. 1,915,165; June 20.
- Ramclaw, Axel. (See Bibl, W. E., and Ramclaw.)
- Ramet Corporation of America. (See Balke, Clarence W., assignor.)
- Ramig, Frederick A., Brooklyn, N. Y. Handkerchief or similar article. Des. 89,919; May 16.
- Ramig, Frederick A., Brooklyn, N. Y. Handkerchief or similar article. Des. 89,920; May 16.
- Ramig, Frederick A., Brooklyn, N. Y. Handkerchief or similar article. Des. 90,048; May 30.
- Ramirez, Valentin E., San Francisco, Calif. Furniture. 1,926,915; Sept. 12.
- Ramondetta, Gaetano, assignor of ten per cent to T. Pupillo, ten per cent to G. Lopizzo, ten per cent to A. Seta, thirty per cent to S. Costanzo, and ten per cent to S. Reibera, New York, N. Y. Automatic vehicle jack. 1,920,216; Aug. 1.
- Ramos, Sebastião K., Lagoa Vermelha, Brazil. Automobile extractor. 1,901,261; Mar. 14.
- Ramsaur, Walter R., Lockport, N. Y., and T. P. Chase, assignors to General Motors Research Corporation, Detroit, Mich. Oil cooler. 1,902,970; Mar. 28.
- Ramsay, Erskine, Birmingham, Ala. Method and apparatus for mining double or parted seams. 1,919,528; July 25.
- Ramsay, Henry T., Gravesend, England, assignor to General Electric Company. Electric discharge tube. 1,939,462; Dec. 12.
- Ramsay, Ralph E., Madison, Wis., assignor to French Battery Company. Ice cream freezer. 1,934,276; Nov. 7.
- Ramsay, William A., Honolulu, Hawaii. Closure for vessels. 1,899,210; Feb. 28.
- Ramsay, Wm. C. (See Schmuhl, Byron M., assignor.)
- Ramsburg, Charles J., Edgeworth, Pa., assignor to The Koppers Company of Delaware. Gas manufacture. 1,920,951; Aug. 1.
- Ramsden, John T. (See Wallace, F. R., and Ramsden.)
- Ramsden, Louis A., Manchester, England. Electric lamp. Des. 89,921; May 16.
- Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
- Ramsey, Allan, Evanston, assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Disconnecting fuse mounting. 1,907,580; May 9.
- Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 1,907,581; May 9.
- Ramsey, Frank R., Portland, Oreg. Hoist. 1,936,642; Nov. 28.
- Ramsey, George, et al. (See Larsen, Louis G., assignor.)
- Ramsey, George, et al. (See Wuestman, Joseph V., assignor.)
- Ramsey, George M., Amarillo, Tex. Handgrip testing machine. 1,903,952; Apr. 4.
- Ramsey, John C., assignor to Ramsey Package Corp., Suffolk, Va. Fruit basket. 1,895,423; Jan. 24.
- Ramsey Package Corp. (See Ramsey, John C., assignor.)
- Ramsey, Silas G., University City, and E. S. Zacharias, Clayton, Mo. Electric light flasher. 1,928,437; Sept. 26.
- Ramsey, William B., Atlanta, Ga., and W. H. Noelting, assignors to Faultless Caster Company, Evansville, Ind. Top bearing adjustable and cushion frame for casters. 1,906,238; May 2.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Drawer latch for filing cabinets. 1,909,847; May 16.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Lock mechanism for cabinets. 1,909,848; May 16.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Metallic furniture. 1,914,646; June 20.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Metallic desk. 1,918,780; July 18.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Desk lock. 1,928,265; Sept. 26.
- Rand, Benjamin G., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Filing cabinet. 1,934,644; Nov. 7.
- Rand, James H., Jr., and J. A. Zellers, Buffalo, assignors to Remington Rand Inc., New York, N. Y. Top or cover plate for typewriting machines. Des. 89,410; Mar. 7.
- Rand, James H., Jr., and J. A. Zellers, Buffalo, assignors to Remington Rand Inc., New York, N. Y. Frame for typewriting machines. Des. 89,411; Mar. 7.
- Rand, McNally & Company. (See Campbell, Eugene R., assignor.)
- Randall Company, The. (See Dunn, Charles C., assignor.)
- Randall Company, The. (See Randall, Howard D., assignor.)
- Randall Company, The. (See Van Ausol, Joseph O., assignor.)
- Randall, Edison E., Kankakee, Ill. Draft regulator. 1,895,554; Jan. 31.
- Randall, George M., assignor to Plastic Products, Inc., Daytona Beach, Fla. Suture container and spool. 1,914,836; June 20.
- Randall, Howard D., Cincinnati, Ohio, assignor to The Randall Company. Runway structure. 1,934,816; Nov. 14.
- Randall, Howard D., assignor to The Randall Company, Cincinnati, Ohio. Staple blank or strip and making same. 1,939,631; Dec. 12.
- Randall, Howard D., assignor to The Randall Company, Cincinnati, Ohio. Portable pneumatic stapling machine. 1,939,632; Dec. 12.
- Randall, James W. H., New York, N. Y., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing laminated glass. 1,897,862; Feb. 14.
- Randall, Karl C., Edgewood, Pa., assignors to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,905,501; Apr. 25.
- Randall, Lucius Y., Gaffney, S. C. Universal joint. 1,912,095; May 30.
- Randall, Lucius Y., Gaffney, S. C. Reenforcement device. 1,931,269; Oct. 17.
- Randall, Meredith S. (See Woodall, H. J., and Randall.)
- Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Wall panel. 1,940,969; Dec. 26.
- Randall, Norman B., Detroit, Mich. Display rack. 1,909,503; May 16.
- Randall, Parke, Croix Wasquehal, France, assignor to International Harvester Company. Side delivery rake. 1,911,391; May 30.
- Randall, Richard W., and J. C. Koch, Stockton, Calif. Tube cleaner. 1,929,650; Oct. 10.
- Randall, Richard W., and J. C. Koch, Stockton, Calif. Tube cleaner. 1,935,992; Nov. 21.
- Randall, Walter F. (See Smith, W. S., Garnett, and Randall.)
- Randall, Walter H., Waterville, assignor, by mesne assignments, to Fidelity Trust Company, trustee, Portland, Me. Sizing. 1,914,163; June 13.
- Randall, Walter H., Waterville, assignor, by mesne assignments, to Fidelity Trust Company, Portland, Maine. Sized pulp stock and product therefrom. 1,918,781; July 18.
- Randall, Walter H., Waterville, assignor, by mesne assignments, to Fidelity Trust Company, Portland, Maine. Method of and apparatus for forming molded pulp articles. 1,918,782; July 18.
- Randall, William C., assignor to Detroit Steel Products Company, Detroit, Mich. Supporting means for insulating materials. 1,937,843; Dec. 5.
- Randel, Bo F., San Diego, Calif. Refrigeration. 1,906,414; May 2.
- Randel Bo F., San Diego, Calif. Heating with steam. 1,908,552; May 9.
- Randel, Bo F., San Diego, Calif. Refrigeration. 1,915,693; June 27.
- Randel, Bo F., San Diego, Calif. Refrigerating method and apparatus. 1,922,712; Aug. 15.
- Randel, Bo F., San Diego, Calif. Refrigeration. 1,922,713; Aug. 15.
- Randel, Bo F., San Diego, Calif., assignor to Electrolux Servel Corporation, New York, N. Y. Refrigerating means and method. 1,922,217; Aug. 15.
- Randel, Wilbur S., Farnams, Mass., assignor to United States Gypsum Company, Chicago, Ill. Model plaster. 1,901,056; Mar. 14.
- Randel, Wilbur S., assignor to United States Gypsum Company, Chicago, Ill. Manufacture of plaster of paris. 1,941,188; Dec. 26.
- Randel, Wilbur S., and M. C. Dailey, assignors to United States Gypsum Company, Chicago, Ill. High strength calcined gypsum and manufacturing same. 1,901,051; Mar. 14.
- Randel, Wilbur S., and M. C. Dailey, assignors to United States Gypsum Company, Chicago, Ill. Calcining gypsum. 1,931,240; Oct. 17.
- Randle, O. R., et al. (See Tedford, Julian P., assignor.)
- Randles, George E., assignor to The Foote-Burt Company, Cleveland, Ohio. Indexing mechanism for machine tools. 1,902,520; Mar. 21.
- Randolph, Alfred, and E. S. Dawson, assignors to The Deming Company, Salem, Ohio. Automatic oiling system. 1,933,684; Nov. 7.
- Randolph, Charles P., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Heating system for internal combustion engines. 1,920,805; Aug. 1.
- Randolph, Charles P., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Heating apparatus. 1,934,446; Nov. 7.
- Randolph, Donald W., assignor to A C Spark Plug Company, Flint, Mich. Making alloys. 1,919,479; July 25.
- Randolph, Frank K., Los Angeles, Calif. Selective recovery of iodine from brines. 1,907,333; May 2.
- Randolph, Harry B., London, England. Safety razor. 1,937,167; Nov. 28.

- Randrup, Benjamin B., San Francisco, Calif. Automobile wheel washer. 1,909,869; May 16.
- Raney, Clemma R. (See Lindgren, A. C., and Raney.)
- Raney, Clemma R. (See Lindgren, A. C., Raney, and Hitchcock.)
- Raney, Estel C., Columbus, Ohio. Thermic switch. 1,907,666; May 9.
- Raney, Estel C., Columbus, Ohio. Thermic switch. 1,907,869; May 9.
- Raney, Estel C., Columbus, Ohio. Electric plug connector. 1,922,394; Aug. 13.
- Raney, Estel C., Columbus, Ohio. Thermic switch. 1,932,988; Oct. 31.
- Raney, Murray, Chattanooga, Tenn. Preparing catalytic material. 1,915,473; June 27.
- Rang, Anton, Hamburg, Germany. Safety valve for acetylene torches. 1,930,107; Oct. 10.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Electrical music system. 1,901,985; Mar. 21.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Electrical music system. 1,901,986; Mar. 21.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Vacuum tube. 1,913,954; June 13.
- Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Synchronizing system. 1,940,016; Dec. 19.
- Ranhofer, Edward J., New York, N. Y. Ash receptacle. 1,912,860; June 6.
- Ranish, Harry, Los Angeles, Calif. Mopping, spreading, and polishing device. 1,894,420; Jan. 17.
- Ranish, Harry, Los Angeles, Calif. Combination house cleaner. 1,921,637; Aug. 8.
- Ranken, Harold R., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring apparatus. 1,934,882; Nov. 14.
- Rankin, Austin H., Rochester, N. Y. Die stamping machine. 1,934,277; Nov. 7.
- Rankin Automatic Glass Feeder Company, Limited. (See Rankin, Carl H., assignor.)
- Rankin, Carl H., assignor to Rankin Automatic Glass Feeder Company, Limited, York, England. Circulating glass in the forehearth of glass melting tanks. 1,912,306; May 30.
- Rankin, Donald A. (See Nollau, E. H., and Rankin.)
- Rankin, Knott C., assignor to Rockland & Rockport Lime Corporation, Rockland, Me. Material for making water-proof mortar and producing the same. 1,905,187; Apr. 25.
- Rankin, Lanning P., Dover, N. J., assignor to Hercules Powder Company, Wilmington, Del. Drying oil and producing the same. 1,910,564; May 23.
- Rankin, Lanning P., Dover, N. J., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and making. 1,935,917; Nov. 21.
- Rankin, Renville S., Hastings-upon-Hudson, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sewage disposal. 1,892,681; Jan. 3.
- Rankin, William A., Rock Island, assignor to Birtman Electric Company, Chicago, Ill. Swivel base construction. 1,901,120; Mar. 14.
- Rankin, William A., Rock Island, assignor to Birtman Electric Company, Chicago, Ill. Electric heater. 1,917,461; July 11.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Vacuum sealing structure. 1,905,751; Apr. 25.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Automatic electrical regulating arrangement. 1,916,072; June 27.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Fluid-break circuit interrupter. 1,917,155; July 4.
- Ranney, Leo, New York, N. Y. Submersible toy. 1,893,000; Jan. 3.
- Ranney, Leo, New York, N. Y. Hydraulic toy. 1,893,507; Jan. 10.
- Ranney, Leo, New York, and H. F. Gade, Brooklyn, N. Y.; said Gade assignor to said Ranney. Toy. 1,900,419; Mar. 7.
- Ransdell, Duncan D., and R. M. Dulin, jr., Washington, D. C. Connecting branches to mains. 1,907,188; May 2.
- Ransom & Randolph Company. (See Moore, Thomas E., assignor.)
- Ransome Concrete Machinery Company. (See Bushnell, J. E., and Cronk, assignors.)
- Ransome Concrete Machinery Company. (See Bushnell, J. E., and Lukachovic, assignors.)
- Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Indexing mechanism. 1,916,990; July 4.
- Ransomes, Sims & Jeffries Limited. (See Garrett, Francis A., assignor.)
- Ranstead, Guy S., Waukesha, Wis. Water cooler. 1,918,131; July 11.
- Ranstead, Norman H. (See Smith, A. D., and Ranstead.)
- Ranstead, Norman H., Whiting, Ind., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Process and apparatus for treating heavier hydrocarbons. 1,934,004; Nov. 7.
- Rantsch, Edward J., Hollis, N. Y., assignor to Hill Independent Manufacturing Company, Germantown, Pa. Seal press. 1,894,921; Jan. 17.
- Rantsch, Edward J., Hollis, N. Y., assignor to Hill Independent Manufacturing Company, Germantown, Pa. All aluminum packet seal. 1,916,636; July 4.
- Rapalus, Stefan. (See Muszynski, A., and Rapalus.)
- Rapay A. G. Haus Felsenau. (See Schlagintweit Friedrich, assignor.)
- Rapellin, René, San Gabriel, Calif. Grease gun. 1,905,569; Apr. 25.
- Raphael, Albert, Brooklyn, N. Y. Flexible reamer for cable terminals and the like. 1,919,745; July 25.
- Rapid 1001 Corporation. (See Jennings, William A., assignor.)
- Rapp, Axel G. J., assignor to H. S. Simpson, Chicago, Ill. Sand milling machine. 1,895,006; Jan. 24.
- Rappich, Gustave, West New York, N. J. Sanitary couch. 1,921,134; Aug. 8.
- Rarig, Walter A., Oakland, Calif. Motor vehicle attachment. 1,907,288; May 2.
- Räsänen, Isak, Helsingfors, Finland. Movable stove. 1,938,462; Dec. 5.
- Rasansky, Wilbert B., Milwaukee, Wis. Display device. 1,910,964; May 23.
- Rasbridge, Edward A., Lebanon, Pa. Card holder. 1,903,941; Apr. 18.
- Rasch, Ludvik, Oslo, Norway. Percussion tool. 1,920,765; Aug. 1.
- Raschig, Dr. F. G. m. b. H. (See Raschig, K., and Koebner, assignors.)
- Raschig, Kurt, and M. Koebner, assignors to Dr. F. Raschig G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Process and device for the manufacture of plates, section pieces, or the like from phenol-formaldehyde artificial resins. 1,934,817; Nov. 14.
- Raschka, Charles, Wauwatosa, assignor to Super-Steel Products Company, Milwaukee, Wis. Skylight. 1,921,303; Aug. 8.
- Rash, Albert Z., and W. Rogers, Santa Monica, assignors of one-third to Monteth Snedegar, Norwalk, Calif. Hydraulic brake. 1,923,115; Aug. 22.
- Rashleigh, Thomas P. K., assignor of one-third to G. J. Udy, and one-third to F. W. Herbert, Auckland, New Zealand. Motor vehicle head lamp. 1,908,553; May 9.
- Rasky, David, Duluth, Minn., assignor, by mesne assignments, to The International Honey-Butter Corporation, Cleveland, Ohio. Food product and producing the same. 1,892,902; Jan. 3.
- Rasmussen, Aksel F., et al. (See Rasmussen, Robert P., assignor.)
- Rasmussen, Alvin C., assignor to The Insley Manufacturing Company, Indianapolis, Ind. Grubbing attachment for excavating machines. 1,919,075; July 18.
- Rasmussen, Anders, New Albany, Ind. Steering mechanism. 1,920,890; Aug. 1.
- Rasmussen, Edvald L., et al. (See Rasmussen, Robert P., assignor.)
- Rasmussen, Frank H. (See MacCourt, W. D., Walsh, and Rasmussen.)
- Rasmussen, Frank H. assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 1,931,081; Oct. 17.
- Rasmussen, Olaf. (See Hunt, J. H., and Rasmussen.)
- Rasmussen, Peter C., Rock Island, Ill., assignor to Republic Steel Corporation, Youngstown, Ohio. Fence post. 1,911,087; May 23.
- Rasmussen, Rasmus. (See Copeland, F. L., and Rasmussen.)
- Rasmussen, Rasmus P. (See Tourchette, Joseph H., assignor.)
- Rasmussen, Richard E., Detroit, Mich. Steel strut aluminum piston. 1,909,633; May 16.
- Rasmussen, Robert P., assignor of one-fourth to E. L. Rasmussen and one-fourth to A. F. Rasmussen, Chicago, Ill. Air conditioning apparatus. 1,905,422; Apr. 25.
- Rasmussen, Sophus, assignor to American Gas Machine Company, Albert Lea, Minn. Vaporizing tube with gas connection. 1,893,598; Jan. 10.
- Rasmussen, Arthur W., Lead, S. Dak. Polish can or box. 1,918,664; July 18.
- Rasp, John N., McKeesport, Pa. Curtain rod tip or curtain protector. 1,902,182; Mar. 21.
- Rasse, Lawrence J. (See Franz, John W., assignor.)
- Rassieur, Benjamin F., Webster Groves, and C. P. Bascom, Clayton, assignors to Central Mine Equipment Co., St. Louis, Mo. Mining machine bit and bit holder. 1,897,331; Feb. 14.
- Rastetter, Louis, & Sons Company. (See Dick, Ralph W., assignor.)
- Rastetter, William C., Fort Wayne, Ind. Folding chair. 1,895,897; Jan. 31.
- Rastetter, William C., Fort Wayne, Ind. Folding chair. 1,919,746; July 25.
- Rastetter, William C., Fort Wayne, Ind. Frame construction. 1,926,817; Sept. 12.
- Ratajczak, Stephen. (See Stenzy, August F. P., assignor.)
- Ratcliff, Claude and W. D., Kingham, Ind. Vehicle independent wheel suspension. 1,915,474; June 27.
- Ratcliff, Raymond R., Columbus, Ohio. Flanged rubber insert for shoes. 1,926,818; Sept. 12.
- Ratcliff, William D. (See Ratcliff, Claude and W. D.)
- Ratelade, Marie A. R., assignor to Société Anonyme des Mécanique Verdol, Lyon, France. Selecting device for droppers of lace machines. 1,909,895; May 16.

- Rattelier-Parchet, Alfred, Genoa, Italy. Fuel injecting device. 1,940,510; Dec. 19.
- Raterink, Harry R. (See Somerville, I. C., and Raterink.)
- Räth, Curt. (See Binz, A., and Räth.)
- Räth, Curt, Leverkusen-on-the-Rhine, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pyracidone and making same. 1,895,105; Jan. 24.
- Räth, Curt, Opladen near Cologne, and F. Heckmanns, Leverkusen near Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Wood preserving media. 1,921,324; Aug. 8.
- Rath, Edwin L., Edmonton, Alberta, Canada. Double socket eccentric rock bit. 1,914,042; June 13.
- Rath, Jean P., Paris, France. Method and device for automatically reducing speed. 1,914,865; June 20.
- Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Electric amplifier. 1,927,846; Sept. 26.
- Rathbone, Elbridge H., Palmer, Mass. Lathe center. 1,941,054; Dec. 26.
- Rathbun, Edward, Toledo, Ohio. Fuel control system for oil engines. 1,906,334; May 2.
- Rathbun, Frank J. (See Smith, H. L., Rathbun, and Forman.)
- Rathbun, Harry B. (See French, Fred W. and L. H., and Rathbun.)
- Rathbun, Lloyd M. (See Webster, Lawrence B., assignor.)
- Rathbun, Sherrill S., Rockville Centre, N. Y. Power transmission. 1,904,530; Apr. 18.
- Rathburn, Emory L., Alexandria, Ind., assignor, by mesne assignments, to The Mantle Lamp Company of America, Chicago, Ill. Fuel-heating catalyzing burner. 1,906,335; May 2.
- Rathburn, Emory L., assignor, by mesne assignments, to The Mantle Lamp Company of America, Chicago, Ill. Fluid pressure fuel system. 1,939,318; Dec. 12.
- Rather, James B., and L. C. Beard, jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Corporation, New York, N. Y. Distillate petroleum products and treating same. 1,909,985; May 23.
- Rather, James B., L. C. Beard, jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Corporation, New York, N. Y. Distillate petroleum products and treating the same. 1,916,437; July 4.
- Rather, James B., and L. C. Beard, jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Corporation, New York, N. Y. Distillate petroleum products and treating the same. 1,916,438; July 4.
- Rathke, Harry C. (See Mitchell, J. S., and Rathke.)
- Ratier, Paulin J. P., Montrouse, France. Metallic propeller. 1,921,942; Aug. 8.
- Ratigan, James P., Los Angeles, Calif. Bearing for pump operating levers. 1,939,135; Dec. 12.
- Ratkowsky, Ferencz, Budapest, Hungary, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Apparatus for regulating alternating current circuits. 1,902,466; Mar. 21.
- Ratkowski, Thomas A., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Dragline bucket. 1,933,759; Nov. 7.
- Ratner, Elias, assignor, by mesne assignments, to Leviton Manufacturing Company, Inc., Brooklyn, N. Y. Push button electric switch. 1,929,900; Oct. 10.
- Ratner, Nathaniel C. (See Neuschotz, R. and Ratner.)
- Ratta, James A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Electric cable bond. 1,932,602; Oct. 31.
- Ratta, James A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Soldering form for cables. 1,935,747; Nov. 21.
- Rattay, Joseph J., Tolland, Mass. Apparatus for making wreaths. 1,929,563; Oct. 10.
- Ratterman, George B., New York, N. Y. Stand for electric irons. 1,911,088; May 23.
- Ratti, Roger, assignor to Durand & Huguenin S. A., Basel, Switzerland. Production of sulphaminic acids of 2-aminoanthrahydroquinone sulphuric acid esters. 1,934,143; Nov. 7.
- Rattie, Joseph M., Pawtucket, R. I. Sewing machine needle. 1,924,378; Aug. 29.
- Rattin, David E., et al. (See Ashley, J. D., jr., and Menamin, assignors.)
- Rattin, David E., et al. (See Menamin, Francis C., assignor.)
- Rau Fastener Company et al. (See Arthur, James H., assignor.)
- Rau Fastener Company. (See Finch, Caleb F., assignor.)
- Rau, Fritz, assignor of one-third to Mrs. H. Burns and one-third to H. Steinberg, Munchen, Germany. Paper tacking machine. 1,939,571; Dec. 12.
- Rauber, Benjamin T. (See Rauber, Houston A. and B. T.)
- Rauber, Houston A. and B. T., Montclair, N. J. Compact. 1,922,326; Aug. 15.
- Rauch, John D., assignor to The Ohio Power Shovel Company, Lima, Ohio. Tractor truck. 1,906,415; May 2.
- Rauch, John D., assignor to Ohio Power Shovel Company, Lima, Ohio. Hydraulic power shovel. 1,907,442; May 9.
- Rauchut, Frank J., Philadelphia, Pa. Broom and mop holder. 1,908,554; May 9.
- Rauen, Carl F. (See Apple, V. G., and Rauen.)
- Rauen, Carl F., Detroit, Mich. Mechanism for power transmission. 1,939,226; Dec. 12.
- Rauen, John T., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,940,640; Dec. 19.
- Rauh, Edgar M., Philadelphia, Pa. Combination cigarette dispenser and lighter. Des. 89,058; Jan. 17.
- Rauh, Frederic H., South Orange, assignor to J. Wiss & Sons Co., Newark, N. J. Tinner's snips. 1,894,787; Jan. 17.
- Rauh, Herbert H., Perryville, Mo. Clock. 1,911,038; May 23.
- Raule, Clifford T., Brookline, Pa. Reversing mechanism for machine tools. 1,896,752; Feb. 7.
- Raule, Clifford T., Brookline, Pa. Protector for bearing for high speed spindles. 1,899,164; Feb. 28.
- Raule, Clifford T., Brookline, Pa. Safety device for grinders. 1,905,651; Apr. 25.
- Raule, Clifford T., Brookline, Pa. Finish grinding and polishing. 1,914,647; June 20.
- Raule, Clifford T., Brookline, Pa. Safety device for multiple grinders. 1,926,214; Sept. 12.
- Raule, Clifford T., Brookline, Pa. Grinder. 1,933,028; Oct. 31.
- Raule, Clifford T., Brookline, Pa. Water cooled oiling system for ball bearings. 1,934,273; Nov. 7.
- Raulerson, Felder J. and H. H., Jacksonville, Fla. Speed boat. 1,901,357; Mar. 14.
- Raulerson, Hardy H. (See Raulerson, Felder J. and H. H.)
- Raulerson, Rayford, Dubuque, Iowa. Hat shaper. 1,899,636; Feb. 28.
- Raus, Anton J., Cleveland, Ohio. Cleaning apparatus. 1,893,844; Jan. 10.
- Rausch, Gottfried, Ammendorf, near Halle-on-the-Salle, Germany. Pressing and cutting mechanism for automatic cutting, dividing, and kneading machines. 1,926,242; Sept. 12.
- Rauschenbusch, Carl T., and F. Rauschenbusch, Kirchen-on-the-Sieg, Germany. Method of and apparatus for separating ore or metal of high specific gravity. 1,917,156; July 4.
- Rauschenbusch, Felix. (See Rauschenbusch, Carl T. and F.)
- Raven, Albert L., Mount Vernon, N. Y. Motion picture screen. 1,922,636; Aug. 15.
- Raver, William, assignor to J. B. Matthew, Sacramento, Calif. Battery terminal. 1,934,559; Nov. 7.
- Raylin, Frederick F., Miami, Fla. Removable service tray and support therefor. 1,896,971; Feb. 7.
- Raylin, Frederick F., Miami, Fla. Support for serving trays. 1,899,480; Feb. 28.
- Raylin, Frederick F., Miami, Fla. Hair drier. 1,931,965; Oct. 24.
- Raw, Charles, Toledo, Ohio. Key retainer. 1,912,307; May 30.
- Raw, George, Ravenswood, Low Fell, England. Apparatus for separating dust from air and gases. 1,919,303; July 25.
- Rawdon, Herbert, and W. E. Burnham, Wichita, Kans., assignor to Travel Air Company. Shock absorber. 1,902,421; Mar. 21.
- Rawers, William B., assignor, by mesne assignments, to Gas Kraker Corporation, Chicago, Ill. Gas and air mixer for hydrocarbon engines. 1,901,191; Mar. 14.
- Rawleigh, W. T., Company, The. (See Neely, William J., assignor.)
- Rawles, Garnett R., and A. Tedder, Memphis, Tenn. Cylinder construction. 1,892,852; Jan. 3.
- Rawlings, Arthur L., London, England, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic compass. 1,923,885; Aug. 22.
- Rawlings, John J., assignor to The Rawlplug Company Limited, London, England. Bolt anchor. 1,921,981; Aug. 8.
- Rawlings, John J., South Kensington, London, assignor to The Rawlplug Company Limited, London, England. Wall plug. 1,934,560; Nov. 7.
- Rawlings Manufacturing Company. (See Scudder, Mason, assignor.)
- Rawlings Manufacturing Company. (See Whitley, William P., assignor.)
- Rawlplug Company, The. (See Gelpcke, Alfred W., assignor.)
- Rawlplug Company, The. (See Rawlings, John J., assignor.)
- Rawlplug Company Limited, The. (See Rawlings, John J., assignor.)
- Rawls, Silas E. (See Rayniak, Joseph G., assignor.)
- Rawls, Silas E., Streator, Ill. Mowing machine. 1,908,555; May 9.
- Rawnsley, Adin P., Detroit, Mich. Button feeding attachment. 1,940,229; Dec. 19.
- Rawson, Arthur H. C. A., London, England, assignor to Autogiro Company of America, Willow Grove, Pa. Aircraft having freely rotative sustaining wings. 1,921,839; Aug. 8.
- Rawson, Ed. (See Woznack, Michael J., assignor.)
- Rawson, Leslie A., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Oil pumping apparatus. 1,896,558; Feb. 7.
- Ray, Arthur J., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multi-office automatic telephone system. 1,910,405; May 23.
- Ray Burner Company. (See Ray, William A., assignor.)
- Ray, Charles H., Little Rock, Ark. Street sweeping machine. 1,906,766; May 2.

- Ray, Charles T., assignor to B. F. Avery & Sons, Louisville, Ky. Seed planter. 1,903,836; Apr. 18.
- Ray, Charles T., assignor to B. F. Avery & Sons, Louisville, Ky. Tillage implement. 1,921,480; Aug. 8.
- Ray, Charles T., assignor to B. F. Avery & Sons, Louisville, Ky. Seed planter. 1,933,515; Oct. 31.
- Ray, Dean G., Woodburn, assignor to Special Equipment Company, Portland, Oreg. Paring knife. 1,907,582; May 9.
- Ray, Edgar H., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Discharge door for furnaces. 1,923,886; Aug. 22.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Thermostatic wax pot. 1,923,584; Aug. 22.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 1,930,489; Oct. 17.
- Ray, George M., Newton, assignor to Bancroft-Walker Company, Boston, Mass. Footwear and making the same. 1,937,716; Dec. 5.
- Ray, Kenneth W., Iowa City, Iowa, and H. W. Gould, De Kalb, Ill., assignors, by mesne assignments, to The American Brass Company, Waterbury, Conn. Copper zinc silicon alloys. 1,933,390; Oct. 31.
- Ray, Leonard A., Center Rutland, Vt. Window screen. 1,893,651; Jan. 10.
- Ray, Oscar, Dallas, Tex. Game board or analogous article. Des. 89,093; Jan. 24.
- Ray, William A., assignor to Ray Burner Company, San Francisco, Calif. Oil burning apparatus and method. 1,899,396; Feb. 28.
- Raybestos-Manhattan, Inc. (See Abert, H., and Whitelaw, assignors.)
- Raybestos-Manhattan, Incorporated. (See Bodine, Alfred V., assignor.)
- Raybestos-Manhattan, Inc. (See Matthews, John H., assignor.)
- Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
- Raybestos-Manhattan, Inc., et al. (See Novotny, E. E., and Kuzmick, assignors.)
- Rayburn, Alden G., Sausalito, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Power transmission. 1,904,011; Apr. 18.
- Rayburn, Alden G., Sausalito, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Power transmission. 1,910,054; May 23.
- Rayburn, Alden G., Sausalito, Calif., assignor to Automotive Engineering Corporation. Compensating spring suspension for vehicles. 1,912,308; May 30.
- Rayburn, Alden G., Sausalito, Calif., assignor, by mesne assignments, to Automotive Engineering Corporation. Resilient suspension for vehicles. 1,912,498; June 6.
- Raycol British Corporation Limited. (See Alldridge, Reginald S., assignor.)
- Raycol British Corporation Limited. (See Bernardi, Anthony, assignor.)
- Ray-dio-Ray Corporation. (See Golden, Kenneth E., assignor.)
- Ray-Dio-Ray Manufacturing Corporation. (See Golden, Kenneth E., assignor.)
- Rayfield, Frederick J., assignor to Champion Pneumatic Co., Chicago, Ill. Lubricating system. 1,892,849; Jan. 3.
- Raym, Willibald, Deuz, K. Mertens, Kladfeld, and A. Sälzer, Geisweid, assignors to Hundt & Weber Gesellschaft mit beschränkter Haftung, Geisweid, Germany. Preparing open and closed hollow bodies by centrifugal casting. 1,921,699; Aug. 8.
- Raymond, Albert V., Grenoble, France. Slider operating closures. 1,896,012; Jan. 31.
- Raymond, Arthur E., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Tail wheel construction. 1,895,682; Jan. 31.
- Raymond Bag Company, The. (See Sharkey, William E., assignor.)
- Raymond Bag Company, The. (See Woodward, Donald E., assignor.)
- Raymond Brothers Impact Pulverizer Co. (See Crites, Joe, assignor.)
- Raymond Brothers Impact Pulverizer Company, The. (See O'Mara, Richard F., assignor.)
- Raymond, Carl L., Sanford, assignor of one-half to W. J. McCracken, Miami, Fla., and one-half to E. H. Raymond, Washington, D. C. Pipe joint. 1,923,504; Aug. 22.
- Raymond, Charles E., Boston, Mass. Dispensing container for tablets and the like. 1,904,386; Apr. 18.
- Raymond Concrete Pile Company. (See Hart, L., and Schroeder, assignors.)
- Raymond Concrete Pile Company. (See Hughes, T. L., and Twist, Jr., assignors.)
- Raymond Concrete Pile Company. (See Schroeder, Frederick A., assignor.)
- Raymond Concrete Pile Company. (See Schroeder, F. A., and Twist, assignors.)
- Raymond Concrete Pile Company. (See Smith, Herman R., assignor.)
- Raymond Concrete Pile Company. (See Upson, Maxwell M., assignor.)
- Raymond Concrete Pile Company. (See Watt, Ellihu D., assignor.)
- Raymond, Earl H., et al. (See Raymond, Carl L., assignor.)
- Raymond, Edward F. (See Wickersham, N. W., and Raymond.)
- Raymond, Edward F., Long Beach, Calif. Combination sledge. 1,930,825; Oct. 17.
- Raymond, Edward J., Seattle, Wash. Merchandise dispensing apparatus. 1,919,667; July 25.
- Raymond, Gussie E., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,915,383; June 27.
- Raymond, Gwynne, Kansas City, Mo. Oil and gas separator. 1,897,332; Feb. 14.
- Raymond, Gwynne, Kansas City, Mo. Inverse valve control for liquid and gas separators. 1,897,398; Feb. 14.
- Raymond, Gwynne, Kansas City, Mo. Welding gantry. 1,910,259; May 23.
- Raymond, Gwynne, Kansas City, Mo. Apparatus for controlling flow of fluid from oil wells. 1,913,041; June 6.
- Raymond, Gwynne, Kansas City, Mo. Tell-tale wear plate. 1,913,564; June 13.
- Raymond, Gwynne, Kansas City, Mo. Spray extractor. 1,916,528; July 4.
- Raymond, Gwynne, Kansas City, Mo. Safety device for high pressure vessels. 1,930,960; Oct. 17.
- Raymond, Gwynne, Kansas City, Mo. Oscillator for automatic electric welding heads. 1,933,340; Oct. 31.
- Raymond, Harley D. (See Hopkins, R. Z., Fellers, and Raymond.)
- Raymond, Henry. (See Simon, A. W., Kron and Raymond.)
- Raymond, Henry. (See Simon, A. W., Kron, Watson and Raymond.)
- Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Garage door holder. 1,936,365; Nov. 21.
- Raymond, Joseph, Detroit, Mich. Sign construction and support. 1,915,801; June 27.
- Raymond, Lambert L., Minneapolis, Minn. Reflector for Christmas trees. 1,901,472; Mar. 14.
- Raymond, Thomas E., Zanesville, Ohio, assignor to Simplex Engineering Company. Hydraulic device for opening and closing filter presses and other pressure-applying mechanisms. 1,904,531; Apr. 18.
- Raymond, William A. (See Humason, G. A., and Raymond.)
- Rayner Decalcomania Company. (See Edghill, Frederick A., assignor.)
- Rayner, Lester H., et al. (See Buchel, Jules, assignor.)
- Rayniak, Joseph G., Waukegan, assignor, by mesne assignments, to Silas E. Rawls, Streator, Ill. Mowing machine. 1,910,447; May 23.
- Raynolds, David W., and P. J. Schwarzhaupt, Scotia, N. Y., assignors to General Electric Company. Sound recording apparatus. 1,896,851; Feb. 7.
- Raynolds, Reginald M., New York, assignor to McMillan Book Company, Syracuse, N. Y. Leaf flipper. 1,894,241; Jan. 10.
- Raynor, John S., Holmesburg, Pa. Bed for plastic material. 1,926,791; Sept. 12.
- Ray-Signs Corporation. (See Haggart, John C., Jr., assignor.)
- Raytheon Inc. (See Bush, Vannevar, assignor.)
- Raytheon, Inc. (See Crout, Prescott D., assignor.)
- Raytheon Inc. (See Fleming, Wilfred K., assignor.)
- Raytheon, Inc. (See Smith, Charles G., assignor.)
- Raytheon Inc. (See Spencer, Percy L., assignor.)
- Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
- Raytheon Production Corporation. (See Malloy, Paul V., assignor.)
- Raytheon Production Corporation. (See Spencer, John A., assignor.)
- Rayton, Wilbur B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens system. 1,934,561; Nov. 7.
- Rea, Enos L., Oil City, Pa. Nut lock. 1,932,709; Oct. 31.
- Rea, James C., Oakland, Calif. Switch operator. 1,900,584; Mar. 7.
- Rea, James C., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Electrical switch. 1,894,421; Jan. 17.
- Rea, Pamela F. (See Rea, William V., and P. F.)
- Rea, Walter C., assignor to Detachable Bit Corporation of America, New York, N. Y. Drill. 1,902,098; Mar. 21.
- Rea, Walter C., assignor to Economy Rock Bit Corporation, Lancaster, Pa. Drill bit and making the same. 1,929,608; Oct. 10.
- Rea, William V., and P. F., Calumet City, Ill. Sanitary toilet seat pack and container. 1,924,513; Aug. 29.
- Rea, William V. and P. F., Calumet City, Ill. Removable container and sanitary pack. 1,934,326; Nov. 7.
- Rea, Wilton T., Flushing, N. Y., assignor to American Telephone and Telegraph Company. Telegraph system. 1,940,370; Dec. 19.
- Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf bag. 1,899,825; Feb. 28.
- Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Two-piece metal shaft for golf clubs. 1,904,750; Apr. 18.
- Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., Chicopee, Mass. Golf club. 1,910,055; May 23.

- Reach, William F., Springfield, Mass., assignor to A. G. Spaulding & Bros., New York, N. Y. Golf club with metallic shaft and hosel. 1,894,706; Jan. 17.
- Reach, William F., Springfield, Mass., assignor to A. G. Spaulding & Bros., New York, N. Y. Golf club with metallic shaft and hosel. 1,894,707; Jan. 17.
- Reach, William F., Springfield, Mass., assignor to A. G. Spaulding & Bros., New York, N. Y. Golf club. 1,906,239; May 2.
- Read, David Y., assignor of one-fourth to J. P. Grandy, and one-fourth to H. H. Snelling, Washington, D. C. Typewriting machine. 1,918,665; July 18.
- Read, Ernest K., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control relay. 1,916,439; July 4.
- Read, George B., Bloomington, Ill. Feeder. 1,907,443; May 9.
- Read, Henry, Tulsa, Okla. Concrete floor joist form construction. 1,900,301; Mar. 7.
- Read, John C., Rugby, England, assignor to General Electric Company. Vacuum pumping system. 1,935,415; Nov. 14.
- Read, Philip C. (See Hauk, Joseph, assignor.)
- Read, Sidney, jr., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical attenuating system. 1,916,187; June 27.
- Read, Verne R., Akron, Ohio. Apparatus for reclaiming claiming fluids. 1,914,703; June 20.
- Reader, Allan W., Ferndale, Mich., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,934,883; Nov. 14.
- Reader, Robert W., Harrisburg, assignor to New Brighton Novelties, Incorporated, New Brighton, Pa. Sharpening device. 1,907,870; May 9.
- Reading Hardware Corporation. (See Diehl, William S., assignor.)
- Reading Hardware Corporation. (See Kiehl, Harry G., assignor.)
- Reading Hardware Corporation. (See Lyons, A. G., and Mason, assignors.)
- Readio, James H., jr., Edgewood, R. I., assignor to Liberty Refrigeration Corporation. Beverage cooler. Des. 89,819; May 9.
- Ready, Gladys M., et al. (See McCorquodale, Wilmer E., assignor.)
- Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Socket structure for hand tools. 1,936,264; Nov. 21.
- Ready-Sudz Company. (See Goodloe, Aareiel E., assignor.)
- Reagan, Harry C., Nicoma Park, Okla. Thermionic valve. 1,940,185; Dec. 19.
- Reagan, Maurice E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor starting system. 1,930,538; Oct. 17.
- Reagan, Maurice E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transfer scheme for synchronous motors or condensers. 1,932,046; Oct. 24.
- Reagan, Oliver, Westport, Conn., assignor to American Telephone and Telegraph Company. Telephone stand or similar article. Des. 90,955; Oct. 31.
- Reagin, Robert L., assignor of one-third to C. T. Mefford, Kellyville, Okla. Apparatus for treating liquid with chemicals. 1,913,955; June 13.
- Reagles, Annie L., assignor to Elixman Paper Core Co. Inc., Corinth, N. Y. End cap for paper cores. 1,929,033; Oct. 3.
- Reagles, Annie L., assignor to Elixman Paper Core Co. Inc., Corinth, N. Y. End cap for paper cores. 1,929,034; Oct. 3.
- Reagles, Annie L., assignor to Elixman Paper Core Co. Inc., Corinth, N. Y. End cap for paper cores. 1,929,035; Oct. 3.
- Reagles, Annie L., assignor to Elixman Paper Core Co. Inc., Corinth, N. Y. End cap for paper cores. 1,929,036; Oct. 3.
- Reagles, Annie L., assignor to Elixman Paper Core Co. Inc., Corinth, N. Y. End cap for paper cores. 1,929,037; Oct. 3.
- Reale, Frank S. (See Fuschi, Antonio, assignor.)
- Reals, Clifford L., Syracuse, N. Y. Switch for controlling electrically operated circuit interrupters. 1,899,481; Feb. 28.
- Real Silk Hosiery Mills, Inc. (See Thompson, William L., assignor.)
- Real-Wa Company. (See Hart, Frank A., assignor.)
- Ream, Arthur, Chicago, Ill. Automobile heating system. 1,903,134; Mar. 28.
- Reardon, Earl T., assignor to Wagner Electric Corporation, St. Louis, Mo. Forming commutators. 1,909,634; May 16.
- Reardon, Harvey J., Chicago, Ill. Printing press. 1,924,288; Aug. 29.
- Reasoner, James A., Lancaster, Ohio. Brake shoe. 1,896,013; Jan. 31.
- Reasor, Edward J., Salem, Oreg. Fire extinguisher. 1,928,909; Oct. 3.
- Reavis, Andrew B., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 1,934,609; Nov. 7.
- Reavis, Andrew B., Swarthmore, and R. J. Eisinger, Moores, Pa., assignors to Westinghouse Electric and Manufacturing Company. Governing mechanism. 1,902,311; Mar. 21.
- Reber, Walter D. (See Ryder, W. E., and Reber.)
- Reborn, Andrew N., Chicago, Ill. Sun flash beacon. 1,932,477; Oct. 31.
- Recen, Henry A., assignor of one-half to C. W. Burnheimer, Kokomo, Colo. Battery terminal or connector. 1,921,840; Aug. 8.
- Rechnitzer, Rudolf, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Current sources. 1,902,894; Mar. 28.
- Rechtschaffen, Louis, Bronx, N. Y. Air mattress or cushion. 1,922,979; Aug. 15.
- Reck, Stephen J., assignor to Oro Manufacturing Company, Adrian, Mich. Toilet accessory. 1,907,871; May 9.
- Reckford, John K., et al., executors and trustees. (See Reckford, Louis J.)
- Reckford, Louis J., deceased, New York, N. Y.; L. K. Reckford, J. K. Reckford, and L. J. Grumbach, executors and trustees, assignors to American Lead Pencil Company, Hoboken, N. J. Eraser attachment for lead pencils. 1,903,474; Apr. 11.
- Reckford, Louise K., et al., executors and trustees. (See Reckford, Louis J.)
- Reckitt and Sons Limited. (See Hall, Edward H., assignor.)
- Reckmeier, Emil, Berlin, Germany. Three-color photographic camera. 1,895,555; Jan. 31.
- Recktenwald, geb. (See Theusner, M., geb. Recktenwald.)
- Reclamation Company, The. (See Holt, G. J., Hocking, Matson, and Knickerbocker, assignors.)
- Rector, Clarence B., Berkeley, Calif. Self adjusting chair. 1,910,363; May 23.
- Rector, Enoch, New York, N. Y., assignor to Rector Gasifier Company, Waukeshaw, Wis. Oil gas carburetor. 1,913,723; June 13.
- Rector, Frank J., Pendleton, assignor to International Printing Company, Indianapolis, Ind. Gluing machine. 1,902,264; Mar. 21.
- Rector Gasifier Company. (See Rector, Enoch, assignor.)
- Reddellien, Gustav, and W. Müller, Leipzig, Germany, assignors, by mesne assignments, to Agfa Anso Corporation, Binghamton, N. Y. N-hydroxyethyl derivatives of nuclear substitution products of 4-amino-1-hydroxybenzene. 1,907,444; May 9.
- Reddellien, Gustav, Leipzig, and H. Lange, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacturing 1,2,3,4-tetrahydro-6-naphthaldehyde. 1,908,918; May 16.
- Reddellien, Gustav, Leipzig, and H. Lange, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacturing 1'-chloro-1-methylnaphthalene. 1,910,475; May 23.
- Redden, Chalmers R., Framingham, Mass. Claw hammer. 1,919,128; July 18.
- Reddick, Herbert G. (See Langeberg, F. C., Hunt, and Reddick.)
- Reddig, Charles E., Kew Gardens, assignor to Graybar Electric Company, Inc., New York, N. Y. Combination washing and drying machine. 1,925,038; Aug. 29.
- Redding, Donald R. (See Price, H. C., and Redding.)
- Redding, Fred W. (See Newman, Thomas W., assignor.)
- Redding, Howard, Seattle, Wash. Vehicle jack. 1,918,783; July 18.
- Reddish, Warren T., Cincinnati, assignor to The Twitshell Process Company, St. Bernard, Ohio. Textile oil. 1,909,721; May 16.
- Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Cleaning fabrics. 1,911,289; May 30.
- Redemske, Gustav. (See Conquest, V., Redemske, and Lalumier.)
- Redfield, Clyde S., Shortsville, N. Y. Combination lunch box and bottle. 1,901,534; Mar. 14.
- Redfield, John H., Denver, Colo. Gun sight. 1,911,770; May 30.
- Redford, Carlyle, assignor to Chrysler Corporation, Detroit, Mich. Spring mounting. 1,898,217; Feb. 21.
- Redin, Roy W., Chicago, Ill. Inking pad. 1,913,058; June 6.
- Redinger, Joseph M., Johnston, R. I. Milling cutter. 1,908,628; May 9.
- Redington, F. B., Co. (See Milmoie, Michael J., assignor.)
- Redler, Arnold, Gloucester, England, assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 1,904,167; Apr. 18.
- Redler, Arnold, Sharpness Docks, England, assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 1,910,056; May 23.
- Redler Conveyor Company. (See Elmer, Nixon W., assignor.)
- Redler Conveyor Company. (See Redler, Arnold, assignor.)
- Redlich, Rudolph, jr., Chicago, Ill. Table or similar article. Des. 89,412; Mar. 7.
- Redlinger, Michael, Portland, Oreg. Machine for grading and sorting according to weight. 1,913,042; June 6.
- Redman, Benjamin F. (See Fowler, C. A., and Redman.)
- Redman, Edward B., Berkeley, Calif. Glare shield for spectacles. 1,917,900; July 11.

- Redman, Herbert. (See Doerrhoefer, Frederic L., assignor.)
- Redman, Lawrence V., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Furniture. 1,926,560; Sept. 12.
- Redman, Lawrence V. and A. J. Weith, Caldwell, N. J., and F. P. Brock, Hinsdale, Ill., assignors to Bakelite Corporation, New York, N. Y. Phenolic condensation product and producing same. 1,924,514; Aug. 29.
- Redmond, Albert G., Flint, Mich. Electric motor. 1,896,972; Feb. 7.
- Redmond, Albert G., Flint, Mich. Toy. 1,911,392; May 30.
- Redmond, Albert G., Flint, Mich. Toy. 1,917,599; July 11.
- Redmond, Albert G., Flint, Mich. Toy shovel. 1,929,516; Oct. 10.
- Red River Refining Company. (See Schulze, John E., assignor.)
- Redshaw, Joseph H., Homestead Park, Pa., assignor to Pittsburgh Plate Glass Company. Glass drawing apparatus. 1,905,748; Apr. 25.
- Redshaw, Joseph H., Homestead Park, Pa., assignor to Pittsburgh Plate Glass Company. Sheet glass apparatus. 1,922,827; Aug. 15.
- Red Spot Electric Co. Inc. (See Staley, Miles E., assignor.)
- Redstone, Hans C., Yonkers, N. Y. Door. 1,925,543; Sept. 5.
- Reece Button Hole Machine Company, The. (See Dunnell, William W., jr., assignor.)
- Reece Button Hole Machine Company, The. (See Grip, Carl A. O., assignor.)
- Reece Button Hole Machine Company, The. (See Kiewicz, John, assignor.)
- Reece Button Hole Machine Company, The. (See Pikul, Joseph H., assignor.)
- Reece Button Hole Machine Company, The. (See Reece, Franklin A., assignor.)
- Reece, Floyd M., assignor to O'Brien Varnish Company, South Bend, Ind. Nondrying oil and product thereof. 1,903,656; Apr. 11.
- Reece, Floyd M., assignor to O'Brien Varnish Company, South Bend, Ind. Treatment of china wood oil to produce a liquid ungelled oil and product thereof. 1,903,686; Apr. 11.
- Reece, Franklin A., Brookline, assignor to The Reece Button Hole Machine Company, Boston, Mass. Button-hole sewing machine. 1,900,076; Mar. 7.
- Reece, Franklin A., Chestnut Hill, assignor to Universal Winding Company, Boston, Mass. Winding machine. 1,915,241; June 20.
- Reece, Joseph A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 1,922,637; Aug. 15.
- Reece Shoe Machinery Company. (See Oliver, John R., assignor.)
- Reed, Allie L., executrix. (See Reed, William S.)
- Reed & Barton. (See Turner, George L., assignor.)
- Reed, C. A., Company. (See Jopson, William G., assignor.)
- Reed, Carl S. (See Swartz, R. M., and Reed.)
- Reed, Charles M. (See Olney, Harry B., assignor.)
- Reed, Clarence E., Wichita, Kans. Antifriction coupling for drill stems. 1,923,328; Aug. 22.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary drilling apparatus. 1,897,588; Feb. 14.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Blade type bit. 1,899,771; Feb. 28.
- Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary boring drill for deep wells. 1,908,049; May 9.
- Reed, Claude D., Lebanon, Pa., assignor to Bethlehem Steel Company. Apparatus for forming ladders. 1,901,334; Mar. 14.
- Reed, Clyde I., Norwalk, Ohio. Cleaner for pipes, sewers, culverts, and the like. 1,921,098; Aug. 8.
- Reed, Dempson H., Houston, Tex. Inside cutting tool. 1,906,416; May 2.
- Reed, Dempson H., Houston, Tex. Speed-control device. 1,936,993; Nov. 28.
- Reed, Dempson H., assignor of one-half to J. S. Abercrombie, Houston, Tex. Outside pipe cutter. 1,910,637; May 23.
- Reed, Dempson H., assignor of one-half to J. S. Abercrombie, Houston, Tex. Outside pipe cutter. 1,925,404; Sept. 5.
- Reed, Dempson H., assignor of one-half to J. S. Abercrombie, Houston, Tex. Outside pipe cutter. 1,936,643; Nov. 28.
- Reed, Earl A., Wichita, Kans. Bit. 1,921,700; Aug. 8.
- Reed, Earl A., Tulsa, Okla. Drill cutter. 1,921,701; Aug. 8.
- Reed, Earl A., Garber, Okla. Bit. 1,921,702; Aug. 8.
- Reed, Francis T. (See Reed, Isaac N. and F. T.)
- Reed, Frank M., Clearfield, Pa. Heat-exchange mechanism. 1,935,281; Nov. 14.
- Reed, George B., New York, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Ladder construction. 1,921,553; Aug. 8.
- Reed, George B., Innsbruck, Austria, assignor to Edw. G. Budd Mfg. Company, Philadelphia, Pa. Welding tool. 1,940,919; Dec. 26.
- Reed, Harold V. (See Nutt, H., and Reed.)
- Reed, Harry M., Chattanooga, Tenn., assignor of one-half to H. L. Reis, Birmingham, Ala. Garment hanger cover. 1,904,999; Apr. 25.
- Reed, Harry S., East Lansing, and R. D. Lamie, Detroit, Mich. Coal distilling apparatus. 1,927,219; Sept. 19.
- Reed, Henry M., Jr., Louisville, Ky., assignor to Standard Sanitary Manufacturing Company. Metallic baseboard element. 1,903,244; Mar. 28.
- Reed, Isaac N. and F. T., Shreveport, La. Plug valve. 1,894,196; Jan. 10.
- Reed, James H., Marblehead, Mass. Package. 1,900,389; Mar. 7.
- Reed-Lethbridge. (See Pettman, A. V., and Reed-Lethbridge.)
- Reed, Lewis H., Springfield, Mass. Safety device for windows. 1,908,919; May 16.
- Reed, Lyman C., New Orleans, La. Circuit-breaker. 1,910,714; May 23.
- Reed, Lyman C., New Orleans, La. Circuit-breaker. 1,931,507; Oct. 24.
- Reed, M. Frankness, Stephenville, Tex. Apparatus for maintaining vacuum in oil wells or the like. 1,923,395; Aug. 22.
- Reed, Malcolm W., Worcester, Mass. Wire stranding machine. 1,911,925; May 30.
- Reed Manufacturing Company. (See Petersen, Thorvald, assignor.)
- Reed, Marion C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,899,058; Feb. 28.
- Reed, Marion C., Charleston, W. Va., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,916,285; July 4.
- Reed, Marion C., South Charleston, W. Va., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,916,286; July 4.
- Reed, Marion C., South Charleston, W. Va., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,916,287; July 4.
- Reed, Marion C., Charleston, W. Va., assignor to The B. F. Goodrich Company, New York, N. Y. Photographic developer and developing. 1,937,844; Dec. 5.
- Reed, Raymond E., Chicago, Ill., assignor to The Kendall Company, Chicago, Ill. Surgical bandage and preparing same. 1,892,706; Jan. 3.
- Reed, Robert F., and A. George, Cincinnati, Ohio, assignors to The Lithographic Technical Foundation, Inc., New York, N. Y. Material for maintaining printing and lithographic plates and press parts. 1,911,239; May 30.
- Reed Roller Bit Company. (See Behnke, Guy E., assignor.)
- Reed Roller Bit Company. (See Childs, William L., assignor.)
- Reed Roller Bit Company. (See Del'Homme, Daniel L., assignor.)
- Reed Roller Bit Company. (See Giesey, Russell, assignor.)
- Reed Roller Bit Company. (See Hamaker, Rex G., assignor.)
- Reed Roller Bit Company. (See Hamaker, R. G., and Giesey, assignors.)
- Reed Roller Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Harrington, G. G., and Del'Homme, assignors.)
- Reed Roller Bit Company. (See Humason, Granville A., assignor.)
- Reed Roller Bit Company. (See Standliff, Thomas H., assignor.)
- Reed, Thomas L., Los Angeles, Calif. Safety sadiron. 1,920,668; Aug. 1.
- Reed, Walter C., Dalton, Mass., assignor to General Electric Company. Terminal for electrical conductors. 1,900,585; Mar. 7.
- Reed, William A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 1,933,685; Nov. 7.
- Reed, William E., Pittsburgh, Pa. Apparatus for making wire fabric. 1,908,050; May 9.
- Reed, William E., Pittsburgh, Pa. Apparatus for electric welding. 1,932,119; Oct. 24.
- Reed, William L., Miami, Fla. Cartridge. 1,903,657; Apr. 11.
- Reed, William R. (See Britton, E. C., and Reed.)
- Reed, William S., deceased, Allie L. Reed, executrix, Leominster, Mass. Coupling. 1,920,524; Aug. 1.
- Reeder, Frank C., assignor to The Fulton Syphon Company, Knoxville, Tenn. Pasteurization. 1,925,002; Aug. 29.
- Reeder, Homer E., Lima, Ohio. Separator. 1,930,108; Oct. 10.
- Reeder, Lydia M., Columbus, Ohio. Toy. 1,922,746; Aug. 15.
- Reedy, Emmett M., assignor to Mueller Co., Decatur, Ill. Diverter valve. 1,937,246; Nov. 28.
- Reedy, Joseph J., Boston, and J. L. Hildebrand, Lynn, Mass.; said Hildebrand assignor to said Reedy. Device for filling and draining washing machines, and the like. 1,930,284; Oct. 10.
- Reekers, Andrew, Portland, Oreg. Fastener. 1,924,165; Aug. 29.
- Reel, Harry S. (See Solomon, Nat L., assignor.)
- Reel, Herbert W. (See Birdsey, C. R., and Reel.)
- Reel, Herbert W., Hinsdale, assignor to United States Gypsum Company, Chicago, Ill. Precast ceiling construction. 1,902,789; Mar. 21.
- Reel-Mop Corporation. (See Carlson, Oscar, assignor.)

- Reemtsma-Cigarettenfabriken G. m. b. H. (See Müller, H., and Muth, assignors.)
- Reeps, Charles O., deceased, by H. E. Reeps, executrix, Waukegan, Ill., assignor to National Laundry Machinery Company, Inc., Syracuse, N. Y. Ironing and aerating press. 1,894,422; Jan. 17.
- Reeps, Harriette E., executrix. (See Reeps, Charles O., assignor.)
- Reerink, Engbert H. (See De Groot, W., and Reerink.)
- Reerink, Engbert H., and A. Van Wijk, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Preparing vitamin D. 1,904,751; Apr. 18.
- Rees, Byron, Salt Lake City, Utah. Cartridge for medicinal applications. 1,905,752; Apr. 25.
- Rees, Edmund S. G., Oaken, England. Propeller, pump, or fan. 1,906,180; Apr. 25.
- Rees, Herbert J. (See Nolan, Cecil J., assignor.)
- Rees, Mackworth G., Detroit, Mich. Inertia relay. 1,897,074; Feb. 14.
- Rees, Mackworth G., Detroit, Mich. Push button electric switch. 1,903,135; Mar. 28.
- Rees, William H., Berkeley, Calif. Weighing apparatus. 1,893,243; Jan. 3.
- Reese, Charles H., assignor to Hammermill Paper Company, Erie, Pa. Reclaiming waste sulphite liquor. 1,908,862; May 16.
- Reese, Eva M., Canton, Ohio. Combination supporting garment. 1,917,543; July 11.
- Reese, Frank, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Weather strip for metallic window frames and sashes. 1,897,643; Feb. 14.
- Reese, Frank, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Weather strip for casement window bottoms and sills. 1,907,216; May 2.
- Reese, Harry D., and R. Harris, Detroit, Mich. Assembler slide bar brake. 1,913,565; June 13.
- Reese, James A., Waynesburg, Pa. Trap. 1,924,379; Aug. 29.
- Reese, John H., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Heat insulating covering. 1,914,648; June 20.
- Reese, Lemuel V., and G. W. Johnson, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Safety device for paper pulp extractors. 1,903,367; Apr. 4.
- Reese, Lemuel V., and G. W. Johnson, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Paper pulp extractor. 1,931,508; Oct. 24.
- Reese Metal Weather Strip Co. (See Reese, Frank, assignor.)
- Reese, Thomas S., Cleveland, Ohio. Method and apparatus for decorating and forming articles. 1,893,785; Jan. 10.
- Reese, Thomas S., Cleveland, Ohio. Mounting decorations. 1,924,961; Aug. 29.
- Reeson, Frank A. (See Tidmus, A. H., and Reeson.)
- Reeve, Howard T., Millburn, N. J., assignor, by mesne assignments, to Western Electric Company, Inc., New York, N. Y. Melting and casting of metals. 1,897,589; Feb. 14.
- Reeves, Beauford H., assignor to Rockbestos Products Corporation, New Haven, Conn. Insulated conductor and making the same. 1,895,400; Jan. 24.
- Reeves, Cuthbert E., Buffalo, N. Y. Interlocking switch. 1,895,820; Jan. 31.
- Reeves, Donald H., assignor to Frigidaire Corporation, Dayton, Ohio. Drinking water cooler fountain. Des. 89,717; Apr. 25.
- Reeves, Donald H., assignor to Frigidaire Corporation, Dayton, Ohio. Drinking water cooler fountain. Des. 89,718; Apr. 25.
- Reeves, Donald H., assignor to Frigidaire Corporation, Dayton, Ohio. Dispensing faucet. 1,923,585; Aug. 22.
- Reeves, Donald H., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,934,884; Nov. 14.
- Reeves, Edward H., Jamaica, N. Y. Egg container. 1,926,916; Sept. 12.
- Reeves, Elwin H., Toledo, Ohio. Vehicle body. 1,904,031; Apr. 18.
- Reeves, Lerritt A., Toronto, Ontario, Canada. Tie rod for concrete construction. 1,938,153; Dec. 5.
- Reeves Manufacturing Company, The. (See Carroll, J., and Hunker, assignors.)
- Reves Manufacturing Company, The. (See Hughes, Leo P., assignor.)
- Reeves Manufacturing Company, The. (See Krantz, Arthur J., assignor.)
- Reeves Manufacturing Company, The. (See Krantz, Joseph A., assignor.)
- Reeves Manufacturing Company, The. (See Sladky, Alexander C., assignor.)
- Reeves Manufacturing Company, The. (See Vogan, Frank M., assignor.)
- Reeves Manufacturing Company, The. (See Wendle, Virgil P., assignor.)
- Reeves, Mark W., Clinton, Conn. Sock supporting device. 1,933,391; Oct. 31.
- Reeves, Milton O., deceased, Columbus, P. B. Reeves, administrator, assignor to Reeves Pulley Company, Columbus, Ind. Distant control for speed varying devices. 1,923,041; Aug. 15.
- Reeves, Orwell C., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Test weight case. 1,923,457; Aug. 22.
- Reeves, Paul B., Indianapolis, assignor to Reeves Pulley Company, Columbus, Ind. Variable speed unit. 1,941,417; Dec. 26.
- Reeves, Paul B., administrator. (See Reeves, Milton O.)
- Reeves, Peter B., Waterbury, Conn. Striking clock. 1,929,076; Oct. 3.
- Reeves Pulley Company. (See Reeves, Milton O., assignor.)
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Reeves, William A. (See Tucker, O. M., and Reeves.)
- Refinery Supply Company. (See Nicholson, George E., assignor.)
- Refinite Company, The. (See Calvert, Ward S., assignor.)
- Refka, Bernard F., Chicago, Ill. Bottle opener. Des. 90,857; Oct. 10.
- Refractory and Engineering Corporation. (See Clark, Horace N., assignor.)
- Refrigeration Patents and Processes, Inc. (See Grayson, Ralph V., assignor.)
- Reifsgaard, Anton C., Hamburg, Germany. Automobile heater and muffler. 1,910,565; May 23.
- Regad, Eugene D. (See Rinkenbach, W. H., and Regad.)
- Regal Shoe Company. (See Bliss, Elmer J., assignor.)
- Regal Shoe Company. (See Holmes, James A., assignor.)
- Regalite, Inc. (See Wehrenberg, George E., assignor.)
- Regan, George P., and A. R. Day, Oakland, Calif. Producing sound pictures. 1,895,644; Jan. 31.
- Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Vertical conveyor. 1,910,965; May 23.
- Regan, Paul H., Fitchburg, Mass. Display frame. 1,895,818; Jan. 31.
- Regan Safety Devices Company, The. (See Bodde, Theodore, assignor.)
- Regan Safety Devices Company, The. (See Meisel, Benjamin W., assignor.)
- Regan Safety Devices Company, The. (See Shaver, A. G., and Rosenzweig, assignors.)
- Regan, William J., Wilkinsburg, assignor to McConway and Torley Company, Pittsburgh, Pa. Draft appliance for railway cars. 1,908,541; May 9.
- Regan, William J., Wilkinsburg, assignor to The McConway & Torley Company, Pittsburgh, Pa. Railway draft appliance. 1,908,542; May 9.
- Regan, William J., assignor to The McConway & Torley Company, Pittsburgh, Pa. Railway draft appliance. 1,936,856; Nov. 28.
- Regan, William J., Wilkinsburg, and E. George, Jr., assignors to The McConway & Torley Company, Pittsburgh, Pa. Draft appliance for railway cars. 1,899,482; Feb. 28.
- Regan, William J., and A. J. Lenherr, assignors to The McConway & Torley Company, Pittsburgh, Pa. Coupler operating mechanism. 1,919,668; July 25.
- Regas, George J., Wheeling, W. Va. Safety mechanism for aircraft. 1,899,721; Feb. 28.
- Regenhardt Construction Company. (See Regenhardt, T. R., and Kassel, assignors.)
- Regenhardt, Theodore R., and C. Kassel, assignors to Regenhardt Construction Company, Cape Girardeau, Mo. Subgrading machine. 1,920,319; Aug. 1.
- Regensburger, Richard W. (See De Vout, A. W., and Regensburger.)
- Regensburger, Richard W., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Egg breaker. 1,925,405; Sept. 5.
- Regents of The University of Michigan. (See Sharp, E. A., Sturges, and Isaacs, assignors.)
- Reger, Jacob W., Milan, Mo. Piston construction. 1,926,960; Sept. 12.
- Reger, Martin. (See Ewest, H., Wiegand, and Reger.)
- Reger, Martin. (See Pirani, M., Ewest and Reger.)
- Reger, Martin. (See Pirani, M., and Reger.)
- Reger, Martin, Berlin, Germany, assignor to General Electric Company. Gaseous electric discharge device. 1,930,132; Oct. 10.
- Regero, Frank, Macon, Ga., assignor to L. & R. Manufacturing Company. Watch cleaning machine. 1,907,366; May 2.
- Reget, Howard C., Minneapolis, Minn. Decorative table device. 1,918,866; July 18.
- Regina Corporation, The. (See Smith, Bernard P., assignor.)
- Regn, Archie H., Atco, N. J. Adjusting means for timing chains of automobiles. 1,929,851; Oct. 10.
- Rehbein, Conrad, assignor to General Motors Corporation, Detroit, Mich. Forming a drip molding. 1,915,102; June 20.
- Reher, Fred W., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Sectional doorsill or the like. 1,910,260; May 23.
- Rehländer, Paul, Berlin-Charlottenburg, Germany. Making a photographic element for color photography. 1,918,560; July 18.
- Rehländer, Paul, Berlin-Charlottenburg, Germany. Color photography. 1,927,805; Sept. 19.
- Rehm, Alfred, and K. Schweizer, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Centrifugal governor. 1,916,182; June 27.
- Rehor, Joseph E., Shaker Heights, assignor to The Rotor Air Tool Company, Cleveland, Ohio. Fluid pressure motor. 1,900,950; Mar. 14.
- Reibera, Sebastiano, et al. (See Ramondetta, Gaetano, assignor.)
- Reich, Ernest. (See Markus, Ralph M., assignor.)

- Reich, Ernest, Budapest, Hungary. Electrical measuring instrument. 1,929,714; Oct. 10.
- Reich, Gustave T., Anaheim, Calif. Cleaning gas cylinders. 1,893,652; Jan. 10.
- Reich, Gustave T., Drexel Hill, Pa. Producing activated charcoal from nitrogenous material. 1,925,204; Sept. 5.
- Reich, Gustave T., Anaheim, Calif. Concentration evaporator. 1,930,861; Oct. 17.
- Reichardt, John F., assignor to United States Cigar Company, Inc., York, Pa. Converting tobacco stems into pulp. 1,903,942; Apr. 18.
- Reichardt, Willis E., assignor to The Worthington Ball Company, Elyria, Ohio. Golf ball. 1,904,012; Apr. 18.
- Reichardt, Howard S., Poughkeepsie, N. Y. Fly rod lure. 1,929,152; Oct. 3.
- Reichart, James H., Muncie, Ind. Ash receiver. 1,918,058; July 11.
- Reichart, Russell C., New York, N. Y. Convection heating radiator. 1,926,792; Sept. 12.
- Reichart, William M., assignor to The Chandler & Price Company, Cleveland, Ohio. Attachment for paper cutting machines. 1,932,675; Oct. 31.
- Reiche, Kurt, Berlin-Halensee, assignor to Stettiner Chamotte-Fabrik Actien-Gesellschaft vormals Didier, Berlin-Wilmersdorf, Germany. Drying granular or powdered material by means of a fluid. 1,899,397; Feb. 28.
- Reiche, Willi, assignor to Koch & Sterzel Aktiengesellschaft, Dresden, Germany. Transformer apparatus. 1,939,319; Dec. 12.
- Reichel, Wladimir A., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature control means. 1,919,129; July 18.
- Reichel, Wladimir A., and A. H. Mears; said Mears assignor to Leeds & Northrup Company, Philadelphia, Pa. Control method and apparatus. 1,931,852; Oct. 24.
- Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Cocktail shaker. Des. 91,179; Dec. 12.
- Reichenbaum, Doré, Milwaukee, Wis. Garment. 1,922,638; Aug. 15.
- Reichenbecher, Georg, and E. Grube, Mulheim-Ruhr, assignors to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Centrifugal process of lining tubes with a bituminous or like material. 1,939,521; Dec. 12.
- Reichert, August. (See Reichert, Julius and A.)
- Reichert, Julius and A., Astoria, N. Y. Submarine salvager. 1,899,059; Feb. 28.
- Reichert, Otto. (See Hagedorn, M., Reichert, and Gühring.)
- Reichert, Samuel, Gardena, assignor of one-half to J. E. Donaldson, Fullerton, Calif. Tow line. 1,920,106; July 25.
- Reichhardt, Herman C., Evanston, assignor to Star-Brite Corporation, Chicago, Ill. Combined casing or frame and bracket for light reflector signal. Des. 89,468; Mar. 14.
- Reichhardt, Herman C., Evanston, assignor to Star-Brite Corporation, Chicago, Ill. Vehicle rear light casing. Des. 89,469; Mar. 14.
- Reichhardt, Herman C., Evanston, assignor to Star-Brite Corporation, Chicago, Ill. Glass lens for light reflector signal. Des. 89,670; Apr. 18.
- Reichhelm, George L., assignor to Gasifier Company, Short Beach, Conn. Gasifier. 1,932,478; Oct. 31.
- Reichl, Heinrich, Gunzenhausen, Germany. Massage implement. 1,908,051; May 9.
- Reichmann, Reinhold, and H. Kohl, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Molding non-plastic metallic oxides. 1,934,091; Nov. 7.
- Reichmann, Wilhelm, Wuppertal-Barmen, Germany, assignor to A. A. Soesman, Zurich, Switzerland, and O. H. Zimmerman, Barman, Prussia, Germany. Link chain for electric illumination. 1,916,489; July 4.
- Reichold, Ludwig, assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Electric time clock. 1,898,893; Feb. 21.
- Reichold, Ludwig, assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Thermostatic switch unit. 1,901,775; Mar. 14.
- Reid, Allan E., Boston, assignor to Reid Piston Company, Brookline, Mass. Piston and connecting rod. 1,899,355; Feb. 28.
- Reid, Andrew S. (See Reid, Robert, and A. S.)
- Reid, Chauncey S., Brownsville, Tex. Frost control machine. 1,905,502; Apr. 25.
- Reid, Earl, assignor to Bendix Brake Company, Chicago, Ill. Brake mechanism. 1,912,796; June 6.
- Reid, Ebenezer E., Baltimore, Md., assignor to Columbia Engineering and Management Corporation, New York, N. Y. Production of motor fuel and the like. 1,912,009; May 30.
- Reid, Elmer A., Morrisville, Pa. Automatic electrical humidifier. 1,930,771; Oct. 17.
- Reid, Ernest W., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin. 1,935,577; Nov. 14.
- Reid, Ernest W., Pittsburgh, and D. C. Lewis, Darmount, Pa., assignors to Carbide & Carbon Chemicals Corporation. Production of ethanol amines. 1,904,013; Apr. 18.
- Reid, Frederick G. (See McChesney, C. S., Reid, and Cornell.)
- Reid, Frederick G., assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Cutting fork. 1,914,528; June 20.
- Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Semitrailer frame construction. 1,898,854; Feb. 21.
- Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Radius rod and axle construction. 1,903,136; Mar. 28.
- Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Vehicle brake. 1,910,181; May 23.
- Reid, Frederick M., assignor to Fruehauf Trailer Corporation, Detroit, Mich. Vehicle construction. 1,911,771 May 30.
- Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Tractor semitrailer. 1,922,395; Aug. 15.
- Reid, Frederick M., assignor to Fruehauf Trailer Corporation, Detroit, Mich. Tractor semitrailer fifth wheel structure. 1,925,279; Sept. 5.
- Reid, George B., Aberdeen, Wash. Trigger mechanism for firearms. 1,909,425; May 16.
- Reid, George H. (See Young, C. O., and Reid.)
- Reid, James B. (See Gann, J. A., and Reid.)
- Reid, James B. (See Gann, J. A., Reid, and Reimers.)
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Glass run channel structure. 1,902,422; Mar. 21.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Glass run channel. 1,908,863; May 16.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Channel. 1,908,864; May 16.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Glass run channel. 1,918,561; July 18.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Glass run channel. 1,918,666; July 18.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Channel. 1,919,130; July 18.
- Reid, James S., Shaker Heights, assignor to The Reid Products Company, Cleveland, Ohio. Channel sheath. 1,927,651; Sept. 19.
- Reid, James S., Cleveland Heights, assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,903,389; Apr. 4.
- Reid, James S., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,925,280; Sept. 5.
- Reid, John, Oil City, Pa. Lubricating system and pump. 1,904,168; Apr. 18.
- Reid, John, Oil City, Pa. Hydraulic belt tightener. 1,929,852; Oct. 10.
- Reid, John D., Philadelphia, Pa., assignor of one-half to Edmund Q. Moses, New York, N. Y. Radio apparatus. 1,936,069; Nov. 21.
- Reid, Marvin J., assignor to Eastman Kodak Company, Rochester, N. Y. Decolorizing process. 1,930,133; Oct. 10.
- Reid, Murdock & Co. (See Canaday, Miron S., assignor.)
- Reid Piston Company. (See Reid, Allan E., assignor.)
- Reid Products Company, The. (See Gaines, Walter S., jr., assignor.)
- Reid Products Company, The. (See Reid, James S., assignor.)
- Reid, Richard I., Providence, R. I. Antifriction leak-preventing means for pumps and motor pumps. 1,928,795; Oct. 3.
- Reid, Robert, Beverly, and A. S. Reid, Wenham, Mass. Grinding machine. 1,925,908; Sept. 5.
- Reid, Thomas F., Boise, Idaho. Carpenter's clamp. 1,914,291; June 13.
- Reider, Frank J., and O. J. Kaetzel, Bowling Green, Ohio. Feed mixer. 1,914,459; June 20.
- Reiff, Orland M. (See Rather, J. B., Beard, and Reiff.)
- Reifsnnyder, James D., Flushing, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Paper receptacle. 1,933,931; Nov. 7.
- Reifurth, Otto, Immigrath, and A. Möller, Recklinghausen, Germany. Rail-joint connection. 1,919,131; July 18.
- Reiher, Paul F., assignor of one-half to W. T. Champion, Paterson, N. J. Price tag molding. 1,925,603; Sept. 5.
- Reiland, Albert F., Hackettstown, N. J. Road building apparatus. 1,936,209; Nov. 21.
- Reiland, Lars A. G. (See Von Platen, B. C., and Reiland.)
- Reilly, Alfred E., assignor to Evans Case Company, North Attleboro, Mass. Combined cigarette case and lighter. Des. 90,552; Aug. 22.
- Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Combined brush and comb construction. 1,895,940; Jan. 31.
- Reilly, Alfred E., assignor to Evans Case Company, North Attleboro, Mass. Cigarette container. 1,934,629; Nov. 7.
- Reilly, Edward M. (See Kearney, George F., assignor.)
- Reilly, Emmet C., and M. P. Sieger, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet piler. 1,923,458; Aug. 22.
- Reilly, John H., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Storage-battery separator. 1,937,205; Nov. 28.

- Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Production of diphenyl from benzene. 1,938,609; Dec. 12.
- Reilly, Joseph, New York, N. Y., and H. T. Beans, Palsade, N. J., assignors, by mesne assignments, to Durium Products Corporation. Method of making phonograph records. 1,915,384; June 27.
- Reilly, Peter C. (See Crowell, M. E., and Smith, assignors.)
- Reilly, Peter C. (See Cunningham, Orin D., assignor.)
- Reilly, Peter C. (See Derby, Ira H., assignor.)
- Reilly, Peter C. (See Hansen, Mahlin S., assignor.)
- Reilly, Peter C. (See Higburg, W., assignor, and Reilly.)
- Reilly, Thomas A., Lakewood, and E. S. Cohen, Shaker Heights, Ohio. Brake actuating mechanism. 1,926,174; Sept. 12.
- Reilly, William, Vancouver, British Columbia, Canada. Valve cutter. 1,911,847; May 30.
- Reiman, Paul, New York, N. Y. Textile fabric or the like. Des. 90,415; Aug. 1.
- Reiman, Paul, assignor to Sunbury Converting Works, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,209; Feb. 7.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,995; May 23.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,996; May 23.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,997; May 23.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,998; May 23.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,999; May 23.
- Reiman, Paul, New York, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,000; May 23.
- Reiman, Paul, New York, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,006; May 23.
- Reiman, Paul, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,049; May 30.
- Reiman, Paul, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,050; May 30.
- Reiman, Paul, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,051; May 30.
- Reiman, Paul, assignor to Apollo Fabrics, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,141; June 13.
- Reiman, Paul, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,416; Aug. 1.
- Reimann, Arthur A., Oakland, Calif. Internal combustion engine. 1,900,762; Mar. 7.
- Reimann, Felix, Berlin-Charlottenburg, Germany. Composition of matter for building purposes. 1,913,244; June 6.
- Reimann, Louis P., Buffalo, N. Y. Roof bracket or jack. 1,917,809; July 11.
- Reimers, Hans A. (See Gann, J. A., Reid, and Reimers.)
- Reimers, Hans A. (See Heath, S. B., and Reimers.)
- Reimers, Henrik, Plainfield, N. J. Powder-distributing machine. 1,908,445; May 9.
- Reimers, Robert O. (See Hall, Robert A., assignor.)
- Reimschissel, Charles A. (See Newman, S. F., and Reimschissel.)
- Reimschissel, Charles A. (See Shearer, H. T., and Reimschissel.)
- Reinberg, Gustave, jr. (See Harper, T. E., jr., and Reinberg.)
- Reindel, Hans, Ludwigshafen-on-the-Rhine, and H. Krzikalla, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuff. 1,929,853; Oct. 10.
- Reindel, Ira H., Detroit, Mich. Valve silencing construction. 1,915,694; June 27.
- Reinecke, Henry, and J. H. Tromanbauser, Toronto, Ontario, Canada. Gas tight tank. 1,909,502; May 16.
- Reineman, Howard H., Brighton, assignor to Rochester Envelope Company, Inc., Rochester, N. Y. Envelope. 1,898,685; Feb. 21.
- Reiner, Harry M. (See Reiner, Maxwell W. C., assignor.)
- Reiner, Max, Bronx, assignor, by mesne assignments, to Perpetual Self Winding Watch Corporation, New York, N. Y. Self-winding watch. 1,899,722; Feb. 28.
- Reiner, Maxwell W. C., Bronx, assignor to Harry M. Reiner, New York, N. Y. Dispensing receptacle. 1,941,226; Dec. 26.
- Reiner, Otto, Rheinhausen, Germany. Reversing gear for furnaces. 1,893,786; Jan. 10.
- Reiner, Robert, New York, N. Y. Knitting machinery. 1,901,857; Mar. 14.
- Reinhard, Frank A., Norton, assignor to L. L. Witter, Boston, Mass. Concrete wall construction. 1,917,062; July 4.
- Reinhardt, George F., assignor to Standard School Fixtures Company, Grand Rapids, Mich. Student desk. 1,933,932; Nov. 7.
- Reinhardt, Albert. (See Struck, F. A., and Reinhardt.)
- Reinhardt, Edwin G., Cincinnati, Ohio. Metal door jamb. 1,919,392; July 25.
- Reinhardt, Edwin G., Cincinnati, Ohio. Metal door jamb. 1,919,393; July 25.
- Reinhardt, Eugene F., assignor to J. Pavelka, St. Louis, Mo. Toaster. 1,914,649; June 20.
- Reinhardt, Gustav A., and R. H. Eurich, Youngstown, Ohio, assignors to Bacharach Industrial Instrument Company, Pittsburgh, Pa. Apparatus for measuring temperatures of moving bodies. 1,901,192; Mar. 14.
- Reinhart, Harry W. (See Reinhart, Howard A. and H. W., and Wadsworth.)
- Reinhart, Howard A. and H. W., Oakland, and J. Wadsworth, Berkeley, Calif. Vehicle. 1,897,277; Feb. 14.
- Reinhold, Edward D., Closter, N. J. Applying decoration to glass and the resulting product. 1,898,745; Feb. 21.
- Reinhold, Frederick E., Los Angeles, Calif. Padlock. 1,902,665; Mar. 21.
- Reinhold, John J., Marietta, Pa. Cigarette carton. Des. 90,451; Aug. 8.
- Reinhold, John J., Marietta, Pa. Envelope for paper money. Des. 90,730; Sept. 19.
- Reinhold, John J., Marietta, Pa. Optical advertising device. 1,916,529; July 4.
- Reinhold, John J., Marietta, Pa. Advertising device. 1,926,649; Sept. 12.
- Reininger, Gustave M., Bellevue, Ky. Sign. 1,893,653; Jan. 10.
- Reinische Metallwaaren- und Maschinenfabrik. (See Rühlemann, Herbert, assignor.)
- Reinke, Floyd C., assignor to Air-O-Cel, Inc., Detroit, Mich. Building wall construction. 1,924,515; Aug. 29.
- Reinke, Gertrude. (See Hutter, William H., assignor.)
- Reins, Jacob, and J. Snyder, Iroquois, S. Dak. Hog oiler. 1,933,071; Oct. 31.
- Reis, Curt F., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Magneto. 1,918,562; July 18.
- Reis, Curt F., assignor to Excel Magneto Co., Chicago, Ill. Magneto rotor. 1,938,040; Dec. 5.
- Reis, H. L. (See Reed, Harry M., assignor.)
- Reis, Leonard W., Dumont, N. J., assignor to John Chatillon & Sons, New York, N. Y. Suspension ring for scale pans. 1,902,581; Mar. 21.
- Reis, Louis C., Duluth, Minn. Discharge mechanism. 1,899,356; Feb. 28.
- Reis, Louis C., Duluth, Minn. Billet surfacing machine. 1,922,980; Aug. 15.
- Reis, Louis C., Duluth, Minn. Billet and bloom grooving machine. 1,925,499; Sept. 5.
- Reisdorf, Edward J., Seattle, Wash. Coffee protector. 1,936,857; Nov. 28.
- Reiser, Alfred A., Buffalo, N. Y. Mop cleaner and dust receptacle. 1,934,144; Nov. 7.
- Reiser, Franz, Guttenberg, N. J., assignor to one-half to Stein-Tobler Co., Inc., New York, N. Y. Embroidery frame. 1,931,297; Oct. 17.
- Reiser, Wendel. (See Handwerk, W. A., and Reiser.)
- Reishus, Sondre S., assignor of one-half to H. A. Gilbertson, Valley City, N. Dak. Weed and foul seed destroying machine. 1,906,127; Apr. 25.
- Reisinger, George, Rochester, N. Y. Fountain brush. 1,901,822; Mar. 14.
- Reisinger, George, Rochester, N. Y. Tool. 1,910,123; May 25.
- Reisinger, George, assignor to W. J. Phillips, Rochester, N. Y. Headlight pilot. 1,907,872; May 9.
- Reisinger, James C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Power-driven fan. 1,895,488; Jan. 31.
- Reisner, W. H., Manufacturing Company, The. (See Burton, Henry E., assignor.)
- Reiss, Clifford E., Cuyahoga Falls, Ohio. Floor mat. 1,925,734; Sept. 5.
- Reiss, Louis P., Dallas, Tex. Air conditioning apparatus. 1,903,137; Mar. 28.
- Reiss, Max, New York, N. Y. Book cover. 1,904,532; Apr. 18.
- Reiss, Raymond H., Deal, N. J., assignor to Northern Furniture Company, Sheboygan, Wis. Convertible luggage rack and bench. 1,926,859; Sept. 12.
- Reiss, William, Bronx, N. Y. Bracelet. Des. 89,450; Mar. 14.
- Reist, Emily M., New York, N. Y., assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. Des. 89,026; Jan. 10.
- Reisz, Eugen, Berlin-Dahlem, Germany. Circuit arrangement for operating electrostatic loud speakers. 1,928,503; Sept. 26.
- Reitano, Carmelo, et al. (See Moricca, Joseph, assignor.)
- Reiter, Daniel I., New York, N. Y. Fastener socket. 1,894,521; Jan. 17.
- Reiter, Daniel I., New York, N. Y. Fastener setting machine. 1,898,019; Feb. 21.
- Reiter, Daniel I., New York, N. Y. Upholstery pin. 1,919,038; July 18.
- Reiter, Daniel I., New York, N. Y. Identification marker. 1,928,211; Sept. 26.
- Reiter, Gustav A., Reno, Nev. Vending machine attachment. 1,914,980; June 20.
- Reiterer, Michael, Wimpassing, Austria. Apparatus for securing repair patches to tubes or hoses. 1,928,542; Sept. 26.

- Reith, Chester F., Clayton, Mo., assignor to The Juvenile Shoe Corporation of America, Aurora, Ill. Shoe. Des. 90,417; Aug. 1.
- Reith, Chester F., Clayton, Mo., assignor to The Juvenile Shoe Corporation of America, Aurora, Mo. Shoe. Des. 90,631; Sept. 5.
- Reitz, Heinrich, Bitterfeld, and H. Ehlers, Sandersdorf, Germany, assignors, by mesne assignments, to Pen-Chlor, Incorporated, Philadelphia, Pa. Improving the handling and storing qualities of compounds of calcium. 1,916,770; July 4.
- Reitz, Heinrich, Bitterfeld, and H. Ehlers, Sandersdorf, Germany, assignors, by mesne assignments, to Pen-Chlor, Incorporated, Philadelphia, Pa. Recovery of calcium hypochlorite. 1,919,304; July 25.
- Reitz, Heinrich, Bitterfeld, and H. Ehlers, Sandersdorf, Germany, assignors, by mesne assignments, to Pen-Chlor, Incorporated, Philadelphia, Pa. Recovery of calcium hypochlorite. 1,931,622; Oct. 24.
- Reker, Charles H., assignor to The Metropolitan Paving Brick Company, Canton, Ohio. Method and apparatus for forming lugs on clay columns and the like. 1,914,981; June 20.
- Reliable Electric Company. (See Buehring, William J., assignor.)
- Reliable Electric Company. (See Patterson, Richard B., assignor.)
- Reliable Electric Company. (See Perry, Horace W., assignor.)
- Reliable Knitting Works. (See Joba, Elmer N., assignor.)
- Reliance Bronze & Steel Corporation. (See Zenker, Oscar E., assignor.)
- Reliance Electric & Engineering Company, The. (See Dunning, Samuel G., assignor.)
- Reliance Electric and Engineering Company, The. (See Hirsch, Louis L., assignor.)
- Reliance Electric & Engineering Company, The. (See MacCutcheon, Alexander M., assignor.)
- Reliance Gauge Column Company, The. (See Brown, John R., assignor.)
- Reliance Gauge Column Company, The. (See Brown, J. R., and Sams, assignors.)
- Reliance Machine and Stamping Works. (See Norman, Ernest B., assignor.)
- Reliance Manufacturing Company. (See Heyman, J. K., and Wenzel, assignors.)
- Reliance Packing & Manufacturing Co. (See McNair, James S., assignor.)
- Reliance Regulator Corporation. (See Thrall, Walter I., assignor.)
- Reliance Specialties Manufacturing Co. (See Coban, Morris J., assignor.)
- Reliance Steel Products Company. (See McAfoos, Lawrence R., assignor.)
- Relton, Cyril M. (See Gardner, W. H., and Relton.)
- Remac Patents Corporation. (See Spence, John L., jr., assignor.)
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. Re18,737; Feb. 14.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,904,984; Apr. 18.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,910,364; May 23.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,918,289; July 18.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,919,170; July 18.
- Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 1,929,447; Oct. 10.
- Remiker, George S. (See Anheuser, E. A., and Remiker.)
- Remington, Alfred M., assignor to Simonds Saw & Steel Co., Fitchburg, Mass. Convex cutting method and apparatus. 1,895,819; Jan. 31.
- Remington, Alfred M., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Method and apparatus for making band saws. 1,921,039; Aug. 8.
- Remington, Alfred M., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Machine for circular grinding. 1,938,439; Dec. 5.
- Remington Arms Company. (See Burns, James E., assignor.)
- Remington Arms Company. (See Loomis, Crawford C., assignor.)
- Remington Arms Company. (See Lowe, Aubrey L., assignor.)
- Remington Arms Company. (See Shelton, William G., assignor.)
- Remington Arms Company. (See Woodford, Watson H., assignor.)
- Remington Arms Company, Inc. (See Bradbury, Walter S., assignor.)
- Remington Arms Company, Inc. (See Burns, James E., assignor.)
- Remington Arms Company, Inc. (See Campbell, Allan, assignor.)
- Remington Arms Company, Inc. (See Jackson, Daniel D., assignor.)
- Remington Arms Company, Inc. (See Loomis, Crawford C., assignor.)
- Remington Arms Company, Inc. (See Seiler, Richard J., assignor.)
- Remington, Benjamin F., Wilmington, and C. C. Stevenson, deceased, Inglewood, Margaret O. Stevenson, administratrix, Inglewood, Calif.; said Remington assignor to The Texas Company, New York, N. Y. Liquid sampling device. 1,938,224; Dec. 5.
- Remington, Joseph P., assignor to Stokes and Smith Company, Philadelphia, Pa. Method of and apparatus for spreading fabrics. 1,912,466; June 6.
- Remington, Joseph P., assignor to Stokes and Smith Company, Philadelphia, Pa. Method and apparatus for spreading fabrics. 1,912,724; June 6.
- Remington Rand Inc. (See Barker, Howard F., assignor.)
- Remington Rand Inc. (See Davis, Elmer W., assignor.)
- Remington Rand Inc. (See Finley, Charles A., assignor.)
- Remington Rand Inc. (See Going, George G., assignor.)
- Remington Rand Inc. (See Hutchings, Le Roi E., assignor.)
- Remington Rand Inc. (See Landsiedel, Harry, assignor.)
- Remington Rand Incorporated. (See Landsiedel, Walter W., assignor.)
- Remington Rand Inc. (See Lasker, William W., assignor.)
- Remington Rand Incorporated. (See Lorant, Rudolf, assignor.)
- Remington Rand Inc. (See Mehan, Thomas O., assignor.)
- Remington Rand Inc. (See Meyers, Joseph M., assignor.)
- Remington Rand Inc. (See Newland, J. R., and Lundeen, assignors.)
- Remington Rand Inc. (See Pettis, Fred A., assignor.)
- Remington Rand Inc. (See Powers, James, assignor.)
- Remington Rand Inc. (See Rand, Benjamin G., assignor.)
- Remington Rand Inc. (See Rand, J. H., jr., and Zellers, assignors.)
- Remington Rand Inc. (See Ruddell, Allison R., assignor.)
- Remington Rand Inc. (See Shulte, Charles, assignor.)
- Remington Rand Inc. (See Sibley, Edward W., assignor.)
- Remington Rand Inc. (See Stuart, Nicholas H., assignor.)
- Remington Rand Inc. (See Taber, Ralph F., assignor.)
- Remington Rand Inc. (See Wassell, Frank L., assignor.)
- Remington Rand Inc. (See Wolters, Carl F., assignor.)
- Remington Rand Inc. (See Wood, Rodney J., assignor.)
- Remington Typewriter Company. (See Barney, Edwin E., assignor.)
- Remington Typewriter Company. (See Going, George G., assignor.)
- Remington Typewriter Company. (See Hart, Frederick A., assignor.)
- Remington Typewriter Company. (See Walsoe, Sigurd L., assignor.)
- Remier, Raymond F. (See Lemmerman, P. C., and Remier.)
- Remotrole Corporation. (See Washington, B., and Aull.)
- Remy, Robert C., Mansfield, Ohio. Variable speed transmission. 1,940,101; Dec. 19.
- Renard, Henri E., Eontenay-Sous-Bois, France, assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of films. 1,928,031; Sept. 26.
- Renard, Henry L., Pearl River, N. Y. Method and apparatus for protecting glass panes from injury. 1,936,732; Nov. 28.
- Renard, Henry L., Basking Ridge, N. J. Insecticide. 1,941,055; Dec. 26.
- Renaud, Louis. (See Saives, Léon, assignor.)
- Renaux, Eugène P., Paris, France, assignor to Bendix Brake Company, South Bend, Ind. Concentrically expanding brake. 1,928,074; Sept. 26.
- Renaux, Eugène P., Paris, and L. J. Renaux, Livry-Gargan, France. Controlling mechanism. 1,918,667; July 18.
- Renaux, Lucien J. (See Renaux, E. P. and L. J.)
- Renda, Vincent, Baltimore, Md. Power mechanism. 1,923,887; Aug. 22.
- Rendell, Edward F. (See Monk, C. J., and Rendell.)
- Rendelman, Joseph, and W. Holstrum, Philadelphia, Pa., assignors to said Rendelman and said Holstrum, trustees. Radiator and filter therefor. 1,922,863; Aug. 15.
- Rendleman, Norman C., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Rolling mill. 1,932,750; Oct. 31.
- Renfer, John E., Cleveland, Ohio. Fluid operated machine. 1,925,604; Sept. 5.
- Renfer, John E., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 1,923,796; Aug. 22.
- Renfer, John E., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Steel retainer. 1,931,509; Oct. 24.
- Renfer, John E., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Tool retainer. 1,938,860; Dec. 12.
- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Machine for manufacturing filter ribbon. 1,896,122; Feb. 7.
- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Apparatus for winding filter ribbon. 1,915,103; June 20.
- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Preventing error in meters. 1,935,667; Nov. 21.

- Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 1,940,271; Dec. 19.
- Renfrew, Paul B., and L. R. Hartley, assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Filtering apparatus. 1,906,417; May 2.
- Renfrew, Paul B., and L. R. Hartley, assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Filtering apparatus. 1,906,418; May 2.
- Renfro, Pete D. (See Rollins, Levy J., assignor.)
- Renfro, Rennie, assignor of one-half to W. R. Hancock, Van Nuys, Calif. Combined racing greyhound harness and rider supporting means. 1,926,420; Sept. 12.
- Renholdt, John E. (See Lucarella, J. M. and Renholdt.)
- Renholts, John. (See Friden, C. M. E., and Renholts.)
- Renik, Andrew F., Kenosha, Wis. Headlight indicator. 1,911,164; May 23.
- Renkin, Robert F., assignor to Sharon Steel Hoop Company, Sharon, Pa. Continuous coating wiper apparatus. 1,932,229; Oct. 24.
- Rennacker, Clarence A., Kansas City, Mo. Colander. 1,923,014; Aug. 15.
- Rennels, Fred, et al. (See Rennels, Jess L., assignor.)
- Rennels, Jess L., Crowell, assignor of one-fourth to J. A. Presley, one-fourth to D. M. Presley, Vernon, and one-fourth to Fred Rennels, Crowell, Tex. Seed cotton unloading apparatus. 1,918,133; July 11.
- Renner, Alfred, Berlin-Tegel, Germany, assignor to General Electric Company. Internal combustion engine. 1,925,003; Aug. 29.
- Renner, Alfred, Berlin-Tegel, and E. Daiber, Berlin-Lichterfelde-West, Germany, assignors to General Electric Company. Cam shaft or holder. 1,938,402; Dec. 5.
- Renner, Anna R., New Canaan, Conn. Automobile. Des. 91,037; Nov. 21.
- Renner, Eugene B. (See White, L. O., and Renner.)
- Rennerfelt, Sven B., Stockholm, Sweden. Spring injection fuel pump. 1,929,935; Oct. 10.
- Rennerfelt, Ture G., Stockholm, Sweden. Friction gearing. 1,936,858; Nov. 28.
- Renninger, William R., Diamond, Ohio. Cylinder gold separator. 1,918,489; July 18.
- Reno, William E., Glendale, Calif. Heater. 1,902,099; Mar. 21.
- Renouprez, Jules A., Roussillon, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sheets of decorated plastic material. 1,912,401; June 6.
- Renshaw, David E., Wilkinsburg, and H. L. Thomas, Turtle Creek, Pa., assignors to Westinghouse Electric and Manufacturing Company. Thermal control device. 1,930,539; Oct. 17.
- Renschin, Alfred, Chicago, Ill. Brush. 1,936,174; Nov. 21.
- Rentschler, Harvey C. (See Marden, J. W., and Rentschler.)
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Making failure indicator lamps. 1,893,305; Jan. 3.
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Photo-electric tube. 1,917,854; July 11.
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Photo-electric tube. 1,917,855; July 11.
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Photo-electric device. 1,923,844; Aug. 22.
- Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Lamp Company. Photo-electric device. 1,923,845; Aug. 22.
- Rentschler, Harvey C., East Orange, and D. E. Henry, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Negative glow lamp. 1,893,304; Jan. 3.
- Rentschler, Mahlon J. (See Jeavons, W. R., and Rentschler.)
- Rentschler, Mahlon J., Willoughby, assignor of one-half to W. R. Jeavons, Cleveland Heights, Ohio. Manufacturing barium oxide. 1,913,289; June 6.
- Renu Parts Corporation. (See Covert, Martin B., assignor.)
- Renzenhausen, Raymond L., assignor to Vestal Chemical Company, St. Louis, Mo. Fluid dispensing apparatus. 1,919,257; July 25.
- Reo Motor Car Company. (See Fiedler, Max G., assignor.)
- Reo Motor Car Company. (See Furgason, Claude E., assignor.)
- Reo Motor Car Company. (See Jeffries, Schuyler A., assignor.)
- Reo Motor Car Company. (See Mann, Ira C. W., assignor.)
- Reo Motor Car Company. (See Thomas, Horace T., assignor.)
- Reo Motor Car Company. (See Thomas, H. T., Furgason, and Hays, assignors.)
- Repert, Walter B. (See Cato, L. F., and Repert.)
- Replogle, Daniel B., Berkeley, Calif. Double centrifugal fan and making the same. 1,928,075; Sept. 26.
- Replogle, Daniel B., Berkeley, Calif., assignor to The Commerce Guardian Trust & Savings Bank, trustee. Toledo, Ohio. Air-way cleaning tool and end closure therefor. 1,895,584; Jan. 31.
- Replogle, Daniel B., Berkeley, Calif., assignor to The Commerce Guardian Trust & Savings Bank Trustee, Toledo, Ohio. Electrically operated suction cleaner. 1,912,386; June 6.
- Replogle, Delbert E., Leonia, assignor to Jenkins Television Corporation, Passaic, N. J. Electrooptical system and method. 1,914,580; June 20.
- Replogle, Delbert E., Leonia, assignor to Jenkins Television Corporation, Jersey City, N. J. Electrical image transmission. 1,915,385; June 27.
- Replogle, Hartley L., Chicago, Ill. Golf putter head. Des. 90,924; Oct. 24.
- Replogle, John R., Detroit, assignor to Copeland Products, Inc., Mount Clemens, Mich. Refrigerator cabinet. Des. 89,534; Mar. 21.
- Replogle, John R., Detroit, assignor to Copeland Products, Inc., Mount Clemens, Mich. Refrigerator top. Des. 89,535; Mar. 21.
- Replogle, John R., Detroit, assignor to Copeland Products, Inc., Mount Clemens, Mich. Refrigerator door. Des. 89,536; Mar. 21.
- Replogle, John R., Detroit, Mich., assignor to Copeland Products, Inc. Condenser. 1,921,243; Aug. 8.
- Replogle, John R., Detroit, Mich., assignor to Copeland Products, Inc. Control valve. 1,925,281; Sept. 5.
- Replogle, John R., Detroit, Mich., assignor to Copeland Products, Inc. Refrigerating mechanism. 1,935,333; Nov. 14.
- Replogle, John R., Detroit, Mich., assignor to Copeland Products, Inc. Heat interchange device. 1,937,669; Dec. 5.
- Repp, Albert H., Johnstown, Pa. Dispensing container for toothpicks or other similar articles. 1,941,322; Dec. 26.
- Repp, Clinton B., Plainfield, N. J. Nut cracker. 1,930,692; Oct. 17.
- Repp, William H., assignor to Projector Optics Co., Rochester, N. Y. Projecting lens. 1,937,168; Nov. 28.
- Reppe, Walter. (See Munch, E., Nicolai, Fick, and Reppe.)
- Reppe, Walter, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of vinyl ethers. 1,941,108; Dec. 26.
- Republic Carbon Company, The. (See Broadwell, Bartley E., assignor.)
- Republic Flow Meters Company. (See Bridges, James assignor.)
- Republic Flow Meters Company. (See Cunningham, Arthur B., assignor.)
- Republic Flow Meters Co. (See Freeman, Ernest H., assignor.)
- Republic Flow Meters Company. (See Furlong, Francis A., assignor.)
- Republic Flow Meters Company. (See Sandison, Alexander G. S., assignor.)
- Republic Flow Meters Company. (See Spitzglass, Jacob M., assignor.)
- Republic Rubber Company, The. (See McCormick, Clarence E., assignor.)
- Republic Stamping and Enameling Company, The. (See Carlson, Charles T., assignor.)
- Republic Steel Corporation. (See Cape, A. T., and Bowman, assignors.)
- Republic Steel Corporation. (See Cooper, Sheldon D., assignor.)
- Republic Steel Corporation. (See Coryell, William C., assignor.)
- Republic Steel Corporation. (See Coyle, Paul L., assignor.)
- Republic Steel Corporation. (See Ellisonk, Harry C., assignor.)
- Republic Steel Corporation. (See Harris, Albert, assignor.)
- Republic Steel Corporation. (See Hermansdorfer, Adam J., assignor.)
- Republic Steel Corporation. (See Kelvie, James D., assignor.)
- Republic Steel Corporation. (See Neckerman, William M., assignor.)
- Republic Steel Corporation. (See Rasmussen, Peter C., assignor.)
- Republic Steel Corporation. (See Schmitz, Fred A., assignor.)
- Republic Steel Corporation. (See Trevorton, Stephen, assignor.)
- Republic Steel Corporation. (See Witherow, W. P., and Coyle, assignors.)
- Re Qua, Frederick L., assignor to Steel-Weld Equipment Corporation, San Francisco, Calif. Portable shaper. 1,935,484; Nov. 14.
- Requa, William H., Portland, Oreg. Illuminable sprinkler. 1,929,825; Oct. 10.
- Resch, Charles H., Akron, Ohio. Demountable rim for wire wheels. 1,894,572; Jan. 17.
- Resch, Henry, Bayonne, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 1,905,305; Apr. 25.
- Resch, Tony, assignor of one-fourth to S. A. Frick, Rockwell City, Iowa. Closure packing. 1,918,134; July 11.
- Resch, Tony, assignor of one-fourth to S. A. Frick, Rockwell City, Iowa. Article of manufacture. 1,918,135; July 11.
- Research Corporation. (See Crowder, Alexander N., assignor.)

- Research Corporation. (See Fiedler, M., and Pessl, assignors.)
- Research Corporation. (See Meston, Archibald F., assignor.)
- Research Corporation. (See Royster, Percy H., assignor.)
- Research Corporation. (See Wintermute, Harry A., assignor.)
- Research & Development Corporation. (See Dalglish, Herbert V., assignor.)
- Research Laboratories of National Dairy Products Corporation. (See Myers, Robert P., assignor.)
- Research Laboratories of National Dairy Products Corporation. (See Parker, Milton E., assignor.)
- Research Laboratories of National Dairy Products Corporation. (See Parker, M. E., and Quam, assignors.)
- Resek, Marc. (See Chadwick, L. S., and Resek.)
- Resek, Marc. (See Chadwick, L. S., Resek, and Midnight.)
- Resel, Marc. (See Chadwick, L. S., Resek, and Dahlstrom.)
- Resengin, Inc. (See Wells, Rex E., assignor.)
- Resinous Products & Chemical Co., The. (See Bruson, Herman A., assignor.)
- Resinous Products & Chemical Co., Inc., The. (See Bruson, H. A., Robinson, and Stein, assignors.)
- Respats, Inc. (See Respass, Roland B., assignor.)
- Respass, Roland B., Wickford, assignor to Respats, Inc., Providence, R. I. Continuous process of reducing or reforming wood or other fibrous material. 1,897,620; Feb. 14.
- Respass, Roland B., Wickford, assignor to Respats Inc., Cranston, R. I. Fibrous product and manufacture of same. 1,899,985; Mar. 7.
- Respass, William R., Grassmere, N. Y., assignor to Naz-Dar Company, Chicago, Ill. Stenciling machine. 1,901,473; Mar. 14.
- Respro Inc. (See Freyberg, Ralph M., assignor.)
- Ressegger, Lloyd E. (See Allen, G. N., Parker, and Ressegger.)
- Resseguie, Earl H., Flint, Mich. Necktie fastener. 1,897,333; Feb. 14.
- Resser, Luther S., Youngstown, Ohio. Mill table. 1,927,847; Sept. 26.
- Ressler, Wm. E. (See Heitzman, Richard J., assignor.)
- Rest, Sigmund, Chicago, Ill. Advertising device. 1,917,328; July 11.
- Retailian, Edmond, St. Louis, Mo., assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Treating cracked petroleum distillates. 1,936,210; Nov. 21.
- Retlau Electric Appliance Corporation. (See Hamill, Ret O., assignor.)
- Retsema, Jay, Muskegon, Mich., assignor to Service Station Equipment Company, Conshohocken, Pa. Liquid dispensing apparatus. 1,914,927; June 20.
- Retsor Mining Company. (See Courthope, Thomas F., assignor.)
- Rettenmeyer, Frederick W., assignor to The Napier Company, Meriden, Conn. Bottle lock. 1,937,295; Nov. 28.
- Rettew, Granville R., assignor to Joseph W. Strode, Floyd W. Divine, and Granville R. Rettew, trading as Chester County Mushroom Laboratories, West Chester, Pa. Recipe for the culture of mushroom spawn and the like. 1,914,353; June 13.
- Rettew, Granville R., assignor to J. W. Strode, F. W. Divine, and G. R. Rettew, trading as Chester County Mushroom Laboratories, West Chester, Pa. Mushroom spawn and substrate therefor. 1,939,600; Dec. 12.
- Rettich, Kurt, Toledo, Ohio, assignor, by mesne assignments, to The Reynolds Spring Company, Jackson, Mich. Box. Des. 89,210; Feb. 7.
- Rettich, Kurt, Toledo, Ohio, assignor, by mesne assignments, to The Reynolds Spring Company, Jackson, Mich. Cork. Des. 89,211; Feb. 7.
- Rettich, Kurt, Toledo, Ohio, assignor, by mesne assignments, to The Reynolds Spring Company, Jackson, Mich. Combined corkscrew and guard. Des. 89,308; Feb. 21.
- Rettich, Kurt, Jackson, Mich., assignor to Warren Telechron Company. Clock case. Des. 90,213; June 27.
- Rettich, Kurt, Toledo, Ohio, assignor, by mesne assignments, to The Reynolds Spring Company, Jackson, Mich. Picture frame. Des. 90,731; Sept. 19.
- Rettich, Kurt, Toledo, Ohio, assignor, by mesne assignments, to The Reynolds Spring Company, Jackson, Mich. Picture frame. Des. 90,732; Sept. 19.
- Rettich, Kurt, assignor to Reynolds Spring Company, Jackson, Mich. Measuring spoon or the like. Des. 91,251; Dec. 26.
- Reuld, Friedrich. (See Herold P., and Reubold.)
- Reum, William A., assignor to National Standard Company, Niles, Mich. Tire cover. 1,896,014; Jan. 31.
- Reumelin, Richard, Milwaukee, Wis. Air drier. 1,899,988; Mar. 7.
- Reussenzehn, Ernest A., assignor to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,902,100; Mar. 21.
- Reussenzehn, Ernest A., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Article feeder for slicers. 1,939,083; Dec. 12.
- Reusser, Paul, Biel, Switzerland. Machine for grinding the edges of watch glasses. 1,918,663; July 18.
- Reuter, Baptist, Krailing-Planegg, Germany. 4-brom-diethylacetylaminol-1-phenyl-2, 3-dimethyl-5-pyrazolone and preparing the same. 1,906,200; Apr. 25.
- Reuter, Frederic W., Towanda, Pa. Cassette. 1,897,621; Feb. 14.
- Reuter, Hans C., La Crosse, Wis. Folding platform and blackboard. 1,912,096; May 30.
- Reuter, William F. (See Brown, J., and Reuter.)
- Reutter, Frederick, assignor to Scovill Manufacturing Company, Waterbury, Conn. Making pin type contact members. 1,914,650; June 20.
- Reutter, Frederick, assignor to Scovill Manufacturing Company, Waterbury, Conn. Pin type contact member. 1,914,651; June 20.
- Reutter, Frederick, and J. H. Goss, assignors to Scovill Manufacturing Company, Waterbury, Conn. Hose coupling. 1,919,860; July 25.
- Reutter, Jean L., Paris, France. Torsion pendulum. 1,904,169; Apr. 18.
- Reutter, Wilhelm, Stuttgart, Germany. Carriage body for automobiles. 1,935,993; Nov. 21.
- Revere Copper & Brass Incorporated. (See Brick, Perry A., assignor.)
- Revere Copper and Brass Incorporated. (See Lucia, Louis V., assignor.)
- Revere Copper and Brass Incorporated. (See Oakley, William E., assignor.)
- Revere Copper and Brass Incorporated. (See Poulsen, Edward B., assignor.)
- Revere Copper and Brass Incorporated. (See Steele, Maurice G., assignor.)
- Revere Copper and Brass Incorporated. (See Todt, Harold N., assignor.)
- Revere Copper & Brass Incorporated. (See Wiggins, Leslie A., assignor.)
- Revere Copper and Brass Incorporated. (See Wilkins, Richard A., assignor.)
- Revere Rubber Company. (See Abbott, Adrian O., jr., assignor.)
- Revere Rubber Company. (See Galligan, J. J., and Robinson, assignors.)
- Revere Rubber Company. (See Gibbons, Willis A., assignor.)
- Revere Rubber Company. (See Hazell, Eardley, assignor.)
- Revere Rubber Company. (See McKay, Edward E., assignor.)
- Revere Rubber Company. (See Smith, Robert F., assignor.)
- Reverey, Gustav. (See Boedecker, F., Reverey, and Volk.)
- Revertex Limited. (See Hauser, Ernst A., assignor.)
- Revis, Solomon N., assignor to V. E. Revis, Ashland, Nebr. Corn sheller. 1,903,516; Apr. 11.
- Revis, Vernon E. (See Revis, Solomon N., assignor.)
- Rewald, Bruno, Hamburg, Germany. Light colored mixture of vegetable phosphatides and fatty oil. 1,895,424; Jan. 24.
- Rewald, Bruno, Hamburg, Germany. Separating fatty constituents from oleaginous materials. 1,903,397; Apr. 4.
- Rewald, Bruno, Hamburg, Germany. Extracting oil from seeds. 1,917,734; July 11.
- Rewald, Bruno, assignor to Hanseatische Muehlenwerke Aktiengesellschaft, Hamburg, Germany. Preparing stable aqueous emulsions of lecithin and oil. 1,934,005; Nov. 7.
- Rewald, Bruno, assignor to the Firm of Hanseatische Muehlenwerke Aktiengesellschaft, Hamburg, Germany. Insecticidal emulsion. 1,938,864; Dec. 12.
- Rex Manufacturing Co. (See Hull, Robert W., assignor.)
- Reyburn, John R., Fairfield, assignor to American Chain Company, Inc., Bridgeport, Conn. Attaching reinforcements to extended articles. 1,907,092; May 2.
- Reyburn, John R., Fairfield, Conn., assignor to American Chain Company, Inc. Chain connector. 1,909,896; May 16.
- Reyerson, Lloyd H., Minneapolis, Minn., assignor to The Silica Gel Corporation, Baltimore, Md. Catalyst and making same. 1,925,820; Sept. 5.
- Reyes, Hermenegildo C., Manila, Philippine Islands. Root anchoring means. 1,896,422; Feb. 7.
- Reymersholms Gamla Industri Aktiebolag. (See Wiberg, A. R., and Schön, assignors.)
- Reymond, Louis, Villeurbanne, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. Pl. Pt. 63; May 2.
- Reynolds, Adolph R., Columbia, S. C. Bottle filling machine. 1,901,335; Mar. 14.
- Reynolds, Adolph R., Columbia, S. C. Bottle filling machine. 1,921,244; Aug. 8.
- Reynolds, Anita S. (See Reynolds, John N., and A. S.)
- Reynolds, Anita S., Greenwich, Conn. Meteorological indicator. 1,913,511; June 13.
- Reynolds, Anita S., Princeton, N. J. Meteorological indicator. 1,913,512; June 13.
- Reynolds, Arthur W., Newtown, Conn. Harrow. 1,935,416; Nov. 14.
- Reynolds, Blythe M., Utica, N. Y. Increasing the activity of oxidation catalysts. 1,896,031; Jan. 31.
- Reynolds, Carrie M., Rochester, N. Y. Corner cushion. 1,935,485; Nov. 14.
- Reynolds, Charles R., Swampscott, Mass. Surgical dressing and making same. 1,911,291; May 30.
- Reynolds, Charles B., Brea, Calif. Safety casing head. 1,929,826; Oct. 10.
- Reynolds, Clifton G., San Francisco, Calif. Wall board construction. 1,905,397; Apr. 25.
- Reynolds, Edward M. (See Bailey, A. S., and Reynolds.)
- Reynolds, Edward W., Benkelman, Nebr. Door latch. 1,937,845; Dec. 5.

- Reynolds, Ellwood W., Drexel Hill, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motion picture apparatus. 1,909,074; May 16.
- Reynolds, Ellwood W., Drexel Hill, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photoacoustic cinematographic apparatus. 1,939,522; Dec. 12.
- Reynolds, Frank C. (See Bennett, I. T., and Reynolds.)
- Reynolds, Frank C., New York, N. Y., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation. Combination window and radiator enclosure. 1,921,040; Aug. 8.
- Reynolds, Frank C., New York, N. Y., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation. Forming radiators. 1,921,041; Aug. 8.
- Reynolds, Fred L. (See Gann, J. A., and Reynolds.)
- Reynolds, Frederick D., St. Louis, Mo. Heel gripper plate for shoes. 1,930,564; Oct. 17.
- Reynolds Gas Regulator Co. (See Hughes, Ralph C., assignor.)
- Reynolds, George A., Los Angeles, Calif. Rock crusher and separator. 1,902,721; Mar. 21.
- Reynolds, Hamilton T., Huntingdon, Pa. Window. 1,911,292; May 30.
- Reynolds, Hamilton T., Huntingdon, Pa. Window. 1,928,543; Sept. 26.
- Reynolds, Harry R. (See Searles, R. R., and Reynolds.)
- Reynolds, Henry T. (See Strausser, H. S., and Reynolds.)
- Reynolds, James N., and C. J. Scranton, jr., assignors to Avery Power Machinery Co., Peoria, Ill. Accelerating feed roll. 1,902,292; Mar. 21.
- Reynolds, John L., Jackson Heights, assignor to Electrical Research Products Inc., New York, N. Y. Circuit for electric discharge devices. 1,904,533; Apr. 18.
- Reynolds, John L., Long Island City, N. Y., assignor, by mesne assignments, to Electrical Research Products Inc. Switching apparatus for sound-reproducing systems. 1,931,035; Oct. 17.
- Reynolds, John N. and A. S., Greenwich, Conn. Fluid pressure indicator and control. 1,934,375; Nov. 7.
- Reynolds, John N., Princeton, N. J., and H. F. Dobbin, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switching device. 1,921,430; Aug. 8.
- Reynolds, Joy S., Detroit, Mich. Internal expanding brake. 1,934,769; Nov. 14.
- Reynolds, Lynus C., Sweetwater, Tenn., assignor to The Tabulating Machine Company, Endicott, N. Y. Tabulating machine. 1,914,292; June 13.
- Reynolds, Lynus C., Sweetwater, Tenn., assignor to The Tabulating Machine Company, Endicott, N. Y. Perforating machine. 1,914,293; June 13.
- Reynolds, Lynus C., Sweetwater, Tenn., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Typewriter accumulator. 1,930,252; Oct. 10.
- Reynolds, Martha M., Poughkeepsie, N. Y. Knockdown playhouse. 1,907,119; May 2.
- Reynolds, Marvin C., Chicago, Ill. Manufacturing margarine. 1,917,273; July 11.
- Reynolds, Morley P., Cleveland Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Screening apparatus. 1,906,336; May 2.
- Reynolds, Posey D., Rustburg, Va. Piston tool. 1,902,722; Mar. 21.
- Reynolds, Ralph K., assignor to The Mallory Hat Company, Danbury, Conn. Hat and hat-making art. 1,924,289; Aug. 29.
- Reynolds, Reginald, Norwich, Conn., assignor to Fabreka Belting Co. Inc., Boston, Mass. Belt and making the same. 1,935,817; Nov. 21.
- Reynolds Research Corporation. (See Moody, Virginius W., assignor.)
- Reynolds Spring Company. (See Atwood, John T., assignor.)
- Reynolds Spring Company. (See Costigan, Wesley S., assignor.)
- Reynolds Spring Company. (See Forbes, F. M., and Hawes, assignors.)
- Reynolds Spring Company. (See Moske, Alexander W., assignor.)
- Reynolds Spring Company, The. (See Rettich, Kurt, assignor.)
- Reynolds Spring Company. (See Rossiter, John G., assignor.)
- Reynolds Spring Company. (See Schrier, D. P., and Jackson, assignors.)
- Reynolds, Thurlow W. (See Haskins, E. O., and Reynolds.)
- Reynolds, Walter C., assignor to J. E. Eddleman, Bayard, Neb. Oil and air dispenser. 1,912,309; May 30.
- Reynolds, Walter M., Corpus Christi, assignor of one-third to J. Wilde, Willacy County, Tex. Cultivator. 1,935,889; Nov. 21.
- Reynolds, Wellington G., Holyoke, Mass. Blackboard eraser. 1,928,230; Sept. 26.
- Reynolds, Wellington G., Holyoke, Mass. Book stitching and folding machine. 1,937,979; Dec. 5.
- Reynolds, William R., Passaic, N. J. Automatic snubbing device. 1,913,566; June 13.
- Reynolds Wire Co. (See Cohn, Ralph F., assignor.)
- Reynolds Wire Co. (See Thompson, Herbert L., assignor.)
- Reynoldson, Roland G., Madison, Wis. System for indicating working conditions of condensers and the like. 1,917,810; July 11.
- Reyrolle, A., & Company Limited. (See Bowden, George H., assignor.)
- Reyrolle, A., & Company Limited. (See Christie, J., and Amer, assignors.)
- Reyrolle, A., & Company Limited. (See Leben, Henry, assignor.)
- Reyrolle, A., & Company Limited. (See Leben, H., and Cooke, assignors.)
- Reyrolle, A., & Company Limited. (See Leeson, B. H., Anderson and Lambert, assignors.)
- Reyrolle, A., & Company, Limited. (See Leeson, B. H., and Lambert, assignors.)
- Rezsny, Koloman, Budapest, Hungary, assignor to the Firm Hydrometer A.-G. Speedometer. 1,915,761; June 27.
- Rezyl Corporation. (See Ellis, Carleton, assignor.)
- Rhea, Samuel, Mendota, Ill. Razor blade sharpener. 1,918,132; July 11.
- Rhea, Thomas R., Schenectady, N. Y., assignor to General Electric Company. Compass. 1,922,864; Aug. 15.
- Rhea, Thomas R., and W. B. Snyder, Schenectady, N. Y., assignors to General Electric Company. Motor control system. 1,925,881; Sept. 5.
- Rhein, Charles E. (See Davis, W. T., and Rhein.)
- Rheiner, Alfred, assignor to the Firm "Chemical Works formerly Sandoz", Basel, Switzerland. Manufacture of emulsifying and wetting-out agents. 1,903,879; Apr. 18.
- Rheiner, Alfred, assignor to the Firm "Chemical Works formerly Sandoz", Basel, Switzerland. Preparation of effect threads. 1,926,498; Sept. 12.
- Rheiner, Alfred, and J. Link, assignor to the Firm Chemical Works formerly Sandoz, Basel, Switzerland. Sulfonated higher fatty acid esters. 1,936,265; Nov. 21.
- Rheiner, William, Detroit, Mich. Lamp fixture. 1,899,723; Feb. 28.
- Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung. (See Schöllkopf, Karl, assignor.)
- Rheinische Kampfer-Fabrik G. m. b. H. (See Schöllkopf, Karl, assignor.)
- Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung. (See Skollkopf, K., and Serini, assignors.)
- Rheinische Metallwaren und Maschinenfabrik Sommerda Aktiengesellschaft. (See Kottmann, August, assignor.)
- Rheinische Metallwaren- und Maschinenfabrik. (See Rühlmann, Herbert, assignor.)
- Rheinländer, Paul, Alena in Westfalen, assignor to P. de Bruyn, Düsseldorf, Germany. Ring balance. 1,920,594; Aug. 1.
- Rheinstrom, James A., executor, et al. (See Kiefer, Karl.)
- Rhineland Paper Company. (See Becker, Nils F., assignor.)
- Rhineland Refrigerator Co. (See Maine, Vernon M.)
- Rhodes, Lewis T., Mont Clare, Pa. Condenser tester. 1,908,052; May 9.
- Rhode Island Hospital Trust Company, administrator. (See Baldwin, Luther C.)
- Rhode Island Warp Stop Equipment Company. (See Gibbs, Frank B., assignor.)
- Rhode Island Warp Stop Equipment Company. (See Smith, Edwin C., assignor.)
- Rhode Island Warp Stop Equipment Company. (See Smith, E. C., and McLaughlin, assignors.)
- Rhodes, Cecil, Southampton, and J. H. Phillips, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Loading coil container. 1,935,918; Nov. 21.
- Rhodes, Charles J., Wakefield, England. Press for drawing sheet metal. 1,903,475; Apr. 11.
- Rhodes, Edmund O., and F. D. Hager, Pittsburgh, Pa., assignors to The American Tar Products Company. Treatment of tar. 1,905,423; Apr. 25.
- Rhodes, Fred D., New York, N. Y. Transmission line. 1,917,600; July 11.
- Rhodes, Herbert L., Oakland, Calif. Preparing synthetic rutile titanium dioxide. 1,922,328; Aug. 15.
- Rhodes, Herbert L., Oakland, Calif., assignor to The Glidden Company, Cleveland, Ohio. Producing titanium dioxide. 1,931,682; Oct. 24.
- Rhodes-Hochriem Manufacturing Company. (See Pehlke, John, assignor.)
- Rhodes, Leon Le Roy, Minneapolis, Minn. Coupling. 1,904,387; Apr. 18.
- Rhodes, Luther, Montrose, Colo. Land marker. 1,634,645; Nov. 7.
- Rhodes, M. H., Inc. (See Franz, Frederick, assignor.)
- Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., New Haven, Conn. Switch. 1,895,398; Jan. 24.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., New Haven, Conn. Signal. 1,895,399; Jan. 24.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., New Haven, Conn. Switch. 1,916,867; July 4.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Switch. 1,929,793; Oct. 10.
- Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Switch. 1,938,721; Dec. 12.
- Rhodes, Mildred E., Newport News, Va. Bathing cap. 1,931,966; Oct. 24.
- Rhodes, Oliver F., Peru, Ind. Control for heating and like systems. 1,932,422; Oct. 31.
- Rhodes-Perry-Martin, Inc. (See Mohn, Arnold, assignor.)
- Rhodes, Russell I., jr., North Attleboro, assignor to the Mason Box Company, Attleboro Falls, Mass. Container for displaying merchandise. 1,899,483; Feb. 28.

- Rhodes, Waddill L., San Jon, N. Mex. Lister attachment. 1,916,637; July 4.
- Rhonomus, Clarence A. (See McKinley, T. C., and Rhonomus.)
- Ribe, Léon, St. Etienne, France. Superposed barrel breech-loading firearm. 1,906,216; Apr. 25.
- Ribe, Léon, Saint-Etienne (Loire), France. Superposed barrel breech-loading firearm. 1,924,656; Aug. 29.
- Ribeiro, Manoel H., Para, Brazil, assignor to A. C. Herrmann Co., New York, N. Y. Treating nuts. 1,915,242; June 20.
- Ribekof, William, Baltimore, Md. Braking system for automotive vehicles. 1,908,183; May 9.
- Ribera, Lucien, New York, N. Y. Cigarette holder. 1,896,015; Jan. 31.
- Riberolles, René, Paris, France. Aiming apparatus for anti-aircraft fire. 1,894,788; Jan. 17.
- Riberolles, René, Paris, France. Apparatus for aiming guns. 1,939,367; Dec. 12.
- Ribis, Gustave P. G., Paris, France. Hydromechanical transmission device. 1,934,376; Nov. 7.
- Riblet, Robert M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing positioning means. 1,916,233; July 4.
- Riblet, Royal N. (See Ostrander, Edward, assignor.)
- Riblet, Royal N., Spokane, Wash. Conveyer bucket. 1,902,582; Mar. 21.
- Riblet, Royal N., Spokane, Wash. Window operator. 1,923,459; Aug. 22.
- Ricard, Alfred E., Paris, France. Bearing member and manufacturing it. 1,928,544; Sept. 26.
- Ricard, Alfred E., and L. Daniel, Paris, France. Refining lead for use thereof in antifriction alloys containing other metals which are not adapted to be alloyed with lead. 1,914,738; June 20.
- Ricard, Eloi, and H. M. Guinot, assignors to Societe Anonyme des Distilleries des Deux-Sevres, Melle, France. Manufacture of anhydrous formic acid. 1,896,100; Feb. 7.
- Ricard, Eloi, and H. M. Guinot, assignors to Societe Anonyme des Distilleries des Deux-Sevres, Melle, France. Saccharification of wood and other cellulosic materials. 1,896,753; Feb. 7.
- Ricard, Eloi, and H. M. Guinot, assignors to Societe Anonyme des Distilleries des Deux-Sevres, Melle, France. Direct rectifying process for the production of pure alcohol. 1,912,010; May 30.
- Ricard, Eloi, and H. M. Guinot, Melle, France, assignors to U. S. Industrial Alcohol Co., New York, N. Y. Obtaining fatty acids in anhydrous state from aqueous solutions. 1,915,002; June 20.
- Ricard, Eloi, and H. M. Guinot, assignors to Societe Anonyme des Distilleries des Deux-Sevres, Melle, France. Separation of liquids. 1,929,901; Oct. 10.
- Ricard, Eloi, and H. M. Guinot, Melle, France, assignors to U. S. Industrial Alcohol Co., New York, N. Y. Process for the simultaneous distillation, purifying, and dehydration of alcohol obtained from fermented mash. 1,937,786; Dec. 5.
- Ricard, Eloi, and H. M. Guinot, Melle, France, assignors to U. S. Industrial Alcohol Co., New York, N. Y. Process and apparatus for concentrating alcohol. 1,940,699; Dec. 26.
- Ricardo, Harry R., London, England. Swash plate internal combustion engine operating on the two-stroke cycle. 1,895,206; Jan. 24.
- Ricardo, Harry R., London, England. Valve operating mechanism for fluid pressure engines, pumps, or compressors. 1,897,179; Feb. 14.
- Ricardo, Harry R., London, England. Self-aligning spherical joint or bearing. 1,900,617; Mar. 7.
- Ricardo, Harry R., London, England. Driving the speed governors or other auxiliaries of fluid-pressure engines. 1,916,585; July 4.
- Ricardo, Harry R., London, England. Internal-combustion engine of the liquid fuel injection compression ignition type. 1,926,499; Sept. 12.
- Ricardo, Harry R., London, England. Combustion chamber of internal combustion engines of the liquid fuel injection compression ignition type. 1,927,374; Sept. 19.
- Riccardi, Gaetano S., Turin, Italy. Machine for dyeing hanks and skeins of yarn and thread. 1,914,758; June 20.
- Riccelli, Joseph A., Cambridge, Mass. Lock for window sashes and doors. 1,920,669; Aug. 1.
- Ricchiardi, Pier C., assignor to S. A. Brevetti Italiani Esteri S. A. B. I. E., Turin, Italy. Radio telegraphic and telegraphic receiving system. 1,914,043; June 13.
- Ricci, Alvaro, Philadelphia, Pa. Automobile trunk. 1,895,864; Jan. 31.
- Ricci, Leonardo, Arnold, Pa. All metal tire cover. 1,917,157; July 4.
- Riccini, Bruno, assignor to Daprato Statuary Company, Chicago, Ill. Lock. 1,905,057; Apr. 25.
- Rice, A. H., Company. (See Allain, Henry M., assignor.)
- Rice, A. H., Company. (See Stine, Herbert G., assignor.)
- Rice, Adelbert F. (See Rice, Albert E., and A. F.)
- Rice, Albert E. and A. F., Cleveland, Ohio. Antifriction bearing caster. 1,912,795; June 6.
- Rice, Alexander, Brooklyn, N. Y. Display device. 1,898,746; Feb. 21.
- Rice, Alexander, Brooklyn, N. Y. Dispensing receptacle. 1,931,270; Oct. 17.
- Rice, Allen E., Hermosa Beach, Calif., assignor to The National Supply Company, Toledo, Ohio. Gravity spring locking pawl. 1,897,622; Feb. 14.
- Rice, Allen E., Hermosa Beach, Calif., assignor to The National Supply Company, Toledo, Ohio. Water cooled brake rim. 1,918,500; July 18.
- Rice, Allen E., Palos Verde, and L. E. Zerbe, Moneta, Calif., assignors to The National Supply Company, Toledo, Ohio. Distribution of water for cooling brake rims. Re18,887; July 4.
- Rice, Arthur E. (See Trew, J. W., and Rice.)
- Rice, Arthur E., assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Packing fruit and the like. 1,895,430; Jan. 24.
- Rice, Arthur E., assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Packing liner. 1,895,431; Jan. 24.
- Rice, Barton & Fales, Incorporated. (See Clem, Everett W., assignor.)
- Rice, Barton & Fales, Incorporated. (See Kerr, Arthur D., assignor.)
- Rice, Barton & Fales, Incorporated. (See McNicol, A., McNicol, Gill, and Stafford, assignors.)
- Rice, Barton & Fales, Incorporated. (See Vedder, John W., assignor.)
- Rice, Charles V., Cresaptown, Md. Drill bit grinding machine. 1,913,771; June 13.
- Rice, Charles W., Union City, Ind. Roller for shades and the like. 1,898,686; Feb. 21.
- Rice, Charles W., Union City, Ind. Shade roller mounting. 1,923,506; Aug. 22.
- Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Sound wave system. 1,904,534; Apr. 18.
- Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Totally inclosed dynamo-electric machine. 1,907,583; May 9.
- Rice, Chester W., Schenectady, N. Y., and E. W. Kellogg, Moorestown, N. J., assignors to General Electric Company. Sound reproducing apparatus. 1,894,197; Jan. 10.
- Rice, Cyrus W., Pittsburgh, Pa. Control apparatus for blowdown water. 1,895,346; Jan. 24.
- Rice, Cyrus W., Pittsburgh, Pa. Valve mounting means for blowdown control. 1,899,826; Feb. 28.
- Rich, Donald U., Teaneck, N. J., assignor to American Car and Foundry Company, New York, N. Y. Ball frame for shaker chutes. 1,937,592; Dec. 5.
- Rich, Donald U., Teaneck, N. J., assignor to American Car and Foundry Company, New York, N. Y. Guide frame for shaker chutes. 1,937,593; Dec. 5.
- Rice, Edward W., Santa Cruz, assignor to Santa Cruz Portland Cement Company, San Francisco, Calif. Hydraulic cement. 1,907,003; May 2.
- Rice, Elmer V., Covina, Calif. Spiked sandal. 1,902,521; Mar. 21.
- Rice, Francis O., Baltimore, Md., assignor to Rohm & Haas Company, Philadelphia, Pa. Acetylation process. 1,898,687; Feb. 21.
- Rice, George H., Jr. (See Brinkmann, A. H., and Rice.)
- Rice, Harold D., Bristol, R. I., assignor, by mesne assignments, to New York Belting & Packing Company, New York, N. Y. Channel felt and its process of manufacture. 1,908,643; May 9.
- Rice, Harold D., assignor to National India Rubber Company, Bristol, R. I. Rubber insulated electrical conductor. 1,936,994; Nov. 28.
- Rice, Harold D., assignor to National India Rubber Company, Bristol, R. I. High voltage conductor. 1,940,511; Dec. 19.
- Rice, Harold G., assignor to Indestro Mfg. Co., Chicago, Ill. Bottle capper. 1,904,328; Apr. 18.
- Rice, Harold G., assignor to Indestro Manufacturing Corp., Chicago, Ill. Socket wrench set and holder therefor. 1,912,725; June 6.
- Rice, Isaac L., Jr., et al. (See Carpenter, Thomas E., assignor.)
- Rice, John S. (See Trew, James W., assignor.)
- Rice, Joseph, assignor of one-half to Elevator Mfg. Company of America, Chicago, Ill. Movable platform construction. 1,918,427; July 18.
- Rice, Louis W., New York, N. Y., assignor to Bernard Rice's Sons Incorporated. Cocktail shaker or the like. Des. 89,653; Apr. 18.
- Rice, Merritt H., assignor of one-half to G. R. and B. E. S. Langtree, Pasadena, Calif. Elevator and lateral shift appliance for motor vehicles. 1,895,134; Jan. 24.
- Rice, Owen R. (See Whitcomb, A. J., Rice, and Callow.)
- Rice, Philip E. (See Holmberg, A. W., and Rice.)
- Rice, Richard L., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Stran serving device. 1,914,164; June 13.
- Rice, Roy E., Columbus, Ohio. Regulating system for dynamo-electric machines. 1,913,639; June 13.
- Rice, Trew & Rice Co. Inc. (See Rice, Arthur E., assignor.)
- Rice, Trew & Rice Co. Inc. (See Trew, James W., assignor.)
- Rice, Trew & Rice Co. Inc. (See Trew, J. W., and Rice, assignors.)
- Rice, William A., Jerseyville, Ill. Method and apparatus for separating seeds and the like. 1,894,058; Jan. 10.
- Rice, William H., and H. M. Lyon, Atlanta, Ga. Screened vent cap. 1,921,943; Aug. 8.

- Rice, William S., Washington, D. C., assignor to Coe Laboratories, Inc., Chicago, Ill. Bath device and method of heating and control therefor. 1,935,578; Nov. 14.
- Ricefield, Louis, Oak Park, Ill. Coupling. 1,933,072; Oct. 31.
- Rice's, Bernard, Sons Incorporated. (See Rice, Louis W., assignor.)
- Rich, Charles A., assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Stock guide means for machine tools. 1,904,329; Apr. 18.
- Rich, Charles A., assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Nut making machine. 1,906,099; Apr. 25.
- Rich, Charles A., assignor to Brown & Sharpe Mfg. Co., Providence, R. I. Guide means for feeding bars of stock to machine tools. 1,933,073; Oct. 31.
- Rich, Chester A., Cincinnati, Ohio. Ironing board structure. 1,894,423; Jan. 17.
- Rich, Chester A., Cincinnati, Ohio. Ironing stand with stabilizing means. 1,894,424; Jan. 17.
- Rich, Chester A., Cincinnati, Ohio. Ladder construction. 1,926,885; Sept. 12.
- Rich, Clarence A., Lynn, Mass. Signaling traffic by a hand device. 1,901,411; Mar. 14.
- Rich, Claude R., assignor to Teesdale Manufacturing Company, Grand Rapids, Mich. Switch. 1,914,529; June 20.
- Rich, Frederick R., et al. (See Riggs, Alger S., assignor.)
- Rich, Henry S., jr. (See Weien, Paul, assignor.)
- Rich, Isaac, Hassocks, England. Device for connecting scaffold poles and the like. 1,941,418; Dec. 26.
- Rich, Louis, New York, N. Y. Sewing machine. Re18,961; Oct. 3.
- Rich, Louis, New York, N. Y. Button sewing machine. 1,931,830; Oct. 24.
- Rich, Malcolm N., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Sorting apparatus. 1,940,882; Dec. 26.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Control device. 1,920,806; Aug. 1.
- Rich, Theodore A., East Lynn, Mass., assignor to General Electric Company. Speed and frequency indicator. 1,929,259; Oct. 3.
- Rich Tool Company. (See Charlton, George, assignor.)
- Richard, Bernhard, assignor to the Firm J. R. Geigy S. A., Basel, Switzerland. Manufacture of monoazo-dyestuffs. 1,893,244; Jan. 3.
- Richard, Bernhard, assignor to Firm J. R. Geigy S. A., Basel, Switzerland. Monoazo-dyestuffs and their production. 1,936,266; Nov. 21.
- Richard, Clement C., et al. (See Kain, Clifford H., assignor.)
- Richard, Clement C., assignor to Allied Products Corporation, Detroit, Mich. Tool retainer. 1,938,440; Dec. 5.
- Richard, Grant M. (See Briggs, O. B., and Richard.)
- Richard, Louis M., Woodbridge, Conn. Support. 1,925,500; Sept. 5.
- Richard, Otis K., et al. (See Kain, Clifford H., assignor.)
- Richard, William E., and W. A. Brackett, assignors to Sunbeam Electric Manufacturing Company, Evansville, Ind. Electrical system and apparatus. 1,908,446; May 9.
- Richards, Albert E., assignor of one-third to E. Thompson, Wawota, Saskatchewan, Canada. Poppet valve. 1,894,254; Jan. 10.
- Richards, Alfred E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for sewing bag corners. 1,916,388; July 4.
- Richards, Baron H. F., and A. H. Haroldson, Valparaiso, Ind., assignors, by mesne assignments, to Continental Diamond Fibre Company, Newark, Del. Flexible treated material and making the same. 1,897,651; Feb. 14.
- Richards, Carroll H., Stow, Mass. Change speed mechanism. Re18,842; May 30.
- Richards, Curtis H., San Francisco, Calif. Convertible sled and wheeled coaster. 1,903,596; Apr. 11.
- Richards, Donald, et al. (See Brooks, J. H., and Goldstone, assignors.)
- Richards, Donald L., Portland, Oreg. Lawn aerator. 1,898,214; Feb. 21.
- Richards, Edgar W., Jackson Heights, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,154; Jan. 31.
- Richards, Evan H. (See Richards, Laurence S. and E. M.)
- Richards, Forest A., Eau Claire, Wis., assignor to Air Cushion Development Horse Collar Company, Omaha, Nebr. Horse collar. 1,906,717; May 2.
- Richards, George T., Seattle, Wash. Concrete ventilating block. 1,914,294; June 13.
- Richards, Hedley J., and W. E. Hinton, assignors to Lasalco, Inc., St. Louis, Mo. Electroplating apparatus. 1,913,956; June 13.
- Richards, Helen L., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. Des. 90,566; Oct. 31.
- Richards, Henry I., Cambridge, Mass. Self-feeding pencil. 1,924,256; Aug. 29.
- Richards, John W., Essexville, assignor of one-half to N. R. Macklem, Bay City, Mich. Hydrant wrench. 1,907,584; May 9.
- Richards, Joshua M., Brookline, Mass. Skylight construction. 1,913,957; June 13.
- Richards, Laurence S., London, and E. M. Richards, Birmingham, assignors to Cremac Marketing Company, Limited, London, England. Apparatus for emulsification. 1,898,894; Feb. 21.
- Richards, Leslie W., and E. Tarry, St. Louis, Mo. Lettering device. 1,931,358; Oct. 17.
- Richards, Oscar W., New Haven, Conn., and P. M. Roope, Worcester, Mass. Geometrical instrument. 1,907,873; May 9.
- Richards, Ralph N., assignor to Ottawa River Paper Company, Toledo, Ohio. Combination shipping case and display stand. 1,896,721; Feb. 7.
- Richards, Ralph N., assignor to Ottawa River Paper Company, Toledo, Ohio. Display stand attachment. 1,926,793; Sept. 12.
- Richards, Simon, Youngstown, Ohio. Electrical connector. 1,935,061; Nov. 14.
- Richards, Thomas E., Auckland, New Zealand. Making a printing plate. 1,892,682; Jan. 3.
- Richards, Thomas E., Auckland, New Zealand. Printing plate. 1,938,667; Dec. 12.
- Richards-Wilcox Manufacturing Company. (See Hoffman, Peter L., assignor.)
- Richards-Wilcox Manufacturing Company. (See Tamsitt, Joseph C., assignor.)
- Richards, Willard F., Depew, N. Y. Pulley and mounting therefor. 1,904,535; Apr. 18.
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 1,897,278; Feb. 14.
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 1,897,279; Feb. 14.
- Richards, Willard F., Depew, assignor to The Gould Coupler Company, New York, N. Y. Coupler. 1,919,305; July 25.
- Richards, Willard F., Depew, assignor to The Symington Company, New York, N. Y. Hand brake. 1,926,175; Sept. 12.
- Richards, William H. (See Stevens, A. W., and Richards.)
- Richardson, Allan S., Butte, Mont. Water cooling apparatus. 1,896,202; Feb. 7.
- Richardson, Andrew J., Lubbock, Tex. Valve stemless inner tube, self-sealing section and the like. 1,930,182; Oct. 10.
- Richardson, Arthur J., Catonsville, assignor of one-half to William J. Borchers, Baltimore, Md. Ventilator. 1,897,440; Feb. 14.
- Richardson, Arthur W., Shell Haven, Thames Haven, assignor to Shell-Mex, Limited, London, England. Burner. 1,900,998; Mar. 14.
- Richardson, Avery, Tacoma, Wash. Trolling attachment for outboard motors. 1,908,865; May 16.
- Richardson Ball Bearing Skate Company. (See Whitcomb, Henry F., jr., assignor.)
- Richardson, Bayard E., Grand Rapids, Mich. Wood and metal furniture construction. 1,933,074; Oct. 31.
- Richardson, Bayard E., Grand Rapids, Mich. Disappearing typewriter carrier. 1,933,933; Nov. 7.
- Richardson, Bayard E., Grand Rapids, Mich. Knockdown drawer. 1,936,733; Nov. 28.
- Richardson & Boynton Company. (See Richardson, D. R., and Lynd, assignors.)
- Richardson, Carlos, and J. A. Richardson, Montevideo, Uruguay. Electric machine for recording stenographically the spoken word. 1,923,505; Aug. 22.
- Richardson, Charles D. (See Mottweiler, O. F., and Richardson.)
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Mechanism for unwinding and delivering continuous strips. 1,918,984; July 18.
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Selective seam detector. 1,920,916; Aug. 1.
- Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. List saving cloth rest. 1,927,417; Sept. 19.
- Richardson, Charles J., Egg Harbor City, N. J., assignor to Bloch Go-Cart Company, Baby carriage. 1,930,660; Oct. 17.
- Richardson, Chester N. (See Taylor, M. C., and Richardson.)
- Richardson, Clarence, Salem, N. H. Feeler mechanism for looms. 1,932,047; Oct. 24.
- Richardson Company, The. (See Cain, John R., assignor.)
- Richardson Company, The. (See Cain, J. R., and Yates.)
- Richardson Company, The. (See Fisher, Harry C., assignor.)
- Richardson Company, The. (See Fisher, H. C., and Fiedler, assignors.)
- Richardson Company, The. (See Fisher, H. C., and Keller, assignors.)
- Richardson Company. (See Keller, Charles L., assignor.)
- Richardson Company, The. (See McKay, H. J., and Carlsen, assignors.)
- Richardson Company, The. (See Reilly, John H., assignor.)
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson Company, The. (See Stevenson, Earl P., assignor.)
- Richardson Company, The. (See Tietz, Paul C., assignor.)
- Richardson Company, The. (See Worthington, Everett, assignor.)

- Richardson, David R., New York, N. Y., and A. R. Lynd, Dover, N. J., assignors to Richardson & Boynton Company, New York, N. Y. Warm air heater. 1,894,122; Jan. 10.
- Richardson, E. L., et al. (See Ferlin, John J., assignor.)
- Richardson, Edgar C., Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for festooning cloth. 1,919,747; July 25.
- Richardson, Francis J., New Orleans, La. Rolling metal awning. 1,917,811; July 11.
- Richardson, Frank E., assignor to Great Lakes Pipe Line Company, Kansas City, Mo. Thawing device. 1,927,848; Sept. 26.
- Richardson, Frederick G., and F. L. McLaughlin, assignors to F. L. McLaughlin Company, Detroit, Mich. Clinch-on nut. 1,931,011; Oct. 17.
- Richardson, Frederick S., Minneapolis, Minn. Catamenial plug. 1,932,383; Oct. 24.
- Richardson, Harry H., St. John, New Brunswick, Canada. Shaving brush handle. 1,932,603; Oct. 31.
- Richardson, Henry, Chicago, Ill. Corner lock for wooden bedsteads. 1,898,392; Feb. 21.
- Richardson, Henry F., Northport, N. Y. Signal-operating means for elevators. 1,926,176; Sept. 12.
- Richardson, Henry K., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Apparatus for making glass tubing. 1,933,341; Oct. 31.
- Richardson, Henry M., Marblehead, Mass., assignor to General Electric Company. Rayon spinning bucket drive. 1,917,158; July 4.
- Richardson, Henry M., Lynn, and C. W. Mansur, Malden, Mass., assignors to General Electric Company. Clutch plate and manufacturing the same. 1,928,463; Sept. 26.
- Richardson, James H., Indianapolis, Ind. Rolling turner. 1,906,100; Apr. 25.
- Richardson, James H., Osseo, Minn. Auxiliary melting pot for inotype machines. 1,930,727; Oct. 17.
- Richardson, James M., Washington, D. C. Storage battery clip. 1,938,261; Dec. 5.
- Richardson, James R., Houston, assignor to Abilene Cotton Oil Company, Abilene, Tex. Process and apparatus for treating cotton seeds and other grain. 1,920,107; July 25.
- Richardson, John W. (See Lewis, A. J., Richardson, and Spill.)
- Richardson, John W. (See Lewis, A. J., Richardson, Spill, and Haven.)
- Richardson, Joseph L., Nashville, Ark. Automobile bed. 1,905,605; Apr. 25.
- Richardson, Joseph P., Catlettsburg, Ky. Animal trap. 1,927,470; Sept. 19.
- Richardson, Juan A. (See Richardson, Carlos, and J. A.)
- Richardson, Led L., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 1,922,329; Aug. 15.
- Richardson, Led L., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Lubricator for percussive tools. 1,923,797; Aug. 22.
- Richardson, Leon W., and A. D. Wassall, assignors to Sweeper-Vac Company, Worcester, Mass. Vacuum cleaner brush guard and adjusting roll assembly. 1,903,793; Apr. 18.
- Richardson, Leon W., and A. D. Wassall, assignors to Sweeper-Vac Company, Worcester, Mass. Brush shaft holding and driving means for vacuum cleaners. 1,903,794; Apr. 18.
- Richardson, Mack, Homestead, Pa. Sleeping compartment for automobiles. 1,921,325; Aug. 8.
- Richardson, Martin A. (See MacGregor, Wallace F., and Richardson.)
- Richardson, Marvin D. (See Petersen, O. B., and Richardson.)
- Richardson, Maurice F., Berwyn, Pa. Valve. 1,900,736; Mar. 7.
- Richardson, Max C. (See Carter, H. C., and Richardson.)
- Richardson, Myron H., assignor to Advance Machine Company, Chicago, Ill. Vending machine. 1,916,530; July 4.
- Richardson, Myron H., assignor to Advance Machine Company, Chicago, Ill. Vending machine. 1,923,396; Aug. 22.
- Richardson, Myron H., assignor to Advance Machine Company, Chicago, Ill. Vending machine. 1,925,676; Sept. 5.
- Richardson, Myron H., assignor to Advance Machine Company, Chicago, Ill. Vending machine. 1,927,502; Sept. 19.
- Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,903,067; Mar. 28.
- Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,912,160; May 30.
- Richardson, Myron H., Chicago, and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,912,999; June 6.
- Richardson, Myron H., Chicago and A. E. Gebert, Wilmette, assignors to Advance Machine Company, Chicago, Ill. Vending machine. 1,925,677; Sept. 5.
- Richardson, Ralph R., assignor to Chicago Carton Company, Chicago, Ill. Foldable paper carton. 1,899,772; Feb. 28.
- Richardson, Ralph S., Teaneck, N. J., assignor to Chemical Engineering Corporation, New York, N. Y. Synthetic production of ammonia from a gaseous mixture of nitrogen and hydrogen in their combining proportions. 1,909,378; May 16.
- Richardson, Ralph S., Teaneck, N. J., assignor to Chemical Engineering Corporation, New York, N. Y. Effecting catalytic exothermic gaseous reactions. 1,910,365; May 23.
- Richardson, Ralph S., Teaneck, N. J., assignor to Nitrogen Engineering Corporation, New York, N. Y. Synthetic production of methanol. 1,921,776; Aug. 8.
- Richardson, Rodney G. (See Wicks, J., Richardson, and Bellamy.)
- Richardson, Rodney G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,898,063; Feb. 21.
- Richardson, Rodney G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,903,837; Apr. 18.
- Richardson, Rodney G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Relay system. 1,904,929; Apr. 18.
- Richardson, Rodney G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Vacuum tube. 1,932,637; Oct. 31.
- Richardson, Rodney G., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone trunking system. 1,934,737; Nov. 14.
- Richardson, Rodney G., Chicago, and J. I. Bellamy, Brookfield, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,914,384; June 20.
- Richardson, Roger E., Buffalo, assignor to Somet-Solvay Company, New York, N. Y. Operating coke ovens. 1,935,298; Nov. 14.
- Richardson Scale Company. (See Murray, S. G., and De Lotto, assignors.)
- Richardson Taylor-Globe Corporation, The. (See Marx, Frank A., assignor.)
- Richardson Taylor-Globe Corporation, The. (See Taylor, Robert A., assignor.)
- Richardson, William, Flushing, N. Y. Head band. 1,897,146; Feb. 14.
- Richardson, William D., assignor to Swift & Company, Chicago, Ill. Treatment of gelatin stock. 1,911,205; May 30.
- Richardson, William F. (See Williams, N. E., Garrigues, and Richardson.)
- Richens, John M., Jacksonville, Fla. Corner fastener. 1,920,276; Aug. 1.
- Richer, Joseph R., Oak Park, Ill., assignor to Jens P. Nielsen, Package holder. 1,897,334; Feb. 14.
- Richey, Charles V., Jamaica, N. Y., assignor to American Telephone and Telegraph Company. Time control system for telephones. 1,897,533; Feb. 14.
- Richfield Oil Company. (See Mason, L. R., and Griffith, assignors.)
- Richfield Oil Company of California. (See Holzapfel, George L., assignor.)
- Richfield Oil Company of California. (See Pulliam, Ira L., assignor.)
- Richman, Charles, Philadelphia, Pa. Collocating lamp shades. 1,937,915; Dec. 5.
- Richmond Cedar Works. (See Mueller, Paul F., assignor.)
- Richmond-Chase Company. (See Johnson, Will R., assignor.)
- Richmond, John E., Rochester, N. Y. Lamp shade and supporting the same. 1,917,544; July 11.
- Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)
- Richmond, William E. (See Woodward, A. H., and Richmond.)
- Richmond, William F., Chicago, Ill. Swimming appliance. 1,908,184; May 9.
- Richter, Alwin, Leipzig, Germany. Spray-producer. 1,911,970; May 30.
- Richter, Charles J., Berwyn, Ill., assignor to Goss Printing Press Company. Web controlling mechanism. 1,896,801; Feb. 7.
- Richter, Charles J., Berwyn, Ill., assignor to Goss Printing Press Company. Web controlling mechanism. 1,896,802; Feb. 7.
- Richter, Charles J., Berwyn, Ill., assignor to Goss Printing Press Company. Web supplying and controlling mechanism. 1,904,536; Apr. 18.
- Richter, Charles J., Berwyn, Ill., assignor to Goss Printing Press Company. Web supplying and controlling mechanism. 1,936,916; Nov. 28.
- Richter, Charles J. and J. F., Long Island City, assignors to Charles W. Richter & Sons, New York, N. Y. Fire-place. 1,933,451; Oct. 31.
- Richter, Charles M. (See Pacini, August J., assignor.)
- Richter, Charles W., Chicago, Ill. Valve locking device. 1,910,499; May 23.
- Richter, Charles W. & Sons. (See Richter, Charles J. and J. F., assignors.)
- Richter, Elmer F., Park Ridge, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,900,302; Mar. 7.
- Richter, Elmer F., Park Ridge, Ill., assignor to Addressograph Company, Wilmington, Del. Printing device. 1,900,303; Mar. 7.

- Richter, Emil, assignor to Schletter & Zander, Inc., Philadelphia, Pa. Full-fashioned knitting machine. 1,920,435; Aug. 1.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping and refining process. 1,899,637; Feb. 28.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cyclic process for the production of sulphite pulp. 1,904,170; Apr. 18.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of high alpha cellulose fiber for conversion into cellulose derivatives. 1,906,885; May 2.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Recovering and utilizing the valuable compounds in spent cooking liquors. 1,906,886; May 2.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical modification of cellulose fiber. 1,907,201; May 2.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cellulose composition. 1,910,406; May 23.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 1,915,953; June 27.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Combined acid and alkali process of fiber liberation. 1,917,545; July 11.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 1,921,539; Aug. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Manufacture of glassine papers. 1,921,540; Aug. 8.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Low viscosity cellulose fiber and producing the same. 1,923,641; Aug. 22.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Refinement of cellulose fiber. 1,924,623; Aug. 29.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Artificial leather manufacture. 1,926,599; Sept. 12.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of cellulose xanthate from sheeted cellulose fiber. 1,932,751; Oct. 31.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cellulose fiber of low solution viscosity and producing the same. 1,935,129; Nov. 14.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Two-step chemical process of fiber liberation. 1,935,579; Nov. 14.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Processing of cellulose fiber. 1,935,580; Nov. 14.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 1,935,728; Nov. 21.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Cellulose ester manufacture and composition therefor. 1,938,299; Dec. 5.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Ripening of viscose sirup. 1,938,722; Dec. 12.
- Richter, George A., assignor to Brown Company, Berlin, N. H. Reducing the solution viscosity of cellulose fiber. 1,941,154; Dec. 26.
- Richter, George A., and E. Ebie, assignors to Brown Company, Berlin, N. H. Method of and apparatus for treating pulp. 1,899,106; Feb. 28.
- Richter, George A., W. B. Van Arsdell, and R. B. Hill, assignors to Brown Company, Berlin, N. H. Manufacture of rubber-impregnated products. 1,900,951; Mar. 14.
- Richter, George A., W. B. Van Arsdell, and R. B. Hill, assignors to Brown Company, Berlin, N. H. Manufacture of artificial leather. 1,905,749; Apr. 25.
- Richter, George A., and P. C. Scherer, Jr., assignors to Brown Company, Berlin, N. H. Processing of viscose rayon. 1,915,072; June 20.
- Richter, George A., and C. H. Goldsmith, assignors to Brown Company, Berlin, N. H. Finishing of viscose-rayon. 1,915,952; June 27.
- Richter, Gustav F., Brooklyn, N. Y. Surgical instrument. 1,934,818; Nov. 14.
- Richter, Hans R. (See Geffken, H. H., and Richter.)
- Richter, Hartmut W., Elizabeth, N. J. Making titanium dioxide. 1,932,037; Oct. 24.
- Richter, Henry G., Westfield, N. J. Electrical terminal. 1,935,818; Nov. 21.
- Richter, Jacob F. (See Richter, Charles J. and J. F.)
- Richter, John, assignor of one-half to Pine Richter, Bellaire, and Grette Tyrrell, Hollis, Long Island, N. Y. Combination comb and cleaner. 1,909,897; May 16.
- Richter, Maurice N., and F. Lowitz, New York, N. Y. Calendar mechanism. 1,903,430; Apr. 11.
- Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Frictional connecting means for straight knitting machines. 1,941,419; Dec. 26.
- Richter, Morten B., Copenhagen, Denmark. Stepwise advancing counter. 1,940,230; Dec. 19.
- Richter, Oskar, Kiel-Neumuhlen, Germany, assignor to Nederlandsche Technische Handel Maatschappij, "Giro", in Den Haag. Gyro-pendulum. 1,906,719; May 2.
- Richter, Oskar, Kiel-Neumuhlen, Germany. Track measuring device for railroad vehicles. 1,930,395; Oct. 10.
- Richter, Otto, Gary, Ind. Aircraft. 1,924,651; Aug. 29.
- Richter, Otto, and B. Carmiggelt, New York, N. Y. Electrical cable connector. 1,930,772; Oct. 17.
- Richter, Paul, Freital, Germany. Ramming machine for preparation of solid and hollow bodies from ceramic, concrete, and like material. 1,915,475; June 27.
- Richter, Pine, et al. (See Richter, John, assignor.)
- Richter, Richard, Oelsnitz/Ezgb, Germany. Show case. 1,910,773; May 23.
- Richter, Robert, assignor to the Firm of Carl Zeiss, Jena, Germany. Half shade polarizer. 1,936,953; Nov. 28.
- Richter, Rudolf, Durlach, Germany, assignor to Radio Patents Corporation, New York, N. Y. Alternating current motor. 1,895,007; Jan. 24.
- Richter, Rudolf H. (See Geffken, R. H. H., and Richter.)
- Richter, Thomas H. and W. E., Los Angeles, Calif. Rotary internal combustion engine. 1,936,211; Nov. 21.
- Richter, Walter E. (See Richter, T. H. and W. E.)
- Richter, William and P. Fray, Tampa, Fla. Fire extinguisher. 1,894,325; Jan. 17.
- Richter, William A., New York, N. Y. Lock. 1,901,412; Mar. 14.
- Richter, William F., assignor to Chemical Holding Corporation, Apollo, Pa. Manufacture of lusterless rayon. 1,899,725; Feb. 28.
- Richter, William F., Apollo, and H. E. McCrery, Pittsburgh, assignors to Chemical Holding Corporation, Apollo, Pa. Treating rayon. 1,907,667; May 9.
- Richter, Frank H., assignor to Cheatham Electric Switching Device Company, Louisville, Ky. Automatic electric switch control. 1,902,263; Mar. 21.
- Richter, Frank H., assignor to Nachod & United States Signal Co., Inc., Louisville, Ky. Traffic signal control system. 1,909,316; May 16.
- Richter, Frank H., assignor to Nachod & United States Signal Co., Inc., Louisville, Ky. Periodic control of traffic signals. 1,911,039; May 23.
- Richter, Frank H., Louisville, Ky. and R. S. Bowen, West Newton, Mass., assignors to Nachod & United States Signal Co., Inc., Louisville, Ky. Electric signal control system. 1,915,696; June 27.
- Rickabaugh, David M., Altoona, Pa. Chimney cleaning device. 1,926,753; Sept. 12.
- Ricker, Frank G. (See Thomas, J. F., and Ricker.)
- Ricker, Norman H., Houston, Tex. Electrical prospecting. 1,934,447; Nov. 7.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Swab plunger. 1,905,058; Apr. 25.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Bottom hole inlet for plunger lift devices. 1,909,119; May 16.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Pneumatic lift plunger. 1,919,529; July 25.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Pneumatic swab plunger. 1,922,396; Aug. 15.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Declinometer for drill stems. 1,932,479; Oct. 31.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Gas control for plunger lift devices. 1,932,480; Oct. 31.
- Ricker, Norman H., assignor to Hughes Tool Company, Houston, Tex. Temperature control attachment for plunger lift devices. 1,932,481; Oct. 31.
- Ricker, Norman H., and H. W. Fletcher, assignors to Hughes Tool Company, Houston, Tex. Coupling for double pipe sections. 1,909,075; May 16.
- Rickers, Frank W., assignor to The F. & M. Schaefer Brewing Co., Brooklyn, N. Y. Bottle handling apparatus. 1,898,393; Feb. 21.
- Rickert-Shafer Company. (See Shafer, George E., assignor.)
- Rickey, Walter J., Helensburgh, and W. Tivendale, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Needle straightening machine and method. 1,906,101; Apr. 25.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 1,912,499; June 6.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Channel cementing machine. 1,922,140; Aug. 15.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,923,586; Aug. 22.
- Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Bag corner stitching machine. 1,936,460; Nov. 21.
- Ricks, Fred, and E. F. Towndrow, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Device for applying abrasive tool covers. 1,917,329; July 11.
- Ricks, Hyrum, Jr., assignor to Atlas Scraper Company, Bell, Calif. Leveling device. 1,897,498; Feb. 14.
- Ricks, Hyrum, Jr., Bell, Calif., assignor, by mesne assignments, to Lathrop Investment Corporation. Rotary scraper having power control. 1,907,157; May 2.
- Ricordel, Auguste L. (See Le Prieur, Y. P. G., and Ricordel.)
- Ricordel, Auguste L., assignor to Precision Moderne, Paris, France. Filing device for demountable machine-guns. 1,900,999; Mar. 14.
- Riddell, Sherrod, assignor of one-half to P. E. Spaulding, Springfield, Ill. Safety hand starter for gas engines. 1,910,999; May 23.
- Riddell, Fred P., Superior, Wis. Fruit corer. 1,906,419; May 2.
- Riddell, George A., Sheboygan, Wis. Collapsible terrace chair. 1,904,388; Apr. 18.

- Riddell, Sidney J., Rochester, N. Y. Automatic station selector. 1,910,057; May 23.
- Riddell, W. A., Company. (See Jersey, Neil E., assignor.)
- Riddell, W. A., Company. (See Shaeffer, George D., assignor.)
- Riddell, W. A., Company. (See Stuckey, Robert B., assignor.)
- Riddell, William A. (See Stuber, A., and Riddell.)
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter control. 1,917,330; July 11.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 1,921,541; Aug. 8.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 1,925,567; Sept. 5.
- Ridder, John H., Camp Point, Ill. Locking device for pump shafts and the like. 1,934,327; Nov. 7.
- Ridderstrom, Andrew R. (See Byron, J. P., and Ridderstrom.)
- Ridderstrom, Andrew R., Nahant, assignor to Rotary Machine Company, Lynn, Mass. Folding machine. 1,925,205; Sept. 5.
- Riddle, George W., et al. (See Tedford, Julian P., assignor.)
- Riddle, Griffith H., Boston, assignor to said Riddle; G. A. Ballard, West Newton, and W. S. Morrell, Boston, Mass., trustees. Container lid. Des. 89,852; May 9.
- Rideous, John G., Toledo, Ohio. Atomizer. Des. 90,733; Sept. 19.
- Rideout, John G. (See van Doren, H. L., and Rideout.)
- Rideout, Theodore R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gear wheel lapping tool. 1,924,380; Aug. 29.
- Rider, Ernest G., assignor to Stokes & Smith Company, Philadelphia, Pa. Box machine. 1,907,004; May 2.
- Rider, Ernest G., assignor to Stokes and Smith Company, Philadelphia, Pa. Method of and apparatus for applying adhesive. 1,932,989; Oct. 31.
- Rider, Ernest G., assignor to Stokes & Smith Company, Philadelphia, Pa. Box-wrapping apparatus. 1,933,566; Nov. 7.
- Rider, Ernest G., and W. T. Bailey, assignors to Stokes and Smith Company, Philadelphia, Pa. Method of and apparatus for making boxes. 1,916,440; July 4.
- Rider, Harry N., Youngstown, assignor to "Automatic" Sprinkler Company of America, Cleveland, Ohio. Fluid distributing device. 1,893,210; Jan. 3.
- Rider, Phineas L. (See Wideman, L., Anderson, and Rider.)
- Rider, Rowland W., assignor to Utah Royalty Corporation, Salt Lake City, Utah. Converting motion and the like. 1,924,516; Aug. 29.
- Ridge, Hayes E., Cedar Rapids, Iowa. Vehicle bumper. 1,925,461; Sept. 5.
- Ridge Tool Company, The. (See Thewes, William O., assignor.)
- Ridge, William F., Akron, Ohio. Insulator for spark plugs. 1,898,064; Feb. 21.
- Ridgely Trimmer Company, The. (See Demint, James H., assignor.)
- Ridgers, Frederick G., assignor to N. Slater Company Limited, Hamilton, Ontario, Canada. Cable clip. 1,921,777; Aug. 8.
- Ridges, Robert P., Elgin, Ill. Vanity case. Des. 90,142; June 13.
- Ridges, Robert P., assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case or similar article. Des. 90,957; Oct. 31.
- Ridgill, Ernest, Dronfield, Sheffield, England. Jigger conveyor. 1,909,317; May 16.
- Ridgley, William W., Syracuse, N. Y. Air feeding system for coal burners. 1,913,083; June 6.
- Ridgway, Herbert, Brooklyn, N. Y. Metallic house framing. 1,893,636; Jan. 10.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Method of and apparatus for electrically fusing nonconducting materials. 1,893,106; Jan. 3.
- Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Boron carbide and making the same. 1,897,214; Feb. 14.
- Ridings, Robert F., et al. (See Briggs, Alva S., assignor.)
- Ridley, Alfred E., Llanelly, England. Apparatus for the removal and recovery of oils and grease from oil laden water and the like. 1,922,714; Aug. 15.
- Ridley, Grahame B. (See Scherer, P. A., and Ridley.)
- Riebeck'sche, A., Montanwerke Aktiengesellschaft. (See Roeckner, E., and Zschoch, assignors.)
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Air-porous paper and making same. Re18,797; Apr. 18.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,895,585; Jan. 31.
- Riebel, Frederick, jr., assignor to Air-Way Electrical Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,899,107; Feb. 28.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,899,108; Feb. 28.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,899,423; Feb. 28.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,900,465; Mar. 7.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,907,334; May 2.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Filtering element. 1,907,335; May 2.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Renewable wax cartridge for wax applicators. 1,921,944; Aug. 8.
- Riebel, Frederick, jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction nozzle for vacuum cleaners. 1,936,367; Nov. 21.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Bag coupling. Re18,962; Oct. 3.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Bag coupling. 1,900,366; Mar. 7.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Floor polisher. 1,901,670; Mar. 14.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Electric switch. 1,901,671; Mar. 14.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 1,905,059; Apr. 25.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner handle attaching means. 1,936,366; Nov. 21.
- Riebel, Frederick, jr., D. M. Dow, and L. M. Henson, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Waxer. 1,936,368; Nov. 21.
- Riebel, Frederick, jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner floor tool. 1,936,369; Nov. 21.
- Rieber, Frank, San Francisco, Calif. System for receiving and recording vibrations. 1,902,183; Mar. 21.
- Rieber, Frank, San Francisco, Calif. Vibration sensitive system. 1,902,184; Mar. 21.
- Rieber, Frank, assignor to Sound Laboratory Corporation, Ltd., San Francisco, Calif. Directive sound pick-up. 1,911,772; May 30.
- Rieber, Frank, Berkeley, Calif. Translating device. 1,919,480; July 25.
- Rieber, Frank, Berkeley, assignor to Frank Rieber, Inc., San Francisco, Calif. Electrical prospecting system. 1,902,265; Mar. 21.
- Rieber, Frank, Berkeley, Calif. assignor, by mesne assignments, to Sound Laboratory Corporation, Ltd. System for recording impulses. 1,926,406; Sept. 12.
- Rieber, Frank, Inc. (See Rieber, Frank, assignor.)
- Rieck, Anthony A., Milwaukee, Wis., assignor of one-third to Irwin W. Cox, Denver, Colo. Memorial marker. 1,919,530; July 25.
- Riedel, Franz, Long Island City, N. Y. Circuit maker. 1,922,260; Aug. 15.
- Riedel, Joseph, J. Domagall, and H. Maze, assignors to W. H. Maze Company, Peru, Ill. Corrugated metal fastener. 1,897,335; Feb. 14.
- Riedel, Walter H. (See Davis, Benjamin F., assignor.)
- Riedel, Walter H. (See Davis, B. F., and Riedel, assignors.)
- Riedel, Walter W., assignor to Delco-Remy Corporation, Dayton, Ohio. Sound signal. 1,898,394; Feb. 21.
- Riedel, Walter W., Dayton, Ohio, assignor to Delco-Remy Corporation, Anderson, Ind. Automobile lighting system. 1,911,971; May 30.
- Riedel, Walter W., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,928,231; Sept. 26.
- Rieff, John G., London, Wis. Trimming implement. 1,913,958; June 13.
- Rieffannacht, Maud L., New York, N. Y. Lady's garment. 1,937,591; Dec. 5.
- Riegel Paper Corporation. (See Bidwell, George L., assignor.)
- Riegel Paper Corporation. (See French, George F., assignor.)
- Rieger, Jack, et al. (See Thompson, Roy G., assignor.)
- Rieger, Oscar. (See Holland, Sidney S., assignor.)
- Riehl, Nikolaus. (See Wolf, M., and Riehl.)
- Riehm, Christian C., Methuen, Mass. Apparatus for adjusting heater engine rolls. 1,923,230; Aug. 22.
- Riehm, Wilhelm, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Internal combustion engine. 1,940,700; Dec. 26.
- Riek, Forest O., et al. (See Roberts, George E., assignor.)
- Riek, Forest O., Rhinelander, Wis. Defrosting attachment for mechanical refrigerators. 1,899,724; Feb. 28.
- Riek, Rudolph A., et al. (See Roberts, George E., assignor.)
- Rieke, Irvin H., Auburn, Ind., assignor to Rieke Metal Products Corporation. Bung fixture for containers and seal therefor. 1,923,026; Aug. 15.
- Rieke Metal Products Corporation. (See Rieke, Irvin H., assignor.)

- Rieke Metal Products Corporation. (See Rieke, Theodore W., assignor.)
- Rieke, Theodore W., Auburn, Ind., assignor to Rieke Metal Products Corporation. Bung seal for barrels. 1,915,254; June 20.
- Rielly, Joseph A. (See Manny, R. A., and Rielly.)
- Riemenschneider, Edmund W. (See Frahm, C. A., and Riemenschneider.)
- Riemenschneider, Edmund W., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Metal pole with reinforcing pipes. 1,903,907; Apr. 18.
- Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Forming flanged articles. 1,928,910; Oct. 3.
- Riemenschneider, Ernest, and G. C. R. Kuiper, assignors to The Midland Steel Products Company, Cleveland, Ohio. Making wheel hubs. 1,928,911; Oct. 3.
- Riemer, Frank, and G. T. Dobie, assignors, by mesne assignments, to Burton-Dixie Corporation, Chicago, Ill. Bed spring and mattress construction. 1,926,650; Sept. 12.
- Rienks, George W., Denver, Colo. Screening device. 1,899,292; Feb. 28.
- Riepert, Hermann, assignor to the Firm Ernst Leitz, Optische Werke, Wetzlar, Germany. Thermomicroscopic arrangement. 1,937,206; Nov. 28.
- Ries, Earle R., Chicago, Ill. Stool. 1,897,676; Feb. 14.
- Rieschick, Reinhold, New York, N. Y. Piano-acordion. 1,899,357; Feb. 28.
- Rieschick, Reinhold, New York, N. Y. All metal key for piano-accordions. 1,904,768; Apr. 18.
- Riesenfeld, Franz. (See Osterseitzer, A., and Riesenfeld.)
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Battery box mold. 1,896,372; Feb. 7.
- Rieske, Alfred G. (See Rieske, Otto G. and A. G.)
- Rieske, Otto G., Buffalo, and A. G. Rieske, Kenmore, N. Y. Skinning machine. 1,936,688; Nov. 28.
- Riesner, Michael, Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Unloading mechanism for rotary compressors. 1,922,639; Aug. 15.
- Riess Efficiency Tool Company. (See Riess, F., and Sloan, assignors.)
- Riess, Frank, and J. F. Sloan, Kokomo, Ind., assignors to Riess Efficiency Tool Company, Sturgis, Mich. Limited torque applicator. 1,912,011; May 30.
- Riess, Hermann, Berlin-Schöneberg, Germany. Pressure fluid generator. 1,894,922; Jan. 17.
- Riess Manufacturing Company. (See Phelps, Clyde H., assignor.)
- Riesz, Robert R., New York, and G. W. Burchett, Peekskill, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial larynx. 1,910,966; May 23.
- Rietsch, Eberhard. (See Otto, J., and Rietsch.)
- Rietsch, Eberhard, Berlin-Hennigsdorf, Germany, assignor to General Electric Company. Electric-resistance welding machine. 1,929,260; Oct. 3.
- Rietz, Erich, and W. Hoffman, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation product from aliphatic aldehydes and bases of the naphthalene series. 1,900,365; Mar. 7.
- Rife, William H., Chicago, Ill., assignor to Columbia Envelope Company. Apparatus for and method of making envelopes. 1,930,120; Oct. 31.
- Rife, William H., Chicago, Ill., assignor to Columbia Envelope Company. Apparatus for making lined envelopes. 1,933,121; Oct. 31.
- Riffe, Raymond F., Greensburg, Pa. Adjustable door catch. 1,900,077; Mar. 7.
- Rigante, Giuseppe, Westerleigh, Staten Island, N. Y. Garment supporter. 1,909,120; May 16.
- Rigante, Giuseppe, Westerleigh, N. Y. Shoe heel. 1,934,092; Nov. 7.
- Rigante, Giuseppe, Westerleigh, Staten Island, N. Y. Resilient tread for shoe bottoms. 1,939,920; Dec. 19.
- Rigert, Victor. (See Short, J., and Rigert.)
- Riggan, Robert C., et al. (See Briggs, Alva S., assignor.)
- Riggs, Alger S., North Bergen Township, Hudson County, N. J. Radio receiving system. 1,901,121; Mar. 14.
- Riggs, Alger S., assignor to W. L. Pratt, New York, F. W. McDonell, Rye, and F. R. Rich, New York, N. Y. Selective amplifier. 1,893,563; Jan. 10.
- Riggs, Frederick S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Apparatus for mounting a rim upon a wheel. 1,923,747; Aug. 22.
- Riggs, Henry H., Beirut, Lebanon, Syria. Clock movement. 1,926,456; Sept. 12.
- Righetti, Homer, assignor of one-third to W. McMillan, and one-third to C. Rosenthal, San Francisco, Calif. Checking device. 1,930,490; Oct. 17.
- Righter, Charles A., Philadelphia, Pa. Protector for evergreens, hedges, and other plants. 1,933,280; Oct. 31.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Doorlatch. 1,911,648; May 30.
- Rightmyer, Holden W., assignor to American Swiss Company, Toledo, Ohio. Doorlatch spindle assembly. 1,914,704; June 20.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Doorlatch. 1,922,261; Aug. 15.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Doorlatch. 1,923,688; Aug. 22.
- Rightway Corporation, The. (See Webb, Arthur B., assignor.)
- Rigler, Richard W., Philadelphia, Pa. Centrifugal drier. 1,903,795; Apr. 18.
- Rigler, Richard W., assignor to Wall & Ochs, Incorporated, Philadelphia, Pa. Ophthalmic test frame. 1,908,053; May 9.
- Rigler, Richard W., assignor to Wall & Ochs, Incorporated, Philadelphia, Pa. Ophthalmic test frame. 1,932,482; Oct. 31.
- Rigney, William D. (See Ward, W. L., and Rigney.)
- Rigney, William D., assignor to Russell, Burdall & Ward Bolt & Nut Company, Port Chester, N. Y. Floating chuck for tapping machines. 1,904,883; Apr. 18.
- Rigo, Jorge. (See Lizaso, F., and Rigo.)
- Rigondeau, Louis G., Fontafie, near Genouillac, France. Motor driven winch. 1,908,556; May 9.
- Rihosek, Johann. (See Engels, R., and Rihosek.)
- Rike, Frederick F., assignor to Buckeye Iron and Brass Works, Dayton, Ohio. Gasoline pump and a valve therefor. 1,918,931; July 18.
- Rike, Howard A., Norphlet, Ark. Valve. 1,916,490; July 4.
- Riker, Andrew L., Jr., Fairfield, assignor to Rubber Shock Insulator Corporation, Bridgeport, Conn. Vibration insulator. 1,909,010; May 16.
- Riker, Andrew L., Fairfield, assignor to Rubber Shock Insulator Corporation, Bridgeport, Conn. Vibration insulator. 1,920,436; Aug. 1.
- Rileigh, William J., Baltimore, Md. Headlight attachment. 1,913,819; June 13.
- Riley, Allan, Fillongley, near Coventry, England. Cleaning of rooms. 1,919,132; July 18.
- Riley, Charles J., East Orange, N. J. Smoker's accessory. 1,904,084; Apr. 18.
- Riley, Clarence E., South Pasadena, Calif. Photoengraver's glass dipping rack. 1,902,335; Mar. 21.
- Riley, Henry, Kearny, N. J. Treating yeast. 1,909,011; May 16.
- Riley, Herbert E., New York, and H. J. Tannenbaum, Far Rockaway, N. Y. Fumigator. 1,908,054; May 9.
- Riley, Herbert E., New York, and H. J. Tannenbaum, Far Rockaway, N. Y. Fumigator. 1,908,055; May 9.
- Riley, John J., Altadena, assignor of one-half to W. M. Crane, Jr., Los Angeles, Calif. Spacing reinforcement for concrete structures. 1,909,121; May 16.
- Riley, Percy, Coventry, England. Suspension means for motor-vehicle engines or gear boxes. 1,918,490; July 18.
- Riley, Ray, Paterson, N. J., assignor to American Zeolite Corporation, New York, N. Y. Compound silicate gels and making the same. 1,906,181; Apr. 25.
- Riley, Reginald H. J., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial filaments, threads and the like. 1,922,715; Aug. 15.
- Riley, Ruth V., Fayetteville, Ark. Dust mop cleaning machine. 1,914,295; June 13.
- Riley Stoker Corporation. (See Armour, James W., assignor.)
- Riley Stoker Corporation. (See De Voe, William E., assignor.)
- Riley Stoker Corporation. (See Krieger, Eugene, assignor.)
- Riley Stoker Corporation. (See Kuhner, Max H., assignor.)
- Riley Stoker Corporation. (See Norton, James P., assignor.)
- Riley Stoker Corporation. (See Robertson, R. M., and Allin, assignors.)
- Riley, William A. (See Weeks, E. G., and Riley.)
- Rime, Gilbert A., Northwood, N. Dak. Wind driven electric power plant. 1,903,534; Apr. 11.
- Rimele, Eugen. (See Glietenberg, E., Noelmeier, and Rimele.)
- Rimele, Eugen. (See Neelmeier, W., Rimele, and Glietenberg.)
- Rimele, William T., West Palm Beach, Fla. Turbine water meter. 1,893,445; Jan. 3.
- Rimstad, Ib A., and J. Teilmann, Copenhagen, Denmark. Electromagnetic air or liquid pump. 1,925,934; Sept. 5.
- Rinco, A.-G. (See Kirsch, Rudolf, assignor.)
- Rinehart, Curvin L., assignor to Joan Products, Inc., Cleveland, Ohio. Service device for toothpicks and the like. 1,908,185; May 9.
- Rinehart, Vene E. (See Arnstein, W. L., and Rinehart.)
- Rinehart, William G., Batesville, Ark. Smoking tobacco pipe. 1,931,510; Oct. 24.
- Riney, Arthur H., assignor to Phillips Petroleum Company, Bartlesville, Okla. Protector for threaded pipe ends. 1,906,182; Apr. 25.
- Ring, Fred, assignor to Dictograph Products Co., Inc., New York, N. Y. Woman's undergarment. 1,900,129; Mar. 7.
- Ring, George F., et al. (See Portteus, James G., assignor.)
- Ring, Harold B., Brooklyn, N. Y. Soldering iron. 1,934,885; Nov. 14.
- Ring, Harold B., and G. E. Monrad, Brooklyn, N. Y. Soldering iron. 1,908,056; May 9.
- Ring, Harry S., Chicago, Ill. Building structure. 1,924,414; Aug. 29.

- Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine control system. 1,901,776; Mar. 14.
- Ring, Raymond M., and G. Maxon, Chicago, Ill. Card dealing device. 1,909,122; May 16.
- Ring, William A. (See Laddon, I. M., Ring, and Herman.)
- Ringel, Charles, Hawthorne, N. J., and W. K. Carter, Brooklyn, assignors to American Throttle Company, Inc., New York, N. Y. Throttle. 1,894,789; Jan. 17.
- Ringer, Ferdinand, Vienna, Austria. Ignitable stick. 1,903,838; Apr. 18.
- Ringer, Friedrich. (See Pier, M., and Ringer.)
- Ringer, Friedrich. (See Pier, M., Ringer, and Simon.)
- Ringer, Luther, Union Springs, assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironer. 1,894,242; Jan. 10.
- "Ringfeder" G. m. b. H. (See Held, Theodor, assignor.)
- Ringi, Thorvald, S., Saltsjo-Dunas, Sweden. Internal-combustion engine. 1,931,557; Oct. 24.
- Ringland, George L., Norwood, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine. 1,918,867; July 18.
- Ringler, William A., Wayne, Pa., assignor to Frank A. Weeks Mfg. Co. Inc., New York, N. Y. Memorandum pad. 1,899,773; Feb. 28.
- Ringling, Walter L., assignor to Bendix Brake Company, South Bend, Ind. Operating means. 1,930,728; Oct. 17.
- Ringwald, Clarence, North Hampton, Ohio, assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. Re18,743; Feb. 21.
- Ringwald, Clarence, South Bend, Ind. Condenser. 1,898,789; Feb. 21.
- Ringwald, Clarence, North Hampton, assignor to Robbins & Myers, Inc., Springfield, Ohio. Electrical contact. 1,924,415; Aug. 29.
- Ringwald, Clarence, Springfield, assignor of one-half to J. A. Diener, Evanston, Ill. Generator ignition control. 1,929,651; Oct. 10.
- Ringwald, Clarence, assignor to Robbins & Myers, Inc., Springfield, Ohio. Brush lifting device. 1,933,760; Nov. 7.
- Ringwald, Clarence, Springfield, Ohio. Gaseous tube sign and the like. 1,935,994; Nov. 21.
- Rinia, Herre. (See Holste, G., and Rinia.)
- Rinia, Herre, Eindhoven, Netherlands, assignor to Radio Corporation of America. Electric glow discharge tube. 1,912,097; May 30.
- Rink, George P. (See Neff, E. A., and Rink.)
- Rink, Ross J., Staples, Minn. Garment hanger. 1,901,777; Mar. 14.
- Rinkel, Otto, assignor to Berlin-Karlsruher Industrie-Werke Aktiengesellschaft, Baden, Germany. Forming projectiles. 1,895,207; Jan. 24.
- Rinkenbach, William H., Dover, N. J. Method of producing noncrystalline explosive azide. 1,914,530; June 20.
- Rinkenbach, William H., Dover, N. J. Purification of trinitrotoluene. 1,936,607; Nov. 28.
- Rinkenbach, William H., and E. D. Regad, Dover, N. J. Recrystallizing and purifying tetryl. 1,940,811; Dec. 26.
- Rinman, Erik L., Djursholm, Sweden. Alkalinizing the waste liquors from the soda or sulphate pulp manufacture for the purpose of making them suitable for dry distillation. 1,906,102; Apr. 25.
- Rinne, John, Upper Darby, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 1,917,664; July 11.
- Rintelman, William L. (See Gubelmann, I., and Rintelman.)
- Rintelman, William L., Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. 2, 6-diamino-anthraquinone sulphides and preparing the same. 1,894,790; Jan. 17.
- Rintelman, William L., Milwaukee, Wis., assignor, by mesne assignments to E. I. du Pont de Nemours & Company. 1, 5-dichloro-2, 6-diamino-anthraquinone-3, 7-disulphonic acid and producing same. 1,899,986; Mar. 7.
- Rintelman, William L., Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Preparing 1, 5-dichloro-2, 6-diamino-anthraquinone. E. A. Mignacco. Carton forming device. 1,916,128; June 27.
- Rintels, Jonathan B., Boston, Mass. Pipe and cigar lighter. 1,940,463; Dec. 19.
- Ripoll, Amadeo, Barcelona, Spain. Taximeter. 1,917,546; July 11.
- Ripp, Frank X., Madison, Wis. Operating mechanism for windows. 1,902,266; Mar. 21.
- Ripp, Frank X., Madison, Wis. Window. 1,932,938; Oct. 31.
- Rippe, John R., Fresno, Calif. Cooling systems. 1,900,586; Mar. 7.
- Rippen, Nicholas, New York, N. Y. Airplane. 1,928,317; Sept. 26.
- Ripper, Kurt, Berlin, Germany. Molding powder. 1,899,109; Feb. 28.
- Rippey, Hugh F., assignor to Laucks Laboratories, Inc., Seattle, Wash. Retarding the development of decay due to mold growth on fruits and vegetables after harvesting. 1,935,599; Nov. 14.
- Rippey & Kingsland. (See Wilson, Edward, assignor.)
- Rippey, Ralph E., et al. (See Nemmers, Francis J., assignor.)
- Rippingille, Frank S., assignor of one-half to Guy Lloyd Horton, Birmingham, England. Shock absorber. 1,937,358; Nov. 28.
- Rippl, Franz, Berlin-Wilmersdorf, Germany. Vertical gasification chamber. 1,911,393; May 30.
- Rippon, Francis F. C., New York, N. Y. Toy. 1,902,971; Mar. 28.
- Ripsch, Charles W. (See Price, W. W., and Ripsch.)
- Rip Van Winkle Wall Bed Company. (See Sinclair, Neil, assignor.)
- Rishel, Harry A., Ambler, Pa. Closure or stopper for barrels and other containers. 1,907,120; May 2.
- Rising, Walter H., Painted Post, assignor to Corning Glass Works, Corning, N. Y. Heat resisting glass giving daylight effects. 1,924,752; Aug. 29.
- Rising Sun Embroidery Works, Inc. (See Hahnel, Arthur P., assignor.)
- Risk, Frank M., Joliet, Ill. Egg carton. 1,932,804; Oct. 31.
- Risser, Ross E., assignor to Southwest Pump Company, Bonham, Tex. Parrel truck. 1,907,005; May 2.
- Ristow, Carl, Berlin, Germany. Process and apparatus for manufacturing receptacles. 1,913,212; June 6.
- Ristow, Carl, Berlin, Germany. Closure device for paper receptacles. 1,912,213; June 6.
- Ritchey, Park D. (See Aldeborgh, E. H., Ritchey, Speakman, and Ruf.)
- Ritchey, Roscoe V., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shoe pressing apparatus. 1,895,941; Jan. 31.
- Ritchie, Albert E., assignor to The Wildroot Company Inc., Buffalo, N. Y. Article displaying device. 1,934,236; Nov. 7.
- Ritchie, Charles F. (See Allen, W. H., Gale, and Ritchie.)
- Ritchie, Charles F. (See Allen, W. H., Ritchie, and Gale.)
- Ritchie, Charles F. (See Gale, W. A., and Ritchie.)
- Ritchie, Charles F., W. A. Gale, and W. H. Allen, assignors to American Potash & Chemical Corporation, Trona, Calif. Recovering potash salts from liquors containing borax. 1,921,481; Aug. 8.
- Ritchie, Charles F., and G. E. Warren, assignors to American Potash & Chemical Corporation, Trona, Calif. Manufacture of potassium sulphate. 1,936,070; Nov. 21.
- Ritchie, Frank R., Chippewa Falls, Wis. Animal feeder. 1,900,868; Mar. 7.
- Ritchie, George A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 1,919,039; July 18.
- Ritchie, John R., Minneapolis, Minn. Tractor scraper. 1,898,312; Feb. 21.
- Ritchie, John R., Minneapolis, Minn. Snowplow. 1,906,718; May 2.
- Ritchie, John R., assignor to Rotary Snow Plow Company, Minneapolis, Minn. Tractor with two motors. 1,913,567; June 13.
- Ritchie, W. C., and Company. (See Fluegge, Robert H., assignor.)
- Ritchie, W. C., and Company. (See Neely, Albert E., assignor.)
- Ritchings, George T. (See Lauster, John J., assignor.)
- Ritenour, William H., Pittsburgh, Pa. Slug-form binding. 1,923,116; Aug. 22.
- Ritenour, William H., Pittsburgh, Pa. Slug form. 1,935,668; Nov. 21.
- Rite-Rite Mfg. Co. (See Hale, Joe D., assignor.)
- Rite-Rite Mfg. Co. (See Lang, Herbert H., assignor.)
- Ritley, Joseph, Cleveland, Ohio. Combination poker and clinker tongs. 1,903,316; Apr. 4.
- Ritter, Albert W., assignor to Sargent & Company, New Haven, Conn. Metal plating machine. 1,937,359; Nov. 28.
- Ritter Dental Manufacturing Company. (See May, Adam J., assignor.)
- Ritter Dental Manufacturing Company. (See Moore, Clarence W., assignor.)
- Ritter, George, Pinckneyville, Ill. Monument. 1,922,218; Aug. 15.
- Ritter, Gustav, Stuttgart-Fellbach, Germany. Treatment of hard waters. 1,930,885; Oct. 17.
- Ritter, Hans. (See Paschen, F., Ritter, Stauber, Gebhardt, and Schmiedel.)
- Ritter, Heinrich. (See Kalischer, G., Ritter, and Baumann.)
- Ritter, John, Lynbrook, N. Y. Metal lining. 1,937,980; Dec. 5.
- Ritter, John A., Dallas, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Device for cementing wells. 1,937,247; Nov. 28.
- Ritter, John H., Charleroi, Pa. Door for glass tanks. 1,911,394; May 30.
- Ritter, John J., assignor to The W. B. Marvin Manufacturing Company, Urbana, Ohio. Window screen. 1,899,358; Feb. 28.
- Ritter, Julius, jr., assignor to Hartmann Trunk Company, Racine, Wis. Wardrobe case. 1,892,903; Jan. 3.
- Ritter, Julius, jr., assignor to Hartmann Trunk Company, Racine, Wis. Loading unit for luggage carriers. 1,934,509; Nov. 7.
- Ritter, William C., assignor to Long Manufacturing Company, Detroit, Mich. Method and apparatus for manufacturing heat exchange units. 1,907,006; May 2.
- Ritter, William C., assignor to Long Manufacturing Company, Detroit, Mich. Radiator fin construction. 1,927,325; Sept. 19.

- Ritterbusch, Oscar, Chicago, Ill. Lock. 1,907,267; May 2.
- Rittler, Willy, Oberloessnitz, near Dresden, assignor to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Manufacture of phenol from aromatic hydrocarbon halides. 1,936,567; Nov. 21.
- Ritts, Arch V. (See McCutcheon, W. N., and Ritts.)
- Ritz, Hans. (See Schrader, C., Keinath, Polin, and Ritz.)
- Ritz, Emil, Jr., Mount Healthy, assignor to The Hissey-Wolf Machine Company, Cincinnati, Ohio. Grinding machine. 1,938,723; Dec. 12.
- Ritz, John, Westfield, N. J., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Ribbon vibrating and ribbon shifting mechanism. 1,929,448; Oct. 10.
- Ritzerfeld, Wilhelm, Berlin, Germany. Manifold machine. 1,902,293; Mar. 21.
- Ritzinger, John R., and F. G. Bevans, Kansas City, Mo., assignors to Wilson-Jones Company, Chicago, Ill. Apparatus for slitting leather. 1,940,464; Dec. 19.
- Ritz-Woller, Oliver C., Chicago, Ill. Stand for an electric iron. Des. 89,922; May 13.
- Ritz Woller, Oliver C., Chicago, Ill. Mirror structure for trucks and the like. 1,893,245; Jan. 3.
- Ritz Woller, Oliver C., Chicago, Ill. Spare tire carrier. 1,908,557; May 9.
- Ritz Woller, Oliver C., Chicago, Ill. License plate holder. 1,915,000; June 6.
- Ritz Woller, Oliver C., Chicago, Ill. Tread plate. 1,915,695; June 27.
- Ritz Woller, Oliver C., Chicago, Ill. Support for mirrors. 1,932,483; Oct. 31.
- Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
- Rivard, Lawrence B., Detroit, assignor to Ford Motors Company, Dearborn, Mich. Window regulator. 1,921,263; Aug. 8.
- Rivas, Paul L., and E. Iribarne, assignors to J. Bossart, Buenos Aires, Argentina. Combined weighing scale and loud speaker. 1,924,652; Aug. 29.
- Rivat, George. (See Dreyfus, C., and Rivat.)
- Rivat, George, Paterson, N. J., assignor to Celanese Corporation of America. Treatment of material containing derivatives of cellulose and product thereof. 1,913,410; June 13.
- Riverbank Laboratories. (See Sabine, Paul E., assignor.)
- Rives, Frank M., Troy, N. Y., assignor to General Electric Company. Signaling system. 1,916,016; June 27.
- Rivet, Edward L., Chicago, Ill. Combined ornament and dispenser. 1,899,165; Feb. 28.
- Rivet-o Mfg. Co. (See Harris, Carl C., assignor.)
- Riviere, Albert S., assignor to Union Special Machine Company, Chicago, Ill. Multiple needle sewing machine. 1,897,986; Feb. 14.
- Riviere, Albert S., assignor to Union Special Machine Company, Chicago, Ill. Chain stitch sewing machine. 1,897,987; Feb. 14.
- Riviere, Albert S., assignor to Union Special Machine Company, Chicago, Ill. Chain stitch sewing machine. 1,897,988; Feb. 14.
- Rivington, John A., Carp, Ontario, Canada. Dividing attachment for mowing machines. 1,894,542; Jan. 17.
- Rix, Austin J., San Francisco, Calif. Air compressor. 1,925,544; Sept. 5.
- Rix, Edward G. (See Lyman, W. H., and Rix.)
- Rix, Warren A., Los Angeles, Calif. Shoe stretching device. 1,938,641; Dec. 12.
- Rix, William R., assignor to A. N. Russell & Sons Company, Ithaca, N. Y. Cabinet construction. 1,916,894; July 4.
- Rixson, Oscar C., Co., The. (See Garrison, Forrest C., assignor.)
- Rixson, Oscar C., Company, The. (See Noltin, Fred, assignor.)
- Rizianu, Michael B., Los Angeles, Calif. Folding square. 1,916,638; July 4.
- Rizzo, Samuel, assignor to Artisan Shoe Company, Rochester, N. Y. Shoe and making the same. 1,904,085; Apr. 18.
- Roach Appleton Manufacturing Company. (See Newman, C., and Appleton, assignors.)
- Roach, George, and D. Winn, Clovis, N. Mex. Agricultural implement. 1,937,436; Nov. 28.
- Roach, John P. (See Snowden, F. E., and Roach.)
- Roads Construction Company. (See Noble, Bert, assignor.)
- Roads Construction Company. (See Noble, Bert and R. J., assignors.)
- Roadstrum, Victor N. (See Faber, William F., assignor.)
- Roalfe, George A., Long Beach, assignor to Isabel D. Roalfe, Los Angeles, Calif. Classifying and separating machine. 1,895,771; Jan. 31.
- Roalfe, Isabel D. (See Roalfe, George A., assignor.)
- Roan, Floyd D., Floydada, Tex. Cotton distributing mechanism for ginning machines. 1,909,722; May 18.
- Roan Mfg. Co. (See Peters, Samuel E., assignor.)
- Roark, Robert H., Waco, assignor, by mesne assignments, to General Ice Scoring Machine Company, Dallas, Tex. Scoring ice blocks. Re18,964; Oct. 3.
- Robb Frank M., Belleville, Ontario, Canada. Signal horn. 1,922,397; Aug. 15.
- Robb, John F., Cleveland Heights, Ohio. Concrete spreading means. 1,907,668; May 9.
- Robb, John F., Cleveland Heights, Ohio. Cement loader, bag counter and indicator for batch mixing apparatus. 1,916,531; July 4.
- Robb, John F., Cleveland Heights, Ohio, assignor to Koehring Company, Milwaukee, Wis. Accelerator attachment for excavating machines. 1,893,564; Jan. 10.
- Robb, John F., Cleveland Heights, assignor to Good Humor Corporation of America, Cleveland, Ohio. Confection and making the same. 1,923,587; Aug. 22.
- Robb, John F., Cleveland Heights, Ohio, assignor to National Equipment Corporation, Milwaukee, Wis. Dirt hauling wagon. 1,934,886; Nov. 14.
- Robb, John G. (See Round, H. J., and Robb.)
- Robb, John M., Peoria, Ill. Steam recuperator. 1,893,715; Jan. 10.
- Robb, Lewis J., Rochester, N. Y. Combined vending and change making machine. 1,902,467; Mar. 21.
- Robb, Theodore D., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,904,252; Apr. 18.
- Robbins, Azor D., New York, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Wheel and brake for motor vehicles. 1,898,313; Feb. 21.
- Robbins, Azor D., New Brunswick, N. J., assignor to International Motor Company, New York, N. Y. Steering gear. 1,906,720; May 2.
- Robbins, Charles A., Pittsburgh, Pa. Auxiliary packing gland. 1,893,961; Jan. 10.
- Robbins, Charles W., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyor system. 1,934,377; Nov. 7.
- Robbins, Frank, Sacramento, assignor of one-half to Libby, McNeill & Libby, San Francisco, Calif. Fruit pitting machine. 1,901,042; Mar. 14.
- Robbins, Frank, Sacramento, assignor of one-half to Libby, McNeill & Libby, San Francisco, Calif. Fruit pitter. 1,915,447; June 27.
- Robbins, James F., et al. (See Abraham, Hiram T., assignor.)
- Robbins, John L., Edgewater, Colo. Incubator. Re18,984; Oct. 31.
- Robbins, John L., Denver, Colo. Incubator. 1,907,121; May 2.
- Robbins & Myers, Inc. (See Ringwald, Clarence, assignor.)
- Robbins, Percy A., Highland Park, Ill. Production of sound records. 1,909,504; May 16.
- Robbins, Samuel J., and R. Stauffert, assignors to Robbins & Stauffert, Inc., Chicago, Ill. Pocketbook, handbag, and the like. 1,939,276; Dec. 12.
- Robbins & Stauffert, Inc. (See Robbins, S. J., and Stauffert, assignors.)
- Robbins & Stauffert, Inc. (See Stauffert, Rudolph, assignor.)
- Robbins, Theodore J., New Egypt, N. J. Portable ice saw. 1,902,666; Mar. 21.
- Robbins, William C., McAlester, Okla. Coal cutting machine. 1,934,562; Nov. 7.
- Robbins, William H., Springfield, assignor to The William Company, London, Ohio. Steel wool machine. 1,912,951; June 6.
- Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Scouring pad and making. 1,932,752; Oct. 31.
- Robbins, William H., and R. F. Boehler, Jr., Springfield, assignors to The Williams Company, London, Ohio. Steel wool machine. 1,894,447; Jan. 17.
- Robbins, William H., and R. F. Boehler, Jr., Springfield, assignors to The Williams Company, London, Ohio. Steel wool machine. 1,894,448; Jan. 17.
- Robe, Walter B., Towson, Md., assignor to Thermal Control Corporation. Heat transferer for controlling solid CO₂ for refrigeration purposes. 1,901,000; Mar. 14.
- Robt. Henry J., Springfield, Ohio, assignor to French & Hecht, Incorporated. Wheel structure. 1,938,041; Dec. 5.
- Roberson, Willard D., New York, N. Y. Textile fabric or the like. Des. 88,986; Jan. 10.
- Roberson, Willard D., New York, N. Y. Textile fabric or the like. Des. 89,594; Apr. 11.
- Robert, Alphonse V. A., Lorient, assignor to Société Anonyme "Engins de Pêche Maritime", Paris, France. Dragnet and the like. 1,908,488; May 9.
- Robert, Charles S., Chatham, N. J. Lock fastener and handle for boxes. 1,939,227; Dec. 12.
- Robert, Louis F., Au Sable Forks, N. Y. Inner cuff. 1,934,770; Nov. 14.
- Robert, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,924,290; Aug. 29.
- Roberti Bros. (See Roberti, Edward, assignor.)
- Roberti, Edward, Los Angeles, Calif., assignor to Roberti Bros. Making reinforced mattresses. 1,898,497; Feb. 21.
- Robertson James S. P., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Resistance. 1,940,102; Dec. 19.
- Robertson, Lloyd T., Milwaukee, Wis. System of remote radiocontrol. 1,905,503; Apr. 25.
- Roberts, Anna, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Beach sandal. Des. 90,338; July 18.
- Roberts, Benjamin F., Brazil, Ind. Apparatus for screening materials. 1,904,032; Apr. 18.
- Roberts Brass Manufacturing Company. (See Roberts, Earl W., assignor.)

- Roberts, Charles H., Phoenix, Ariz., assignor of one-half to D. M. Morris, Los Angeles, Calif. Hydraulic variable speed control. 1,893,654; Jan. 10.
- Roberts, Clark L., Nampa, Idaho. Automobile seat. 1,903,267; Mar. 28.
- Roberts, Cushman & Company. (See Luedke, M. A. G., and Hofmann, assignors.)
- Roberts, Cushman & Company. (See Weingartner, Victor, assignor.)
- Roberts, Earl W., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Gas lighter construction. 1,921,778; Aug. 8.
- Roberts, Earl W., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Gas cock. 1,921,779; Aug. 8.
- Roberts, Edward W., assignor to Lakewood Manufacturing Co., Chicago, Ill. Container. 1,902,723; Mar. 21.
- Roberts, Edwin G. L. (See Stokes, R. A., and Roberts.)
- Roberts, Erwin J., Newark, N. J. Swimming pedal. 1,896,373; Feb. 7.
- Roberts, Eugene, Hastings, N. Y. Centrifugal machine. 1,903,298; Apr. 4.
- Roberts, Eugene, Hastings, N. Y. Loading gauge for centrifugal baskets. 1,906,767; May 2.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal apparatus. 1,905,306; Apr. 25.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Apparatus for discharging centrifugal machines. 1,909,188; May 16.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Discharging material from centrifugal baskets. 1,940,812; Dec. 26.
- Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal basket. 1,940,813; Dec. 26.
- Roberts, Frank B., and W. G. Huntington, Anaheim, assignors to Food Machinery Corporation, San Jose, Calif. Conveyer mechanism. 1,916,532; July 4.
- Roberts, Frank B., and W. G. Huntington, Anaheim, assignors to Food Machinery Corporation, San Jose, Calif. Fruit-washing machine. 1,925,605; Sept. 5.
- Roberts, Frederic M., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,928,464; Sept. 26.
- Roberts, George E., Glendale, Calif., assignor of one-fourth to R. A. Riek, and one-fourth to F. O. Riek, Rhinelander, Wis. Compressor. 1,931,207; Oct. 17.
- Roberts, George H., et al. (See Skoverski, John R., assignor.)
- Roberts, George H., assignor of one-half to A. E. Schulze, Los Angeles, Calif. Oil-well pump. 1,929,827; Oct. 10.
- Roberts, George R. (See Cowie, Alexander, assignor.)
- Roberts, Gilbert V. (See Wickersham, H. P., and Roberts.)
- Roberts, Gordon. (See Decker, S. K., and Roberts.)
- Roberts, Gordon A., Pelham Manor, N. Y., and S. K. Decker, Los Angeles, Calif., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting means. 1,930,253; Oct. 10.
- Roberts-Gordon Appliance Corporation. (See Roberts, Millard J., assignor.)
- Roberts, Harold P., assignor to Kavalco Products, Inc., Nitro, W. Va. Purifying phenolphthalein. 1,940,146; Dec. 19.
- Roberts, Harold W., et al. (See Bickel, William A., assignor.)
- Roberts, Henry P., Brooklyn, assignor to Dictaphone Corporation, New York, N. Y. Ejector lock and conditioning means for dictation machines. 1,939,412; Dec. 12.
- Roberts, James H., Park Ridge, Ill. Fruit juice extractor. 1,938,463; Dec. 5.
- Roberts, James M., St. Joseph, Mo. Metal traction drive wheel. 1,932,604; Oct. 31.
- Roberts, John A. (See Crossdale, J. P., jr., and Roberts.)
- Roberts, John E., assignor of one-half to The Hellwig Silk Dyeing Company, Philadelphia, Pa. Cloth expander and guide. 1,927,349; Sept. 26.
- Roberts, John F. (See Holden, R. M., and Roberts.)
- Roberts, Joseph, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Flexible apron loop drier. 1,939,523; Dec. 12.
- Roberts, Joseph H., Waterbury, assignor to F. B. Shuster Co., Inc., New Haven, Conn. Fabricating machine for long stock. 1,909,012; May 16.
- Roberts, Joseph H., Waterbury, assignor to F. B. Shuster Co., Inc., New Haven, Conn. Long stock fabricating machine. 1,916,991; July 4.
- Roberts, Joseph H., Waterbury, assignor to F. B. Shuster Co., Inc., New Haven, Conn. Metal treatment and apparatus. 1,936,639; Nov. 28.
- Roberts, Joseph H. T., assignor to British Talkiescope Limited, London, England. Driving of cinematographs and sound reproducing means in synchronism. 1,907,445; May 9.
- Roberts, Joseph K., Hammond, assignor to Standard Oil Company, Whiting, Ind. Stabilization of light hydrocarbon oils and particularly pressure distillate. 1,939,633; Dec. 12.
- Roberts, Julian C., assignor to West Side Radio Laboratories, Inc., Miami, Fla. Short wave converter. 1,914,165; June 13.
- Roberts, Katherine, et al. (See Roberts, Lee B., assignor.)
- Roberts, Lee B., Corbin City, assignor of one-half to R. H. Coney, Miramar, and one-fourth to K. Roberts, and one-fourth to T. Roberts, Corbin City, N. J. Flush valve. 1,926,754; Sept. 12.
- Roberts, Luanna S., Torrance, Calif. Soap holder. 1,917,735; July 11.
- Roberts & Mander Stove Company. (See Antrim, William D., assignor.)
- Roberts, Millard J., assignor to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Gas burner. 1,931,589; Oct. 24.
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive booster motor. 1,913,411; June 13.
- Roberts, Montague H., Englewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Booster motor controlling mechanism. 1,939,277; Dec. 12.
- Roberts, Richard, Pasadena, assignor of one-third to H. Giese, Santa Barbara, Calif. Manufacturing sheet packing material. 1,925,206; Sept. 5.
- Roberts, Robert P. (See Briggs, J. F., and Roberts.)
- Roberts, Robert P. (See Ewing, H., and Roberts.)
- Roberts, Robert P. (See Payne, R. W., and Roberts.)
- Roberts, Robert P., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial materials. 1,926,111; Sept. 12.
- Roberts, Robert P., R. I. R. Dean, and L. W. Gregory, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials from cellulose derivatives. 1,903,299; Apr. 4.
- Roberts and Schaefer Company. (See Stump, Earl, assignor.)
- Roberts, Seward M., South Orange, N. J. Direction signaling device. 1,940,605; Dec. 19.
- Roberts, Theodore C. (See Berry, E. E., and Roberts.)
- Roberts, Thresta, et al. (See Roberts, Lee B., assignor.)
- Roberts, Tom R., assignor to E. C. Atkins and Company, Indianapolis, Ind. 1,919,748; July 25.
- Roberts, Walter V., Princeton, N. J. Balancing means for centrifugal driers. 1,912,402; June 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Wireless signaling device. 1,897,767; Feb. 14.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Amplifier with controllable band pass width. 1,907,669; May 9.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Heater tube detector circuit. 1,907,670; May 9.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Portable superregenerative receiver. 1,907,874; May 9.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Cascade superregenerative circuits. 1,910,058; May 23.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Radio frequency transmission circuit. 1,910,059; May 23.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Radio receiving circuit. 1,910,500; May 23.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Amplifying circuits. 1,912,726; June 6.
- Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic volume control. 1,913,959; June 13.
- Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Automatically controlled radioreceiver. 1,918,826; July 18.
- Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Regenerative radioreceiver. 1,931,082; Oct. 17.
- Roberts, Walter van B. (See Frantz, S. G., McCutchen, and Roberts.)
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation. 1,917,394; July 11.
- Roberts, Walter van B., assignor to Radio Corporation of America, Princeton, N. J. Stabilized radioreceiver. 1,919,906; July 25.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Charging accumulators. 1,921,841; Aug. 8.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Resistance coupled amplifier. 1,925,340; Sept. 5.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Amplifying circuits. 1,925,569; Sept. 5.
- Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Intensifying the directional characteristic of directive antennae. 1,925,570; Sept. 5.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Vacuum tube. 1,937,594; Dec. 5.
- Roberts, Walter Van B., Bronxville, N. Y., assignor to Radio Corporation of America. Neutralizing system. 1,925,568; Sept. 5.
- Roberts, William P., Greensburg, Ind. Pinhole grinding or honing tool. 1,903,343; Apr. 4.
- Roberts, William R., Harrow, England. Capping machine. 1,924,753; Aug. 29.

- Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,921,099; Aug. 8.
- Robertshaw, Clarence W., assignor to Robertshaw Thermostat Company, Youngwood, Pa. Heat control device for ovens and the like. 1,892,809; Jan. 3.
- Robertshaw, Frederick W., Pittsburgh, and G. A. Robertshaw, Greensburg, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Controlling valves and system embodying the same. 1,912,727; June 6.
- Robertshaw, George A. (See Robertshaw, Frederick W. and G. A., assignors.)
- Robertshaw, George A., Youngwood, Pa. Automatic fuel controller. 1,892,810; Jan. 3.
- Robertshaw Thermostat Company. (See Robertshaw, Clarence W., assignor.)
- Robertshaw Thermostat Company. (See Robertshaw, Frederick W. and G. A., assignors.)
- Robertson, Charles K., Edinburgh, Scotland. Filing cabinet. 1,918,195; July 11.
- Robertson, David, Dulwich, London, England. Apparatus for treating foodstuffs. 1,931,623; Oct. 24.
- Robertson, Foster, Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Modifying vinyl resins. 1,921,326; Aug. 8.
- Robertson, Frederick N., Vancouver, British Columbia, Canada. Doorlatch spindle. 1,932,048; Oct. 24.
- Robertson, H. H., Company. (See Crafton, Henry H., assignor.)
- Robertson, H. H., Company. (See Young, James H., assignor.)
- Robertson, Harry M., Cleveland, Ohio. Kiln truck. 1,908,186; May 9.
- Robertson, Harry M., Cleveland, Ohio. Kiln. 1,911,089; May 23.
- Robertson, Harry M., Cleveland, Ohio. Kiln. 1,919,258; July 25.
- Robertson, Isaac W. (See Saurer, C., and Robertson.)
- Robertson, Isaac W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vibration insulator. 1,899,293; Feb. 28.
- Robertson, Ivy B., assignor of one-half to F. M. Gresham, Charlotte, N. C. Pump. 1,903,555; Apr. 11.
- Robertson, James, San Francisco, Calif. Life preserver. 1,938,610; Dec. 12.
- Robertson, James, and G. H. Purdy, San Francisco, Calif. Milk cooler. 1,897,336; Feb. 14.
- Robertson, James R., London, England. Screen for color photography. 1,911,584; May 30.
- Robertson, John H. (See Cox, S. F., and Robertson.)
- Robertson, John H., and L. Gutteridge, London, England. Variable speed friction gearing. 1,916,533; July 4.
- Robertson, John W. (See Harvey, L. W., Olcott, and Robertson.)
- Robertson, John W. (See McCalister, Truman E., assignor.)
- Robertson, John W., Cheam, assignor to A. C. Pearce, London, England. Bucket or like receptacle. 1,922,981; Aug. 15.
- Robertson, Kenneth J. R., assignor to Carrier Engineering Company Limited, London, England. Method and apparatus for cleaning articles, particularly metallic goods. 1,905,968; Apr. 25.
- Robertson, Kenneth J. R., assignor to Carrier Engineering Company Limited, London, England. Method and apparatus for cleaning articles. 1,907,875; May 9.
- Robertson, Kenneth J. R., assignor to Carrier Engineering Company, Limited, London, England. Cleaning baths employing volatile solvents. 1,911,926; May 30.
- Robertson, Owen H. (See Irving, A. H., and Robertson.)
- Robertson, Peter, and F. N. Woodman, Clinton, Mass., assignors to Wickwire Spencer Steel Company, New York, N. Y. Radiator cabinet. 1,908,790; May 16.
- Robertson, Peter L., Milton, Ontario, Canada. Slotted socket screw. 1,910,182; May 23.
- Robertson, Peter L., Milton, Ontario, Canada. Roll-threading and pointing screws. 1,913,143; June 6.
- Robertson, Robert, Goldthwaite, Tex. Animal pen. 1,897,441; Feb. 14.
- Robertson, Robert M., Toronto, and M. C. Allin, Weston, Ontario, Canada, assignors to Riley Stoker Corporation, Worcester, Mass. Automatic stoker. 1,893,246; Jan. 3.
- Robertson, Robert R. (See Burrell, William C., assignor.)
- Robertson, Robert R., Evanston, Ill. Single plate multiple photographic reproduction. 1,892,683; Jan. 3.
- Robertson, Robert R., Evanston, Ill. Camera. 1,892,684; Jan. 3.
- Robertson, Robert R., Chicago Heights, Ill. Parting strip support. 1,936,859; Nov. 28.
- Robertson, Robert T., et al. (See Stewart, John O., assignor.)
- Robertson, Rollin W., Baltimore, Md. Oyster culture. 1,921,945; Aug. 8.
- Robertson, William E., et al. (See Stewart, John O., assignor.)
- Robertson, William H., Rockford, Ill. Tire spreader. 1,907,007; May 2.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Autographic register. 1,911,208; May 30.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,929,652; Oct. 10.
- Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,939,278; Dec. 12.
- Robertson, William R. (See Baird, C., and Robertson.)
- Robertson, William Spencer. (See Lamela, V. F., Pick, and Robertson.)
- Robeson Process Company. (See Wallace, Fredrick J., assignor.)
- Robey, William B., jr., North Little Rock, Ark. Transmission. 1,914,460; June 20.
- Robichaux, S., et al. (See Dodds, Redus D., assignor.)
- Robichaux, Sosthene, Saratoga, Tex. Sample taking device. 1,900,618; Mar. 7.
- Robideau, Eli, Malone, N. Y. Dust collector. 1,901,262; Mar. 14.
- Röbbig, Adolf, Frankfurt-on-the-Main-Nied, Germany. Ball joint for gauge rods and steering rods on motor vehicles. 1,923,232; Aug. 22.
- Robillard, Robert E., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,912,333; May 30.
- Robin, Philip T., Erie, Pa., assignor, by mesne assignments, to The Wellman Engineering Company, Cleveland, Ohio. Vehicle. 1,894,633; Jan. 17.
- Robin, Philip T., Erie, Pa., assignor, by mesne assignments, to The Wellman Engineering Company, Cleveland, Ohio. Vehicle. 1,923,397; Aug. 22.
- Robin, Philip T., Erie, Pa., assignor, by mesne assignments, to The Wellman Engineering Company, Cleveland, Ohio. Vehicle. 1,936,954; Nov. 28.
- Robinett, Richard A., Norfolk, Va. Expanding a flattened paper roll. 1,922,716; Aug. 15.
- Robinson, Albert E. (See Watson, A. G., and Robinson.)
- Robins, C. H. D., Co. (See Greene, Francis R., assignor.)
- Robins Conveying Belt Company. (See Robins, Samuel D., assignor.)
- Robins, Erford E. (See Cotesworth, A., and Robins.)
- Robins, Samuel D., Hewlett, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Vibrator for screens and other apparatus. 1,901,122; Mar. 14.
- Robins, Samuel D., Hewlett, assignor to Robins Conveying Belt Company, Passaic, N. J. Screening apparatus. 1,923,229; Aug. 22.
- Robinson, Albert E. (See Hoelscher, W. G., and Robinson.)
- Robinson, Albert E., assignor to The American Tool Works Company, Cincinnati, Ohio. Lapping machine. 1,916,117; June 27.
- Robinson, Albert E., Cincinnati, and W. G. Hoelscher, Norwood, assignors to The American Tool Works Company, Cincinnati, Ohio. Lapping machine. 1,916,118; June 27.
- Robinson, Albert P., Seattle, Wash. Pivotaly supported wind wing. 1,919,749; July 25.
- Robinson, Albert P., Seattle, Wash. Pivotaly supported wind-wing attachment. 1,928,232; Sept. 26.
- Robinson, Andrew M., New York, N. Y., assignor to Consolidated Automatic Merchandising Corporation. Spurious coin detector. 1,892,777; Jan. 3.
- Robinson, Andrew M., New York, N. Y., assignor, by mesne assignments, to Camco Scale Corporation. Automatic vending machine. 1,911,207; May 30.
- Robinson, Andrew M., New York, N. Y., assignor, by mesne assignments, to Camco Scale Corporation. Vending machine. 1,931,905; Oct. 24.
- Robinson, Andrew M., assignor to Camco Scale Corporation, New York, N. Y. Change making machine. 1,940,231; Dec. 19.
- Robinson, Arthur H., Lakewood, Ohio. Ventilating device. 1,933,150; Oct. 31.
- Robinson, Charles W., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Rod weeder shoe. 1,902,897; Mar. 28.
- Robinson, Clarence J. (See Bannister, H. B., and Robinson.)
- Robinson, Claude A., assignor to Detroit Steel Products Company, Detroit, Mich. Structural member. 1,915,697; June 27.
- Robinson, Clyde J., New York, N. Y. Package opener. 1,919,907; July 25.
- Robinson, David, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,904,171; Apr. 18.
- Robinson, E. S., & A., Limited. (See Northway-Ley, John R., assignor.)
- Robinson, Edward A., Montreal, Quebec, Canada, assignor to Joseph Robinson, New York, N. Y. Bracket for connector heads. 1,902,101; Mar. 21.
- Robinson, Edward A., Montreal, Quebec, Canada, assignor to J. Robinson, New York, N. Y. Bracket for connector heads. 1,931,208; Oct. 17.
- Robinson, Emmet M., Minneapolis, Minn. Applicator and massage instrument. 1,905,750; Apr. 25.
- Robinson, Eric A., Marylebone, England, assignor to American Throttle Company, Inc., New York, N. Y. Regulator valve apparatus for locomotives. 1,907,671; May 9.
- Robinson, Evelyn G., New York, N. Y. Material handling apparatus. 1,922,330; Aug. 15.
- Robinson, Evelyn G., New York, N. Y. Material-handling apparatus. 1,928,632; Oct. 3.
- Robinson, F., and Company, Limited. (See Robinson, Gilbert A., assignor.)

- Robinson, Francis T., Rockville Center, assignor to Arkell Safety Bag Company, New York, N. Y. Method of and machine for sealing seams. 1,931,629; Oct. 24.
- Robinson, Frank W., assignor to Schuykill Hosiery Mills, Reading, Pa. Stripping needle dividing mechanism for circular knitting machines. 1,933,281; Oct. 31.
- Robinson, Frank W., assignor to Schuykill Hosiery Mills, Inc., Reading, Pa. Automatic thread changing mechanism for stripping attachments. 1,937,595; Dec. 5.
- Robinson, Frederic W., Short Hills, assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Combination irrigation and ultraviolet irradiation tube. 1,939,413; Dec. 12.
- Robinson, Frederick A., assignor to S. L. Robinson, Boston, Mass. Oil burner. 1,903,195; Mar. 28.
- Robinson, George E., Concord, N. H. Water gun. 1,923,588; Aug. 22.
- Robinson, George L. (See Humes, H. C., and Robinson.)
- Robinson, Gilbert A., Sutton-on-Hull, England. Making metal containers. 1,899,638; Feb. 28.
- Robinson, Gilbert A., Sutton-on-Hull, England. Making metal containers. 1,899,639; Feb. 28.
- Robinson, Gilbert A., assignor to F. Robinson and Company, Limited, Hull, England. Tins, iron kegs and like metal containers. 1,904,630; Apr. 18.
- Robinson, Gleeson E., Tunbridge Wells, England. Sharpening razor blades. 1,912,098; May 30.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Combined tank trailer and tractor. Des. 90,084; June 6.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Trailer. Des. 90,169; June 20.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Combination tractor and trailer. Des. 90,925; Oct. 24.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Coupling mechanism for tractors and trailers. 1,926,177; Sept. 12.
- Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Opa Locka, Fla. Trailer nose construction. 1,941,323; Dec. 26.
- Robinson, Harry E. (See Schutz, H. R., and Robinson.)
- Robinson, Harry G., Waterbury, Conn., assignor to Industries of America, Inc. Compensating let-off mechanism. 1,900,952; Mar. 14.
- Robinson, Harvie, Thomasville, Ga. Surgical bandage forming machine. 1,923,117; Aug. 22.
- Robinson, Henry H., assignor to Robinson Orifice Fitting Company, Los Angeles, Calif. Construction for orifice meter fittings. 1,903,068; Mar. 28.
- Robinson, Jack D. (See Bruson, H. A., Robinson, and Stein.)
- Robinson, James, London, England. Thermionic valve. 1,908,920; May 16.
- Robinson, James, London, England, assignor, by mesne assignments, to British Radiostat Corporation, Limited. Electrical apparatus employing piezo-electric devices. 1,898,895; Feb. 21.
- Robinson, James, London, England, assignor, by mesne assignments, to British Radiostat Corporation Limited. Wireless receiver. 1,908,558; May 9.
- Robinson, James, London, England, assignor, by mesne assignments, to British Radiostat Corporation, Limited. Wireless receiving apparatus. 1,941,155; Dec. 26.
- Robinson, James M., Evansville, assignor of one-fourth to T. A. Gosman, Dubois County, Ind. Television scanning device. 1,927,754; Sept. 19.
- Robinson, James T. (See McMinn, C. R., Robinson, and Holliday.)
- Robinson, Jay F., Pittsburgh, J. M. Chilcote, Wellsboro, and W. H. Haupt, Tioga, Pa. Cementing apparatus for oil and gas wells. 1,922,780; Aug. 15.
- Robinson, John C., Pittsburgh, Pa. Comb. 1,894,832; Jan. 17.
- Robinson, John F., Moundsville, W. Va. Engine valve lubricating means. 1,938,042; Dec. 5.
- Robinson, Joseph. (See Alexander, Charlton A., assignor.)
- Robinson, Joseph, et al. (See Baldwin, George E., assignor.)
- Robinson, Joseph. (See Robinson, Edward A., assignor.)
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,896,917; Feb. 7.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,896,918; Feb. 7.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,896,919; Feb. 7.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,906,919; May 2.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,908,866; May 16.
- Robinson, Joseph, New York, N. Y. Gasket renewing means for automatic train pipe connectors. 1,908,867; May 16.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,910,448; May 23.
- Robinson, Joseph, New York, N. Y. Electrical vaporizer. 1,911,468; May 30.
- Robinson, Joseph, New York, N. Y. Vaporizer. 1,913,059; June 6.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,913,060; June 6.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector head. 1,920,277; Aug. 1.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,920,278; Aug. 1.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,920,279; Aug. 1.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,921,207; Aug. 8.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,921,482; Aug. 8.
- Robinson, Joseph, New York, N. Y. Automatic train-pipe connector. 1,925,724; Sept. 5.
- Robinson, Joseph, New York, N. Y. Automatic train-pipe connector. 1,930,183; Oct. 10.
- Robinson, Joseph, New York, N. Y. Electric vaporizer. 1,934,887; Nov. 14.
- Robinson, Joseph, New York, N. Y. Automatic train pipe connector. 1,936,071; Nov. 21.
- Robinson, Joseph, New York, N. Y. Electrical vaporizer. 1,939,921; Dec. 19.
- Robinson, Joseph, New York, N. Y. Vaporizer. 1,940,920; Dec. 26.
- Robinson, Joseph C. (See Canti, R. G., and Robinson.)
- Robinson, Karl D., New York, N. Y., assignor to Barrett & Company. Leather or similar article of manufacture. Des. 88,987; Jan. 10.
- Robinson, Lester L. et al. (See Murray, William M., assignor.)
- Robinson, Lewis T., Schenectady, N. Y., assignor to General Electric Company. Sound recording. 1,935,417; Nov. 14.
- Robinson, Luke E. (See Newhart, Harry D., assignor.)
- Robinson, Malcolm B., Woodbridge, Conn. Collapsible tube closure. 1,901,823; Mar. 14.
- Robinson, Nathaniel O. (See de Ganahl, C., and Robinson.)
- Robinson Orifice Fitting Company. (See Robinson, Henry H., assignor.)
- Robinson, Paul. (See Hiff, J. W., and Robinson.)
- Robinson, Paul, Llanerch, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resin. 1,925,935; Sept. 5.
- Robinson, Preston. (See Shugg, C., and Robinson.)
- Robinson, Preston, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 1,935,860; Nov. 21.
- Robinson, Preston, North Adams, assignor to Sprague Specialties Co., Quincy, Mass. Electrolytic device. 1,938,464; Dec. 5.
- Robinson, Preston, and J. L. Collins, assignors to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 1,916,586; July 4.
- Robinson, Quint O., and G. H. Goulden, Denver, Colo. Pipe threading device. 1,892,904; Jan. 3.
- Robinson, Robert T., Penetanguishene, Ontario, Canada. Grate. 1,903,634; Apr. 11.
- Robinson, Rochford W., San Antonio, Tex. Variable spacer feed mechanism for typewriting machines. 1,926,178; Sept. 12.
- Robinson, Rona, Withington, near Manchester, assignor to the Firm of The Clayton Aniline Company, Limited, Clayton-Manchester, England. Condensation product and making same. 1,923,798; Aug. 22.
- Robinson, Roy H., Chicago, Ill. Built-up metal tube, frame, and skeletonized metal member of high strength weight, and forming same. 1,930,235; Oct. 10.
- Robinson, Roy H., Chicago, Ill. Tennis or squash racket. 1,937,787; Dec. 5.
- Robinson, Sandford. (See Simpson, S., Smith, and Robinson.)
- Robinson, Sarah L. (See Robinson, Frederick A., assignor.)
- Robinson, Saul. (See Slavin, Lionel L., assignor.)
- Robinson, Thomas, Everett, Wash. Press device embodying electrically heated elements. 1,937,169; Nov. 28.
- Robinson, Thomas, assignor to Lancaster Asphalt, Inc., New York, N. Y. Making prepared building products. 1,909,318; May 16.
- Robinson, Thomas, assignor to Lancaster Asphalt, Inc., New York, N. Y. Building product and making the same. 1,922,501; Aug. 15.
- Robinson, Thomas, assignor to Lancaster Asphalt, Inc., New York, N. Y. Roofing elements and applying surfacing materials thereto. 1,925,282; Sept. 5.
- Robinson, Thomas, assignor to Lancaster Processes, Inc., New York, N. Y. Producing emulsions. 1,923,888; Aug. 22.
- Robinson, Thomas, New York, assignor to Lancaster Processes, Inc., Long Island City, N. Y. Fibrous product and making the same. 1,927,047; Sept. 19.
- Robinson, Thomas F. (See Ault, L. B., and Robinson.)
- Robinson, Virgil E., Los Angeles, Calif. Filing system and means. 1,925,705; Sept. 5.
- Robinson, Wallace N., Minneapolis, Minn. Grating structure for windows. 1,895,008; Jan. 24.
- Robinson, Wallace W., Portland, Me. Finger-hold for safety razors. 1,917,812; July 11.
- Robinson, Ward M. (See Lindquist, D. E., and Robinson.)
- Robinson, Ward M., assignor to Mueller Brass Co., Port Huron, Mich. Making pipe fittings. 1,918,715; July 18.
- Robinson, Ward M., assignor to Mueller Brass Co., Port Huron, Mich. Mandrel. 1,921,584; Aug. 8.
- Robinson, William C., Sewickley, Pa., assignor to National Electric Products Corporation, New York, N. Y. Flameproof cable. 1,895,898; Jan. 31.
- Robinson, William D. (See Lytell, B. L., and Robinson.)

- Robinson, William J. (See Galligan, J. J., and Robinson, assignors.)
- Robison, Isaac R., Ione, Ore. End-thrust facing and fillet cutter. 1,934,950; Nov. 14.
- Robison, Merritt D., San Francisco, Calif. Combined cuttle bone holder and toy. Des. 89,923; May 16.
- Robison, Reed W. (See Olsen, A., jr., and Robinson.)
- Robison, Thomas W., Hillsdale, Ore. Quick drop attachment for type casting machines. 1,893,247; Jan. 3.
- Robson, Homer L., Richmond, assignor to Burnham Chemical Company, Westend, Calif. Borax-manufacturing process. 1,929,902; Oct. 10.
- Robson, John, Clareville, Caterham Valley, England, assignor to The Waterbury Tool Company, Waterbury, Conn. Fluid controlled mechanism. 1,918,985; July 18.
- Roby, Edward B., assignor to The S and R Folding Machine Co. Inc., New York, N. Y. Apparatus for forming pointed corners. 1,934,209; Nov. 7.
- Rocco, Ralph. (See Bisch, Alvin, assignor.)
- Rochat, Henri, Geneva, Switzerland. Electric hair waving iron. 1,898,467; Feb. 21.
- Roche, Allemen H. (See Dunham, C. R., and Roche.)
- Roche, Allemen H., et al. (See Grace, B. B., Skillman, Roche, and Sandeman.)
- Roche, Clifton R., Los Angeles, Calif. Brake for automobiles. 1,934,768; Nov. 14.
- Roche, Henri, assignor to Societe Etablissements Edoux-Samin, Paris, France. Safety device for elevator driving means. 1,917,462; July 11.
- Rochefort, Francois, Paris, France. Fuel supply process for internal combustion engine. 1,903,851; Apr. 18.
- Rochester Appliance Company. (See Ellis, Arthur H., assignor.)
- Rochester Envelope Company. (See Reineman, Howard H., assignor.)
- Rochester Folding Box Co., The. (See Bowersock, Wilber E., assignor.)
- Rochester Folding Box Company, The. (See Bowersock, W. E., and Spiess, assignors.)
- Rochester Folding Box Co., The. (See Bowersox, Wilber E., and Fancher, assignors.)
- Rochester Folding Box Co., The. (See Fancher, Howard M., assignor.)
- Rochester, William L., Manhasset, N. Y. Rope. 1,930,661; Oct. 17.
- Rochoy, Hans. (See Kramar, E., and Rochoy.)
- Rochoy, Hans, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Neutralized tube transmitting apparatus. 1,910,814; May 28.
- Rock, George W. (See Christensen, H., and Rock.)
- Rock, John P., Duluth, Minn. Shock absorber. 1,922,457; Aug. 15.
- Rockbestos Products Corporation. (See Greenleaf, John W., assignor.)
- Rockbestos Products Corporation. (See Mau, E. A., and Hutchinson, assignors.)
- Rockbestos Products Corporation. (See Reeves, Beauford H., assignor.)
- Rockefeller, Godfrey S. (See Gum, Guy C., assignor.)
- Rockendorf, Rudolf, Bad-Lauchstadt, Germany. Dirigible head lamp for motor vehicles, automatically operated. 1,914,818; June 20.
- Rockford Drilling Machine Co. (See Hughes, William F., assignor.)
- Rockford Drilling Machine Co. (See Ruesenberg, Carl A., assignor.)
- Rockford Drilling Machine Company. (See Ruesenberg, C. A., and Hughes, assignors.)
- Rockgas Products Company. (See Kerr, Chester L., assignor.)
- Rockhoff, Bert E., assignor to Detroit Steel Products Company, Detroit, Mich. Metallic foundation sheets for building construction. 1,933,221; Oct. 31.
- Rockinger, Johann, jr., Munich, Germany. Automatic trailer coupling. 1,939,463; Dec. 12.
- Rock Island Mfg. Co. (See Botsford, Warren U., assignor.)
- Rock Island Plow Company, The. (See Kaupke, Lee H., assignor.)
- Rockland & Rockport Lime Corporation. (See Rankin, Knott C., assignor.)
- Rockola, David C., Chicago, Ill. Game device. Des. 90,897; Oct. 17.
- Rockola, David C., Chicago, Ill. Game device. Des. 90,926; Oct. 24.
- Rockola, David C., Chicago, Ill. Game device. Des. 90,927; Oct. 24.
- Rockola, David C., Chicago, Ill. Scale. 1,916,234; July 4.
- Rockstroh, Walter, Dresden, Germany. Driving gear for printing presses. 1,920,891; Aug. 1.
- Rockstroh-Werke Aktien-Gesellschaft. (See Rössger, Walter, assignor.)
- Rockwell, Byrd C., Sheffield, Ala. Inlay flooring construction. 1,913,290; June 6.
- Rockwell, Byrd C., Sheffield, Ala. Flooring construction. 1,936,028; Nov. 21.
- Rockwell, Donald J. (See Hunter, T. A., and Rockwell.)
- Rockwell, Edward A., Long Island City, N. Y. Fluid pressure brake. 1,896,874; Feb. 7.
- Rockwell, Edward A., Long Island City, N. Y. Fuel pumping device for internal combustion engines. 1,919,040; July 18.
- Rockwell, Edward A., Chicago, Ill. Linkage control for power brakes. 1,896,378; Feb. 7.
- Rockwell, Edward A., Chicago, Ill. Oil seal. 1,896,378; Feb. 7.
- Rockwell, Edward A., Chicago, Ill. Brake operating mechanism. 1,903,138; Mar. 28.
- Rockwell, Edward A., Chicago, Ill. Servo clutch. 1,907,008; May 2.
- Rockwell, Edward A., Chicago, Ill. Combined accelerator and brake control. 1,907,009; May 2.
- Rockwell, Edward A., Chicago, Ill. Fuel pump. 1,907,673; May 9.
- Rockwell, Edward A., Chicago, Ill. Brake applying means. 1,907,876; May 9.
- Rockwell, Edward A., Forest Hills, N. Y. System of feeding fuel by means of impulses. 1,907,672; May 9.
- Rockwell, Edward A., Chicago, Ill. Power unit. 1,928,633; Oct. 3.
- Rockwell, Edward A., Chicago, Ill. Power-brake construction. 1,929,517; Oct. 10.
- Rockwell, Edward A., Long Island City, N. Y. Carburetor supplying fuel pump. 1,932,676; Oct. 31.
- Rockwell, Edward A., Chicago, Ill. Input linkage control for power brake units. 1,936,175; Nov. 21.
- Rockwell, Edward A., Chicago, Ill. Power brake mechanism. 1,938,195; Dec. 5.
- Rockwell, Edward A., Chicago, Ill. Fuel pump. 1,938,403; Dec. 5.
- Rockwell, Edward A., assignor to Patent Engineering Corporation, Chicago, Ill. Speaker amplifier. 1,932,460; Oct. 31.
- Rockwell, Edward A., Chicago, Ill., assignor to Patent Engineering Corporation. Thermionic device. 1,932,677; Oct. 31.
- Rockwell, Edward A., and E. R. Evans, Chicago, Ill. Vehicle brake assembly. 1,930,662; Oct. 17.
- Rockwell, Edward A., and M. Garancher, Chicago, Ill. Power brake unit. 1,896,377; Feb. 7.
- Rockwell, George G., assignor to The Ball & Roller Bearing Company, Danbury, Conn. Bearing construction. 1,923,799; Aug. 22.
- Rockwell, Hugh M., New York, N. Y. Friction brake for vehicles and the like. 1,934,235; Nov. 7.
- Rockwell, Ronald J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Direct-current voltage transformation apparatus. Re18,971; Oct. 24.
- Rockwell, Ronald J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Direct-current voltage transformation apparatus. 1,920,150; July 25.
- Rockwell, Ronald J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Centering device for loud speaker cones. 1,939,922; Dec. 19.
- Rockwell, Ronald J., and A. F. Parkhurst, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Construction of loud speaker motors. 1,897,399; Feb. 14.
- Rockwell Silver Company, The. (See Schiffer, Edward H., assignor.)
- Rockwell, Willard F., Edgewood, Pa., assignor, by mesne assignments, to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle drive. 1,918,932; July 18.
- Rockwood, George I., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Locking member for sprinkler heads. 1,909,123; May 16.
- Rockwood, George I., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Fusible link. 1,934,279; Nov. 7.
- Rockwood Manufacturing Company. (See Hamerstadt, William D., assignor.)
- Rockwood Sprinkler Company. (See Howard, Clifton P., and Lofgren, assignors.)
- Rockwood Sprinkler Company of Massachusetts. (See Benson, Emil, assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Howard, Clifton P., assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Howard, C. P., and Carlson, assignors.)
- Rockwood Sprinkler Company of Massachusetts. (See Lofgren, Peter, assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Rockwood, George I., assignor.)
- Rockwood Sprinkler Company of Massachusetts. (See Russell, Robert H., assignor.)
- Rocquin, Camille J., New Orleans, La. Rake. 1,892,965; Jan. 3.
- Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Societe Anonyme Etablissements Ed. Jaeger, Levallois-Perret, Seine, France. Catch hinge. 1,913,899; June 13.
- Rodd, Ernest H. (See Birchall, R., and Rodd.)
- Rodd, Ernest H., Imperial, and F. L. Sharp, Huddersfield, assignors to Imperial Chemical Industries Limited, Westminster, England. Wool dye of the triphenylmethane series. 1,926,631; Sept. 12.
- Roddel, Edd, Parker, S. Dak. Cleaner for implement wheels. 1,924,626; Aug. 29.
- Rode, Friedrich J., Chicago, Ill. Sheet metal drawing press. 1,899,110; Feb. 28.
- Rode, Friedrich J., Chicago, Ill. Sheet metal drawing press. 1,899,111; Feb. 28.
- Rode, Frederick J., Chicago, Ill. Sheet metal drawing press. 1,918,784; July 18.
- Rode, Friedrich J., Oak Park, and R. W. Glasner, Chicago, Ill. Metal working press. 1,930,565; Oct. 17.
- Rode, Friedrich J., Chicago, Ill. Metal working press. 1,936,880; Nov. 28.
- Roden, John C. (See Spivey, Claud B., assignor.)
- Rodenkirchen, William F. (See Dyer, D. H., and Rodenkirchen.)

- Roder, Hans, Scotia, N. Y., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Elimination of key shocks. 1,921,859; Aug. 8.
- Roder, Hans, Schenectady, N. Y., assignor to General Electric Company. Coupling means. 1,936,438; Nov. 21.
- Roderick, Harry L., Oakland, Calif. Spring motor. 1,936,072; Nov. 21.
- Roderick, Thomas E., Bronx, N. Y. Hat protector. 1,901,987; Mar. 21.
- Rodewald, John, assignor to National Automatic Dishwasher Co., Ltd., Los Angeles, Calif. Dishwasher. 1,908,617; May 9.
- Roderwald, Rudolf, Berlin, Germany, assignor to The Dayton Roderwald Company, Dayton, Ohio. Driving mechanism for axle-driven train lighting dynamos. 1,911,531; May 30.
- Roderwald, Rudolf, Berlin, Germany, assignor to The Dayton Roderwald Company, Dayton, Ohio. Manufacturing endless V-belts. 1,911,532; May 30.
- Roderwald, Rudolf, Berlin, Germany, assignor to The Dayton Roderwald Company, Dayton, Ohio. Manufacturing toothed V-type belts of rubber impregnated cloth. 1,920,525; Aug. 1.
- Roderwald, Rudolf, Berlin, Germany, assignor to The Dayton Roderwald Company, Dayton, Ohio. Manufacturing V-type belts. 1,928,869; Oct. 3.
- Rodger Ballast Car Company. (See Neikirk, John O., assignor.)
- Rodgers, Fay T., Memphis, Tenn. Refrigerator display case. Des. 89,353; Feb. 28.
- Rodgers, George D., Jr., San Francisco, assignor of one-half to Leon W. Fay, Berkeley, Calif. door operating mechanism. 1,935,101; Nov. 14.
- Rodgers, James A., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor support. 1,901,474; Mar. 14.
- Rodgers, James P., assignor to Elliott Company, Pittsburgh, Pa. Tube cleaner. 1,900,130; Mar. 7.
- Rodgers, John P. (See Bollinger, C. A., and Rodgers.)
- Rodgers, John S., assignor to The Massey-Harris Co., Racine, Wis. Tractor. 1,928,136; Sept. 26.
- Rodgers, Leonard A. F., Detroit, Mich. Combination kit. 1,914,866; June 20.
- Rodgers, S. Edward. (See Wheeler, Arthur L., assignor.)
- Rodhe, Olof, Rahlstedt, Hamburg, Germany, assignor to Svenska Aktiebolaget Mono, Stockholm, Sweden. Apparatus for analyzing the gaseous content in liquids. 1,919,861; July 25.
- Roddie, Robert S., Kingston, N. Y. Automatic fuel control for boilers. 1,899,424; Feb. 28.
- Rodler, Hilmer F., Woodcliff, N. J., assignor to Oil Equipment Laboratories, Inc. Ignition device for oil burning apparatus. 1,931,083; Oct. 17.
- Rodman Chemical Company. (See Rodman, Hugh, assignor.)
- Rodman, Clarence J., and R. P. Dunmire, assignors to The Buckeye Twist Drill Company, Alliance, Ohio. Hydrocarbon mineral oil. 1,919,669; July 25.
- Rodman, Hugh, Oakmont, assignor to Rodman Chemical Company, Verona, Pa. Purifying water. 1,933,567; Nov. 7.
- Rodman, Jacob, Boston, assignor to J. Rodman, Roxbury, Mass. Photo enlarging and printing machine. 1,914,461; June 20.
- Rodman, Joseph. (See Rodman, Jacob, assignor.)
- Rodman, Thomas E., Glencoe, Ill. Racing game. 1,909,505; May 16.
- Rodney Hunt Machine Company. (See Simonds, Warren J., assignor.)
- Rodolause, Eloi, Saint-Antonin in Tarn-et-Garonne, France. Control and safety device for railways and tramways. 1,923,231; Aug. 22.
- Rodota, Giuseppe, San Francisco, Calif. Laundry tray. 1,936,310; Nov. 21.
- Rodriguez, Ramon, and G. Chavez, McNary, Ariz. Tire rim for pneumatic tires. 1,921,245; Aug. 8.
- Rodriguez, Juan P., assignor of one-half to G. W. Krick, Lake Worth, Fla. Propeller. 1,904,752; Apr. 18.
- Rodstein, Harry, and I. Nathanson, Brooklyn, N. Y. Footboard for a bedstead or similar article. Des. 89,537; Mar. 21.
- Rodstein, Harry, and I. Nathanson, Brooklyn, N. Y. Footboard for a bedstead or similar article. Des. 89,538; Mar. 21.
- Rodstein, Harry, and I. Nathanson, Brooklyn, N. Y. Footboard for a bedstead or similar article. Des. 89,539; Mar. 21.
- Rodstein, Harry, and I. Nathanson, Brooklyn, N. Y. Footboard for a bedstead or similar article. Des. 89,540; Mar. 21.
- Rodstein, Harry, and I. Nathanson, New York, N. Y. Footboard for a bedstead or similar article. Des. 89,719; Apr. 25.
- Roe, Alexander B., Athens, Ohio. Machine for putting wax carbon spots on paper. 1,938,861; Dec. 12.
- Roe, Arthur. (See Wilkinson, H., and Roe.)
- Roe, De Forest, Elyria, assignor to The Colson Company, Cleveland, Ohio. Buffer. 1,901,377; Mar. 14.
- Roe, De Forest, assignor to The Colson Company, Elyria, Ohio. Support for furniture. 1,912,728; June 6.
- Roe, Emil W. K., assignor to The Aldon Company, Chicago, Ill. Saw operating mechanism. 1,900,304; Mar. 7.
- Roe, Mayo E., Elyria, Ohio. Wheel. 1,938,862; Dec. 12.
- Roe, Ralph C., Englewood, assignor of one-half to S. W. Borden, Summit, N. J. Regulation. 1,898,020; Feb. 21.
- Roe, Ralph C., Englewood, assignor of one-half to S. W. Borden, Summit, N. J. Power plant. 1,932,484; Oct. 31.
- Roe, Ralph C., Englewood, assignor of one-half to S. W. Borden, Summit, N. J. Steam plant. 1,932,485; Oct. 31.
- Roe, Reginald C., et al. (See Smith, Ralph J., assignor.)
- Roe, William C., assignor to Telkor, Inc., Elyria, Ohio. Reed mechanism. 1,919,041; July 18.
- Roebel, Ludwig, Mannheim, Germany. Refrigeration apparatus. 1,934,145; Nov. 7.
- Roebel, Ludwig, Mannheim, Germany. Refrigeration apparatus. 1,934,146; Nov. 7.
- Roebel, Ludwig, Mannheim, Germany. Refrigeration apparatus. 1,934,147; Nov. 7.
- Roebel, Ludwig, Mannheim, Germany, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Circuit-breaking apparatus. 1,903,476; Apr. 11.
- Roebbling's, John A., Sons Company. (See Bellis, Alfred P. S., assignor.)
- Roebbling's, John A., Sons and Company. (See Clark, David W., assignor.)
- Roebbling's, John A., Sons Company. (See Craig, William E., assignor.)
- Roebbling's, John A., Sons Company. (See Green, R. D., and Morgan, assignors.)
- Roebbling's, John A., Sons Company. (See Johnston, Robert S., assignor.)
- Roebbling's, John A., Sons Company. (See Morgan, A. J., and Craig, assignors.)
- Roebbling's, John A., Sons Company. (See Sunderland, Charles C., assignor.)
- Roekner, Erich, Halle-on-the-Saale, and F. Zachoch, Unterbolingen, assignors to A. Riebeck'sche Montanwerke Aktiengesellschaft, Halle-on-the-Saale, Germany. Extraction of Montan wax. 1,898,976; Feb. 21.
- Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Hinge. 1,913,456; June 13.
- Roedding, Gordon E., assignor to Grand Rapids, Brass Company, Grand Rapids, Mich. Latch. 1,918,563; July 18.
- Roeder, Clyde A., Omaha, Nebr. Hydraulic brake for automobile engines. 1,899,294; Feb. 28.
- Roehl, Frank M., Minneapolis, Minn. Door holding device. 1,937,670; Dec. 5.
- Roehm, Erwin G. (See Nenninger, L. F., and Roehm.)
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,932,377; Oct. 24.
- Roehrich, Carl, Berlin, assignor to the firm Silfree Aktiengesellschaft, Vaduz, Germany. Manufacture of photographic pictures. 1,922,982; Aug. 15.
- Roehrich, Carl, Berlin, Germany, assignor to the firm Silfree Aktiengesellschaft (Silfree Limited), Vaduz, Lichtenstein. Manufacturing photosensitive bodies. 1,936,525; Nov. 21.
- Roehrl, Bruno C. (See Bornmann, C., and Roehrl.)
- Roell, Ernst. (See Mark, H. Dunkel, and Roell.)
- Roemer, Fritz. (See Kränzlein, G., Roemer, and Kronholz.)
- Roemer, George R., Brooklyn, N. Y. Sheet conveyer. 1,935,783; Nov. 21.
- Roemer, George R., assignor to Continental Steel Corporation, Kokomo, Ind. Apparatus for cleaning and coating wire fabric. 1,935,995; Nov. 21.
- Roemer, Ralph R., Cleveland, Ohio. Column clamp. 1,906,721; May 2.
- Roemer, Ralph R., Cleveland, Ohio. Construction shore. 1,922,747; Aug. 15.
- Roemer, Ralph R., Cleveland, Ohio. Construction shore. 1,922,748; Aug. 15.
- Roemer, Ralph R., Cleveland, Ohio. Construction shore. 1,935,377; Nov. 14.
- Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Slide-action firearm. 1,912,403; June 6.
- Roesch, Carl. (See Stoffel, O., Roesch, and Sudhaus.)
- Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company. Locomotive stoker. 1,897,510; Feb. 14.
- Roescher, William F., Philadelphia, Pa. Scullery tank and table. 1,897,713; Feb. 14.
- Roesen, Oscar C., Brooklyn, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web registering means. 1,896,375; Feb. 7.
- Roesen, Oscar C., Brooklyn, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Production controller. 1,924,624; Aug. 29.
- Roesen, Oscar C., Eastchester, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Press drive. 1,924,625; Aug. 29.
- Roesen, Oscar C., Eastchester, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web-roll-stopping device. 1,937,412; Nov. 28.
- Roesner, Gerhard. (See von Grisevald, C. B., Weidmann, and Roesner.)
- Roessler, Georg. (See Frankenburger, W., and Roessler.)
- Roessler and Hasslacher Chemical Company, The. (See Bond, Harlan A., assignor.)
- Roessler & Hasslacher Chemical Company. (See Cameron, Adrien, assignor.)
- Roessler & Hasslacher Chemical Company. (See Carlisle, Paul J., assignor.)

- Roessler & Hasslacher Chemical Company, The. (See Carlisle, P. J., and Dangelmajer, assignors.)
- Roessler & Hasslacher Chemical Company, The. (See Carlisle, P. J., and Ward, assignors.)
- Roessler and Hasslacher Chemical Company, The. (See Dobrovolsky, Frank J., assignor.)
- Roessler & Hasslacher Chemical Company, The. (See Harris, Charles E., assignor.)
- Roessner, William L., Denver, Colo. Thermoresponsive restraining device. 1,894,425; Jan. 17.
- Roessner, William L., Denver, Colo. Container for fire extinguishers. 1,924,882; Aug. 24.
- Roetering, Bernardus G., Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Sharpener for slicing machine knives. 1,907,585; May 8.
- Roetger, Hans. (See Schlecht, L., and Roetger.)
- Roethel, John H., Detroit, Mich. Window regulator. 1,931,738; Oct. 24.
- Roetken, Alfred A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring and indicating system. 1,919,803; July 25.
- Roff, Joseph K., assignor of one-third to W. L. Roff and one-third to A. Paul, Brooklyn, N. Y. Interchangeable blade screw driver. 1,935,748; Nov. 21.
- Roff, William L., et al. (See Roff, Joseph K., assignor.)
- Roffe, Leo H. (See Leun, A. V., and Roffe.)
- Rogalewski, Joseph, Nelson Township, Kent County, Mich. Bun cutting machine. 1,939,279; Dec. 12.
- Rogan, John J., Elmhurst, Long Island, N. Y., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrooptical system. 1,918,827; July 18.
- Rogatz, Henry, Amarillo, Tex. Apparatus for surveying drill holes. 1,901,567; Mar. 14.
- Rogers, Bird L., Farnsworth, Tex. Harvester thresher. 1,894,123; Jan. 10.
- Rogers, Cephas B., Danbury, Conn. Ceiling fixture. Des. 89,354; Feb. 28.
- Rogers, Charles A., L. J., and H. L., Albion, Pa. Heavy duty vehicle. 1,905,242; Apr. 25.
- Rogers, Clarence T., New York, N. Y. Doorcheck and control device therefor. 1,892,811; Jan. 3.
- Rogers, Clifford R. (See Baker, D. B., Rogers, and Panzerau.)
- Rogers, Donald G., Hamburg, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Production of nitro-sulphonic acids of polyhydroxyanthraquinones. 1,924,166; Aug. 29.
- Rogers, Donald G., Hamburg, and J. Ogilvie and J. H. Crowell, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Production of anthraquinone dyestuffs. 1,937,531; Dec. 5.
- Rogers, Earl B., assignor to Mid-West Forging Company, Chicago, Ill. Stand. 1,918,933; July 18.
- Rogers, Edmund. (See Werder, John F., assignor.)
- Rogers, Foreman A., Auburn, Ala. Game board. Des. 90,297; July 11.
- Rogers, Frank H., Ardmore, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Measuring apparatus. 1,927,503; Sept. 19.
- Rogers, George D., Louisville, Ky. Card holder. 1,916,639; July 4.
- Rogers, Gerald S., Pittsburgh, Pa. Coupling. 1,929,854; Oct. 10.
- Rogers, Gilbert E., United States Army, Rockaway, N. J. Container for ammunition. 1,935,669; Nov. 21.
- Rogers, Harold B., San Diego, Calif. Whirling toy. 1,915,868; June 27.
- Rogers, Harold G. (See Campbell, L. J., Ford, and Rogers.)
- Rogers, Harry R. (See Masterson, W. E., and Price, assignors.)
- Rogers, Harry R., Denver, Colo. Friction taper valve cutter and finisher. 1,893,637; Jan. 10.
- Rogers, Henry C. (See Rogers, Robert, assignor.)
- Rogers, Homer S., and R. Raddatz, assignors to Combustion Fuel Oil Burner Company, Milwaukee, Wis. Oil-burner apparatus. 1,925,571; Sept. 5.
- Rogers, Horace B., Norfolk, Va. Rotary receiver and packer. 1,908,791; May 16.
- Rogers, Horace K. (See Vobach, A. C., and Rogers.)
- Rogers, Hugh L. (See Rogers, Charles A., L. J., and H. L.)
- Rogers, Hugh L., Albion, Pa. Front-end lift and support for semitrailer vehicles. 1,929,756; Oct. 10.
- Rogers, James F., North Attleboro, Mass., assignor, by mesne assignments, to Art Metal Works, Inc., Newark, N. J. Pocket sprayer. 1,908,447; May 9.
- Rogers, John C. (See Doyle, F. W., and Rogers.)
- Rogers, John E., Elkhart, Ind. Gun trunk. 1,932,638; Oct. 31.
- Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 1,907,122; May 2.
- Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,910,566; May 23.
- Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 1,910,567; May 23.
- Rogers, Joseph F., and W. D. Doonan, Butte, Mont. Auxiliary spring for motor cars. 1,922,781; Aug. 15.
- Rogers, Justin T., Sandusky, assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting fixture. 1,909,124; May 16.
- Rogers, Lewis H., assignor to Knox Terpezone Company of America, New York, N. Y. Apparatus for the production of gaseous ozonides. 1,924,805; Aug. 29.
- Rogers, Linwood N. (See Martin, H. E., Elder, and Rogers.)
- Rogers, Lore A., Washington, D. C. (dedicated to the free use of the Public). Valve. 1,903,344; Apr. 4.
- Rogers, Louis J. (See Rogers, Charles A., L. J., and H. L.)
- Rogers, Louis J., Albion, Pa. Method of and apparatus for removing fumes from buildings. 1,905,243; Apr. 25.
- Rogers, Mack. (See Koch, W., and Rogers.)
- Rogers, Margaret, assignor of one-half to J. A. Sullivan, Cleveland Heights, Ohio. Flowerpot support. 1,914,617; June 20.
- Rogers, Mont D. (See Bach, Edward J., assignor.)
- Rogers, Paul H., Hartsville, S. C. Manufacture of paper-board. 1,901,378; Mar. 14.
- Rogers, Philip H., Rocky Mount, N. C. Spirit level. 1,920,892; Aug. 1.
- Rogers Products Company. (See Albertine, Herman, assignor.)
- Rogers Radio Tubes, Limited. (See Parker, Henry W., assignor.)
- Rogers, Reginald D. (See Andrews, C. W., and Rogers.)
- Rogers, Robert, assignor to H. C. Rogers, Dallas, Tex. Automatic water heater control valve. 1,905,949; Apr. 25.
- Rogers, Roland J. (See Bombard, J. A., and Rogers.)
- Rogers, Rowland G., Burlington, Iowa. Fruit jar holder. 1,906,887; May 2.
- Rogers, Thomas H. (See MacLaren, F. H., and Rogers.)
- Rogers, Thomas J., Minneapolis, Minn. Lighting airports. 1,897,768; Feb. 14.
- Rogers, W. D., et al. (See Hamilton, Victor N., assignor.)
- Rogers, Walter F., assignor to Crown Stove Works, Cicero, Ill. Stove. Des. 90,085; June 6.
- Rogers, Walter F., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Gas stove. 1,930,663; Oct. 17.
- Rogers, Will. (See Rash, A. Z., and Rogers.)
- Rogers, William C., Chicago, Ill. Safety razor. 1,934,148; Nov. 7.
- Rogers, William G., Waxahachie, Tex. Air cooling attachment for electric fans. 1,916,332; July 4.
- Rogers, William R., Westfield, N. J. Automatic stop control for sewing machines. 1,913,089; June 6.
- Rognon, Ernest, Paris, France. Exhaust silencer. 1,914,789; June 20.
- Rogow, Louis, Hartford, Conn. Clock case or similar article. Des. 90,746; Sept. 19.
- Rogowski, Walter, W. Grösser, and J. Peek, Aachen, Germany. Transmitting electric potentials. 1,927,755; Sept. 19.
- Roh, Nikolaus. (See Winter, C., and Roh.)
- Rohaut, Albert, Alfred, Me. Article of furniture. 1,897,590; Feb. 14.
- Rohde, Otto C., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug. 1,922,175; Aug. 15.
- Rohleder, Frederick, Vauxhall, N. J. Lathering device. 1,901,001; Mar. 14.
- Rohlfing, John M., Plainfield, N. J., assignor to American Car and Foundry Company, New York, N. Y. Portable electric tool. 1,894,634; Jan. 17.
- Rohlfing, John M., Plainfield, N. J., assignor to American Car and Foundry Company, New York, N. Y. Apparatus for welding. 1,917,901; July 11.
- Rohlfs, Harry C. (See Kienle, R. H., and Rohlfs.)
- Rohlfs, Harry C., Schenectady, N. Y., assignor to General Electric Company. Laminated glass. 1,899,588; Feb. 23.
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Apparatus for controlling rate of flow of a liquid. 1,905,244; Apr. 25.
- Rohlin, Victor A., assignor to Cochrane Corporation, Philadelphia, Pa. Apparatus for treating liquids. 1,914,166; June 13.
- Rohm & Haas Aktiengesellschaft. (See Bauer, Walter, assignor.)
- Rohm & Haas Aktiengesellschaft. (See Bauer, W., and Weisert, assignors.)
- Rohm & Haas Company. (See Bruson, Herman A., assignor.)
- Rohm & Haas Company. (See Del Plaine, Parker H., assignor.)
- Rohm & Haas Company. (See Helwig, Edward L., assignor.)
- Rohm & Haas Company. (See Neher, H. T., and Hollander, assignors.)
- Rohm & Haas Company. (See Rice, Francis O., assignor.)
- Rohm & Haas Company. (See Somerville, Ian C., assignor.)
- Rohm & Haas Company. (See Somerville, I. C., and Raterink, assignors.)
- Rohm & Haas Company. (See Tischler, Nathaniel, assignor.)
- Rohm & Haas Company. (See Willaman, J. J., and Kertesz, assignors.)
- Rohm, Otto, Darmstadt, Germany. Tanning solution. 1,930,910; Oct. 17.
- Rohn, Chester F., Whitefish Bay, and F. A. Rohn, Milwaukee, Wis. Shoe. 1,919,862; July 25.
- Rohn, Franklyn A. (See Rohn, Chester F. and F. A.)
- Rohn, Wilhelm, Hanau-on-the-Main, Germany. Water-cooled mold. 1,895,135; Jan. 24.
- Rohn, Wilhelm, Hanau-on-the-Main, Germany. Multihigh rolling mechanism. 1,903,724; Apr. 11.

- Rohn, Wilhelm, Hanau, assignor to Heraeus-Vacuum-schmelze A-G., Hanau-on-the-Main, Germany. Reducing metal oxides. 1,906,184; Apr. 25.
- Rohn, Wilhelm, assignor to Heraeus-Vacuum-schmelze A-G., Hanau-on-the-Main, Germany. Producing chromium. 1,915,243; June 20.
- Rohne, Even J., assignor to Waters-Genter Company, Minneapolis, Minn. Toaster. 1,900,737; Mar. 7.
- Rohour, Chris W., Connersville, Ind., assignor, by mesne assignments, to The Corcoran-Brown Lamp Co., Cincinnati, Ohio. Lamp socket. 1,932,534; Oct. 31.
- Rohrbach, Adolf, Berlin, Germany, assignor to Rohrbach Patents Corporation. Arrangement of engine on aircraft. 1,893,001; Jan. 3.
- Rohrbach, Adolf, Berlin, Germany, assignor to Rohrbach Patents Corporation. Flying boat. 1,893,908; Jan. 10.
- Rohrbach Patents Corporation. (See Rohrbach, Adolf, assignor.)
- Rohrbacher Lederfabrik Josef Poeschls Sohne A. G. (See Poeschl, Wilhelm and R., and Roth, assignors.)
- Rohrbeck, Fritz, St. Veit-on-the-Triesting, Austria. Method and device for polishing two-edged razor blades. 1,941,056; Dec. 26.
- Rohrich, Harold A., and L. D. Soubier, Alton, Ill., assignors to Owens-Illinois Glass Company. Mold. 1,894,243; Jan. 10.
- Rohrig, Charles H., Oelwein, Iowa. Bank protection device. 1,915,698; June 27.
- Rohrkaste, Charles W., Beaver Falls, Pa. Reflector for incandescent lamp bulbs. 1,897,822; Feb. 14.
- Rohrs, Winifred, and L. W. Breat, Los Angeles, Calif. Holder for edible article of food and confections. Des. 90,958; Oct. 31.
- Rohwedder, Henry, Newark, N. J. Pencil sharpener. 1,932,486; Oct. 31.
- Rohwedder, Otto F., Davenport, assignor, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Bread slicing machine. 1,935,996; Nov. 21.
- Rohwedder, Otto F., Davenport, Iowa, and H. F. Elliott, Cleveland, Ohio, assignors, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Rotary slicer. 1,937,248; Nov. 28.
- Roiban, Henry A., Greensburg, Pa. Vehicle wheel chock or block. 1,898,896; Feb. 21.
- Roka, Koloman, Konstanz, assignor, by mesne assignments, to Deutsche Gold- und Silber-Schildeanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Preparation of ketones from esters. 1,926,632; Sept. 12.
- Roka, Koloman, Konstanz, assignor, by mesne assignments, to Deutsch Gold und Silber Scheldeanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Catalytic apparatus. 1,936,118; Nov. 21.
- Rokos, Leo J., Philadelphia, Pa. Head lamp diffuser. 1,910,124; May 23.
- Rola Company, The. (See Engholm, Bernard A., assignor.)
- Roland, Jack R., assignor to Illinois Pacific Coast Company, San Francisco, Calif. Lining pad. 1,926,600; Sept. 12.
- Roland, Jack R., and H. J. Trauner, assignors to Illinois Pacific Coast Company, San Francisco, Calif. Egg carrier. 1,909,898; May 16.
- Rolfe, George B., Chiswick assignor to Evershed & Vignoldes Limited, London, England. Ohmmeter. 1,932,911; Oct. 31.
- Rolfs, Baltus, West Bend, Wis. Bill fold, cardcase and the like. 1,918,868; July 18.
- Rolfs, Eugene L., St. Louis, Mo., assignor to Johns-Manville Corporation, New York, N. Y. Pipe wrapping machine. 1,917,197; July 4.
- Rolfs, Inc. (See Wege, Philip, assignor.)
- Rolfson, Maude M., Portland, Oreg. Electric oven. 1,903,477; Apr. 11.
- Rolkerr, Wald G., Oakland, Calif. Parachute safety device. 1,929,005; Oct. 3.
- Roll, Edward E., assignor of one-half to H. Schmitt, Cleveland, Ohio. Producing a composition for decolorizing and purifying oils. 1,918,960; June 13.
- Rolland, Guy F., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Electric ignition device. Re18,837; May 23.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sheet metal container and head therefor. Re18,982; Oct. 24.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Head retainer for drums and the like. 1,903,010; Mar. 28.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sheet metal container and head therefor. 1,903,300; Apr. 4.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Dual container. 1,909,635; May 16.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sheet metal pail. 1,912,542; June 6.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Applying heads to metal drums. 1,914,867; June 20.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sheet metal container. 1,917,063; July 4.
- Rollason, Charles H., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Sheet metal pail. 1,938,353; Dec. 5.
- Roller, Franz, Stuttgart-Wangen, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Lubricating means. 1,920,714; Aug. 1.
- Roller, Lyman L. (See Haubert, Leo, assignor.)
- Rolling Process, Inc. (See Clapp, L. R., and James, assignors.)
- Rolling Process, Inc. (See Farmer, Richard O., assignor.)
- Rollings, Ernest J., Philadelphia, Pa. Turret punch. 1,940,883; Dec. 26.
- Rollings, Le Roy W., West Medford, and A. S. Johnson, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe and shank stiffener and attaching the latter. 1,936,955; Nov. 28.
- Rollins, Levy J., assignor of one-half to Pete D. Renfro, Beaumont, Texas. Pipe joint. 1,903,852; Apr. 18.
- Rolldor Manufacturing Company. (See Barbé, Edgar H., assignor.)
- Rolls Royce Limited. (See Royce, Frederick H., assignor.)
- Rollway Bearing Company Inc. (See Swart, Clarence A., assignor.)
- Rolot, Georges, Beaune, France. Automatically opening paint tube. 1,919,133; July 18.
- Roloway Manufacturing Company, The. (See Layne, Joseph W., assignor.)
- Rolph, John A. (See Hildebrand, David A., assignor.)
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Prismatic reflector. 1,914,819; June 20.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminair. 1,922,331; Aug. 15.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Holder for refractors. 1,941,109; Dec. 26.
- Rolph, William M., London, England. Pump for delivering measured quantities of liquid. 1,929,564; Oct. 10.
- Rolscreen Company. (See Dixon, Harry, assignor.)
- Rolstad, Melvin, Worthington, Minn. Lather mixer. 1,914,868; June 20.
- Rolston, William A., Francisco, Cuba. Temperature regulating and stirring device. 1,934,006; Nov. 7.
- Romain, Burchard F., South Orange, assignor to Weston Electric Instrument Corporation, Newark, N. J. Current indicator. 1,929,715; Oct. 10.
- Romaine, Willard. (See Neeninger, L. F., and Romaine.)
- Romaine, Millard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Machine tool. 1,938,784; Dec. 12.
- Romaine, Millard, and W. D. Archea, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machine. 1,914,167; June 13.
- Romaine, Millard, and W. D. Archea, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Milling machinery. 1,938,783; Dec. 12.
- Roman, Benjamin. (See Holtzman, John, assignor.)
- Roman, Joseph. (See Roman, Max and J.)
- Roman, Max and J., Brooklyn, N. Y. Combination clothes hanger and camphor holder. 1,911,208; May 30.
- Roman, Walter G., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical discharge device. 1,923,748; Aug. 22.
- Romane, Georges, St. Mande, France. Artificial fur. 1,939,136; Dec. 12.
- Romano, Eugene J., Seattle, Wash. Salvage apparatus. 1,940,326; Dec. 19.
- Romano, Michael. (See Cavanagh, John F., assignor.)
- Rombach, Fred W., Watertown, Pa. Spray. 1,926,651; Sept. 12.
- Rome Company, The. (See Barnard, Dean S., assignor.)
- Rome, Jacob, Philadelphia, Pa., assignor to The Allen-Sherman-Hoff Company. Nozzle oscillating means. 1,905,570; Apr. 25.
- Romera, Manuel, Castrovilla, assignor, by mesne assignments, of two-thirds to A. Pavan, San Francisco, Calif. Agricultural machine. 1,893,871; Jan. 10.
- Römhild, Edgar. (See Loewe, S., and Römhild.)
- Römhild, Edgar, Berlin, Germany. Electron valve with subdivision of the system supports affording heat protection. 1,931,831; Oct. 24.
- Romie, Karl T., Los Angeles, Calif. Concrete block molding machine. 1,921,003; Aug. 8.
- Romine, Henry E., Seymour, Ind. Infant glider. 1,906,768; May 2.
- Romine, Robert T., Mount Clemens, Mich. Method and apparatus for loading metal. 1,940,186; Dec. 19.
- Romnes, Haaken I., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube circuits. 1,917,064; July 4.
- Romp, Hendrik A., Soeban Djerig, Sumatra, Dutch East Indies. Apparatus for determining the specific gravity of gases and vapors. 1,937,437; Nov. 28.
- Rompler, Julius, Aktiengesellschaft. (See Baumgärtel, Max, assignor.)
- Ronaldson, Robert T., Beaumont, Tex., assignor to Up-starter Company. Starter for internal combustion motors. 1,922,865; Aug. 15.
- Ronan, Kenneth M., assignor to Stinson Aircraft Corporation, Wayne, Mich. Tail wheel assembly for aircraft. 1,937,596; Dec. 5.
- Ronay, Bela, Annapolis, Md., assignor to Metal & Thermit Corporation, Carteret, N. J. Pattern for rail welding molds. 1,895,232; Jan. 24.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,896,464; Feb. 7.

- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,907,123; May 2.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,912,404; June 6.
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glass working machine. 1,912,405; June 6.
- Ronci, Victor L., Brooklyn, N. Y., and C. Depew, Oakland, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 1,934,378; Nov. 7.
- Ronci, Victor L., Brooklyn, and A. I. Crawford, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 1,941,110; Dec. 26.
- Rondeau, Harry. (See La Motte, Henry, assignor.)
- Rondier, Georges, Paris, France. Compensated suspension device for vehicles. 1,928,545; Sept. 26.
- Ronk, George T., Cedar Rapids, Iowa. Steering mechanism for tractors. 1,897,180; Feb. 14.
- Ronk, George T., Cedar Rapids, Iowa. Excavator mechanism. 1,898,395; Feb. 21.
- Ronk, George T., Cedar Rapids, Iowa. Self-locking boom hoist. 1,904,930; Apr. 18.
- Ronk, George T., Cedar Rapids, Iowa. Combined road and rail truck. 1,937,532; Dec. 5.
- Rønne, Einar, Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Rotary kiln. 1,914,462; June 20.
- Ronning, Adolph, et al., executors. (See Ronning, Andread G.)
- Ronning, Andread G., deceased; A. and J. A. Ronning, Minneapolis, Minn., joint executors. Engine. 1,896,754; Feb. 7.
- Ronning, Henry O. (See Cullen, H. E., and Ronning.)
- Ronning, Jacob A., et al., executors. (See Ronning, Jacob A.)
- Ronstrom, Thomas A., Chicago, Ill. Tank water heater. 1,935,919; Nov. 21.
- Ronzzone, David B., Brooklyn, N. Y., assignor to Vacuum Packing Corporation, Salem, N. J. Filling, vacuumizing, sterilizing, and sealing machine. 1,893,716; Jan. 10.
- Ronzzone, David B., Brooklyn, N. Y., assignor to Vacuum Packing Corporation, Salem, N. J. Cap closure. 1,930,061; Oct. 10.
- Ronzoni, Angelo, New York, N. Y. Dough product. Des. 90,339; July 18.
- Ronzoni, Angelo, New York, N. Y. Dough product. Des. 90,509; Aug. 15.
- Ronzoni, Angelo, New York, N. Y. Macaroni. Des. 91,217; Dec. 19.
- Rood, Lynn C., J. F. Lane, and J. J. Frost, assignors to Charles Weinbagen & Company, St. Paul, Minn. Box making machine. 1,918,214; July 11.
- Rook, James H. (See Budlong, Robert D., assignor.)
- Rooke, George F., Detroit, Mich. Ticket selector. 1,926,062; Sept. 12.
- Rooker, William A., and V. E. Speas, assignors to Speas Mfg. Co., Kansas City, Mo. Food dressing and the like. 1,921,585; Aug. 8.
- Rooney, Thomas P., Fall River, Mass. Textile drafting means. 1,933,222; Oct. 31.
- Roope, Percy M. (See Richards, O. W., and Roope.)
- Roos, Adolph J., assignor to The Diebold Safe & Lock Company, Canton, Ohio. Protective structure. 1,898,396; Feb. 21.
- Roos, Axel H., Chico, Calif. Code key cutting machine. 1,923,164; Aug. 22.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Acoustic plaster. Re18,739; Feb. 14.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Acoustic corrective material. 1,901,057; Mar. 14.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 1,914,345; June 13.
- Roos, Carlisle K., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Fire-resistant wall and ceiling structure. 1,938,354; Dec. 5.
- Roos, Carlisle K., Wheaton, and R. Ericson, assignors to United States Gypsum Company, Chicago, Ill. Artificial gypsite. 1,932,120; Oct. 24.
- Roos, Delmar G., assignor to The Studebaker Corporation, South Bend, Ind. Vehicle spring suspension. 1,919,670; July 25.
- Roos, Delmar G., assignor to The Studebaker Corporation, South Bend, Ind. Fan. 1,921,042; Aug. 8.
- Roos, Edward, River Forest, Ill. Cedar chest. 1,896,829; Feb. 7.
- Roos, Edward, River Forest, Ill. Folding stand. 1,909,223; May 16.
- Roos, Edward, River Forest, Ill. Chest. 1,914,729; June 20.
- Roos, Hans, and E. Schwamberger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Removal of phenols from hydrocarbons. 1,934,007; Nov. 7.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for forming concrete floors. 1,902,893; Mar. 28.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for forming concrete floors. 1,902,899; Mar. 28.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for laying concrete floors. 1,907,877; May 9.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for forming concrete floors. 1,907,878; May 9.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for forming concrete floors. 1,929,287; Oct. 3.
- Roos, Henry W., Cincinnati, Ohio. Apparatus for laying concrete floors. 1,929,288; Oct. 3.
- Roos, John F., Lewistown, Idaho. Foot holder. 1,918,350; July 18.
- Roosa, Herbert H., Rochester, N. Y. Fabric envelope covered metal shank for shoes. 1,920,670; Aug. 1.
- Rosenstein, Haus O. (See Böhm, O., Bechmann, and Rosenstein.)
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Multiple range radio receiving system. 1,897,735; Feb. 14.
- Rosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation generator. 1,901,043; Mar. 14.
- Roossien, Elmer J., and G. V. Jakeway, assignors to Keeler Brass Company, Grand Rapids, Mich. Hood catch. 1,931,298; Oct. 17.
- Root, A. I., Company. (See Root, Huber H., assignor.)
- Root, B. M., Co. (See Wheeler, Lloyd G., assignor.)
- Root, Carl H., Detroit, Mich. Door handle. 1,910,125; May 23.
- Root, Charles S., Springfield, Mass. Compact. 1,892,736; Jan. 3.
- Root, Frank B., East Orange, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Wrinkle coating. 1,896,594; Feb. 7.
- Root, Frank B., East Orange, N. J., assignor to Chadeloid Chemical Company, New York, N. Y. Rugous coating composition and making same. 1,900,131; Mar. 7.
- Root, Huber H., assignor to A. I. Root Company, Medina, Ohio. Candle and making same. 1,937,393; Nov. 28.
- Root Manufacturing Company, The. (See Root, Ralph R., assignor.)
- Root, Ralph R., Lakewood, assignor to The Root Manufacturing Company, Cleveland, Ohio. Duster. 1,911,927; May 30.
- Root Spring Scraper Company. (See Weeks, Ernest A., assignor.)
- Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
- Roper, Geo. D., Corporation. (See Hollman, Peter I., assignor.)
- Roper, James D., et al. (See Sprague, Joseph J. and E. W., assignors.)
- Roper & Wrecks Limited. (See Stanley, George E., assignor.)
- Rorabeck, Claude, Chicago Heights, Ill. Steering construction for tractor units. 1,918,564; July 18.
- Rorabeck, Claude, Chicago Heights, Ill. Hollow tooth sprocket wheel. 1,934,819; Nov. 14.
- Rorabeck, Claude, Chicago Heights, Ill. Tractor link. 1,934,820; Nov. 14.
- Rorty, Malcolm C. (See le Bos d'Espinoy, Charles, assignor.)
- Rosat, Charles, deceased, by Rose-Lucy Rosat, née Bôle, administratrix, Boudry, Switzerland, and A. T. Hammarstrand, Djursholm, Sweden. Coin insertion saving device in clocks, counters, and like motion works. 1,924,000; Aug. 22.
- Rosat, Rose-Lucy, née Bôle, administratrix. (See Rosat, C., and Hammarstrand.)
- Rosatelli, Celestino, assignor to Fiat Società Anonima, Turin, Italy. Aircraft door. 1,896,203; Feb. 7.
- Rosborough, William McL., Charlotte, N. C. Manufacturing castellated or slotted nuts or the like. 1,925,153; Sept. 5.
- Rösch, Georg, Cologne-Mulheim-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 1,911,714; May 30.
- Rosco Manufacturing Company, The. (See Cederstrom, Harold A., assignor.)
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Flush type guide rod. 1,918,428; July 18.
- Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Label holder. 1,940,512; Dec. 19.
- Rose, Albert L. (See Tarter, M. G., and Rosc.)
- Rose, Albert L., assignor to M. Tarter, Palm Springs, Calif. Fruit pitting machine. 1,939,923; Dec. 19.
- Rose, Alexander D., assignor, by mesne assignments, to Jas. P. Marsh Corporation, Chicago, Ill. Combined trap and pressure equalizing device. 1,910,060; May 23.
- Rose, Alfred G., assignor to Rose Brothers, Gainsborough (Limited) Limited, Gainsborough, England. Apparatus for cutting strips or bars of material into separate portions. 1,895,048; Jan. 24.
- Rose, Alfred G., Lincoln, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for molding caramels and like cut-up plastic material. 1,938,355; Dec. 5.
- Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
- Rose, Bruce E., Porterville, Calif. Offset harrow. 1,895,136; Jan. 24.
- Rose, Bruce E., Porterville, Calif. Offset harrow. 1,924,416; Aug. 29.

- Rose, Charles A., Cranford, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Electrolytic refining of brass. 1,920,819; Aug. 1.
- Rose, Charles A., Cranford, and B. M. O'Hara, Westfield, N. J., assignors to American Smelting & Refining Company, New York, N. Y. Refining of brass. 1,920,820; Aug. 1.
- Rose, Clarence C., assignor to Willard Storage Battery Company, Cleveland, Ohio. Purification of battery acid. 1,898,688; Feb. 21.
- Rose, Earnest P., Farmingdale, assignor to Brooklyn Standard Bag Company, Brooklyn, N. Y. Shopping bag. 1,910,449; May 23.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Rectilinear electromagnetic motor. 1,893,377; Jan. 3.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Electromagnetic motor. 1,909,426; May 16.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Translating electromagnetic motor. 1,910,638; May 23.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Rectilinear electromagnetic motor. 1,910,639; May 23.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Rectilinear induction motor. 1,916,491; July 4.
- Rose, Edwin L., Cambridge, Mass., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Rectilinear induction motor. 1,929,990; Oct. 10.
- Rose, George E., and J. H. Dillon, Chicago, Ill. Open hearth furnace port construction. 1,926,351; Sept. 12.
- Rose, Gustaf A., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Imitating wood graining. 1,902,522; Mar. 21.
- Rose, Harold J., Penn Township, Allegheny County, Pa., and W. H. Hill, New York, N. Y., assignors to The Koppers Company of Delaware. Treating coal with oil. 1,905,060; Apr. 25.
- Rose, Harold J., Penn Township, Allegheny County, Pa., and W. H. Hill, New York, N. Y., assignors to The Koppers Company of Delaware. Impregnated product and manufacture. 1,916,333; July 4.
- Rose, Harold J., Penn Township, Allegheny County, and W. H. Hill, assignors to The Koppers Company, Pittsburgh, Pa. Coal treatment process. 1,925,005; Aug. 29.
- Rose, Harold J., Penn Township, Allegheny County, Pa., and W. H. Hill, New York, N. Y., assignors to The Koppers Company of Delaware. Treating coal. 1,932,535; Oct. 31.
- Rose, Harold J., Penn Township, Allegheny County, Pa., and W. H. Hill, Arlington, N. J., assignors to The Koppers Company of Delaware. Carbonization of carbonaceous materials. 1,936,881; Nov. 28.
- Rose, Harold J., Penn Township, Pa., and W. H. Hill, Arlington, N. J., assignors to The Koppers Company of Delaware. Treatment of coal. 1,936,882; Nov. 28.
- Rose, Joseph P., Jr., Wellfleet, Mass. Machine for making cement blocks. 1,902,523; Mar. 21.
- Rose, Ralph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid serving apparatus. Des. 90,052; May 30.
- Rose, Reed P., Jackson Heights, N. Y., assignor to The Mechanical Rubber Company, Cleveland, Ohio. Seamless diaphragm. 1,927,902; Sept. 23.
- Rose, Toulon N., Grantwood, N. J. Drill pull. 1,929,332; Oct. 3.
- Rose, William E., San Diego, Calif. Deep-well turbine pump. 1,929,077; Oct. 3.
- Rose, William H., Jersey City, N. J. Powder spraying device. 1,911,972; May 30.
- Rose, William H., Jersey City, N. J. Liquid pervious container attachment. 1,939,612; Dec. 12.
- Rose, William H. T. R., Chester, England. Photographic printing apparatus. 1,894,004; Jan. 10.
- Rose, William H. T. R., Chester, England. Photographic printing apparatus. 1,894,005; Jan. 10.
- Rosebrook, Guy L., Roselle Park, N. J., assignor to The J. G. Brill Company, Philadelphia, Pa. Service building. Des. 89,355; Feb. 28.
- Rosebrook, Guy L., Roselle Park, N. J., assignor to The J. G. Brill Company, Philadelphia, Pa. Service building. Des. 89,356; Feb. 28.
- Roseby, Philip N., assignor to Automatic Electric Company Limited, Liverpool, England. Magnet core. 1,932,639; Oct. 31.
- Roselle, Walter A., New York, N. Y. Valve construction for containers. 1,901,413; Mar. 14.
- Roselle, Walter A., New York, N. Y. Collapsible tube closure. 1,929,794; Oct. 10.
- Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Liquid gun. 1,900,663; Mar. 7.
- Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Hose connection. 1,914,730; June 20.
- Roseman, Leo, Newark, N. J. Method of and apparatus for making book and eye tape. 1,899,902; Feb. 28.
- Roseman, Leo, Newark, N. J. Machine for sewing fastener tape and the like. 1,905,504; Apr. 25.
- Roseman, Leo, Newark, N. J. Sewing mechanism for stitching over fastener devices. 1,907,674; May 9.
- Roseman, Leo, Newark, N. J. Automatic feed for hook fasteners. 1,924,569; Aug. 29.
- Roseman, Leo, Newark, N. J. Automatic stop mechanism for sewing machines. 1,939,464; Dec. 12.
- Roseman, Leo, Newark, N. J. Garment fastener tape. 1,939,465; Dec. 12.
- Rosen, Harold M., Muskegon, Mich. Lubricant. 1,920,161; July 25.
- Rosen, Jessel. (See Parsons, C. A., and Rosen.)
- Rosen, Louis, Brooklyn, N. Y. Cigarette ejector. 1,940,103; Dec. 19.
- Rosen, Shy, Bloomington, assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Package forming method. 1,900,953; Mar. 14.
- Rosen, Shy, Bloomington, assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Container. 1,907,675; May 9.
- Rosen, Shy, Chicago, Ill., assignor to Milprint Products Corporation, Milwaukee, Wis. Package. 1,929,217; Oct. 3.
- Rosen, Shy, Chicago, Ill., assignor to Milprint Products Corporation, Milwaukee, Wis. Package. 1,933,516; Oct. 31.
- Rosenau, William A. (See Fischer, J. J., Zorn, and Harris, assignors.)
- Rosenbach, Johann. (See Zerweck, W., Schütz, Carl, and Rosenbach.)
- Rosenbach, Johann, Wiesbaden and W. Lassmann, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series and preparing them. 1,934,771; Nov. 14.
- Rosenbaum, Bedřich, assignor to the firm Prager Eisen-Industrie-Gesellschaft, Prague, Czechoslovakia. Nut lock. 1,928,982; Oct. 3.
- Rosenbaum, Hugo, assignor to General Electric Company. Beacon or searchlight. 1,935,729; Nov. 21.
- Rosenbaum, Ike, Mount Vernon, Ind. Spectacle temple fastening device. 1,924,001; Aug. 22.
- Rosenbaum, Josef, Gelsenkirchen, Germany. Machine for working wheel, roller, and like blanks. 1,924,962; Aug. 29.
- Rosenbaum, Lester F., Kalamazoo, Mich. Trousers. 1,897,623; Feb. 14.
- Rosenbaum, Rudolph R., Chicago, Ill. Dry-cleaning machine. 1,925,462; Sept. 5.
- Rosenberg, Adolph H., assignor to Universal Match Corporation, St. Louis, Mo. Match-book package and packaging. 1,906,722; May 2.
- Rosenberg, David H., New York, N. Y. Bracket for curtain rods. 1,924,291; Aug. 29.
- Rosenberg, Edmund, Brunn, Czechoslovakia. Control means for fare indicators. 1,892,905; Jan. 3.
- Rosenberg, Edward N., assignor to The National Super Service Company, Toledo, Ohio. Suction machine. 1,923,689; Aug. 22.
- Rosenberg, Edwin C., Milwaukee, Wis. Oil collector. 1,906,420; May 2.
- Rosenberg, Emanuel, Weiz, Austria. Regulating pole for electric machines. 1,895,049; Jan. 24.
- Rosenberg, Heyman. (See Hahn, Oskar, assignor.)
- Rosenberg, Heyman, New York, N. Y. Heat treating apparatus for metal work. 1,904,838; Apr. 18.
- Rosenberg, Heyman, New York, N. Y. Fastener. 1,912,099; May 30.
- Rosenberg, Heyman, New York, N. Y. Anchorage device. 1,912,100; May 30.
- Rosenberg, Heyman, New York, N. Y. Fastener. 1,912,222; May 30.
- Rosenberg, Heyman, New York, N. Y. Heat treating apparatus for metal work. 1,913,090; June 6.
- Rosenberg, Heyman, New York, N. Y. Heat treating apparatus for metal work. 1,913,091; June 6.
- Rosenberg, Heyman, New York, N. Y. Heat treating apparatus for metal work. 1,913,092; June 6.
- Rosenberg, Heyman, New York, N. Y. Apparatus for treating and handling work. 1,917,547; July 11.
- Rosenberg, Heyman, New York, N. Y. Apparatus for treating articles of work. 1,918,136; July 11.
- Rosenberg, Heyman, New York, N. Y. Damper. 1,919,863; July 25.
- Rosenberg, Heyman, New York, N. Y. Lock washer. 1,926,917; Sept. 12.
- Rosenberg, Heyman, New York, N. Y. Drier. 1,934,149; Nov. 7.
- Rosenberg, Ignaz, Berlin, Germany, assignor to the Firm "Edeleann" Gesellschaft m. beschränkter Haftung. Treatment of mineral oils with liquid sulphur dioxide. 1,908,646; May 9.
- Rosenberg, Joseph, New York, N. Y. Mirrored glass bow pin for wearing apparel. Des. 90,452; Aug. 8.
- Rosenberg, Paul, Berlin, assignor to W. Rosenberg, Berlin, Pankow, Germany. Flash light. 1,902,377; Mar. 21.
- Rosenberg, Ralph H., Syracuse, N. Y., assignor to American Cable Company, Inc. Equalized disk brake. 1,895,772; Jan. 31.
- Rosenberg, Ralph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Assembling metal members with rubber bushings. 1,904,931; Apr. 18.
- Rosenberg, Ralph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Gear. 1,928,763; Oct. 3.
- Rosenberg, Ralph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Universal joint. 1,940,884; Dec. 26.

- Rosenberg, Ralph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Method of and apparatus for assembling universal joints. 1,940,885; Dec. 26.
- Rosenberg, Ralph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Universal joint. 1,940,886; Dec. 26.
- Rosenberg, Sander, and A. Klemin, New York, N. Y. Rotary airfoil. 1,922,866; Aug. 15.
- Rosenberg, Solomon, Los Angeles, Calif. Garment hanger. 1,893,508; Jan. 10.
- Rosenberg, Solomon, Brooklyn, N. Y. Partition crate or box construction. 1,919,042; July 18.
- Rosenberg, Walter. (See Rosenberg, Paul, assignor.)
- Rosenberger, Konrad. (See Specketer, H., Rossteutscher, and Rosenberg.)
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Sand blast tank apparatus. 1,899,528; Feb. 28.
- Rosenblad, Curt, Stockholm, Sweden. Regulating the heat effect in apparatus heated indirectly with steam. 1,916,073; June 27.
- Rosenblad, Curt F. (See Linderoth, E., and Rosenblad.)
- Rosenblatt, Maurice C., Philadelphia, Pa. Building construction. 1,912,161; May 30.
- Rosenblatt, Nathan, assignor to National Service Corporation, Tampa, Fla. Merchandise display apparatus. 1,911,467; May 30.
- Rosenblueth, Emilio, Mexico, Mexico. Closure for metallic barrels or containers. 1,903,012; Mar. 28.
- Rosenblueth, Emilio, Mexico, Mexico, assignor, by mesne assignments, to A. Gusmer, Inc., Woodbridge, N. J. Closure for metal containers. 1,903,011; Mar. 28.
- Rosenblum, Annette. (See Rosenblum, Morris and A.)
- Rosenblum, Ike, Jersey City, N. J. Slipper or the like. 1,915,335; June 27.
- Rosenblum, Israel, Jackson Heights, N. Y. Producing resin esters. 1,923,507; Aug. 22.
- Rosenblum, Israel, Jackson Heights, N. Y. Synthetic resin and producing same. 1,937,533; Dec. 5.
- Rosenblum, Morris, and A. Rosenblum, Brooklyn, N. Y. Floor construction. 1,927,557; Sept. 19.
- Rosenburgh, Durwood D., assignor to Taylor Instrument Companies, Rochester, N. Y. Indicating device. 1,912,729; June 6.
- Rosencrants, Fay H. (See Patterson, W. S., and Rosencrants.)
- Rosendahl, Harold R., assignor to Waters-Genter Company, Minneapolis, Minn. Drawer closure. 1,906,723; May 2.
- Rosener, Leland S., assignor to The Paraffine Companies, Inc., San Francisco, Calif. Printing block aligner. 1,908,543; May 9.
- Rosener, Leland S., assignor, by mesne assignments, to Fibreboard Products Inc., San Francisco, Calif. Slitting machine. 1,937,360; Nov. 28.
- Rosener, Leland S., San Francisco, and W. H. Nutting, Piedmont, assignors to Paraffine Companies, Inc., San Francisco, Calif. Shears. 1,908,448; May 9.
- Rosenfeld, Raphael S., Brooklyn, N. Y. Timed defrosting mechanism. 1,926,652; Sept. 12.
- Rosenfield, Jacob L. (See Frederick, Joseph M., assignor.)
- Rosenhagen, Victor, Bellevue, Ky., assignor to The Brees Brothers Company, Cincinnati, Ohio. Vacuum condensation system. 1,919,306; July 25.
- Rosenhouse, Samuel, Brooklyn, N. Y. Woman's coverall garment or similar article. Des. 90,127; June 13.
- Rosenkranz, Max, Library, Pa., assignor to National Tube Company. Pipe welding apparatus. 1,895,732; Jan. 31.
- Rosenkranz, Max, Bethel Township, Pa., assignor to National Tube Company. Pipe table. 1,919,394; July 25.
- Rosenmerkle, John C., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. Des. 90,928; Oct. 24.
- Rosenmund, Alfred L., Rockaway Borough, N. J., assignor to Stapling Machine Co. Boxes and crates. 1,933,029; Oct. 31.
- Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box and crate. 1,933,030; Oct. 31.
- Rosenmund, Alfred L., Rockaway Borough, N. J., assignor to Stapling Machines Co. Machine for use in making boxes. 1,933,031; Oct. 31.
- Rosenmund, Karl W., Kiel, Germany. Manufacture of N,N-diacyl-compounds of ethylene-diamine and its derivatives. 1,926,014; Sept. 5.
- Rosenmund, Karl W., Kiel, Germany. Manufacture of mono-acylated ethylene-diamine and its derivatives. 1,926,015; Sept. 5.
- Rosenow, Edward C., Rochester, Minn. Float and safety valve. Re18,788; Apr. 4.
- Rosenow, Edward C., Rochester, Minn. Humidifying device. Re18,934; Sept. 5.
- Rosenow, Edward C., Rochester, Minn. Radiator structure with humidifier. 1,909,189; May 16.
- Rosenow, Milton C., Wilmette, and A. L. Jenks, assignors to Grigsby-Grunow Company, Chicago, Ill. Radiocabinet. Des. 90,680; Sept. 12.
- Rosenvist, Gunnar, Pittsburgh, Pa. Metal heat radiator. 1,909,552; May 16.
- Rosenvist, Gunnar, Pittsburgh, Pa. Mold for articles of galvanoplastic material. 1,931,084; Oct. 17.
- Rosenstein, Ludwig, San Francisco, Calif. Process of refining. 1,900,132; Mar. 7.
- Rosenstein, Ludwig, and W. J. Hund, San Francisco, Calif. Motor fuel. 1,906,724; May 2.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Tertiary xanthate flotation process. 1,903,140; Mar. 28.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Production of ammonium sulphate. 1,928,266; Sept. 26.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Recovery of free chlorine from chlorides. 1,930,664; Oct. 17.
- Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Production and treatment of nitrates. 1,932,939; Oct. 31.
- Rosenstein, Ludwig, and W. J. Hund, assignors to Shell Development Company, San Francisco, Calif. Motor fuel. 1,920,766; Aug. 1.
- Rosenthal, Abraham, Brooklyn, N. Y. Extension cord. 1,937,981; Dec. 5.
- Rosenthal, August, assignor to Rosenthal Corn Husker Co., West Allis, Wis. Corn husker. 1,917,996; July 11.
- Rosenthal, Benjamin, assignor to R. Stuart, New York, N. Y. Display device. 1,912,041; May 30.
- Rosenthal, Carl, et al. (See Righetti, Homer, assignor.)
- Rosenthal China Corporation, The. (See Wesp, George, assignor.)
- Rosenthal Corn Husker Co. (See Rosenthal, August, assignor.)
- Rosenthal, Henry, assignor to Columbia Engineering & Management Corporation, New York, N. Y. Producing propylene. 1,939,084; Dec. 12.
- Rosenthal, Herman, Ansonia, Conn. Food chopper. 1,940,327; Dec. 19.
- Rosenthal, Jack, Brooklyn, N. Y. Magazine pencil. 1,898,598; Feb. 21.
- Rosenthal, Joseph J. (See Lebel, Louis, assignor.)
- Rosenthal, Lazar, Brooklyn, N. Y., assignor to Mead Johnson & Company, Evansville, Ind. Producing infants' food. 1,935,890; Nov. 21.
- Rosenthal, Leo. (See Dörr, E., Leuchs, and Rosenthal.)
- Rosenthal, Leon W., New York, N. Y. Brake for toy electric railways. 1,909,899; May 16.
- Rosenthal, Leon W., New York, N. Y. Sectional toy railway layout. 1,911,240; May 30.
- Rosenthal, Leon W., New York, N. Y. Toy electric railway. 1,911,241; May 30.
- Rosenthal, Leon W., New York, N. Y. Mount for toy railway units. 1,911,242; May 30.
- Rosenthal, Leon W., New York, N. Y. Control panel for toy electric railways. 1,911,243; May 30.
- Rosenthal, Leon W., New York, N. Y. Rail connector for toy railways. 1,914,168; June 13.
- Rosenthal, Leon W., New York, N. Y. Track connector for toy electric railways. 1,914,531; June 20.
- Rosenthal, Morris G., Cleveland, Ohio. Feeding machine for printing presses. 1,908,921; May 16.
- Rosenthal, Sidney, Cedarhurst, N. Y. Buckle. Des. 90,453; Aug. 8.
- Rosenthal, Sidney, Cedarhurst, N. Y. Clasp. Des. 90,454; Aug. 8.
- Rosenthal, Sidney, Cedarhurst, N. Y. Button. Des. 90,681; Sept. 12.
- Rosenthal, Sidney, Cedarhurst, N. Y. Button. Des. 90,682; Sept. 12.
- Rosenthal, Sidney, Cedarhurst, assignor to B. Blumenthal & Co., Inc., New York, N. Y. Buckle. Des. 89,286; Feb. 14.
- Rosenthal, William C., and N. O. Panzegrav, Chicago, Ill., assignors to International Harvester Company. Track frame stabilizer for track-laying tractors. 1,932,121; Oct. 24.
- Rosenwald, Emma. (See Rosenwald, Lucian, assignor.)
- Rosenwald, Harry, Sioux Falls, S. Dak. Sash lift and stop. 1,911,469; May 30.
- Rosenwald, Isidor, Parksville, assignor of one-third to M. Belous, Brooklyn, and one-tenth to B. Kirschstein, New York, N. Y. Briquette and binder for the same. 1,924,457; Aug. 29.
- Rosenwald, Lucian, assignor to Emma Rosenwald, Kansas City, Mo. Flower holder. 1,918,785; July 18.
- Rosenzweig, Fred M. (See Shaver, A. G., and Rosenzweig.)
- Roser, Edmund, Bochum, Germany. Radiator. 1,908,559; May 9.
- Roshnell, Frank E., Los Angeles, Calif. Portable camera stand. 1,915,802; June 27.
- Roshong, Roy G. (See Kitto, W. H., and Roshong.)
- Rosier, Charles A., Bronx, N. Y. Internal combustion engine. 1,893,682; Jan. 10.
- Rosin, Paul, Dresden, Germany. Process and apparatus for the combined pneumatic preliminary drying and pneumatic subsequent heating of goods. 1,927,596; Sept. 19.
- Rosino, Gilbert G., Sandusky, Ohio. Controller for automobile heaters. 1,909,870; May 16.
- Rosinsky, Walter. (See Galle, E., Rosinsky, and Hoffmann.)
- Roskin, Mauricio, and J. Dayenoff, Buenos Aires, Argentina. Combination of automatic weighing scales and sales apparatus. 1,916,074; June 27.
- Rösler, Richard E., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Cutting apparatus for cigarette making machines. 1,914,756; June 20.
- Rösler, Richard E., assignor to Universelle Cigarettenmaschinenfabrik J. C. Müller & Co., Dresden, Germany. Paper guiding in cigarette rod machines. 1,925,606; Sept. 5.

- Rosmait, John A., Manistee, Mich. Multiple wall water-proof bag. 1,922,867; Aug. 15.
- Rosmait, John A., Manistee, assignor to Filer Fibre Company, Filer City, Mich. Paper bag and closure therefor. 1,920,320; Aug. 1.
- Rosmait, John A., Manistee, assignor to Filer Fibre Company, Filer City, Mich. Paper bag and closure therefor. 1,920,321; Aug. 1.
- Rosmait, John A., Manistee, assignor to Filer Fibre Company, Filer City, Mich. Paper bag. 1,920,322; Aug. 1.
- Rosmait, John A., assignor of one-half to P. P. Schnorrbach, Manistee, Mich. Match container. 1,930,109; Oct. 10.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Flexible cable. 1,911,470; May 30.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Conduit. 1,915,003; June 20.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,919,531; July 25.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Manufacture of brake linings. 1,932,912; Oct. 31.
- Rosner, Adolph, assignor to Bendix Brake Company, South Bend, Ind. Cable fitting. 1,937,717; Dec. 5.
- Rosner, Adolph, Rockton, assignor to Fairbanks, Morse & Co., Chicago, Ill. Air induction means for internal combustion engines. 1,922,640; Aug. 15.
- Ross, Allan K., Rochester, N. Y. Amplifier system. 1,926,860; Sept. 12.
- Ross, Arthur, Lynbrook, assignor to Warner Bros. Pictures, Inc., New York, N. Y. Electric circuit control. 1,903,069; Mar. 28.
- Ross, Aubrey A., Marblehead, Mass., assignor to General Electric Company. Manufacturing metallic gear wheels. 1,908,187; May 9.
- Ross, Charles, Marquette, assignor of one-half to George E. Koski, Gwinn, Mich. Saw jointer. 1,913,614; June 13.
- Ross, Charles F., Garrett, Ind. Spring device. 1,931,708; Oct. 24.
- Ross, Charles H. A. F. L., Washington, D. C. Fluid reactive surface. Re18,853; May 30.
- Ross, David E., assignor to Rostone, Incorporated, Lafayette, Ind. Window sash operating device. 1,923,233; Aug. 22.
- Ross, David E., assignor to Purdue Research Foundation, La Fayette, Ind. Traffic lane marker. 1,927,756; Sept. 19.
- Ross, David E., and G. S. Meikle, assignors to Purdue Research Foundation, La Fayette, Ind. Traffic lane marker. 1,927,757; Sept. 19.
- Ross, Donald W., Joliet, Ill. Milk strainer. 1,911,715; May 30.
- Ross, Edward, Lawrence, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 1,905,000; Apr. 25.
- Ross, Elliott P. (See Ford, H. C., and Ross.)
- Ross, Elmer F., et al. (See Thomas, Jack L., assignor.)
- Ross, Fay E., Milan, Mich. Furnace. 1,907,367; May 2.
- Ross, Frederick N. (See Brintnall, F. W., and Ross.)
- Ross, Frederick N., Detroit, Mich. Air circulator. Des. 89,212; Feb. 7.
- Ross, Frederick N., Detroit, Mich., assignor to Patent Button Company, Waterbury, Conn. Machine and method for sewing buttons onto fabric or the like. 1,903,268; Mar. 28.
- Ross, Frederick N., assignor, by mesne assignments, to Briggs Manufacturing Company, Detroit, Mich. Adjustable main conveyor. 1,903,478; Apr. 11.
- Ross, Frederick N., Detroit, Mich., and F. R. White, assignors to The Patent Button Co., Waterbury, Conn. Machine for attaching buttons. 1,903,269; Mar. 28.
- Ross, Frederick N., and B. F. Everitt, assignors to Briggs Manufacturing Company, Detroit, Mich. Cloth forming mechanism. 1,924,257; Aug. 29.
- Ross, Frederick N., Grosse Pointe Park, and H. L. Johnson, assignors to Briggs Manufacturing Company, Detroit, Mich. Method of and machine for manufacturing upholstery. 1,924,258; Aug. 29.
- Ross Heater & Manufacturing Company. (See Tinker, T., and Graham, assignors.)
- Ross, Hugh G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Capacitor motor. 1,916,389; July 4.
- Ross, Hugh M., Richmond Hill, N. Y., assignor, by mesne assignments, to Brown Cork & Seal Company, Inc., Baltimore, Md. Conveyor for bottle sealing and filling mechanism. 1,913,001; June 6.
- Ross, J. O., Engineering Corporation. (See Wagner, Charles L., assignor.)
- Ross, J. O., Engineering Corporation. (See Wagner, C. L., and Freeman, assignors.)
- Ross, James. (See Clapper, Jos., and Ross.)
- Ross, James C., Los Angeles, Calif. Sterilizing apparatus. 1,896,379; Feb. 7.
- Ross, James H., jr., Montreal, Quebec, Canada. Making chemical pulp. 1,922,262; Aug. 15.
- Ross, John F. (See Crabtree, J. I., and Ross.)
- Ross, Julius. (See Schuelke, E. A., and Ross.)
- Ross, Lester T., assignor to The Burch Corporation, Crestline, Ohio. Snowplow. 1,930,862; Oct. 17.
- Ross, Louis, Brooklyn, assignor to Beatrice R. Somach, New York, N. Y. Folding box. 1,894,226; Jan. 10.
- Ross Manufacturing Company. (See Ryan, James C., assignor.)
- Ross, Oscar A., New York, N. Y. Paper fastener. 1,908,644; May 9.
- Ross, Oscar A., New York, N. Y. Propulsion axle for motor vehicles. 1,919,344; July 25.
- Ross, Oscar A., New York, N. Y. System for exhibiting sound motion pictures. 1,929,518; Oct. 10.
- Ross, Oscar A., New York, N. Y. System for producing sound motion pictures. 1,929,519; Oct. 10.
- Ross, Oscar A., New York, N. Y. Heating system for liquid circulating cooling systems. 1,933,761; Nov. 7.
- Ross, Oscar A., New York, N. Y. Paper fastener. 1,933,762; Nov. 7.
- Ross, Oscar A., New York, N. Y. Colloidal mill and system of control therefor. 1,937,788; Dec. 5.
- Ross, Oscar A., New York, N. Y. Electric sadiron. 1,940,731; Dec. 26.
- Ross, Oscar A., New York, N. Y., assignor to General Plate Company, Attleboro, Mass. Thermostatically controlled circuit controller. 1,918,491; July 18.
- Ross, Robert B., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Can body side seam soldering mechanism. 1,907,390; May 2.
- Ross, Robert G., assignor to Mae Ellis, Charlotte, N. C. Wardrobe. 1,896,423; Feb. 7.
- Ross, Robert G., assignor to Mae Ellis, Charlotte, N. C. Serving tray. 1,923,508; Aug. 22.
- Ross-Smith, Ewen, Penig, Germany, assignor to Investira S. A., Lausanne, Switzerland. Device for manufacturing hollow paper bodies from aqueous fibrous pulp after the couching method. 1,929,653; Oct. 10.
- Ross, Walter, Flushing, N. Y. Audible figure toy. 1,925,006; Aug. 29.
- Ross, Will, Inc. (See Christie, Walter G., assignor.)
- Ross, William, Surbiton, England. Device for feeding and controlling the flow of materials. 1,901,002; Mar. 14.
- Ross, William H., Brooklyn, assignor of one-half to Victor Nivois, New York, N. Y. Dispensing cabinet. 1,899,484; Feb. 28.
- Ross, William L., Wareham, Mass. Curbing. 1,909,551; May 16.
- Ross and Rowe, Inc. (See Jordan, Stroud, assignor.)
- Rossberg, Ehrhard. (See Jipp, A., Rossberg, and Hettler.)
- Rossberg, Ehrhard. (See Kruhme, E., Jipp, and Rossberg.)
- Rossberg, Ehrhard, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telegraph exchange system. 1,925,909; Sept. 5.
- Rossebo, George H. and F. Hoke, assignors to Holcomb & Hoke Manufacturing Company, Indianapolis, Ind. Refrigerator element and producing same. 1,897,957; Feb. 14.
- Rossen, Maurice A., Akron, Ohio. Package. 1,895,233; Jan. 24.
- Rossetter, Charles F. (See Fullerton, J. B., and Rossetter.)
- Rössger, Walter, assignor to Rockstroh-Werke Aktien-Gesellschaft, Heidenau, Germany. Plate cylinder for offset printing machines. 1,907,368; May 2.
- Rossi, Antonio, Silver Lake, N. J. Combined automatic clutch and transmission mechanism for automobiles. 1,894,890; Jan. 17.
- Rossi, Domenick, and N. Colicchio, Albany, N. Y. Electro-mechanical pilot light control. 1,894,006; Jan. 10.
- Rossiter, Edmund C., and W. C. Davis, London, England, assignors, by mesne assignments, to Synthetic Plastics Company Inc., New York, N. Y. Treatment of cotton, silk, or artificial silk or goods made therefrom. 1,926,063; Sept. 12.
- Rossiter, John G., assignor to Reynolds Spring Company, Jackson, Mich. Goblet. Des. 89,309; Feb. 21.
- Rossman, Allen M., assignor, by mesne assignments, to Rossman, Sargent & Lundy Patents Corporation, Chicago, Ill. Electrical bus and switch station. 1,906,421; May 2.
- Rossman, Allen M., assignor, by mesne assignments, to Rossman Patents, Incorporated, Chicago, Ill. Electrical transmission system. 1,912,918; June 6.
- Rossman, Allen M., Wilmette, assignor to Rossman, Sargent & Lundy Patents Corporation, Chicago, Ill. System and method of regulation. 1,916,934; July 4.
- Rossman, Allen M., Wilmette, assignor to Rossman, Sargent & Lundy Patents Corporation, Chicago, Ill. Method and system of regulation. 1,920,323; Aug. 1.
- Rossman, Allen M., and H. C. Heaton, Chicago, Ill. Boiler. 1,917,275; July 11.
- Rossman, Edwin F., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,918,565; July 18.
- Rossman, Edwin F., assignor to Delco Products Corporation, Dayton, Ohio. Shock absorber. 1,933,151; Oct. 31.
- Rossman, Edwin F., and G. W. Elsey, assignors to Delco Products Corporation, Dayton, Ohio. Oscillating pivot joint. 1,913,513; June 13.
- Rossman Patents, Incorporated. (See Rossman, Allen M., assignor.)
- Rossman, Sargent & Lundy Patents Corporation. (See Rossman, Allen M., assignor.)
- Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Nut castelling machine. 1,920,108; July 25.
- Rossmann, Rudolf, Munich, Germany, assignor to Tefag Textil Finanz A. G. Zurich, Zurich, Switzerland. Loom. 1,906,185; Apr. 25.

- Rossmann, Rudolf, Munich, Germany, assignor to Tefag Textil Finanz A. G., Zurich, Switzerland. Feeding means for weaving machines. 1,923,954; Aug. 22.
- Rossner, Arthur, New York, N. Y. Necktie retainer. 1,897,734; Feb. 14.
- Rossotti, Charles C., assignor to Rossotti Lithographing Company, Inc., New York, N. Y. Display container. 1,912,310; May 30.
- Rossotti Lithographing Company. (See Rossotti, Charles C., assignor.)
- Rossteutscher, Fritz. (See Specketer, H., Rossteutscher, and Rosenberger.)
- Rost, Ernest W., Janesville, Wis. Window display unit. 1,915,762; June 27.
- Rostin, Heliodor, Berlin, Germany. Treating low boiling hydrocarbons. 1,904,172; Apr. 18.
- Rostock, Otto, and J. Claussen, Elmshorn, Germany. Device for cleaning matrices. 1,895,645; Jan. 31.
- Rostone, Incorporated. (See Ross, David E., assignor.)
- Rota, Alex., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,418; Aug. 1.
- Rotary Carton Machine Company. (See Adsit, F. W., and Benson, assignors.)
- Rotary Holding Company. (See Holmes, Frederick J., assignor.)
- Rotary Machine Company. (See Christiansen, Christian, assignors.)
- Rotary Machine Company. (See Ridderstrom, Andrew R., assignor.)
- Rotary Printing Company, The. (See Cole, Fred B., assignor.)
- Rotary Snow Plow Company. (See Ritchie, John R., assignor.)
- Roterkleen Manufacturing Company. (See Day, Howard D., assignor.)
- Rötger, Hans. (See Schlecht, L., and Rötger.)
- Roth, Aaron, Brooklyn, N. Y. Apparatus and method for measuring the acuity of hearing. 1,934,738; Nov. 14.
- Roth, Albert, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Indicating mechanism. 1,919,043; July 18.
- Roth, August A., Baltimore, Md. Apparatus for sharpening tools. 1,906,888; May 2.
- Roth, Ernest W., and P. W. Prutzman, Los Angeles, Calif. Apparatus for treating an oily liquid with an aqueous liquid. 1,895,683; Jan. 31.
- Roth, Frank, New York, N. Y. Carburetor. 1,932,188; Oct. 24.
- Roth, Harris C., assignor to A. Y. Dodge, South Bend, Ind. Speed indicator. 1,927,597; Sept. 19.
- Roth, Harris C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,934,448; Nov. 7.
- Roth, Harris C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,936,883; Nov. 28.
- Roth, Harris C., assignor to The Lubrication Corporation, South Bend, Ind. Pump. 1,941,141; Dec. 26.
- Roth, Harry, New York, N. Y. Lady's hand bag. 1,914,960; June 20.
- Roth, Heinrich, and B. Zschimmer, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of color lakes. 1,907,879; May 9.
- Roth, Henry J., et al. (See Roth, William A., assignor.)
- Roth, Hugo, assignor to "Mias" Mühlenbau und Industrie Aktiengesellschaft, Brunswick, Germany. Heat-treating materials. 1,937,413; Nov. 28.
- Roth, Jacob, Brooklyn, N. Y. School bag and brief case. 1,907,676; May 9.
- Roth, Joseph N. (See Knapp, L. G., and Roth.)
- Roth, Lester B., Prophetstown, Ill. Power lawn mower. 1,902,524; Mar. 21.
- Roth, Otto, Jr., Bad Ems, Germany. Cleaner for articles of metal. 1,923,642; Aug. 22.
- Roth, Sol, Columbus, Ohio. Chip container. Des. 89,720; Apr. 25.
- Roth, Wilhelm. (See Poeschl, Wilhelm and R., and Roth.)
- Roth, William A., assignor of two-thirds to T. F. Poole, St. Paul, and H. J. Roth, New London, Minn. Airplane. 1,921,043; Aug. 8.
- Rothamel, Gustav A., Oakland, Calif. Meat rolling machine. 1,897,644; Feb. 14.
- Rothchild, Henry A., Appleton, and J. A. Limpert, Kimberly, assignors to Paper Patents Company, Neenah, Wis. Method of and apparatus for testing loading material used in paper manufacture. 1,899,774; Feb. 28.
- Rothe, Horst, Berlin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coating electrodes of discharge tubes. 1,902,185; Mar. 21.
- Rotheim, Erik, Oslo, Norway. Method and apparatus for atomizing materials. 1,892,750; Jan. 3.
- Rother, Louis J., Westwood, N. J., assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,094; Jan. 24.
- Rotherham, Walter S., Bloomingdale, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wire stripping machine. Re18,978; Oct. 24.
- Rothermel, Samuel W. (See Hewitt, E. W., and Rothermel.)
- Rothermel, Samuel W., Lynbrook, assignor to The Western Union Telegraph Company, New York, N. Y. Combined perforating and printing mechanism. 1,936,956; Nov. 28.
- Rothlin, Ernst. (See Stoll, A., and Rothlin.)
- Rothman, Albert, New York, N. Y. Metal floor grating. 1,924,570; Aug. 29.
- Rothmann, Charles H., Closter, N. J., assignor to American Curb-Gutter Block Co. Inc., New York, N. Y. Block forming mold. 1,927,717; Sept. 19.
- Rothschild, Claudia, Ocean Park, Calif. Toothbrush. 1,893,002; Jan. 3.
- Rotinoff, Alexander G., Kingsway, London, England. Pile and pile driving. 1,898,397; Feb. 21.
- Rotinoff, Alexander G., London, England. Pile and pile driving. 1,926,962; Sept. 12.
- Rotophot A.-G. für Graphische Industrie. (See Wolfsohn, Kurt, assignor.)
- Rotor Air Tool Company, The. (See King, Robert H., assignor.)
- Rotor Air Tool Company. (See Rehor, Joseph E., assignor.)
- Rotorite Corporation. (See Dennedy, James H., assignor.)
- Rott, Richard A., Madison, Wis. Refrigerated truck body. 1,907,217; May 2.
- Rottler, Clarence T., Seattle, Wash. Holding a cutter head while its cutters are being sharpened. 1,899,359; Feb. 28.
- Rottman, George, New York, N. Y. Safety device for vehicles. 1,934,449; Nov. 7.
- Rottmer, Henry E., Washington, D. C. Automobile bed. 1,925,607; Sept. 5.
- Rouanet, Louis, Irvy-Port, assignor, by mesne assignments, to Hubert Menard, St. Maurice, France. Braking device. 1,892,966; Jan. 3.
- Roudebush, Kenneth B., and H. G. Eilers, Cincinnati, Ohio. Electric plug. 1,899,360; Feb. 28.
- Rouleau, Flora L., Oakland, Calif. Apron. 1,933,185; Oct. 31.
- Roulton, John A., assignor to The Atlantic Refining Company, Philadelphia, Pa. Apparatus for heating. 1,906,422; May 2.
- Round, Henry J., Westfield, Muswell Hill, London, England, assignor to Radio Corporation of America. Four-electrode valve. 1,894,599; Jan. 17.
- Round, Henry J., London, England, assignor to Radio Corporation of America. Thermionic valve. 1,909,594; May 16.
- Round, Henry J., Muswell Hill, London, assignor to Marconi's Wireless Telegraph Company, Limited, London, England. Apparatus for recording and/or reproducing sound. 1,925,608; Sept. 5.
- Round, Henry J., Westfield, Muswell Hill, London, England, assignor to Radio Corporation of America. Four-electrode tube. 1,931,630; Oct. 24.
- Round, Henry J., Muswell Hill, London, and J. G. Robb, Hendon, London, England, assignors to Radio Corporation of America. Loud speaker. 1,904,537; Apr. 18.
- Round, Henry J., Muswell Hill, London, and J. G. Robb, Hendon, London, England, assignor to Radio Corporation of America. Loud speaker. 1,904,538; Apr. 18.
- Round Oak Furnace Company. (See Burch, Elwood S., assignor.)
- Round Oak Furnace Company. (See Freeland, Frank J., assignor.)
- Rounds, Arthur C., Scituate, R. I. Brush. 1,916,334; July 4.
- Rounds, Harry M. (See Estes, George L., assignor.)
- Rounds, Jesse J. (See Krause, A. M., and Rounds.)
- Rountree, Paul H., and C. A. Jackson, Harrisburg, Ill. Radiator hose cutter. 1,913,291; June 6.
- Rous, Bernard, Brooklyn, N. Y. Corrugating machine. 1,892,812; Jan. 3.
- Rous, Bernard, Brooklyn, N. Y. Duplex roll of corrugated paper and making the same. 1,902,312; Mar. 21.
- Rouse, Floyd O. (See Frick, H. A., and Rouse.)
- Rouse, John H., Los Angeles, Calif. Photoelectric cell. 1,921,483; Aug. 8.
- Rouse, Warren E., assignor to The Waterbury Tool Company, Waterbury, Conn. Mooring and hoisting apparatus. 1,902,972; Mar. 28.
- Rousseau, Ernest J. (See Hatton, W., Rousseau, and War-moes.)
- Roush, Lee, Beaver, Pa., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Cream whipping apparatus. 1,922,749; Aug. 15.
- Rousseau, Sarantis G., Hempstead, N. Y. Agitating plunger cock. 1,923,589; Aug. 22.
- Roux, Adrian P., Oriskany, assignor to General Cable Corporation, New York, N. Y. Metallic composition and making the same. 1,905,505; Apr. 25.
- Rove, Olaf N. (See Van Vechten, Jay J., assignor.)
- Rowan, Fred. (See Backstatter, J., and Rowan.)
- Rowan, William J., Akron, Ohio. Valve spring lifter. 1,893,962; Jan. 10.
- Rowe, Alton J., Wells Beach, assignor of one-fourth to F. F. Boyce, Portland, and one-fourth to W. B. Hall, Cape Elizabeth, Me. Net for trawlers. 1,897,147; Feb. 14.
- Rowe, Charles E., assignor of one-fourth to R. A. Graham and one-fourth to J. I. Graham, Ballarat, Victoria, Australia. Apparatus for removing boots and shoes from lasts. 1,938,465; Dec. 5.
- Rowe, Frank E., Jr., Winchester, assignor, by mesne assignments, to Saco-Lowell Shops, Boston, Mass. Picker system and process. 1,933,599; Nov. 7.
- Rowe, Fred H., Gloucester, Mass. Windshield heater. 1,916,895; July 4.

- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Manufacture of hollow glassware. 1,902,140; Mar. 21.
- Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Manufacture of hollow glassware. 1,902,142; Mar. 21.
- Rowe, George E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Manufacture of hollow glassware. 1,902,141; Mar. 21.
- Rowe, George E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Manufacture of blown glassware. 1,914,169; June 13.
- Rowe, Guy L., Dallas, Tex. Advertising lamp. Des. 90,858; Oct. 10.
- Rowe, Horace D., San Jose, Calif. Holding means for artificial dentures. 1,917,902; July 11.
- Rowe, Howard J., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,924,725; Aug. 29.
- Rowe, Howard J., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,924,726; Aug. 29.
- Rowe, Howard J., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,924,727; Aug. 29.
- Rowe, Irving R., assignor to The Atwood Machine Company, Stonington, Conn. Winding machine. 1,895,865; Jan. 31.
- Rowe, Lawrence A. (See Herr, J. D., and Rowe.)
- Rowe, L. L., Company. (See Ashenden, Richard C., assignor.)
- Rowe, Orvis F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronous motor. 1,919,395; July 25.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,894,543; Jan. 17.
- Rowe Slug Ejection Co. (See Gilchrist, W. L., and Hoofnagle, assignors.)
- Rowe Slug Ejector Co., Ltd. (See Gilchrist, W. L., and Hoofnagle, assignors.)
- Rowe, Thomas A., Red Creek, N. Y. Silo. 1,900,763; Mar. 7.
- Rowe, William J. (See Hagen, C., and Rowe.)
- Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Creping webs of paper and the like. 1,893,717; Jan. 10.
- Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Creping process for paper webs and the like. 1,914,869; June 20.
- Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Seam reinforcement. 1,915,202; June 20.
- Rowell, George S., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Transfer blanket for offset printing. 1,897,148; Feb. 14.
- Rowell, George S., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Photographic screen. 1,919,481; July 25.
- Rowell, George S., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Photographic screen. 1,919,482; July 25.
- Rowell, George S., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Combined color filter and screen. 1,919,483; July 25.
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Telemetric summation system. 1,895,942; Jan. 31.
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,906,812; May 2.
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,916,075; June 27.
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,929,289; Oct. 3.
- Rowen, Thomas C., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Folding machine and method. 1,899,245; Feb. 28.
- Rowland, Davidge H., and K. Wetzel, assignors to Locke Insulator Corporation, Baltimore, Md. Forming plastic clay masses. 1,925,058; Aug. 29.
- Rowland, Dwight P., assignor to Burroughs Adding Machine Company, Detroit, Mich. Supporting stand for business machines. 1,931,118; Oct. 17.
- Rowland, Jasper M., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Gas-dispensing apparatus. 1,894,497; Jan. 17.
- Rowland, John W. (See Clement, M. W., Kleine, and Rowland.)
- Rowland, Louis H., Cincinnati, Ohio. Correspondence unit. 1,915,620; June 27.
- Rowland, William A., Stockbridge, Mass. Garment supporting device. 1,928,137; Sept. 26.
- Rowlands, John H., Saundersfoot, and G. Thomas, Begelly, Wales. Rotary pump. 1,927,418; Sept. 19.
- Rowles, E. W. A., Co. (See Clavey, Edward A., assignor.)
- Rowles, Sidney G., Orpington, assignor of one-half to P. R. Fender, London, England. Rotary folder for paper-bag making and similar machines. 1,924,754; Aug. 29.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Fusible fixed temperature release unit. 1,898,897; Feb. 21.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Pipe hanger. 1,898,898; Feb. 21.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Release mechanism. 1,899,827; Feb. 28.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Sealing and release device for carbon dioxide fire systems. 1,900,764; Mar. 7.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Heat responsive device. 1,900,765; Mar. 7.
- Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Fusible unit. 1,925,007; Aug. 29.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Valve for carbon dioxide fire extinguishing apparatus. 1,898,899; Feb. 21.
- Rowley, Arthur C., Drexel Hill, Pa., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Accelerating device for dry pipe sprinkling systems. 1,913,245; June 6.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Sprinkler head. 1,929,333; Oct. 3.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Valve for fire extinguishing systems. 1,932,324; Oct. 24.
- Rowley, Charles A., Los Angeles, Calif. Mixer. 1,902,525; Mar. 21.
- Rowley, Charles A., Los Angeles, Calif. Vegetable shredder. 1,915,869; June 27.
- Rowley, Charles A., East Orange, N. J. Cable terminal. 1,905,245; Apr. 25.
- Rowley, Charles A., assignor to The Rajah Company, Bloomfield, N. J. Connector. 1,911,395; May 30.
- Rowley, Lancelot C., Grand Rapids Township, Kent County, Mich. Glare eliminator for vehicle headlights. 1,901,058; Mar. 14.
- Roxburgh, William L., and S. B. O'Neill, London, England. Combined match-holder and automatic lighter. 1,936,917; Nov. 28.
- Roxendorff, Nils P., Rasunda, assignor, by mesne assignments, to Aktiebolaget Lavator, Stockholm, Sweden. Washing apparatus. 1,931,393; Oct. 17.
- Roy, Ernest R., FINDERNE, N. J. Packing. 1,914,296; June 13.
- Roy, Gustave, Bellevue, France. Preparation of stable solutions of halogenated acetylcholin salts. 1,904,696; Apr. 18.
- Roy, Kurt H., and R. R. Sweaney, Los Angeles, Calif. Book end. Des. 89,576; Apr. 4.
- Royal Baking Powder Company. (See Stokes, William E., assignor.)
- Royal Baking Powder Company. (See Stokes, W. E., and Whittier, assignors.)
- Royal Brass Mfg. Company, The. (See Schultis, Charles F., assignor.)
- Royal, Charles B., Chicago, Ill. Lubricating apparatus for journal boxes. 1,932,605; Oct. 31.
- Royal Electric Company. (See Sneider, Samuel L., assignor.)
- Royal Electric Manufacturing Company. (See Thomas, Cyril H., assignor.)
- Royal National Company. (See Mitchell, J. R., and Lander, assignors.)
- Royal, Thomas M., Philadelphia, Pa. Fastening attachment for paper bags. 1,903,839; Apr. 18.
- Royal, Thomas M., Philadelphia, Pa. Manufacture of bags. 1,906,813; May 2.
- Royal Typewriter Company. (See Degener, Gustave O., assignor.)
- Royal Typewriter Company. (See Dowd, Bernard J., assignor.)
- Royal Typewriter Company. (See Hart, Henry J., assignor.)
- Royal Typewriter Company. (See Kittel, John J., assignor.)
- Royal Typewriter Company. (See Michelsen, William O., assignor.)
- Royal Typewriter Company. (See Myers, L. C., and Handley, assignors.)
- Royce Chemical Company. (See Petschow, Kurt J., assignor.)
- Royce, Frederick H., Elmstead, West Wittering, near Chichester, assignors to Rolls Royce Limited, Derby, England. Shock damping device. 1,893,339; Jan. 3.
- Royden, George T., Palo Alto, Calif., assignor to International Communications Laboratories, Inc., New York, N. Y. Apparatus for controlling transmitters. 1,921,168; Aug. 8.
- Roye, Forrest C., Burkburnett, Tex. Stuffing box. 1,904,631; Apr. 18.
- Royer, Jesse R., Janesville, Iowa. Tractor drawn road maintainer. 1,897,677; Feb. 14.
- Royle, Edwin B. (See Finlay, J. S., and Royle.)
- Royle, Robert N., Ossining, N. Y. Bookmark. Des. 89,073; Jan. 17.
- Royle, Robert N., Ossining, N. Y. Bookmark. Des. 89,142; Jan. 31.

- Royle, Vernon, Paterson, N. J. Gear casing for tubing machines. 1,901,569; Mar. 14.
- Royle, Vernon, Paterson, N. J. Extruding machine. 1,904,884; Apr. 18.
- Royle, Vernon, Paterson, N. J. Routing tool. 1,907,880; May 9.
- Royle, Vernon, Paterson, N. J. Strainer head for tubing machines. 1,910,261; May 23.
- Royce, Vernon, Paterson, N. J. Tubing machine. 1,925,545; Sept. 5.
- Royse, Grover C., Sacramento, Calif. Adjustable washer. 1,904,296; Apr. 18.
- Royster, Percy H., Washington, D. C., assignor to Research Corporation, New York, N. Y. Apparatus for heating gases. 1,940,371; Dec. 19.
- Rozakis, Thomas. (See Sperling, Frank M., assignor.)
- Rozumek, Ernst, Stockholm, Sweden. Electrothermally actuated electrical switch. 1,923,509; Aug. 22.
- Rozwora, Anthony, New Milford, Conn. Traction increasing device. 1,911,244; May 30.
- Ruau, Felix F. (See Molins, W. E., and Ruau.)
- Ruau, Felix F. (See Molins, W. E., Ruau, Dearsley and Chichester.)
- Ruau, Felix F., Deptford, London, England. Cigarette making machine. 1,906,014; Apr. 25.
- Rubber & Celluloid Products Co. (See Albright, Andrew, 3d., assignor.)
- Rubber Cement Products Limited. (See Bond, Albert E., assignor.)
- Rubber Process Corporation. (See Bigger, Andrew F., assignor.)
- Rubber Process Corporation. (See Bigger, A. F., and Squires, assignors.)
- Rubber Products Corporation. (See O'Brien, James R., assignor.)
- Rubber Service Laboratories Company. (See Behrend, Oswald, assignor.)
- Rubber Service Laboratories Company, The. (See Evans, Sylvester M., assignor.)
- Rubber Service Laboratories Company, The. (See Harman, Marion W., assignor.)
- Rubber Service Laboratories Co., The. (See ter Horst, William P., assignor.)
- Rubber Service Laboratories Company. (See Ingram, Joseph R., assignor.)
- Rubber Service Laboratories Company. (See Magoun, George L., assignor.)
- Rubber Service Laboratories Co., The. (See North Clayton, O., assignor.)
- Rubber Service Laboratories Co., The. (See Scott, Winfield, assignor.)
- Rubber Service Laboratories Company, The. (See Sibley, Robert L., assignor.)
- Rubber Service Laboratories Co. (See ter Horst, William P., assignor.)
- Rubber Shock Insulator Corporation. (See Riker, Andrew L., assignor.)
- Rubber Shock Insulator Corporation. (See Riker, Andrew L., jr., assignor.)
- Rubel, Albert C. (See Grinnell, S. H., and Rubel.)
- Rubel, Albert C. (See Hill, F. F., and Rubel.)
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Stitch forming mechanism for sewing machines. 1,899,828; Feb. 28.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Presser foot for sewing machines. 1,933,032; Oct. 31.
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Seam for sewed articles. 1,934,328; Nov. 7.
- Rubel, Charles F., and F. F. Zeier, assignors to Union Special Machine Company, Chicago, Ill. Thread controlling mechanism for sewing machines. 1,899,882; Feb. 28.
- Rubel, Chester D., Wichita Falls, Tex. Pneumatic displacement pump. 1,893,151; Jan. 3.
- Rubel, Chester D., Wichita Falls, Tex. Pneumatic fluid elevating device. 1,935,819; Nov. 21.
- Ruben, Abner A., New York, N. Y. Equipment case. 1,939,572; Dec. 12.
- Ruben, Abner A., New York, N. Y. Campaign hat retainer. 1,939,573; Dec. 12.
- Ruben Condenser Company. (See Ruben, Samuel, assignor.)
- Ruben Patents Company. (See Ruben, Samuel, assignor.)
- Ruben Rectifier Corporation. (See Ruben, Samuel, assignor.)
- Ruben, Samuel, New Rochelle, N. Y. Gas absorption element. 1,895,490; Jan. 31.
- Ruben, Samuel, New Rochelle, N. Y. Electrical phonograph pick-up. 1,902,900; Mar. 28.
- Ruben, Samuel, New Rochelle, N. Y. Remote control device. 1,916,235; July 4.
- Ruben, Samuel, New Rochelle, N. Y. Potential producing cell. 1,920,151; July 25.
- Ruben, Samuel, New Rochelle, assignor to Ruben Patents Company, New York, N. Y. Electrical discharge device. Re18,713; Jan. 17.
- Ruben, Samuel, assignor to Ruben Patents Company, New Rochelle, N. Y. Resistance device. Re18,818; May 2.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,895,686; Jan. 31.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire and process therefor. 1,896,040; Jan. 31.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 1,896,041; Jan. 31.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 1,896,042; Jan. 31.
- Ruben, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire and process therefor. 1,896,043; Jan. 31.
- Ruben, Samuel, assignor to Ruben Condenser Company, New Rochelle, N. Y. Making electrolytic condensers and preparing electrodes therefor. 1,909,506; May 16.
- Ruben, Samuel, assignor to Ruben Condenser Company, New Rochelle, N. Y. Electrical condenser. 1,918,716; July 18.
- Ruben, Samuel, assignor to Ruben Condenser Company, New Rochelle, N. Y. Electrical condenser. 1,918,717; July 18.
- Ruben, Samuel, New York, N. Y. Telephotographic system. 1,907,124; May 2.
- Ruben, Samuel, New York, N. Y. Electrical contact element. 1,932,678; Oct. 31.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Patents Company, New Rochelle, N. Y. Method and an apparatus for electrically effecting synthetic reactions. 1,895,489; Jan. 31.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,895,684; Jan. 31.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,895,685; Jan. 31.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,896,101; Feb. 7.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Rectifier Corporation, Englewood, N. J. Electric current rectifier. 1,908,188; May 9.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Tube Company, Englewood, N. J. Thermionic tube and heater element therefor. 1,908,792; May 16.
- Ruben, Samuel, New York, assignor, by mesne assignments, to Ruben Condenser Company, New Rochelle, N. Y. Electrical condenser. 1,912,223; May 30.
- Ruben, Samuel, New York, N. Y., assignor to Ruben Tube Company, Englewood, N. J. Filament for heater type vacuum tubes. 1,926,407; Sept. 12.
- Ruben Tube Company. (See Ruben, Samuel, assignor.)
- Rubenstein, Charles, assignor to H. J. Rubenstein, Kansas City, Mo. Display rack. 1,938,466; Dec. 5.
- Rubenstein, Harry J. (See Rubenstein, Charles, assignor.)
- Rubenstein, Jacob H., Syracuse, N. Y. Wireless transmission system. 1,906,769; May 2.
- Ruberg, Josef, Hagen, Westphalia, Germany. Photographic camera. 1,936,860; Nov. 28.
- Ruberoid Co., The. (See Calkins, Lloyd E., assignor.)
- Rubidge, David W., Pittsfield, Mass., assignor, by mesne assignments, to Underwood Elliott Fisher Company. Typewriting machine. 1,896,465; Feb. 7.
- Rubin, Abraham M., Brooklyn, N. Y. Rolling window screen and suspension frame. 1,892,787; Jan. 3.
- Rubin, Adolph, assignor to Hussmann-Ligonier Company, St. Louis, Mo. Slicing machine. 1,925,848; Sept. 5.
- Rubin, Benjamin C., New York, N. Y. Air toy. 1,928,703; Oct. 3.
- Rubin, Herman H., New York, N. Y. Grip strap. 1,893,807; Jan. 10.
- Rubin, Herman H., New York, N. Y. Pompon and making the same. 1,919,450; July 25.
- Rubin, Louis M., Baltimore, Md. Electric fixture. Des. 90,455; Aug. 8.
- Rubin, Samuel M., Kansas City, Mo. Ledger card. 1,924,755; Aug. 29.
- Rubin, Solomon H., Brookline, and J. J. Clifford, Reading, Mass. Hospital sheeting. 1,916,640; July 4.
- Rubinger, Louis, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,357; Feb. 28.
- Rubinger, Louis, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,379; Feb. 28.
- Rubinger, Louis, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,419; Aug. 1.
- Rubinger, Louis, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,420; Aug. 1.
- Rubinger, Louis, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,421; Aug. 1.
- Rubinger, Louis, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,422; Aug. 1.
- Rubinger, Louis, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,423; Aug. 1.
- Rubino, Carlo, Flushing, N. Y. Self-opening envelope. 1,895,646; Jan. 31.
- Rubinstein, Louis, New York, N. Y. Combined match holder and windshield. 1,893,655; Jan. 10.
- Ruble, Wilbur J., Washington, D. C. Antenna reel. 1,894,244; Jan. 10.

- Rubovits, Walter I., Chicago, Ill. Container. 1,902,294; Mar. 21.
- Ruby, Ernst L., Jenkintown, Pa. Switch heater. 1,902,339; Mar. 21.
- Ruby, George H. A., Grand Rapids, Mich. Board making machine. 1,933,934; Nov. 7.
- Ruby Lamp Mfg. Co. (See Shapiro, Theodore, assignor.)
- Ruby, William H., and J. E. Cooper, assignors to Western Venetian Blind Co., Los Angeles, Calif. Lifting and locking device for Venetian blinds. 1,894,833; Jan. 17.
- Rucel Limited. (See Morris, Herbert N., assignor.)
- Ruch, Julius T., Logansport, Ind. Production control for doughnut machines and the like. 1,938,863; Dec. 12.
- Ruchin, Zan, Bay-Shore, N. Y. Revolving window-sash. 1,896,559; Feb. 7.
- Ruckdeschel, Wilhelm, Berlin-Wilmersdorf, Germany, assignor to N. V. Handelscompagnie Alhaco, Amsterdam, Netherlands. Manufacture of baked articles. 1,910,967; May 23.
- Ruckelshaus, John G., Newark, N. J., assignor to Motion Displays Inc. Magnetic motor. 1,932,146; Oct. 24.
- Rucker, Benjamin P., Upper Montclair, N. J. Time switch operating mechanism. 1,922,868; Aug. 15.
- Ruckstuhl, Karl, Oberwinterthur, Switzerland. Insulating means against heat. 1,908,057; May 9.
- Rud, Otto Meyer, Firm, et al. (See Behrens, Hans C. A., assignor.)
- Rudd, Harry B., Douglaston, N. Y. Ice forming device. 1,920,526; Aug. 1.
- Ruddell, Allison R., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Bookholder. 1,930,844; Oct. 17.
- Ruddell, Richard, assignor to Cheney Brothers, South Manchester, Conn. Machine for and perforating jacquard cards. 1,913,514; June 13.
- Ruddy Manufacturing Company. (See Johnson, F. A., and Freeborn, assignors.)
- Ruddy, Martin T., Lakewood, Ohio. Rapping plate. 1,926,179; Sept. 12.
- Rudelt, Albert. (See Friedmann, A., and Rudelt.)
- Rüdenberg, Reinhold, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company. Long-distance high-voltage power transmission system. 1,909,125; May 16.
- Rüdenberg, Reinhold, Berlin-Grunewald, assignor to Siemens-Schuckertwerke Aktiengesellschaft Berlin-Siemensstadt, Germany. Device for producing colored pictures. 1,934,821; Nov. 14.
- Rüdenberg, Reinhold, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company. Thermionic tube. 1,937,846; Dec. 5.
- Rüder, Heinrich B., and W. Köpp, Frankfurt-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Effecting distribution of flowing fluids. 1,923,118; Aug. 22.
- Rudolf, Barnet, Bayonne, N. J. Level. 1,927,504; Sept. 19.
- Rudolph, Alfred P., Denver, Colo. Powder compact. 1,920,893; Aug. 1.
- Rudolph, Corrie F. (See Gebhard, L. A., and Rudolph.)
- Rudolph, Corrie F., Washington, D. C. Variable inductance system. 1,894,498; Jan. 17.
- Rudolph, Corrie F., Washington, D. C. Coupling device for high frequency apparatus. 1,907,391; May 2.
- Rudolph, Fred E., assignor to Miracle Burner Corporation, Chicago, Ill. Oil burner. 1,934,379; Nov. 7.
- Rudolph, George O. L., St. Cloud-Coteaux, France, assignor to The Interlock Metal Hose Company, Limited, Bedford, England. Coupling or connector for pipes for conveying steam, oil, water, grease, or other fluids. 1,928,076; Sept. 26.
- Rudolph, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Picture telegraph apparatus. 1,907,881; May 9.
- Rudolph, Louis M., Brooklyn, N. Y. Educational device. 1,912,406; June 6.
- Rudolph, Turnley, Springfield, Tenn. Manifolding sales pad. 1,939,793; Dec. 19.
- Rudolph, Walter H. (See Dayton, E. R., and Rudolph.)
- Rudolph, Walter H., Brookline, Mass. Coupling. 1,937,982; Dec. 5.
- Rudorff, Dagobert W., assignor to The Superheater Company, New York, N. Y. Desuperheater. 1,894,791; Jan. 17.
- Rudorff, Dagobert W., assignor to The Superheater Company, New York, N. Y. Desuperheating system. 1,896,247; Feb. 7.
- Rudorff, Dagobert W., assignor to The Superheater Company, New York, N. Y. Desuperheater. 1,929,520; Oct. 10.
- Rudowitz, Isaac M., Brooklyn, N. Y. Folding box. 1,921,946; Aug. 8.
- Rudqvist, Carl A., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Power transmission. 1,901,988; Mar. 21.
- Rudqvist, Carl A., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Clutching device. 1,903,943; Apr. 18.
- Rudqvist, Carl A., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Power transmission mechanism. 1,914,618; June 20.
- Rudqvist, Carl A., Stockholm, Sweden, assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Power transmission mechanism. 1,927,616; Sept. 19.
- Rudqvist, Carl A., Lidings, Sweden. Power transmission. 1,931,209; Oct. 17.
- Rudolph, Julian R. (See Mussey, W. H., and Rudolph, assignors.)
- Rudy Furnace Company. (See Torr, Thomas W., assignor.)
- Rudyk, John P., Chevy Chase, Md. Brake lever permitting the combined control of brakes and accelerator in a unit. 1,928,267; Sept. 26.
- Rue, Harold E., East Orange, assignor to Hoffman Beverage Company, Newark, N. J. Liquid-dispensing apparatus. 1,928,796; Oct. 3.
- Rueckart, Walter G., and E. B. Anderson, Big Spring, Tex. Clutch mechanism for use in motor vehicle transmissions. 1,895,821; Jan. 31.
- Rueckart, Walter G., and E. B. Anderson, Big Spring, Tex. Clutch. 1,895,822; Jan. 31.
- Ruegenberg, Gottfried, Olpe, Germany. Apparatus for producing packing strips. 1,920,109; July 25.
- Rueger, Anna, et al. (See Mathers, Harry M., assignor.)
- Rueger, Charles V. (See Rueger, Clarence R., and Rueger.)
- Rueger, Clarence R. and C. V., Seattle, Wash. Cigarette package. 1,932,753; Oct. 31.
- Ruegg, Joseph B., San Francisco, Calif. Closure fastener. 1,920,595; Aug. 1.
- Ruegg, Max, Detroit, Mich. Hydraulic brake master cylinder. 1,892,707; Jan. 3.
- Ruehl, Edwin F., Philadelphia, Pa., assignor, by mesne assignments, to Baldwin-Southwark Corporation. Cylinder head cooling system. 1,915,104; June 20.
- Ruehl, Ferdinand C., St. Louis, Mo. Air washer. 1,927,073; Sept. 19.
- Ruemelin, Richard, Milwaukee, Wis. Sand regulator and shut-off. 1,898,689; Feb. 21.
- Ruemelin, Richard, Milwaukee, Wis. Banker dust collector unit. 1,908,560; May 9.
- Ruemelin, Richard, Milwaukee, Wis. System for cleaning, compressing, and drying air. 1,918,614; July 18.
- Ruemelin, Richard, Milwaukee, Wis. Sand mixer for sand blast machines. 1,923,329; Aug. 22.
- Ruen, Andrew A. (See Moore, John H., assignor.)
- Ruesch, Carl E., Sayreville, N. J. Water heater. 1,938,441; Dec. 5.
- Ruesenberg, Carl A., assignor to Rockford Drilling Machine Co., Rockford, Ill. Friction clutch. 1,936,029; Nov. 21.
- Ruesenberg, Carl A., assignor to Rockford Drilling Machine Co., Rockford, Ill. Centrifugal clutch. 1,936,030; Nov. 21.
- Ruesenberg, Carl A., assignor to Rockford Drilling Machine Co., Rockford, Ill. Friction clutch. 1,936,031; Nov. 21.
- Ruesenberg, Carl A., assignor to Rockford Drilling Machine Co., Rockford, Ill. Friction clutch. 1,936,032; Nov. 21.
- Ruesenberg, Carl A., assignor to Rockford Drilling Machine Co., Rockford, Ill. Clutch. 1,937,070; Nov. 28.
- Ruesenberg, Carl A., and W. F. Hughes, assignors to Rockford Drilling Machine Company, Rockford, Ill. Freewheeling unit. 1,936,884; Nov. 28.
- Rueter, Herman, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Article of furniture. 1,923,690; Aug. 22.
- Ruetz, George D., Racine, Wis. Drink mixer. 1,909,986; May 23.
- Ruf, Christian E. (See Aldeborgh, E. H., Ritchey, Speakman, and Ruf.)
- Ruf, Christian E. (See Aldeborgh, E. H., and Ruf.)
- Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Compressor control. 1,903,853; Apr. 18.
- Ruff, De Witt C., St. Paul, Minn. Template for use in installing plumbing. 1,904,330; Apr. 18.
- Ruff, George O., Paris, Ill. Fire extinguishing grenade holder. 1,898,266; Feb. 21.
- Ruffley, Frederick, assignor to De Forest Radio Company, Jersey City, N. J. Producing electron emitters and the product. 1,894,059; Jan. 10.
- Ruffner, Edward W., Mason, assignor of one-half to G. I. Danks, Edgewood, Ill. Harrow. 1,924,517; Aug. 29.
- Rugg, Harold H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,907,586; May 9.
- Rugg, Harold H., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inclosed electrical apparatus. 1,936,802; Nov. 28.
- Ruggles, Leonard L., Wheaton, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. Des. 18,828; May 9.
- Ruggles, William A. (See Hull, A. W., and Ruggles.)
- Rugh, Harry O., assignor to Robert E. Ward, Chicago, Ill. Typewriter operation. 1,937,983; Dec. 5.
- Rühl, Bernhard, Palenberg, Germany. Deep boring apparatus. 1,934,329; Nov. 7.
- Ruhland, Joseph, Plain, Wis. Automatic hay unloader. 1,922,176; Aug. 15.
- Rühlemann, Fritz, Wolfgrun, and O. R. Herdey, Bautzen, Germany. Wood fiber mass. 1,921,780; Aug. 8.
- Rühlemann, Herbert, Sommerda, assignor to Rheinische Metallwaren- und Maschinenfabrik, Düsseldorf, Germany. Contact device for transferring electrical energy into projectile igniters. 1,897,863; Feb. 14.

- Rühlemann, Herbert, Sommerda, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Device for providing energy for electrical ignitors. 1,917,813; July 11.
- Rühlemann, Herbert, Sommerda, assignor to Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Circuit connections for feeding energy to electric ignitors. 1,917,814; July 11.
- Ruhr, Richard, Offenbach-on-the-Main, assignor to the Firm Maschinenfabrik Moenus A. G., Frankfurt-on-the-Main, Germany. Sole pressing machine. 1,910,858; May 23.
- Rubmann, Josef. (See Schmidt, W., Bothmann, and Ruhrmann.)
- Rule, Howard C., Jr., United States Navy. Viscosimeter. 1,934,739; Nov. 14.
- Rule, James, assignor to Holman Brothers Limited, Cornwall, England. Drill sharpening and swaging machine. 1,914,170; June 13.
- Rule, John F., Toledo, Ohio. Machine for forming hollow glassware. 1,904,985; Apr. 18.
- Rulung, James M., Gainesville, Fla. Identification device. 1,910,476; May 23.
- Rumatz, Frank A., Topeka, Kans. Packing for water gauge glasses. 1,893,181; Jan. 3.
- Rumble, Virgil A., San Francisco, Calif., assignor to Bailey Meter Company. Method of and apparatus for heating flowing fluids. 1,930,456; Oct. 10.
- Rumfelt, Isaac G., Hartford, Conn. Machine for notching statistical cards. 1,922,869; Aug. 15.
- Rummel, John K., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam generator and method of preventing turbine accumulations. 1,935,670; Nov. 21.
- Rumohr, Ernest C., Seattle, Wash. Tree sawing device. 1,903,479; Apr. 11.
- Rump, Sigurd, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Fluid filled switch. 1,912,042; May 30.
- Rump, Sigurd, Zurich, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electric switch. 1,918,869; July 18.
- Rump, Sigurd, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Circuit breaker. 1,934,630; Nov. 7.
- Rumpel, Carl H. (See Uphoff, L. S., and Rumpel.)
- Rumpel, Fred R., Richfield, Idaho. Automatic hen's nest. 1,940,017; Dec. 19.
- Rumpf, Harvey H. (See Munro, A. L., and Rumpf.)
- Rumpf, Wilhelm. (See Pier, M., and Rumpf.)
- Rund, Ingvald, and A. Antijunti, Hayti, S. Dak. Cleaning apparatus for belt conveyers. 1,933,485; Oct. 31.
- Rundblad, George J., assignor to Woodstock Typewriter Company, Woodstock, Ill. Sound-deadening housing for typewriters. 1,929,991; Oct. 10.
- Rundblad, George J., assignor to Woodstock Typewriter Company, Woodstock, Ill. Casing for typewriters. 1,929,992; Oct. 10.
- Rundel, Clarabelle E., Southfield, Mich. Curtain and drapery fixture. 1,908,449; May 9.
- Rundell, Rupert E., Rockville Center, N. Y., assignor to American Machine & Foundry Company. High speed cigarette machine. 1,907,587; May 9.
- Rundell, Rupert E., Rockville Center, N. Y., assignor to International Cigar Machinery Company. Scrap bunch feed mechanism. 1,916,017; June 27.
- Rundell, Rupert E., Rockville Center, and G. E. Hagquist, Brooklyn, N. Y., assignors to International Cigar Machinery Company. Leaf-opener for filler-stripping machines. 1,916,018; June 27.
- Runge, Franz, Heidelberg, and M. Mueller-Cunradi, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of butene-1 into butene-2. 1,914,674; June 20.
- Runge, Paul I. A., San Francisco, Calif. Automatic signal switch. 1,940,465; Dec. 19.
- Runge, Wilhelm. (See Schröter, F., and Runge.)
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency determining means. 1,917,395; July 11.
- Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitting. 1,931,631; Oct. 24.
- Runne, Ernst. (See Thiess, K., Meissner, Zerweck, and Runne.)
- Runne, Ernst, and K. Moldaenke, Frankfurt-on-the-Main-Hochst, and W. Kirst, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and über dyed therewith. 1,941,057; Dec. 26.
- Runnels, Paul, assignor, by mesne assignments, to Industrial Solvents, Inc., Indianapolis, Ind. Liquid container. 1,918,215; July 11.
- Rusner, Fredrick J., and R. Blaho, assignors to The Byrne Manufacturing Company, Cleveland, Ohio. Container. 1,920,807; Aug. 1.
- Runyan, Arthur, Valparaiso, Ind., assignor to Sinclair Refining Company, New York, N. Y. Synthetic resins and the manufacture thereof. 1,938,642; Dec. 12.
- Runyan, Arthur L., Chicago, Ill., assignor to Talk-A-Print, Trust, and A. L. Runyan, trustee. Educational apparatus. 1,930,286; Oct. 10.
- Runyan, William B., Dayton, Ohio. Annealing pot. 1,937,847; Dec. 5.
- Runyan, William B., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 1,908,058; May 9.
- Ruopp, George F., assignor to Marshalltown Manufacturing Company, Marshalltown, Iowa. Fluid pressure gauge. 1,939,466; Dec. 12.
- Ruosch, Samuel, Visp, assignor to Firm: Lonza Elektrizitätswerke und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland. Preparation of mixed manures containing ammonium nitrate. 1,895,733; Jan. 31.
- Rupert, Frederick J., Salem, assignor of one-half to Paul B. Wallace, Salem, Oreg. Hose patch. 1,914,790; June 20.
- Rupert, Hughes T. (See Sanderson, Arthur E., assignor.)
- Ruperti, Andreas. (See Haller, R., and Ruperti.)
- Rupf, Ernest L., West New Brighton, N. Y. Lock nut and manufacture. 1,903,921; Apr. 18.
- Rupf, Ernest L., West New Brighton, N. Y. Lock nut and manufacture. 1,903,922; Apr. 18.
- Rupnow, William L., Columbus, Ohio. Elevator brake. 1,894,426; Jan. 17.
- Rupp, Carl A., assignor to Commercial Iron Works of Los Angeles, Los Angeles, Calif. Stereotype plate shaving machine. 1,907,588; May 9.
- Rupp, Emil, Berlin-Frohnau, assignor to General Electric Company. Inorganic metal insulation. 1,905,753; Apr. 25.
- Rupp, Emil, Glienicke, Germany, assignor to General Electric Company. Production of fluorescent or phosphorescent substances. 1,930,110; Oct. 10.
- Rupp, Emil, Berlin-Frohnau, Germany, assignor to General Electric Company. Method of and an apparatus for generating electric energy. 1,916,076; June 27.
- Rupp, Emil, Berlin-Frohnau, Germany, assignor to General Electric Company. Rectifier. 1,919,988; July 25.
- Rupp, John L., Edgewood, assignor to Wubco Battery Corporation, Swissvale, Pa. Storage battery construction. 1,897,565; Feb. 14.
- Rupp, John L., Wilkinsburg, Pa., assignor, by mesne assignments, to Wubco Battery Corporation, Niagara Falls, N. Y. Storage battery separator. 1,902,267; Mar. 21.
- Rupp, Max G., Chicago, Ill. Illuminated signs. 1,936,734; Nov. 28.
- Rupp, Raphael E., Methuen, Mass. Aging process and apparatus for printed fabric. 1,913,615; June 13.
- Ruppel, Frank J. (See Lamborn, F. J., and Ruppel.)
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Radiator ornament. Des. 90,898; Oct. 17.
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators and the like. 1,896,329; Feb. 7.
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Closure for radiators and the like. 1,896,330; Feb. 7.
- Ruppel, Frederick C., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Radiator for motor vehicles. 1,922,901; Aug. 15.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Method and apparatus for interrupting high tension circuits. 1,898,900; Feb. 21.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. High tension circuit interrupter. 1,898,901; Feb. 21.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Method of and apparatus for gas blast circuit interruption. 1,904,539; Apr. 18.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Switch. 1,904,540; Apr. 18.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Compressed gas switch. 1,909,871; May 16.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Electric switch. 1,920,894; Aug. 1.
- Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Compressed gas switch. 1,937,482; Nov. 28.
- Ruppelt, Clarence E., Canonsburg, Pa. Lock joint seam. 1,934,330; Nov. 7.
- Ruppert, Austin J., Forreston, Ill. Vacuum washer. 1,930,396; Oct. 10.
- Ruppert, Edward H., Brooklyn, N. Y. Safety draw-off apparatus for hot water systems. 1,904,697; Apr. 18.
- Rupple, Harry W., assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Screw cutting machine. 1,927,419; Sept. 19.
- Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Stock feeding mechanism. 1,939,320; Dec. 12.
- Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Feed mechanism for automatic machine tools. 1,941,228; Dec. 26.
- Rupprecht, Georg, Hamburg, Germany. Method and apparatus for volatilizing sulphur. 1,919,307; July 25.
- Rurka, Joseph M., Chicago, Ill. Window lock. 1,894,060; Jan. 10.
- Rüßberg, Friedrich, Berlin-Niederschöneweide, assignor to Kali-Chemie, Aktiengesellschaft, Berlin, Germany. Manufacture of potassium carbonate. 1,933,452; Oct. 31.
- Rusbult, Herbert, Williamsburg, Iowa. Battery charging unit. 1,916,587; July 4.
- Ruscher, Dorothy M. (See Ruscher, Harold, assignor.)

- Ruscher, Harold, New York, assignor of one-half to D. N. Ruscher, Mount Vernon, N. Y. Token device. 1,935,378; Nov. 14.
- Rusden, Ethelbert A., Nayatt, R. I., assignor to The Textile-Finishing Machinery Company. Apparatus for dyeing or otherwise treating fabrics. 1,917,065; July 4.
- Rusden, Ethelbert A., Nayatt, and K. S. Johnson, Saylesville, assignors to The Textile-Finishing Machinery Company, Providence, R. I. Kier. 1,931,119; Oct. 17.
- Ruse, John C., Hartville, Ohio. Ladder. 1,928,158; Sept. 26.
- Ruse, Thomas, Highland Park, Mich. Double action rotating toothbrush. 1,911,973; May 30.
- Rush, Albert, deceased, Columbus, Ohio, F. A. Hunter and R. B. Rush, administrators. Door controlling means. 1,938,978; Dec. 12.
- Rush, Allan C., Los Angeles, Calif. Triadic, interlocking strut and truss, catenary and suspension bridge. 1,895,734; Jan. 31.
- Rush, C. C., et al. (See Boyd, Fred S., assignor.)
- Rush, Eugene, assignor of one-sixth to J. Dickinson, and one-sixth to W. T. Wood, De Quincy, La. Radio apparatus. 1,932,710; Oct. 31.
- Rush, James W. (See Bouchard, D. J., and Rush.)
- Rush, Ruby B., et al., administrators. (See Rush, Albert.)
- Rush, Turner C., Lexington, Ky. Puller. 1,924,002; Aug. 22.
- Rush, Weaver A., Beatrice, Nebr. System of selective road illumination for automobiles. 1,917,665; July 11.
- Rusher, Merlin A. (See Marcellus, F. S., and Rusher.)
- Rushmore, Samuel W., Plainfield, N. J. Hydraulic brake. 1,899,398; Feb. 28.
- Rushton, Eugene R., Montgomery, Ala. Producing insecticides. 1,924,518; Aug. 29.
- Rushton, James L., assignor to Dobson & Barlow Limited, Bolton, England. Centrifugal machine. 1,921,842; Aug. 8.
- Ruska, Max O., Voerde near Hagen, Germany. Manufacture of blanks and similar articles with jumped heads. 1,903,245; Mar. 28.
- Ruskin, Henry, Chicago, Ill. Fuse plug. 1,896,248; Feb. 7.
- Rusnak, Samuel, Chicago, Ill. Seat construction. 1,899,726; Feb. 28.
- Russ, Emil F., Cologne-Marienburg, Germany. Electrically heated drying furnace for casting cores and the like. 1,893,963; Jan. 10.
- Russ, Harley W., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Doweling machine. 1,895,106; Jan. 24.
- Russ Manufacturing Company, The. (See Eckert, Adolph E., assignor.)
- Russ Manufacturing Company, The. (See Kellogg, Herbert C., assignor.)
- Russ Manufacturing Company, The. (See Pilcher, Allen C. and L. C., assignors.)
- Russ Manufacturing Company, The. (See Schutt, Theodore H., assignor.)
- Russ Manufacturing Company, The. (See Seitz, Dean C., assignor.)
- Russell, John W., Columbia, Pa. Sink, tray, and table combination. 1,913,820; June 13.
- Russell, A. N., & Sons Company. (See Rix, William R., assignor.)
- Russell, Alexander, assignor to The Forgevise Machinery Company Limited, Leeds, England. Shaping, feeding, and cutting plastic material to form uniform pieces. 1,936,267; Nov. 21.
- Russell, Alexander C., Cathcart, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Valve for steam engines. 1,893,446; Jan. 3.
- Russell, Alney R., assignor of one-half to O. K. Herndon, Kansas City, Mo. Internal combustion turbine engine. 1,934,237; Nov. 7.
- Russell, Andrew N., Montreal, Quebec, assignor to Dominion Engineering Works Limited, Lachine, Canada. Vacuum seal for driers. 1,924,883; Aug. 29.
- Russell, Andrew N., Montreal, Quebec, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Calendar doctor assembly. 1,935,164; Nov. 14.
- Russell, Buford B., Chicago, and W. J. Uhlhorn, Oak Park, assignors to Drying Systems, Inc., Chicago, Ill. Apparatus for and method of drying. 1,900,846; Mar. 7.
- Russell, Burdsall & Ward Bolt and Nut Company. (See Eden, James A., Jr., assignor.)
- Russell, Burdsall & Ward Bolt & Nut Company. (See Rigney, William D., assignor.)
- Russell Burdsall & Ward Bolt & Nut Co. (See Ward, W. L., and Rigney, assignors.)
- Russell, Charles A., and C. M. Walker, assignors to Mills Alloys, Inc., Los Angeles, Calif. Grader blade. 1,922,917; Aug. 15.
- Russell, David C. (See Woerner, H. B., and Russell.)
- Russell, David C., and H. B. Woerner, Terre Haute, Ind. Ice cream lift. 1,910,477; May 23.
- Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Vapor regulator and supporting same. 1,897,215; Feb. 14.
- Russell, Edward A., Chicago, and P. B. Parks, Oak Park, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Vapor regulator. 1,894,360; Jan. 17.
- Russell, Edward A., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Vapor car heating system. 1,913,002; June 6.
- Russell, Edward A., Chicago, and P. B. Parks, Oak Park, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Pressure operated control mechanism for thermostatically operated valves. 1,914,982; June 20.
- Russell, Edward C., Seattle, Wash. Coin or token controlled amusement device. Des. 90,817; Oct. 3.
- Russell, Ernest S., London, England, assignor to The American Laundry Machinery Company, Norwood, Ohio. Valve-operating mechanism. 1,928,870; Oct. 3.
- Russell, Ernest S., London, England, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic washer. 1,929,993; Oct. 10.
- Russell, Frank E. (See McCormick, G., and Russell.)
- Russell, Frederick B., Coatesville, Pa., assignor to Bethlehem Steel Company. Carrier. 1,896,249; Feb. 7.
- Russell, Gadsden E., and H. I. Diamond, Atlanta, Ga. Handle covering. 1,940,104; Dec. 19.
- Russell, George E. (See Weidlich, L., and Russell.)
- Russell, George J., Waltham, Mass. Lubricating system. 1,902,583; Mar. 21.
- Russell, George J., Waltham, Mass. Broaching machine. 1,905,506; Apr. 25.
- Russell, George J., Waltham, Mass. External broaching machine. 1,905,507; Apr. 25.
- Russell, George J., Waltham, Mass. Broach centering apparatus. 1,905,508; Apr. 25.
- Russell, George J., Waltham, Mass. Broaching guide. 1,905,509; Apr. 25.
- Russell, George J., Waltham, Mass. Cylinder construction. 1,905,510; Apr. 25.
- Russell, George J., Waltham, Mass. Hydraulic apparatus for broaching. 1,936,073; Nov. 21.
- Russell, Henry M., Wheeling, W. Va. Changing sign. 1,933,763; Nov. 7.
- Russell, Leslie A., assignor to Koehring Company, Milwaukee, Wis. Crane turntable and gear housing. 1,909,507; May 16.
- Russell, Leslie A., assignor to Koehring Company, Milwaukee, Wis. Welded dipper stick construction. 1,917,666; July 11.
- Russell, Leslie A., assignor to Koehring Company, Milwaukee, Wis. Drive gearing for shovel cranes. 1,933,874; Nov. 7.
- Russell Manufacturing Company, The. (See Dowd, R. E., and Thompson, assignors.)
- Russell Manufacturing Company. (See Fagan, Richard C., assignor.)
- Russell Manufacturing Co. (See Russell, Roslyn V. H., assignor.)
- Russell Manufacturing Company, The. (See Russell, Thomas M., assignor.)
- Russell, Mark N. (See Brooks, J. W., and Russell.)
- Russell, Mark N., Syracuse, assignor to Pass & Seymour, Inc., Solvay, N. Y. Electric fixture. 1,895,050; Jan. 24.
- Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric fixture and mounting therefor. 1,906,770; May 2.
- Russell, Mark N., Syracuse, assignor to Pass & Seymour, Inc., Solvay, N. Y. Flush receptacle. 1,927,245; Sept. 19.
- Russell, Merl D., New Philadelphia, Ohio. Electrically operated spraying apparatus. 1,930,983; Oct. 17.
- Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Apparatus for making emulsified compounds including hydrocarbons. 1,904,952; Apr. 18.
- Russell, Robert H., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Fusible locking member for sprinkler heads. 1,932,805; Oct. 31.
- Russell, Robert P., Baton Rouge, La., assignor to Standard-I. G. Company. Producing hydrocarbon distillates. 1,916,441; July 4.
- Russell, Robert P., Baton Rouge, La., assignor to Standard-I. G. Company. Obtaining low boiling oils from higher boiling oils. 1,934,093; Nov. 7.
- Russell, Robert P., Baton Rouge, La., assignor to Standard-I. G. Company. Obtaining valuable distillates from carbonaceous materials. 1,940,648; Dec. 19.
- Russell, Robert P., Baton Rouge, La., assignor to Standard-I. G. Company. Purifying unrefined hydrocarbon oils by action of high pressure hydrogen. 1,940,649; Dec. 19.
- Russell, Robert P., Elizabeth, N. J., assignor to Standard-I. G. Company. Improvement of hydrocarbon oils by treatment with hydrogen under elevated temperature and pressure. 1,940,650; Dec. 19.
- Russell, Ronald F. (See Nichols, G. B., and Russell.)
- Russell, Roslyn V. H., Niagara Falls, assignor to Russell Manufacturing Co., New York, N. Y. Contact finger for electrical controllers and switches. 1,896,560; Feb. 7.
- Russell, Samuel G., and E. D. Clickner, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,941,227; Dec. 26.
- Russell & Stoll Company. (See Horn, Emil A., assignor.)
- Russell Supply Co. (See Johnson, C. B., and Bryant, assignors.)
- Russell Supply Co. Inc. (See Erickson, C. L., and Morrison, assignors.)
- Russell, Teddy, Pittsburgh, Pa. Protective means for banks. 1,927,953; Sept. 26.
- Russell, Thomas C., assignor to Solar Industries, Inc., Chicago, Ill. Insulating material (Duplex mica). 1,925,341; Sept. 5.

- Russell, Thomas M., assignor to The Russell Manufacturing Company, Middletown, Conn. Producing endless belts. 1,917,548; July 11.
- Russell, William, Hartshorne, Okla. Circuit breaker. 1,938,467; Dec. 5.
- Russia Cement Company. (See Phillips, Nathan C., assignor.)
- Russian, Michael, Binghamton, N. Y. Safety loop for brake beams. 1,894,522; Jan. 17.
- Russo, Joseph L., New York, N. Y. Removable coat cuff. 1,911,209; May 30.
- Russo, Nicola, Tuxedo Park, N. Y. Universal clock. 1,926,243; Sept. 12.
- Rust, John D., Weatherford, Tex. Cotton gathering machine. 1,910,307; May 23.
- Rust, John D. and M. D., Newllano, La. Cotton picking machine. 1,894,198; Jan. 10.
- Rust, Mack D. (See Rust, John D., and M. D.)
- Rust, Noel M. (See Wright, G. M., and Rust.)
- Rust, Noel M., Chelmsford, England, assignor to Radio Corporation of America. Electrical coil. 1,932,640; Oct. 31.
- Rust, Philip F. (See Streine, F. H., and Rust.)
- Rustin, Eugene H., and D. J. Iulo; said E. H. Rustin assignor of two-thirds to M. Rustin and said D. J. Iulo assignor of one-third to R. Iulo, Brooklyn, N. Y. Muffler. 1,892,858; Jan. 3.
- Rustin, Marie. (See Rustin, Eugene H., assignor.)
- Rutenber, Edwin A., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Temperature-indicating thermostat. 1,930,062; Oct. 10.
- Rutenberg, Abraham, Haifa, Palestine. Molding of concrete and like pipes. 1,896,973; Feb. 7.
- Ruth Aldo Company (Inc.). (See Barthelemy, Henri L., assignor.)
- Ruth Company, The. (See Ruth, Joseph P., jr., assignor.)
- Ruth, David C., Denver, Colo. Safety hinge. 1,915,448; June 27.
- Ruth, Joseph P., jr., assignor to The Ruth Company, Denver, Colo. Impeller for flotation machines. 1,895,523; Jan. 31.
- Ruth, Joseph P., jr., assignor to The Ruth Company, Denver, Colo. Flotation machine. 1,899,166; Feb. 28.
- Ruth, Joseph P., jr., assignor to The Ruth Company, Denver, Colo. Flotation machine. 1,901,123; Mar. 14.
- Ruth, Joseph P., jr., assignor to The Ruth Company, Denver, Colo. Cell construction for flotation machines. 1,903,517; Apr. 11.
- Ruth, Joseph P., jr., assignor to The Ruth Company, Denver, Colo. Grinding mill. 1,933,764; Nov. 7.
- Ruth, Vincent E., et al. (See Carver, Vern E., assignor.)
- Ruth, William J., Toronto, Ontario, Canada. Knee pad. 1,896,561; Feb. 7.
- Ruthaldo Company Inc. (See Barthelemy, Henri L., assignor.)
- Rutherford, Charles E., West Hartford, assignor to The Wiremold Company, Elmwood, Conn. Electrical conduit fitting. 1,917,950; July 11.
- Rutherford, Dwight M., Two Rock, Calif. Chick feeder. 1,930,184; Oct. 10.
- Rutherford, Eugene W., New Haven, assignor to The Shoe Hardware Company, Waterbury, Conn. Slider for automatic fasteners. 1,899,529; Feb. 28.
- Rutherford, Eugene W., New Haven, assignor to The Shoe Hardware Company, Waterbury, Conn. Top stop. 1,916,390; July 4.
- Rutherford, Peter B., Bethlehem, Pa. Indicator. 1,926,180; Sept. 12.
- Rutherford, Phillip M., Jacksonville, Tex. Machine for cleaning fabrics. 1,896,424; Feb. 7.
- Rutherford, William R., Spokane, Wash. Automobile hat and parcel rack. 1,908,450; May 9.
- Ruthruff, Robert F., Hammond, assignor to Standard Oil Company, Whiting, Ind. Desulphurizing hydrocarbon oils. 1,938,672; Dec. 12.
- Ruths, Johannes, Djursholm, Sweden. Power plant. 1,925,078; Aug. 29.
- Ruths, Johannes, Djursholm, Sweden, assignor to Ruths-accumulator A. B., Berlin, Germany. Energy distribution system. 1,892,967; Jan. 3.
- Ruths, Johannes, Djursholm, Sweden, assignor to Ruths-accumulator A. B., Berlin, Germany. Steam power plant. 1,900,766; Mar. 7.
- Ruths-accumulator A. B. (See Ruths, Johannes, assignor.)
- Ruthsaccumulator Aktiebolag. (See Föhl, Carl, assignor.)
- Ruthsaccumulator Aktiebolag. (See Hellborg, Rune, assignor.)
- Ruthven, Albert F., assignor to Leatherless Plunger Pump Corporation, Amarillo, Tex. Reciprocating pump. Re.18,791; Apr. 11.
- Rutishauser, Arnold, Zurich, Switzerland. Process of and device for manufacturing hollow bodies by means of fibrous materials. 1,895,687; Jan. 31.
- Rutishauser, Donald E., assignor to Hussmann Ligonier Company, St. Louis, Mo. Refrigerator. 1,911,210; May 30.
- Rutkoskie, George A., assignor to The McBee Binder Company, Athens, Ohio. Apparatus for producing wax carbon spots on sheets of paper by impression. Re.18,931; Sept. 5.
- Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Producing wax carbon spots on sheets of paper by impression on an ordinary printing press. 1,930,429; Oct. 10.
- Rutkowski, Walter L., assignor to R. C. Can Company, St. Louis, Mo. Pouring spout for containers. 1,897,958; Feb. 14.
- Rutkowski, Walter L., assignor to R. C. Can Company, St. Louis, Mo. Pouring spout container. 1,897,959; Feb. 14.
- Rutkowski, Walter L., assignor to R. C. Can Company, St. Louis, Mo. Dispensing container. 1,897,960; Feb. 14.
- Rutkowski, Walter L., assignor to R. C. Can Company, St. Louis, Mo. Pouring spout for salt and like containers. 1,920,131; July 25.
- Rutkowski, Walter L., assignor to R. C. Can Company, St. Louis, Mo. Spool. 1,923,510; Aug. 22.
- Rutledge, Charles F., et al. (See Gill, C. C., Julian, McIlwraith, and Rutledge, assignors.)
- Rutledge, John M., Midvale, Ohio. Jar clamp. 1,912,500; June 6.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cellular carton. 1,906,337; May 2.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Egg case flat. 1,925,112; Sept. 5.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Packing box or carton. 1,925,113; Sept. 5.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Basket liner. 1,927,218; Sept. 19.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Basket liner. 1,932,189; Oct. 24.
- Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Fruit box or the like. 1,933,075; Oct. 31.
- Rutten, Joseph J., Osakis, Minn. Clip for sectional silos. 1,931,739; Oct. 24.
- Rutten, Peter, Osakis, Minn. Portable silo or the like. 1,904,932; Apr. 18.
- Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Hayrake. 1,899,361; Feb. 28.
- Rutter, Argyle R. (See Mylius, W. G., Rutter, and Lewis.)
- Ruttiman, Alfred. (See White, F. E., and Ruttiman.)
- Rund Manufacturing Company. (See Horton, Ernest J., assignor.)
- Rund, Otto S., Oslo, Norway. Internal combustion engine. 1,901,263; Mar. 14.
- Ruwoldt, Johann A. L., Kewell, Victoria, Australia. Air cleaner for internal combustion engines. 1,903,597; Apr. 11.
- Ruzicka, Francis W., Chatham, N. J. Method of and composition for extending the life of cut flowers. 1,908,922; May 16.
- Ruzicka, Francis W., Chatham, N. J. Distributing package for perishables. 1,909,013; May 16.
- Ryall, Leonard E., Surrey, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electrical signaling system. 1,932,679; Oct. 31.
- Ryall, Leonard E., Sutton, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Alternating current signaling system. 1,941,229; Dec. 26.
- Ryalls, John H., Richmond, Va. Battery terminal or connector. 1,921,169; Aug. 8.
- Ryan, Allan C., deceased, Lakewood, Ohio; Genevieve Ryan, administratrix. Reinforced bearing brass. 1,914,581; June 20.
- Ryan, Andrew M. (See Boyer, Clarence F., assignor.)
- Ryan, Augustus M., Madison, N. J. Wall brace and reinforcement. 1,900,767; Mar. 7.
- Ryan Car Company. (See Faverty, Clyde B., assignor.)
- Ryan Car Company. (See Rayn, W. M., and Faverty, assignors.)
- Ryan, Commodore D., Los Angeles, Calif., assignor to Ralph C. Whitlock Patents, Inc., Las Vegas, Nev. Envelope moistener. 1,894,427; Jan. 17.
- Ryan, Commodore D., assignor, by mesne assignments, to National Postal Meter Company. Device for moistening gummed surfaces. 1,927,806; Sept. 19.
- Ryan, Commodore D., Los Angeles, Calif., assignor, by mesne assignments, to National Postal Meter Company. Clutch control. 1,930,943; Oct. 17.
- Ryan, Edward, Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,929,638; Oct. 3.
- Ryan, Edward S., Sheboygan, Wis. Vacuum tonsillectome. 1,931,740; Oct. 24.
- Ryan, Edward S., Sheboygan, Wis. Golf practice game. 1,932,049; Oct. 24.
- Ryan, Ernest G. (See Stevens, S. A., and Ryan.)
- Ryan, Francis M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission of sound and images. 1,919,804; July 25.
- Ryan, Francis M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio antenna supporting and accessory structure. 1,931,036; Oct. 17.
- Ryan, Frederick J., assignor, by mesne assignments, to The Lehigh Coal and Navigation Company, Philadelphia, Pa. Controlling furnaces. 1,907,202; May 2.
- Ryan, Genevieve, administratrix. (See Ryan, Allan C.)
- Ryan, George E., assignor to Superior Manufacturing Company, Fitchburg, Mass. Method and machine for making saddle staples. 1,933,152; Oct. 31.

- Ryan, Herbert E., Clayton, Mo. Game apparatus. 1,903,480; Apr. 11.
- Ryan, Herl J., Los Angeles, Calif. Athletic field line marker. 1,940,606; Dec. 19.
- Ryan, James C., assignor to Ross Manufacturing Company, Kansas City, Mo. Tank ball. 1,939,024; Dec. 12.
- Ryan, James F., Easthampton, Mass. Valve. 1,924,417; Aug. 29.
- Ryan, James P., Easthampton, Mass. Automatic gas and oil shut-off valve. 1,930,624; Oct. 17.
- Ryan, Leon H., et al. (See Barnes, Joseph H., assignor.)
- Ryan, Lonnie W., Merrick, assignor to Titanium Pigment Company, Inc., New York, N. Y. Precipitating titanium compounds. 1,916,236; July 4.
- Ryan, Lonnie W., Merrick, and J. R. Knoff, Brooklyn, assignors to Titanium Pigment Company, Inc., New York, N. Y. Alkali-metal titanate and making same. 1,929,521; Oct. 10.
- Ryan, Philipp. (See Kuhn, C. W., and Ryan.)
- Ryan, Thomas H., assignor of one-sixth to P. J. Boyens and one-sixth to C. J. McCarthy, San Francisco, Calif. Mechanical power transmission. 1,906,103; Apr. 25.
- Ryan, Victor A., Maplewood, assignor to The Harvell Corporation, Hoboken, N. J. Composition of matter using China-wood oil and cashew nut shell liquid, and making it. 1,927,220; Sept. 19.
- Ryan, William F., Newton, Mass. Water control in steam generators. 1,940,607; Dec. 19.
- Ryan, William M., and C. B. Faverty, assignors to Ryan Car Company, Chicago, Ill. Steam boiler system. 1,915,166; June 20.
- Ryan, William M., C. B. Faverty, and H. F. Kolb, Chicago, Ill.; said Ryan and Faverty assignors to said Kolb. Clutch. 1,935,459; Nov. 14.
- Rybeck, Adolph W., assignor to T. L. Smith Company, Milwaukee, Wis. Loading skip. 1,914,385; June 20.
- Rybeck, Adolph W., assignor to The T. L. Smith Company, Milwaukee, Wis. Cement mixer. 1,927,447; Sept. 19.
- Ryberg, Josef E. (See Oberdorfer, Max, assignor.)
- Rybeck, Patrik S., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Bearing roller. 1,904,253; Apr. 18.
- Ryde, Carl O., Oak Park, Ill. Cooking and drying eggshells. 1,922,177; Aug. 15.
- Ryden, Eric H. (See Hainsworth, W. R., and Ryden.)
- Ryden, Gunnar. (See Eckland, P. S., and Ryden, assignors.)
- Ryden, Mabs, and I. E. Schrodt, Los Angeles, Calif., said Schrodt assignor to said Ryden. Garment. 1,910,715; May 23.
- Ryder, Earle A. (See King, A. H., and Ryder.)
- Ryder, Earle A., West Hartford, assignor to The Pratt & Whitney Aircraft Company, East Hartford, Conn. Crank shaft. 1,901,358; Mar. 14.
- Ryder, Elmer, Oak Park, Ill. Automatic lubricator. 1,908,189; May 9.
- Ryder, Ely M. T., Yonkers, N. Y. Bowling ball. 1,897,714; Feb. 14.
- Ryder, Frank P., Niagara Falls, N. Y. Pea threshing machine. 1,903,658; Apr. 11.
- Ryder, Henry K., Laurel, Mont. Gas saver. 1,905,606; Apr. 25.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Motor control circuit. 1,924,458; Aug. 29.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Motor control circuit. 1,924,459; Aug. 29.
- Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 1,931,474; Oct. 17.
- Ryder, Ralph F., and S. E. Pazar, assignors to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Lip stick container. 1,910,183; May 23.
- Ryder, Willard E., and W. D. Reber, assignors to Standard Asbestos Manufacturing and Insulating Co., Kansas City, Mo. Insulating covering. 1,919,532; July 25.
- Rydmak, Josef A., New York, N. Y., and H. C. Mitten-dorf, East Orange, N. J., assignors to International Combustion Engineering Corporation, New York, N. Y. Bin indicator. 1,939,368; Dec. 12.
- Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes, Inc. Tire cover. 1,911,848; May 30.
- Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes, Inc. Tire cover. 1,911,849; May 30.
- Ryerson & Haynes, Inc. (See Ryerson, Creighton W., assignor.)
- Ryley, Alfred G., assignor to W. H. Wiewel, Canton, Ohio. Safety razor. 1,933,186; Oct. 31.
- Ry-Lock Company. (See Parker, Harry T., assignor.)
- Ry-Lock Company. (See Rymer, John A., assignor.)
- Rylsky, Gregory V. (See Mouromtseff, I. E., and Rylsky.)
- Rylsky, Gregory V., Wilkinsburg, Pa., assignor to West-inghouse Electric & Manufacturing Company. External anode discharge device. 1,912,919; June 6.
- Rymer, John A., San Leandro, Calif. Doorknob and escutcheon mounting. 1,910,859; May 23.
- Rymer, John A., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Doorlock. 1,919,750; July 25.
- Rymer, John A., San Leandro, Calif. Doorlock. 1,940,018; Dec. 19.
- Rymland, Murray J., Baltimore, Md. Spring cushion unit. 1,910,126; May 23.
- Rynalski, Henryk, Syracuse, assignor to The Solvay Process Company, Solvay, N. Y. Preparation of calcium chloride. 1,926,653; Sept. 12.
- Ryon, Tracy B., Pasadena, Calif. Triple gas control valve. 1,923,165; Aug. 22.
- Rypinski, Albert B. (See Murray, R. E., jr., and Rypinski.)
- Rystron, Charles H., et al. (See Wahlmark, Gunnar A., assignor.)
- Rzeminiecki, Rudolf, Washington, D. C. Fire fighting apparatus. 1,934,008; Nov. 7.
- Rzeppa, Alfred H., Detroit, Mich. Universal joint. 1,916,442; July 4.
- S. A. Brevetti, Italiana Esteri S. A. B. I. E. (See Ricciardi, Pier C., assignor.)
- S. & C. Holding Corporation. (See Sherrick, Samuel T., assignor.)
- S. and D. Engineering Company. (See Sawtelle, Charles A., assignor.)
- S. G. S. Industries, Inc. (See Schofield, George R., assignor.)
- S. H. G. Incorporated. (See Wannack, Carl O., assignor.)
- S. I. R. T. I. (Società Italiana Reti Telefoniche Interurbane). (See Barberis, M., and Baggi, assignors.)
- S. M. A. Corporation. (See Germann, Albert F. O., assignor.)
- S. M. M. H. Corporation. (See Holst, Lodewyk, J. R., assignor.)
- S and R Folding Machine Co. Inc. (See Roby, Edward B., assignor.)
- S and R Folding Machine Co., The. (See Underwood, Howard C., assignor.)
- S. & S. Cone Corporation. (See Shaloum, E., and Matalon, assignors.)
- S. & T. Metal Company. (See Shoemaker, Robert J., assignor.)
- Saa, Robert, Auburn, Calif. Adjustable shade roller mounting. 1,901,535; Mar. 14.
- Saad, John. (See Thomas, Joseph L., assignor.)
- Saad, Najeeb J., Spokane, Wash. Key locking lock. 1,909,427; May 16.
- Saad, Najeeb J., Spokane, Wash. Coin operating lock. 1,914,983; June 20.
- Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Lamp shade. 1,894,227; Jan. 10.
- Saal, Ewald G., Baltimore, Md. Bottle-cap remover. 1,929,855; Oct. 10.
- Saar, Adolf H., jr., Omaha, Nebr. Time controlled switch. Re18,780; Mar. 28.
- Saar, Franz. (See Ulrich, F., and Saar.)
- Sabatine, Fred, Duryea, assignor of one third to M. Sabatine, Scranton, and one-third to M. Sabatine, Duryea, Pa. Fruit jar holder. 1,929,334; Oct. 3.
- Sabatine, Fred, Duryea, assignor of one-third to Thomas Manganiello and one-third to Michael Barile, Old Forge, Pa. Jar opening means. 1,932,147; Oct. 24.
- Sabatine, Madio, et al. (See Sabatine, Fred, assignor.)
- Sabatine, Miana, et al. (See Sabatine, Fred, assignor.)
- Sabatini, Washington, Genoa, Italy. Machine for the calculation of reinforced concrete. 1,898,398; Feb. 21.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,902,468; Mar. 21.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Power converting apparatus. 1,907,589; May 9.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 1,918,870; July 18.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Preventing unbalance in rectifier compounding systems. 1,923,749; Aug. 22.
- Sabbah, Camil A., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting apparatus. 1,929,565; Oct. 10.
- Sabbah, Camil A., and M. M. Morack, Schenectady, N. Y., assignors to General Electric Company. Electric valve converting system. 1,937,361; Nov. 28.
- Sabbah, Camille A., Schenectady, N. Y., assignor to General Electric Company. Space discharge apparatus. 1,927,807; Sept. 19.
- Sabel, Franz. (See Schneider, C., and Sabel.)
- Sabine, Paul E., assignor of one-half to Riverbank Laboratories, Geneva, Ill. Sound absorbent material and producing it. 1,900,522; Mar. 7.
- Sabourin, Jean B., Norton, Mass. Cigarette making device. 1,905,652; Apr. 25.
- Sachs, George A., Gettysburg, Pa. Poultry fountain. 1,913,772; June 13.
- Sachs, Herman, Hackensack, N. J. Pipe cleaning device. 1,936,119; Nov. 21.
- Sachs, Jacques, Jamaica, N. Y. Exercising apparatus. 1,909,190; May 16.
- Sachs, Joseph, West Hartford, Conn. Automatic circuit breaker. Re18,894; July 11.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 1,892,854; Jan. 3.
- Sachs, Joseph, West Hartford, Conn. Electric circuit controlling appliance. 1,905,001; Apr. 25.
- Sachs, Joseph, West Hartford, Conn. Electric appliance inclosing cabinet. 1,905,002; Apr. 25.
- Sachs, Joseph, West Hartford, Conn. Electric meter service appliance. 1,905,003; Apr. 25.
- Sachs, Joseph, West Hartford, Conn. Fuse device. 1,905,004; Apr. 25.

- Sachs, Joseph, West Hartford, Conn. Electric meter service appliance. 1,907,010; May 2.
- Sachs, Joseph, West Hartford, Conn. Arc extinguishing device for electric switches. 1,922,060; Aug. 15.
- Sachs, Joseph, Pittsburgh, Pa. Flush valve rod. 1,924,381; Aug. 29.
- Sachs, Morris, New York, N. Y. Stair cushion. 1,921,781; Aug. 8.
- Sachs, William H., and R. T. Voris, assignors to The Manufacturers Equipment Company, Dayton, Ohio. Apparatus for drying clay and other ceramic materials. 1,911,533; May 30.
- Sachsenmaier, Elwood W., assignor to Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Hosiery. 1,894,891; Jan. 17.
- Sachsische Textilmaschinenfabrik vorm. Rich. Hartmann, Aktiengesellschaft. (See Koch, Ernest, assignor.)
- Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie. (See Mueller, Manfred, assignor.)
- "Sachtleben" Aktiengesellschaft für Bergbau und Chemische Industrie. (See Müller, Johannes, assignor.)
- Sachtleber, Rudolph H., East Orange, N. J. Drafting apparatus. 1,918,216; July 11.
- Sack, Ernest, Neuilly, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord réunies, Etablissements Kuhlmann, Paris, France. Diazo-compound of 2-amino-chloro-1-oxo-3-sulphobenzene and its production. 1,905,354; Apr. 25.
- Sack, Ernest A., Neuilly sur Seine, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord réunies, Etablissements Kuhlmann, Paris, France. Manufacture of dyes containing chromium. 1,921,586; Aug. 8.
- Sack, Ernest A., Neuilly-sur-Seine, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Manufacture of dyes containing chromium and the resulting product. 1,924,696; Aug. 29.
- Sack, Hans, Leipzig, Germany. Apparatus for laying drain pipes or cables. 1,904,666; Apr. 18.
- Sack, Harry, New York, N. Y. Beater and mixer. 1,928,032; Sept. 26.
- Sack, Melvin, assignor to Henry Vogt Machine Co., Louisville, Ky. Floating head and test ring. 1,895,735; Jan. 31.
- Sack, Rud. (See Schirmer, Werner, assignor.)
- Sackett, Warren W., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Heat regulator for ovens and the like. 1,941,021; Dec. 26.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Multicolored paper cord. 1,912,012; May 30.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Cord or edge roll for upholstering furniture. 1,926,500; Sept. 12.
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Hair cushion cord. 1,933,076; Oct. 31.
- Sacks, George P., et al. (See Gilchrist, William L., assignor.)
- Saco-Lowell Shops. (See Banfield, Frederic E., jr., assignor.)
- Saco-Lowell Shops. (See Banfield, F. E., jr., and Albrecht, assignors.)
- Saco-Lowell Shops. (See Curley, Robert S., assignor.)
- Saco-Lowell Shops. (See Howe, Charles W., assignor.)
- Saco-Lowell Shops. (See Rowe, Frank E., jr., assignor.)
- Saco-Lowell Shops. (See Willis, George W., assignor.)
- Sacre, Elmer P., Liverpool, N. Y. Adjustable and interchangeable mounting for motor driven tools. 1,899,883; Feb. 28.
- Sacre, Elmer P., Liverpool, N. Y. Cooling fan for electric motor operated tools. 1,911,471; May 30.
- Sacre, Elmer P., Liverpool, N. Y. Electric motor unit construction for motor driven tools. 1,915,449; June 27.
- Sadacca, Henri, assignor to Tekero, Inc., New York, N. Y. Holder for cosmetics or the like. Des. 90,683; Sept. 12.
- Sadgebury, Herman F., Dayton, Ohio, assignor to Pack Shops, Inc., New York, N. Y. Vending machine. 1,931,741; Oct. 24.
- Sadinoff, Max, Brooklyn, N. Y. Curtain or the like. Des. 90,456; Aug. 8.
- Sadinoff, Max, Brooklyn, N. Y. Drapery or the like. Des. 90,457; Aug. 8.
- Sadinoff, Max, Brooklyn, N. Y. Curtain or the like. Des. 90,562; Aug. 29.
- Sadinoff, Max, Brooklyn, N. Y. Curtain or the like. Des. 90,995; Nov. 7.
- Sadinoff, Max, Brooklyn, N. Y. Curtain or the like. Des. 90,996; Nov. 7.
- Sadleir, James R., Sacramento, Calif. Poultry waterer. 1,918,566; July 18.
- Sadler, Harvey A., Cuyahoga Falls, Ohio. Machine for pulling plants. 1,919,396; July 25.
- Sadler, Leo M., Canova, S. Dak. Sliding doorlatch. 1,894,913; Jan. 17.
- Sadler, Max, assignor to Capitol Heel Lining Company, Providence, R. I. Arch support. 1,931,415; Oct. 17.
- Saeder, Alvin, St. Louis, Mo. Escape attachment for submarines. 1,892,850; Jan. 3.
- Saeder, Alvin, assignor of one-half to Angelo Aljinovich, St. Louis, Mo. Jack. 1,908,793; May 16.
- Saeder, Alvin, assignor of one-half to Angelo Aljinovich, St. Louis, Mo. Mechanically operated display device. 1,928,573; Sept. 26.
- Saeder, Alvin, assignor of five per cent to A. Aljinovich, St. Louis, Mo. Escape for submarines. 1,933,187; Oct. 31.
- Saegebarth, Erich, Long Island City, N. Y., assignor to Edeleanu Gesellschaft, f. b. H. Purification of SO₂ recovered from refining hydrocarbons with SO₂. 1,917,736; July 11.
- Saeger, Charles M., jr., Bowmanstown, Pa. Core or mold binder, coating or paste. 1,893,683; Jan. 10.
- Saeger, Charles M., jr., Bowmanstown, Pa. Core or mold binder, coating or paste. 1,893,684; Jan. 10.
- Saeger, Charles M., jr., Bowmanstown, Pa. Process of and product for attaching portions of molds or cores. 1,897,149; Feb. 14.
- Saeger, Charles M., jr., Bowmanstown, Pa. Process and product for coating molds and cores. 1,901,124; Mar. 14.
- Saeger, Charles M., jr., Bowmanstown, Pa. Foundry practice. 1,914,532; June 20.
- Saeger, Charles M., jr., Washington, D. C. Metal coating method. 1,940,814; Dec. 26.
- Safe Deposit and Trust Company, The, et al., executors. (See Brogan, Graham W.)
- Safe-Out Ash Tray Company, The. (See Jacobs, David A., assignor.)
- Safe-T-Lock Co. (See Radke, G., and Schlaun, assignors.)
- Safetie Glass Company. (See Worrall, Arthur G., assignor.)
- Safety Belt Lacer Company. (See Briggs, O. B., and Richard, assignors.)
- Safety Car Heating & Lighting Company. (See Broekhuysen, Willem C., assignor.)
- Safety Car Heating & Lighting Company, The. (See Coffee, Bassett M., assignor.)
- Safety Car Heating & Lighting Company, The. (See Godsey, Frank W., jr., assignor.)
- Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
- Safety Car Heating & Lighting Company, The. (See Livingston, Alan V., assignor.)
- Safety Car Heating & Lighting Company, The. (See Schepmoes, Lindsley, assignor.)
- Safety Car Heating and Lighting Company, The. (See Von Ohlsen, Louis H., assignor.)
- Safety Car Heating & Lighting Company, The. (See Von Ohlsen, L. H., and Godsey, jr., assignors.)
- Safety Devices Corporation. (See Jackson, Elton B., assignor.)
- Safety Fumigant Company. (See Houghton, Harry W., assignor.)
- Safety Grinding Wheel & Machine Company, The. (See Weinland, Hermon G., assignor.)
- Safety Manufacturing Company. (See Nichols, Okey E., assignor.)
- Safety Mining Company. (See Armstrong, Frank H., assignor.)
- Safety Mining Company. (See Harris, Allyn, assignor.)
- Safety Mining Company, The. (See Hodge, David, assignor.)
- Safety Nut Corporation. (See Hall, Albert, assignor.)
- Safety Nut Corporation. (See Young, Wilson T., assignor.)
- Safety Products, Inc. (See Vivas, Fernando S., assignor.)
- Safety Sales Company. (See Horbach, Fred J., assignor.)
- Safeway Auto License System, Inc. (See Anderson, Oliver H., assignor.)
- Safir, Jacob A., Rockford, Ill. Apparatus for developing films. 1,925,154; Sept. 5.
- Safir, Charles. (See Safir, Leo C. and C.)
- Safir, George and L. C., South Norwalk, Conn. Robe construction. 1,905,685; Apr. 25.
- Safir, Leo C. (See Safir, George and L. C.)
- Safir, Leo C., South Norwalk, Conn., and C. Safir, New York, N. Y. Garment monogram. 1,905,989; Apr. 25.
- Saftien, Karl. (See Guenther, F., Holsten, and Saftien.)
- Sagamor Metal Goods Corporation. (See Sundin, Theodore, assignor.)
- Sager, John W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Counting mechanism. 1,924,571; Aug. 29.
- Sager, Lee R., assignor of one-third to A. W. Julian and one-third to M. A. Pocock, Minneapolis, Minn. Laundry flat piece spreader and carrier. 1,920,715; Aug. 1.
- Sager, Samuel N., Chicago, Ill. Pull-off legging. 1,902,584; Mar. 21.
- Sager, Solomon M., Glencoe, Ill. Electric advertising and demonstrating machine. 1,896,016; Jan. 31.
- Sager, Solomon M., Evanston, Ill. Eye cup. 1,900,201; Mar. 7.
- Sager, Solomon M., Evanston, Ill. Combination fountain pen and pencil. 1,901,414; Mar. 14.
- Sager, Solomon M., Glencoe, Ill. Fountain pen cap and ink guard. 1,904,014; Apr. 18.
- Sager, Solomon M., Glencoe, Ill. Pen point. 1,909,900; May 16.
- Saharoff, Alexander V., Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Valve. 1,916,685; July 4.
- Saharoff, Léon. (See de Wrangel, W., and Saharoff.)

- Sahli, Arthur, Zurich, Switzerland. Friction clutch mechanism. 1,912,407; June 6.
- Sahmel, Viggo, Forest Hills, assignor to F. L. Smith & Co., New York, N. Y. Control system for rotary kilns and the like. 1,903,070; Mar. 28.
- Said, William H., assignor to Corning Glass Works, Corning, N. Y. Apparatus for drawing tubing containing a stripe of contrasting glass. 1,919,259; July 25.
- Sailer, Adolf, Stuttgart, Germany. Ring spinning and twisting machine. 1,913,616; June 13.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip-guiding means for sewing machines. 1,906,104; Apr. 25.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Folder for sewing machines. 1,917,776; July 11.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Folder for sewing machines. 1,930,665; Oct. 17.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Folder for sewing machines. 1,937,096; Nov. 28.
- Sailler, John W. (See Sinclair, A. J., and Sailler.)
- Sailler, John W., assignor to Chrysler Corporation, Detroit, Mich. Wheel balancing. 1,896,974; Feb. 7.
- Sainderichin, Nicolas. (See Folliet, A., and Sainderichin.)
- Saine, Leonard W., Hempstead, N. Y. Split-proof tapered machine joint pipe. 1,913,246; June 6.
- Saine, Leonard W., Jackson Heights, and A. Hansen, Newark, N. J., assignors to Central Foundry Company, New York, N. Y. Piping. 1,924,637; Aug. 29.
- St. Clair, Byron W., Lynn, Mass., assignor to General Electric Company. Electrical measuring instrument. 1,904,095; Apr. 18.
- St. Clair, Byron W., Lynn, Mass., assignor to General Electric Company. Electrical instrument. 1,904,096; Apr. 18.
- St. Clair, Byron W., Lynn, Mass., assignor to General Electric Company. Suppressed zero instrument. 1,929,292; Oct. 3.
- St. Clair, Byron W., and J. F. Quinn, East Lynn, Mass., assignors to General Electric Company. Electrical instrument. 1,919,079; July 18.
- St. Clair, Frank, Worland, Wyo. Gate attachment. 1,927,720; Sept. 19.
- St. Clair, Robert M., et al. (See Nemmers, Francis J., assignor.)
- St. Clair Rubber Company. (See Crumb, C. W., and Sanders, assignor.)
- Saint-Germain, Jacques, Paris, France, assignor to General Electric Company. Electrical switchgear. 1,929,293; Oct. 3.
- Saint-Jacques, Eugene C., Paris, France. Process and apparatus for the roasting or calcination of pulverulent matters. 1,893,913; Jan. 10.
- St. Jean, Paul J., Thompsonville, Conn., and F. V. Grenor, Chicopee, Mass., assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Needle selector mechanism for multiple needle looms. 1,919,151; July 18.
- St. John, Everett, Westport, Conn., and S. C. Miller, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable suspension. 1,905,761; Apr. 25.
- St. Joseph Iron Works. (See McClenny, R. W., and Carpenter, assignors.)
- St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
- St. Joseph Lead Company. (See Isbell, W. T., and Weaton, assignors.)
- St. Joseph Lead Company. (See Weaton, George F., assignor.)
- St. Joseph Loan and Trust Co., administrator. (See Conner, A. P., and Jaspersen.)
- St. Louis Bank Building & Equipment Company. (See Gander, Joseph B., assignor.)
- St. Louis & O'Fallon Coal Company. (See Mintner, Corban, assignor.)
- St. Louis Spring Company. (See Moog, Shulman A., assignor.)
- St. Louis Tire Retreading Machine Company. (See Dacon, C. H., and Stults, assignors.)
- St. Martin, Joseph H., West Palm Beach, Fla. Buoyant propulsion device. 1,928,511; Sept. 26.
- St. Maur, John B., assignor of one-fourth to F. M. Zoller, Rochester, N. Y. Automatic ejecting mechanism. 1,921,173; Aug. 8.
- St. Mungo Manufacturing Company of America. (See Munro, Alexander, assignor.)
- St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Transformer. 1,935,419; Nov. 14.
- St. Paul Hydraulic Hoist Company. (See Clark, Frank G., assignor.)
- St. Regis Paper Company. (See Hartman, Carl H., assignor.)
- Sainte Claire Deville, Etienne, assignor to Societe des Etablissements Gaumont, Paris, France. Film-drawing device for cinematographic apparatus. 1,906,186; Apr. 25.
- Saito, Kosaku, Osakimachi, Japan. Die stock. 1,927,048; Sept. 19.
- Saitta, Richard, Chippewa Falls, Wis. Universal joint. 1,939,228; Dec. 12.
- Saives, Léon, assignor to L. Renault, Billancourt, France. System for the central lubrication of vehicles. 1,901,379; Mar. 14.
- Saives, Léon, assignor to L. Renault, Billancourt, France. Operating locomotives having internal combustion engines. 1,903,635; Apr. 11.
- Saives, Léon, assignor to Louis Renault, Billancourt, France. Automatic air or mixture admission valve for internal combustion engines. 1,933,033; Oct. 31.
- Saklatwalla, Byramji D., and H. E. Dunn, Crafton, Pa., assignors to Southern Mineral Products Corporation, New York, N. Y. Treating titaniferous ores. 1,911,396; May 30.
- Sako, Toshio, Sebastopol, Calif. Signal device for vehicles. 1,931,359; Oct. 17.
- Sakon, Charles. (See Beatty, William F., assignor.)
- Saks, Ira. (See Spase, Charles B., assignor.)
- Saks, Ira, Cleveland, Ohio. Clutch or transmission plate. 1,904,953; Apr. 18.
- Saladino, C. & Sons, Inc. (See Saladino, Frank, J., and S., assignors.)
- Saladino, Frank, J., and S., assignors to C. Saladino & Sons, Inc., Chelsea, Mass. Composition for treating strings. 1,902,143; Mar. 21.
- Saladino, Joseph. (See Saladino, Frank, J., and S.)
- Saladino, Salvatore. (See Saladino, Frank, J., and S.)
- Salamone, Santo. (See Bonaccorsi, Joseph J., assignor.)
- Salamonovics, Alexander, et al. (See Grosz, Karl, assignor.)
- Salavsky, Keva, Brooklyn, N. Y. Garment carrying container for use with closed vehicles. 1,895,208; Jan. 24.
- Salbach, Carl, Berkeley, Calif. Gladiolus. Pl. Pt. 77; Oct. 3.
- Salcaian, Dionisie I., Canton, Ohio. Shoe jack. 1,922,750; Aug. 15.
- Saichow, Willy, Berlin-Tempelhof, Germany. Dark slide for photographic apparatus. 1,940,187; Dec. 19.
- Salem Glass Works. (See Beon, Louis, assignor.)
- Salerni, Piero M., Westminster, London, England. Power transmission mechanism. 1,901,193; Mar. 14.
- Salerni, Piero M., Westminster, London, England. Power transmission mechanism. 1,901,194; Mar. 14.
- Salerni, Piero M., Westminster, London, England. Power transmission mechanism. 1,903,013; Mar. 28.
- Salisbury, Claud C. (See Ball, F. C., and Salisbury.)
- Salisbury, Donald W. (See Chaffee, Emory L., assignor.)
- Salisbury, Howard D., Birmingham, Ala. Power operated switch mechanism. 1,897,181; Feb. 14.
- Salisbury Signal Corporation. (See Ball, F. C., and Salisbury, assignors.)
- Salisbury, William, Toledo, Ohio. Tile manufacture. 1,901,195; Mar. 14.
- Salisbury, William, Toledo, Ohio. Apparatus for treating soil. 1,909,636; May 16.
- Salkover, Nicholas M., assignor to The Queen City Steel Treating Company, Cincinnati, Ohio. Metal treatment container and making the same. 1,910,968; May 23.
- Sallee, Webster I., Cleveland, Ohio. Apparatus for burning fuels. 1,923,330; Aug. 22.
- Salley, Thomas P., New York, N. Y. Safety razor. 1,911,245; May 30.
- Sallop, Harry A., New York, N. Y. Removable automobile seat cover. 1,909,901; May 16.
- Sallop, Harry A., New York, N. Y. Seat covering. 1,917,904; July 11.
- Salm, Alfred, assignor to Salm & Bruns, Ludwig Stolberg Nachf., Brunswick, Germany. Hair-drying apparatus. 1,894,709; Jan. 17.
- Salm & Bruns, Ludwig Stolberg Nachf. (See Salm, Alfred, assignor.)
- Salmen, Kenneth, and E. A. Pearson, Scribner, Nebr. Door operating means. 1,919,864; July 25.
- Salmon, Peter J. (See Case, G. B., and Salmon.)
- Salmon, Reginald D. (See Creed, F. G., and Salmon.)
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Telegraphic signal reproducing apparatus. 1,895,107; Jan. 24.
- Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, Surrey, England. Telegraphic signal regenerating apparatus. 1,931,876; Oct. 24.
- Salmon, Reginald D., and S. E. Kirk, assignors to Creed and Company, Limited, Croydon, England. Telegraph keyboard controlled apparatus. 1,895,108; Jan. 24.
- Salomon, Francois M. M. B., and H. P. Govare, Paris, France. Device for producing a movement following a logarithmic law. 1,895,347; Jan. 24.
- Salomon, Irving, Chicago, Ill. Furniture. 1,931,085; Oct. 17.
- Salomon, Ivan J., Baltimore, Md. Pillow bag. 1,927,471; Sept. 19.
- Salomon, Robert, Neuilly-sur-Seine, France. Machine for drawing glass tubes or rods. 1,894,201; Jan. 10.
- Salone, Jacques C. G., and G. D. Lucas, assignors to Société Salone, Ing. E. C. P. & Lucas, Paris, France. Parachute equipment. 1,901,380; Mar. 14.
- Salsburg, Jacob, Wilkes-Barre, Pa. Corn planter. 1,919,397; July 25.
- Salsburg, Louis K., Wilkes-Barre, Pa. Frozen confection package. 1,894,199; Jan. 10.
- Salsbury, Albert L., Coeur d'Alene, Idaho. Hydraulic signal actuator. 1,915,167; June 20.
- Salsbury, Ralph T., Oakland, Calif. Bottle filler. 1,927,505; Sept. 19.

- Salter, Thomas, High Wycombe, assignor to Nesta Limited, London, England. Article of furniture having extensible upholstered surfaces. 1,933,342; Oct. 31.
- Salto, Aage B., assignor to Rex Cole, Inc., New York, N. Y. Refrigerator. 1,928,212; Sept. 26.
- Saltzman, Eli J., Philadelphia, Pa. Window ventilator. 1,901,568; Mar. 14.
- Saltzman, Paul, and R. A. Millar, assignors to Nazel Engineering & Machine Works, Philadelphia, Pa. Slotter. 1,940,019; Dec. 19.
- Salvi, Allesandro. (See Gianni, Francesco, assignor.)
- Salzberg, Benjamin, New York, N. Y. Impressed textile fabric. Des. 90,818; Oct. 3.
- Salzberg, Bernard, Rocky Point, N. Y., assignor to Radio Corporation of America. High frequency amplifier. 1,928,764; Oct. 3.
- Salzberg, Bernard, Rocky Point, N. Y., assignor to Radio Corporation of America. Prevention of parasitic oscillations. 1,929,874; Oct. 10.
- Salzberg, Paul L., and E. W. Bousquet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluosilicate of organic heterocyclic bases and process of making it. 1,915,334; June 27.
- Salzberg, Paul L., and E. W. Bousquet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluosilicates of organic aliphatic bases. 1,917,463; July 11.
- Salzer, Albert. (See Rayn, W. Mertens, and Salzer.)
- Salzmann, Werner, and R. Funke, Dusseldorf, Germany. Dental filler. 1,935,418; Nov. 14.
- Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Outlet box. 1,929,218; Oct. 3.
- Sambur, William. (See La Susa, S. J., and Sambur.)
- Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)
- Samdahl, Bjarne. (See Aagaard, T. B., Samdahl, and Hopstock.)
- Sameshima, Naotaro, Los Angeles, Calif. Laundry sprayer. 1,923,279; Aug. 22.
- Samesreuther, Richard. (See Kränzlein, G., and Samesreuther.)
- Sametz, Louis, New York, N. Y. Golf practicing means. 1,939,414; Dec. 12.
- Samitz, Otto, Uster, near Zurich, Switzerland. Warp thread drawing-in machine. 1,928,704; Oct. 3.
- Sammons, Ira S., Pittsburg, Kans. Electric cutting torch. 1,927,135; Sept. 19.
- Sample, Warren M., Muncie, Ind. Upright display rack. Des. 89,512; Mar. 21.
- Sample, Warren M., Muncie, Ind. Stepladder. 1,914,297; June 13.
- Sampson, Thomas L., Cambridge, Mass. Starting device. 1,913,900; June 13.
- Sampson, Charles H., assignor to Sampson Permagraph Company Inc., Rochester, N. Y. Clutch. 1,921,264; Aug. 8.
- Sampson, Frederick W. (See Tatter, J. W., and Sampson.)
- Sampson, John C. (See Sampson, Julian E., and J. C.)
- Sampson, John H., Chicago Ill., assignor, by mesne assignments, to Free Wheeling Patents Corporation, South Bend, Ind. Gear shift control. 1,929,153; Oct. 3.
- Sampson, Julian E., and J. C. Sampson, St. Louis, Mo., assignors to United Research Corporation, Long Island City, N. Y. Radio apparatus. 1,931,012; Oct. 17.
- Sampson Permagraph Company Inc. (See Sampson, Charles H., assignor.)
- Sampson, Robert W., New York, N. Y. Pneumatic cushion. 1,928,675; Oct. 3.
- Sams, Claude W., Huntington, W. Va. Desk cabinet. 1,914,757; June 20.
- Sams, Gerald E. (See Brown, J. R., and Sams.)
- Sams, James A., Schenectady, and V. F. Shaw, Scotia, N. Y., assignors to General Electric Company. Method and apparatus for testing metals. Re18,889; July 4.
- Samsel, Nobel E., Oakland, Calif. Dart. 1,918,718; July 18.
- Samson Cordage Works. (See Talbot, William F., assignor.)
- Samson, Henry L., New York, N. Y. Paper pack holder. 1,925,678; Sept. 5.
- Samson, Sam, Stevenson, Wash. Fluid pressure system. 1,897,075; Feb. 14.
- Samson-United Corporation. (See Samuels, Abe O., assignor.)
- Samsonwerk G. m. b. H. (See Hentschke, K., and Von Bover, assignors.)
- Samuel, Arthur L., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gaseous discharge device. 1,921,004; Aug. 8.
- Samuel, Arthur L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system for space discharge devices. 1,931,877; Oct. 24.
- Samuel, Howard H., Hackettstown, N. J. Road grading apparatus. 1,924,572; Aug. 29.
- Samuel, John M., Douglas, Ariz. Container for hot comminuted material. 1,894,523; Jan. 17.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Coffee percolator. Des. 90,819; Oct. 3.
- Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric toaster. Des. 91,180; Dec. 12.
- Samuels, Maurice M., New York, and F. J. Douglas, Long Island City, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Inclosed switching device. 1,907,125; May 2.
- Samuelson, Charles B., Peninsula Township, Grand Traverse County, Mich. Outboard propelling motor for boats. 1,894,710; Jan. 17.
- Sanborn, Arthur H., assignor to Yaxley Manufacturing Company, Chicago, Ill. System of alternating current distribution and switching mechanism therefor. 1,910,969; May 23.
- Sanborn, Charles H., Newburyport, assignor to Haley, Cate, Rockwood Company, Inc., Everett, Mass. Yielding attachment for sewing machines. 1,899,399; Feb. 23.
- Sanborn, Charles H., Newburyport, assignor to Haley, Cate, Rockwood Co., Inc., Everett, Mass. Attachment for sewing machines. 1,923,556; Aug. 22.
- Sanborn, Cora A., De Kalb, Ill. Windshield wiper. 1,933,122; Oct. 31.
- Sanborn, Percy G., San Francisco, assignor of one-half to F. E. Madden, Oakland, Calif. Locomotive. 1,899,589; Feb. 28.
- Sanborn, William E., Detroit, Mich. Making artificial dentures. 1,931,804; Oct. 24.
- Sanburn, Justus C., Springfield, assignor to Strathmore Paper Company, West Springfield, Mass. Making paper. 1,938,543; Dec. 5.
- Sande, Anders J., Brooklyn, N. Y. Apparatus for splicing cables and ropes. 1,895,234; Jan. 24.
- Sandelowsky, Sally, Hennigsdorf, Germany, assignor to General Electric Company. Automatic arc welding. 1,904,086; Apr. 18.
- Sandelowsky, Sally, Hennigsdorf, near Berlin, Germany, assignor to General Electric Company. Electrode. 1,933,343; Oct. 31.
- Sandeman, Edward K., et al. (See Grace, B. B., Skillman, Roche, and Sandeman.)
- Sandeman, Edward K., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Distributor for use in telegraphy or the like. 1,900,954; Mar. 14.
- Sandeman, Edward K., London, and R. O. Carter, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,911,850; May 30.
- Sandeman, Edward K., P. R. Thomas, and C. R. Dunham, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Voice current repeater circuits. 1,924,131; Aug. 29.
- Sander, Edna A. (See Daub, Edward, assignor.)
- Sander, Eugen, Muenchen-Menterschwaige, Germany. Surgical bandaging. 1,920,803; Aug. 1.
- Sander, Frank V., assignor to Johnson & Johnson, New Brunswick, N. J. Manufacture of mercuri-mononitropara-cresol and its salts. 1,893,248; Jan. 3.
- Sander, Ludwig, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Amides of 2,3-amino-naphthoic acid and preparing them. 1,893,656; Jan. 10.
- Sander, Ludwig, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Esters of 2,3-amino-naphthoic acid and preparing them. 1,903,880; Apr. 18.
- Sander, Otto, and K. König, assignor to Zeta-Bauweise G. m. b. H., Kassel, Germany. Wall structure and building block used therein. 1,903,881; Apr. 18.
- Sanders, Densmore H. (See Lynch, J. A., and Sanders.)
- Sanders, Edward, Harwood, N. Dak. Hammer attachment. 1,928,268; Sept. 26.
- Sanders, Frank M. (See Crumb, C. W., assignor, and Sanders.)
- Sanders, George E., and A. E. Waller, Brooklyn, N. Y. Coloring lead arsenate green and product. 1,908,544; May 9.
- Sanders, James E., Ardmore, Pa., assignor of one-fourth to Guy T. Holcombe. Brake and motor tester. 1,924,658; Aug. 29.
- Sanders, James M., San Francisco, Calif. Filling machine. 1,935,997; Nov. 21.
- Sanders, Johann A., et al. (See Sanders, Ludwig A., assignor.)
- Sanders, Joseph J., assignor to H. Brinton Company, Philadelphia, Pa. Design wheel. 1,902,903; Mar. 28.
- Sanders, Louis E., Sacramento, Calif. Steam condensing well. 1,903,246; Mar. 28.
- Sanders, Ludwig A., assignor to J. A. Sanders, Voorburg, and Frans L. Stoot, The Hague, Netherlands. Airplane. 1,929,566; Oct. 10.
- Sanders, Marion S., Bristol, Va. Vacuum tube voltmeter. 1,931,558; Oct. 24.
- Sanders, Marshall T. (See Davis, R. G., and Sanders.)
- Sanders, Marshall T., assignor to Darco Corporation, Wilmington, Del. Activating carbon. 1,913,340; June 6.
- Sanders, Marshall T., assignor to Darco Corporation, Wilmington, Del. Activating carbon. 1,913,341; June 6.
- Sanders, Oscar L., San Diego, Calif. Advertising signs. 1,925,155; Sept. 5.
- Sanders, Reginald E., Neenah, Wis. Toy construction block. 1,894,061; Jan. 10.
- Sanders, Rufus C., assignor to Chrysler Corporation, Detroit, Mich. Accelerator pedal. 1,902,667; Mar. 21.
- Sanders, Rufus C., and C. L. Humphrey, assignors to Chrysler Corporation, Detroit, Mich. Pedal. 1,896,975; Feb. 7.

- Sanders, William E., Memphis, Tenn. Heater. 1,927,299; Sept. 19.
- Sanders, William K., McGill, Nev., assignor of one-half to E. J. Franklin, Salt Lake City, Utah. Flame baffle for pulverized fuel furnaces. 1,912,043; May 30.
- Sanders, William K., McGill, Nev., assignor of one-half to E. J. Franklin, Salt Lake City, Utah. Flame baffle for pulverized fuel furnaces. 1,930,566; Oct. 17.
- Sanderson, Arthur E., assignor of one-half to H. T. Rupert, San Pedro, Calif. Garment rack. 1,902,724; Mar. 21.
- Sanderson, August A., Beverly, assignor to Ipswich Mills, Incorporated, Gloucester, Mass. Knitted stocking. 1,930,397; Oct. 10.
- Sanderson, Harold W., Collsels, Denham, assignor of one-half to The Wall Paper Manufacturers Limited, London, England. Rotary printing machine. 1,911,325; May 30.
- Sanderson, Ray R., Orrville, Ohio. Drill bit. 1,931,590; Oct. 24.
- Sandford, Dent, Toledo, Ohio. Refrigeration evaporation. 1,930,491; Oct. 17.
- Sandford, Philip P., Teddington, England, assignor, by mesne assignments, to Jonathan C. Stimson, St. Louis, Mo. Reflecting device. 1,895,173; Jan. 24.
- Sandhagen, Carl J., Cedar Rapids, Iowa. Lavatory. 1,895,314; Feb. 21.
- San Diego Consolidated Gas and Electric Company. (See Goldkamp, Otto B., assignor.)
- Sandin, Jerome, Wilkins Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuse. 1,893,099; Feb. 21.
- Sandin, Jerome, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Combination fuse and current limiting resistor. 1,902,902; Mar. 28.
- Sandison, Alexander G. S., Kelda, Balta Sound, Shetland Islands, assignor to Republic Flow Meters Company, Chicago, Ill. Electrical recording instrument of the relay type. 1,906,105; Apr. 25.
- Sando, Joseph B. (See Beattie, W. P., and Sando, assignors.)
- Sando, Joseph B., Norwood, Ohio, and O. W. Johnson, Rochester, N. Y., assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Extractor suspension. 1,936,461; Nov. 21.
- Sandoz, Rollen, The Dalles, Oreg. Wrench. 1,903,270; Mar. 28.
- Sandqvist, Emma (Emilie), administratrix. (See Sandqvist, Håkan.)
- Sandqvist, Håkan, deceased, by Emma (Emilie) Lindqvist, Stockholm, administratrix, and T. O. H. Lindström, Kosta, Sweden. Obtaining phytosterol, fatty acids and resin acids from raw soap or liquid resin obtained in the manufacture of cellulose according to the sulphate method. 1,940,372; Dec. 19.
- Sands, Charles, Kenyon, Minn. Distributing device for pneumatic elevators. 1,923,460; Aug. 22.
- Sand's Level & Tool Company. (See Le Page, Joseph A., assignor.)
- Sands Manufacturing Company, The. (See Hamilton, Paul H., assignor.)
- Sands, Walter, Minneapolis, Minn. Golf bag support. 1,937,128; Nov. 28.
- Sand Spun Patents Corporation. (See Barr, C. D., and Moxley, assignors.)
- Sand Spun Patents Corporation. (See Barr, C. D., Moxley, and Houghton, assignors.)
- Sand Spun Patents Corporation. (See Morgan, Walter, assignor.)
- Sandstone, Harvey D., Los Angeles, Calif. Combination cutting drill and reaming bit. 1,899,727; Feb. 28.
- Sandstone, Harvey D., Portland, Oreg. Well drilling apparatus. 1,899,728; Feb. 28.
- Sandstone, Harvey D., Los Angeles, Calif. Article of manufacture in an electric well drill. 1,906,771; May 2.
- Sandstone, Harvey D., Los Angeles, Calif. Casing liner. 1,916,686; July 4.
- Sandstone, Harvey D., Los Angeles, Calif. Advancing motor drilling structure. 1,923,015; Aug. 15.
- Sandstrom, Eric, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,913,856; June 13.
- Sandt, Julius, Pirmasens, Germany. Smoothing shoe parts. 1,896,017; Jan. 31.
- Sandvoss, Hermann, Frankfurt-on-the-Main, Germany. Meter for heat quantities. 1,894,449; Jan. 17.
- Sandwell, Percy. (See Bell-Irving, R., and Sandwell.)
- Sanford, Baalis. (See Webster, D. E., and Sanford.)
- Sanford, Charles L., Meadville, Pa. Concrete joist block. 1,933,600; Nov. 7.
- Sanford, Hugh W. (See Getaz, James L., assignor.)
- Sanford, Hugh W. (See Hudson, Henry H., assignor.)
- Sanford Investment Company. (See Jones, Harry W., assignor.)
- Sanford Manufacturing Co. (See Carpenter, William W. S., assignor.)
- Sanford Mills. (See Clark, Frank W., assignor.)
- Sanford Mills. (See Higgins, Frank H., assignor.)
- Sanford Mills. (See Spring, Walter M., assignor.)
- Sanford, Ross T. (See Grebe, J. J., Boundy, and Sanford.)
- Sanford, Roy L. (See Everhart, C. O., and Sanford, assignors.)
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,898,315; Feb. 21.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Cable control. 1,902,585; Mar. 21.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,908,451; May 9.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,917,951; July 11.
- Sanford, Roy S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,923,234; Aug. 22.
- Sanford, Selden Bradley, Yonkers, assignor to Otis Elevator Company, New York, N. Y. Switching mechanism. 1,913,043; June 6.
- San Francisco Bridge Company. (See Hinde, Barrett G., assignor.)
- San Francisco Sulphur Company. (See Wieder, Ferd W., assignor.)
- Sangamo Electric Company. (See Holtz, F. C., and Kurz, assignors.)
- Sangamo Electric Company. (See Holtz, F. C., and Struck, assignors.)
- Sangamo Electric Company. (See Kurz, Fred, assignor.)
- Sangers, John H., Cleveland, assignor to The Jaeger Machine Company, Columbus, Ohio. Material handling mechanism. 1,909,379; May 16.
- Sanicut Manufacturing Co. (See Edwards, Emery D., assignor.)
- Sani-Fil, Inc. (See Lutts, W. E., and Graves, assignors.)
- Sanitary Auto Body Corporation. (See Lima, Henry C., assignor.)
- Sanitary Automatic Candy Corporation. (See Michlik, S., and O'Reilly, assignors.)
- Sanitary Garbage Body Mfg. Co. (See Silver, Jesse W., assignor.)
- Sanitary Postage Service Corporation. (See Gottfried, John, assignor.)
- Sanitary Products Corporation of America. (See Jay, William C., assignor.)
- Sanitary Public Service Corporation. (See Doane, Leroy C., assignor.)
- Sanite Corporation. (See Whitehouse, John N., assignor.)
- Sani-Tile Company, The. (See De Vol, James C., assignor.)
- Sankowsky, Nicholas A., Elizabeth, N. J., assignor to Standard Oil Development Company. Method of extraction. 1,933,077; Oct. 31.
- Sankus, John, Los Angeles, Calif. Tent. 1,940,147; Dec. 19.
- Sann, Otto, Johnstown, Pa. Mine jack. 1,921,542; Aug. 8.
- Sanna, Anthony R., Minneapolis, Minn. Producing milk powder. 1,929,450; Oct. 10.
- Sansom, Robert G., Jackson, Miss. Smoking pipe. 1,925,936; Sept. 5.
- Santa Cruz Portland Cement Company. (See Rice, Edward W., assignor.)
- Santagostino, Guido. (See Olmo, Enrico, assignor.)
- Santarsiero, Anthony V., Bronx, assignor of one-half to G. Pall, New York, N. Y. Combined helicopter and aeroplane. 1,925,609; Sept. 5.
- Santiago, James J., assignor to John Grant, Los Angeles, Calif. Hydraulic underreamer. 1,921,135; Aug. 8.
- Santiago, James J., assignor to John Grant, Los Angeles, Calif. Swivel joint. 1,921,136; Aug. 8.
- Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Well casing head. 1,928,821; Oct. 3.
- Santiago, James J., assignor to John Grant, Los Angeles, Calif. Well head. 1,933,935; Nov. 7.
- Santini, Danilo. (See Williams, H. W., and Santini.)
- Santini, Danilo, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Copper oxide rectifier. 1,919,398; July 25.
- Santoni, Ermenegildo, Florence, Italy. Photogrammetric apparatus. 1,925,207; Sept. 5.
- Santoro, Frank. (See Perrone, B., and Santoro.)
- Santos, John R. L., assignor to The Bartlett Hayward Company, Baltimore, Md. Gas holder. 1,894,635; Jan. 17.
- Santos, Joseph A., Oakland, Calif. Chair. 1,902,586; Mar. 21.
- Santsaver, Esther L., North Attleboro, Mass. Lingerie strap holder. 1,924,132; Aug. 29.
- Santurello, Peter, Columbus, Ohio. Container for liquids. 1,910,933; May 23.
- Sanwald, Elise, Pasing, near Munich, Germany. Zig-zag folding map. 1,921,332; Aug. 8.
- Sanzenbacher, Donald L., assignor to L. A. Darling Company, Bronson, Mich. Article display pedestal. Des. 90,262; July 4.
- Sapluk, John F., Seymour, Conn. Boot, etc. 1,927,420; Sept. 19.
- Sapp, John P., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for removing tires from molds. 1,895,943; Jan. 31.
- Saranac Bag Sealers, Inc. (See Litchfield, Isaac W., assignor.)
- Saranac Machine Company. (See Durand, Arthur F., assignor.)
- Saranac Patents Holding Company. (See Durand, Arthur F., assignor.)
- Sarazin, Robert, Neuilly-sur-Seine, France. Automatic machine with magnetic plates for regulating arcs. 1,899,829; Feb. 28.
- Sardeson, Robert, Minneapolis, Minn., assignor to Lewis Bolt & Nut Company. Bolt. 1,894,703; Jan. 17.
- Sardik, Inc. (See Sartakoff, Jack D., assignor.)
- Sarfert, Harry. (See Hejduk, F. J., and Sarfert.)

- Sargent, Charles R., Grand Rapids, Mich. Basket. 1,917,903; July 11.
- Sargent & Company. (See Ritter, Albert W., assignor.)
- Sargent & Company. (See Shaw, John H., assignor.)
- Sargent & Company. (See Steele, Fred, assignor.)
- Sargent & Company. (See Voight, Henry G., assignor.)
- Sargent & Company. (See Weller, John H., assignor.)
- Sargent & Company. (See Wispert, George D., assignor.)
- Sargent, Don A., Portland, Me. Ventilating and air-conditioning apparatus. 1,916,907; July 4.
- Sargent, Donald E., assignor to William & Matilda Sparks Foundation, Inc., Jackson, Mich. Artificial cascade stairway. Des. 89,213; Feb. 7.
- Sargent, Edgar H., Evanston, Ill. Football game. 1,929,757; Oct. 10.
- Sargent, Edwin M. (See Gaede, J. E., and Sargent.)
- Sargent, Edwin M., Newton, Kans. Control valve for containers. 1,913,412; June 13.
- Sargent, Fitz W., Mahwah, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,937,129; Nov. 28.
- Sargent, Frank P., San Francisco, Calif. Artificial leg. 1,934,210; Nov. 7.
- Sargent & Greenleaf, Inc. (See Bishop, Frank J., assignor.)
- Sargent & Greenleaf, Inc. (See Brown, Augustus C., 3d, assignor.)
- Sargent & Greenleaf, Inc. (See Diesel, William F., assignor.)
- Sargent & Greenleaf, Inc. (See Hill, Gerrit D., assignor.)
- Sargent & Greenleaf, Inc. (See Hill, G. D., and Brown, assignors.)
- Sargent, Irva H., Lawrenceburg, Tenn. Movable automobile headlight. 1,896,018; Jan. 31.
- Sargent, James A., assignor to Sharon Steel Hoop Company, Sharon, Pa. Cold rolling coated strip. 1,933,188; Oct. 31.
- Sargent & Lundy. (See Le Bailly, Andrew R., assignor.)
- Sargent, Robert A., Montpelier, Ohio. Furniture construction. 1,930,111; Oct. 10.
- Sargent, William D., Newark, N. J. Wheeled track-laying unit. 1,926,244; Sept. 12.
- Sargent, William D., Newark, N. J., assignor to Durafer (Inc.), Dover, Del. Brake shoe. 1,893,306; Jan. 3.
- Sargent, William D., West Orange, N. J., and C. G. Keller, Poughkeepsie, N. Y.; said Sargent assignor to Durafer (Inc.), Dover, Del. Vehicle wheel. 1,896,803; Feb. 7.
- Sargent's, C. G., Sons Corporation. (See Coleman, Spencer A., assignor.)
- Sargent's, C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
- Saris, J. Harry, and R. M., Beloit, Wis. Lock for spare wheels and tires. 1,909,723; May 16.
- Saris, Ralph M. (See Saris, J. Harry and R. M.)
- Sarrasin, Henry, Providence, R. I. Window locking device. 1,928,655; Oct. 3.
- Sartakoff, Jack D., Jackson Heights, assignor to Sardik, Inc., New York, N. Y. Food product and its manufacture. 1,908,489; May 9.
- Sarvent, Joseph G., Kansas City, Mo. Oil re-refiner. 1,936,033; Nov. 21.
- Sasboff, Stephan P., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric discharge device. 1,917,997; July 11.
- Sassano, Joseph, Yonkers, N. Y. Floor polishing machine. 1,938,300; Dec. 5.
- Sasse, Arno R., Kansas City, Mo., assignor of one-half to C. M. Hardenbergh, Minneapolis, Minn. Bread dough improving and bleaching process and composition. 1,913,044; June 6.
- Sassen, Bernard. (See De Haas, M., and Sassen.)
- Sassen, Bernard. (See Nenninger, L. F., and Sassen.)
- Sassen, Bernard, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Transmission mechanism. 1,938,785; Dec. 12.
- Sassenberg, Jost. (See Kurth, F. J., and Sassenberg.)
- Sassenberg, Jost, Cologne, assignor to F. J. Kurth, Cologne-Dellbrück, Germany. Device for distributing air. 1,926,794; Sept. 12.
- Sassenberg, Jost, Cologne, assignor to F. J. Kurth, Cologne-Dellbrück, Germany. Air or gas distributor. 1,926,795; Sept. 12.
- Satake, Elji, Yanagi-Dori, Nishinari-Ku, Osaka, Japan. Treating kaoliang. 1,911,534; May 30.
- Satchwell, Leonard, Slough, England. Thermostat. 1,914,675; June 20.
- Satchwell, Leonard, Slough, England. Thermostatic switch. 1,914,676; June 20.
- Satler, Louis L., Tarentum, assignor to Allegheny Steel Company, Brackenridge, Pa. Method of lead coating ferrous alloys containing a relatively high percentage of chromium. 1,910,366; May 23.
- Sato, Sekichi, Sendai, Japan. Self recording dilatometer. 1,905,607; Apr. 25.
- Satterquist, John, Olympia, assignor of one-half to Mill Engineering and Supply Company, Seattle, Wash. Unloading apparatus. 1,894,326; Jan. 17.
- Satterthwaite, Thomas W., assignor to H. F. Benjamin, J. D. Pell, New York, N. Y., and R. Ely, Short Hills, N. J. Package sealing machine. 1,893,307; Jan. 3.
- Satterthwaite, Thomas W., assignor to H. F. Benjamin, J. D. Pell, New York, N. Y., and R. Ely, Short Hills, N. J. Merchandise packaging. 1,909,126; May 16.
- Satterthwaite, Thomas W., assignor to H. F. Benjamin and J. D. Pell, New York, N. Y., and R. Ely, Short Hills, N. J. Package. 1,909,127; May 16.
- Sattler, Carl, and H. B. Haskins, assignors, by mesne assignments, to The Dura Company, Toledo, Ohio. Window regulator. 1,925,501; Sept. 5.
- Saucier, Edward E., assignor of one-half to Donat Gervais, Lowell, Mass. Oscillatory combined windshield heater and wiper device. 1,894,200; Jan. 10.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Automobile signal lamp. Des. 89,451; Mar. 14.
- Sauer, Louis B., Western Springs, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ignition system. 1,924,292; Aug. 29.
- Sauer, Louis J., Oak Park, assignor to Charles H. Joy, sr., Chicago, Ill. Copying machine. 1,937,789; Dec. 5.
- Sauer, Louis J., Oak Park, assignor to Charles H. Joy, sr., Chicago, Ill. Duplicator roll. 1,937,790; Dec. 5.
- Sauerbrey, Frederick W., assignor to The Prosperity Company Inc., Syracuse, N. Y. Positive two-hand control. 1,912,861; June 6.
- Sauerman Bros., Inc. (See Dierks, Louis E., assignor.)
- Sauerwald, Irvin, York, assignor to The McKay Company, Pittsburgh, Pa. Tire chain fastener. 1,914,298; June 13.
- Sauerwald, Irvin, York, assignor to The McKay Company, Pittsburgh, Pa. Tire chain fastener. 1,914,299; June 13.
- Saunier, Joseph, New Bedford, Mass. Garment enveloping bag. 1,912,311; May 30.
- Saum, John E., assignor to Trupar Manufacturing Company, Dayton, Ohio. Shelf for refrigerators, show cases, and the like. 1,930,773; Oct. 17.
- Saunders, Addison T., Akron, Ohio, assignor to A. G. Spaulding & Bros., New York, N. Y. Shuttle for badminton and the like. 1,924,259; Aug. 29.
- Saunders, Alec L., Ottawa, Ontario, assignor to E. B. Eddy Company, Limited, Hull, Quebec, Canada. Paper cabinet. 1,904,297; Apr. 18.
- Saunders, Bertha, Hollywood, Calif. Hair waver. 1,917,549; July 11.
- Saunders, Bertha, Hollywood, Calif. Hair waver. 1,917,550; July 11.
- Saunders, Edward R. (See Davis, C. F., and Saunders.)
- Saunders, Edward R., Chattanooga, Tenn., assignor to Structural Gypsum Corporation, Linden, N. J. Slab construction. 1,912,920; June 6.
- Saunders, James A., et al. (See Sperling, Oscar, assignor.)
- Saunders, James C., assignor, by mesne assignments, to Giant Hammer Mill Company, Bainbridge, Ga. Hammer mill for grinding or pulverizing varieties of materials. 1,911,718; May 30.
- Saunders, John E., Maplewood, N. J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 1,934,094; Nov. 7.
- Saunders, Kenneth H., Manchester, assignor to Imperial Chemical Industries Limited, London, England. Manufacture of mercaptobenzthiazol. 1,911,716; May 30.
- Saunders, Kenneth H., Blackley, Manchester, assignor to Imperial Chemical Industries Limited, Westminster, England. Manufacture of nitroaminobenzene. 1,911,717; May 30.
- Saunders, Norman H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,902,186; Mar. 21.
- Saunders, Norman H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,902,187; Mar. 21.
- Saunders, Norman H., Homewood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Code signal generating device. 1,932,190; Oct. 24.
- Saunders, Norman H., Chicago, C. E. Lomax, Oak Park, and T. F. Crocker, Chicago, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Multifunction telephone system. 1,899,112; Feb. 28.
- Saunders, Norman H., Chicago, and C. E. Lomax, Oak Park, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,904,933; Apr. 18.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Top prop joint. 1,897,442; Feb. 14.
- Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Striker plate. 1,924,806; Aug. 29.
- Saunders, William D., Blacksburg, Va. Liquid strainer. 1,910,774; May 23.
- Saurbrey, Alexis, Pittsburgh, Pa. Apparatus for handling materials. 1,911,397; May 30.
- Saure, Albert. (See Meyer-Gaus, K., and Saure.)
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support. 1,911,586; May 30.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Shock insulator. 1,919,484; July 25.
- Saurer, Curt, and I. W. Robertson, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber shock insulator. 1,927,808; Sept. 19.
- Säureschutz Gesellschaft m. b. H. (See Lebach, H., and Wirth, assignors.)

- Saurwein, Albert G., Cleveland, Ohio, assignor to National Carbon Company, Inc. Arc lamp mechanism. 1,904,541; Apr. 18.
- Saurwein, Karl. (See Ulrich, H., and Saurwein.)
- Sausen, Bert R. (See Bramsen, S., and Sausen.)
- Sauter, Edwin A., Mount Vernon, N. Y. Circuit breaker. 1,923,889; Aug. 22.
- Sauter, Friedrich, Weingarten, Germany. Letter box. 1,900,078; Mar. 7.
- Sauzède, Claude, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation. Making rims. 1,912,594; June 6.
- Savage, John L. (See McClellan, L. N., Kinzie, Savage, and Day.)
- Savage, Miles H., Tulsa, Okla. Liquid level control valve. 1,926,016; Sept. 5.
- Saval, Theodore, Chicago, Ill. Binding construction for shoes. 1,937,916; Dec. 5.
- Savaria, Oswald A., Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Valve organization for playing balls and the like. 1,916,935; July 4.
- Saville Perfumery Limited. (See Worssam, George S., assignor.)
- Saville, Willie, Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 1,908,338; May 2.
- Saville, Willie, Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,917,551; July 11.
- Savoye, Charles U. (See Kerr, H. J., and Savoye.)
- Sawford, Harold S., Ozone Park, N. Y. Radiograph marking means and making the same. 1,922,822; Aug. 15.
- Sawford, Harold S., Ozone Park, N. Y. Marking radiographs. 1,922,823; Aug. 15.
- Sawin, Kenneth A., Winthrop, assignor to Wheeler Re-ector Company, Boston, Mass. Floodlight. 1,902,587; Mar. 21.
- Sawin, Lester M., Chicago, Ill. Roasting nuts. 1,908,059; May 9.
- Sawtelle, C. William. (See Manucci, D., Malatesta, and Sawtelle.)
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Forming a brake band. 1,926,064; Sept. 12.
- Sawtelle, Charles A., assignor to S. and D. Engineering Company, Detroit, Mich. Hydraulic brake mechanism. 1,938,979; Dec. 12.
- Sawyer, Charles B., Cleveland Heights, assignor to The Brush Laboratories Company, Cleveland, Ohio. Flow meter. 1,902,427; Mar. 21.
- Sawyer, Clinton H., New York, N. Y. Making columns and the like. 1,934,822; Nov. 14.
- Sawyer, Luke E. (See Maxwell, C. A., Abell, and Sawyer.)
- Sawyer, Wilfred D., Long Beach, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Adjustable connection for draw works girt. 1,924,199; Aug. 29.
- Sax, Harry, Chicago, Ill. Shading drawings. 1,905,061; Apr. 25.
- Saxby, Robert N., assignor to Automatic Electric Company Limited, Liverpool, England. Indicating device. 1,930,540; Oct. 17.
- Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Priming liquid pumps. 1,910,775; May 23.
- Saxton, Ellsworth E., Bremerton, Wash. Collapsible umbrella. 1,896,722; Feb. 7.
- Sayers, Albert J., assignor to Link-Belt Company, Chicago, Ill. Apparatus for supplying compressed air to wash boxes. 1,926,408; Sept. 12.
- Sayers, Albert J., assignor to Link-Belt Company, Chicago, Ill. Washbox water control. 1,926,409; Sept. 12.
- Sayers, William W., assignor to Link-Belt Company, Chicago, Ill. Tray for water screens. 1,910,860; May 23.
- Sayers, William W., assignor to Link-Belt Company. Guide roll mount. 1,924,807; Aug. 29.
- Saylor, Galen H. (See Miner, C. S., and Saylor.)
- Saylor, William. (See Jacobsen, Armand P., assignor.)
- Saylor, Frank D., Detroit, Mich. Circular loom. 1,915,335; June 27.
- Saylor, Frank D., Highland Park, Mich. Pliers. 1,939,574; Dec. 12.
- Sayre, Kenneth H., assignor of forty-five per cent to J. C. Thorn, New York, N. Y. Device for transmitting and recording telephone messages. 1,904,298; Apr. 18.
- Sayre, Roy L. (See Zaloudek, W. A., Syverud, and Sayre.)
- Sbica, Frank, assignor to Sbica-Method Shoes Incorporated, Philadelphia, Pa. Producing complementary insole-outsole combinations. 1,902,725; Mar. 21.
- Sbica-Method Shoes Incorporated. (See Sbica, Frank, assignor.)
- Shurlino, Pascal, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,908,060; May 9.
- Shurlino, Pascal, and H. F. Gaeke, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 1,898,065; Feb. 21.
- Scaife, Joseph D., Leamington Spa, England, assignor to The Hould Machine Company, Worcester, Mass. Grinding machine. 1,938,933; Dec. 12.
- Scales, Lewis J., Gary, Ind., assignor to Signode Steel Strapping Company, Chicago, Ill. Loading and transporting merchandise. 1,920,917; Aug. 1.
- Scammell China Company. (See Schnepf, Emil L., assignor.)
- Scammell Lorries, Limited. (See North, O. D., and Hugh, assignors.)
- Scandore, Nicholas, Brooklyn, N. Y. Container construction. 1,894,295; Jan. 17.
- Scanlan-Morris Company. (See Blashfield, Floyd A., assignor.)
- Scaplen, Ernest A., East Lynn, Mass. Automobile license plate holder. 1,913,773; June 13.
- Scarborough, Gena. (See Johnson, Raymond A., assignor.)
- Scarb, Anthony, Brooklyn, N. Y. Envelope. 1,896,425; Feb. 7.
- Scarlett, Robert L., Musselburgh, Scotland. Seed-sowing implement. 1,896,562; Feb. 7.
- Scarritt, Winthrop T., Utica, N. Y. Machine for manufacturing stiff spiral tubes. 1,918,137; July 11.
- Scavullo, Angelo C., Great Kills, N. Y., assignor to New Yorker Hotel Corporation. Plate or similar article. Des. 88,932; Jan. 3.
- Schaaf, Richard A., New York, N. Y. Car doorlatch. 1,917,159; July 4.
- Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current collector. 1,899,729; Feb. 28.
- Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current-collecting device. 1,934,510; Nov. 7.
- Schaal, Earl V. (See Oishei, J. R., and Schaal.)
- Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Horn. 1,926,688; Sept. 12.
- Schabelitz, Ernest J. (See McAdoo, William D., assignor.)
- Schabelitz, William, Lucerne, Switzerland. Device for the electrothermic treatment of metals. 1,902,896; Mar. 28.
- Schabert, Frank. (See Anderson, E., and Schabert.)
- Schachat, Abraham B., New York, N. Y., assignor, by mesne assignments, to Hookless Fastener Company, Meadowville, Pa. Key or slider for automatic fasteners and the like. 1,929,078; Oct. 3.
- Schacht, Clifford A., Huntington, Ind. Faucet connector. 1,894,711; Jan. 17.
- Schacht, Clifford A., Huntington, Ind. Antislasher. 1,896,204; Feb. 7.
- Schacht, Clifford A., Huntington, Ind. Dish scraper. 1,898,690; Feb. 21.
- Schacht, Clifford A., Huntington, Ind. Scraper. 1,898,747; Feb. 21.
- Schacht, Clifford A., Huntington, Ind. Sliding caster. 1,903,687; Apr. 11.
- Schacht, Clifford A., Huntington, Ind. Sliding caster. 1,903,688; Apr. 11.
- Schacht, Clifford A., Huntington, Ind. Sliding caster. 1,903,689; Apr. 11.
- Schacht, Clifford A., Huntington, Ind. Sliding caster cup. 1,903,690; Apr. 11.
- Schacht, Clifford A., Huntington, Ind. Dish scraper. 1,919,865; July 25.
- Schacht, Clifford A., Huntington, Ind. Fruit jar opener. 1,919,866; July 25.
- Schacht, Clifford A., Huntington, Ind. Caster. 1,937,438; Nov. 28.
- Schacht, Clifford A., Huntington, Ind. Machine for use in painting small objects. 1,937,439; Nov. 28.
- Schacht, Einar, St. Albans, N. Y. Electric switch. 1,941,274; Dec. 26.
- Schacht, Elmer C., assignor to Behr-Manning Corporation, Troy, N. Y. Printer's blanket. 1,897,864; Feb. 14.
- Schacht, Elmer C., assignor to Behr-Manning Corporation, Troy, N. Y. Paper making process. 1,904,087; Apr. 18.
- Schacht, William F., Huntington, Ind. Label. Des. 89,265; Feb. 14.
- Schacht, William F., Huntington, Ind. Caster roller. 1,902,726; Mar. 21.
- Schacht, William F., Huntington, Ind. Sink stopple. 1,912,312; May 30.
- Schacht, William F., Huntington, Ind. Composite rubber sole and making same. 1,917,737; July 11.
- Schacht, William F., Huntington, Ind. Sink stopple. 1,925,008; Aug. 29.
- Schacht, William F., Huntington, Ind. Tank ball. 1,937,440; Nov. 28.
- Schacht, William F., Huntington, Ind. Sink stopple. 1,937,441; Nov. 28.
- Schackelford, George. (See Whitman, Stewart C., assignor.)
- Schade, Arthur, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden, Biebrich, Germany. Method and apparatus for feeding sheets. 1,932,680; Oct. 31.
- Schade, Frank S. (See Schade, John and F. S.)
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Calendar and memorandum stand. 1,940,632; Dec. 19.
- Schade, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Removing articles from packing cases. 1,919,380; July 25.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. File container for loose leaf sheets. 1,899,530; Feb. 28.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Fly sheet for loose leaf ring books. 1,911,398; May 30.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Booster for loose leaf ring books. 1,918,567; July 18.

- Schade, John and F. S., assignors to National Blank Book Company, Holyoke, Mass. Loose leaf binder. 1,898,215; Feb. 21.
- Schade, John and F. S., assignors to National Blank Book Company, Holyoke, Mass. Slide fastener construction. 1,898,216; Feb. 21.
- Schade, Otto H., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Automatic volume control. 1,916,129; June 27.
- Schade, Paul F., assignor to Chemieprodukte G. m. b. H., Berlin, Germany. Protecting gas or water pipes, electric cables, or the like. 1,914,897; June 20.
- Schaefer, Alfred H., Baltimore, Md. Rotary internal combustion motor. 1,921,782; Aug. 8.
- Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Single-phase motor. 1,894,124; Jan. 10.
- Schaefer, Erich, New York, N. Y. Alarm clock attachment. 1,899,113; Feb. 28.
- Schaefer, Eugene. (See Weber, F. W., and Schaefer.)
- Schaefer, F. & M., Brewing Co., The. (See Rickers, Frank W., assignor.)
- Schaefer, Ferdinand A., Baltimore, Md. Buckle. 1,913,413; June 13.
- Schaefer, Ferdinand A., Baltimore, Md. Buckle. 1,934,951; Nov. 14.
- Schaefer, Frederic, Pittsburgh, Pa. Manufacturing brake hangers. 1,913,171; June 6.
- Schaefer, Frederic, Pittsburgh, Pa. Making brake hangers. 1,930,729; Oct. 17.
- Schaefer, George H. (See Jones, John M., assignor.)
- Schaefer, Josef, Dortmund, Germany. Utilization of the perceptible heat of finished coke. 1,898,267; Feb. 21.
- Schaefer, Joseph M., assignor to Zenith Radio Corporation, Chicago, Ill. Key-operated device for radio systems. 1,906,106; Apr. 25.
- Schaefer, Paul, Crystal Lake, Ill. Oil burner. 1,911,090; May 23.
- Schaefer, William K., Detroit, Mich. Lubricating device. 1,919,451; July 25.
- Schaeffer, Charles, assignor to Ste. Anme des Anciens Etablissements Panhard & Levassor, Paris, France. Braking device for motor vehicles. 1,913,901; June 13.
- Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Joint. 1,897,914; Feb. 14.
- Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll construction. 1,938,863; Dec. 12.
- Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll eye mounting. 1,938,866; Dec. 12.
- Schaeffer, Elmer R., Crestwood, N. Y., assignor to The Philip Carey Manufacturing Company. Eaves construction for wood deck storage. 1,907,590; May 9.
- Schaeffer, Elmer R., Crestwood, assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. System for preventing electrical ignition of reservoir stored inflammables. 1,916,335; July 4.
- Schaeffer, Frederic, Pittsburgh, Pa. Manufacturing closed link brake hangers. 1,933,638; Nov. 7.
- Schaeffer, George D., assignor to W. A. Riddell Company, Bucyrus, Ohio. Grader. 1,915,105; June 20.
- Schaeffer, Jean A., and G. Pfersch, Beynes, assignors to Compagnie Technique des Pétroles, Paris, France. Apparatus for treating liquids. 1,908,923; May 16.
- Schaeffer, Jean A., and G. Pfersch, Beynes, assignors to Compagnie Technique des Pétroles, Paris, France. Treating hydrocarbon oils. 1,908,924; May 16.
- Schaeffer, John J. (See Mason, Charles R., assignor.)
- Schaeffer, Walter, Frankfort-on-the-Main, Germany. Filling an ampule. 1,922,452; Aug. 15.
- Schaeffer, Walter, Frankfort-on-the-Main, Germany. Process and machine for filling ampoules. 1,925,502; Sept. 5.
- Schaeffers, Joseph, Philadelphia, Pa. Internal combustion engine. 1,900,133; Mar. 7.
- Schaeffers, Joseph, Camden, N. J. Internal combustion engine. 1,905,062; Apr. 25.
- Schaelchlin, Walter, assignor to Westinghouse Electric & Manufacturing Company, Wilkesburg, Pa. Control system. 1,927,903; Sept. 26.
- Schaelchlin, Walter, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current limit acceleration. 1,934,512; Nov. 7.
- Schaelchlin, Walter, Wilkesburg, and E. Frisch, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control systems. 1,940,887; Dec. 26.
- Schae, Charles, Langenthal, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Internal combustion engine, more particularly for the propulsion of vehicles. 1,896,852; Feb. 7.
- Schae, Charles, Langenthal, assignor to the Firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Cooling apparatus for reciprocating pistons. 1,928,033; Sept. 26.
- Schae, Paul, Geneva, Switzerland. Photographic camera. 1,928,983; Oct. 3.
- Schaeren, Ernst, assignor to Firm Sulzer-Freres Societe Anonyme, Winterthur, Switzerland. Fuel injection device for liquid fuel injection internal combustion engines. 1,909,014; May 16.
- Schaerer, Otto, Basel, Switzerland. Automatic lathe. 1,898,902; Feb. 21.
- Schaerer, Otto, Basel, Switzerland. Material feeding device for automatic vertical lathes. 1,939,137; Dec. 12.
- Schäfer, Carl, Solingen-Weyer, Germany. Device for simultaneously opening a plurality of valves. 1,893,657; Jan. 10.
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the manufacture of laminated glass. 1,933,639; Nov. 7.
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass edging machine. 1,933,640; Nov. 7.
- Schafer, Earl R. (See Heritage, C. C., Schafer, and Carpenter.)
- Schafer, George W., Louisville, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Meter and switch mounting support. 1,924,659; Aug. 29.
- Schäfer, Gustav, Stuttgart, Germany. Electric switch. 1,898,691; Feb. 21.
- Schafer, John C. F. Mount Pulaski, and J. F. Bleser, Springfield, Ill.; said Bleser assignor to said Schafer. Damper. 1,901,125; Mar. 14.
- Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Fisherman's reel. 1,898,316; Feb. 21.
- Schäfer, Josef. (See Meyer, R., and Schäfer.)
- Schäfer, Josef, assignor to the Firm J. R. Geigy, S. A., Basel, Switzerland. Manufacture of tanning substances. 1,901,536; Mar. 14.
- Schafer, Robert A., assignor to The National Automatic Tool Company, Richmond, Ind. Hydraulic actuating and control valve means. 1,920,596; Aug. 1.
- Schäfer, Wilhelm, Mannheim, Germany. Concrete and like block making machine. 1,920,716; Aug. 1.
- Schaff, Almanzo, assignor to Scovill Manufacturing Company, Waterbury, Conn. Torch. 1,929,039; Oct. 3.
- Schaffer, Jacob I., Bronx, N. Y. Buckle. 1,934,511; Nov. 7.
- Schaffer, Max, Springfield, Mass. Table. 1,924,460; Aug. 29.
- Schaffer Paul S. (See Haller, H. L. J., and Schaffer.)
- Schaffer Poidometer Company. (See Weiland, George C., assignor.)
- Schaffer, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Method and arrangement for diminishing noise in vacuum tubes. 1,919,598; July 25.
- Schäffer, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave measurement. 1,928,765; Oct. 3.
- Schaffert, Adolf H., assignor to Truscon Steel Company, Youngstown, Ohio. Metal structure. 1,913,342; June 6.
- Schaffert, Adolf H., assignor to Truscon Steel Company, Youngstown, Ohio. Mounting device for concrete wall structures and the like. 1,924,884; Aug. 29.
- Schaffert, Adolf H., assignor to Truscon Steel Company, Youngstown, Ohio. Metallic window structure. 1,936,268; Nov. 21.
- Schaffert, Adolf H., assignor to Truscon Steel Company, Youngstown, Ohio. Metal window structure. 1,936,270; Nov. 21.
- Schaffert, Adolf H., and J. R. Montgomery, assignors to Truscon Steel Company, Youngstown, Ohio. Safety latch and lock for door operators. 1,936,269; Nov. 21.
- Schaffert, Frederick, Carlstadt, N. J. Pulley stile for window frames. 1,895,209; Jan. 24.
- Schaffert, Frederick, Carlstadt, N. J. Shiplap brick siding. 1,931,709; Oct. 24.
- Schaffner, Frederick W., Brooklyn, N. Y. Carburetor jet and control therefor. 1,919,134; July 18.
- Schäfflein, Karl, Bern, Switzerland. Casting apparatus for stereotype plates having a mold adapted to be pressed immediately against the melting pot. 1,897,823; Feb. 14.
- Scalise, Anthony J., Cleveland, Ohio. Folding pie cutter. 1,934,996; Nov. 14.
- Scalisi, Ignazio J., Albany, N. Y. Parachute attachment for airships. 1,929,120; Oct. 3.
- Schalk, Heinrich, Gustavsburg, near Mainz, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Manufacture of locking nuts. 1,913,685; June 13.
- Schall, Herbert, and M. D. Nelson, Milwaukee, Wis. Cattle-fish-bone holder. 1,918,429; July 18.
- Schallis, Charles A., Ernestville, assignor to Thomas A. Edison Incorporated, West Orange, N. J. Infusion device and the like. 1,922,782; Aug. 15.
- Schallock, Lillian M., Montague, Mich. Toilet article. 1,933,765; Nov. 7.
- Schalscha, Max, Summit, N. J. Pile hammer. 1,917,066; July 4.
- Schanke, Helmer, Blue Earth, Minn. Attachment for aircraft propellers. 1,924,461; Aug. 29.
- Schanley, Floyd, Pottstown, Pa. Defrosting attachment for transparent bodies. 1,940,062; Dec. 19.
- Schantz, Gordon M., and W. P. Diefenderfer, Allentown, Pa., assignors to International Motor Company, New York, N. Y. Tractor bus body. 1,917,396; July 11.
- Schantz, Henry, New Castle, Pa. Molding tool for molding machines. 1,902,047; Mar. 21.
- Schanzer, Raymond E., New Orleans, La. Treatment of chicory. 1,930,185; Oct. 10.
- Schaper, Georg, Mulheim-Ruhr-Brolch, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Cooled nozzle segment for combustion gas turbines. 1,928,504; Sept. 26.

- Schaper, Harry C., Columbus, Ohio, assignor to International Scale Company, New York, N. Y. Automatic weight indicating scales. 1,904,542; Apr. 18.
- Scharff, Franz, assignor to the Firm Carl Zeiss, Jena, Germany. Device for influencing by means of a ray projector a cell sensitive to light. 1,896,830; Feb. 7.
- Scharff, Joseph H., Nutley, N. J., assignor to J. C. Litt, Manhasset, and P. W. Cowles, Scarsdale, N. Y., and Automatic Fire Alarm Company, New York, N. Y. Signaling system and apparatus therefor. 1,915,263; June 20.
- Schargorodsky, Lazar, assignor to the Firm Hannoversche Maschinenbau-Aktien-Gesellschaft vormals Georg Egestorff Hanomag, Hannover, Linden, Germany. Starting internal combustion engines. 1,900,367; Mar. 7.
- Schario, Augustus L., and E. P. Kieswetter; said Schario assignor to May E. Schario, Kitchener, Ontario, Canada. Display rack. 1,918,871; July 18.
- Schario, May. (See Schario, A. L., assignor, and Kieswetter.)
- Scharlau, Hans. (See Leib, A., and Scharlau.)
- Scharli, Rudolf, assignor to Aktiengesellschaft, Brown, Boveri & Cie, Baden, Switzerland. Variable transformer structure. 1,915,168; June 20.
- Scharli, Rudolf, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Transformer system. 1,926,689; Sept. 12.
- Scharnberg, Herman J. B., Fort Wadsworth, N. Y. Sugar mill crusher roll. 1,912,467; June 6.
- Scharnowski, Ernst, Gleiwitz, Germany. Color displaying device. 1,917,464; July 11.
- Scharringhausen, Paul J., Des Plaines, Ill. Illuminated sign. 1,931,742; Oct. 24.
- Schatz, Grover H., assignor to The Federal Bearings Company, Inc., Poughkeepsie, N. Y. Antifriction bearing. 1,910,061; May 23.
- Schatz, Hermann. (See Meidert, F., and Schatz.)
- Schatzel, Rudolph A. (See Benner, A. A., and Schatzel.)
- Schaub, Fred H., University City, Mo. Heat exchange system. 1,939,415; Dec. 12.
- Schaub, Jacob, Westfield, N. J., assignor to Best Foods, Inc., New York, N. Y. Packaging machine. 1,895,899; Jan. 31.
- Schaub, James B., Wilmette, Ill. Air current conveyor. 1,901,932; Mar. 21.
- Schaub, Warren L. (See Trainor, E. G., and Schaub.)
- Schauer, Karl, Los Angeles, Calif. Machine for folding noodles. 1,908,868; May 16.
- Schaum, Fletcher, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Centrifugal. 1,896,466; Feb. 7.
- Schaum, Fletcher, assignor to Fletcher Works, Philadelphia, Pa. Drive release and brake for extractors. 1,905,950; Apr. 25.
- Schauman, Bror M., Atlantic Highlands, N. J. Aircraft. 1,907,160; May 2.
- Schauman, Karl O., Hampton Wick, England. Serving-hatchway and the like. 1,935,130; Nov. 14.
- Schaumann, Otto. (See Bockmühl, M., Lindner, and Schaumann.)
- Schaumberg, William H., et al. (See Joyce, Richard M., assignor.)
- Schauweker, William K., Cleveland, Ohio. Vending apparatus. 1,910,367; May 23.
- Schavoir, Frederick H., Stamford, Conn. Figure toy. 1,940,608; Dec. 19.
- Schebera, Ernst, Detroit, and H. A. Shaw, Huntington Woods, assignors to Ternestdt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 90,086; June 6.
- Scheel, Joachim E., Karlsruhe, W. H. Bull. Durlach, and R. C. von Freydror, Karlsruhe, Germany. Device for indicating the level of liquids. 1,927,758; Sept. 19.
- Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Protective closure. 1,924,330; Aug. 29.
- Scheer, Charley A., Cedar Rapids, Iowa. Combined safety razor and stropper. 1,916,936; July 4.
- Scheer, William H. (See Daugherty, Fount F., assignor.)
- Scheerer, Ernest O., Linden, N. J. Power apparatus. 1,928,984; Oct. 3.
- Scheetz, Paul V. (See Weigand, H. J., and Scheetz.)
- Scheffer, Marinus A. (See Kluyver, A. J., and Scheffer.)
- Scheffler, Frederick W., Joliet, Ill. Antifriction bearing. 1,928,114; Sept. 26.
- Scheibell, Gordon B., Newark, N. J. Sound recording apparatus. 1,892,855; Jan. 3.
- Scheibell, Gordon B., Newark, N. J. Film apparatus. 1,900,738; Mar. 7.
- Scheibell, Gordon B., Newark, N. J., assignor to Wired Radio, Inc., New York, N. Y. Oscillation generator. 1,894,636; Jan. 17.
- Scheibell, Gordon B., Newark, N. J., assignor to Wired Radio, Inc., New York, N. Y. Oscillation system. 1,894,637; Jan. 17.
- Scheibell, Gordon B., Newark, N. J., assignor to Wired Radio, Inc., New York, N. Y. System of electrical distribution. 1,901,059; Mar. 14.
- Scheibell, Gordon B., assignor to Radio Corporation of America, New York, N. Y. Piezo electric crystal holder. 1,933,601; Nov. 7.
- Scheiber, Johannes, Leipzig, Germany. Treatment of fatty oils. 1,896,467; Feb. 7.
- Scheiber, Johannes, Leipzig, Germany. Manufacture of shellac substitutes. 1,927,472; Sept. 19.
- Scheiber, Johannes, Leipzig, assignor to Walter Dux, Hanover, Germany. Shellac substitute. 1,903,598; Apr. 11.
- Scheiber, Johannes, Leipzig, assignor to W. Dux, Hanover, Germany. Preparing shellac-like resins from agathocopal resins. 1,933,468; Dec. 5.
- Scheiber, William J. (See Kienle, R. H., and Scheiber.)
- Scheible, Martin, Detroit, Mich. Die casting machine. 1,939,831; Dec. 19.
- Scheibll, John A., and C. H. Cansdale, Mexico City, Mexico. Recording device for grading thread and the like. 1,915,204; June 20.
- Scheibner, Aaron B., Audubon, N. J. Christmas garden hedge. 1,922,398; Aug. 15.
- Scheid, Johann F., Hermsdorf in Thuringia, assignor to Porzellanfabrik Kahla, Kahla in Thuringia, Germany. Resistance body. 1,917,331; July 11.
- Scheidegger, Frederick, Schenectady, N. Y. Hospital bed crane. 1,914,171; June 13.
- Scheidhauer, Alfred, Frankfurt-on-the-Main, Germany. Self fed autogenous fusing machine. 1,932,641; Oct. 31.
- Scheidler, Ralph R. (See Meyer, H. M., and Scheidler.)
- Scheidt, Alfred W., Sewaren, N. J., assignor to The Electric Smelting & Aluminum Company, Cleveland, Ohio. Melting furnace and constructing and operating same. 1,932,354; Oct. 24.
- Scheidt, Alfred W., Sewaren, N. J., assignor to The Electric Smelting & Aluminum Company, Cleveland, Ohio. Melting furnace with secondary heating features. 1,932,355; Oct. 24.
- Scheil, Erich, Dortmund, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Eliminating arsenic and antimony from iron ores and manganese ores. 1,923,511; Aug. 22.
- Schelhammer, Harman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Mounting for centrifugal pump impellers. 1,912,408; June 6.
- Schell, Charles, assignor to Schell Leather Goods Company, Cincinnati, Ohio. Brief case. 1,894,544; Jan. 17.
- Sceull, Harry A., Philadelphia, Pa. Paste tube with measuring device and captive cap. 1,919,044; July 18.
- Schell Leather Goods Company. (See Schell, Charles, assignor.)
- Schellberg, Oscar B., New York, N. Y. Colonic apparatus. 1,937,362; Nov. 28.
- Schellenbach, William L., Wyoming, Ohio. Machine tool feeding apparatus. 1,917,905; July 11.
- Schelleng, John C., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 1,926,886; Sept. 12.
- Schelleng, John C., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio direction finding. 1,931,853; Oct. 24.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Fixed clamp. 1,894,327; Jan. 17.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Resistance strip and making same. 1,903,142; Mar. 28.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Rheostat. 1,913,686; June 13.
- Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Rheostat. 1,920,217; Aug. 1.
- Schellens, Christopher A. (See Schellens, Eugene L. and C. A.)
- Schellens, Christopher A., Marblehead, Mass., assignor to C-S Engineering Company, Englewood, N. J. Packing for centrifugal pumps. 1,936,771; Nov. 28.
- Schellens, Eugene L., Ridgewood, assignor to C-S Engineering Company, Englewood, N. J. Locomotive. 1,932,230; Oct. 24.
- Schellens, Eugene L., Millburn, N. J., and C. A. Schellens, Marblehead, Mass., assignors to C-S Engineering Company, Jersey City, N. J. Locomotive. 1,905,063; Apr. 25.
- Schellens, Eugene L., Ridgewood, N. J., and C. A. Schellens, Marblehead, Mass., assignors to C-S Engineering Company, Englewood, N. J. Condensing locomotive. 1,924,341; Aug. 29.
- Schellentrager, Eugene W., Shaker Heights, assignor to Atlas Bolt & Screw Company, Cleveland, Ohio. Discharge control protecting means. 1,898,021; Feb. 21.
- Schellentrager, Eugene W., Shaker Heights, assignor to The Atlas Bolt & Screw Company, Cleveland, Ohio. Recording means for materials handling systems. 1,909,724; May 16.
- Scheller, Curt, Chemnitz, Germany. Flat hosiery frame. 1,920,597; Aug. 1.
- Scheller, Curt, Chemnitz, Germany. Flat hosiery frame. 1,938,154; Dec. 5.
- Scheller, Emil, Lorschach-in-Taunus, Germany. Manufacture of cellulose solutions. 1,936,483; Nov. 21.
- Schellin, John C., Wooster, Ohio. Hose coupling reinforcing means. 1,914,961; June 20.
- Schellmann, Max. (See Franzen, H., and Schellmann.)
- Schellmann, Max, Oppau, and H. Franzlin, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Refining of vegetable oils and fats. 1,927,850; Sept. 26.
- Schemmel, R. C., et al. (See Hall, William J., assignor.)
- Schemmel, Robert C., Union City, Ind. Finishing welt. 1,900,768; Mar. 7.
- Schemmel, Robert C., Union City, Ind. Molding. 1,900,769; Mar. 7.

- Schemmel, Robert C., Union City, Ind. Finishing welt. 1,904,543; Apr. 18.
- Schemmel, Robert C., Union City, Ind. Finishing welt. 1,924,382; Aug. 29.
- Schempp, Max, New York, N. Y. Mop cleaner. 1,929,609; Oct. 10.
- Schenck, John F., sr., Lawndale, N. C. Winding and tensioning mechanism for cordbraiding machines. 1,937,414; Nov. 28.
- Schenck, LeRoy C., Moline, Ill., assignor to Troy Laundry Machinery Company, Inc., New York, N. Y. Oscillation limit device. 1,893,038; Jan. 3.
- Schenck, Le Roy C., Moline, assignor to Troy Laundry Machinery Company, East Moline, Ill. Clear top extractor. 1,908,629; May 9.
- Schenck, Le Roy C., assignor to Troy Laundry Machinery Company, Inc., East Moline, Ill. Torque shaft drive for laundry machine cylinders. 1,915,549; June 27.
- Schenck, Martin. (See Müller, R., and Schenck.)
- Schenk, Tamis C., Brooklyn, N. Y., assignor to Richmond Screw Anchor Co., Inc. Wedge for form ties. 1,919,751; July 25.
- Schenkel, Moritz, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Anode for mercury vapor rectifiers. 1,895,944; Jan. 31.
- Schenkel, Moritz, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Mercury arc rectifier. 1,901,612; Mar. 14.
- Schenkel, Samuel, Brooklyn, N. Y. Nursing nipple. 1,910,970; May 23.
- Schenler, William J. (See Miller, R. M., Schenler, and Stout.)
- Schensted, Roy E., Bessemer, Mich. Head lamp. 1,898,143; Feb. 21.
- Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Advertising display. 1,895,773; Jan. 31.
- Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Lighting fixture. 1,910,062; May 23.
- Scheppmann, Wilhelm. (See Gerth, F., Hahnemann, and Scheppmann.)
- Scheppmann, Wilhelm, assignor to C. Lorenz, A. G., Berlin-Tempelhof, Germany. Making electrical condensers. 1,892,755; Jan. 3.
- Schepss, Wilhelm. (See Hardtmann, M., Schepss, and Tietze.)
- Scherdel, Egid, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle tension. 1,929,261; Oct. 3.
- Scherer, Abe, Matewan, W. Va. Wearing apparel. 1,902,268; Mar. 21.
- Scherer, Charles M., Chicago, Ill. Companion stool. 1,933,602; Nov. 7.
- Scherer, Paul A., Medford, Oreg., and G. B. Ridley, San Francisco, Calif., assignors to Southern Oregon Sales Inc., Medford, Oreg. Refrigeration plant. 1,913,857; June 13.
- Scherer, Paul A., Medford, Oreg., and G. B. Ridley, San Francisco, Calif., assignors to Southern Oregon Sales Inc., Medford, Oreg. Heat exchange apparatus. 1,928,912; Oct. 3.
- Scherer, Paul A., Medford, Oreg., and G. B. Ridley, San Francisco, Calif., assignors to Southern Oregon Sales Inc., Medford, Oreg. Refrigerating control system and method. 1,937,984; Dec. 5.
- Scherer, Philip C., jr. (See Richter, G. A., and Scherer.)
- Scherer, William C., Detroit, Mich. Building structure. Des. 91,145; Dec. 5.
- Scherfee, Mary A. D., Ferndale, Mich. Variable-color lamp. 1,930,774; Oct. 17.
- Schering-Kahlbaum A. G. (See Dohrn, M., and Diedrich, assignors.)
- Schering-Kahlbaum A. G. (See Dohrn, M., and Hohlweg, assignors.)
- Schering-Kahlbaum A. G. (See Priewe, Hans, assignor.)
- Schering-Kahlbaum A. G. (See Schmidt, Rudolf, assignor.)
- Schering-Kahlbaum A. G. (See Schoeller, W., and Goebel, assignors.)
- Schering-Kahlbaum A. G. (See Schoeller, W., Schwenk and Borgwardt.)
- Schering-Kahlbaum A. G. (See Schoeller, W., Schwenk, and Gehrke, assignors.)
- Schering-Kahlbaum A. G. (See Schoeller, W., Schwenk, Goebel, and Michael, assignors.)
- Schering-Kahlbaum A. G. (See Schwenk, E., and Borgwardt, assignors.)
- Schering-Kahlbaum A. G. (See Schwenk, E., Gehrke, and Aichner, assignors.)
- Schering-Kahlbaum A. G. (See Tschitschibabin, Alexei E., assignor.)
- Schering-Kahlbaum Aktiengesellschaft. (See Schoeller, W., Jordan, and Clerc, assignors.)
- Schermer, Nathan H., Youngstown, and E. A. Griffiths, Massillon, Ohio. Manufacture of carburized articles. 1,909,553; May 16.
- Schermerhorn, Eugene L., Gowen, Mich. Road scraper. 1,919,260; July 25.
- Schermerhorn, George D., Reading, Mich. Chair element. 1,895,210; Jan. 24.
- Schermerhorn, George D., Reading, Mich. Cushioned foot for chairs. 1,916,336; July 4.
- Schermerhorn, George D., Reading, Mich. Cushion foot. 1,917,601; July 11.
- Scherr, Samuel, assignor of one-half to H. Tiralla, Baltimore, Md. Cake. Des. 89,095; Jan. 24.
- Schetelig, Paul, Basel, and T. Sutter, Monthey, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Making acetylene condensation products. 1,893,249; Jan. 3.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Clip. 1,934,888; Nov. 14.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Me. Leather working machine. 1,935,861; Nov. 21.
- Scheu Products Company Limited. (See Scheu, William C., assignor.)
- Scheu, William C., Los Angeles, assignor to Scheu Products Company, Ltd., Upland, Calif. Orchard heater. 1,907,336; May 2.
- Scheu, William C., assignor to Scheu Products Company, Ltd., Upland, Calif. Orchard heater. 1,907,337; May 2.
- Scheu, William C., Upland, assignor to Scheu Products Company Limited, Ontario, Calif. Orchard heater. 1,913,568; June 13.
- Scheu, William C., assignor to Scheu Products Company, Ltd., Upland, Calif. Orchard heater. 1,930,863; Oct. 17.
- Scheuerlein, John E., Bay City, Mich. Device and method for tightening wire. 1,919,867; July 25.
- Scheunert, Alfred. (See Langer, M., Scheunert, and Wollack.)
- Scheurer, Wilhelm. (See Krech, R., Scheurer, and Koch.)
- Schey, Robert, assignor to Cheney Brothers, New York, N. Y. Textile fabric. Des. 89,380; Feb. 28.
- Scheyer, Heinz, Frankfurt-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series and making same. 1,938,048; Dec. 5.
- Scheynost, Rudolph, assignor of one-half to Chas. Holtenbach, Inc., Chicago, Ill. Communiting machine. 1,917,198; July 4.
- Schiano, Salvatore, Brooklyn, N. Y. Perfume vending machine. 1,916,992; July 4.
- Schiavulli, Rudolph, Providence, R. I. Spring shackle. 1,903,271; Mar. 28.
- Schicht, Heinrich, Aussig, Czechoslovakia. Producing nonalcoholic fruit juices. 1,913,294; June 6.
- Schick Dry Shaver, Inc. (See Schick, Jacob, assignor.)
- Schick, Jacob, Sound Beach, Conn., assignor to Schick Dry Shaver, Inc. Internal combustion engine. 1,905,754; Apr. 25.
- Schick, Jacob, Sound Beach, Conn., assignor to Magazine Repeating Razor Company. Holder for use in grinding machines. 1,906,635; May 2.
- Schick, Jacob, Sound Beach, assignor to Schick Dry Shaver, Inc., Stamford, Conn. Electric motor. 1,922,824; Aug. 15.
- Schick, Jacob, East Orange, N. J., and D. Nadeau, Brooklyn, N. Y., assignors to The Magazine Repeating Razor Company. Blade grinding machine. 1,907,446; May 9.
- Schick, Louis L., assignor of one-third to W. H. Flood, Chicago, Ill. Preservation of hamburger steak. 1,909,508; May 16.
- Schicker, Oscar F., Teaneck, N. J. Lace or the like. Des. 89,721; Apr. 25.
- Schicker, Oscar F., Teaneck, N. J. Lace or the like. Des. 89,722; Apr. 25.
- Schicker, Oscar F., Teaneck, N. J. Lace or the like. Des. 89,723; Apr. 25.
- Schiebel, Reinhold, Richmond Hill, N. Y. Thermometer. 1,906,423; May 2.
- Schiebeler, Carl, Berlin-Halensee, and A. Weiss, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Motor control system. 1,919,989; July 25.
- Schieber, Walter, and E. Friedemann, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for treating cakes of artificial silk with liquids. 1,932,913; Oct. 31.
- Schieck, Karl. (See Baumert, K., and Schieck.)
- Schlieferstein, Georg H., Berlin-Charlottenburg, Germany. Mechanical oscillators. 1,892,968; Jan. 3.
- Schier, Johann. (See Von Hofe, C., and Schier.)
- Schier, Johann, Karl Petschenig, and A. Peinl, Vienna, Austria, assignors to the Firm Optische Anstalt C. P. Goerz, Aktiengesellschaft, Akiocva Spolecnost K. P. Goerz, Opticky Ustav, Bratislava, Czechoslovakia. Apparatus for determining the position of aircraft not visible to the naked eye. 1,902,727; Mar. 21.
- Schierloh, Henry, Kansas City, Mo. Control mechanism for steam heating systems. 1,905,005; Apr. 25.
- Schiess-Defries Aktiengesellschaft. (See Vogler, Hermann, assignor.)
- Schietzel, Erick, Girard, Kans. Drink vending machine. 1,939,280; Dec. 12.
- Schiff, Henry T., Chicago, Ill. Combined lighter and clock. Des. 91,252; Dec. 26.
- Schiff, Henry T., Chicago, Ill. Lighter. 1,935,486; Nov. 14.
- Schiff, Henry T., Chicago, Ill. Pocket lighter. 1,937,249; Nov. 28.
- Schiff, Sigmund, Cincinnati, Ohio. Combination divider and baller. 1,893,845; Jan. 10.

- Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Dough proofing device. 1,899,246; Feb. 28.
- Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Locking device for bayonet slot construction. 1,900,258; Mar. 7.
- Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Controlling fluid leakage. 1,909,224; May 16.
- Schiffer, Edward H., assignor to The Rockwell Silver Company, Meriden, Conn. Applying color to metalized articles. 1,908,061; May 9.
- Schifferdecker, August, Brooklyn, N. Y. Container. 1,896,976; Feb. 7.
- Schiffman, Robert P., Chicago, Ill. Railroad crossing sign. 1,901,879; Mar. 21.
- Schilb, Theodore W. (See Logue, P., and Schilb.)
- Schilb, Theodore W. (See Warning, W. G., and Schilb.)
- Schild, Theodor, Grenchen, Switzerland. Keyless watch. 1,893,909; Jan. 10.
- Schildberger, Adolf. (See Krno, J. M., and Schildberger.)
- Schillaci, Thomas. (See Stramaglia, N., and Schillaci.)
- Schiller, Georg. (See Wietzel, G., and Schiller.)
- Schiller, Robert M., Chicago, Ill. Drinking cup. Des. 90,458; Aug. 8.
- Schiller, John J., Cicero, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,935,334; Nov. 14.
- Schiller, Sigge, Elizabeth, assignor to Traffic Signs & Signals, Inc., Paterson, N. J. Reflecting unit. 1,903,385; Apr. 4.
- Schilling, Heinrich. (See Baumann, P., Schilling, and Fischer.)
- Schilling, Heinrich. (See Eisenhut, O., and Schilling.)
- Schilling, Heinrich. (See Eisenhut, O., Schilling, and Baumann.)
- Schilling, Heinrich. (See Mueller-Cunradi, M., Eisenhut, and Schilling.)
- Schilling, Louis, Valley Stream, N. Y. Sandwich filling device. 1,940,564; Dec. 19.
- Schilling, Paul A., assignor to Waldorf Paper Products Company, St. Paul, Minn., Box. 1,922,399; Aug. 15.
- Schillp, Charles P., Cleveland Heights, Ohio. Artificial fish lure. 1,893,686; Jan. 10.
- Schiltz, Bernard P., Cleveland, Ohio. Flexible driving connection. 1,907,447; May 9.
- Schiltz, Bernard P., assignor to The Foote-Burt Company, Cleveland, Ohio. Metal cutting machine. 1,918,290; July 18.
- Schimanek Emil, Budapest, Hungary. Operating internal combustion engines. 1,934,238; Nov. 7.
- Schimmel, Abe, New York, N. Y. Sealed soap holder. 1,912,224; May 30.
- Schimmel, Francois, Aulnay-Sous-Bois, and E. A. Bidault, Paris, France. Cryptographic printing apparatus. 1,921,327; Aug. 8.
- Schimmel, Hans, Komotau, Czechoslovakia. Apparatus for machining rolls for rolling mills and the like. 1,904,802; Apr. 18.
- Schimmel, Hans, Komotau, Czechoslovakia. Tool carrier for boring and similar machines. 1,907,408; May 2.
- Schimmel, Hans, Komotau, Czechoslovakia. Apparatus for machining rolls for rolling mills. 1,909,225; May 16.
- Schimmel, Hans, Komotau, Czechoslovakia. Method of and apparatus for machining rolls for rolling mills. 1,909,226; May 16.
- Schimmel, Hans, Komotau, Czechoslovakia. Apparatus for machining rolls for rolling mills and the like. 1,910,308; May 23.
- Schimmel, Hans, Komotau, Czechoslovakia. Apparatus for machining rolls for rolling mills and the like. 1,918,138; July 11.
- Schimmel, Hans, Komotau, Czechoslovakia. Method and apparatus for machining rolls for rolling mills. 1,918,139; July 11.
- Schimmel, Hans, Komotau, Czechoslovakia. Rolling mill. 1,939,524; Dec. 12.
- Schimmel, Lloyd G., assignor, by mesne assignments, to H. R. Morris, Los Angeles, Calif. Faucet. 1,909,725; May 16.
- Schimmelschmidt, Kurt. (See Zahn, K., Schimmelschmidt, and Koch.)
- Schimmelschmidt, Kurt, and H. Thomae, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Ortho-aminoaryl-alkyl-sulfones and ortho-aminoarylalkylsulfones. 1,939,416; Dec. 12.
- Schimpke, Albert J., Detroit, Mich. Dishwasher. 1,931,996; Oct. 24.
- Schmirgk, Friedrich, Weimar, Germany. Sewage treatment plant. 1,939,924; Dec. 19.
- Schindler, Robert B., Spring City, Pa. Stocking. Des. 89,470; Mar. 14.
- Schindler, Robert B., Spring City, Pa. Adjustable foot for stockings. 1,936,038; Nov. 21.
- Schindler, Walter R., Los Angeles, Calif. Plant protector. 1,910,501; May 23.
- Schindler, Walter R., Los Angeles, Calif. Plant protector and making it. 1,929,903; Oct. 10.
- Schindler, Walter R., Los Angeles, Calif. Hotcap. 1,940,020; Dec. 19.
- Schinke, Albert. (See Smith, E. R., and Schinke.)
- Schiorring, Harold W., Lexington, and F. P. Fuhs, Boston, Mass. Valve. 1,897,678; Feb. 14.
- Schippel, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for making tires. 1,913,995; June 13.
- Schipper, George A., Aurora, Ind. Sanding machine. 1,941,275; Dec. 26.
- Schireson Bros. (See Schireson, Nathan W., assignor.)
- Schireson, Nathan W., assignor to Schireson Bros., Los Angeles, Calif. Stringed instrument. 1,927,575; Sept. 19.
- Schirmer, Cyrus T., Newton, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Signal device. 1,941,324; Dec. 26.
- Schirmer, Max, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,894,245; Jan. 10.
- Schirmer, Max, assignor to Luftschiffbau Zeppelin Gesellschaft mit Beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Ventilating means on ships or aircraft. 1,918,568; July 18.
- Schirmer, Rens E., et al. (See Schirmer, Rens E., assignor.)
- Schirmer, Rens E., assignor, by mesne assignments, to R. E. Schirmer, Newton Center, and L. L. Witter, Boston, Mass. Molding method and apparatus. 1,897,023; Feb. 7.
- Schirmer, Werner, assignor to Rud Sack, Leipzig, Germany. Agricultural implement. 1,906,107; Apr. 25.
- Schirmer, William H., Hibbing, Minn. Heating coil. 1,920,598; Aug. 1.
- Schittke, Robert, Lansing, Mich. Oil cooling system. 1,909,637; May 16.
- Schlabburg, Charles, Akron, Ohio. Slack take-up for electric conductor cords. 1,916,937; July 4.
- Schladebach, Hermann, Dessau in Anhalt, and H. Hähle, Dessau-Ziebigk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Spirit varnishes. 1,925,208; Sept. 5.
- Schladebach, Hermann, Dessau in Anhalt, and H. Hähle, Dessau-Ziebigk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Spirit varnish. 1,941,058; Dec. 26.
- Schlaepfer, Hans A. (See Bornand, E., and Schlaepfer.)
- Schlag, Hiram P., Fortuna, Calif. Hoe. 1,901,778; Mar. 14.
- Schlage Lock Co. (See Schlage, Walter R., assignor.)
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorlock. 1,918,719; July 18.
- Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Escutcheon plate lock and adjustment indicator. 1,938,112; Dec. 5.
- Schlagintweit, Friedrich, Baden-Baden, Germany. Apparatus for molding concrete and like plastic substances. 1,917,738; July 11.
- Schlagintweit, Friedrich, Baden-Baden, Germany, assignor to Rapay A.-G. Haus, Felsenau, Hergiswil-on-the-See, Switzerland. Apparatus for bending metal bars particularly applicable to concrete reinforcement. 1,933,189; Oct. 31.
- Schlauch, Herman, Long Island City, N. Y. Indicating device responsive to temperature and pressure for internal combustion engines. 1,933,453; Oct. 31.
- Schlatter, Gustav, Steinach, near Arbon, Switzerland. Mounting of vehicle springs. 1,916,077; June 27.
- Schlaw, Samuel. (See Radke, G., and Schlaw.)
- Schlauer, Felix, Madrid, Spain. Automatic feed device for thrashing machines. 1,913,172; June 6.
- Schlecht, Leo. (See Naumann, M., and Schlecht.)
- Schlecht, Leo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetone from acetylene. 1,907,882; May 9.
- Schlecht, Leo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of acetone. 1,910,815; May 23.
- Schlecht, Leo, and H. Roetger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of valuable products from gaseous unsaturated hydrocarbons. 1,894,792; Jan. 17.
- Schlecht, Leo, and H. Rötger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of nitrogenous condensation products from acetylene and ammonia. 1,936,995; Nov. 28.
- Schlecht, Leo, and M. Naumann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of metal carbonyls. 1,941,111; Dec. 23.
- Schlecker, Karl, Berlin-Grünwald, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Locating leaks. 1,906,636; May 2.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Cord for trimming and decorating purposes. Des. 91,123; Nov. 28.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 1,895,688; Jan. 31.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Molding. 1,895,689; Jan. 31.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Finishing welt for upholstery. 1,906,814; May 2.

- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Finishing strip for upholstery. 1,911,649; May 30.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 1,914,216; June 13.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Molding. 1,914,217; June 13.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 1,921,484; Aug. 8.
- Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 1,928,574; Sept. 26.
- Schlegel, John W., New York, N. Y., and E. A. Claus, Arlington, assignors to The National Sugar Refining Company of New Jersey, Edgewater, N. J. Air seal for rotary drums. 1,895,348; Jan. 24.
- Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)
- Schleich, Friedrich, assignor of one-half to Firm of Cloetta & Muller, Stuttgart, Munster, Germany. Gas helmet. 1,939,188; Dec. 12.
- Schleicher, Frank J., University City, Mo. Box. 1,894,450; Jan. 17.
- Schleicher, Frank J., University City, Mo. Box. 1,912,162; May 30.
- Schleicher, Manired, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrical protective system. 1,899,425; Feb. 28.
- Schleifer, Carlo, assignor to Società Anonima "Officina Meccanica St. Andrea-Novara", Novara, Italy. Artificial silk ring doubler. 1,936,370; Nov. 21.
- Schlemm, Robert, Chicago, Ill. Bread toaster. 1,923,590; Aug. 22.
- Schlenk, Rudolf, Vienna, Austria. Refrigerator. 1,898,317; Feb. 21.
- Schlenker, Louis F., and M. Wuerthner, Jackson, Mich., assignors to said Schlenker and said Wuerthner, as joint tenants with right of survivorship. Combined heating and ventilating apparatus. 1,900,770; Mar. 7.
- Schlenker, Max, La Salle, Ill. Clock case. Des. 90,091; June 6.
- Schlenker, Max, La Salle, Ill. Clock case. Des. 90,734; Sept. 19.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Clock case. Des. 90,735; Sept. 19.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Clock case. Des. 90,736; Sept. 19.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Electric switch. 1,912,163; May 30.
- Schlenker, Max, La Salle, assignor to Western Clock Company, Peru, Ill. Alarm clock. 1,932,284; Oct. 24.
- Schlenker, Vesper A., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic apparatus. 1,931,886; Oct. 24.
- Schlenz, Harry E., assignor to Pacific Flush Tank Company, Chicago, Ill. Sludge digestion tank. 1,912,595; June 6.
- Schlesinger, Edgar E., assignor to Union Metal Products Company, Chicago, Ill. Centering and cushioning device for railway car couplers. 1,926,112; Sept. 12.
- Schlesinger, Frederick S., New York, N. Y. Combination flash light and camera. 1,934,331; Nov. 7.
- Schlesinger, Georg, Berlin-Charlottenburg, Germany, assignor to Aktiengesellschaft für Holzveredlung, Zurich, Switzerland. Process and apparatus for producing wooden pan-shaped bodies. 1,909,428; May 16.
- Schlesinger, Harry, assignor of seventy-four one-hundred-eighty-thirds to A. F. Yoerg and thirty-five one-hundred-eighty-thirds to Jack Goldberg, Des Moines, Iowa. Hat cleaner and drier. 1,913,724; June 13.
- Schlesinger, Harry, assignor of seventy-four one-hundred-and-eighty-thirds to A. F. Yoerg and thirty-five one-hundred-and-eighty-thirds to J. Goldberg, Des Moines, Iowa. Reversible pressing board and stand therefor. 1,930,063; Oct. 10.
- Schless, Robert, Emporium, Pa. Explosive. 1,916,078; June 27.
- Schless, Robert, assignor to Pennsylvania Powder Company, Emporium, Pa. Explosive composition. 1,901,126; Mar. 14.
- Schless, Stefan, et al. (See Schless, Stefan, assignor.)
- Schless, Stefan, assignor of one-half to S. Schless, Grodig, near Salzburg, and one-half to K. Holler, Salzburg, Austria. Manufacture of artificial stones from lime. 1,907,369; May 2.
- Schlessner, Frederick H., Chicago, Ill., assignor to Ajax Spring Stabilizer Company, Brookline, Mass. Metal spring cover. 1,932,990; Oct. 31.
- Schletter & Zander, Inc. (See Richter, Emil, assignor.)
- Schletz, Fred A., and O. L. Nelson, St. Paul, Minn. Paint rejuvenating device. 1,908,561; May 9.
- Schlichenmaier, Hans. (See Zahn, K., and Schlichenmaier.)
- Schlichter, Oscar, Hamilton, Ohio. Portable elevating table. 1,927,598; Sept. 19.
- Schlichter, Wilhelm, Freiberg, Germany. Optical photometer especially for photographic appliances. 1,915,033; June 20.
- Schlieper, Rudolf, Remscheid-Hasten, Germany. Hydraulic driven washing apparatus. 1,905,424; Apr. 25.
- Schlierer, Eugen, assignor to the Firm: Merkel & Kienlin G. m. b. H., Esslingen-on-the-Neckar, Germany. Impregnating wool. Re18,718; Jan. 24.
- Schlingman, Paul R., Schenectady, N. Y., assignor to General Electric Company. Preparing resinous compositions. 1,898,790; Feb. 21.
- Schlissel, Morris, Brooklyn, assignor to Cosmopolitan Chemical Co. Inc., Long Island City, N. Y. Composition for treating water used in air conditioning apparatus and the like. 1,921,137; Aug. 8.
- Schlitz, John, Leavenworth, Kans. Fraud-preventing paper. 1,929,828; Oct. 10.
- Schloemann Aktiengesellschaft. (See Gassen, Josef, assignor.)
- Schlöff, Joseph E., Pesotum, Ill. Safety oil can. 1,937,071; Nov. 28.
- Schlösser, Abraham, Brooklyn, N. Y. Fountain pen. 1,910,907; May 23.
- Schlösser, Henry W., assignor to Moore Push-Pin Company, Philadelphia, Pa. Merchandise display card. 1,912,225; May 30.
- Schösser, Peter, Breslau, K. Bartsch, Ida, near Saarau, and G. Källner, Marienhütte, near Saarau, assignors to Silesia, Verein Chemischer Fabriken, Ida and Marienhütte near Saarau, Germany. Preparing mercaptoben-zothiazole. 1,915,955; June 27.
- Schlossbauer, Alfred, Berlin, Germany. Central lubricating apparatus for consistent grease. 1,937,032; Nov. 28.
- Schlotman, Frank J., St. Bernard, assignor to The Breeding Coal Stoker Corporation, Cincinnati, Ohio. Automatic motor cut-off and warning signal for stokers. 1,929,994; Oct. 10.
- Schlotmann, Josef, assignor to Firm: Gutehoffnungshütte Oberhausen Aktiengesellschaft, Oberhausen-Rheinland, Germany. Uniformly cooling hot blast and hot gas gate valve disks. 1,918,430; July 18.
- Schlott, Sarah E., St. Paul, Minn. Preserving jar handling means. 1,905,064; Apr. 25.
- Schlottterhose, Conrad, Wesermünde-Wulsdorf, Germany. Producing animal food. 1,901,264; Mar. 14.
- Schlottterhose, Conrad, Wesermünde-Wulsdorf, Germany. Apparatus for producing animal food. 1,929,856; Oct. 10.
- Schlotz, Elmer E., Denver, Colo. Railway car. 1,900,134; Mar. 7.
- Schloz, Arthur H., assignor to The Toledo Machine & Tool Company, Toledo, Ohio. Brake control mechanism. 1,924,808; Aug. 29.
- Schloz, Arthur H., assignor to Toledo Machine & Tool Company, Toledo, Ohio. Metal drawing press. 1,936,410; Nov. 21.
- Schlueter, Edward A., Alameda, assignor to F. A. Thomas Company, Inc., San Francisco, Calif. Game-timing clock. 1,908,452; May 9.
- Schlueter, Henry W., Beverly Hills, Calif. Sea wall. 1,893,003; Jan. 3.
- Schlueter, Henry W., Beverly Hills, Calif. Concrete structural member. 1,906,108; Apr. 25.
- Schlumberger, Conrad, Paris, France. Electrical device for the determination of specific resistivity. 1,894,828; Jan. 17.
- Schlumberger, Conrad, Paris, France. Electrical process for the geological investigation of the porous strata traversed by drill holes. 1,913,293; June 6.
- Schlumbohm, Peter, Berlin, Germany. Apparatus for absorbing aqueous vapors by means of a hygroscopic liquid such as sulphuric acid in a vacuum. 1,894,893; Jan. 17.
- Schlumbohm, Peter, Berlin, Germany. Writing utensil. 1,913,457; June 13.
- Schlumbohm, Peter, Berlin, Germany. Vacuum refrigerating machine. 1,935,749; Nov. 21.
- Schlumbohm, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Distilling apparatus. 1,893,340; Jan. 3.
- Schlumbohm, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Regulating the cooling effect of refrigerant. 1,894,638; Jan. 17.
- Schlumbohm, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Mirror. 1,894,639; Jan. 17.
- Schlumbohm, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Mirror. 1,898,791; Feb. 21.
- Schlumbohm, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Refrigerating machine. 1,909,076; May 16.
- Schlüns, Carl, Steglitz, near Berlin, assignor to Mercedes Buromaschinen-Werke, Aktiengesellschaft, Zella-Mehlis, Thuringia, Germany. Calculating typewriter. 1,936,034; Nov. 21.
- Schlup, Ernest G. (See Bradley, H. W., and Schlup.)
- Schluter, Ernst, Berlin-Johannisthal, Germany, assignor, by mesne assignments, to Keldur Corporation, Newark, N. J. Producing isolating plates for deadening noises and vibrations. 1,918,140; July 11.
- Schmaljohann, Paul, Kiel, Germany, assignor to Centra Handels- & Industrie A.-G., Chur, Switzerland. Internal combustion engine. 1,919,572; July 25.
- Schmanksy, Barney, Pontiac, Mich. Fire extinguisher hanger. 1,941,112; Dec. 26.
- Schmarge, Henry, Roswell, N. Mex. Emergency air brake. 1,925,342; Sept. 5.
- Schmauss, Julius. (See Gold, R., and Schmauss.)

- Schmeisser, Hugo, Suhl, Germany. Automatic firearms. 1,930,864; Oct. 17.
- Schmelcher, Alexander, Kiel, Germany. Speed indicator with recording devices, especially for motor cars. 1,928,505; Sept. 26.
- Schmelting, Gerhard, Columbus, Wis. Automobile jack. 1,927,500; Sept. 19.
- Schmeller Holding Company. (See Schmeller, John, sr., assignor.)
- Schmeller, John, sr., Lakewood, Ohio. Method and apparatus for eliminating hard spots in castings. 1,915,004; June 20.
- Schmeller, John, sr., Lakewood, Ohio. Cast metal container and making the same. 1,932,325; Oct. 24.
- Schmeller, John, sr., Lakewood, assignor to Schmeller Holding Company, Cleveland, Ohio. Apparatus for metal working. 1,917,856; July 11.
- Schmeller, John, sr., Lakewood, assignor to Schmeller Holding Company, Cleveland, Ohio. Reciprocating metal working apparatus. 1,940,021; Dec. 19.
- Schmeltzer, John E., assignor to The Marion Steam Shovel Company, Marion, Ohio. Cutting tool. 1,915,763; June 27.
- Schmelz, Charles F., et al. (See Dazley, William, assignor.)
- Schmelzer, Albert. (See Ballauf, F., and Schmelzer.)
- Schmelzer, Albert. (See Limpach, O., Lager, Schmelzer, and Ballauf.)
- Schmelzer, Albert. (See Mnth. F., and Schmelzer.)
- Schmelzer, Albert, F. Ballauf and F. Muth, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 1,919,573; July 25.
- Schmelzer, Albert, F. Ballauf, and H. Hefner, Elberfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 1,934,009; Nov. 7.
- Schmerheim, John F., assignor to The Kay Machinery Company, Cleveland, Ohio. Machine for cutting ice cream blocks. 1,896,788; Feb. 7.
- Schmid, Albert A., Cicero, assignor to Hanson Scale Company, Chicago, Ill. Pointer for scales. Des. 90,859; Oct. 10.
- Schmid, Albert P. (See Kranz, P., and Schmid.)
- Schmid, Alfred, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg, Buckau, Germany. Apparatus for the treatment of raw cement sludge. 1,936,861; Nov. 28.
- Schmid, Arnold, deceased, Vienna, Austria; H. Schmid and I. Schmid, administrators, assignors to Karl Schmid, Mannheim, Germany. Process of and apparatus for nitrating glycerine, glycol, and similar alcohols. 1,893,447; Jan. 3.
- Schmid, Arnold, Vienna, Austria; H. Schmid and I. Schmid, administrators of said Arnold Schmid, deceased, assignors to Karl Schmid, Mannheim, Germany. Washing nitroglycerine and similar esters. 1,901,003; Mar. 14.
- Schmid, Arnold, deceased, by H. Schmid and I. Schmid, administrators, Judendorf-Strassene, Styria, Austria. Apparatus for the continuous separation and after separation of nitroglycerine and residuary acid. 1,939,634; Dec. 12.
- Schmid, Ernst, assignor to Badische Maschinenfabrik & Eisengießerei vormals G. Sebold und Sebold & Neff, Durlach, Germany. Method of and apparatus for manufacturing composition cork sheets. 1,940,105; Dec. 19.
- Schmid, Hans, administrator, et al. (See Schmid, Arnold.)
- Schmid, Hans, et al., administrators. (See Schmid, Arnold.)
- Schmid, Henry J. (See Graves, H. C., jr., and Schmid.)
- Schmid, Irma, et al. (See Schmid, Arnold.)
- Schmid, Irma, et al., administrators. (See Schmid, Arnold.)
- Schmid, Karl. (See Schmid, Arnold, assignor.)
- Schmid, Otto, Rottweil-on-the-Neckar, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of viscose. 1,902,102; Mar. 21.
- Schmid, Richard K., and W. P. Wezel, Stuttgart, Germany. Skinning apparatus. 1,929,040; Oct. 3.
- Schmid, Werner, White Plains, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,340; July 18.
- Schmidgall, Carl H. (See Berkshier, G. F., and Schmidgall.)
- Schmidgall, Frederick, Cincinnati, Ohio. Doorlatch. 1,911,929; May 30.
- Schmidli, Adalbert, assignor to the firm of Sulzer Frères Société Anonyme, Winterthur, Switzerland. Water tube boiler. 1,921,639; Aug. 8.
- Schmidling, Gilbert T., Chicago, Ill. Television transmitting system. 1,933,392; Oct. 31.
- Schmidt, Adam, assignor to A. Vogel, Vienna, Austria. Device for guiding implements, particularly the burner of cutting burner or welding machines. 1,921,887; Aug. 8.
- Schmidt, Adam, assignor to A. Vogel, Vienna, Austria. Machine for guiding cutting or welding burners, electrodes, and like implements. 1,921,888; Aug. 8.
- Schmidt, Adolph T. (See Lindemann, W. C., and Schmidt.)
- Schmidt, Adolph T., assignor to Lindemann & Hoverson Company, Milwaukee, Wis. Temperature control for gas ranges. 1,918,872; July 18.
- Schmidt, Albert, Hazel Park, assignor of one-third to O. A. Warbelow and one-third to G. Hamel, Detroit, Mich. Meat cutting machine. 1,915,135; June 20.
- Schmidt, Albert G. A. (See Cullen, E. V., and Schmidt.)
- Schmidt, Albert G. A., assignor to Cullen-Friestedt Company, Chicago, Ill. Crane. 1,906,109; Apr. 25.
- Schmidt, Albert H., Palatine, Ill. Dye compounds and producing same. 1,920,324; Aug. 1.
- Schmidt, Albrecht, Frankfurt-on-the-Main, and G. Balle and H. Lange, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing esters of the carbohydrates. 1,928,269; Sept. 26.
- Schmidt, Albrecht, Frankfurt-on-the-Main, G. Balle and H. Lange, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing esters of polymeric carbohydrates. 1,931,832; Oct. 24.
- Schmidt, Albrecht, Frankfurt-on-the-Main, Gerhard Balle and H. Lange, Frankfurt-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing esters of the carbohydrates. 1,938,044; Dec. 5.
- Schmidt, Alexander, Berlin, Germany. Ironing and steaming device. 1,907,398; May 2.
- Schmidt, Alfred, Weehawken, N. J. Rack. 1,928,766; Oct. 3.
- Schmidt, Arthur C., and L. J. Wehrle, assignors to Elgin Butter Tub Company, Elgin, Ill. Container. 1,913,687; June 13.
- Schmidt, Arthur W., Spring Valley, N. Y. Rubber stamp. 1,897,915; Feb. 14.
- Schmidt, Arthur W., Spring Valley, N. Y. Rubber stamp and making the same. 1,920,110; July 25.
- Schmidt, August, jr., Schenectady, N. Y., assignor to General Electric Company. Sleeve seal. 1,906,816; May 2.
- Schmidt, August, jr., Schenectady, N. Y., assignor to General Electric Company. Variable reactance device. 1,921,703; Aug. 8.
- Schmidt, August, jr., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 1,921,704; Aug. 8.
- Schmidt, August, jr., Schenectady, N. Y., assignor to General Electric Company. Electric distribution system. 1,927,809; Sept. 19.
- Schmidt, August, jr., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 1,935,460; Nov. 14.
- Schmidt, August J., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette package. 1,915,503; June 27.
- Schmidt, Benjamin F., Los Angeles, Calif. Single-cable cowl mounted gear shift. 1,897,216; Feb. 14.
- Schmidt, Benjamin F., Los Angeles, Calif. Pump. 1,929,451; Oct. 10.
- Schmidt, Benjamin F., Los Angeles, Calif. Pump. 1,934,740; Nov. 14.
- Schmidt, Carl, Bael, Germany. Machine for manufacturing hollow rotary elements from circular blanks of sheet metal. 1,896,426; Feb. 7.
- Schmidt, Carl A., Waterloo, Iowa, assignor to Ascho Corporation, St. Paul, Minn. Valve. 1,937,597; Dec. 5.
- Schmidt, Carl H., Waltham, Mass. Air cooling machine. 1,912,596; June 6.
- Schmidt, Carlos R. (See Schmidt, Rodolfo B. and C. R., Cortese, and de Frenkel.)
- Schmidt, Charles D., Jamaica, N. Y. Chain. 1,894,600; Jan. 17.
- Schmidt, Eckard F., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 1,898,144; Feb. 21.
- Schmidt, Edmund, Berlin-Tempelhof, Germany. Machine for manufacturing dry cells. 1,899,114; Feb. 28.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for making combustible gas. 1,912,044; May 30.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for temperature control. 1,925,463; Sept. 5.
- Schmidt, Edwin X., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Method of and apparatus for proportioning gaseous fluids. 1,933,641; Nov. 7.
- Schmidt, Ernest H., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 1,909,380; May 16.
- Schmidt, Ernest H., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler shank and yoke connection. 1,936,371; Nov. 21.
- Schmidt, Ernest H., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 1,937,791; Dec. 5.
- Schmidt, Ernest H., Cleveland Heights, and H. L. Spence, East Cleveland, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft gear. 1,913,414; June 13.
- Schmidt, Ernst, Danzig-Langfuhr, Free City of Danzig. Fireproof material. 1,910,127; May 23.
- Schmidt, Ernst, Berlin, Germany. Closure means for tins. 1,919,574; July 25.
- Schmidt, Ernst, Berlin, Germany. Closure means for tin boxes. 1,925,503; Sept. 5.
- Schmidt, Erwin. (See Claus, W., and Schmidt.)
- Schmidt, Erwin J., Chicago, assignor to Christen Christensen, Maywood, Ill. Display device. 1,913,415; June 13.
- Schmidt, Erwin J., Chicago, Ill. Bearing. 1,934,563; Nov. 7.

- Schmidt, Friedrich, Berlin-Lichtenrade, assignor of one-half to Emil M. Kappeler, Berlin-Wilmersdorf, Germany. Pounder washer. 1,894,125; Jan. 10.
- Schmidt, Fritz, Troisdorf near Cologne-on-the-Rhine, Germany. Hardening of condensation products from phenols and aldehydes. 1,927,375; Sept. 19.
- Schmidt, George A., Walnut Park, Calif. Pneumatic truck tire remover. 1,923,750; Aug. 22.
- Schmidt, George G., Forest Hills, N. Y., assignor to Carrier Engineering Corporation, Newark, N. J. Preventing condensation of moisture from flue gases. 1,928,822; Oct. 3.
- Schmidt, Hans. (See Stretiwolf, K., Fehrl, Hilmer, and Schmidt.)
- Schmidt, Hans, Elberfeld-Vohwinkel, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble formaldehyde bisulphite amino-aryl antimony arsenic compound. 1,934,010; Nov. 7.
- Schmidt, Hans, Vohwinkel, near Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble formaldehyde bisulphite amino-aryl-antimony-arsenic compounds. 1,934,012; Nov. 7.
- Schmidt, Hans, Wuppertal, Vohwinkel, and H. Jung, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Metal complex compound. 1,893,872; Jan. 10.
- Schmidt, Henry C., assignor of one-third to F. Maier and one-third to E. G. Forthuber, Cincinnati, Ohio. Umbrella. 1,908,453; May 9.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Marine condenser circulating system. 1,893,039; Jan. 3.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Lubricating system. 1,893,040; Jan. 3.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid pressure governing system. 1,902,340; Mar. 21.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reduction gear. 1,902,341; Mar. 21.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Propeller type blower. 1,926,113; Sept. 12.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condensate removal apparatus. 1,930,064; Oct. 10.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator apparatus. 1,931,997; Oct. 24.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Propeller type fluid translating device. 1,932,231; Oct. 24.
- Schmidt, Henry F., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Governing mechanism. 1,935,062; Nov. 14.
- Schmidt, Henry G., Empire, Calif. Box. 1,936,608; Nov. 28.
- Schmidt, Hermann H., Hanover, Kans., assignor to Missouri Holding and Investment Company, St. Joseph, Mo. Method and apparatus for spraying thick liquids. 1,936,120; Nov. 21.
- Schmidt, Hugo F., and L. Jung, Milwaukee, Wis. Workholder. 1,894,451; Jan. 17.
- Schmidt, Hugo F., and L. Jung, Milwaukee, Wis. Blanket stretcher. 1,927,049; Sept. 19.
- Schmidt, Jean, Strasbourg, France. Wadding. 1,893,448; Jan. 3.
- Schmidt, John. (See Goode, I. J., Barraclough, and Schmidt.)
- Schmidt, John, assignor to Sprague-Sells Corporation, Hoopeston, Ill. Liquid filling machine. 1,894,007; Jan. 10.
- Schmidt, John, assignor to Sprague-Sells Corporation, Hoopeston, Ill. Pumpkin steamer. 1,922,783; Aug. 15.
- Schmidt, John E. (See Fink, H. A., and Schmidt.)
- Schmidt, John G., assignor to E. F. Houghton and Company, Philadelphia, Pa. Reaction product of aryl thioureas and aldehydes and preparing same. 1,919,135; July 18.
- Schmidt, John H., Bloomfield, and R. S. Daniels, Newark, N. J., assignors to Bakelite Corporation, New York, N. Y. Molding mixture and preparing the same. 1,917,815; July 11.
- Schmidt, Karl, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polymethine dyestuff. 1,910,478; May 23.
- Schmidt, Karl, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Polymethine dyestuff. 1,910,479; May 23.
- Schmidt, Karl, Munich-Gladbach, Germany. Producing aniline black and preventing the weakening of the fibers. 1,920,717; Aug. 1.
- Schmidt, Karl, Detroit, Mich., assignor, by mesne assignments, to Kelsey-Hayes Wheel Corporation. Collapsible rim. 1,919,171; July 18.
- Schmidt, Karl, Berlin-Lichtenrade, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric induction furnace. 1,920,325; Aug. 1.
- Schmidt, Karl, Neurruppin (Mark), Germany, assignor to Pyrene-Minimax Corporation. Foam delivery apparatus. 1,929,390; Oct. 3.
- Schmidt, Karl, Neurruppin, and C. Wagener, Berlin, Germany, assignors to Pyrene-Minimax Corporation. Foam generator. 1,940,272; Dec. 19.
- Schmidt, Karl F. (See Fuller, L., and Schmidt.)
- Schmidt, Karl F., Ludwigshafen-on-the-Rhine, and S. Strzygowski, Heidelberg, Germany, assignors to Knoll Aktiengesellschaft, Chemische Fabriken. Manufacturing primary amines. 1,926,756; Sept. 12.
- Schmidt, Kurt, Wuppertal-Elberfeld-Grenze, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Filament treatment. 1,902,526; Mar. 21.
- Schmidt, Leopold. (See Müller, E., and Schmidt.)
- Schmidt, Leopold, Wesermünde, Germany. Device for rotating and at the same time lifting the gondolas of roundabouts. 1,899,060; Feb. 28.
- Schmidt Lithograph Company. (See Bruntsch, Carl G., assignor.)
- Schmidt, Louis. (See Tisza, E. E., and Schmidt.)
- Schmidt, Louis A., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Irving Trust Company, receiver. Web roll changer. 1,932,642; Oct. 31.
- Schmidt, Max, and E. Neubacher, assignors to The Max Woche & Son Company, Cincinnati, Ohio. Urological table. 1,919,908; July 25.
- Schmidt, Maximilian P., W. Krieger, and W. Spietschka, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Photographic process. 1,906,240; May 2.
- Schmidt, Maximilian P., and J. Voss, Wiesbaden-Biebrich, Germany, assignors to Du Pont Cellophane Company Inc., New York, N. Y. Producing films. 1,910,502; May 23.
- Schmidt, Maximilian P., Wiesbaden-Biebrich, and H. Neuroth, Wiesbaden, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light-sensitive layer. 1,934,011; Nov. 7.
- Schmidt, Maximilian P., W. Krieger, and E. Spröngerts, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light-sensitive layer. 1,936,957; Nov. 28.
- Schmidt, Ommo, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 1,901,060; Mar. 14.
- Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Smoke stick. 1,922,263; Aug. 15.
- Schmidt, Oskar, Berlin-Tegel, Germany, assignor to General Electric Company. Photographic plate or film. 1,929,290; Oct. 3.
- Schmidt, Otto, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbon black. 1,894,126; Jan. 10.
- Schmidt, Otto, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of foils. 1,901,045; Mar. 14.
- Schmidt, Otto, Feuerbach, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Electrically heated bake oven. 1,916,810; July 4.
- Schmidt, Otto, Ludwigshafen-on-the-Rhine, M. Treppenhauer, Mannheim, and O. Grossinsky, and Heinrich Fischer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of olefines and diolefines. 1,900,739; Mar. 7.
- Schmidt, Otto, and B. Schnell, Ludwigshafen-on-the-Rhine, and E. Meyer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of artificial masses. 1,901,044; Mar. 14.
- Schmidt, Otto, and O. Grossinsky, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of mixtures by distillation. 1,919,752; July 25.
- Schmidt, Otto, Ludwigshafen-on-the-Rhine, and E. Meyer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Ethers of polyhydric alcohols and their production. 1,922,459; Aug. 15.
- Schmidt, Otto da C., Sharon, Pa. Pulverizing mill. 1,938,045; Dec. 5.
- Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)
- Schmidt, Paul, Munich, Germany. Conveying liquids at high pressure by means of ejectors. 1,902,728; Mar. 21.
- Schmidt, Paul, Munich, Germany. Multistage liquid driven ejector for delivering liquids. 1,902,729; Mar. 21.
- Schmidt, Richard, Dessau in Anhalt, Germany, assignor to Agfa Anso Corporation, Binghamton, N. Y. Manufacture of material suitable for receiving writings by electrodecomposition. 1,918,492; July 18.
- Schmidt, Robert E., Elberfeld, and R. Berliner, Vohwinkel, near Cologne, Germany, assignors to General Aniline Works, Inc. New condensation products of formaldehyde and 1-amino-antraquinone compounds being substituted in the 4-position. 1,898,399; Feb. 21.
- Schmidt, Robert E., Elberfeld, B. Stein, Mannheim, and K. Bamberger, Elberfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of 1,4,1',4'-tetrahydroxy-22'-dianthraquinonyl. 1,909,638; May 16.
- Schmidt, Rodolfo B. and C. R., A. Cortese, and A. S. de Frenkel, Buenos Aires, Argentina. Classifying machine for cereals. 1,907,448; May 9.
- Schmidt, Rudolf, Vienna, Austria. Piston engine or piston pump. 1,927,617; Sept. 19.

- Schmidt, Rudolf, Berlin-Grünwald, assignor to Schering-Kahlbaum A.-G., Berlin, Germany. Production of aliphatic-aromatic ketones. 1,916,741; July 4.
- Schmidt, Rudolph, jr. (See Dietz, L. S., jr., and Schmidt, R., jr.)
- Schmidt Securities Company. (See Petersen, W. F., and Hoppe, assignors.)
- Schmidt, Theodore W., et al. (See Maury, A. D., and Fitz Gerald, assignors.)
- Schmidt, Victor P., and H. A. Brenaman, Altoona, Pa. Machine for grinding axles or the like. 1,902,188; Mar. 21.
- Schmidt, Walter. (See Nicodemus, O., and Schmidt.)
- Schmidt, Walter A., assignor to International Precipitation Company, Los Angeles, Calif. Heat interchanging apparatus. 1,916,337; July 4.
- Schmidt, Walther, H. Bothmann, and J. Ruhrmann, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Improving the mechanical properties of magnesium and its alloys. 1,923,591; Aug. 22.
- Schmidt, Walther, H. Bothmann, Bitterfeld, and J. Ruhrmann, Berlin-Tempelhof, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Improving the mechanical properties of magnesium and its alloys. 1,923,592; Aug. 22.
- Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Chuck and loading apparatus therefor. 1,915,005; June 20.
- Schmidt, William G., assignor to S. Degginger, Chicago, Ill. Cutting machine. 1,926,990; Sept. 12.
- Schmidtknecht, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mo. Basket. 1,893,586; Jan. 31.
- Schmidt'sche Heissdampf-Gesellschaft, m. b. H. (See Engler, Otto, assignor.)
- Schmidt'sche Heissdampf-Gesellschaft, m. b. H. (See Negendank, Curt, assignor.)
- Schmidt'sche Heissdampf-Gesellschaft mit beschränkter Haftung. (See Trede, H., and Hartmann, assignors.)
- Schmied, Franz, Tepitz-Schonau, Czechoslovakia. Automatic lubricating device. 1,904,803; Apr. 18.
- Schmied, James W., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier wave signaling system. 1,904,544; Apr. 18.
- Schmiedel, Johannes, assignor to the Firm Universelle Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Producing box or container parts having a curved bottom. 1,920,809; Aug. 1.
- Schmiedel, Karl. (See Paschen, P., Ritter, Stauber, Gebhardt, and Schmiedel.)
- Schmieding, Warren H. F., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,894,127; Jan. 10.
- Schmiege, Frank F., Kalamazoo, Mich. Apparatus for producing woven wire cloth. 1,898,692; Feb. 21.
- Schmierer, Eugene, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Packing gland. 1,900,523; Mar. 7.
- Schmierer, Johannes M., Berlin-Lichterfelde, Germany. Gas discharge relay. 1,893,638; Jan. 10.
- Schmieske, Carl. (See Bauer, G., and Schmieske.)
- Schmitt, Adolf, assignor to Mechanische Spinnerei & Weberei Greven, Hermann Biederlack & Co., Greven, Germany. Textile cover or similar article of manufacture. Des. 90,341; July 18.
- Schmitt, Caspar, Heidelberg, Germany. Extracting vitamin substances from cottonseed. 1,913,515; June 13.
- Schmitt, Edmund, Stratford, Conn. Pressure feed system for liquid fuel. 1,923,557; Aug. 22.
- Schmitt, Frank R., Queens Village, N. Y., assignor to American Machine and Foundry Company. Broken-web motor cut-out for wrapping machines. 1,915,550; June 27.
- Schmitt, Frank R., Queens Village, N. Y., assignor to American Machine & Foundry Company. Wrapper bander. 1,926,245; Sept. 12.
- Schmitt, Frank R., Queens Village, N. Y., assignor to American Machine & Foundry Company. Code dating device. 1,935,671; Nov. 21.
- Schmitt, George A., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Producing yarn rovings. 1,939,525; Dec. 12.
- Schmitt, George P., New York, N. Y., assignor to Platinum Products Corporation. Lighter. 1,937,097; Nov. 28.
- Schmitt, Herman. (See Roll, Edward E., assignor.)
- Schmitt, John A., assignor to The Universal Milking Machine Company, Waukesha, Wis. Milking apparatus. 1,919,172; July 18.
- Schmitt, John J. (See Eberlin, L. W., and Schmitt.)
- Schmitt, Joy B., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer control. 1,897,679; Feb. 14.
- Schmitt, Joy B., and P. B. Brown, assignors to The De Vilbiss Company, Toledo, Ohio. Perfume dispenser. 1,914,791; June 20.
- Schmittner, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Gear set. 1,894,927; Jan. 17.
- Schmittthener, Carlos, Heidenheim-on-the-Brenz, Germany. Turbine construction. 1,939,229; Dec. 12.
- Schmitz, Edward M. (See Halvorson, H. O., Schmitz, and Murray.)
- Schmitz, Fred A., Canton, Ohio. Weighing scale. 1,893,041; Jan. 3.
- Schmitz, Fred A., Canton, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Edge construction for desk tops and the like. 1,911,165; May 23.
- Schmitz, Fred A., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Filing cabinet. 1,934,380; Nov. 7.
- Schmitz, Helmuth. (See Broche, H., and Schmitz.)
- Schmitz, William L., jr., Los Angeles, Calif. Measuring dispenser. 1,930,944; Oct. 17.
- Schmiedel, Johannes, assignor to the Firm Universelle Cigarettenmaschinen-Fabrik, J. C. Müller & Co., Dresden, Germany. Making cigarette cartons. 1,920,810; Aug. 1.
- Schmöhl, Alfred C., Beaver Falls, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Car dumping mechanism. 1,940,732; Dec. 26.
- Schmuhl, Byron M., Centerline, assignor of one-third to Wm. Cadzow Ramsay, Detroit, Mich. Battery post clamp. 1,904,954; Apr. 18.
- Schnabel, Daniel, Menno, S. C. Tail holder. 1,915,764; June 27.
- Schnable, Albert E., New York, N. Y. Instrument for individual vary-sizing of type. 1,899,775; Feb. 28.
- Schnackel's, C., Son, Inc. (See McLean, William A., assignor.)
- Schnakenberg, Henry, Honesdale, Pa. Brake. 1,905,951; Apr. 25.
- Schnarnberg, Herman J. B., Fort Wadsworth, Staten Island, N. Y. Turnplate for cane sugar mills. 1,933,766; Nov. 7.
- Schnarr, Edward J., assignor to Bastian Brothers Company, Rochester, N. Y. Ring. 1,892,737; Jan. 3.
- Schnarr, Edward J., assignor to Bastian Brothers Company, Rochester, N. Y. Ring. 1,892,738; Jan. 3.
- Schnarr, Edward J., assignor to Bastian Brothers Company, Rochester, N. Y. Finger ring. 1,927,221; Sept. 19.
- Schnecko, Otto. (See Schwalbe, W. Fuchs, and Schnecko.)
- Schnecko, Otto, and W. Schwalbe, Wiesbaden, Germany, assignors to The Visking Corporation, Chicago, Ill. Manufacturing tubing from cellulose. 1,893,400; Feb. 21.
- Schneebeil, Hugo, Courbevoie, France. Carburetor. 1,902,378; Mar. 21.
- Schneevoigt, Alwin, Ludwigshafen-on-the-Rhine, and H. Krzikalla, Mannheim, Germany, assignors to General Aniline Works Inc., New York, N. Y. Resist paste. 1,921,947; Aug. 8.
- Schnefel Brothers, Inc. (See Schnefel, Maximilian, assignor.)
- Schnefel, Maximilian, assignor to Schnefel Brothers, Inc., Newark, N. J. Detachable spring for scissors or the like. 1,915,450; June 27.
- Schneeggenburger, Günther. (See le Bret, Ludwig, and Schneeggenburger.)
- Schneider, Albert E., Omaha, Nebr. Evaporator for refrigerators. 1,914,300; June 13.
- Schneider, Albert E., Carter Lake, Iowa, assignor to Baker Ice Machine Co. Inc., Omaha, Nebr. Unloader for gas compressors. 1,936,411; Nov. 21.
- Schneider, Anton, Karlsruhe in Baden, Germany. Floating isle, floating bridge, floating dock, and similar constructions. 1,908,714; May 16.
- Schneider, Arthur. (See Urbanek, J., and Schneider.)
- Schneider, Bernard R., Lyndhurst, and K. Kaiser, Ridgefield, N. J., assignors, by mesne assignments, to S. Karpen & Bros., Chicago, Ill. Feed mechanism for spring inserting machines. 1,915,264; June 20.
- Schneider, Bernard R., Lyndhurst, and K. Kaiser, Ridgefield, N. J., assignors, by mesne assignments, to S. Karpen & Bros., Chicago, Ill. Spring turning mechanism. 1,915,957; June 27.
- Schneider, Carl N., assignor to C. W. Beers, Brooklyn, N. Y. Hand tool for cutting tubing. Des. 89,793; May 2.
- Schneider, Christian, Chicago, Ill. Sign and display structure. 1,922,142; Aug. 15.
- Schneider, Christian, and H. Bueteufisch, Neuroessen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of mixtures of nitrogen and hydrogen from bituminous fuels. 1,898,967; Feb. 21.
- Schneider, Christian, and F. Sabel, Neuroessen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Gas producers. 1,911,586; May 30.
- Schneider & Cie. (See Methlin, Nicolas E., assignor.)
- Schneider, Edwin J., Jamaica, N. Y. Electric conductor. 1,908,062; May 9.
- Schneider, Edwin J., Jamaica, N. Y. Electric cable. 1,908,063; May 9.
- Schneider, Edwin J., Jamaica, and M. B. Bradt, Brooklyn, assignors, by mesne assignments, to General Cable Corporation, New York, N. Y. Electric conductor. 1,938,668; Dec. 12.
- Schneider, Frank A., San Francisco, Calif. Atomizer. 1,901,415; Mar. 14.
- Schneider, Frederick D., Hillsdale, and H. J. Long, assignors to The Kompak Co., New Brunswick, N. J. Mixing valve. 1,932,148; Oct. 24.
- Schneider, George. (See Dreyfus, C., and Schneider.)
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Ripening a cellulose ester and the product thereof. 1,916,689; July 4.

- Schneider, Heinrich, Beloit, Wis. Transmission. 1,901,265; Mar. 14.
- Schneider, Heinrich and K., Kahl-on-the-Main, assignors to E. Merck, Darmstadt, Germany. Wood wool covering. 1,923,643; Aug. 22.
- Schneider, Hermann. (See Straub, F., and Schneider.)
- Schneider, John F. (See Beaubien, P. D., Schneider, and Dupont.)
- Schneider, John N., New Brunswick, N. J. Indicator snap gauge. 1,892,969; Jan. 3.
- Schneider, Jules, La Chaux de Fonds, Switzerland. Mercury tube switch. 1,928,546; Sept. 26.
- Schneider, Karl. (See Schneider, Heinrich and K.)
- Schneider, Karl, deceased, by E. Fraenkel, administrator, Berlin-Pankow, Germany, assignor to General Electric Company. Tensioning device. 1,912,013; May 30.
- Schneider, Kurt, Brooklyn, N. Y., assignor to Oehler Machine Company, Inc. Automatic light control. 1,905,511; Apr. 25.
- Schneider, Louis. (See Modad, N., and Schneider.)
- Schneider, Oscar K., assignor to Harrington & King Perforating Company, Chicago, Ill. Grille panel structure and fittings. 1,932,644; Oct. 31.
- Schneider, Stefan, Philadelphia, Pa. Exhaust purifier. 1,921,783; Aug. 8.
- Schneider, Valentine A., St. Louis, Mo. Meat block cleaner and everser. 1,895,051; Jan. 24.
- Schneider, Wilhelm. (See Neresheimer, H., and Schneider.)
- Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic material. 1,912,797; June 6.
- Schneider, Willi F., Kotitz, near Coswig, assignor to the Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Tobacco supply means for cigarette machines. 1,941,190; Dec. 26.
- Schneider, William G., Maumee, assignor to The Electric Auto-Lite Company, Toledo, Ohio. Dynamo-electric machine construction. 1,917,552; July 11.
- Schneider, William R., Berkeley, assignor of one-fourth to W. H. Atkinson, San Francisco, Calif. Volt-ampere responsive apparatus. 1,915,581; June 27.
- Schneiderman, Eli S. (See Peter, K., Schneiderman, and Berkner.)
- Schneiderman, Joseph, Chicago, Ill. Protector for a nursing bottle and nipple thereof. Des. 89,654; Apr. 18.
- Schneiderman, Joseph, Chicago, Ill. Protector for a nursing bottle and nipple thereof. Des. 90,684; Sept. 12.
- Schneiderwirth, Herman J., Yonkers, N. Y. Purification apparatus. 1,897,217; Feb. 14.
- Schnell, Berthold. (See Schmidt, O., Schnell, and Meyer.)
- Schnell, Conrad, Woodhaven, N. Y. Motor truck. 1,895,866; Jan. 31.
- Schnell, Douglas S., Fort Thomas, Ky., and R. C. Fryer, Mount Washington, Ohio, assignors to Westinghouse Electric and Manufacturing Company. Means for testing watt-hour meters. 1,896,755; Feb. 7.
- Schnell, Julius L., Arlington, N. J. Fountain pen. 1,895,736; Jan. 31.
- Schnell, Steve. (See Dick, B., and Schnell.)
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake mechanism. 1,898,022; Feb. 21.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake band. 1,919,533; July 25.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 1,930,112; Oct. 10.
- Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 1,940,022; Dec. 19.
- Schnell, William. (See Morgan, J. R., and Schnell.)
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 89,452; Mar. 14.
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. Des. 89,453; Mar. 14.
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 91,088; Nov. 21.
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. Des. 91,089; Nov. 21.
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Method and apparatus for making a sill plate. 1,905,398; Apr. 25.
- Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Latch. 1,928,767; Oct. 3.
- Schnelling, Samuel, Chicago, Ill. Escutcheon for bracelets or the like. Des. 89,353; Feb. 28.
- Schnellpressenfabrik Aktiengesellschaft Heidelberg. (See Becker, Nikolaus, assignor.)
- Schnellpressenfabrik Koenig & Bauer, Aktiengesellschaft. (See Fritz, Hanns, assignor.)
- Schnellpressenfabrik Koenig & Bauer Aktiengesellschaft. (See Hamburg, Willibald, assignor.)
- Schnepf, Emil L., assignor to Scammell China Company, Trenton, N. J. Plate. Des. 89,860; May 9.
- Schnepf, William K., Rochester, N. Y. Selector switch for automatic telephone systems. 1,893,565; Jan. 10.
- Schnetzler, Siegfried, Bear Creek, assignor to General Aviation Corporation, Dundalk, Md. Welding apparatus. 1,933,936; Nov. 7.
- Schnetzler, Siegfried, Bear Creek, assignor to General Aviation Corporation, Dundalk, Md. Welding. 1,933,937; Nov. 7.
- Schnetzler, Siegfried, Sparrows Point, assignor to General Aviation Manufacturing Corporation, Dundalk, Md. Apparatus for welding. 1,933,938; Nov. 7.
- Schnetzler, Harry G., Hammond, assignor to Standard Oil Company, Whiting, Ind. Apparatus for distilling hydrocarbon oils. 1,916,690; July 4.
- Schnitter, Sylvester B., Maracaibo, Venezuela. Flow checker. 1,892,906; Jan. 3.
- Schnitzer, Louis M., assignor to Empire Silver & Chrome Corp., New York, N. Y. Lamp. Des. 90,594; Aug. 29.
- Schnitzspahn, August. (See Schober, O., and Schnitzspahn.)
- Schnoor, Raymond D., Chicago, Ill. Bottle cap lifter. Des. 89,924; May 16.
- Schnorbach, P. P. (See Rosmalt, John A., assignor.)
- Schnore, George R., Elgin, Oreg. Milk cabinet. 1,913,247; June 6.
- Schnuck, Carl F., New Haven, assignor to Farrel Birmingham Company, Incorporated, Ansonia, Conn. Equalizing mechanism for belt presses or the like. 1,923,166; Aug. 22.
- Schnuck, Carl F., New Haven, Conn., assignor to Farrel Birmingham Company, Incorporated, Ansonia, Conn. Roll grinding or similar machine. 1,937,985; Dec. 5.
- Schnuck, Carl F., New Haven, and F. H. Banbury, assignors to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Mixing machine. 1,905,755; Apr. 25.
- Schnur, William V., Glencoe, assignor to P. Becker & Company, Chicago, Ill. Table tennis net assembly. 1,925,572; Sept. 5.
- Schnurer, Octave, Pittsburgh, Pa. Method of and apparatus for making building tiles. 1,921,100; Aug. 8.
- Schnyder, Hans, Biel, Switzerland. Shaving cup. 1,903,882; Apr. 18.
- Schober, Oskar, Horrem, near Cologne, Germany, assignor to American Lurgi Corporation, New York, N. Y. Separating aluminum alloys. 1,938,046; Dec. 5.
- Schober, Oskar, and A. Schnitzspahn, Horrem, near Cologne-on-the-Rhine, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of aluminum silicosulphide. 1,921,705; Aug. 8.
- Schoch, Bernard. (See Fritzsche, John T., assignor.)
- Schoch, Eugene P., Austin, Tex. Treatment of minerals. 1,924,519; Aug. 29.
- Schodde, George W., Newark, N. J. Scouring and polishing implement. 1,914,533; June 20.
- Schoedinger, F. O. (See Packer, Motimer L., assignor.)
- Schoedinger, Jacob A., sr., Miami, Fla. Tire. Des. 90,179; June 20.
- Schoeller, Walter, Berlin-Charlottenburg, H. Jordan, Berlin-Steglitz, and R. Clerc, Berlin, Germany, assignors to the Firm Schering-Kahlbaum Aktiengesellschaft. Production of phenolic compounds. 1,901,824; Mar. 14.
- Schoeller, Walter, E. Schwenk, and M. Gehrke, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Acylated derivatives of the testicle hormone. 1,907,591; May 9.
- Schoeller, Walter, and E. Schwenk, Berlin-Westend, H. Goebel, Berlin-Reinickendorf, and S. Michael, Munich, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Phosphoric acid ester of gluconic acid. 1,907,592; May 9.
- Schoeller, Walter, Berlin-Westend, and E. Borgwardt, Berlin-Pankow, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Manufacture of monobrominated methane. 1,916,742; July 4.
- Schoeller, Walter, and E. Schwenk, Berlin-Westend, and E. Borgwardt, Berlin-Pankow, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of methane. 1,921,138; Aug. 8.
- Schoeller, Walter, Berlin-Westend, and H. Goebel, Berlin-Reinickendorf, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Influencing plant growth. 1,929,079; Oct. 3.
- Schoeller, Wilhelm, Berlin, Germany. Vacuum cleaner. 1,907,370; May 2.
- Schoen, August C., Lansdale, Pa. Stocking inspecting device. 1,917,067; July 4.
- Schoen, Karl, Wuerzburg, Germany. Rolling dam. 1,926,819; Sept. 12.
- Schoen, Murk J., Zaandam, Netherlands. Tightening composition. 1,903,709; Apr. 11.
- Schoenberg, Virgil A., Niles Center, Ill. Oil testing. 1,940,373; Dec. 19.
- Schoenberg, Virgil A., assignor to Light Research Corporation, Niles Center, Ill. Colorimeter. 1,928,544; Dec. 5.
- Schoenberg, Virgil A., assignor to Light-Sensitive Apparatus Corporation, Niles Center, Ill. Oil tester. 1,940,772; Dec. 26.
- Schoenberger, W. J., Company, The. (See Kindl, Joseph V., assignor.)
- Schoene, Kurt, Hamburg, Germany. Guiding means for annular valves. 1,925,564; Sept. 5.
- Schoenfeld, Frank K. (See Crawford, R. A., and Schoenfeld.)
- Schoenfeld, Jacob. (See Isaacson, Harry, assignor.)
- Schoenfeld, Jacob, New York, N. Y. Locking device for portable receptacles. 1,919,076; July 18.
- Schoenfeld, Jacob, New York, N. Y. Frame. 1,931,511; Oct. 24.
- Schoenfeld, Joseph, San Francisco, Calif. Ice cream cone. 1,894,645; Jan. 17.
- Schoenfeld, Joseph, San Francisco, Calif. Ice cream cone. 1,938,113; Dec. 5.

- Schoenfeld, Lester W., Philadelphia, Pa. Soda fountain construction. 1,910,262; May 23.
- Schoenfeld, Morris, Zurich, Switzerland. Device for treating coils or similar annular masses of spun filaments of artificial silk. 1,915,034; June 20.
- Schoenfeld & Wolf, Inc. (See Wolf, Charles, assignor.)
- Schoenfeldt, Henry W., Youngstown, Ohio. Pencil sharpener. 1,905,608; Apr. 25.
- Schoeni, Walter, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Ship-propulsion system. 1,910,368; May 23.
- Schoening, William A., Chicago, Ill. Window construction. 1,902,973; Mar. 28.
- Schoenky, August R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Box toe conditioning machine. 1,895,524; Jan. 31.
- Schoenky, August R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Box toe conditioning machine. 1,927,954; Sept. 26.
- Schoenky, August R., and J. W. Johnson, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe treating apparatus. 1,923,167; Aug. 22.
- Schoenky, Otto B., South Pasadena, Calif., and R. U. Lipscomb, El Paso, Tex. Locomotive driving journal box. 1,913,996; June 13.
- Schoenlau, Theodore A., St. Louis, Mo. Filtering means. 1,919,805; July 25.
- Schoenleber, Leonard G., and A. H. Graves, Toledo, Ohio. Dedicated to the free use of the public. Flow attachment. 1,929,957; Oct. 10.
- Schoenrock, Otto R., Chicago, Ill., assignor to Oliver Farm Equipment Company. Clutch coupling. 1,900,305; Mar. 7.
- Schoenwald, Otto H. (See Ford, G. M., and Schoenwald.)
- Schoenwetter, Reinhold D. (See Marshall, Albert E., assignor.)
- Schofield, Charles, assignor to Dobson & Barlow Limited, Bolton, England. Apparatus for supplying fibrous material such as cotton during preparation for spinning. 1,895,052; Jan. 24.
- Schofield, George R., Los Angeles, Calif., assignor to S. G. S. Industries, Inc., Dover, Del. Window shade adjustment fixture. 1,913,902; June 13.
- Schofield, James, et al. (See Deubel, Joseph, assignor.)
- Schofield, Theodore J., L. E. Johnson, and F. W. Billig, assignors to The Sparks-Withington Company, Jackson, Mich. Signaling device. 1,899,731; Feb. 28.
- Schofield, William R., jr. (See Harsch, J. W., and Schofield, assignor.)
- Schol, Carl H., Allendorf, Germany. Apparatus for treating liquid furnace material. 1,939,138; Dec. 12.
- Scholbe, Paul F. (See Sorensen, Edward E., assignor.)
- Scholes, Daniel R., Oak Park, assignor to Aermotor Company, Chicago, Ill. Pump. 1,901,061; Mar. 14.
- Scholes, Howard S. (See Wilmarth, Louis R., assignor.)
- Scholey, William A. (See Thompson, Ralph P., assignor.)
- Scholl, Albert A., Bronxville, assignor to International Paper Company, New York, N. Y. Window bag. 1,926,065; Sept. 12.
- Scholl, Albert A., Bronxville, assignor to International Paper Company, New York, N. Y. Window bag. 1,926,066; Sept. 12.
- Scholl, Bernhard, Rolsdorf, near Duren, assignor to Zimmermann & Jansen, G. m. b. H., Duren-Rhld., Germany. Valve actuating means for air heaters. 1,905,065; Apr. 25.
- Scholl, Gustav J. (See McDonald, R. E., and Scholl.)
- Scholl Mfg. Co., Inc. Th. (See Deller, Maria, assignor.)
- Scholl, Paul, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Apparatus for production of cold. 1,926,654; Sept. 12.
- Schollhorn, Wm., Company, The. (See Heise, Arthur R., assignor.)
- Schöllkopf, Karl, assignor to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Düsseldorf-Oberkassel, Germany. Catalytic alkylation of organic compounds. 1,908,190; May 9.
- Schöllkopf, Karl, assignor to Rheinische Kampfer-Fabrik G. m. b. H., Düsseldorf-Oberkassel, Germany. Production of cresol ethers alkylated in the nucleus. 1,927,136; Sept. 19.
- Schöllkopf, Karl, Düsseldorf-Oberkassel, and A. Serini, Düsseldorf-Heerdt, assignors to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Düsseldorf-Oberkassel, Germany. Preparing thymol. 1,902,904; Mar. 28.
- Schöllkopf, Karl, Düsseldorf-Oberkassel, and A. Serini, Düsseldorf-Heerdt, assignors to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Düsseldorf-Oberkassel, Germany. Preparing pure optically inactive menthol. 1,904,545; Apr. 18.
- Schollmeyer, William A., Yonkers, N. Y. Nonglare mirror shield. 1,910,503; May 23.
- Schollmeyer, William A., Yonkers, N. Y. Game. 1,940,970; Dec. 26.
- Scholtes, Albert J., Baltimore, Md. Hose union. 1,917,553; July 11.
- Scholtz, Edward J., Laurel, N. Y. Air duct register drawer. 1,911,851; May 30.
- Scholz, Burton P., Webster Groves, Mo. Gear shifting apparatus. 1,897,591; Feb. 14.
- Scholz, William, Altona-Flottbek, Germany. Rudder for ships. 1,897,824; Feb. 14.
- Scholz, William, Altona-Flottbek, Germany. Rudder. 1,936,409; Nov. 21.
- Scholz, William P., Morristown, N. J. Switch heater for railroads. 1,897,218; Feb. 14.
- Scholz, William P., Morristown, N. J. Deflector trough for switch heaters. 1,937,130; Nov. 28.
- Schomer, Henry J., assignor to Waite Carpet Company, Oshkosh, Wis. Tufting mechanism. 1,893,660; Jan. 10.
- Schomer, Henry J., assignor to Waite Carpet Company, Oshkosh, Wis. Bracket for funeral drapes. 1,894,793; Jan. 17.
- Schön, Per M. E. (See Wiberg, A. R., and Schön.)
- Schonberg, Jackson R., Westfield, N. J., assignor to Standard Oil Development Company. Removing entrained liquid from gases and vapors. 1,919,599; July 25.
- Schönburg, Curt, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Plastic mass. 1,919,575; July 25.
- Schönfeld, Ulrich, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Electrical radiation apparatus. 1,921,543; Aug. 8.
- Schönfeldt, Nikolaus. (See Engelhardt, V., and Schönfeldt.)
- Schönhöfer, Fritz. (See Schulemann, W., Schönhöfer, and Wiegler.)
- Schönhöfer, Fritz, Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of quinoline derivatives and the products. 1,902,103; Mar. 21.
- Schönhöfer, Fritz, and H. Andersag, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. New quinoline derivative. 1,938,047; Dec. 5.
- Schonitzer, Rudolph I., Auburn, Ind., assignor to Manning & Co., Chicago, Ill. Automobile radiator shell. 1,915,476; June 27.
- Schopbach, Charles H., assignor to International Corset Company, Aurora, Ill. Combination corset and brassiere. 1,919,261; July 25.
- Schopp, William C., Huntington Park, Calif. Cleaning device. 1,927,350; Sept. 19.
- Schoppel, Paul H., New York, N. Y. Bottle or the like. Des. 90,342; July 18.
- Schoppel, Paul H., New York, N. Y. Bottle or the like. Des. 90,343; July 18.
- Schopper, Walter, Hamburg, Germany. Production of pure arsenious oxide from arsenical product. 1,921,706; Aug. 8.
- Schor, Joseph, et al. (See Skoverski, John R., assignor.)
- Schoradt, Frederick W. B., assignor to Chas. Cory Corporation, New York, N. Y. Indicator. 1,895,838; Jan. 31.
- Schörg, Carl. (See Fendt, E., and Schörg.)
- Schorger, Arlie W., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Fermentation process. 1,911,399; May 30.
- Schorger, Arlie W., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Manufacture of ether derivatives of carbohydrates like cellulose. 1,914,172; June 13.
- Schorger, Arlie W., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Manufacture of ether derivatives of carbohydrates like cellulose. 1,941,276; Dec. 26.
- Schorger, Arlie W., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Manufacture of ether derivatives of carbohydrates like cellulose. 1,941,277; Dec. 26.
- Schorger, Arlie W., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Manufacture of ether derivatives of carbohydrates like cellulose. 1,941,278; Dec. 26.
- Schorno, Albert, assignor of one-half to C. Cegler, Grand Rapids, Mich. Ice cream roll cake. 1,905,756; Apr. 25.
- Schornstein, Joseph J., New York, N. Y. Valve handle. 1,923,691; Aug. 22.
- Schott, Charles G., St. Louis, Mo. Stove. 1,939,832; Dec. 19.
- Schott, Florentine L. (See Moisseff-Muspratt, Paul, assignor.)
- Schott, George M., assignor to The Cincinnati Galvanizing Company, Cincinnati, Ohio. Collapsible stand. 1,940,565; Dec. 19.
- Schott, Louis, assignor to The Cincinnati Galvanizing Company, Cincinnati, Ohio. Waste receptacle. 1,939,139; Dec. 12.
- Schottenfels, Henry, West New York, N. Y. Brassiere. 1,914,301; June 13.
- Schottthoefer, Joseph G., Peoria, Ill. Combined wrench and gauge. 1,935,131; Nov. 14.
- Schouten, Frank, Glenarm, assignor to The Black & Decker Manufacturing Company, Towson, Md. Balanced spring hammer magnetic type. 1,904,955; Apr. 18.
- Schouwstra, Pieter, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Connecting device for electric discharge tubes. 1,933,344; Oct. 31.
- Schrade Cutlery Company. (See Schrade, Jacob L., assignor.)
- Schrade, Jacob L., assignor to Schrade Cutlery Company, Walden, N. Y. Pocket knife. 1,931,360; Oct. 17.
- Schrader, Carl, Berlin-Halensee, G. Keinath, Berlin-Charlottenburg, F. Polin, Berlin-Grunewald, and H. Ritz, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Power transformer and more particularly to transformers and reactors for extra high voltage currents. 1,916,588; July 4.

- Schrader, Charles D., Logansport, Ind. Waxing and polishing device. 1,915,902; June 27.
- Schrader, Harold D., Tulsa, Okla. Gas burner and mixing chamber therefor. 1,912,730; June 6.
- Schrader, Herbert E., Jenkintown, Pa., assignor to The Lamson Company, Syracuse, N. Y. Conveyer system. 1,906,339; May 2.
- Schrader, Joseph, Cleveland, Ohio. Lamp. Des. 89,577; Apr. 4.
- Schrader, Thomas O., Allentown, assignor to The Dent Hardware Company, Fullerton, Pa. Latch and keeper combination. Des. 89,096; Jan. 24.
- Schrader, Thomas O., Allentown, Pa., assignor, by mesne assignments, to C. V. Hill & Co., Inc., Trenton, N. J. Hinge for doors. 1,928,394; Sept. 26.
- Schrader's, A., Son, Inc. (See Ellberg, J., and Cronwall, assignors.)
- Schrader's, A., Son, Inc. (See Lewis, Arthur J., assignor.)
- Schrader's, A., Son, Inc. (See Lewis, A. J., Richardson and Spill, assignors.)
- Schrader's, A., Son, Inc. (See Lewis, A. J., Richardson, Spill and Haven, assignors.)
- Schrader's, A., Sons, Incorporated. (See Morgan, Gerry A., assignor.)
- Schrader's, A., Sons, Incorporated. (See Wahl, John, assignor.)
- Schrader's, A., Son, Incorporated. (See Williams, Selden T., assignor.)
- Schram, Adolf P. C., New York, N. Y. Portable fan. 1,936,311; Nov. 21.
- Schram, Alexander L., Hillsboro, Ill. Fruit jar cap. 1,918,786; July 18.
- Schram, Edmund E., Detroit, Mich. Pole socket. 1,933,282; Oct. 31.
- Schram, Frank, Crystal Lake, Ill. Pink rose. Pl. Pat. No. 72; July 25.
- Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Machine for shaping the backs of unbound books. Re18,920; Aug. 22.
- Schramm, Carl, South Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Throat plate for book stitching machines. 1,915,551; June 27.
- Schramm, Emil. (See Ellinger, O. K., and Schramm.)
- Schramm, Fred W., East Orange, N. J., assignor to American Telephone and Telegraph Company. Current generating device. 1,926,181; Sept. 12.
- Schramm, Fred W., East Orange, N. J., assignor to American Telephone and Telegraph Company. Gas filled discharge tube control system. 1,932,606; Oct. 31.
- Schramm, Hermann, Berlin, Germany. Hair net or cap. 1,929,080; Oct. 3.
- Schramm, Incorporated. (See Gustafson, Alfred N., assignor.)
- Schramm, William F., Woonsocket, S. Dak. Windrow or bunching attachment for mowers. 1,931,416; Oct. 17.
- Schranck, Henry C., Milwaukee, Wis., assignor, by mesne assignments, to Baker Ice Machine Company, Omaha, Nebr. Apparatus for the manufacture of frozen confections. 1,912,352; May 30.
- Schrank, Max C., Bridgeton, N. J. Garment. 1,894,062; Jan. 10.
- Schranz, Charles A., assignor to W. Wood, trading as R. D. Wood & Company, Philadelphia, Pa. Plug for steam platens and other metallic articles. 1,905,653; Apr. 25.
- Schrauth, Walther, Berlin-Dahlem, Germany. Producing stearine. 1,904,546; Apr. 18.
- Schrauth, Walther, Berlin, Germany. Manufacturing high-melting wax products. 1,928,438; Sept. 26.
- Schrauth, Walther, Berlin-Dahlem, Germany. Greasing textile fibers and fabrics. 1,936,484; Nov. 21.
- Schrauth, Walther, Berlin-Wilmersdorf, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Co., Wilmington, Del. Production of aliphatic di-carboxylic acids. 1,921,101; Aug. 8.
- Schrauth, Walther, Berlin-Wilmersdorf, assignor, by mesne assignments, to Unichem Chemikalien Handels, A. G. Zurich, Switzerland. Producing emulsifiable materials of wax-like character. 1,932,643; Oct. 31.
- Schreck, Hans L., Easton, Pa. Flying shears. 1,936,485; Nov. 21.
- Schreck, Hans L., assignor to Treadwell Engineering Company, Easton, Pa. Traveling tilting table. 1,928,395; Sept. 26.
- Schreck, Hans L., assignor to Treadwell Engineering Company, Easton, Pa. Ingot receiving and delivering device. 1,936,486; Nov. 21.
- Schreck, Hans L., assignor to Treadwell Engineering Company, Easton, Pa. Flying shears. 1,939,140; Dec. 12.
- Schreck, Irvin F., East Cleveland, Ohio. Truck for cylinders. 1,913,295; June 6.
- Schreck, Irvin F., East Cleveland, Ohio. Self loading and unloading truck. 1,924,885; Aug. 29.
- Schreiber, Gustav, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Working magnesium and high percentage magnesium alloys by rolling. 1,902,905; Mar. 28.
- Schreiber, Harry, Detroit, Mich. Vacuum furnace cleaner. 1,937,792; Dec. 5.
- Schreiber, Louis J. J. (See Deakin, G., and Schreiber.)
- Schreiner, Franz, Salzburg, Austria. Primer for engine driven rotary pumps. 1,933,123; Oct. 31.
- Schricket, Carl T., assignor of one-third to N. L. Euwer, St. Louis, Mo. Guitar attachment. 1,926,561; Sept. 12.
- Schricket, Otto, Mount Healthy, Ohio. Mower guide for lawn fixtures. 1,916,494; July 4.
- Schrier, Donald P., and C. F. Jackson, assignors to Reynolds Spring Company, Jackson, Mich. Automatic cut-off machine. 1,923,751; Aug. 22.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Stabilizing glow-discharge tubes. 1,908,191; May 9.
- Schriever, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling. 1,911,091; May 23.
- Schrodeck, Edward F. (See Huston, A. C., Simonsen, Gilliland, Huffman, Higgins, and Schrodeck.)
- Schröder, Einer, and J. A. S. van Deurs, Copenhagen, Denmark. Process and apparatus for the mechanical productions of froth. 1,927,376; Sept. 19.
- Schroder, George T., New York, N. Y. Insect trap. 1,936,644; Nov. 28.
- Schröder, Johannes N., Leeuwarden, Netherlands. Machine for working, molding, and shaping dough. 1,903,572; Apr. 11.
- Schröder, Richard, Berlin, Germany. Hydrometer. 1,898,903; Feb. 21.
- Schroder, William, assignor to The Sebastian Lathe Company, Covington, Ky. Carriage control. 1,912,409; June 6.
- Schrodt, Inez E. (See Ryden, M., and Schrodt, assignor.)
- Schroeder, Arthur C., Syracuse, N. Y., assignor to Consolidated Paper Company, Monroe, Mich. Method and machine for making corrugated fiber board. 1,935,214; Nov. 14.
- Schroeder, Carl A., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting fixture. 1,894,063; Jan. 10.
- Schroeder, Carl J., assignor to Standard Oil Company, Chicago, Ill. Container tipping machine. 1,935,891; Nov. 21.
- Schroeder, Clement J. (See Dumser, L. A., and Schroeder.)
- Schroeder, Ernst J., Americus, Ga. Heating system. 1,919,576; July 25.
- Schroeder, Frank, Kansas City, Mo., assignor to The Toy Tinkers, Inc., Evanston, Ill. End expander for structural toy rods. 1,920,021; July 25.
- Schroeder, Frank C. (See Loedding, Alfred C., assignor.)
- Schroeder, Frederic W., assignor to Corhart Refractories Company, Louisville, Ky. Casting of aluminum silicate refractories. 1,903,944; Apr. 18.
- Schroeder, Frederick A. (See Hart, L., and Schroeder.)
- Schroeder, Frederick A., Rochelle Park, assignor to Raymond Concrete Pile Company, New York, N. Y. Reamer for earth boring buckets. 1,916,691; July 4.
- Schroeder, Frederick A., Rochelle Park, and A. E. Twist, Rutherford, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. File shell. 1,900,524; Mar. 7.
- Schroeder, Günther. (See Pontow, W., Abendroth, Schroeder, and Mayr.)
- Schroeder, Harry C. (See Beauchamp, P. W., and Beckam, assignors.)
- Schroeder, Harry C., et al. (See Langbein, Harold W., assignor.)
- Schroeder, Henry L., Chicago, Ill. Baker's peel. 1,906,281; May 2.
- Schroeder, Henry L., Chicago, Ill. Baker's peel. 1,906,282; May 2.
- Schroeder, Henry L., Chicago, Ill. Baker's peel. 1,935,955; Nov. 21.
- Schroeder, Henry R., Omaha, Nebr. Internal combustion motor. 1,900,466; Mar. 7.
- Schroeder, John J., Philadelphia, Pa. Draught chimney top. 1,940,566; Dec. 19.
- Schroeder, Max, Berlin, Germany. Production of gaseous mixtures containing sulphur dioxide. 1,901,416; Mar. 14.
- Schroeder, Norman W., and C. E. Hartsing, Toledo, Ohio. Estimating scale. 1,907,677; May 9.
- Schroeder, Oscar C., and S. Perry; said Perry assignor to Automatic Burner Corporation, Chicago, Ill. Heater. 1,915,903; June 27.
- Schroeder, Oscar C., and S. Perry; said Perry assignor to Automatic Burner Corporation, Chicago, Ill. Oil burner. 1,936,271; Nov. 21.
- Schroeder, Otto F., Santa Ana, Calif. Torpedo dart. 1,893,787; Jan. 10.
- Schroeder, Rudolph. (See Wuebben, Matthew F., assignor.)
- Schroeder Simon E., assignor to The Maytag Company, Newton, Iowa. Washing machine. 1,898,218; Feb. 21.
- Schroeder, William, assignor to Mercury Manufacturing Company, Chicago, Ill. Hydraulic lift for truck. 1,917,602; July 11.
- Schrotenboer, Benjamin, Kalamazoo, Mich. Box picture frame. 1,940,328; Dec. 19.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Apparatus for photoelectric exploration by reflection method in copying and picture telegraphy. 1,897,219; Feb. 14.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Piezoelectric oscillating crystal in a vacuum vessel. 1,898,599; Feb. 21.

- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Mirror wheel. 1,912,731; June 6.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Photo-electric modulating system. 1,912,732; June 6.
- Schröter, Fritz, Berlin, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric discharge device. 1,917,739; July 11.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for broadcasting on waves of one meter and one decimeter. 1,918,291; July 18.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter tube for ultra-short waves. 1,921,640; Aug. 8.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Current supply means. 1,924,418; Aug. 29.
- Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Facsimile signaling system. 1,937,131; Nov. 28.
- Schröter, Fritz, and W. Ilberg, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Multiplex communication system. 1,930,693; Oct. 17.
- Schröter, Fritz, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitting telegrams and pictures on short waves. 1,914,898; June 20.
- Schröter, Fritz, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving arrangement for radiosignals. 1,934,211; Nov. 7.
- Schroy, Paul C. (See Hansen, W. C., and Schroy.)
- Schruefer, John A., Ferndale, assignor to Gigelow-Liptak Corporation, Detroit, Mich. Furnace wall. 1,921,843; Aug. 8.
- Schubnel, Robert X., Pantin, France. Tap. 1,894,064; Jan. 10.
- Schubert, Fritz. (See Wilke, K., Stock, and Schubert.)
- Schubert, Georg. (See Banneitz, F., and Schubert.)
- Schubert, Hermann, Radebeul, near Dresden, Germany. Centrifugal machine. 1,909,015; May 16.
- Schubert, Hermann J., Hackensack, N. J. Paper hanger's table or board. 1,893,788; Jan. 10.
- Schubert, Julius, Lyndhurst, N. J. Composite cylinder for internal combustion engines. 1,898,145; Feb. 21.
- Schubert, Max. (See Herz, R., and Schubert.)
- Schubert, Max. (See Herz, R., Schubert, and Hechtenberg.)
- Schubert & Saezer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)
- Schubert, Wilfred G., assignor to The Stearns & Foster Company, Cincinnati, Ohio. Mattress. 1,898,573; Feb. 21.
- Schuchardt, Rudolph F., deceased, Northern Trust Company, executor, Chicago, Ill. Relay system. 1,931,013; Oct. 17.
- Schuchardt, Rudolph F., and E. D. Tillson, assignors to Associated Engineers Company, Chicago, Ill. Electric sign. 1,928,705; Oct. 3.
- Schuchman, George A., assignor, by mesne assignments, to Arbel Corporation, Chicago, Ill. Electric generator. 1,910,063; May 23.
- Schuck, Raymond W., Homewood, and J. L. Brown, Verona, Pa., assignors to Westinghouse Electric and Manufacturing Company. Vertical oil bearing. 1,920,326; Aug. 1.
- Schuda, Ernest J., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,911,472; May 30.
- Schuda, Ernest J., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,935,231; Nov. 14.
- Schueler, Julian L., Kokomo, Ind. Apparatus for wiping molten metallic coatings. Re18,871; June 20.
- Schueler, Julian L., Kokomo, Ind. Continuous galvanizing. 1,936,487; Nov. 21.
- Schuelke, Emil A., and J. Ross, Meriden, Conn., assignors to The Napier Co. Liquid measuring device. 1,924,809; Aug. 29.
- Schuerlin, Alois, Detroit, Mich. Wrench. 1,912,597; June 6.
- Schuett, John H., Hull, Iowa. Post. 1,898,499; Feb. 21.
- Schuette, Hermann. (See Beller, H., and Schuette.)
- Schuette, Hermann. (See Nuesslein, J., and Schuette.)
- Schuette, Hermann, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Mercerizing liquor. 1,929,654; Oct. 10.
- Schüffler, Julius, Essen-Ruhr, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Furnace for smelting aluminum. 1,924,200; Aug. 29.
- Schüffler, Julius, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Apparatus for smelting aluminum and other light metals. 1,924,201; Aug. 29.
- Schuh, Charles F., Lexington, assignor to The Cando Corporation, Cambridge, Mass. Vaporizer. 1,920,599; Aug. 1.
- Schuhmann, Hans, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Conducting varnish. 1,913,214; June 6.
- Schuhmann, Reinhardt. (See Perl, J., and Schuhmann.)
- Schulein, Joseph, Rockford, Ill. Metal part and process of hardening. 1,934,741; Nov. 14.
- Schulemann, Werner, Vohwinkel, near Elberfeld, F. Mietzsch, Elberfeld, Germany, and A. Wingler, Westfield, N. J., assignors to Winthrop Chemical Company, Inc., New York, N. Y. Compounds of the xanthene series. 1,902,104; Mar. 21.
- Schulemann, Werner, Vohwinkel near Elberfeld, F. Schönhöfer, and A. Wingler, Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Substituted amino quinolines and making the same. 1,903,196; Mar. 28.
- Schulenberg, William L., Fredonia, N. Y. Sand blasting apparatus. 1,935,956; Nov. 21.
- Schuler, Gustave, assignor to Swift & Company, Chicago, Ill. Slicing machine. 1,907,161; May 2.
- Schulgasser, Enoch, Buffalo, N. Y. Necktie. 1,933,345; Oct. 31.
- Schulhoff, Baltimore, Md. Steel wool holder. 1,905,307; Apr. 25.
- Schulke, Louis A., Lakewood, Ohio. Composition board. 1,906,637; May 2.
- Schullerman, Ludwig, Astoria, N. Y. Suspenders. 1,902,342; Mar. 21.
- Schulman, Louis, et al. (See Herman, Raymond L., assignor.)
- Schulman, Solomon, New York, N. Y. Mop wringer. 1,918,986; July 18.
- Schulmayer, Johannes C., Bloemendaal, Netherlands. Dirigible headlight. 1,920,527; Aug. 1.
- Schulse, H. E., Inc. (See Schulse, Herman E., assignor.)
- Schulse, Herman E., New York, N. Y., assignor to H. E. Schulse, Inc. Flexible shaft. 1,912,658; June 6.
- Schulstadt, Herbert H. (See Schulstadt, Hugo G., assignor.)
- Schulstadt, Hugo G., assignor to H. H. Schulstadt, Maplewood, N. J. Sound-absorbent material. 1,928,034; Sept. 26.
- Schult, Kurt, Berli-Steglitz, Germany. Holding clip consisting of a spring for cigarettes or cigars. 1,894,128; Jan. 10.
- Schulte, Clifford L., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 1,938,768; Dec. 12.
- Schulte, Frank, Walford, Iowa. Veterinary obstetrical instrument. 1,934,513; Nov. 7.
- Schulte, Fritz. (See Müller, Luce, and Schulte.)
- Schulte, Fritz, Philadelphia, Pa. Light-relay compass for direction and indication. 1,929,400; Oct. 3.
- Schulte, George A., Mountain Lakes, N. J. Cabinet bath. 1,932,122; Oct. 24.
- Schulte, Grover C., Houston, Tex. Fire extinguisher. 1,927,246; Sept. 19.
- Schulte, John, jr., Cincinnati, Ohio. Plumbing fixture. 1,929,536; Oct. 10.
- Schulte, Louis, Cleveland, Ohio, assignor to Allegheny Steel Company. Grinding machine. 1,929,101; Oct. 3.
- Schulte, Walter B., assignor to Burgess Battery Company, Madison, Wis. Starch coating composition. 1,911,400; May 30.
- Schulte, Walter B., assignor to Burgess Battery Company, Madison, Wis. Hand lamp. 1,940,023; Dec. 19.
- Schulte, Walter B., and J. S. Zook, assignors to Burgess Battery Company, Madison, Wis. Electric battery. 1,937,045; Nov. 28.
- Schulte, Walter B., and J. S. Zook, assignors to Burgess Battery Company, Madison, Wis. Electric battery. 1,937,046; Nov. 28.
- Schulte, William H., Trenton, N. J. Drinking fountain. 1,901,046; Mar. 14.
- Schulte, William H., Trenton, N. J. Valve mechanism. 1,929,522; Oct. 10.
- Schultis, Cartheo. (See Fleischhauer, R., and Schultis.)
- Schultis, Charles F., assignor of one-fourth to S. W. Goldman and one-fourth to I. Herzbrun, Cleveland, Ohio. Pipe coupling. 1,925,937; Sept. 5.
- Schultis, Charles F., assignor to The Royal Brass Mfg. Company, Cleveland, Ohio. 1,939,141; Dec. 12.
- Schultz, Albert B. (See Cavanagh, G. F., and Schultz.)
- Schultz, Albert B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,920,218; Aug. 1.
- Schultz, Alfred C., assignor of one-half to E. Baumle, Burlington, Iowa. Alarm apparatus. 1,938,155; Dec. 5.
- Schultz, Alfred, and C. N. Frey, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 1,893,152; Jan. 3.
- Schultz, Alfred W., Waterloo, Iowa. Mechanism for constructing concrete pipe. 1,899,115; Feb. 28.
- Schultz, August E. (See Masslow, William C., assignor.)
- Schultz, August L., Cleveland, Ohio, assignor to Multi-graph Company, Wilmington, Del. Packing mechanism for type setting machines. 1,917,276; July 11.
- Schultz, Ernest L., East Melbourne, Victoria, Australia. Retort. 1,931,417; Oct. 17.
- Schultz, Fred, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Pan cover and frame. 1,918,493; July 18.
- Schultz, Fred, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Baker's receptacle. 1,935,920; Nov. 21.
- Schultz, Frederick, jr. (See Mortensen, Martin P., assignor.)
- Schultz, Magnus J., Mason City, Iowa. Collapsible box. 1,938,225; Dec. 5.
- Schultz, Paul I. (See Bacher, R. L., and Schultz.)

- Schultz, Paul I. (See Pelouch, J. J., and Schultz.)
- Schultz, Paul I., assignor to The United States Air Compressor Company, Cleveland, Ohio. Display panel. 1,917,603; July 11.
- Schultz, Paul I., assignor to The United States Air Compressor Company, Cleveland, Ohio. Vehicle lift. 1,928,465; Sept. 26.
- Schultz, William J., Glassport, Pa., assignor to Firth-Sterling Steel Company. Molding appliance. 1,911,040; May 23.
- Schultz, William J., Glassport, Pa., assignor to Firth-Sterling Steel Company. Die structure. 1,922,110; Aug. 15.
- Schultz, William J., Glassport, Pa., assignor to Firth-Sterling Steel Company. Metal-working implement. 1,922,178; Aug. 15.
- Schulze, Floyd A., Chenoa, Ill. Rotary lawn rake. 1,911,535; May 30.
- Schulze, Hermann, Griesheim, Frankfort-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Revolving tube furnace. 1,904,548; Apr. 18.
- Schulze, Louis J., Chenoa, Ill. Power take-off device. 1,899,247; Feb. 28.
- Schulze, Rudolf. (See Grüss, H., Klinitz, Haase, Schulze, and Miething.)
- Schulze, Walter M., Gradbach, Germany. Traveling cleaning device for the stretching mechanism or delivery mechanism of spinning or twisting machines. 1,911,930; May 30.
- Schulze, Willi, Halle-on-the-Saale, Germany. Distillation process. 1,903,573; Apr. 11.
- Schulz, Arthur P. (See Teller, J., and Schulz.)
- Schulz, Arthur P., Chicago, Ill., assignor, by mesne assignments, to Teller Stove Designing Corporation. Enamel decorating process. 1,898,500; Feb. 21.
- Schulz, Carl F., Brooklyn, N. Y. Invisible suspender attachment. 1,919,045; July 18.
- Schulz, Hans. (See Morsbach, K., and Schulz.)
- Schulz, Hans, Charlottenburg, Berlin, assignor to Siemens and Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Magnetic material. 1,919,806; July 25.
- Schulz, Helmut, et al. (See Wendling, George M., assignor.)
- Schulz, Hermann. (See Walter, H., and Schulz.)
- Schulz, Otto C., Riverside, Ill. Carton folding device. 1,906,283; May 2.
- Schulz, Otto C., Riverside, Ill. Surgical plaster package. 1,924,810; Aug. 29.
- Schulz, Otto C., Riverside, Ill. Basket ball backstop. 1,924,811; Aug. 29.
- Schulz, Otto C., Riverside, Ill., assignor to The Bay Company, Bridgeport, Conn. Manufacture of surgical bandages. 1,909,016; May 16.
- Schulz, Richard, Reinfeld, Germany. Bandage for flex ble elastic walking with artificial limbs. 1,935,892; Nov. 21.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Plaster foundation. 1,915,336; June 27.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Plaster base. 1,930,984; Oct. 17.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Highway guard. 1,930,985; Oct. 17.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Concrete reinforcing and tying means. 1,939,417; Dec. 12.
- Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Metal pole structure. 1,936,272; Nov. 21.
- Schulze, A. E. (See Roberts, George H., assignor.)
- Schulze, Arno, Los Angeles, and W. Amann, Willowbrook, Calif. Combination billiard-table and bowling alley. 1,904,033; Apr. 18.
- Schulze, Ernst, Harburg-Wilhelmsburg, Germany. Mechanism for the continuous production of slabs of edible fats and the like. 1,938,048; Dec. 5.
- Schulze, John E., Chicago, Ill., assignor to Red River Refining Company, Inc., Shreveport, La. Apparatus for distilling oils. 1,934,150; Nov. 7.
- Schulze, Max, Berlin-Steglitz, Germany. Hæmacytometer. 1,918,351; July 18.
- Schulze, William H., assignor to Stewart-Warner Corporation, Chicago, Ill. Fuel pump. 1,899,295; Feb. 28.
- Schumacher, Conrad. (See Galsman, H. J., and Schumacher.)
- Schumacher, Conrad R., Lynbrook, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Metal sharpening machine. 1,902,527; Mar. 21.
- Schumacher, Earle E., Maplewood, N. J., and W. C. Ellis, Malverne, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Production of magnetic materials in powdered form. 1,915,386; June 27.
- Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Connecting means for ophthalmic mountings and the like. 1,893,964; Jan. 10.
- Schumacher, F. G., et al. (See Müller, Johann J., assignor.)
- Schumacher, Hans, Berlin-Lichterfelde-West, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Crystal controlled oscillator. 1,921,844; Aug. 8.
- Schumacher, Karl. (See Zimmermann, Max E., assignor.)
- Schumacher Wall Board Corporation. (See Brunner, Albert H., assignor.)
- Schumaker, Leo J., assignor to Dayton Scale Company, Dayton, Ohio. Thrust plate. 1,916,993; July 4.
- Schumann, Curt, R. Fick, and E. Oberreit, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of cyanides of calcium. 1,892,970; Jan. 3.
- Schumann, Curt, R. Fick, and E. Oberreit, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of compounds of calcium and magnesium cyanides. 1,909,903; May 16.
- Schumann, Curt, R. Fick, and E. Oberreit, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of compounds of calcium cyanide. 1,934,823; Nov. 14.
- Schumann, Joseph M., San Marino, Calif. Closure retainer. 1,934,334; Nov. 7.
- Schumann, Karl, Potsdam, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Cores for cables for communication circuits. 1,904,547; Apr. 18.
- Schumann, Theodor E. W., Elizabeth, N. J., assignor to Combustion Utilities Corporation, New York, N. Y. Carbonizing coal. 1,901,476; Mar. 14.
- Schumann, Walter, Gornitz, near Leisnig, Germany. Cultivator. 1,922,219; Aug. 15.
- Schumann, Walter A., assignor to The Bad-Cummins Mfg. Company, Louisville, Ky. Hood fastener. 1,910,640; May 23.
- Schunck, Walter. (See Gaus, W., Hochschwender, and Schunck.)
- Schunck, Walter. (See Pier, M., Wildhagen, and Schunck.)
- Schundler, Frederic E. (See Denning, Paul S., assignor.)
- Schundler, Hans O. (See Havill, Owen A., assignor.)
- Schupp, Arthur A., assignor to Fredericksen Company, Saginaw, Mich. Making hollow articles of cast metal. 1,934,239; Nov. 7.
- Schur, Charles B., Minneapolis, Kans. Hammer mill. 1,938,500; Dec. 5.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Deodorization of paper. 1,905,757; Apr. 25.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Production of nitrocellulose. 1,913,416; June 13.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Nitrocellulose manufacture. 1,914,302; June 13.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Directing and accumulating strand material. 1,915,451; June 27.
- Schur, Milton O., assignor to Brown Company, Berlin, N. H. Fibrous web for artificial leathers or the like. 1,924,573; Aug. 29.
- Schur, Milton O., and W. B. Meglitz, assignors to Brown Company, Berlin, N. H. Method of and machine for making pulp rovings. 1,910,407; May 23.
- Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Conditioning of cellulose fiber for nitration. 1,919,962; July 25.
- Schuricht, Alfons G., Alton, assignor to Western Cartridge Company, East Alton, Ill. Ammunition case. 1,907,218; May 2.
- Schuricht, Alfons G., Alton, assignor to Western Cartridge Company, East Alton, Ill. Plating shot. 1,916,492; July 4.
- Schurman, Adolph G., Baltimore, Md. Anti pilferage seal. 1,920,152; July 25.
- Schurman, Adolph G., Baltimore, Md. Capping machine. 1,930,625; Oct. 17.
- Schurman, John, Highland Park, Mich. Rail anchor. 1,925,573; Sept. 5.
- Schurman, John, Highland Park, Mich. Insert for concrete structures. 1,936,772; Nov. 28.
- Schürmann, Eugen, Dusseldorf, Germany. Reversing gear for washing machines and similar reversible machines. 1,927,851; Sept. 26.
- Schürmann, Friedrich. (See Einbeck, F., and Schürmann.)
- Schürmann, Friedrich, assignor to firm Aug. Klönne, Dortmund, Germany. Waterless gas holder. 1,925,408; Sept. 5.
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Chuck. 1,906,424; May 2.
- Schurtz, Ralph E., assignor, by mesne assignments, of one-half to R. W. Bailey and C. T. Jobs, Kansas City, Mo. Refrigerating system. 1,905,308; Apr. 25.
- Schüssler, Heribert. (See Ott, K., and Schüssler.)
- Schuster, Carl E., Corvallis, Oreg., assignor, by mesne assignments, to The People of the United States of America. Strawberry. Pl. Pt. 60; Apr. 18.
- Schuster, Curt. (See Ulrich, H., and Schuster.)
- Schuster, Fritz, Chemnitz, Germany. Apparatus for treating textile materials. 1,927,955; Sept. 26.
- Schuster, Ralph F., Albuquerque, N. Mex. Interference diverter. 1,925,938; Sept. 5.
- Schutle, Louis, Brackenridge, Pa., assignor to Allegheny Steel Company. Mounting for hand grinding devices. 1,917,906; July 11.
- Schutmaat, George W., assignor to Hamilton Manufacturing Company, Hamilton, Mich. Transplanter. 1,924,133; Aug. 29.

- Schutmaat, George W., assignor to Hamilton Manufacturing Company, Hamilton, Ohio. Transplanter. 1,928,362; Sept. 26.
- Schutt, Theodore H., assignor to The Russ Manufacturing Company, Cleveland, Ohio. Dispensing pump. 1,919,173; July 18.
- Schutt, William A., Litchfield, Ill. Highway sign. 1,902,189; Mar. 21.
- Schutte and Koerting Company. (See Lindemann, Otto A., assignor.)
- Schutte and Koerting Company. (See Muhleisen, Karl, assignor.)
- Schutte & Koerting Company. (See Teller, Martin P., assignor.)
- Schutte and Koerting Company. (See von Brockdorff, Rudolf, assignor.)
- Schütz, Carl. (See Zerweck, W., Schuätz, Carl, and Rosenbach.)
- Schutz, Harold R., and H. E. Robinson, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting mechanism for sheet material. 1,922,641; Aug. 15.
- Schutz, Henri, Paris, France. Frame provided with casel-stand. 1,904,088; Apr. 18.
- Schütz, Ludwig. (See Berendes, R., and Schütz.)
- Schutzniedrig, Ewald, assignor to Victor Koch, Detroit, Mich. Diesel engine. 1,900,587; Mar. 7.
- Schuyler, Karl C. (See Warren, James A., assignor.)
- Schuykill Hosiery Mills. (See Robinson, Frank W., assignor.)
- Schwab, James W., and C. E. Butterworth, Gulf, Tex., assignors, by mesne assignments, to The Koppers Company of Delaware. Purification of water. 1,908,545; May 9.
- Schwab, Peter W., assignor to Peoria Drill & Seeder Co., Peoria, Ill. Lister disk furrow opener. 1,940,273; Dec. 19.
- Schwab, Robert W., assignor to Southern Spring Bed Company, Atlanta, Ga. Display stand. Des. 89,214; Feb. 7.
- Schwab, William, Brooklyn, N. Y. Vise. 1,912,313; May 30.
- Schwabacher, Gerhard P., Bridgeport, Conn., assignor to General Electric Company. Outlet box. 1,920,811; Aug. 1.
- Schwalbe, Franz G., Toledo, Ohio. Glass treatment. 1,899,640; Feb. 28.
- Schwalbe, Hellmuth C., assignor to Dill & Collins Co., Philadelphia, Pa. Treating cellulose fiber pulp. 1,899,989; Mar. 7.
- Schwalbe, Waldemar. (See Schnecko, O., and Schwalbe.)
- Schwalbe, Waldemar, and O. Herrmann, Wiesbaden, Germany, assignors to Du Pont Cellophane Company, Inc., New York, N. Y. Method of and apparatus for coating. 1,930,666; Oct. 17.
- Schwalbe, Waldemar, E. Fuchs, and O. Schnecko, Wiesbaden, Germany, assignors to Du Pont Cellophane Company Inc. Tracing material. 1,934,824; Nov. 14.
- Schwamberger, Emil. (See Roos, H., and E. Schwamberger.)
- Schwammberger, Hans. (See Steinbuch, E., Eschmann, and Schwammberger.)
- Schwanbeck, Fred C., Atwood, Colo. Beet blocking machine. 1,910,776; May 23.
- Schwander, Max, assignor to Fabrik Electrothermischer Apparate A. G. Luzern, Lucerne, Switzerland. Electric cooking. 1,903,883; Apr. 18.
- Schwannhauser, Walter E., Maplewood, N. J. Display device. 1,923,398; Aug. 22.
- Schwantes, Everett J., Chicago, Ill. Protecting inscriptions. 1,901,989; Mar. 21.
- Schwarber, Henry Weehawken, N. J. Embroidered lace edging. Des. 89,087; June 6.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. Des. 89,088; June 6.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. Des. 89,089; June 6.
- Schwarber, Henry, Weehawken, N. J. Embroidered lace edging. Des. 89,090; June 6.
- Schwartz, Abraham G., and H. A., Long Branch, N. J. Trap. 1,899,641; Feb. 28.
- Schwartz, Arthur H., Los Angeles, Calif. Container and closure means therefor. 1,892,788; Jan. 3.
- Schwartz, Charles J. (See Prescott, Nicholas, sr., assignor.)
- Schwartz, Emil W., Bridgeport, Conn., assignor to General Electric Company. Manufacture of electrical insulation. 1,905,768; Apr. 25.
- Schwartz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,413; Mar. 7.
- Schwartz, Francis H., assignor to J. Soss, Roselle, N. J. Concealed hinge. 1,925,209; Sept. 5.
- Schwartz, Frank. (See Palluch, Ferencz, assignor.)
- Schwartz, Frank G., South Milwaukee, and R. A. Nourse, Milwaukee, assignors to The Midland Company, South Milwaukee, Wis. Door hanger lock and release. 1,940,971; Dec. 26.
- Schwartz, Frank M., New York, N. Y. Doll. 1,916,811; July 4.
- Schwartz, Fred, assignor to Fort Howard Paper Company, Green Bay, Wis. Paper slitting apparatus. 1,939,925; Dec. 19.
- Schwartz, George L. (See Lewers, William W., and Schwartz.)
- Schwartz, George L. (See McCormick, F. H., and Schwartz.)
- Schwartz, Harry A. (See Ewing, S. W., and Schwartz.)
- Schwartz, Harry A. (See Spence, H. L., and Schwartz.)
- Schwartz, Harvey A. (See Schwartz, Abraham G. and H. A.)
- Schwartz, Hyman, New York, N. Y. Game board. Des. 90,553; Aug. 22.
- Schwartz, Isaac L. (See Baner, Walter D., assignor.)
- Schwartz, John K. (See Hilderbrandt, L. H., and Schwartz.)
- Schwartz, John L., assignor to Philadelphia Thermometer Co., Philadelphia, Pa. Hygrometer. 1,933,283; Oct. 31.
- Schwartz, Joseph, assignor to Westcott & Thomson, Philadelphia, Pa. Trimmer. 1,918,858; June 13.
- Schwartz Laboratories, Inc. (See Harris, Clarence P., assignor.)
- Schwartz, Louis, Chicago, Ill. Electrical announcing system for apartments. 1,935,191; Nov. 14.
- Schwartz Manufacturing Company. (See Schwartz, M. E., and Sharin, assignors.)
- Schwartz, Max, and W. W. Norton, San Francisco, Calif. Flue connection for gas heaters. 1,932,711; Oct. 31.
- Schwartz, Mendel, Brooklyn, and A. Shapiro, New York, N. Y. Garment bottom cutter. 1,939,833; Dec. 19.
- Schwartz, Meyer D., and B. Kaplan, West Haven, Conn. Holder for neckties, etc. 1,913,215; June 6.
- Schwartz, Myron E., Two Rivers, and J. M. Shafrin, Milwaukee, assignors to Schwartz Manufacturing Company, Two Rivers, Wis. Container for multiple sheets. 1,916,119; June 27.
- Schwartz, Myron E., Two Rivers, and S. Schwartz, Manitowoc, Wis. Cheese bandage. 1,937,986; Dec. 5.
- Schwartz, Nathan, New York, N. Y. Blade sharpener. 1,916,019; June 27.
- Schwartz, Roy H., Cleveland, Ohio. Automobile mat. Des. 90,510; Aug. 15.
- Schwartz, Rudolph L., and W. P. Martin, assignors to Martin & Schwartz, Inc., Buffalo, N. Y. Price sign. 1,930,445; Oct. 10.
- Schwartz, Samuel A., St. Paul, Minn. Towel service apparatus. 1,902,658; Mar. 21.
- Schwartz, Samuel A., St. Paul, Minn. Towel cabinet. 1,936,690; Nov. 28.
- Schwartz, Simon. (See Schwartz, Myron E. and S.)
- Schwartz, Stephen, Calumet City, assignor to Jenkins Petroleum Process Company, Chicago, Ill. Producing motor fuel. 1,896,723; Feb. 7.
- Schwartz, Willard A., Los Angeles, Calif. Paper grasp for paper cutting and folding machines. 1,906,638; May 2.
- Schwartzberg, Louis, Chicago, Ill. Cell structure and inclosing element. 1,910,408; May 23.
- Schwartzberg, Louis, Chicago, Ill. Combined cell structure and inclosing element. 1,910,409; May 23.
- Schwartzkopf, Walter G., St. Louis, Mo. Blast nozzle. 1,940,972; Dec. 26.
- Schwartzman, Solomon, Brooklyn, N. Y. Power circuit control means for vertical printing presses. 1,897,592; Feb. 14.
- Schwarz, Elmer E. (See Carr, C. E., and Schwarz.)
- Schwarz, Emil P., St. Paul, Minn., assignor to Seeger Refrigerator Company. Door construction. 1,892,708; Jan. 3.
- Schwarz, Ernest I., Bronx, N. Y. Terminal for wire cables. 1,941,113; Dec. 26.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,310; Feb. 21.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,311; Feb. 21.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,312; Feb. 21.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,313; Feb. 21.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,314; Feb. 21.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,414; Mar. 7.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,415; Mar. 7.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,416; Mar. 7.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 89,655; Apr. 18.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,381; July 25.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,382; July 25.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,383; July 25.

- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,554; Aug. 22.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,555; Aug. 22.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,595; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,596; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,597; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,598; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,599; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,600; Aug. 29.
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp shade. Des. 90,781; Sept. 26.
- Schwarz, Robert G., New Orleans, La., and A. H. Vorbusch, Pass Christian, Miss. Waste pipe plug. 1,931,086; Oct. 17.
- Schwarz, Robert G., New Orleans, La., and A. H. Vorbusch, Pass Christian, Miss. Saltcellar. 1,931,087; Oct. 17.
- Schwarz, Robert G., New Orleans, La., and A. H. Vorbusch, Pass Christian, Miss. Condiment holder. 1,931,088; Oct. 17.
- Schwarz, Robert G., New Orleans, La., and A. H. Vorbusch, Pass Christian, Miss. Saltcellar. 1,931,089; Oct. 17.
- Schwarz, Robert G., New Orleans, La., and A. H. Vorbusch, Pass Christian, Miss. Condiment holder. 1,931,090; Oct. 17.
- Schwarze Electric Company. (See Middleton, Leslie H., assignor.)
- Schwarze, Herman. (See Michel, C. A., and Schwarze.)
- Schwarze, Herman. (See Warren, E. F., and Schwarze.)
- Schwarze, Herman, Birmingham, Mich. Vehicle lighting arrangement. 1,909,077; May 16.
- Schwarze, Herman, Pontiac, assignor to General Motors Corporation, Detroit, Mich. Signal suppressor for automotive radioreceivers. 1,931,625; Oct. 24.
- Schwarze, Herman, Pontiac, Mich., and L. M. Perkins, assignors to Delco-Remy Corporation, Anderson, Ind. Remote control. 1,931,624; Oct. 24.
- Schwarzenbach, Huber Company, The. (See Coradi, Alfred L., assignor.)
- Schwarzenbach Huber Co. (See Neger, Hans J., assignor.)
- Schwarzenbach Huber Company, The. (See Schweitzer, Pack, assignor.)
- Schwarzhaupt, Paul J. (See Raynolds, D. W., and Schwarzhaupt.)
- Schwarzkopf, Arthur R., assignor to Theo. A. Kochs Company, Chicago, Ill. Barber's pole. 1,894,640; Jan. 17.
- Schwarzkopf, Frank E. (See Martin, Joseph R., assignor.)
- Schwarzkopf, Otto, Linz, Austria. After treatment of artificial silk. 1,906,015; Apr. 25.
- Schwarzkopf, Paul, and I. Hirschl, Reutte, Tyrol, Austria; said Hirschl assignor to said Schwarzkopf. Production of hard metal alloys, especially for tools. 1,925,910; Sept. 5.
- Schwarzmann, Wolfgang E. (See Beeh, L., and Schwarzmann.)
- Schwarzmann, Wolfgang E., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Ignition coil and controlling device therefor. 1,916,694; July 4.
- Schwarzmann, Wolfgang E., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Timer for airplane engines. 1,917,907; July 11.
- Schwedersky, George H., Providence, R. I. Cooking utensil. 1,907,265; May 2.
- Schwegler, Clarence C. (See Strosacker, C. J., and Schwegler.)
- Schwegler, Clarence C., assignor to The Dow Chemical Company, Midland, Mich. Electric furnace. 1,902,668; Mar. 21.
- Schwegler, Siegfried J., Buffalo, N. Y. Radiotimer. 1,937,391; Nov. 28.
- Schwegler, Siegfried J., Buffalo, N. Y. Prepayment meter. 1,941,191; Dec. 26.
- Schweickardt, Berthold, Stuttgart, Germany. Apparatus for feeding blanks from a hopper. 1,940,188; Dec. 19.
- Schweickart, William M., Ramsey, N. J., assignor, by mesne assignments, to Henry M. Brooks, New York, N. Y., W. T. Gardiner, Augusta, Me., and R. K. Hawes, Fall River, Mass., trustees. Controllers for conveyers of granular materials. 1,912,335; May 30.
- Schweig, Julius A., St. Louis, Mo. Dumbwaiter door unit. 1,913,725; June 13.
- Schweisthal, Fred G., assignor to Stewart-Warner Corporation, Chicago, Ill. Engine-operated pump. 1,903,481; Apr. 11.
- Schweisthal, Fred G., assignor to Stewart-Warner Corporation, Chicago, Ill. Mechanical fuel pump. 1,905,246; Apr. 25.
- Schweisthal, Fred G., assignor to Stewart-Warner Corporation, Chicago, Ill. Mechanical fuel pump. 1,912,659; June 6.
- Schweisthal, Fred G., assignor to Stewart-Warner Corporation, Chicago, Ill. Centrifugal tachometer. 1,929,537; Oct. 10.
- Schweisthal, Fred G., assignor to Stewart-Warner Corporation, Chicago, Ill. Magnetic compass. 1,930,775; Oct. 17.
- Schweiter, Hans, Horgen near Zurich, Switzerland. Braiding machine for covering wires. 1,913,292; June 6.
- Schweiter, Hans, Horgen near Zurich, Switzerland. Apparatus for winding spools and cops. 1,935,524; Nov. 14.
- Schweiter, Walter, Horgen near Zurich, Switzerland. Warping frame. 1,894,712; Jan. 17.
- Schweiter, Walter, Horgen near Zurich, Switzerland. Friction gearing. 1,906,772; May 2.
- Schweiter, Walter, Horgen near Zurich, Switzerland. Cop winding frame. 1,920,111; July 25.
- Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)
- Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
- Schweitzer & Conrad, Inc. (See Ringwald, Clarence, assignor.)
- Schweitzer, Edmund O. (See Herz, Alfred, assignor.)
- Schweitzer, Edmund O., Northbrook, Ill. Electric cut-out. 1,895,491; Jan. 31.
- Schweitzer, Edmund O., Chicago, Ill. Electric oil cut-out. 1,921,005; Aug. 8.
- Schweitzer, Edmund O., Chicago, Ill. Electric cut-out. 1,921,006; Aug. 8.
- Schweitzer, Eugen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Process and apparatus for testing evacuated ampoules. 1,917,465; July 11.
- Schweitzer, Heinrich, New York, N. Y. Wax dental form and making same. 1,896,123; Feb. 7.
- Schweitzer, Hugo. (See Hulsman, J., and Schweitzer.)
- Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 1,903,599; Apr. 11.
- Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 1,903,600; Apr. 11.
- Schweitzer, Hugo, W. Hentrich, and K. Burr, Wiesdorf-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aromatic amino sulphochlorides. 1,911,719; May 30.
- Schweitzer, Hugo, and K. Burr, Wiesdorf, near Cologne-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Aromatic amino-sulpho chlorides, substituted in the amino-group. 1,939,025; Dec. 12.
- Schweitzer, Louis P., and S. M. Bagno, assignors to Peter J. Schweitzer, Inc., New York, N. Y. Measuring web characteristics. 1,898,066; Feb. 21.
- Schweitzer, Louis P., New York, N. Y., and W. P. Schweitzer, Hillside, N. Y. Cigarette and cigarette paper manufacture. 1,909,924; May 16.
- Schweitzer, Otto, Bortmund, Germany. Regenerative reverberatory furnace. 1,892,971; Jan. 3.
- Schweitzer, Peter J., Inc. (See Schweitzer, L. P., and Bagno, assignors.)
- Schweitzer, William K., East Cleveland, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Curing concrete. 1,899,590; Feb. 28.
- Schweitzer, William P. (See Schweitzer, Louis P. and W. P.)
- Schweiz Lokomotiv- & Maschinenfabrik. (See Dürig, Alfred, assignor.)
- Schweizer, Ernst, Zurich, Switzerland. Automatic bobbin-winding machine in combination with spinning frames. 1,898,501; Feb. 21.
- Schweizer, Ernst, Zurich, Switzerland. Doubling machine and twining spindles in combination with bobbin-winders and stop motion devices for same. 1,899,730; Feb. 28.
- Schweizer, Franz, Hof, assignor to Karl Hintsches, Oberkotzau, Germany. Device for preventing carburetor fires. 1,896,019; Jan. 31.
- Schweizer, Jack, Rye, N. Y. Textile fabric or the like. Des. 88,933; Jan. 3.
- Schweizer, Jack, Rye, N. Y. Textile fabric or the like. Des. 88,988; Jan. 10.
- Schweizer, Jack, Rye, N. Y. Textile fabric or the like. Des. 89,267; Feb. 14.
- Schweizer, Jack, Rye, N. Y. Textile fabric or the like. Des. 89,381; Feb. 28.
- Schweizer, Jack, Rye, N. Y. Textile fabric or the like. Des. 89,454; Mar. 14.
- Schweizer, Jack, Rye, assignor to The Schwarzenbach Huber Company, New York, N. Y. Textile fabric or the like. Des. 89,059; Jan. 17.
- Schweizer, Jack, Rye, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,794; May 2.
- Schweizer, Jack, Rye, assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,795; May 2.

- Schweizer, Jack, Rye, N. Y., assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,796; May 2.
- Schweizer, Jack, Rye, N. Y., assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 89,797; May 2.
- Schweizer, Jack, Rye, N. Y., assignor to L. & E. Stirn, Inc., New York, N. Y. Textile fabric or similar article. Des. 90,007; May 23.
- Schweizer, Jack, New York, N. Y. Combined radiator and headlights or the like article. Des. 89,287; Feb. 14.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,989; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,990; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,991; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,992; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,993; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,994; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,027; Jan. 10.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,140; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,143; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,144; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,155; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,156; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,157; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,158; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,159; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,160; Jan. 31.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,215; Feb. 7.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,216; Feb. 7.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,248; Feb. 7.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,266; Feb. 14.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,513; Mar. 21.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,553; Mar. 28.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,595; Apr. 11.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,263; July 4.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,298; July 11.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,344; July 18.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,384; July 25.
- Schweizer, Jack, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,385; July 25.
- Schweizer, Karl. (See Allendorf, F., and Schweizer.)
- Schweizer, Karl. (See Rehm, A., and Schweizer.)
- Schweizerische Kaseunion (S. K.) (See Moeschlin, Fritz, assignor.)
- Schweizerische Lokomotiv und Maschinenfabrik. (See Heusser, Hermann, assignor.)
- Schweizerische Lokomotiv- und Maschinenfabrik. (See Nyffenegger, Hans, assignor.)
- Schweizerische Lokomotiv- und Maschinenfabrik. (See Vonrüttl, Hans, assignor.)
- Schwemlein, William, assignor to The Parkersburg Rig and Reel Company, Parkersburg, W. Va. Tank deck. 1,907,268; May 2.
- Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Crown block assembly. 1,930,626; Oct. 17.
- Schwemler, Frank J. (See Mosel, J. H., and Schwemler.)
- Schwendner, Anthony F., Essington, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust bearing adjusting mechanism. 1,926,562; Sept. 12.
- Schwenk, Erwin. (See Schoeller, W., Schwenk, and Borgwardt.)
- Schwenk, Erwin. (See Schoeller, W., Schwenk, and Gehrke.)
- Schwenk, Erwin. (See Schoeller, W., Schwenk, Goebel, and Michael.)
- Schwenk, Erwin, Berlin-Westend, and E. Borgwardt, Berlin-Pankow, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of camphene. 1,908,064; May 9.
- Schwenk, Erwin, M. Gehrke, and F. Aichner, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of acrolein. 1,916,743; July 4.
- Schwenk, Ladislav W., Flushing, N. Y. Portable stand and filter for barrels and the like. 1,901,878; Mar. 21.
- Schwenk Safety Device Corporation. (See Pine, Melvin, assignor.)
- Schwentker, Fred F., Philadelphia, Pa., assignor to General Electric Company. Storage tank and mixing machine. 1,933,346; Oct. 31.
- Schwentler, Francis E., assignor to The American Brake Company, St. Louis, Mo. Truck brake rigging. 1,914,619; June 20.
- Schwentler, Francis E., assignor to The American Brake Company, St. Louis, Mo. Truck brake rigging. 1,914,620; June 20.
- Schwentler, Francis E., assignor to The American Brake Company, St. Louis, Mo. Truck brake rigging. 1,939,926; Dec. 19.
- Schwepecke, Arthur, Neuruppin, Germany, assignor to Pyrene-Minimax Corporation. Automatic control for fire extinguishing apparatus. 1,911,166; May 23.
- Schwer, Chauncey H., Detroit, Mich. Golf bag. 1,926,184; Sept. 12.
- Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Centrifugal brake. 1,904,089; Apr. 18.
- Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Lifting jack. 1,918,934; July 18.
- Schwerin, Frank H., Bellevue Borough, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Lifting jack. 1,925,821; Sept. 5.
- Schweyer, Daniel H., Easton, Pa. Automatic train control. 1,899,642; Feb. 28.
- Schweyer, Daniel H., Easton, Pa. Automatic train control. 1,904,804; Apr. 18.
- Schwieger, Albert. (See Bollman, H., and Schweizer.)
- Schwingel, Albert E., et al. (See Ellington, Cornwallis D., assignor.)
- Schwinger, Heinrich, Fellbach, assignor to Firm of Fr. Hesser, Maschinenfabrik Aktiengesellschaft, Stuttgart-Cannstatt, Germany. Labeling machine. 1,934,825; Nov. 14.
- Schwitzer-Cummins Company. (See Schwitzer, Louis, assignor.)
- Schwitzer-Cummins Company. (See Schwitzer, L., and Winkler, assignors.)
- Schwitzer, Louis, assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Fan construction. 1,935,921; Nov. 21.
- Schwitzer, Louis, and C. J. Winkler, assignors to Schwitzer-Cummins Company, Indianapolis, Ind. Shaft seal. 1,897,280; Feb. 14.
- Schwitzer, Louis, and C. J. Winkler, assignors to Schwitzer-Cummins Company, Indianapolis, Ind. Packing for rotating shafts. 1,914,759; June 20.
- Scientific Brake Service Laboratories, Inc. (See Fisher, Fred D., assignor.)
- Scintilla Aktiengesellschaft. (See Bohl, Jakob, assignor.)
- Scintilla Aktiengesellschaft. (See Steiner, Gottlieb, assignor.)
- Scintilla Magneto Company. (See Egli, Albert, assignor.)
- Sciullo, Michael A., Vineland, N. J. Thread saver for sewing machines. 1,913,903; June 13.
- Skowska, Henry G., Blue Mound, Ill. Ridge cutter for disk harrows. 1,894,474; Jan. 17.
- Scofield, Edgar, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Combined forming and finishing mechanism. 1,923,752; Aug. 22.
- Scofield, Edgar, New York, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Article distributing device. 1,923,753; Aug. 22.
- Scofield, Edward H., Minneapolis, Minn. Driving electric railway cars. 1,907,126; May 2.
- Scofield & James. (See Kelly, Anna B. J., assignor.)
- Scofield, Philip F. (See Heintz, R. M., and Scofield.)
- Scofield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Portable current supply. 1,924,462; Aug. 29.

- Scotfield, Theodore J., Jackson, Mich., assignor to The Sparks-Withington Company. Tuning element. 1,897,337; Feb. 14.
- Scotfield, Theodore J., Jackson, Mich., assignor to The Sparks-Withington Co. Bracket for automotive radio sets. 1,897,400; Feb. 14.
- Scotfield, Theodore J., Jackson, Mich., assignor to The Sparks-Withington Co. Loud speaker system. 1,915,954; June 27.
- Scotfield, Thomas E. (See Oberle, Alfred, assignor.)
- Scognamiglio, Ernest, Bronx, N. Y. Bookmark. 1,937,442; Nov. 28.
- Scognamiglio, Salvatore, and David Schlaifer, Bronx, N. Y. Oil burner. 1,904,549; Apr. 18.
- Scotland, Bayard S., Joliet, Ill. Macaroni and making the same. 1,916,812; July 4.
- Scott, Albert B., assignor of one-third to J. R. Cole and one-third to H. King, Los Angeles, Calif. Projecting apparatus. 1,940,148; Dec. 19.
- Scott, Allison F. H., Pleasantville, N. Y. Burial vault. Des. 90,264; July 4.
- Scott, Allison F. H., Detroit, Mich., assignor to Woodall Industries Incorporated. Casket. 1,903,197; Mar. 28.
- Scott, Allison F. H., Detroit, Mich., assignor to Woodall Industries Incorporated. Casket. 1,903,198; Mar. 28.
- Scott, Arthur W. (See Powell, A. R., Davies, and Scott.)
- Scott, Arthur W. (See Powell, A. R., and Scott.)
- Scott, Bernard H., Glendale, Calif. Liquid counter-balanced pumping system. 1,900,588; Mar. 7.
- Scott, Charles E., Philadelphia, Pa. Geometric golf practice game. 1,939,230; Dec. 12.
- Scott, Chastain F., Oklahoma City, Okla. Concrete culvert form. 1,926,633; Sept. 12.
- Scott, Chester A., assignor to Deister Concentrator Company, Fort Wayne, Ind. Screen for granular materials. 1,896,595; Feb. 7.
- Scott, Chester F., Manayunk, Pa. Mouse trap. 1,930,886; Oct. 17.
- Scott, David C., assignor to Henry L. Scott Company, Providence, R. I. Fatigue testing machine. 1,906,340; May 2.
- Scott, Donald M. (See Hardy, C., and Scott.)
- Scott, Donald M., assignor to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Apparatus for reducing chrome ores. 1,896,789; Feb. 7.
- Scott, Donald M., assignor to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Production of alloys. 1,904,761; Apr. 18.
- Scott, Donald M., assignor to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Reducing oxide ores. 1,932,831; Oct. 31.
- Scott, E. H. (See Haggstrom, Arthur C., assignor.)
- Scott, Elisha H., assignor to W. N. Johnson Automobile Sheet Metal Works, Richmond, Ind. Grave vault. Des. 90,820; Oct. 3.
- Scott, Elmo C., St. Louis, Mo. Battery holder. 1,911,401; May 30.
- Scott, Ephraim J., Somerville, assignor to Barbour Stockwell Company, Cambridge, Mass. Coupling device. 1,914,928; June 20.
- Scott, Ernest E., assignor to The Dangerlite Corporation of America, Denver, Colo. Reflector. 1,900,202; Mar. 7.
- Scott and Fetzner Company, The. (See Pardee, Lloyd W., assignor.)
- Scott, Floyd L. (See Fletcher, H. W., and Scott.)
- Scott, Floyd L., Houston, Tex. Cutter for well drills. 1,896,251; Feb. 7.
- Scott, Floyd L., Houston, Tex. Retaining means for shafts and the like. 1,922,400; Aug. 15.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Lubricator coupling. 1,896,250; Feb. 7.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Rolling drill cutter. 1,905,066; Apr. 25.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Lubricator for earth boring drills. 1,909,078; May 16.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Disk bit. 1,909,129; May 16.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Combination scraping and rolling cutter drill. 1,932,487; Oct. 31.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Mounting reamer blades. 1,932,488; Oct. 31.
- Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Rock bit cutter. 1,932,489; Oct. 31.
- Scott, Floyd L. and L. E. Garfield, assignors to Hughes Tool Company, Houston, Tex. Roller cutter and lubricator therefor. 1,909,128; May 16.
- Scott, George, London, England, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Electric switch. 1,904,935; Apr. 18.
- Scott, George S., Modesto, Calif. Lever operating reel. 1,906,425; May 2.
- Scott, George T., Los Angeles, Calif. Cash drawer alarm device. 1,903,535; Apr. 11.
- Scott, George T., Montclair, N. J., assignor to Fred Hotchner, Los Angeles, Calif. Sign. 1,918,615; July 18.
- Scott, Harry E., Cleveland Heights, assignor to The Thew Shovel Company, Lorain, Ohio. Gear lock for combined turntables and tractors. 1,917,160; July 4.
- Scott, Henarie L., San Antonio, Tex. Inclined floor garage. 1,906,773; May 2.
- Scott, Henarie L., San Antonio, Tex. Garage construction. 1,936,212; Nov. 21.
- Scott, Henry L., Company. (See Scott, David C., assignor.)
- Scott, Henry L., Company. (See Valentine, Frank A., assignor.)
- Scott, Henry M., Washington, D. C. Electrical conductor cable. 1,928,188; Sept. 26.
- Scott, Henry P. G., Company, The. (See Bond, Samuel C., assignor.)
- Scott, Herbert G., Whitestone Landing, N. Y., assignor to The Egly Register Company, Dayton, Ohio. Carbon sheet. 1,931,168; Oct. 17.
- Scott, Howard, assignor to Westinghouse Electric & Manufacturing Company, Wilkesburg, Pa. Oxidation resistant bimetal. 1,929,655; Oct. 10.
- Scott, Howard, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bimetal thermostat. 1,902,589; Mar. 21.
- Scott, Howard, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Welding electrode. 1,905,247; Apr. 25.
- Scott, Howard, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bimetal thermostat. 1,939,085; Dec. 12.
- Scott, Howard B., and C. C. Conley, assignors to The National Cash Register Company, Dayton, Ohio. Reproducing the surface of plates. 1,930,826; Oct. 17.
- Scott, Howard B., and R. E. McCoy, assignors to The National Cash Register Company, Dayton, Ohio. Quenching machine. 1,904,936; Apr. 18.
- Scott, Howard B., and E. Warner, assignors to The National Cash Register Company, Dayton, Ohio. Engraving machine. 1,924,293; Aug. 29.
- Scott, Isabel H., Syracuse, N. Y. Window washing device. 1,913,248; June 6.
- Scott, James K., East Orange, N. J., assignor to The Suppreheater Company, New York, N. Y. Making pipe joints. 1,935,063; Nov. 14.
- Scott, James W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 1,921,397; Aug. 8.
- Scott, John A., St. Louis, Mo. Machine for applying reinforcing canvas to insoles. 1,926,734; Sept. 12.
- Scott, John E., assignor to Allith-Prouty Company, Danville, Ill. Overhead door and construction of the same. 1,925,574; Sept. 5.
- Scott, Lewis L., St. Louis, Mo. Filtering apparatus. 1,938,934; Dec. 12.
- Scott, Norman D., Metuchen, and P. E. Weston, Seward, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Hydrogenation. 1,914,870; June 20.
- Scott Paper Company. (See Clemence, Norman, assignor.)
- Scott Paper Company. (See Eriksen, Fred, assignor.)
- Scott Paper Company. (See Mulligan, Patrick J., assignor.)
- Scott Paper Company. (See Parsons, Philip D., assignor.)
- Scott, Paul J., et al. (See Baker, Albert E., assignor.)
- Scott, Ray W., assignor to Twining-Scott, Inc., Ltd., Los Angeles, Calif. Multiple fuse plug. 1,909,904; May 16.
- Scott, Reid B. (See Carley, L. R., Scott, and Allen.)
- Scott, Richard W., Beckenham, assignor to S. Gulterman and Company, Ltd., London, England. Toy firearm. 1,910,064; May 23.
- Scott, Robert F., Charleston, W. Va. Steering mechanism for tractors having endless tread members. 1,905,952; Apr. 25.
- Scott-Ross and Company. (See Yungling, Paul F., assignor.)
- Scott, Rossiter S., New York, N. Y. Garter pendant. 1,918,494; July 18.
- Scott, Thomas J., Foley, Ala., assignor to Swann Research, Inc. Process and apparatus for the production of diphenyl. 1,894,283; Jan. 17.
- Scott, Thomas T., Fairmount, assignor to Sheffield Steel Corporation, Kansas City, Mo. Furnace. 1,917,068; July 4.
- Scott, Thomas R., and J. K. Webb, Aldwyck, London, England, assignors to International Standard Electric Corporation, New York, N. Y. High tension cable terminal and joint. 1,955,820; Nov. 21.
- Scott, Victor L., Ottumwa, Iowa. Drill mounting. 1,917,069; July 4.
- Scott, Victor L., Ottumwa, Iowa. Drilling machine. 1,922,401; Aug. 15.
- Scott, Victor L., Ottumwa, Iowa. Drill supporting column. 1,930,598; Oct. 17.
- Scott, Victor L., Ottumwa, Iowa, and N. W. Marsch, Troy, S. Dak. Renewable threaded liner for coal drill boxings. 1,900,740; Mar. 7.
- Scott, Walter C., Plainfield, N. J. Supplying webs. 1,908,490; May 9.
- Scott, Walter J., Woonsocket, R. I. Stop motion for gill boxes. 1,900,400; Mar. 7.
- Scott, Walter J., Woonsocket, R. I. Clutch control for twisting frames. 1,911,000; May 23.
- Scott, Walter J., Woonsocket, R. I. Stop motion for roving and spinning machines. 1,920,767; Aug. 1.
- Scott, Walter J., Woonsocket, R. I. Stop motion. 1,937,207; Nov. 28.
- Scott, Walter J., Woonsocket, R. I. Stop motion for gill boxes. 1,937,208; Nov. 28.
- Scott, Walter T., Wrenshall, Minn., assignor to Donaldson Co. Inc. Automobile heater. 1,907,883; May 9.

- Scott, William, Medford, assignor to Self Feeding Carburetor Company, Inc., Boston, Mass. Carburetor. 1,934,240; Nov. 7.
- Scott, William A., Lodi, Calif. Motor vehicle bed attachment. 1,917,777; July 11.
- Scott, William A., Pittsburgh, Pa., assignor, by mesne assignments, to The American Hardware Corporation, New Britain, Conn. Lock and latch unit. 1,928,466; Sept. 26.
- Scott, William L., Pittsburgh, Pa. Cigar or cigarette ash tray. 1,937,534; Dec. 5.
- Scott, William M., Tredyffrin Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Electrical switching apparatus. 1,914,582; June 20.
- Scott, William M., Tredyffrin Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Switch apparatus. 1,915,621; June 27.
- Scott, William M., Tredyffrin Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Automatic circuit breaker system. 1,933,767; Nov. 7.
- Scott & Williams, Incorporated. (See Allen, John M., assignor.)
- Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
- Scott & Williams, Incorporated. (See Holt, Laurence B., assignor.)
- Scott & Williams Incorporated. (See Nobst, G., and Ullbright, assignors.)
- Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
- Scott & Williams, Incorporated. (See Page, Albert E. and F. R., assignors.)
- Scott & Williams, Incorporated. (See Page, A. E., and Swinglehurst, jr., assignors.)
- Scott and Williams, Incorporated. (See Sheppard, Harry N., assignor.)
- Scott & Williams, Incorporated. (See Swinglehurst, Harry, assignor.)
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Rubber vulcanization process. 1,893,846; Jan. 10.
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Age resisting vulcanized rubber product. 1,899,426; Feb. 28.
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Age resisting rubber compound and making same. 1,902,379; Mar. 21.
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Vulcanization of rubber. 1,908,065; May 9.
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Vulcanization of rubber. 1,924,574; Aug. 29.
- Scott, Winfield, Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Substituted guanidine salts of fatty acids and producing same. 1,931,895; Oct. 17.
- Scott, Winfield, assignor to The Rubber Service Laboratories Company, Akron, Ohio. Manufacture of age-resistant vulcanized rubber compound. 1,911,092; May 23.
- Scott, Winfield, assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 1,931,394; Oct. 17.
- Scotti, Alfredo, G. B. Anelotti and B. G. Campi, Brescia, Italy. Direct interlocking device for the breech block and the firing pin of automatic firearms. 1,925,776; Sept. 5.
- Scottish Dyes, Limited. (See Anderson, I. B., Thomson, and Thomas, assignors.)
- Scottish Dyes, Limited. (See Barnes, R. S., Harris, and Thomas, assignors.)
- Scottish Dyes, Limited. (See Barnes, R. S., Harris, Wylam, and Thomas, assignors.)
- Scottish Dyes Limited. (See Fairweather, D. A. W., and Thomas, assignors.)
- Scottish Dyes, Limited. (See Harris, John E. G., assignor.)
- Scottish Dyes Limited. (See Loveluck, R. J., and Thomas, assignors.)
- Scottish Dyes, Limited. (See Morton, J., Jones, Wylam, and Harris, assignors.)
- Scottish Dyes Limited. (See Shaw, C., and Thomas, assignors.)
- Scottish Dyes, Limited. (See Smith, W., and Thomas, assignors.)
- Scottish Dyes Limited. (See Smith, W., Primrose, and Thomas, assignors.)
- Scovill Manufacturing Company. (See Bennett, Morris H., assignor.)
- Scovill Manufacturing Company. (See Bennett, M. H., and Cowperthwait, assignors.)
- Scovill Manufacturing Company. (See Chapman, Lyman B., assignor.)
- Scovill Manufacturing Company. (See Clemmons, Herbert D., assignor.)
- Scovill Manufacturing Company. (See Colina, William, assignor.)
- Scovill Manufacturing Company. (See Cowperthwait, Arthur D., assignor.)
- Scovill Manufacturing Company. (See Donahue, John M., assignor.)
- Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
- Scovill Manufacturing Company. (See Goss, John H., assignor.)
- Scovill Manufacturing Company. (See Janes, Edmund D., assignor.)
- Scovill Manufacturing Company. (See King, George A., assignor.)
- Scovill Manufacturing Company. (See Leggett, G. R., Lusher, and Cornell, assignors.)
- Scovill Manufacturing Company. (See Lusher, Albert C., assignor.)
- Scovill Manufacturing Company. (See Meader, Russell G., assignor.)
- Scovill Manufacturing Company. (See Mitchell, August, assignor.)
- Scovill Manufacturing Company. (See Moran, Joseph F., assignor.)
- Scovill Manufacturing Company. (See Perrine, George H., assignor.)
- Scovill Manufacturing Company. (See Reutter, Frederick, assignor.)
- Scovill Manufacturing Company. (See Reutter, Frederick, and Goss, assignors.)
- Scovill Manufacturing Company. (See Schaff, Almanzo, assignor.)
- Scovill Manufacturing Company. (See Summey, David L., assignor.)
- Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
- Scovill Manufacturing Company. (See Warner, Frank E., assignor.)
- Scoville Manufacturing Company. (See Belfit, Robert W., assignor.)
- Scoville, Ray R. (See Silent, H. C., and Scoville.)
- Scoville, Ray R., Los Angeles, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 1,936,176; Nov. 21.
- Scragg, George H., assignor to International Motor Company, New York, N. Y. Aisle seat for busses. 1,922,502; Aug. 15.
- Scranton, Charles J., jr. (See Mentor, E. W., and Scranton.)
- Scranton, Charles J., jr. (See Reynolds, J. N., and Scranton.)
- Scranton, Charles J., jr., assignor to Avery Power Machinery Co., Peoria, Ill. Sickle guard and shield. 1,917,604; July 11.
- Scranton, L. G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for marking strand material. 1,904,254; Apr. 18.
- Scribner, Allison K., Portsmouth, Va., assignor to Virginia Smelting Company, Portland, Maine. Method of and composition for stripping dyes. 1,918,873; July 18.
- Scribner, George K., assignor to Boonton Molding Company, Boonton, N. J. Molding of plastic articles. Re19,000; Nov. 14.
- Scribner, George K., assignor to Boonton Molding Company, Boonton, N. J. Molding of plastic articles. 1,916,692; July 4.
- Scribner, George K., assignor to Boonton Manufacturing Company, Boonton, N. J. Molded closure. 1,916,693; July 4.
- Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Self aligning roller bearing. 1,910,184; May 23.
- Scrimgeour, Carter M. (See Scrimgeour, William, assignor.)
- Scrimgeour, William, assignor of one-eighth to C. M. Scrimgeour, Washington, D. C. Diver's dress. 1,935,132; Nov. 14.
- Scriven, Edward O., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling circuits. 1,919,046; July 18.
- Scriumborn, Peter, Berlin, Germany, assignor to The American Thermos Bottle Company, Norwich, Conn. Cooler. 1,906,815; May 2.
- Scroggs, Joseph W., Norman, Okla. Garage door opener. 1,911,293; May 30.
- Scruby, George E., deceased, Oklahoma City, Okla.; L. M. Scruby, administratrix. Box. 1,912,952; June 14.
- Scruby, Liahah M. (See Scruby, George E., assignor.)
- Scruggs, Clarence H., Brooklyn, N. Y. Jewelry display device. 1,900,467; Mar. 7.
- Scruton, Hereward L., Minneapolis, Minn. Cover operator and holder for garbage cans and the like. 1,921,208; Aug. 8.
- Scudder, Charles J., Scranton, Pa. Lateral compensator connection for vehicle trucks. 1,935,335; Nov. 14.
- Scudder, Mason, Clayton, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Football, basket ball, and the like. 1,898,600; Feb. 21.
- Scudder, Mason, Clayton, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Valve structure for footballs, basket balls, and the like. 1,923,890; Aug. 22.
- Sculley, William J., Palmyra, N. J. Apparatus for making a belt splice. 1,900,402; Mar. 7.
- Scullin Steel Co. (See Dreibuss, H. C., and Chiles.)
- Scullin Steel Co. (McCullough, Paul J., assignor.)
- Scully, James W., Seattle, Wash. Candy package. 1,935,251; Nov. 14.
- Scully, John T., New York, N. Y. Friction lighting device. 1,906,217; Apr. 25.

- Scully, Rees T., Pittsburgh, Pa. Scoring device. 1,900,401; Mar. 7.
- Scurlock, Lewis H., Chicago, Ill. Golf game. 1,911,402; May 30.
- Seaberg, Grover, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Saddle gasket. 1,937,793; Dec. 5.
- Seabert, John D., Dayton, Ohio, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic device. 1,936,918; Nov. 28.
- Seabold, Walter G., sr., Alton, Ill. Box or crate structure. 1,918,987; July 18.
- Seagren, Emil G., assignor to Signode Steel Strapping Company, Chicago, Ill. Stretching tool. 1,912,045; May 30.
- Seaholm, Charles H., assignor to General Talking Pictures Corporation, New York, N. Y. Talking motion picture apparatus. 1,897,655; Feb. 14.
- Seaholm, Charles H., assignor to General Talking Pictures Corporation, New York, N. Y. Sound on film apparatus. 1,919,753; July 25.
- Seaholm, Ernest W., and G. E. Parker, assignors to General Motors Corporation, Detroit, Mich. Radiator. 1,903,141; Mar. 28.
- Seale, Ross W., Huntington, W. Va. Sanitary accessory for commodes. 1,938,867; Dec. 12.
- Sealey, William C., Langhorne, Pa., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric transformer. 1,913,130; June 6.
- Seaman Body Corporation. (See Hardtke, Edward J., assignor.)
- Seaman, Cedric, Rye, N. Y., assignor to Bakeries Service Corporation. Display rack. 1,937,132; Nov. 28.
- Seaman, John M., Mount Vernon, Wash., assignor to Boze-man Canning Company, Bozeman, Mont. Apparatus for transferring cans. 1,907,189; May 2.
- Seamark, Louis M. C., Outer Down, Chagford, England. Casing head equipment. 1,902,906; Mar. 28.
- Seamless Rubber Company, The. (See De Laney, Wallace W., assignor.)
- Seamless Rubber Company, The. (See Patterson, John W., assignor.)
- Seamless Rubber Company, The. (See Predmore, Bert, assignor.)
- Seaquest, Charles L., Portland, Oreg. Book support. Des. 90,601; Aug. 29.
- Searing Hudson R., New York, N. Y. Alternating-current-network distribution system. 1,932,088; Oct. 24.
- Searle, Clarence C., Taft, Calif. Self cleaning centrifugal sieve. 1,894,713; Jan. 17.
- Searle, Dudley F., Oakland, Calif. Air control mechanism. 1,930,827; Oct. 17.
- Searle, Farrell G. (See Kronquest, A. L., and Searle.)
- Searles, Alva L., Grand Rapids, Mich. Dust collector. 1,917,857; July 11.
- Searles, Raymond E., assignor to The Fafnir Bearing Company, New Britain, Conn. Chuck. 1,931,328; Oct. 17.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Spring connection. 1,920,132; July 25.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Chuck. 1,931,327; Oct. 17.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Spring connection. 1,935,957; Nov. 21.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Spring connection. 1,935,958; Nov. 21.
- Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Chuck. 1,933,356; Dec. 5.
- Searles, Raymond R., and H. R. Reynolds, assignors to The Fafnir Bearing Company, New Britain, Conn. Dust seal. 1,918,988; July 18.
- Searles, Raymond R., and J. W. Smith, assignors to The Fafnir Bearing Company, New Britain, Conn. Bearing. 1,941,366; Dec. 26.
- Searles, Theodore P., New Rochelle, assignor to Dossert & Company, New York, N. Y. Electrical connection. 1,925,283; Sept. 5.
- Sears, Edward J. (See Francis, C. C., and Sears.)
- Sears, John, Regina, Saskatchewan, Canada. Control means for tuning mechanism of sound-reproduction apparatus. 1,928,742; Oct. 3.
- Sears, Robert E., Eureka, Kans. Heading machine for shock cane, kafir, and the like. 1,906,774; May 2.
- Sears, Roebuck and Co. (See Game, Karl P., assignor.)
- Sears, Roebuck and Co. (See Kingdon, Ralph H., assignor.)
- Sears, Roebuck & Company. (See Mason, Francis C., assignor.)
- Sears, Roebuck and Co. (See Oppenheim, Charles, assignor.)
- Sears, Silas W. (See Keenan, William J., assignor.)
- Sears, Victor H., New York, N. Y. Artificial tooth. 1,930,065; Oct. 10.
- Sease, Virgil B., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, Wilmington, Del. Multipack negative system. 1,900,468; Mar. 7.
- Sease, Virgil B., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Positive photographic film. 1,905,188; Apr. 25.
- Seashore, Gunnar F. (See Edman, John, assignor.)
- Seaton, Max Y., Porterville, Calif., assignor to California Chemical Corporation, Chicago, Ill. Building construction. 1,897,338; Feb. 14.
- Seator, Robert J., assignor of one-half to H. Matthews, Battle Creek, Mich. Humidifier and air circulator. 1,918,431; July 18.
- Seattle Tent & Awning Company. (See Frank, Albert L., assignor.)
- Sebastian Lathe Company, The. (See Schroder, William, assignor.)
- Sebastian, Robert L., Montclair, N. J., assignor to The American Agricultural Chemical Company. Obtaining acid metal phosphates. 1,929,452; Oct. 10.
- Sebastianelli, Angelo. (See Liva, Henry, assignor.)
- Sebell, Harry, Boston, assignor to Arthur H. Parker, Lexington, Mass. Machine for sealing cans. 1,901,266; Mar. 14.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Sealing a container. 1,918,196; July 11.
- Sebell, Harry, Boston, assignor of one-half to Arthur H. Parker, Lexington, Mass. Apparatus for making can bodies. 1,918,197; July 11.
- Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Sealed can. 1,932,233; Oct. 24.
- Sebell, Harry, Boston, assignor to A. H. Parker, Lexington, Mass. Container. 1,938,935; Dec. 12.
- Sebring, Russel. (See Kelly, Dennis, assignor.)
- Seck, Frank C., Oklahoma City, Okla. Liquefier. 1,928,396; Sept. 26.
- Seckman, Leonard, et al. (See Mort, Charles S., assignor.)
- Seck, Percy A. (See De Marco, Louis, assignor.)
- Secoy, Samuel E., assignor of one-half to H. L. Smith, Newcastle, Ind. Change-speed mechanism. 1,924,756; Aug. 29.
- Secretary of Commerce, The Government of the United States represented by. (See Diamond, Harry, assignor.)
- Secretary of War, in behalf of the United States. (See Nelson, Paul R., assignor.)
- Secretary of War of The United States of America. (See Woodberry, David L., assignor.)
- Security Engineering Company. (See Hammer, Otto, assignor.)
- Security Fire Door Company. (See Talen, Mauritz W., assignor.)
- Security Investment Company of Whittier. (See Sievers, W. E., and Hammer, assignors.)
- Sedberry, J. B., Inc. (See Campbell, Leon W., assignor.)
- Seddon, Robert S., White Plains, N. Y. Machine for producing bias weave fabric. 1,896,596; Feb. 7.
- Sederland, Theodore C., Youngstown, Ohio. Hoisting device. 1,913,458; June 13.
- Sedgley, Gertrude E., L. Shiatte, and A. S. Brown, Tilton, N. H. Making a belt. 1,907,593; May 9.
- Sedgley, Reginald F., Philadelphia, Pa. Rifle loading mechanism. Re18,706; Jan. 3.
- Sedgwick Machine Works, Incorporated. (See Henricksen, Bjarne, assignor.)
- Sedlmeir, Michael, Mulheim-on-the-Ruhr, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Nozzle for gas turbines. 1,908,066; May 9.
- Sedlock, Anton V., Los Angeles, Calif. Bed construction. 1,922,503; Aug. 15.
- Sedwick, Matthew M. (See Kronquest, A. L., and Sedwick.)
- See, Frederick, and C. J. Utley, Bell, Calif. Braking device. 1,926,634; Sept. 12.
- Seebach, Fritz, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparation of ester-aldehyde condensation products. 1,933,124; Oct. 31.
- Seeberg, Henry M. (See Levenberg, J. L., and Seeberg.)
- Seeburg, Justus P. (See Dahlstrom, Arvid, assignor.)
- Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Welding apparatus. 1,902,469; Mar. 21.
- Seederer, Jacob E., et al. (See Cameron, Hugh M., assignor.)
- Seederer, Jacob E., assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Beam scale. 1,900,418; Mar. 7.
- Seederer-Kohlbusch, Inc. (See Cameron, Hugh M., assignor.)
- Seederer-Kohlbusch, Inc. (See Gattoni, John, assignor.)
- Seederer-Kohlbusch, Inc. (See Seederer, Jacob E., assignor.)
- Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Resistance controller. 1,916,534; July 4.
- Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor controller. 1,928,138; Sept. 26.
- Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control system for electric elevators. 1,937,917; Dec. 5.
- Seeger Refrigerator Company. (See Schwarz, Emil P., assignor.)
- Seekonk Lace Company. (See King, Gilbert M., assignor.)
- Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Protecting the sound track on sound motion picture film. 1,917,397; July 11.
- Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic paper. 1,933,824; Nov. 7.
- Seelert, Frederick W., Minneapolis, Minn. Valve seat cutting device. 1,923,847; Aug. 22.

- Seeley, George A., Irvington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Device for handling reels. 1,904,255; Apr. 18.
- Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Capstan. 1,904,885; Apr. 18.
- Seeley, Harold T. (See Bany, H., and Seeley.)
- Seeley, Harold T. (See Whitlow, G. S., and Seeley.)
- Seeley, Harold T., Yeadon, Pa., assignor to General Electric Company. Control system. 1,900,589; Mar. 7.
- Seeley, Harold T., Yeadon, Pa., assignor to General Electric Company. Protective systems. 1,919,077; July 18.
- Seeley, Harold T., Yeadon, Pa., assignor to General Electric Company. Control system. 1,937,497; Nov. 28.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Protective arrangement. 1,906,817; May 2.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Excitation control system. 1,923,754; Aug. 22.
- Seeley, Paul S. (See Mitchell, Henry C., assignor.)
- Seeley, Stuart W., Jackson, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiving set. 1,932,232; Oct. 24.
- Seeley Tube & Box Company. (See Halle, William W., assignor.)
- Seeley, Walter B., Philadelphia, Pa. Truss pad. 1,915,623; June 27.
- Seeley, William L. (See Trumble, M. J., and Seeley.)
- Seelig, Alfred E., assignor to L. J. Wing Mfg. Co., New York, N. Y. Load limiting damper. 1,912,164; May 30.
- Seeliger, Hermann, Berlin-Grenewald, Germany. Toothbrush. 1,916,641; July 4.
- Seelman, George & Sons Co. (See Seelman, George, jr., assignor.)
- Seelman, George, jr., assignor to George Seelman & Sons Co., Milwaukee, Wis. Valuable-paper wallet. 1,940,733; Dec. 26.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 1,896,187; Feb. 7.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stopping mechanism. 1,939,321; Dec. 12.
- Seemann, Jon. (See Boedecker, F., and Seemann.)
- Seery, Howard B., Lincoln Place, Pa. Furnace door. 1,893,449; Jan. 3.
- Sefton National Fibre Can Co. (See Geist, William J., assignor.)
- Sefton, Pennington. (See Sefton, Wilfred and P.)
- Sefton, Wilfred and P., Auburn, N. Y. Loudspeaker. 1,907,449; May 9.
- Segal Founders Corporation. (See Segal, Hyman R., assignor.)
- Segal, Hyman R., New York, N. Y. Key retainer. 1,924,134; Aug. 29.
- Segal, Hyman R., New York, N. Y., assignor to Segal Founders Corporation. Razor. 1,897,150; Feb. 14.
- Segal, Hyman R., New York, N. Y., assignor to Segal Founders Corporation. Razor. 1,910,065; May 23.
- Segal, Hyman R., assignor to Segal Founders Corporation, New York, N. Y. Razor. 1,918,989; July 18.
- Segal, Hyman R., New York, N. Y. Wrench. 1,931,559; Oct. 24.
- Segal, Hyman R., New York, N. Y. Key retainer. 1,934,889; Nov. 14.
- Segal, Hyman R., New York, N. Y. Compact. 1,936,273; Nov. 21.
- Segal, Hyman R., New York, N. Y., assignor to Segal Founders Corporation. Razor. 1,940,149; Dec. 19.
- Segal, Jacob B., Camden, N. J. Embroidery frame. 1,910,934; May 23.
- Segal Lock & Hardware Co. (See Hines, John, assignor.)
- Segal Lock & Hardware Co. Inc. (See Hines, John, assignor.)
- Segal Safety Razor Corporation. (See Segal, Samuel, assignor.)
- Segal, Samuel, New York, N. Y. Tweezer. Des. 89,315; Feb. 21.
- Segal, Samuel, New York, N. Y. Cigarette holder and pipe stem. 1,927,956; Sept. 26.
- Segal, Samuel, New York, N. Y. Combination cigarette holder and pipe stem. 1,933,875; Nov. 7.
- Segal, Samuel, New York, N. Y. Cigarette holder and pipe stem. 1,940,189; Dec. 19.
- Segal, Samuel, Brooklyn, N. Y. Chain lock. 1,924,627; Aug. 29.
- Segal, Samuel, assignor to Segal Safety Razor Corporation, New York, N. Y. Razor. 1,909,595; May 16.
- Segal, Samuel, assignor to Segal Safety Razor Company, New York, N. Y. Sharpening unit. 1,919,999; July 25.
- Segar, Harry D., Pittsfield, Mass., assignor to General Electric Company. Laminated material. 1,899,591; Feb. 28.
- Segars, Burrell W., Oswego, S. C. Fertilizer distributor. 1,894,008; Jan. 10.
- Segelhorst, August L., and E. L. Launder, Huntington Beach, Calif. Welding and cutting apparatus. 1,896,497; Feb. 7.
- Segelke & Kohlhaus Company. (See Guillaume, Anton A., assignor.)
- Seger, Carl, assignor to Hudson Motor Car Company, Detroit, Mich. Feeder for portable tools. 1,921,485; Aug. 8.
- Seger, Earl F. (See Hopkins, R. Z., and Seger.)
- Seger, Jacob, assignor to the Firm Locher & Cie., Zurich, Switzerland. Annular dowel for timber bonds. 1,902,880; Mar. 21.
- Seghers, Emiel P., Chicago, Ill. Trap. 1,897,151; Feb. 14.
- Seghers, Emiel P., Chicago, Ill. Electric light. 1,914,583; June 20.
- Segsneider, Rudolph G., Yonkers, N. Y. Hat-brim-ironing machine. 1,928,678; Oct. 3.
- Segsneider, Rudolph G., Yonkers, N. Y. Method of and apparatus for blocking hats. 1,929,393; Oct. 3.
- Ségui, Pierre J., Paris, France. Apparatus for catching a moving volume of air. 1,912,660; June 6.
- Seguin, Edmond. (See Bouvier, C., Fouché, and Seguin.)
- Segur, Asa B., Oak Park, Ill., assignor to General Cable Corporation, New York, N. Y. Coil terminal attaching apparatus. 1,913,904; June 13.
- Seguy, Jean D., assignor to The Universal Oil Products Company, Chicago, Ill. Process and apparatus for cracking hydrocarbon oil. 1,921,246; Aug. 8.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,927,187; Sept. 19.
- Sehring, Frank, Brooklyn, N. Y. Hair curler or hair wave winder. 1,900,873; Mar. 7.
- Seib, Josef, Konstanz, assignor, by mesne assignments, to the Firm of Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Catalysts for the hydrogenation and dehydrogenation of organic compounds. 1,913,774; June 13.
- Seiberling Latex Products Company. (See Goodwin, John O., assignor.)
- Seiberling Rubber Company. (See Alexander, H. S., Pfeiffer, and White, assignors.)
- Seibert, Carl F., Hamilton, and E. J. Seibert, Cincinnati, Ohio. Applicator for treating surfaces. 1,901,825; Mar. 14.
- Seibert, Carl F., Hamilton, and E. J. Seibert, Cincinnati, Ohio. Applicator for treating surfaces. 1,901,826; Mar. 14.
- Seibert, Elmer J. (See Seibert, Carl F. and E. J.)
- Seibert, Sarah J. T., Brooklyn, N. Y. Sanitary mop dust receptacle. 1,928,844; Oct. 3.
- Seibert, William D., Brooklyn, N. Y. Binder for magazines, pamphlets, and other publications. 1,906,661; May 2.
- Seibert, William L., Fort Monmouth, N. J. Radio signaling system. 1,912,387; June 6.
- Seiberth, Max. (See Hartmann, M., and Seiberth.)
- Seibt, Georg, Berlin-Schöneberg, Germany. Electric glow discharge tube. 1,901,004; Mar. 14.
- Seibt, Georg, Berlin-Schöneberg, Germany. Electric glow discharge tube. 1,914,045; June 13.
- Seibt, Georg, and H. Bley, Berlin-Schöneberg, Germany. Electric glow discharge amplifying tube. 1,911,928; May 30.
- Seibt, Georg, and H. Bley, Berlin-Schöneberg, Germany. Glow tube for amplifying, detecting, and other purposes. 1,914,044; June 13.
- Seibt, Georg, and H. Bley, Berlin-Schöneberg, Germany. Glow tube for amplifying, detecting, and other purposes. 1,929,904; Oct. 10.
- Seid, George. (See Cootz, F. J., jr., and Seid.)
- Seidel, Bruno W., assignor to U. S. Sanitary Specialties Corporation, Chicago, Ill. Portable liquid dispenser. 1,936,526; Nov. 21.
- Seidel, Edward, Youngstown, Ohio. Apparatus for pouring steel ingots. 1,923,119; Aug. 22.
- Seidel, Martin, Bogota, N. J. Neckpiece for a woman's garment or similar article. Des. 90,860-1; Oct. 10.
- Seidel, Walter, and A. Ernecke, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial thread. 1,898,502; Feb. 21.
- Seidell, Atherton, Washington, D. C. Solid concentrates of vitamins and making same. 1,937,671; Dec. 5.
- Seidenberg, Edwin J., assignor to Libbey Cataphote Corporation, Toledo, Ohio. Mounting for autocollimators. 1,918,292; July 18.
- Seidenfaden, Wilhelm. (See Zitscher, A., and Seidenfaden.)
- Seidenfaden, Wilhelm. (See Zitscher, A., Seidenfaden and Jellinek.)
- Selderman, Maurice. (See Ostus, F. J., and Selderman.)
- Seldinger, Walter, Berlin, Germany. Combination of a broadcasting receiver set and a gramophone. 1,930,746; Oct. 17.
- Seidler, Carl, New York, assignor to Alarico Valley, Westchester County, N. Y. Structure for distribution of loose milk. 1,935,893; Nov. 21.
- Seidman, Sol H. (See Krosta, Frederick, assignor.)
- Seifer, Theodor, Dusseldorf, assignor to Preussische Gewerkschaft Raphael, Kalk, near Cologne-on-the-Rhine, Germany. Method of and means for cracking hydrocarbons in a metal bath. 1,926,563; Sept. 12.
- Seifert, Charles H., Hempstead, N. Y. Gear. 1,897,865; Feb. 14.
- Seifert, Edgar F. (See Taylor, E. H., Seifert, Mericka, Loser, Behnke, and Somervell.)
- Seiferth, Hugo, Dusseldorf-Oberkassel, Germany. Apparatus for producing profile metals. 1,921,486; Aug. 8.
- Seifert, Oliver, assignor to International Air Brake Control Company, Portland, Oreg. Pressure control valve for automatic air brakes. 1,897,339; Feb. 14.

- Seifferle, Oliver, assignor to International Air Brake Control Company, Portland, Oreg. Pressure reduction control for automatic air brake mechanism. 1,918,997; June 13.
- Selmer, Louis P., assignor of one-half to J. C. Larsin, Seattle, Wash. Wire puller. 1,899,531; Feb. 28.
- Selge, Adolphe A. F. M., Paris, France. Liquid fuel. 1,913,061; June 6.
- Selge, William R., Mamaroneck, assignor to Johns-Manville Corporation, New York, N. Y. Centrifugal molding device. 1,897,401; Feb. 14.
- Seller, Ernest L., Stockton, Calif. Rungless ladder. 1,918,293; July 18.
- Seller, John D., Milton, Pa., assignor to American Car and Foundry Company, New York, N. Y. Forming tank domes. 1,894,642; Jan. 17.
- Seller, Richard J., Ithaca, N. Y., assignor to Remington Arms Company, Inc. Checking machine. 1,900,203; Mar. 7.
- Selnsheimer Paper Company, The. (See Johnson, Samuel J., assignor.)
- Selser, Joseph P., White Plains, N. Y. Seeder. 1,897,769; Feb. 14.
- Seiss, George J., Toledo, Ohio. Automobile horn terminus. Des. 90,685; Sept. 12.
- Seiss, George J., Toledo, Ohio. Windshield heater. 1,925,114; Sept. 5.
- Seiss, George J., Toledo, Ohio. Battery lamp. 1,925,115; Sept. 5.
- Seiss, George J., Toledo, Ohio. Automobile horn. 1,940,150; Dec. 19.
- Seiter, Charles F., Rockford, Ill. Boat trailer. 1,939,863; Dec. 19.
- Seiter, Otto, Forest Hills West, assignor to The Nestle-Lemur Company, New York, N. Y. Hair waving apparatus. 1,919,282; July 25.
- Seitz, Anna L. C., et al., executrices. (See Conrader, Rudolph.)
- Seltz, Dean C., assignor to The Russ Manufacturing Company, Cleveland, Ohio. Thermostatically controlled expansion valve. 1,932,356; Oct. 24.
- Seltz, Henry C., Niles, Ohio. Machine for washing and screening materials. 1,897,624; Feb. 14.
- Seitz, John F., Hollywood, Calif. Making sets for moving pictures. 1,898,904; Feb. 21.
- Seltz, John F., Los Angeles, Calif. Method and apparatus for making motion pictures. 1,898,905; Feb. 21.
- Seitz, Joseph J., assignor to Mitchell Specialty Company, Philadelphia, Pa. Door retainer. 1,895,525; Jan. 31.
- Seltz, Oskar, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric power rectifier cooling system. 1,932,991; Oct. 31.
- Seitz, Wilford, assignor of sixteen and two-thirds per cent to L. P. Spore, sixteen and two-thirds per cent to F. B. Cooney, and sixteen and two-thirds per cent to R. T. Judson, Sandusky, Ohio. Insecticide. 1,923,004; Aug. 15.
- Selz, Walter, Baden, Switzerland, assignor to General Electric Company. Regulation of asynchronous machines. 1,895,349; Jan. 24.
- Sejersen, Ejnar, Oak Park, Ill. Control mechanism for brakes. 1,906,341; May 2.
- Sejersen, Ejnar, Oak Park, Ill. Emergency brake control mechanism. 1,919,754; July 25.
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,897,916; Feb. 14.
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Starting mechanism for internal combustion engines. 1,901,267; Mar. 14.
- Sekella, Youston, Elmira Heights, assignor to Eclipse Machine Company, Elmira, N. Y. Starting mechanism. 1,934,095; Nov. 7.
- Selas Company, The. (See Hess, Fred, assignor.)
- Selas Company, The. (See Le Boutillier, H. W., and Hess, assignors.)
- Selby, Charles M., assignor to Holland Furnace Company, Holland, Mich. Thermostatic control. 1,902,105; Mar. 21.
- Selby-Hole, John, Santa Monica, Calif. Sewing cabinet. Des. 89,145; Jan. 31.
- Selby, P. E. Inc. (See Nill, Edward A., assignor.)
- Selby Shoe Company, The. (See Doty, L. M., and Griffin, assignors.)
- Selby Shoe Company, The. (See Hauck, Charles J., assignor.)
- Seldon Company, The. (See Canon, Frank A., assignor.)
- Selden Company, The. (See Daniels, Lloyd C., assignor.)
- Selden Company, The. (See Jaeger, Alphons O., assignor.)
- Selden Company, The. (See Jaeger, A. O., assignor, and Bertsch.)
- Selden Company, The. (See Jaeger, A. O., and Daniels, assignors.)
- Selden Company, The. (See Jaeger, A. O., Daniels, and West, assignors.)
- Selden Company. (See Jaeger, A. O., and Fiedler, assignors.)
- Selden Company, The. (See Jaeger, A. O., and Witzel, assignors.)
- Selden Company, The. (See Jewett, Joseph E., assignor.)
- Selden Company, The. (See Pietzsch, Kurt E., assignor.)
- Selden Company, The. (See West, Herbert J., assignor.)
- Selden Company, The. (See Witzel, Heinrich W., assignor.)
- Selden Research & Engineering Corporation. (See Jaeger, Alphons O., assignor.)
- Selden Research & Engineering Corporation, The. (See Jaeger, A. O., and West, assignors.)
- Selden Research & Engineering Corporation, The. (See v. d. Luft, Oscar, assignor.)
- Selectasine System, Inc. (See Owens, Edward A., assignor.)
- Selected Chemicals, Inc. (See Levinson, Arthur A., assignor.)
- Selecto Light, Inc. (See Alessi, Anthony, assignor.)
- Selector Corporation, The. (See Wurzbach, H. E., and Wadsworth, assignors.)
- Selényi, Paul, Budapest, assignor to Egyesült Izzolampa Villamossági Rt., Ujpest, Hungary. Forming electrode surfaces. 1,914,534; June 20.
- Selényi, Paul, Budapest, assignor to Egyesült Izzolampas Villamossági Rt., Ujpest, Hungary. Discharge tube. 1,921,139; Aug. 8.
- Seletzky, Anatoli C., Cleveland, Ohio. Automatic resistance testing apparatus. 1,935,487; Nov. 14.
- Self Feeding Carburetor Company. (See Scott, William, assignor.)
- Self-Locking Carton Company. (See Troyk, Felis, assignor.)
- Self-Serve Bottle Vendor Company. (See Parks, R. D., and Hildenbrand, assignors.)
- Seliger, Benno, Chicago, Ill. Packing material. 1,910,641; May 23.
- Sell, Charles J., Jackson Heights, N. Y., and H. R. McKenney, Cranford, N. J. Game of simulated golf played with darts. 1,928,768; Oct. 3.
- Sell, Frank A., Los Angeles, Calif. Combination safety razor case and used blade container. 1,919,381; July 25.
- Sell, Helmut, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Microphone. 1,901,933; Mar. 21.
- Sellberg, Enoch, and C. L. Phillips, Winslow, Ariz. Crank shaft grinder. 1,928,506; Sept. 26.
- Selleck, Frederick C., Cold Spring, N. Y. Distributor head. 1,920,480; Aug. 1.
- Sellers, Orlin N., Evanston, Ill. Furnace. 1,918,935; July 18.
- Sellers, Stanley L., Philadelphia, Pa. Woven wire fabric. 1,926,114; Sept. 12.
- Sellers, William D., Oak Park, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,890; Mar. 7.
- Selling, Laurence. (See Osgood, Austin H., assignor.)
- Selling, Otto, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Electrical lead-in. 1,944,805; Apr. 18.
- Sellman, Folke E., White Plains, assignor, by mesne assignments, to Electrolux Servel Corporation, New York, N. Y. Refrigerator cabinet. 1,910,504; May 23.
- Sells, Ogden S., San Francisco, Calif. Whole grain corn and canning the same. 1,940,773; Dec. 26.
- Sells, Ogden S., San Francisco, Calif. Treating whole grain corn for canning. 1,940,774; Dec. 26.
- Sells, Ogden S., San Francisco, Calif., and H. J. Wheeler, Buffalo, N. Y., assignors to Sprague-Sells Corporation, Hoopeston, Ill. Corn debutter. 1,927,957; Sept. 26.
- Sellstrom Manufacturing Company. (See Anderson, Philip R., assignor.)
- Sellstrom Manufacturing Company. (See Flood, Oscar S., assignor.)
- Selmer, Curt, Oslo, Norway. Dishwashing machine. 1,907,269; May 2.
- Seltzer, William H., Lehighton, Pa. Flower holding device. 1,902,423; Mar. 21.
- Selva, James, Laureton, N. Y. Tap plate for dancing shoes. 1,904,886; Apr. 18.
- Silverstone, Agnes S., New York, N. Y., assignor to L. Burke, New York, N. Y., and J. A. Weisman, Newark, N. J. Cushion. 1,934,615; Nov. 7.
- Selvester, Arnold E., Korvel, Calif. Hitch. 1,896,427; Feb. 7.
- Selvig, John N., Chicago, Ill. Apparatus for treating fibrous material. 1,937,794; Dec. 5.
- Selzer, John, Fort Wayne, Ind., assignor to International Harvester Company. Stake body lock. 1,926,352; Sept. 12.
- Sem, Mathias O., Buffalo, N. Y., assignor to Tracy Bartholomew, Pittsburgh, Pa. Treatment of slag. 1,924,728; Aug. 29.
- Semaria, Max, Brooklyn, N. Y. Fabric. Des. 90,556; Aug. 22.
- Semenitz, Christian, Berlin, Charlottenburg, assignor to Reinhold Kupfer, Berlin, Germany. Episcopic projector. 1,902,907; Mar. 28.
- Semet-Solvay Company. (See Richardson, Roger F., assignor.)
- Semet-Solvay Company. (See Wingert, William B., assignor.)
- Semet-Solvay Engineering Corporation. (See Eberlein, J. B., and Steere, assignors.)
- Semet-Solvay Engineering Corporation. (See Greene, John W., assignor.)
- Semet-Solvay Engineering Corporation. (See Hughes, Charles H., assignor.)
- Semet-Solvay Engineering Corporation. (See Pratt, Charles O., assignor.)
- Semet-Solvay Engineering Corporation. (See Steere, Frank W., assignor.)

- Semet-Solvay Engineering Corporation. (See Steere, George R., assignor.)
- Semet-Solvay Engineering Corporation. (See Tenney, Charles I., assignor.)
- Semet-Solvay Engineering Corporation. (See Tiddy, William, assignor.)
- Semet-Solvay Engineering Corporation. (See Tymstra, Sybren R., assignor.)
- Semler, Clyde M., Cuyahoga Falls, Ohio. Apparatus for treating rubber tires. 1,910,128; May 23.
- Semmes, Harry H., et al. (See Wright, Leonard K., assignor.)
- Semmes, Harry H., Chevy Chase, Md., assignor to Bendix Brake Company, South Bend, Ind. Brake operator. 1,928,077; Sept. 26.
- Semmes, Harry H., Chevy Chase, Md., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Brake testing apparatus. 1,932,285; Oct. 24.
- Semmes, Harry H., Washington, D. C., assignor to Standard-I. G. Company. Producing refined hydrocarbon oils from unrefined hydrocarbon material. 1,940,651; Dec. 19.
- Semmes, Harry H., Washington, D. C., assignor to Standard-I. G. Company. Catalytic process for obtaining valuable refined hydrocarbon oils from heavier unrefined products by the action of high-pressure hydrogen. 1,940,652; Dec. 19.
- Semmes, Harry H., Washington, D. C., assignor to Standard-I. G. Company. Obtaining valuable hydrocarbon oils from heavier unrefined products by the action of high-pressure hydrogen. 1,940,653; Dec. 19.
- Semon, Albert L. (See Semon, C. F. and A. L.)
- Semon, Albert L., East Orange, N. J., and W. S. Walker, Flushing, N. Y. Fluid strainer. 1,908,925; May 16.
- Semon, Charles F. and A. L., East Orange, N. J. Thermodynamic liquid-flow-control device. 1,929,610; Oct. 10.
- Semon, John B., Philadelphia, Pa. Gauge cock or valve. 1,924,886; Aug. 9.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Brush and making the same. 1,906,426; May 2.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,919,452; July 25.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,921,007; Aug. 8.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,815; Dec. 26.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,816; Dec. 26.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,817; Dec. 26.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,818; Dec. 26.
- Semon, Waldo L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,819; Dec. 26.
- Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber-like composition and making same. 1,929,453; Oct. 10.
- Semon, Waldo L., Cuyahoga Falls, and A. W. Sloan, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Making aldehyde-amines. 1,895,945; Jan. 31.
- Semon, Waldo L., and P. C. Jones, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Manufacture of secondary aromatic amines. 1,921,587; Aug. 8.
- Senaue, Alexander, New York, assignor to King Manufacturing Corporation, Buffalo, N. Y. Double action volume control. 1,894,794; Jan. 17.
- Sender, Theodor, Stettin, Germany. Mop. 1,912,543; June 6.
- Seneca Falls Machine Company. (See Peterson, Juel L., assignor.)
- Seneca Falls Machine Company. (See Smith, Edwin R., assignor.)
- Seneca Falls Machine Company. (See Smith, E. R., and Peterson, assignors.)
- Seneca Falls Machine Company. (See Smith, E. R., and Schinkez, assignors.)
- Seneca Silk Company. (See Greenspan, Elsie, assignor.)
- Seneca Silk Co. (See Hecker, Edward, assignor.)
- Senftner, Georg, Berlin, assignor to Werkhof Gesellschaft mit beschränkter Haftung, Bremen, Germany. Preservation of the aroma of tobacco and tobacco goods. 1,920,483; Aug. 1.
- Seng Company, The. (See Fox, Martin, assignor.)
- Seng Company, The. (See Seng, W. P., and Hassel, assignors.)
- Seng, Matthew F., Monongahela, assignor of one-half to F. J. McWade, Dormont, Pa. Drill bit. 1,926,635; Sept. 12.
- Seng, Rudolf, Frankfurt-on-the-Main, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Preparation of ammonium perborate. 1,929,121; Oct. 3.
- Seng, Wendelin P., and G. F. Hassel, assignors to The Seng Company, Chicago, Ill. Extension table. 1,937,250; Nov. 28.
- Seng, Wendelin P., and G. F. Hassel, assignors to The Seng Company, Chicago, Ill. Extension table. 1,937,251; Nov. 28.
- Sengbusch, Gustav J., Milwaukee, Wis. Writing pen. 1,915,337; June 27.
- Sengbusch, Gustav J., Milwaukee, Wis. Writing pen. 1,915,338; June 27.
- Sengebusch, Hans, Villa Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic switching apparatus. 1,914,535; June 20.
- Sengebusch, Hans, Villa Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Coin collector. 1,932,234; Oct. 24.
- Sengpiel, William A., assignor to The Sikes Company, Philadelphia, Pa. Chair. 1,909,017; May 16.
- Sengpiel, William A., assignor to The Sikes Company, Philadelphia, Pa. Chair. 1,909,018; May 16.
- Senna, Samuel N., Chicopee, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Testing apparatus. 1,901,359; Mar. 14.
- Senseney, Harvey G., Jr., Florence, S. C. Portable road sign. 1,903,482; Apr. 11.
- Sensible Heat Distillation Limited. (See Nielsen, Harald, assignor.)
- Sensow, Anton C., assignor to U. S. Slicing Machine Company, La Porte, Ind. Cushioning device for slicing machines. 1,902,908; Mar. 28.
- Sentry Company, The. (See Winter, Murray, assignor.)
- Sepin, Lee C., and E. A. Binney, San Diego, Calif. Newspaper crler and vending machine. 1,912,226; May 30.
- Seraphim, Joseph, Asnieres, France. Folding umbrella. 1,937,363; Nov. 28.
- Serck, Oscar, assignor of one-half to Serck Radiators Limited, Birmingham, England. Hydraulic press. 1,908,794; May 16.
- Serck Radiators Limited. (See Serck, Oscar, assignor.)
- Sereda, Jaroslaw. (See Pilat, S., and Sereda.)
- Sereff, Peter H., Lima, Ohio. Self-sustaining fabricated reinforcing system. 1,926,182; Sept. 12.
- Seregi, Anthony, assignor to Marie Seregi, New York, N. Y. Folding sunshade. 1,893,182; Jan. 5.
- Seregi, Marie. (See Seregi, Anthony, assignor.)
- Serenyi, Richard, Zurich, Switzerland. An improved manufacturing thin walled receptacle. 1,909,726; May 16.
- Sergeson, R., and Company. (See Leaf, I., and Kirby, assignors.)
- Seric Products Company. (See Steerup, Godfrey, assignor.)
- Seright, James J., Lincoln, Nebr. Emblem or like article. Des. 89,925; May 16.
- Serini, Arthur. (See Schöllkopf, K., and Serini.)
- Serpico, Thomas, Brooklyn, N. Y. See-saw. 1,929,081; Oct. 3.
- Serra, Francisco, Barcelona, Spain. Apparatus for the reproduction of sound. 1,937,252; Nov. 28.
- Serrano, Edmundo H., Mexico, Mexico, assignor to L. J. Serrano, St. Louis, Mo. Road and rail vehicle. 1,938,049; Dec. 5.
- Serrano, Luella J. (See Serrano, Edmundo H., assignor.)
- Serrell, Arthur H. (See Levitan, Nathan A., assignor.)
- Serrell, John A., Passagville, Fla. Control system. 1,937,598; Dec. 5.
- Serrurier, Iwan, Hollywood, Calif. Sound picture machine. 1,940,151; Dec. 19.
- Sersen, Fred J., Brooklyn, assignor of one-half to Kenyon B. Conger, Jr., Ardsley-on-Hudson, N. Y. Ceiling for sound correction. 1,913,249; June 6.
- Sersté, Jacques E., Laeken-Brussels, Belgium. Internal combustion engine. 1,896,102; Feb. 7.
- Sersté, Jacques E., Laeken-Brussels, Belgium. Internal combustion engine. 1,897,825; Feb. 14.
- Serton Rubber Company, The. (See Keiser, Charles R., assignor.)
- Servanton, Jacques, Levallois Perret, and J. M. Consaël, Paris, France. Call apparatus for automatic telephones. 1,913,905; June 13.
- Servel, Inc. (See Anderson, Sven W. E., assignor.)
- Servel, Inc. (See Carpenter, Elkanb B., assignor.)
- Servel, Inc. (See Collins, William D., assignor.)
- Servel, Inc. (See Collins, W. D., and Ploeger, assignors.)
- Servel, Inc. (See Dowell, Alvis Y., assignor.)
- Servel, Inc. (See Ellis, William H., assignor.)
- Servel, Inc. (See McComb, H. G., and Collins, assignors.)
- Servel, Inc. (See Nave, Alfred E., assignor.)
- Servel, Inc. (See Peltier, Frank D., assignor.)
- Servel, Inc. (See Ploeger, Clyde E., assignor.)
- Servel, Inc. (See Ploeger, C. E., Burgess, and Kuenzli, assignors.)
- Servel, Inc. (See Wessling, Harry H., assignor.)
- Servel, Inc. (See Zouck, G. H., and De Baufre, assignors.)
- Severy, Victor H., assignor to The Electrotone Corp. of America, Ltd., Los Angeles, Calif. Magnetic sound reproducing method. 1,940,274; Dec. 19.
- Service Bureau, Inc. (See Dawson, G. H., Dunn, and Nickerson, assignors.)
- Service, Duncan. (See Barnes, R. S., Service, and Thomas.)
- Service Equipment Company. (See Farley, George E., assignor.)
- Service Station Equipment Company. (See Brouse, William H. D., assignor.)
- Service Station Equipment Company. (See Gille, George W., assignor.)

- Service Station Equipment Company. (See McGregor, Clarence E., assignor.)
- Service Station Equipment Company. (See Retsema, Jay, assignor.)
- Service Station Equipment Company. (See Tursky, Charles M., assignor.)
- Servidor Company, The. (See Matchette, Frank J., assignor.)
- Servis Equipment Company. (See Jarmin, James B., assignor.)
- Servo-Frein Dewandre Societe Anonyme. (See Boland, Paul, assignor.)
- Servo-Frein Dewandre, Societe Anonyme. (See Defives, Raymond, assignor.)
- Séry, Claude, Aix-en-Provence, assignor to Société à Responsabilité Limitée "Etablissements Rotatiss", Paris, France. Circular-weaving loom. 1,930,371; Oct. 10.
- Sessa, Michele, Los Angeles, Calif. Aeroplane. 1,916,813; July 4.
- Session, Willet A., Detroit, Mich., assignor of one-half to Helen A. S. Cavin. Dump pocket for scows. 1,899,592; Feb. 28.
- Sessions Clock Company, The. (See Mazur, Samuel, assignor.)
- Sessions, Donald W., Finchley, London, England. Lifting jack for vehicles. 1,896,977; Feb. 7.
- Sessions, Frank L., Lakewood, Ohio. Method of and apparatus for electric welding and heating of metals. 1,903,359; Apr. 4.
- Sessions, Frank L., Lakewood, Ohio. Apparatus for electric induction welding and heating. 1,932,423; Oct. 31.
- Seta, Anthony, et al. (See Ramondetta, Gaetano, assignor.)
- Set-O-Type Manufacturing Company. (See Poeppelmeier, Frank H., assignor.)
- Setter, Joseph A., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 1,901,672; Mar. 14.
- Settle, Thomas G. W., United States Navy. Ballasting apparatus. 1,935,672; Nov. 21.
- Setz, Joseph, Elizabeth, N. J. Automatic railroad crossing. 1,933,284; Oct. 31.
- Seufert, Friedrich, Munich, Germany. Cinematographic apparatus. 1,906,818; May 2.
- Sevick, Mathias T., Fenton, Mo. Cap for sanctuary or other oil burning lamps. 1,915,622; June 27.
- Sevebeck, Laurin L., Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reference file. 1,911,852; May 30.
- Severance, Malvern W., assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery handle. 1,904,987; Apr. 18.
- Severance, Malvern W., assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery handle. 1,904,988; Apr. 18.
- Severance, Malvern W., assignor to Willard Storage Battery Company, Cleveland, Ohio. Lifting device. 1,908,926; May 16.
- Severin, Carl, Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and similar device. 1,906,819; May 2.
- Severin, Frank W., Chicago, Ill. Line casting machine. 1,913,216; June 6.
- Severin, José, Mulheim-on-the-Ruhr, Germany. Apparatus for rolling seamless tubes. 1,897,770; Feb. 14.
- Severin, Walter F., Evanston, Ill., assignor to Intertype Corporation, Brooklyn, N. Y. Metal pot for typographical machines. 1,897,012; Feb. 7.
- Severson, Irwin A., Soldier, Iowa. Twine impregnating device. 1,893,107; Jan. 3.
- Severson, Ole, Shelton, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Inserted cutting blade lock. 1,924,887; Aug. 29.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Producing compound tones of predetermined musical quality. 1,893,250; Jan. 3.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Electrical musical instrument. 1,899,884; Feb. 28.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Expression-control device for musical instruments. 1,910,129; May 23.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Synchronizer. 1,911,326; May 30.
- Severy, Melvin L., assignor to The Vocalsevro Company, Los Angeles, Calif. Controlling electrical and magnetic pulsations. 1,914,173; June 13.
- Severy, Victor H., Los Angeles, Calif., assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 1,935,215; Nov. 14.
- Sevison, Harry D. (See Hamm, W. S., and Sevison.)
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Curtain roller construction. 1,900,259; Mar. 7.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Weather strip. 1,906,110; Apr. 25.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window construction. 1,913,726; June 13.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash tightener. 1,928,439; Sept. 26.
- Sevison, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash ventilator. 1,929,219; Oct. 3.
- Sewall, Arthur C., Richmond, Maine. Insole. 1,927,421; Sept. 19.
- Sewall, Arthur C., Stoneham, Mass., assignor to Paper Patents Company, Neenah, Wis. Artificial leather. 1,915,339; June 27.
- Seward, Ernest R., Kirkwood, assignor to Lehmann Machine Company, St. Louis, Mo. Pipe shaping machine. 1,909,019; May 16.
- Seward Percival H., Brooklyn, assignor to American Radiator Company, New York, N. Y. Pipe coupling. 1,934,241; Nov. 7.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,894,795; Jan. 17.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,894,796; Jan. 17.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,894,797; Jan. 17.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,894,798; Jan. 17.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,919,600; July 25.
- Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 1,933,125; Oct. 31.
- Seward, Sarah H., Minneapolis, Minn. Window ventilator. 1,915,870; June 27.
- Sewell, Charles W., Allentown, Pa. Briquette and method of manufacturing briquettes. 1,920,327; Aug. 1.
- Sewell, Chester M. (See Golden, John H., assignor.)
- Sewell, Theodore C., Portland, Oreg. Sugar dispenser. 1,920,895; Aug. 1.
- Sexauer, J. A., Mfg. Co. (See Frantz, Grover C., assignor.)
- Sexton, George A., Winchester, Mass. Jacketed measuring can. 1,907,884; May 9.
- Sexton, Isaac E., Winchester, Mass. Container. 1,937,987; Dec. 5.
- Sexton Manufacturing Company. (See Rambo, James H., assignor.)
- Sexton, Roy W., Wytheville, Va. Ornamental fabric and production. 1,926,918; Sept. 12.
- Sexton, Thomas J., Henryetta, Okla. Drinking fountain. 1,894,573; Jan. 17.
- Seybold, Frederick W., Dayton, assignor to Harris, Seybold, Potter Company, Cleveland, Ohio. Cutting and creasing press. 1,938,724; Dec. 12.
- Seybold, Frederick W., Dayton, assignor to Harris, Seybold, Potter Company, Cleveland, Ohio. Cutting and creasing machine. 1,938,725; Dec. 12.
- Seybold, Harvey L. (See Seybold, Robert C. and H. L.)
- Seybold, Robert C. and H. L., Cincinnati, Ohio. Wrapping sheet. 1,939,794; Dec. 19.
- Seyffert, Eduard, Dusseldorf, Germany. Rotary drying drum. 1,910,263; May 23.
- Seyfried, Ernst H., assignor to Firm Astrawerke Aktien-gesellschaft, Chemnitz, Germany. Totalizer selecting means. 1,910,716; May 23.
- Seyl, Joseph C., Evanston, Ill. Filing device. 1,937,098; Nov. 28.
- Seymour, Almeric W., Los Angeles, Calif. Protective coating. 1,893,599; Jan. 10.
- Seymour, Arthur E., Alhambra, Calif. Manufacturing oleo-margarine or butter substitute. 1,934,564; Nov. 7.
- Seymour, Edward D., Westfield, N. J., assignor to Vacuum Oil Company, Inc., New York, N. Y. Filter press. 1,926,115; Sept. 12.
- Seymour, George W. (See Moss, W. H., and Seymour.)
- Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Cellulosic article and preparing the same. 1,918,294; July 18.
- Seymour, John K., assignor to A. J. Curren, Elyria, Ohio. Game device. 1,939,142; Dec. 12.
- Seymour Manufacturing Company. (See Birge, Stanley J., assignor.)
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photographic process. 1,897,866; Feb. 14.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photographic material. 1,900,869; Mar. 7.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color process. 1,900,870; Mar. 7.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Copying color records. 1,912,661; June 6.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Colored screening layer for sensitive photographic elements. 1,921,545; Aug. 8.
- Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reversal process. 1,939,231; Dec. 12.
- Seymour, Morgan M., Carmel, N. Y. Spark plug. 1,926,183; Sept. 12.
- Sguerso, John, Brooklyn, N. Y. Permanent waving. 1,894,964; Jan. 24.

- Shackelford, Orie, Fairmont, W. Va., assignor to Hartford-Empire Company, Hartford, Conn. Stacker for glassware annealing leer. 1,911,093; May 23.
- Shadburn, James L., and J. H. McMurray, Buford, Ga. Tractor. 1,922,460; Aug. 15.
- Shadle, Clinton F., Watertown, N. Y. Apparatus for conditioning air. 1,909,227; May 16.
- Shadlowsky, Joseph, Passaic Park, N. J. Button. Des. 90,459; Aug. 8.
- Shadlowsky, Joseph, Passaic Park, N. J. Button. Des. 90,686; Sept. 12.
- Shadlowsky, Joseph, Passaic Park, N. J., assignor to B. Blumenthal & Co. Inc., New York, N. Y. Button. Des. 89,268; Feb. 14.
- Shadlowsky, Joseph, Passaic Park, N. J., assignor to B. Blumenthal & Co. Inc., New York, N. Y. Button. Des. 89,288; Feb. 14.
- Shaeffer, Edward J., G. W. Watts, E. P. Brown, Whiting, Ind., and R. E. Wilson, Chicago, Ill., assignors to Standard Oil Company, Whiting, Ind. Drilling pressure converted products by contained heat. 1,924,520; Aug. 29.
- Shafer, Alvin O., Kalamazoo, Mich. Clamp for saws and the like. 1,905,512; Apr. 25.
- Shafer Bearing Corporation. (See Hoover, Ray B., assignor.)
- Shafer, George E., assignor to Rickert-Schafer Company, Erie, Pa. Die. 1,936,274; Nov. 21.
- Shafer, Ira C., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Supporting device. 1,939,086; Dec. 12.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Lock. 1,897,594; Feb. 14.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Safety support for brake beams. 1,923,120; Aug. 22.
- Shafer, James A., East Cleveland, assignor to National Malleable & Steel Castings Co., Cleveland, Ohio. Car truck. 1,936,645; Nov. 28.
- Shafer, Samuel, Jr., assignor to Chain Belt Company, Milwaukee, Wis. Agitating attachment for vehicle bodies. 1,894,475; Jan. 17.
- Shafer, Samuel, Jr., assignor to Chain Belt Company, Milwaukee, Wis. Brake-control mechanism for concrete mixing and other machines. 1,899,167; Feb. 28.
- Shafer, Samuel, Jr., assignor to Chain Belt Company, Milwaukee, Wis. Trolley conveyer. 1,901,850; Mar. 14.
- Shaff, Ernest H., assignor to W. H. Keller, Inc., Grand Haven, Mich. Rotary machine. 1,913,003; June 6.
- Shaff, Ernest H., assignor to W. H. Keller, Inc., Grand Haven, Mich. Pressure fluid operated tool. 1,924,812; Aug. 29.
- Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Portable tool. 1,940,024; Dec. 19.
- Shaffer, Charles H., assignor of one-half to (Mrs.) F. Laurene Woods, Carlisle, Pa. Seesaw. 1,939,927; Dec. 19.
- Shaffer, Charles L., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window sash construction. 1,908,270; May 9.
- Shaffer, Ernest L., Vinton, Iowa. Swinging door mechanism. 1,915,205; June 20.
- Shaffer, Glenn A., and F. H. Wirtz, assignors to Fort Howard Paper Company, Green Bay, Wis. Paper roll support. 1,908,562; May 9.
- Shaffer, Glenn A., and F. H. Wirtz, assignors to Fort Howard Paper Company, Green Bay, Wis. Packaging machine. 1,913,727; June 13.
- Shaffer, William D. (See McCabe, Otho L., assignor.)
- Shaffer, William D., et al. (See Swanson, Albert, assignor.)
- Shaffer, William D., Brea, Calif. Multicap casing head. 1,900,260; Mar. 7.
- Shaffer, William D., Brea, Calif. Casing head for oil wells. 1,925,406; Sept. 5.
- Shaffner, Henry F., assignor to Briggs-Shaffner Company, Winston-Salem, N. C. Yarn printing machine. 1,930,986; Oct. 17.
- Shaffner, Meldon A., Milwaukee, Wis. Heel clamping device. 1,938,196; Dec. 5.
- Shaffner, Samuel C., Chicago, Ill. Washing machine. 1,903,564; Apr. 11.
- Shaffrey, John H. (See Topping, John A., assignor.)
- Shafirin, John M. (See Schwartz, M. B., and Shafirin.)
- Shaft, Willis S., Faribault, Minn. Spring heel seat. 1,920,112; July 25.
- Shagaloff, Harry C., Evansville, Ind., assignor to Electro-lux Seryl Corporation, New York, N. Y. Intermittent absorption refrigerating system. 1,936,039; Nov. 21.
- Shahan, John L., Chicago, Ill. Tie means for masonry construction. 1,932,490; Oct. 31.
- Shailer, Philip B., and H. P. Troendly, assignors to The Wm. D. Gibson Company, Chicago, Ill. Cutting device. 1,939,283; Dec. 12.
- Shakeproof Lock Washer Company. (See Hosking, Richard T., assignor.)
- Shakeproof Lock Washer Company. (See Olson, Carl G., assignor.)
- Shakeproof Lock Washer Company. (See Trotter, George C., assignor.)
- Shakespeare Company. (See Bechtel, W. D., and Dean, assignors.)
- Shakespeare Company. (See Burdick, Frank, assignor.)
- Shakespeare Company. (See Russell, S. G., and Clickner, assignors.)
- Shakespeare Company. (See Shakespeare, William, Jr., assignor.)
- Shakespeare Products Company. (See Kai, L. H., and Weber, assignors.)
- Shakespeare Products Company. (See Potter, Rossiter R., assignor.)
- Shakespeare, William, Jr. (See Bock, Charles D., assignor.)
- Shakespeare, William, Jr., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 1,903,559; Apr. 11.
- Shaler, David M., Platte City, Mo. Cereal cutting machine. 1,916,773; July 4.
- Shaler, William T., Silver Creek, N. Y. Sack packer. 1,924,202; Aug. 29.
- Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Sintering machine. 1,902,911; Mar. 28.
- Shaloum, Elie, and J. Matalon, assignors to S. & S. Cone Corporation, New York, N. Y. Ice cream cone machine. 1,924,463; Aug. 29.
- Shamberger, John P., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Center-axle drive for locomotives. 1,916,391; July 4.
- Shambow Shuttle Company. (See Fuller, Emil E., assignor.)
- Shanck, Roy B., Douglas Manor, N. Y., assignor to American Telephone and Telegraph Company. Improving contact operation. 1,930,627; Oct. 17.
- Shand, Errol B., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Mercury-arc-rectifier cathode construction. 1,929,656; Oct. 10.
- Shand, Reginald C., Berkeley, Calif. Valve. 1,897,076; Feb. 14.
- Shanesy, Leo W., et al. (See Carver, Vern E., assignor.)
- Shank, Charles L., North Canton, Ohio, assignor to The Hoover Company. Suction cleaner agitator. 1,894,361; Jan. 17.
- Shank, Edwin A., New Rochelle, N. Y. Folding tire display holder. 1,901,475; Mar. 14.
- Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Underground oil-filled cable. 1,933,347; Oct. 31.
- Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Semibalanced pressure system for fluid filled cables. 1,933,348; Oct. 31.
- Shanklin Manufacturing Co. (See Horsley, James H., assignor.)
- Shanklin, Vern E., Dallas, Tex. Masonry facing construction. 1,896,188; Feb. 7.
- Shanley, Catherine E., Allston, Mass. Tongue scraper and cleaner. 1,893,524; Jan. 10.
- Shanley, Connor B., St. Louis, Mo. Expansion joint-structure for pavements, floors, and the like. 1,928,302; Sept. 26.
- Shanley, Joseph S., Newark, and H. T. Turner, Elizabeth, N. J. Building construction. 1,910,264; May 23.
- Shannahan, Eleanor, Easton, Md. Aquatic toy. 1,918,874; July 18.
- Shannon, Ernest H., Globe, Ariz. Stereopticon machine. 1,927,222; Sept. 19.
- Shannon, James L., Longmeadow, Mass., assignor, by mesne assignments, to French Battery Company, Madison, Wis. Battery hand lamp, or flash light. 1,893,108; Jan. 3.
- Shannon, James L., Longmeadow, Mass., assignor, by mesne assignments, to French Battery Company, Madison, Wis. Electric flash-light. 1,902,590; Mar. 21.
- Shannon, James L., assignor, by mesne assignments, to Blake Manufacturing Corporation, Springfield, Mass. Electric hand flash light. 1,922,332; Aug. 15.
- Shannon, Samuel, et al. (See Leas, Warren R., assignor.)
- Shanon, Edgar E., assignor to The Petroleum Iron Works Co. of Ohio, Sharon, Pa. Shipping drum. 1,906,205; Apr. 25.
- Shanon, Edgar E., and K. W. Marderstack, assignors to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Sealing open head drums. 1,929,375; Oct. 3.
- Snantz, Allan B., Toronto, Ontario, Canada. Hydraulic brake. 1,896,103; Feb. 7.
- Shape, Gustave A., Madison, Wis. Antiglare shield for windshields. 1,913,961; June 13.
- Shapiro, Abraham. (See Monson, A. A., and Shapiro.)
- Shapiro, Abraham, assignor to Universal Stamping & Mfg. Co., Chicago, Ill. Cinematograph for sound films. 1,918,569; July 18.
- Shapiro, Alexander. (See Schwartz, M., and Shapiro.)
- Shapiro, Joseph. (See Balton, James, assignor.)
- Shapiro, Lazarus, Bronx, N. Y., assignor to Radio Corporation of America. Radio receiving apparatus. 1,907,594; May 9.
- Shapiro, Peter, New York, N. Y. Street marker. 1,896,920; Feb. 7.
- Shapiro, S., Co. Inc. (See Maraniss, Rebecca S., assignor.)
- Shapiro, Theodore, Brooklyn, assignor to Ruby Lamp Mfg. Co., Inc., New York, N. Y. Lamp or similar article. Des. 90,265; July 4.
- Shapleigh, James H., Mount Lakes, N. J., assignor to Hercules Powder Company, Wilmington, Del. Method of and apparatus for concentrating nitric acid. 1,895,492; Jan. 31.

- Sharaf, Ralph M., assignor, by mesne assignments, to Ezekiel Wolf, Boston, Mass. Displaying rugs. 1,940,820; Dec. 26.
- Share, Barnett, Bronx, N. Y. Well point. 1,915,136; June 20.
- Shareck, Adam. (See Gunby, Percy D., assignor.)
- Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Counting and bunching device. 1,901,062; Mar. 14.
- Sharkey, William E., assignor to The Raymond Bag Company, Middletown, Ohio. Bag sewing machine. 1,915,765; June 27.
- Sharma, Jagan N., assignor to Food Machinery Corporation, San Jose, Calif. Canning vegetables. 1,908,795; May 16.
- Sharon Steel Hoop Company. (See Marsh, H. S., and Wesner, assignors.)
- Sharon Steel Hoop Company. (See Renkin, Robert F., assignor.)
- Sharon Steel Hoop Company. (See Sargent, James A., assignor.)
- Sharp, Allen W., assignor to Johnson Pressed Gear Co., Ottumwa, Iowa. Automatic take-up for shaft bearings. 1,923,399; Aug. 22.
- Sharp, Clayton H., White Plains, N. Y. Apparatus for the matching of colors. 1,898,219; Feb. 21.
- Sharp, Elwood A., Detroit, C. C. Sturgis, and R. Isaacs, Ann Arbor, Mich., assignors to The Regents of the University of Michigan. Therapeutic extract. 1,937,133; Nov. 28.
- Sharp, Frederick L. (See Rodd, E. H., and Sharp.)
- Sharp, Jefferson M., Oil City, Pa. Coupler for toy railway cars. 1,900,204; Mar. 7.
- Sharp, John C., Chattanooga, Tenn., assignor to Nathan Manufacturing Company, New York, N. Y. Trunnion for locomotive valve motions. 1,905,309; Apr. 25.
- Sharp, John E. (See Horner, G. W., and Sharp.)
- Sharp, L. Alan, Avalon, Pa., assignor to National Electric Products Corporation, New York, N. Y. Marble ring holder for outlet boxes. 1,921,170; Aug. 8.
- Sharp, L. Alan, Avalon, Pa., assignor to National Electric Products Corporation, New York, N. Y. Multiple junction box. 1,925,849; Sept. 5.
- Sharp, L. Alan, Avalon, Pa., assignor to National Electric Products Corporation, New York, N. Y. Floor fitting for underfloor duct systems. 1,934,280; Nov. 7.
- Sharp, L. Alan, Avalon, and J. M. G. Fullman, Sewickley, assignors to National Electric Products Corporation, Pittsburgh, Pa. Support for ducts. 1,908,067; May 9.
- Sharp, Paul F., assignor to Cornell University, Ithaca, N. Y. Egg preservation. 1,922,143; Aug. 15.
- Sharp, Richard A., assignor to Milwaukee Reliance Boiler Works, Milwaukee, Wis. Steam generating boiler. 1,940,973; Dec. 26.
- Sharp, Robert E. B., Philadelphia, Pa., assignor to I. P. Morris and De La Vergne, Inc. Governor system. 1,913,516; June 13.
- Sharp, Robert E. B., Philadelphia, Pa., assignor to I. P. Morris & De La Vergne, Incorporated. Apparatus for controlling leakage in hydraulic machines. 1,938,936; Dec. 12.
- Sharp, Robert H., Chicago, Ill. Container construction for cosmetics. 1,923,755; Aug. 22.
- Sharp, William E., Chicago, Ill. Lock nut and process of making. 1,902,912; Mar. 28.
- Sharp, William E., Chicago, Ill. Manufacture of nuts. 1,937,253; Nov. 28.
- Sharp, William W., Saratoga, assignor of one-half to H. E. Smith, San Jose, Calif. Cigarette. 1,926,564; Sept. 12.
- Sharpe, Arthur H., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,938,868; Dec. 12.
- Sharpe, Harry, Boston, assignor to Arthur B. Marsh, trustee, Melrose, Mass. Machine for molding articles. 1,919,807; July 25.
- Sharples, Arthur E., New York, N. Y. Making ferric hydroxide and resulting products. 1,913,962; June 13.
- Sharples Solvents Corporation, The. (See Vallee, Robert R., assignor.)
- Sharples Solvents Corporation, The. (See Wilson, Melville M., assignor.)
- Sharples Specialty Company, The. (See Ambler, Charles M., jr., assignor.)
- Sharples Specialty Company, The. (See Clark, Lee H., assignor.)
- Sharples Specialty Company. (See James, Edward M., assignor.)
- Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
- Sharpnack, Frank A., assignor of one-half to B. A. Hathaway, and W. B. Fox, Chicago, Ill. Spark plug. 1,941,279; Dec. 26.
- Sharpnack, George, assignor to Program Service Company, Lincoln, Nebr. Coin controlled circuit control. 1,933,686; Nov. 7.
- Sharpville Boiler Works Co. (See Fagan, C. D., Ehrlich, and Swank, assignors.)
- Sharpville Boiler Works Co. (See Fagan, C. D., and Swank, assignors.)
- Sharpville Boiler Works Co. (See Swank, Rehl W., assignor.)
- Shaver, Archibald G., Chicago, Ill. Traffic control system. 1,913,728; June 13.
- Shaver, Archibald G., Chicago, Ill. Traffic control system. 1,913,729; June 13.
- Shaver, Archibald G., Chicago, Ill., and F. M. Rosenzweig, Niagara Falls, assignors to The Kegan Safety Devices Company, Inc., New York, N. Y. Train control system. 1,899,116; Feb. 28.
- Shaver, Arthur, Oak Park, Ill., and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 1,910,265; May 23.
- Shaver, George D., Kalamazoo, Mich., assignor to The Therminsul Corporation of America, Boston, Mass. Waterproof and water-repellent insulation. 1,940,974; Dec. 26.
- Shaver, George D., Kalamazoo, Mich., assignor to The Therminsul Corporation of America, Boston, Mass. Apparatus for producing mineral wool. 1,940,975; Dec. 26.
- Shaver, Peter A., Ottawa, Ontario, Canada. Device for making relief maps from contour maps. 1,907,250; May 2.
- Shaw, Anne S., Chestnut Hill, assignor of one-half to J. P. Croasdale, jr., Berwyn, Pa. Combined container and stirrer. 1,926,655; Sept. 12.
- Shaw, Arthur L., assignor to Chicago Automatic Conveyor Co., Cicero, Ill. Conveyor. 1,931,037; Oct. 17.
- Shaw, Arthur W., Cambridge, Mass. Side arm cushion. 1,902,730; Mar. 21.
- Shaw, Burton E. (See Lapp, Edward, Wolpert, and Shaw.)
- Shaw, Cecil, Grangemouth, and J. Thomas, Polmont, Scotland, assignors to Imperial Chemical Industries Limited. Production of dyestuffs of the anthraquinone series. 1,915,871; June 27.
- Shaw, Cecil, and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Production of dyestuffs and intermediates. 1,937,718; Dec. 5.
- Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Article with associated plunger rod. 1,905,425; Apr. 25.
- Shaw, Harry A. (See Birch, Fred W., assignor.)
- Shaw, Harry A. (See Schebera, E., and Shaw.)
- Shaw, Harry E., Grand Rapids, Mich. Display stand. Des. 90,386; July 25.
- Shaw, Harry E., Grand Rapids, Mich. Display stand. Des. 90,511; Aug. 15.
- Shaw, Harry J., Toledo, Ohio. Concrete delivery. 1,894,129; Jan. 10.
- Shaw, James F., J. M. Donnelly, J. Smart, and J. Johnston, Clinton, Mass., assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Pile fabric. 1,927,810; Sept. 19.
- Shaw, John A. (See Harding, C. P., and Shaw.)
- Shaw, John C. and R. D. Hartford, Conn., assignors, by mesne assignments, to Pratt & Whitney Company, Cam grinding machine. Re18,733; Feb. 14.
- Shaw, John C. and R. D. Brooklyn, N. Y., assignors to Pratt & Whitney Company, Hartford, Conn. Electrical feed for planers. 1,918,990; July 18.
- Shaw, John C. and R. D. Brooklyn, N. Y., assignors to Pratt & Whitney Company, Hartford, Conn. Cam cutting machine compensating means. 1,924,003; Aug. 22.
- Shaw, John C. and R. D. Brooklyn, N. Y., assignors to Pratt & Whitney Company, Hartford, Conn. Locking device for machine tool worktables. 1,930,567; Oct. 17.
- Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Separable knob lock. 1,892,709; Jan. 3.
- Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Lock. 1,902,343; Mar. 21.
- Shaw, John P., Portsmouth, Va. Free-reeling fishing reel. 1,897,499; Feb. 14.
- Shaw, John W., San Francisco, Calif. Gearless transmission. 1,894,574; Jan. 17.
- Shaw, John W., Norwood, N. J. Table construction. 1,927,050; Sept. 19.
- Shaw, Joseph, Hastings upon Hudson, assignor to Paramount Publix Corporation, New York, N. Y. Reproduction of sound. 1,939,726; Dec. 19.
- Shaw, Joseph A. (See Sperr, F. W., jr., and Shaw.)
- Shaw, Joseph A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Treating liquid containing tar acid. 1,928,507; Sept. 26.
- Shaw, Joseph A., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Treatment of gas. 1,936,862; Nov. 28.
- Shaw, Lloyd, Colorado Springs, Colo. Balancing coaster wagon with airplane controls. 1,895,737; Jan. 31.
- Shaw, Louis A. (See Drinker, P., and Shaw.)
- Shaw, Louis E., East Orange, N. J., assignor to Adartcraft, Incorporated, New York, N. Y. Steel rule die. 1,894,641; Jan. 17.
- Shaw, Louis E., East Orange, N. J., assignor to J. S. Stokes, Spring Valley Farms, Pa. Molding. 1,916,495; July 4.
- Shaw, Louis E., East Orange, N. J., assignor to J. S. Stokes, Spring Valley Farms, Pa. Molding apparatus. 1,919,534; July 25.
- Shaw, Martin, Fenham Carr, Lancaster, England. Comb for the hair. 1,921,328; Aug. 8.
- Shaw, Maurice E., Los Angeles, Calif. Easy lift sanitary flower container. 1,899,400; Feb. 28.
- Shaw, Milton M., assignor to New York Merchandise Co., Inc., New York, N. Y. Comb and accessories therefor. 1,904,090; Apr. 18.
- Shaw, Percy G., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 1,919,990; July 25.
- Shaw-Perkins Manufacturing Company. (See Davis, A. H., jr., and Winsborough, assignors.)

- Shaw, Portis P., St. Louis, Mo. Lubricating device. 1,917,605; July 11.
- Shaw, Robert A., Detroit, Mich. Safety curtain for presses. 1,919,868; July 25.
- Shaw, Robert D. (See Shaw, John C. and R. D.)
- Shaw, Roy D., Elsinore, Calif. Inner wrap paper holder. 1,927,718; Sept. 19.
- Shaw, Thomas R., Minneapolis, Minn. Reading stand. 1,910,505; May 23.
- Shaw, Virgil F. (See Sams, J. A., and Shaw.)
- Shaw, Virgil F., Scotia, N. Y., assignor to General Electric Company. Magnetic detector. 1,906,820; May 2.
- Shaw-Walker Company, The. (See Bourdon, Russell G., assignor.)
- Shaw-Walker Company. (See Hunter, David E., assignor.)
- Shaw, Wesley J., Haverhill, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Wood-heel machine. 1,897,680; Feb. 14.
- Shaw, Wesley J., Haverhill, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Guard for wood heel turning machines. 1,901,063; Mar. 14.
- Shaw, Wesley J., Haverhill, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Centering device for heel blocks. 1,907,678; May 9.
- Shaw, Wesley J., Haverhill, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Wood-heel machine. 1,930,599; Oct. 17.
- Shaw, William N., assignor of two-thirds to A. G. Stanton and G. F. Laing, Fargo, N. Dak. Remote radio control. 1,925,991; Sept. 5.
- Shaw, Wilson W. (See Bloomdahl, A. G., and Shaw.)
- Shawhan, Thomas G., Kansas City, Kans. Humidifying unit for cold storage compartments. 1,927,852; Sept. 26.
- Shawl, Joseph F., Oakland, Calif. Advertising golf course. 1,922,333; Aug. 15.
- Shawmut Engineering Company. (See Hathaway, Edgar F., assignor.)
- Shawmut Engineering Company. (See Hathaway, E. F., and Bixby, assignors.)
- Shay, Edgar, Pleasant Ridge, assignor to Chrysler Corporation, Detroit, Mich. Antishimmying structure for vehicles. 1,905,513; Apr. 25.
- Shea, Bernard F., Brooklyn, N. Y. Golf practice apparatus. 1,936,143; Nov. 21.
- Shea, Elizabeth C. (See La Paugh, L. T., and Shea.)
- Shea, John R., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire drawing apparatus. 1,932,491; Oct. 31.
- Shea, Timothy E., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loading system. 1,821,431; Aug. 8.
- Sheaffer, Craig R., and W. R. Cuthbert, assignors to W. A. Sheaffer Pen Co., Fort Madison, Iowa. Pencil. 1,900,669; Mar. 7.
- Sheaffer, W. A., Pen Co. (See Cuthbert, William R., assignor.)
- Sheaffer, W. A., Pen Company. (See Lindemon, William H., assignor.)
- Sheaffer, W. A., Pen Co. (See Sheaffer, C. R., and Cuthbert, assignors.)
- Sheard, Joseph H. (See Pollock, B. H., and Sheard.)
- Sheard, Joseph H., assignor to David Lupton's Sons Company, Philadelphia, Pa. Pivot window. 1,896,057; Jan. 31.
- Sheard, Joseph H., assignor to David Lupton's Sons Company, Philadelphia, Pa. Casement sash operating means. 1,913,343; June 6.
- Sheard, Joseph H., Philadelphia, and B. H. Pollock, Jen-tintown, assignors to David Lupton's Sons Company, Philadelphia, Pa. Window. 1,929,059; Aug. 29.
- Shearer, Douglas G., Santa Monica, assignor to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Producing foreign versions of motion picture plays. 1,936,885; Nov. 28.
- Shearer, Douglas G., Santa Monica, assignor to Metro-Goldwyn-Mayer Corporation, Culver City, Calif. Studio technique. 1,936,886; Nov. 28.
- Sheaver, Harry T., and C. A. Reimschuessel, assignors to Landis Machine Company, Waynesboro, Pa. Die head. 1,894,296; Jan. 17.
- Shearer, John P. (See Klefeker, C. B., and Shearer.)
- Shearer, Ray R., Cleveland, Ohio. Article of furniture. 1,917,554; July 11.
- Shearman, George F., assignor of one-half to J. D. Newton, Chicago, Ill. Fastening device. 1,918,936; July 18.
- Shears, Reginald S., Bromley, England. Stand for displaying confectionery and the like. 1,937,443; Nov. 28.
- Shedd, Hugh F., Minneapolis, Minn. Perpetual calendar. 1,907,261; May 2.
- Shedd, Hugh F., Minneapolis, Minn. Calendar. 1,925,465; Sept. 5.
- Shee, Parke L., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable. 1,904,887; Apr. 18.
- Sheedy, John, Seattle, Wash. Traffic signal. 1,926,501; Sept. 12.
- Sheehan, John D. (See Houlihan, W. J., and Sheehan.)
- Sheehan, Thomas C., Upper Montclair, N. J., assignor to Wade & Butcher Corporation. Finish honing machine for razor blades. 1,907,595; May 9.
- Sheehan, Thomas C., Upper Montclair, N. J., assignor to Wade & Butcher Corporation. Stropping machine for razor blades. 1,915,477; June 27.
- Sheehan, Thomas C., Upper Montclair, N. J., assignor to Wade & Butcher Corporation. Grinding machine for razor blades. 1,915,478; June 27.
- Sheehan, Thomas C., Upper Montclair, N. J., assignor to Wade & Butcher Corporation. Rough honing machine for razor blades. 1,937,795; Dec. 5.
- Sheehan, Wallace. (See Lane, George S., assignor.)
- Sheehan, Wallace, trustee. (See Lane, George S., assignor.)
- Sheehan, William M. (See Lentz, W. L., and Sheehan.)
- Sheehan, William M. (See Pfleger, H. M., and Sheehan.)
- Sheehan, William M., St. Louis, Mo., and W. S. McGilvray, assignors to General Steel Castings Corporation, Granite City, Ill. Car truck. 1,902,974; Mar. 28.
- Sheel, Harold. (See Blount, H., and Sheel.)
- Sheeler, Walter L., Vancouver, British Columbia, Canada. Low pressure flotation cell. 1,916,020; June 27.
- Sheeler, Walter L., Vancouver, British Columbia, Canada. Flotation cell structure. 1,932,089; Oct. 24.
- Sheeley, Howard F., Michigan City, Ind. Adjustable reel. 1,899,117; Feb. 28.
- Sheeres, John W. (See Wehr, A. J., Sheeres, and Eliot.)
- Sheesley, Horace A., Portland, Me., assignor to Continental Paper & Bag Corporation, New York, N. Y. Creping machine. 1,911,001; May 23.
- Sheets, Robert W., et al. (See Abraham, Hiram T., assignor.)
- Sheffer, Elmer L., Duboisstown, Pa. Luggage carrier. 1,906,920; May 2.
- Sheffer, Irving H., Detroit, Mich. Feed collet. 1,908,000; May 9.
- Sheffield, John R., Jr., assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sand washer. 1,938,937; Dec. 12.
- Sheffield, Samuel, Shelman, Ga. Ironing board. 1,911,327; May 30.
- Sheffield Steel Corporation. (See Gronemeyer, H. W., and Herbster, assignors.)
- Sheffield Steel Corporation. (See Scott, Thomas T., assignor.)
- Sheffield Steel Corporation. (See Williams, William H., assignor.)
- Sheffer, Russel N. and W. J., Los Angeles, Calif. Game apparatus. 1,915,452; June 27.
- Sheffer, William J. (See Sheffer, Russel N. and W. J.)
- Sheffel, Abraham G., New York, N. Y. Colorimeter. 1,916,589; July 4.
- Shelan, William E., and G. Bell, Los Angeles, Calif. Wind wing mounting. 1,939,727; Dec. 19.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,316; Feb. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,317; Feb. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,318; Feb. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,514; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,515; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,516; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,517; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,518; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,519; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater or similar article. Des. 89,520; Mar. 21.
- Sheindelman, Samuel, Lawrence, N. Y. Sweater. 1,901,537; Mar. 14.
- Sheinman, Nathan. (See Endelson, Jack, assignor.)
- Shelby Metal Products Company. (See Hoffman, Laurence N., assignor.)
- Shelby, William, Eastwood, Ontario, Canada. Egg crate. 1,916,642; July 4.
- Sheldon, Edgar H., Muskegon, Mich. Desk structure. 1,892,813; Jan. 3.
- Sheldon, Howard W., East Orange, N. J., assignor, by mesne assignments, to Vacuum Oil Company, Inc., New York, N. Y. Distilling apparatus. 1,926,116; Sept. 12.
- Sheldon Machinery Corporation. (See Fortune, James C., assignor.)
- Sheldon Machinery Corporation. (See Sheldon, Waldo, assignor.)
- Sheldon, Roscoe V., Riverside, Calif. Price marker. 1,900,136; Mar. 7.
- Sheldon, Virgil, et al. (See Sprague, Joseph J. and E. W., assignors.)
- Sheldon, Waldo, South Norwalk, Conn. Drilling machinery. 1,904,256; Apr. 18.
- Sheldon, Waldo, South Norwalk, Conn., assignor to Sheldon Machinery Corporation, New York, N. Y. Well drilling apparatus. 1,900,135; Mar. 7.
- Shelhamer, Lester W., Oak Park, assignor to Carey Brick Company, Chicago, Ill. Building brick kiln arches. 1,912,662; June 6.
- Shell Development Company. (See Ashley, C. C., and Steele, assignors.)
- Shell Development Company. (See Davissan, D. W., and Welke, assignors.)

- Shell Development Company. (See Deanesly, Richard M., assignor.)
- Shell Development Company. (See de Ong, Elmer R., assignor.)
- Shell Development Company. (See de Simo, Martin, assignor.)
- Shell Development Company. (See Engs, W., and Moravec, assignors.)
- Shell Development Company. (See Groll, Herbert P. A., assignor.)
- Shell Development Company. (See Malishev, Boris, assignor.)
- Shell Development Company. (See Millar, Russell W., assignor.)
- Shell Development Company. (See Pyzel, Daniel, assignor.)
- Shell Development Company. (See Pyzel, Frederic M., assignor.)
- Shell Development Company. (See Retailiau, Edmond, assignor.)
- Shell Development Company. (See Rosenstein, Ludwig, assignor.)
- Shell Development Company. (See Rosenstein, L., and Hund, assignors.)
- Shell Development Company. (See Swerssen, Herman T., assignor.)
- Shell Development Company. (See van Heurn, Frans C., assignor.)
- Shell Development Company. (See Voogt, George, assignor.)
- Shell Development Company. (See Whitney, Gary M., assignor.)
- Shell Development Company. (See Williams, E. C., and Groll, assignors.)
- Shell-Mex, Limited. (See Richardson, Arthur W., assignor.)
- Shell Oil Company. (See Alden, Herbert O., assignor.)
- Shell Oil Company. (See Bond, Lewis A., assignor.)
- Shell Oil Company. (See Burrell, L., and West, assignors.)
- Shell Oil Company. (See Gilbert, Walton E., assignor.)
- Shell Perforating Company. (See Shull, Daniel L., assignor.)
- Shell Petroleum Corporation. (See Bodine, Eugene S., assignor.)
- Shell Petroleum Corporation. (See Durward, Eric S., assignor.)
- Shell Petroleum Corporation. (See Jones, Frank A., assignor.)
- Shell Petroleum Corporation. (See Smith, Sydney S., assignor.)
- Shell Petroleum Corporation. (See Tijmstra, Sijbren, assignor.)
- Shelderslee, Harry, Fairview, Ill. Dust eliminator. 1,936,527; Nov. 21.
- Sheldrick, Laurence S., assignor to Ford Motor Company, Dearborn, Mich. Brake cross shaft mounting. 1,937,988; Dec. 5.
- Sheldrick, Laurence S., assignor to Ford Motor Company, Dearborn, Mich. Starter gear. 1,937,989; Dec. 5.
- Shellenberger, Rolfe. (See Bailey, E. G., and Shellenberger.)
- Sheller, Samuel H., Marion, Pa., assignor of one-half to G. R. Hamlin, Washington, D. C. Packing fruit. 1,924,053; Aug. 22.
- Shelley, Guy J., Mesa, Ariz. Assembling clutch parts. 1,941,022; Dec. 26.
- Shelley, John E., Emporium, Pa. Bipolar selector switch. 1,939,369; Dec. 12.
- Shellmar Products Company. (See Gurwick, Irving, assignor.)
- Shellmar Products Company. (See Miller, Walter K., assignor.)
- Shellmar Products Company. (See Rosen, Shy, assignor.)
- Shellmar Products Company. (See Stoessel, Max, assignor.)
- Shelor, Frederick L., assignor to Innovation Brakes Inc., Richmond, Va. Vacuum controlled braking mechanism for motor operated vehicles. 1,937,444; Nov. 28.
- Shelton, Cora W., et al. (See Vaughn, Pirl F., assignor.)
- Shelton, Dothan L., Amarillo, Tex., and G. T. Shelton, Bradley, Ark. Typewriting machine. 1,932,914; Oct. 31.
- Shelton, Gurst T. (See Shelton, Dothan L. and G. T.)
- Shelton, Herbert E., Hamburg, Iowa. Newspaper receiver. 1,921,889; Aug. 8.
- Shelton, Roy M., Sioux City, assignor to J. W. Malmquist, Aberdeen, S. Dak. Extensible automobile trunk. 1,893,753; Jan. 10.
- Shelton, Thomas M. (See Holmes, E. R., and Shelton.)
- Shelton, W. G., Company. (See Shelton, William G., assignor.)
- Shelton, Wilbur N., Wellesley, Mass. Coated sheet material presenting an inflated pebbled surface and making the same. 1,918,937; July 18.
- Shelton, William G., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Producing serrated edges. 1,911,974; May 30.
- Shelton, William G., assignor to W. G. Shelton Company, St. Louis, Mo. Apparatus for waving hair. 1,937,599; Dec. 5.
- Shelvoke & Drewry Limited. (See Drewry, James S., assignor.)
- Shenandoah Manufacturing Company. (See Martin, Perry S., assignor.)
- Shepard, George F., Bethel, Conn. Adjustable combination awning and shutter. 1,905,514; Apr. 25.
- Shepard, Ralph H. (See Zouck, G. H., and Shepard.)
- Shepherd, Chester G., Freeport, Ill. Article delivery device. 1,902,669; Mar. 21.
- Shepherd, Francis J. (See Baxenden, T. G., and Shepherd.)
- Shepherd, Frank. (See Monroe, S. G., and Shepherd.)
- Shepherd, John E., assignor to National Cold Steam Company, Charlottesville, Va. Treating food-carrying vehicles. 1,934,826; Nov. 14.
- Shepherd, Ralph M., Belmont, Ohio, assignor of one-half to R. D. Shepherd, Scranton, Pa. Fencing tool. 1,929,567; Oct. 10.
- Shepherd, Richard. (See Holst, G., Shepherd, and van Lis.)
- Shepherd, Robert D. (See Shepherd, Ralph M., assignor.)
- Shepherd, Solomon W., Orlo Vista, Fla. Amusement device. 1,902,381; Mar. 21.
- Shepherdson, Arnold. (See Davidson, A., and Shepherdson.)
- Shepherdson, Arnold. (See Perkin, A. G., Shepherdson, and Haddock.)
- Shepherdson, Arnold, and W. W. Tatum, Blackley, Manchester, assignor to Imperial Chemical Industries Limited, London, England. Dyes of the anthraquinone series. 1,898,693; Feb. 21.
- Shepherdson, Arnold, and W. W. Tatum, Blackley, Manchester, assignor to Imperial Chemical Industries, Limited, London, England. Dyes of the anthraquinone series. 1,898,748; Feb. 21.
- Sheppard, Harry N., Maplewood, N. J., assignor to Scott and Williams, Incorporated, New York, N. Y. Pattern control mechanism for knitting machines. 1,907,409; May 2.
- Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitted stocking and making same. 1,932,292; Oct. 24.
- Sheppard, John R. (See Clapson, W. J., and Sheppard.)
- Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Optical cement. 1,921,948; Aug. 8.
- Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of cellulose esters. 1,921,949; Aug. 8.
- Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Nonfogging photographic packing materials. 1,921,950; Aug. 8.
- Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. X-ray intensifying screen. 1,925,546; Sept. 5.
- Sheppard, Samuel E., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Conditioning of cellulose derivative films. 1,908,546; May 9.
- Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose acetate and product thereof. 1,934,450; Nov. 7.
- Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Ultra-violet sensitive layers. 1,934,451; Nov. 7.
- Sheppard, Samuel E., and W. Vanselow assignors to Eastman Kodak Company, Rochester, N. Y. Chemigraphic materials. 1,939,232; Dec. 12.
- Sher, Robert M., Philadelphia, Pa. Counter chair or stool seat. 1,939,334; Dec. 19.
- Shera, John W., assignor to American Flange & Manufacturing Company, Chicago, Ill. Closure device. 1,901,196; Mar. 14.
- Shera, John W., assignor to American Flange & Manufacturing Company, Chicago, Ill. Seal for barrels and the like. 1,910,410; May 23.
- Shera, John W., assignor to American Flange & Manufacturing Company, Chicago, Ill. Tool. 1,910,411; May 23.
- Sheras, Morris, Manistee, Mich. Designating device. 1,918,570; July 18.
- Sheras, Morris, Manistee, Mich. Designating device. 1,918,571; July 18.
- Sherbondy, William E., Shaker Heights, Ohio. Combined clutch and driving pulley. 1,929,454; Oct. 10.
- Sherer-Gillett Company. (See Lenhart, William F., assignor.)
- Sherer, William T., Chicago, Ill., assignor, by mesne assignments, to Reuben E. Ottenheimer, Baltimore, Md. Antifogging device. 1,893,525; Jan. 10.
- Sheridan, James C., assignor to Associated Oil Company, San Francisco, Calif. Doll or similar article. Des. 90,214; June 27.
- Sheriff, Samuel, and H. J. Hitzfeldt, Wilkinsburg, Pa. Ice cream freezer. 1,922,784; Aug. 15.
- Sherin, Marcus L., Brookline, Mass. Fountain pen. 1,909,130; May 16.
- Sherlin, Edward C., assignor to W. B. Davis & Son, Fort Payne, Ala. Vertical stripper for circular ribbed knitting machines. 1,910,717; May 23.
- Sherman, Alvin G., Grosse Pointe, assignor to Detroit Vapor Stove Company, Detroit, Mich. Cabinet range or similar article. Des. 89,798; May 2.
- Sherman, Clarence S. (See Berliner, J. F. T., Kepfer, and Sherman.)

- Sherman, Curtis F., Hartford, Conn. Dicing machine. 1,918,059; July 11.
- Sherman, Curtis F., assignor to The Henry & Wright Manufacturing Company, Hartford, Conn. Drill press. 1,893,965; Jan. 10.
- Sherman, Donald W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Drafting table. 1,902,424; Mar. 21.
- Sherman, Elroy P., assignor to The Ashtabula Corrugated Box Company, Ashtabula, Ohio. Market basket. 1,931,329; Oct. 17.
- Sherman, Elroy P., assignor to The Ashtabula Corrugated Box Company, Ashtabula, Ohio. Market basket. 1,931,330; Oct. 17.
- Sherman, Francis H., Palmer, Mass. Packing means for fragile articles. 1,906,639; May 2.
- Sherman, Frank W., Jacksonville, Fla. Coin assorting and counting apparatus. 1,936,035; Nov. 21.
- Sherman, Gerald, Ashland, Pa. Apparatus for treating drill bits. 1,927,051; Sept. 19.
- Sherman, H. B., Manufacturing Company. (See Hanlan, Frederick, assignor.)
- Sherman, Irving, Brooklyn, N. Y. Siding or roofing construction. 1,925,939; Sept. 5.
- Sherman, James M., Ithaca, assignor to The Wilbur White Chemical Company, Owego, N. Y. Method of accelerating the propionic acid fermentation. 1,910,130; May 23.
- Sherman, James M., Ithaca, assignor to The Wilbur White Chemical Company, Owego, N. Y. Accelerating propionic fermentation. 1,937,672; Dec. 5.
- Sherman, John C., Gorham, Me. Package of razor blades. 1,909,429; May 16.
- Sherman, John Q. (See Metzner, Albert W., assignor.)
- Sherman, John Q., Dayton, Ohio. Manufacturing paper. 1,897,013; Feb. 7.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, assignors to The Standard Register Company. Manufacturing machine. 1,894,065; Jan. 10.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, assignors to The Standard Register Company. Electrical manifold. 1,896,032; Jan. 31.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, assignors, by direct and mesne assignments, to The Standard Register Company. Cash drawer manufacturing device. 1,921,890; Aug. 8.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, assignors to The Standard Register Company. Multiple cash-drawer machine. 1,930,434; Oct. 10.
- Sherman, Morris, New York, N. Y. Radio apparatus. 1,895,493; Jan. 31.
- Sherman, Rallston M., Glastonbury, and A. J. Gilbert, Windsor, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Fuel supply device for liquid fuel burners. 1,912,014; May 30.
- Sherman, Ralph P., and H. W. Fletcher, assignors to Hughes Tool Company, Houston, Tex. Plunger control device. 1,932,992; Oct. 31.
- Sherman, Ray C., Seattle, Wash., assignor to Isaacson Iron Works. Roadway ripper. 1,937,719; Dec. 5.
- Sherman, Robert F., Pekin, Ill., assignor to Corn Products Refining Company, New York, N. Y. Manufacture of starch. Re18,775; Mar. 28.
- Sherman, Roger W., Needham, Mass. Container cover plate. 1,894,575; Jan. 17.
- Sherman, Thomas L., assignor to Michell-Crankless Engines Corporation, New York, N. Y. Crankless engine. 1,897,771; Feb. 14.
- Sherman, Thomas L., Canton, Mass., assignor to Michell-Crankless Engines Corporation, New York, N. Y. Crankless mechanism. 1,913,730; June 13.
- Sherman, Thomas L., Canton, Mass., assignor to Michell-Crankless Engines Corporation, New York, N. Y. Internal combustion engine. 1,919,755; July 25.
- Sherman, Walter P., Jackson Heights, N. Y. Die casting. 1,940,063; Dec. 19.
- Sherman, Warren S., Oklahoma City, Okla. Locking cover. 1,902,731; Mar. 21.
- Sherman, Warren S., Oklahoma City, Okla. Mold for making traffic markers. 1,911,720; May 30.
- Sherman, William R., Newman, Calif. Irrigation gate. 1,896,331; Feb. 7.
- Shermund, Ralph C., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Radioreceiver. 1,898,792; Feb. 21.
- Sherrard, Earl C., and E. Beglinger, Madison, Wis., dedicated to the Government and people of the United States. Molding composition of fibrous vegetable material and furfural. 1,932,255; Oct. 24.
- Sherrard, Earl C., and E. Beglinger, Madison, Wis., assignors to the free use of The Government and the People of the United States of America. Molding composition and a resinous condensation product resulting from its conversion by heat and pressure. 1,923,756; Aug. 22.
- Sherrard, James H., Westmount, Quebec, Canada. Pipe. 1,910,642; May 23.
- Sherrard, James H., Westmount, Quebec, Canada. Concrete pipe, pole, column, and the like. 1,910,643; May 23.
- Sherrick, Samuel T., assignor to S. & C. Holding Corporation, Denver, Colo. Liquid fuel burner. 1,905,067; Apr. 25.
- Sherriff-Goslin Company. (See Goslin, Herbert G., assignor.)
- Sherrill, Clarence O., Cincinnati, Ohio. Earthwork and making same. 1,900,205; Mar. 7.
- Sherrill, Clarence O., assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Store. 1,924,963; Aug. 29.
- Sherrill, Clayton B., Philadelphia, and W. D. Gerstell, Ardmore, Pa. Door cleaner. 1,916,021; June 27.
- Sherrill, Dorothy, Marshfield, Mass. Rag doll. Des. 89,359; Feb. 28.
- Sherrill, Leicester H., Larchmont, assignor to General Foods Corporation, New York, N. Y. Chocolate bar. Des. 90,687; Sept. 12.
- Sherrill, Leicester H., Larchmont, assignor to General Foods Corporation, New York, N. Y. Chocolate bar. Des. 90,688; Sept. 12.
- Sherry, Phillip G., Oklahoma City, Okla., assignor to P. F. O'Brien, Shreveport, La. Device for pumping oil from a well. Re18,717; Jan. 17.
- Sherts, James H. (See Gelstharp, F. and Sherts.)
- Sherts, James H. (See Wynd, J. and Sherts.)
- Sherts, James H., Brackenridge, Pa., assignor to Duplate Corporation. Process and apparatus for making composite glass. 1,905,189; Apr. 25.
- Sherts, James H., Brackenridge, Pa., assignor to Duplate Corporation. Apparatus for making composite glass. 1,906,821; May 2.
- Sherts, James H., Brackenridge, Pa., assignor to Duplate Corporation. Method and apparatus for making composite glass. 1,934,772; Nov. 14.
- Sherts, James H., Brackenridge, and J. Willits, Ford City, Pa., assignors to Duplate Corporation. Making curved composite glass plates. Re18,918; Aug. 22.
- Sherwin, Everett E., Mamaroneck, N. Y. Textile fabric or the like. Des. 90,215; June 27.
- Sherwin, Everett E., Mamaroneck, N. Y. Textile fabric or the like. Des. 90,424; Aug. 1.
- Sherwin, John N., Independence, Mo. Electromagnetic motor. 1,928,872; Oct. 3.
- Sherwin-Williams Company, The. (See Ellis, Charles T., assignor.)
- Sherwin-Williams Company, The. (See Stuart, William M., assignor.)
- Sherwood, Charles F., Highland Park, Mich., assignor to Sherwood Patents, Ltd., San Francisco, Calif. Bearing. 1,916,338; July 4.
- Sherwood, Charles F., Pleasant Ridge, Mich., assignor to Sherwood Patents, Ltd., San Francisco, Calif. Bearing. 1,937,465; Nov. 28.
- Sherwood, Herbert P., et al. (See Gentile, Marino, assignor.)
- Sherwood, Lewis R., Detroit, Mich., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Detachable meter device. 1,919,382; July 25.
- Sherwood Patents, Ltd. (See Sherwood, Charles F., assignor.)
- Shetterly, Fred F., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Bedding glass for working. 1,911,587; May 30.
- Shetzline, Walter F., Los Angeles, Calif. Auto window operating means. 1,919,671; July 25.
- Sheubrooks, William J. (See Miller, W. E., and Sheubrooks.)
- Shevlin, Joseph T. (See Dadd, Frank E., assignor.)
- Shew, Frank L., Ashtabula, Ohio. Rubber product and making the same. 1,893,966; Jan. 10.
- Shiatte, Ludovic. (See Sedgley, G. E., Shiatte, and Brown.)
- Shibuya, Ryohitsu, Menlo Park, Calif. Single chrysanthemum. Pl. Pt. 75; Sept. 26.
- Shibuya, Ryohitsu, Menlo Park, Calif. Single chrysanthemum. Pl. Pt. 76; Sept. 26.
- Shick Dry Shaver, Inc. (See Schick, Jacob, assignor.)
- Shield Company, The. (See Fladger, Ralph H., assignor.)
- Shield, Paul S., Cincinnati, Ohio, and W. H. Haupt, Ludlow, Ky., assignors to Augustine Davis, Jr., Cincinnati, Ohio. Air controlled lock for dispensers. 1,904,550; Apr. 18.
- Shields, Andrew G., assignor to Fillkirk Company, Attleboro, Mass. Container. 1,899,732; Feb. 28.
- Shields, David, Edgeworth, Pa. Manufacture of fertilizers. 1,912,227; May 30.
- Shields, Harry A., Grand Rapids, Mich. Cloth finishing. 1,926,457; Sept. 12.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Box for displaying jewelry and the like. 1,906,111; Apr. 25.
- Shields, John M., assignor to F. H. Noble & Company, Chicago, Ill. Jewelry box. 1,906,822; May 2.
- Shields, John M., assignor to F. H. Noble & Company, Chicago, Ill. Display pad for wrist watch boxes. 1,909,020; May 16.
- Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Spectacle case. 1,919,262; July 25.
- Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Leather suspenders. Des. 90,782; Sept. 26.
- Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Bead line leather brace. 1,910,131; May 23.
- Shields, Michael F., Quebec, Quebec, Canada. Method of and apparatus for economizing feed water. 1,902,732; Mar. 21.
- Shields, Patrick W., Pittsburgh, Pa. Typewriter. 1,938,114; Dec. 5.
- Shields, Thomas T., Los Angeles, Calif. Power unit for slicing machines. 1,905,654; Apr. 25.

- Shierk, Dearell D., assignor to General Manufacturing Co., Portland, Oreg. Squeegee for windshield swipes. 1,940,329; Dec. 19.
- Shiffer, Harry R., Brownstown, Pa. Lubricant retainer. 1,900,368; Mar. 7.
- Shiffer, William H. (See Kuhl, J., and Shiffer.)
- Shiffman, Irving. (See Lachowitz, S., and Shiffman.)
- Shikata, Masuzo, Sakyo-ku, Kyoto, Japan. Method and apparatus for manufacturing cork board and artificial lumber. 1,936,040; Nov. 21.
- Shill, Courtney K., New York, N. Y. Oil burner apparatus. 1,938,089; Dec. 5.
- Shimadzu, Genzo, Kioto, Japan. Apparatus for the continuous production of lead oxides in the dry state. 1,896,020; Jan. 31.
- Shimer, Calvin J., Fort Wayne, Ind., assignor to The Boss Manufacturing Company, Kewanee, Ill. Ironing and pressing machine. 1,923,800; Aug. 22.
- Shimer, John M., Braddock, assignor to Oil Well Supply Company, Pittsburgh, Pa. Rodless pump. 1,922,264; Aug. 15.
- Shimer, William R., and F. C. T. Daniels, Bethlehem, Pa., assignors to Bethlehem Steel Company. Silico-molybdenum steel and article made therefrom. 1,893,004; Jan. 3.
- Shimerda, Carrol D., assignor to Laplant Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Four-way valve. 1,938,869; Dec. 12.
- Shimizu, Rintaro, Tokyo, Japan, assignor to Western Electric Company, Incorporated, New York, N. Y. Anode for water-cooled vacuum tubes. 1,903,945; Apr. 18.
- Shimkowitz, William, Brooklyn, N. Y. Combined cemented and turned shoe and making same. 1,926,656; Sept. 12.
- Shimmin, John T., Sherman, Calif., and H. C. Hirsch, El Paso, Tex. Flotation apparatus. 1,912,228; May 30.
- Shimp, Thomas, Moundsville, W. Va. Combined leveling and framing tool and protractor. 1,934,096; Nov. 7.
- Shindel, Harry F. (See Willson, F. and Shindel.)
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Goggle ventilator. 1,900,955; Mar. 14.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Pipe coupling. 1,915,552; June 27.
- Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Pipe coupling. 1,915,553; June 27.
- Shinn, Byron H., assignor to Shinn Devices Corporation, Washington, Pa. Pump for hydraulic systems. 1,921,008; Aug. 8.
- Shinn, Byron H., assignor to Shinn Devices Corporation, Washington, Pa. Pressure operated two-way valve. 1,925,610; Sept. 5.
- Shinn, Byron H., assignor to Shinn Devices Corporation, Washington, Pa. Hydraulic jack. 1,940,821; Dec. 26.
- Shinn, Byron H., assignor to Shinn Devices Corporation, Washington, Pa. Hydraulic braking system. 1,940,822; Dec. 26.
- Shinn, Byron H., assignor to Shinn Devices Corporation, Washington, Pa. Hydraulic jack. 1,940,823; Dec. 26.
- Shinn Devices Corporation. (See Shinn, Byron H., assignor.)
- Shinn, Lyle B., assignor to Chicago Lock Company, Chicago, Ill. Lock. 1,912,663; June 6.
- Shinn, William C., assignor to Chicago Lock Company, Chicago, Ill. Lock for nuts. 1,937,848; Dec. 5.
- Shiozawa, Masaharu, and Shigeru Shiozawa, Shibuyamachi Toyotamagun, Japan. Manufacturing medicinal extract wine. 1,914,046; June 13.
- Shiozawa, Shigeru. (See Shiozawa, Masaharu and S.)
- ShIPLEY, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,901,064; Mar. 14.
- ShIPLEY, Bernis M., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,908,068; May 9.
- ShIPLEY, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,915,624; June 27.
- ShIPLEY, Bernis M., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,916,535; July 4.
- ShIPLEY, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,917,332; July 11.
- ShIPLEY, Bernis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,920,328; Aug. 1.
- ShIPLEY, Roy A., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Forming apparatus. 1,921,544; Aug. 8.
- Shipman, Bennet C., San Mateo, Calif. Refrigerating system. 1,940,734; Dec. 26.
- Shipman, Ralph, Sunbury, Pa. Thread cleaner. 1,914,303; June 13.
- Shipman, Ralph, Sunbury, Pa. Thread cleaner and mounting therefor. 1,914,304; June 13.
- Shipman, Raymond F., Montgomery, N. Y. Weighing scoop. 1,913,296; June 6.
- Shipp, Clarence C., Indianapolis, Ind. Radiator ventilating unit. 1,907,450; May 9.
- Shippy, Leo C., assignor to Delco-Remy Corporation, Anderson, Ind. Cam testing device. 1,924,260; Aug. 29.
- Shippy, Leo C., assignor to Delco-Remy Corporation, Anderson, Ind. Casting apparatus. 1,925,497; Sept. 5.
- Shippy, Leo C., assignor to Delco-Remy Corporation, Anderson, Ind. Valve control. 1,941,325; Dec. 26.
- Shiraishi, Hikokuma, Wilmington, and W. S. O'Hira, Terminal Island, Calif. Fishing bridge. 1,894,428; Jan. 17.
- Shiraishi, Yuichiro, Tokyo, Japan, assignor to General Electric Company. Treating copper alloys. 1,927,671; Sept. 19.
- Shire, Forrest L., assignor to Auto Specialties Mfg. Co., St. Joseph, Mich. Automobile jack. 1,929,262; Oct. 3.
- Shire, Forrest L., St. Joseph, Mich., assignor to Auto Specialties Manufacturing Company, San Francisco, Calif. Jack. 1,938,404; Dec. 5.
- Shirk, William B., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Power system. 1,907,596; May 9.
- Shirk, William B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Power transmission system. 1,916,443; July 4.
- Shirk, William B., and P. H. Brace, Forest Hills, and N. C. Goin, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Apparatus and method of extruding pipe. 1,924,294; Aug. 29.
- Shirley, Richard A., assignor to W. H. Johnson & Son Co., Indianapolis, Ind. Electrical heater. 1,928,270; Sept. 26.
- Shirley, Roswell R., Rockford, Ill. Dairy products refrigerator. 1,900,306; Mar. 7.
- Shisoff, Harry, Brooklyn, N. Y. Amusement apparatus. 1,924,757; Aug. 29.
- Shivek, Bernard, Boston, assignor to Samuel Werlin, Malden, and Morris B. White, Chelsea, Mass. Machine for making ice cream cones. 1,906,640; May 2.
- Shively, Elmer W., Carleton, Nebr. Fence wire fastener. 1,895,839; Jan. 31.
- Shively, Everett E., deceased, assignor of one-third to S. E. Smith, J. H. Miller, and E. H. Miller, New Philadelphia, Ohio; Wilhelmina E. Shively, administratrix. Door hinge. 1,893,450; Jan. 3.
- Shively, John J., Brookville, Pa. Refrigeration system and method. 1,907,835; May 9.
- Shively, Wilhelmina E., administratrix. (See Shively, Everett E.)
- Shively, Walter L. (See Jacobson, D. L., and Shively.)
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Grid-glow potentiometer. 1,907,093; May 2.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 1,911,773; May 30.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Radiator valve. 1,916,814; July 4.
- Shivers, Paul F., Wabash, Ind., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Radiator valve. 1,920,896; Aug. 1.
- Shives, Alexander C., Toledo, Wash. Metallic railroad tie. 1,897,500; Feb. 14.
- Shizuoka Boeki Kabushiki Kaisha. (See Suzuki, Saburo, assignor.)
- Shlaifer, David. (See Scognamillo, S., and Shlaifer.)
- Shoaf, Thomas T. (See Mendenhall, J. H., and Shoaf.)
- Shober, George M., Ottumwa, Iowa. Crankless engine. 1,917,274; July 11.
- Shockey, H. H. (See Lack, Arnold, assignor.)
- Shodron, John G., and C. S. Wandschneider, assignors to James Manufacturing Company, Fort Atkinson, Wis. Exit dormer for arched buildings. 1,925,284; Sept. 5.
- Shoe Form Co. (See De Wiri, William J., assignor.)
- Shoe Hardware Company, The. (See Dalton, Daniel F., assignor.)
- Shoe Hardware Company, The. (See Pipes, Walter L., assignor.)
- Shoe Hardware Company, The. (See Rutherford, Eugene W., assignor.)
- Shoe Lace Company. (See Matson, Carl A., assignor.)
- Shoe Lace Company, Ltd. (See Dunn, George G., Jr., assignor.)
- Shoeld, Mark, Pittsburgh, Pa. Friction material and making the same. 1,941,280; Dec. 26.
- Shoemaker, Alvin H., Seattle, Wash. Automobile tire. 1,903,574; Apr. 11.
- Shoemaker, Alvin H., Seattle, Wash. Radial cord pneumatic tire. 1,903,575; Apr. 11.
- Shoemaker, Alvin H., Seattle, Wash. Pneumatic tire and rim construction. 1,919,910; July 25.
- Shoemaker, Alvin H., Seattle, Wash. Pneumatic tire and rim construction. 1,919,911; July 25.
- Shoemaker, Alvin H., Seattle, Wash. Pneumatic tire and rim. 1,932,191; Oct. 24.
- Shoemaker, Frank W. (See Merwin, G. E., and Shoemaker.)
- Shoemaker, Fred G., Syracuse, N. Y. Spark plug ignition terminal. 1,902,382; Mar. 21.
- Shoemaker, Fred G., Ferndale, assignor to General Motors Research Corporation, Detroit, Mich. Two-cycle engine. 1,924,697; Aug. 29.
- Shoemaker, Harold R., Washington, D. C. Drawing-table attachment. 1,934,952; Nov. 14.

- Shoemaker, Harry, Jersey City, N. J., assignor, by mesne assignments, to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Alternating current rectifying system. 1,896,468; Feb. 7.
- Shoemaker, Louis A., Monroe, Mich. Container. 1,910,480; May 23.
- Shoemaker, Milton J., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Clothlike fabric. 1,898,601; Feb. 21.
- Shoemaker, Robert J., assignor to S. & T. Metal Company, Chicago, Ill. Making lead alloys. 1,916,496; July 4.
- Shoemaker, Sylvester D., Columbus, Ohio. Safety razor blade. 1,931,743; Oct. 24.
- Shofer, Marc R., Minneapolis, Minn., assignor of one-half to Iowa Fiber Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Box. 1,938,501; Dec. 5.
- Shofer, Marc R., Minneapolis, Minn., assignor of one-half to Iowa Fiber Box Company, Keokuk, Iowa, and one-half to South West Box Company, Sand Springs, Okla. Shipping container. 1,940,190; Dec. 19.
- Shoffner, William M. (See Miller, F. H., and Shoffner.)
- Shoffstall, Hugh F. (See Bailey, R. S., and Shoffstall.)
- Shoji, George K., Honolulu, Hawaii, assignor to Libby, McNeill & Libby, Chicago, Ill. Pineapple tidbit machine. 1,892,685; Jan. 3.
- Sholtz, Leo, New York, N. Y. Shoe. Des. 90,862; Oct. 10.
- Shomaker, Wesley P. (See Jones, M. O., and Shomaker.)
- Shoner, Robert N., Fort Wayne, Ind. Dust arrester for air ducts. 1,930,777; Oct. 17.
- Shonkwiler, Albert H., and J. W. Macklin, Lakewood, assignors to The Otis Steel Company, Cleveland, Ohio. Preventing scale in annealing furnaces. 1,899,776; Feb. 28.
- Shonnard, Harold W. (See Valtier, Ralph P., assignor.)
- Shonnard, Harold W., and H. J. Fear, Montclair, assignors to Elevator Supplies Company, Inc., Hoboken, N. J. Door control means for elevators. 1,909,131; May 16.
- Shonts, Leroy C., Chicago, Ill. File folder. 1,895,174; Jan. 24.
- Shook, Florain J., assignor, by mesne assignments, to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 1,899,211; Feb. 28.
- Shook, Florain J., assignor to National Rubber Machinery Company, Akron, Ohio. Extruding machine. 1,902,295; Mar. 21.
- Shook, Florian J., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Bead ring applying machine. 1,906,641; May 2.
- Shook, Florain J., and C. Iverson, assignors to National Rubber Machinery Company, Akron, Ohio. Vulcanizer. 1,895,296; Jan. 24.
- Shook, O. D., et al. (See Conger, J. D., and Hitz, assignors.)
- Shoop, Francis H. (See Grant, W. S., and Shoop.)
- Shoop, Fred M., assignor of one-fourth to C. E. Fuller, Burnt Cabins, Pa. Sealing device for closed containers. 1,904,091; Apr. 18.
- Shope, Thomas H., South Gate, Calif. Air service hose rack. 1,940,701; Dec. 26.
- Shope, Thomas H., South Gate, Calif. Air service hose rack. 1,940,702; Dec. 26.
- Shorr, Oscar. (See Beisser, Harry, assignor.)
- Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Impact bar for automobile bumpers. Des. 89,269; Feb. 14.
- Short, Bladen M., assignor to Lyon Cover Company, Detroit, Mich. Fender well cradle for supporting tires. 1,933,393; Oct. 31.
- Short, Charles R., Detroit, Mich., assignor to The Moraine Products Company, Dayton, Ohio. Thrust bearing with porous metal bearing surface. 1,912,101; May 30.
- Short, Charles R., assignor to General Motors Research Corporation, Detroit, Mich. Hydraulic valve mechanism. 1,930,568; Oct. 17.
- Short, Charles R., assignor to Moraine Products Company, Dayton, Ohio. Sintering briquetted materials. 1,922,402; Aug. 15.
- Short, Charles R., Detroit, Mich., and C. V. Morton, assignors to The Moraine Products Company, Dayton, Ohio. Compressing powdered materials. 1,930,287; Oct. 10.
- Short, Charles R., and R. P. Koebring, assignors to The Moraine Products Company, Dayton, Ohio. Making bearings. 1,939,467; Dec. 12.
- Short, Frank, Poughkeepsie, N. Y. Motion picture camera. 1,895,211; Jan. 24.
- Short, Ira, Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reduction gearing. 1,893,042; Jan. 3.
- Short, Ira, Essington, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dredge pump. 1,923,280; Aug. 22.
- Short, James, and V. Rigert, Camden, N. J. Water sprout support and cap. 1,932,256; Oct. 24.
- Short, Sydney G., Willesden, London, England, and J. E. Williams, Pontyclun, South Wales. Apparatus for use in color cinematography. 1,931,512; Oct. 24.
- Short, Thomas A., Alameda, Calif. Separator. 1,915,169; June 20.
- Shortell, William H., assignor to Mills Falls Company, Greenfield, Mass. Hack saw blade. 1,899,212; Feb. 28.
- Shorrt, Lee A., Waukon, Iowa. Pumping apparatus. 1,921,265; Aug. 8.
- Shortwave & Television Corporation. (See Baird, Hollis S., assignor.)
- Shotey, William, Detroit, Mich. Device for dressing grinding wheels. 1,912,410; June 6.
- Shott, Christian M. (See Solberg, O. T., Shott, and Walker.)
- Shoulter, Earle. (See Hoopes, J. E., and Shoulter.)
- Shoults, David R., Scotia, N. Y., assignor to General Electric Company. Control system. 1,920,897; Aug. 1.
- Shoults, David R., Scotia, N. Y., assignor to General Electric Company. Tension controlling system. 1,922,870; Aug. 15.
- Shoup, Allen A., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photocell and circuit. 1,930,541; Oct. 17.
- Shoup-Owens, Inc. (See D'Annunzio, George, assignor.)
- Shoup-Owens, Inc. (See Peterson, Frederick J., assignor.)
- Showalter, Frank. (See Von Pein, E. J., and Showalter.)
- Showcard Machine Co. (See Cook, Frank J., assignor.)
- Shower, Edmund G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube circuits. 1,927,099; Sept. 19.
- Showers, Lewis M., Jr., Juniata, and R. L. Stiffler, Altoona, Pa. Lifting sling. 1,923,213; Sept. 26.
- Shrader, William T., assignor to The American Hat Co. Inc., Norwalk, Conn. Hat box. 1,900,420; Mar. 7.
- Shredwood Curtain Co. (See Benson, Melvin B., assignor.)
- Shreeve, John C., Joliet, Ill. Rail joint lubricator. 1,917,070; July 4.
- Shreffler, Elwyn O., and A. D. Lesage, Manteno, Ill. Vacuum controlled clutch and brake operating mechanism. 1,903,556; Apr. 11.
- Shriver, Harry P., assignor to Kennedy Manufacturing Company, Van Wert, Ohio. Cantilever kit. 1,893,526; Jan. 10.
- Shriver, Harry P., assignor to Kennedy Manufacturing Company, Van Wert, Ohio. Carrying case. 1,893,527; Jan. 10.
- Shriver, Harry P., assignor to Kennedy Manufacturing Company, Van Wert, Ohio. Kit. 1,925,409; Sept. 5.
- Shriver, Harry T. (See Mueser, Charles, assignor.)
- Shriver, Leland C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Polymerizing vinyl compounds. 1,938,870; Dec. 12.
- Shriver, T., & Company. (See Mueser, Charles, assignor.)
- Shrode, John L., University City, assignor to Alco Valve Company, St. Louis, Mo. Refrigerating-control means. 1,929,523; Oct. 10.
- Shroyer, Alva J., Indianapolis, Ind., assignor to The James A. Harper Supply Company, Kansas City, Mo. Doughnut mix. 1,929,829; Oct. 10.
- Shroyer, Jacob L., Oak Park, assignor to Edison Electric Appliance Company, Chicago, Ill. Frying apparatus. 1,931,120; Oct. 17.
- Shryock, Joseph G., assignor to Belmont Iron Works, Philadelphia, Pa. Floor construction. 1,933,394; Oct. 31.
- Shuffleboard Equipment Co. (See Isbell, Charles B., assignor.)
- Shugert, Walter R., Huntingdon, Pa. Electric socket. 1,907,270; May 2.
- Shugg, Carleton, and P. Robinson, North Adams, assignors to Sprague Specialties Co., Quincy, Mass. Combined hard and soft rubber article. 1,895,738; Jan. 31.
- Shulik, William, assignor of one-third to A. Koufman and one-third to A. S. Lichten, Philadelphia, Pa. Flexible slide fastener. 1,899,168; Feb. 28.
- Shull, Alvin E., Ardmore, Pa. Adjustable frame. 1,916,022; June 27.
- Shull, Alvin E., assignor of one-half to K. E. Shull, Ardmore, Pa. Adjustable frame. 1,916,023; June 27.
- Shull, Daniel L., Bakersfield, Calif., assignor to Shell Perforating Company. Collar locator. 1,893,600; Jan. 10.
- Shull, Kenneth E. (See Shull, Alvin E., assignor.)
- Shulte, Charles, Marietta, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Door mounting for safes. 1,909,849; May 16.
- Shults, Anthony K., Saranac Lake, N. Y. Bottle. 1,897,736; Feb. 14.
- Shultz, Albert B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber. 1,914,677; June 20.
- Shultz, Charles L., Brookline, Pa. Hospital bed. 1,905,355; Apr. 25.
- Shultz, Reno O., Montevideo, Minn. Brake equalizer. 1,894,714; Jan. 17.
- Shuman, Arno, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Making corrugated wire glass. 1,905,006; Apr. 25.
- Shuman, Arno, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Apparatus for making corrugated wire glass. 1,915,255; June 20.
- Shuman, Arno, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Glass roofing. 1,919,174; July 18.
- Shuman, Lawrence, assignor to The United Gas Improvement Company, Philadelphia, Pa. Apparatus for inflating and deflating gas main bags. 1,922,003; Aug. 8.
- Shumway, Edward D., Lake Forest, assignor to The Quaker Oats Company, Chicago, Ill. Producing antirachitically activated cereals and cereal products. 1,928,397; Sept. 26.
- Shunk, John Q., Bucyrus, Ohio. Governor for gravity dump bodies. 1,936,528; Nov. 21.

- Shur-Chek Company. (See Gregory, George W., assignor.)
 Shurgott, Joseph G., Philadelphia, Pa. Adjustable window screen. 1,936,041; Nov. 21.
 Shuron Optical Company. (See Ford, George H., assignor.)
 Shuron Optical Company. (See Langknecht, Henry J., assignor.)
 Shuron Optical Company. (See Long, Eli M., assignor.)
 Shuron Optical Company. (See McDonnell, W. E., and Groh, assignors.)
 Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Temperature controlling means. 1,899,532; Feb. 28.
 Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Unit ventilator. 1,903,143; Mar. 28.
 Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Heating and ventilating. 1,925,822; Sept. 5.
 Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Heating and ventilating system. 1,936,544; Nov. 21.
 Shurtleff, Wilfred, assignor to The Herman Nelson Corporation, Moline, Ill. Method and apparatus for purifying and diffusing air. 1,937,483; Nov. 28.
 Shuss, Cloyd A., assignor to The Oscar T. Smith & Son Company, Baltimore, Md. Construction of books. 1,897,024; Feb. 7.
 Shuster, Carl N., West Orange, N. J., assignor to La Fayette Instruments, Inc., New York, N. Y. Device for determining altitudes and trigonometric functions thereof. 1,901,880; Mar. 21.
 Shuster, F. B., Company, The. (See Hutchinson, Frank C., assignor.)
 Shuster, F. B., Co. (See Roberts, Joseph H., assignor.)
 Shute, Arthur C. (See Bergen, W. V., and Shute.)
 Shutt, Milo. (See Harry, R. J., and Shutt.)
 Shuttleworth, Edwin C., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Tuft yarn carrier for looms. 1,897,077; Feb. 14.
 Shuttleworth, Howard L., Amsterdam, N. Y. Apparatus for finishing carpets. 1,915,106; June 20.
 Shuttleworth, Howard L., Amsterdam, N. Y. Finishing carpets. 1,917,555; July 11.
 Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Manufacture of pile fabrics. 1,899,990; Mar. 7.
 Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Tuft cutting mechanism. 1,909,132; May 16.
 Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Method and apparatus for making pile fabrics. 1,931,092; Oct. 17.
 Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric and weaving. 1,934,827; Nov. 14.
 Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Fabric and method and apparatus for producing it. 1,939,864; Dec. 19.
 Shutt, Leroy W. (See Hallett, G. E. A., and Shutt.)
 Shyngera, John. (See Dombrády, Béla, assignor.)
 Siampos, Trefon, Edwardsville, Ill. Cigarette. 1,907,271; May 2.
 Siampos, Trefon, Edwardsville, Ill. Fuse plug. 1,914,871; June 20.
 Sibbert, Edward F., Brooklyn, N. Y. Curtain operating device. 1,907,597; May 9.
 Sibenhorn, Carl L. (See Marvin, W. S., and Sibenhorn.)
 Sibley, Edward W., Kenmore, N. Y. Amusement device. 1,907,451; May 9.
 Sibley, Edward W., Kenmore, assignor to Remington Rand, Inc., Buffalo, N. Y. Index card and preparing same. 1,925,343; Sept. 5.
 Sibley, Edward W., Kenmore, assignor to Remington Rand, Inc., Buffalo, N. Y. Method and apparatus for making card holding pockets. 1,937,327; Nov. 28.
 Sibley, Edward W., Kenmore, assignor to Remington Rand, Inc., Buffalo, N. Y. Protected inking fabric. 1,937,720; Dec. 5.
 Sibley, James T. (See Fuess, B. S., and Sibley.)
 Sibley-Pym Corporation. (See Pym, Arthur F., assignor.)
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Vulcanization of rubber. 1,898,268; Feb. 21.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Retarder for use in rubber vulcanization process. 1,904,934; Apr. 18.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Manufacture of mercaptoarylthiazoles. 1,906,112; Apr. 25.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company. Vulcanization of rubber and product obtained thereby. 1,910,816; May 23.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Vulcanization of rubber. 1,914,047; June 13.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Treating process. 1,921,546; Aug. 8.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratory Company, Akron, Ohio. Vulcanizing rubber. 1,931,396; Oct. 17.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Company, Akron, Ohio. Age resisting vulcanized rubber product and manufacturing same. 1,932,562; Oct. 31.
 Sibley, Robert L., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Manufacturing thiazole derivatives. 1,936,099; Nov. 21.
 Sibson, Walter W., and J. W. Dennis, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Electrically heated drying machine. 1,899,593; Feb. 28.
 Sibson, Walter W., and H. L. Galson, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Conveyor. 1,906,642; May 2.
 Sibson, Walter W., and H. H. Belcher, assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Drying equipment. 1,907,220; May 2.
 Sichel, Leo, St. George, N. Y. Automatic level. 1,910,266; May 23.
 Sickel, Louis C. (See Ackerman, Michael H., assignor.)
 Sicks, Christie C., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Forging hollow working implements. 1,918,060; July 11.
 Sicks, Joseph A., Kansas City, Mo. Safety cut-off device for gas service. 1,912,793; June 6.
 Sickle, Edward B. (See Ware, Willis C., assignor.)
 Siday, William E., Richmond, England. Collapsible seat, stool, or chair with receptacle for holding articles. 1,900,847; Mar. 7.
 Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Chelsea, Mass. Shield for suspended wearing apparel. 1,904,092; Apr. 18.
 Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Chelsea, Mass. Drinking cup. 1,904,331; Apr. 18.
 Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Chelsea, Mass. Machine for printing round cans in multiple colors. 1,904,332; Apr. 18.
 Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Chelsea, Mass. Paper container. 1,920,529; Aug. 1.
 Siden, Otto E., Brooklyn, N. Y. Garment hanger and brush. 1,906,488; May 2.
 Sidery, Arthur J. (See Sutton, H., Sidery, and Evans.)
 Sidley, William P., executor. (See Miner, W. H., and Sidley.)
 Sidney, Arthur A., Thornton Heath, England. Delivery valve of reciprocating pumps. 1,933,454; Oct. 31.
 Sidney, Arthur A., Thornton Heath, England. Filter. 1,937,415; Nov. 28.
 Sieben, Herbert, assignor to Textile Dyeing and Printing Company of America, Inc., Fairlawn, N. J. Decorating silk fabrics. 1,939,322; Dec. 12.
 Siebenbürger, Hugo, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Chlorination products of isodibenzanthrone and manufacturing same. 1,925,410; Sept. 5.
 Siebeneicher, Heinz. (See Jenny, A., Siebeneicher, and Budloff.)
 Sieber, Heinrich. (See Eckert, W., Sieber, Greune, and Langbein.)
 Sieber, Heinrich. (See Eckert, W., and Siebert.)
 Sieber, Heinrich. (See Greune, H., Eckert, Seiber, and Langbein.)
 Siebers, Xaver. (See Köhlmeier, E. J., and Siebers.)
 Siebert, Donald W. (See Bjorson, C. J., Siebert, and Greenwood.)
 Siebert, Harry W., New York, N. Y., assignor to Garden Insecticide Corporation. Insecticide and fertilizer sprinkler nozzle. 1,936,275; Nov. 21.
 Siebert, O. W., Company. (See Bjorson, C. J., and Greenwood, assignors.)
 Siebert, O. W., Company. (See Bjorson, C. J., Siebert, and Greenwood, assignors.)
 Siebert, Werner. (See Caro, N., Frank, Siebert, Wendlandt, and Fischer.)
 Siebs, Claude T. (See Johnson, R., and Siebs.)
 Siebs, Claude T., Nutley, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Supporting device. 1,920,219; Aug. 1.
 Siecke, Wolfhart. (See von Girssewald, C., Baron, and Siecke.)
 Siedentopf, Karl. (See Goldschmidt, V. M., and Siedentopf.)
 Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co., Camden, N. J. Cut-off mechanism. 1,897,867; Feb. 14.
 Sieg, William W., Bellefonte, Pa. High strength hot working copper nickel zinc alloy. 1,907,219; May 2.
 Siegel, Charles. (See Siegel, Myer, assignor.)
 Siegel, Chester A. (See Willett, A. H., and Siegel, assignors.)
 Siegel, Chester A., Newark, N. J. Locomotive boiler. 1,894,613; Jan. 17.
 Siegel, Chester A., Newark, and J. P. Neff, East Orange, N. J., assignors to American Arch Company, New York, N. Y. Locomotive. 1,920,812; Aug. 1.
 Siegel, Harry, New York, N. Y. Retaining a marcel wave in hair. 1,925,009; Aug. 29.
 Siegel, Joseph, deceased, Detroit, Mich., Marie F. Siegel, executrix. Combined girdle and brassière. 1,938,115; Dec. 5.
 Siegel, Marie F., executrix. (See Siegel, Joseph, assignor.)
 Siegel, Max. (See Jacobs, S. B., and Siegel.)

- Siegel, Myer, assignor of one-half to Charles Siegel, New York, N. Y. Dishwasher. 1,900,771; Mar. 7.
- Siegel, Samuel, New York, N. Y., assignor to Aerovox Wireless Corporation. Condenser. 1,926,458; Sept. 12.
- Siegel, William, Chicago, Ill. Hanging. 1,934,452; Nov. 7.
- Siegens, Hans. (See von Girssewald, C., Siegeng, and Marschner.)
- Sieger, Maurice P. (See Reilly, E. C., and Sieger.)
- Siegert, Walter, assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Slow-closing valve. 1,935,299; Nov. 14.
- Siegrfried, Clarence E., Sandusky, Ohio, assignor, by mesne assignments, to Construction Materials Patents, Inc. Manufacturing molded products. 1,941,420; Dec. 26.
- Siegmund, Humphreys O., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power supply system. 1,919,808; July 25.
- Siegrist, Adolph, Jenkintown, assignor to Moore Pushpin Company, Philadelphia, Pa. Pushpin package. 1,916,994; July 4.
- Siegrist, Adolph, Jenkintown, assignor to Moore Pushpin Company, Philadelphia, Pa. Hook display carton. 1,916,995; July 4.
- Siegrist, Arnold, Geneva, Switzerland. Curling iron. 1,925,504; Sept. 5.
- Sielaff, Herbert F., Chicago, Ill. Liquid receptacle and sprinkler. 1,895,009; Jan. 24.
- Sielaff, Herbert F., Chicago, Ill. Molded garbage receptacle. 1,895,010; Jan. 24.
- Sielaff, Herbert F., Chicago, Ill. Knockdown garbage receptacle mold. 1,897,340; Feb. 14.
- Sieloff, Emil, assignor to Sieloff Packing Company, St. Louis, Mo., Refrigerating system. 1,925,407; Sept. 5.
- Sieloff Packing Company. (See Sieloff, Emil, assignor.)
- Siemann, Henry M., assignor of forty-nine per cent to E. De Muth, Fort Lupton, Colo. Beet harvester. 1,914,621; June 20.
- Siemen, Otto, and J. Hirsch, Itzehoe, Germany. Rotary pump. 1,920,484; Aug. 1.
- Siemens Brothers & Company. (See Christian, D. A., and Palmer, assignors.)
- Siemens Brothers & Company Limited. (See Christian, David A., assignor.)
- Siemens Brothers & Company Limited. (See Escott, Alexander J., assignor.)
- Siemens Brothers & Company Limited. (See Patterson, W. G., and Gachet, assignors.)
- Siemens Brothers & Company Limited. (See Wigan, Edmund R., assignor.)
- Siemens Electric Osmose G. m. b. H. (See Jenny, A., Siebeneicher, and Budiloff, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Appellus, Fritz, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Baloun, Kurt, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Becker, Ernst, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Blumberg, Gustav, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Eisenzapf, Karl, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Engelhardt, V. and Schönfeldt, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Esmarch, Wilhelm, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Espe, Werner, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Espe, W., and Kollig, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Flad, Artur, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Gabriel, Wilhelm, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Gehrts, August, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Gerlach, Erwin, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Gerlach, E., and Orlich, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Gossau, Fritz, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Grüss, H., Klimitz, Haase, Schultze, and Miething, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Hachfeld, Otto, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Hähne, Walter, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Hansel, G., and Michael, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Hopf, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Jaumann, Andreas, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Jenny, A., and Budiloff, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Jipp, A., Rossberg, and Hettler, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Kautter, Wolfgang, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Keinath, Georg, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Keyser, Alfred, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Keyser, A., and Simon, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Kirstaedter, Imfried, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Krambeer, Karl H., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Kruhme, E., Jipp, and Rossberg, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Langer, Max, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Langer, M., Scheunert, and Wollack, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Leopold, Joachim, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Lill, Friedrich, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Linder, Ludwig, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Mansel, Paul, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Mathias, Maximilian, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Morsbach, Kurt, assignor.)
- Siemens-Halske Aktiengesellschaft. (See Müller, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Müller, Paul, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Nienhold, Johannes, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Oertli, Josua, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pfannenmüller, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pfeiffer, Alfred, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Pinell, Walter, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Preuss, Alexander B., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Reichmann, R., and Kohl, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Rossberg, Ehrhard, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Rudolph, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Schleicher, Manfred, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Schrader, C., Keinath, Polin, and Ritz, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Schulz, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Sell, Helmut, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Steiner, Otto, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Stich, Johannes, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Stolp, Franz, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Strecker, Felix, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Thilo, Hans G., assignor.)
- Siemens & Halske Aktiengesellschaft. (See Ulrich, F., and Saar, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Walter, Hans, assignor.)
- Siemens & Halske Aktiengesellschaft. (See Weeber, O., and Soldan, assignors.)
- Siemens & Halske Aktiengesellschaft. (See Wolf, Rudolf, assignor.)
- Siemens & Halske Aktiengesellschaft of Wernewerke. (See Stich, Johannes, assignor.)
- Siemens & Halske Aktiengesellschaft of Wernewerke. (See Wiessner, Alfred, assignor.)
- Siemens-Reiniger-Verfa. Gesellschaft für medizinische Technik m. b. H. (See Nieman, Karl, assignor.)
- Siemens-Reiniger-Verfa. Gesellschaft für Medizinische Technik m. b. H. (See Zeyss, W., and Niemann, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Abendroth, Wilhelm, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Altenkirch, Edmund, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Berthold, R. G., and Stachmeyer, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Bischoff, Eelco, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Eule, Martin, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Eule, M., and Anders, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Gerlach, Fritz, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Gleichmann, Hans, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Hanff, Ferdinand, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Held, Christian, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Höfner, Konrad, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kieffer, Emil O., assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kohler, Gustav, assignor.)

- Siemens-Schuckertwerke Aktiengesellschaft. (See Korritke, Karl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Kühnel, C., and Korritke, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Meyer, August, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Meyer, Carl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Miller H., and Eule, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Nesselmann, K., and Bräuer, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Oldenburg, Alfred, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Ortner, O., Münsterer, Gebhardt, and Keller, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Paschen, P., and Mohr, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Paschen, P., Ritter, Stauber, Gebhardt, and Schmiedel, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Pontow, W., Abendroth, Schroeder, and Mayr, assignors.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Rudenberg, Reinhold, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Schlecker, Karl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Schumann, Karl, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Steenbeck, Max, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Strigel, Robert, assignor.)
- Siemens-Schuckertwerke Aktiengesellschaft. (See Strigel, R., and Steenbeck, assignors.)
- Sierp, Friederich. (See Imhoff, K., Sierp, and Brinkhaus.)
- Siers, John A. H., Jersey City, N. J. Separable fastener. 1,900,390; Mar. 7.
- Siers, John A. H., Jersey City, N. J. Air temperature regulating apparatus. 1,934,565; Nov. 7.
- Siesel, S. M., Co. (See Hallquist, Stone, assignor.)
- Siever, Carl H., Oak Park, Ill. Treatment of wood. 1,936,439; Nov. 21.
- Sievern, Fredrick, McKeesport, Pa. Pliers. 1,902,913; Mar. 28.
- Sievers, Erich, Berlin, Germany. Packing or wrapper, especially useful for shampooing and hair dyeing materials. 1,932,326; Oct. 24.
- Sievers, William E., and O. Hammer, assignors to Security Investment Company of Whittier, Whittier, Calif. Well reamer. 1,906,427; May 2.
- Sievers, William H., Los Angeles, Calif. Hollywood studio doll. Des. 91,090; Nov. 21.
- Sievvert, Ernst G., Stockholm, and B. S. Faithell, Spanga, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. High-tension cable. 1,928,575; Sept. 26.
- Sievvert, Harold W., assignor to Olson Manufacturing Company, Albert Lea, Minn. Ventilator. 1,935,216; Nov. 14.
- Siwek, Otto H., Detroit, Mich. Cam lock. 1,940,275; Dec. 19.
- Sight Feed Generator Company, The. (See Allgrunn, Kenneth L., assignor.)
- Signal Accessories Corporation. (See Vallée, Armand J., assignor.)
- Signal Engineering & Manufacturing Company. (See Hanel, Charles L., assignor.)
- Signal Engineering and Manufacturing Company. (See Muehter, Manfred W., assignor.)
- Signode Steel Strapping Company. (See Edwards, Russell T., assignor.)
- Signode Steel Strapping Company. (See McGregor, J. M., and Ericsson, assignors.)
- Signode Steel Strapping Company. (See Porter, Howard C., assignor.)
- Signode Steel Strapping Company. (See Scales, Lewis J., assignor.)
- Signode Steel Strapping Company. (See Seagren, Emil G., assignor.)
- Signode Steel Strapping Company. (See Taylor, Milton C., assignor.)
- Signode Steel Strapping Company. (See Williams, William E., assignor.)
- Sigoda, Victor J., Brooklyn, N. Y. Thread-removing mechanism for hemstitching machines. 1,922,334; Aug. 15.
- Sikes Company, The. (See Sengpiel, William A., assignor.)
- Sikes Company, The. (See Waggoner, F. H., and Josephs, assignors.)
- Sikes, Virgil, Commerce, Okla. Mine hoist control. 1,931,940; Oct. 24.
- Sikorsky Aviation Corporation. (See Sikorsky, Igor, assignor.)
- Sikorsky, Igor, College Point, N. Y., assignor to Sikorsky Aviation Corporation, Wilmington, Del. Aerial vehicle. 1,898,644; Feb. 21.
- Sikorsky, Igor, College Point, N. Y., assignor to Sikorsky Aviation Corporation. Shock absorber. 1,898,694; Feb. 21.
- Sikorsky, Igor, College Point, N. Y., assignor to Sikorsky Aviation Corporation, Wilmington, Del. Aircraft, especially amphibian aircraft, including wings, outriggers, K-braces, V struts, landing gear and tail members for same. 1,906,823; May 2.
- Sikorsky, Igor, College Point, N. Y., assignor to Sikorsky Aviation Corporation, Wilmington, Del. Multimotored amphibian. 1,916,444; July 4.
- Sikorsky, Igor, Stratford, Conn. assignor to Sikorsky Aviation Corporation, Wilmington, Del. Aircraft, especially aircraft of the amphibian type and body boat structure for same. 1,898,695; Feb. 21.
- Siksta, Josef, Berwyn, Ill., assignor to B. J. Wallace, Kent, Ohio. Footwear area calculator. 1,919,383; July 25.
- Silberger, Julius, Cleveland, Ohio. Sewer cleaning device. 1,898,503; Feb. 21.
- Silberger, Marvin E. (See Wright, William F., assignor.)
- Silberman, Jay D., Chicago, Ill. Scoreboard for bowling alleys. 1,938,980; Dec. 12.
- Silberrad, Oswald, Loughton, and H. Bleasdale, Edmonton, England. Manufacture of cellulose acetate. 1,899,061; Feb. 28.
- Silberstein, Isidor, Berlin, Germany. Electric resistance. 1,900,206; Mar. 7.
- Silberstein, Israel, Baltimore, Md. Portable carbon arc lamp. Des. 89,270; Feb. 14.
- Silcox, Donald B., Taft, assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for measuring gases. 1,911,853; May 30.
- Silent, Harold C., Hollywood, Calif., assignor to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 1,923,757; Aug. 22.
- Silent, Harold C., and R. R. Scoville, Los Angeles, Calif., assignors to Electrical Research Products, Inc., New York, N. Y. Sound recording system. 1,926,887; Sept. 12.
- Silent, Roy A. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier.)
- Silent Glow Oil Burner Corporation, The. (See Gilbert, A. J., and Grandahl.)
- Silent Glow Oil Burner Corporation, The. (See Neumann, Frederick F., assignor.)
- Silent Glow Oil Burner Corporation, The. (See Sherman, R. M., and Gilbert, assignors.)
- Silesia, Verein Chemischer Fabriken. (See Schlösser, P., Bartsch, and Kallner, assignors.)
- Silfree Aktiengesellschaft. (See Roehrich, Carl, assignor.)
- Silfree Aktiengesellschaft (Silfree Limited). (See Roehrich, Carl, assignor.)
- Silica Company of California, Ltd. (See Hubbell, Irving D., assignor.)
- Silica Gel Corporation, The. (See Barclay, Earle H., assignor.)
- Silica Gel Corporation. (See Connolly, Gerald C., assignor.)
- Silica Gel Corporation. (See Connolly, G. C., and Miller, assignors.)
- Silica Gel Corporation, The. (See Connolly, G. C., and Pierce, assignors.)
- Silica Gel Corporation, The. (See Fonda, Bayard P., assignor.)
- Silica Gel Corporation, The. (See Latshaw, M., and Judefind, assignors.)
- Silica Gel Corporation, The. (See Miller, Ernest B., assignor.)
- Silica Gel Corporation, The. (See Miller, E. B., and Connolly, assignors.)
- Silica Gel Corporation, The. (See Miller, E. B., and Fonda, assignors.)
- Silica Gel Corporation, The. (See Patrick, W. A., and Barclay, assignors.)
- Silica Gel Corporation, The. (See Reyerson, Lloyd H., assignor.)
- Silica Products Company. (See Cross, Roy, assignor.)
- Sill, Mary U., Baltimore, Md. Clock. Des. 89,217; Feb. 7.
- Sillcocks, Warren S., Monmouth Beach, assignor, by mesne assignments, to Lusteroid Container Company, Inc., Maplewood, N. J. Closure for collapsible tubes. 1,914,584; June 20.
- Silleys, Donald A., Dallas, Tex. Separator. 1,917,606; July 11.
- Sillers, Donald A., Dallas, Tex. Separating device. 1,920,437; Aug. 1.
- Sillers, Donald A., Dallas, Tex. Mist extractor. 1,928,706; Oct. 3.
- Sillince, William P., London, assignor to Alfred Wiseman Limited, Birmingham, England. Pump mechanism for effecting a pressure feed of liquids. 1,894,834; Jan. 17.
- Slurificio Whitehead di Fiume Società Anonima. (See Belluzzo, Giuseppe, assignor.)
- Silva, Jesus R., and A. Krahmer, El Paso, Tex. Brush holder. 1,910,132; May 23.
- Silva, Manuel C., Los Banos, Calif. Road scraper. 1,918,669; July 18.
- Silva, Manuel M., Gustine, Calif. Farm dumping vehicle. 1,940,025; Dec. 19.
- Silven, Herbert A. (See Belden, A. G., and Silven.)
- Silver, Bertha, administratrix. (See Storey, O. W., and Silver.)
- Silver, Charles A. (See Storey, O. W., and Silver.)
- Silver, Drayton A., Goldendale, and J. W. Silver, Tacoma, Wash. Gold saving machine. 1,939,143; Dec. 12.
- Silver, Elizabeth H. (See Covone, Matthew, assignor.)
- Silver, Frank P. (See Bagley, F. C., and Silver.)
- Silver, James W., Ogden, Utah. Leaf catcher for beet dumps, etc. 1,895,268; Jan. 24.
- Silver, Jesse W. (See Silver, Drayton A. and J. W.)

- Silver, Jesse W., Tacoma, Wash., assignor to Sanitary Garbage Body Mfg. Co. Vehicle for collection and hauling of garbage. 1,920,485; Aug. 1.
- Silver, John A., assignor to F. J. Stokes Machine Co., Philadelphia, Pa. Still and process of water distillation. 1,939,418; Dec. 12.
- Silver, Joseph, and F. Wallmer, New York, N. Y. Hand sharpener for scissors. 1,941,367; Dec. 26.
- Silver, Myer S., Brookline, Mass. Stocking protector. 1,914,463; June 20.
- Silver, Walter H. (See Brown, T., Strandlund, and Silver.)
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tractor guide. 1,900,525; Mar. 7.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Ridge burster. 1,906,113; Apr. 25.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 1,910,185; May 23.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Plow. 1,913,004; June 6.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Tractor lister cultivator. 1,923,400; Aug. 22.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister cultivator. 1,928,318; Sept. 26.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister cultivator. 1,928,319; Sept. 26.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister cultivator. 1,928,320; Sept. 26.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 1,928,952; Oct. 3.
- Silverman, Alexander, C. J. Engelder, Pittsburgh, and M. Blumer, Ingram, Pa. Making catalysts. 1,909,133; May 16.
- Silverman, Charles, Providence, R. I. Collar holder. Des. 89,218; Feb. 7.
- Silverman, Charles, Providence, R. I. Collar holder. Des. 89,219; Feb. 7.
- Silverman, Charles, Providence, R. I. Collar holder. Des. 89,220; Feb. 7.
- Silverman, Jack R., Dayton, Ohio, assignor, by mesne assignments, of one-half to The Univis Corporation, Wilmington, Del., and one-half to United Kingdom Optical Company, Limited, London, England. Lens. 1,912,165; May 30.
- Silverman, Joseph, Chicago, Ill. Foot for supporting legs and the like. 1,893,910; Jan. 10.
- Silverman, Joseph, Chicago, Ill. Aerial craft construction. 1,906,114; Apr. 25.
- Silverman, Max, New York, N. Y. Apparel belt. Des. 90,632; Sept. 5.
- Silverman, Mortimer. (See Dole, M. W., and Silverman.)
- Silvernail, Howard A., Cleveland, Ohio. Detachable platform. 1,898,504; Feb. 21.
- Silvester, Lisa, et al. (See Silvester, Thomas P., assignor.)
- Silvester, Thomas P., assignor of one third to L. Silvester and one third to V. J. Silvester, New York, N. Y. Marble working machine. 1,905,190; Apr. 25.
- Silvester, Vincent J., et al. (See Silvester, Thomas P., assignor.)
- Silvestri, Vincent, assignor, by mesne assignments, of one-half to A. Guinzberg, Yonkers, N. Y. Shoe construction. 1,913,173; June 6.
- Sim, James, Cathcart, Glasgow, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Controlling the supply of feed water to boilers. 1,926,919; Sept. 12.
- Sim, James, assignor to G. & J. Weir, Limited, Cathcart, Glasgow, Scotland. Centrifugal pump. 1,934,013; Nov. 7.
- Simanek, Wenzel J., Racine, Wis. Advertising frame. 1,901,990; Mar. 21.
- Simanek, Wenzel J., Racine, Wis. Frame. 1,901,991; Mar. 21.
- Simcoe, Harold E. (See Brewer, Francis A., assignor.)
- Simcoe Manufacturing Company. (See Simons, Julius, assignor.)
- Simcox, Milan B., assignor to A. G. Bemmels, Minneapolis, Minn. Cigarette holder. 1,898,220; Feb. 21.
- Simjian, Luther G., New Haven, Conn. Pose-reflecting system for photographic apparatus. 1,893,211; Jan. 3.
- Simjian, Luther G., New Haven, Conn. Pose-reflecting photographic apparatus. 1,897,772; Feb. 14.
- Simjian, Luther G., New Haven, Conn. Pose-reflecting apparatus. 1,908,869; May 16.
- Simjian, Luther G., New Haven, Conn. Negative-developing and printing device. 1,918,061; July 11.
- Simjian, Luther G., New Haven, Conn. Pose reflecting apparatus. 1,919,642; July 25.
- Simjian, Luther G., New Haven, Conn. Pose reflecting system. 1,926,657; Sept. 12.
- Simjian, Luther G., New Haven, Conn. Pose-reflecting photographic apparatus. 1,928,677; Oct. 3.
- Simjian, Luther G., New Haven, Conn. Automatic developing apparatus. 1,939,144; Dec. 12.
- Simkins, Howard D., East Cleveland, and O. P. De Loe, assignors to The Superior Screw & Bolt Manufacturing Company, Cleveland, Ohio. Machine for finishing bolts and screws. 1,920,600; Aug. 1.
- Simmen, Oscar, Erlach, Switzerland, assignor to the Firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Water cooled internal combustion engine cylinder. 1,902,528; Mar. 21.
- Simmen, Oscar, Erlach, assignor to the Firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Fuel injection device for internal combustion engines. 1,919,601; July 25.
- Simmen, Oscar, Erlach, assignor to firm: Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Internal combustion engine, more particularly for ship propulsion. 1,925,505; Sept. 5.
- Simmon, Karl A., Edgewood, Pa. Motor vehicle. 1,921,588; Aug. 8.
- Simmonds, John E., Toorak, and C. Peterson, Elsternwick, Victoria, Australia. Safety closure device for containers of volatile liquids. 1,933,486; Oct. 31.
- Simmons Automatic Valve Company. (See Simmons, John T., assignor.)
- Simmons, Byron L., Freewater, Oreg. Wheel hoe. 1,917,333; July 11.
- Simmons Company. (See Berna, John V., assignor.)
- Simmons Company. (See Busch, Charles H., assignor.)
- Simmons Company. (See Gail, John F., assignor.)
- Simmons Company. (See Harman, Frank B., assignor.)
- Simmons Company. (See Kusterle, Frank, assignor.)
- Simmons Company. (See Stuart, Charles A., assignor.)
- Simmons, Ernest W., assignor of one-third to J. H. Gibson, Marfance, and one-third to R. H. Nelson, Quinwood, W. Va. Automatic car coupler. 1,912,862; June 6.
- Simmons, Ernest W., assignor of one-third to J. H. Gibson, Marfance, and one-third to Roy H. Nelson, Quinwood, W. Va. Automatic car coupler. 1,912,863; June 6.
- Simmons, Finn, assignor to Nufold Furniture Company, Chicago, Ill. Table construction. 1,909,905; May 16.
- Simmons, Frederick M. (See Simmons, William B., assignor.)
- Simmons, H. C., Sons. (See Simmons, William B.)
- Simmons, Harry E. (See Ziegler, P. F., and Simmons.)
- Simmons, Herbert G., Kokomo, Ind. Doorcheck. 1,931,271; Oct. 17.
- Simmons, Herman M. (See Simmons, William B., assignor.)
- Simmons, Jack W., Tallahassee, Fla. Crate. 1,909,727; May 16.
- Simmons, John A. (See Simmons, Joseph W. and J. A.)
- Simmons, John T., Gladewater, assignor to Simmons Automatic Valve Company, Longview, Tex. Apparatus and removing fluids from wells. 1,927,958; Sept. 26.
- Simmons, John T., El Dorado, Ark., assignor to Erle P. Halliburton, Los Angeles, Calif. Method and apparatus for testing the productivity of formations encountered in wells. 1,930,987; Oct. 17.
- Simmons, John W., Cleveland, Ohio. Massaging device and razor sharpener. 1,913,250; June 6.
- Simmons, John W., Cleveland, Ohio, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Speed indicating device. 1,906,187; Apr. 25.
- Simmons, John W., Cleveland, Ohio, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Speed indicating device. 1,920,113; July 25.
- Simmons, Joseph W. and J. A., Salisbury, N. C. Stone saw. 1,903,518; Apr. 11.
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,901,127; Mar. 14.
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,931,560; Oct. 24.
- Simmons, Oliver G., Lakewood, Ohio. Cutting the teeth of gears. 1,904,956; Apr. 18.
- Simmons, Paul R., assignor to Indiana Fibre Products Company, Marion, Ind. Forming low tensile paper stock into perfect rim plates and apparatus therefor. 1,912,733; June 6.
- Simmons, Paul R., assignor to Indiana Fibre Products Company, Marion, Ind. Box folding machine. 1,923,121; Aug. 22.
- Simmons, Paul R., assignor to Indiana Fibre Products Company, Marion, Ind. Universal continuous folder for boxes. 1,936,338; Nov. 21.
- Simmons, Ralph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making woven fabrics. 1,923,168; Aug. 22.
- Simmons, Ralph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sole and making the same. 1,923,169; Aug. 22.
- Simmons, Richard P., New York, N. Y. Cement lining for oil wells. 1,896,104; Feb. 7.
- Simmons, Richard P., New York, N. Y. Percussive well drilling apparatus. 1,896,105; Feb. 7.
- Simmons, Richard P., New York, N. Y. Core barrel well drilling apparatus. 1,896,106; Feb. 7.
- Simmons, Richard P., New York, N. Y. Underreamer well drilling apparatus. 1,896,107; Feb. 7.
- Simmons, Richard P., New York, N. Y. Cutter head for well drills. 1,896,109; Feb. 7.
- Simmons, Richard P., New York, N. Y. Making wells. 1,896,110; Feb. 7.
- Simmons, Richard P., New York, N. Y. Maintaining oil wells in flowing condition and conserving the natural gas supply thereof. 1,896,111; Feb. 7.
- Simmons, Richard P., New York, N. Y. Constructing and operating oil wells. 1,896,112; Feb. 7.
- Simmons, Richard P., Larrelton, Long Island, N. Y. Well pumping apparatus. 1,896,108; Feb. 7.

- Simmons, Spar A., Viola, Wis. Draft appliance for agricultural machinery and implements. 1,938,938; Dec. 12.
- Simmons, William B. (See Simmons, William B., assignor.)
- Simmons, William B., Bennington, assignor to W. B. Simmons, Herman McC. Simmons, and F. M. Simmons, copartners, doing business under the firm name of H. C. Simmons' Sons, North Bennington, Vt. Boiler. 1,908,547; May 9.
- Simmons, William H., Level Run, Va., assignor to E. O. Hochmuth and C. F. Otto, Detroit, Mich. Dust shield for brake drums. 1,927,816; Sept. 19.
- Simmons, William J., Lockport, N. Y. Closure for containers. 1,926,311; Sept. 12.
- Simms, William W. (See Michaud, Onesime E., assignor.)
- Simning, Roy B., assignor of one-fourth to Rollo G. Lacy, Duluth, Minn. Vehicle. 1,900,590; Mar. 7.
- Simon, Alfred W., Birmingham, L. C. Kron, C. H. Watson, Ensley, and H. Raymond, Pratt City, Ala. Apparatus for measuring dust concentration. 1,937,721; Dec. 5.
- Simon, Alfred W., Birmingham, L. C. Kron, Ensley, and H. Raymond, Pratt City, Ala. Dust and smoke density measuring device. 1,937,722; Dec. 5.
- Simon, Arthur B., La Porte, Ind., and W. R. Uhlemann, assignors of one-third to Richard H. Uhlemann, Chicago, Ill. Attachment for spectacles. 1,899,903; Feb. 28.
- Simon, Desiderius, Long Island, N. Y. Shock absorber. 1,906,643; May 2.
- Simon, Forest C., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Cake molding or forming machine. 1,896,563; Feb. 7.
- Simon, Forest C., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Latch mechanism for cake formers and the like. 1,896,564; Feb. 7.
- Simon, Franklin, & Company, Inc. (See Hennessy, Mary C., assignor.)
- Simon, Franklin, & Company. (See Long, Dorothy, assignor.)
- Simon, Franz. (See Keyser, A., and Simon.)
- Simon, Georges, Brussels, assignor to Société Anonyme d'Ougree Marliaye, Ougree, Belgium. Heat recuperating apparatus of the cowper type and a brick for the honeycomb structure. 1,895,235; Jan. 24.
- Simon, Hanna O., Erie, Pa. Cleaning cover for brooms. 1,929,082; Oct. 3.
- Simon, Hans, assignor to G. Wagner, Hanover, Germany. Duplicating stencil. 1,902,914; Mar. 28.
- Simon, Hans, assignor to G. Wagner, Hanover, Germany. Stencil sheet. 1,915,904; June 27.
- Simon, Hellmut, Berlin-Friedenau, Germany, assignor to General Electric Company. Preventing arc back. 1,899,594; Feb. 28.
- Simon, Hellmut, Friedenau, and J. Bingel, Charlottenburg, Berlin, Germany, assignors to General Electric Company. Vacuum tube. 1,914,218; June 13.
- Simon, Hellmut, assignor to Telefunken Gesellschaft fur drahtlose Telegraphie m. b. H., Berlin, Germany. Manufacture of grid electrodes. 1,934,097; Nov. 7.
- Simon, Julius, Rochester, N. Y. Fancy crystal inserter. 1,916,024; June 27.
- Simon, Lester S., Larchmont, N. Y. Light-regulating device. 1,930,254; Oct. 10.
- Simon, Louis, New York, N. Y. Dustless street cleaning truck. 1,893,967; Jan. 10.
- Simon, Lucien, and R. Marcon, Paris, France; said Marcon assignor, by mesne assignments, to said Simon. Shock absorber. 1,921,951; Aug. 8.
- Simon, Peter M., Salem, N. H. Fuel saver and decarbonizer. 1,925,971; Sept. 5.
- Simon, Walter. (See Krauch, C., Pier, and Simon.)
- Simon, Walter. (See Pier, M., and Simon.)
- Simon, Walter. (See Pier, M., Ringer, and Simon.)
- Simon, Walter. (See Pier, M., Winkler, and Simon.)
- Simonds, Dewey T., Schenectady, N. Y., assignor to General Electric Company. Signaling system. 1,914,219; June 13.
- Simonds Saw and Steel Company. (See Howard, Leslie E., assignor.)
- Simonds Saw and Steel Company. (See Remington, Alfred M., assignor.)
- Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Gudgeon locking device. 1,914,048; June 13.
- Simoneit, Karl. (See Horbach, P., and Simoneit.)
- Simonides, Bruno, Mannheim, Germany. Stocking drying and shaping form. 1,915,453; June 27.
- Simons, Aaron, Bronx, assignor to Morris Simons, New York, N. Y. Making drawing dies. 1,904,698; Apr. 18.
- Simons, Aaron, Bronx, N. Y. Drawing dies. 1,939,468; Dec. 12.
- Simons, Aaron, Bronx, N. Y. Fowl plucker. 1,939,469; Dec. 12.
- Simons, Abraham, New York, N. Y. Machine for shaping wire-drawing dies. 1,928,440; Sept. 26.
- Simons, Jewett C. (See Bassett, H. P., and Simons.)
- Simons, Julius, assignor to Simcoe Manufacturing Company, Philadelphia, Pa. Combined ink setter and static eliminator. 1,903,840; Apr. 18.
- Simons, Morris. (See Simons, Aaron, assignor.)
- Simons, Morris, New York, N. Y. Wire drawing die. 1,935,821; Nov. 21.
- Simonsen, Irving P. (See Huston, Simonsen, Gilliland, Huffman, Higgings, and Schrodek.)
- Simonsen, Irving P., assignor to M. M. Harding, Los Angeles, Calif. Pad clamp for duplicating machines. 1,928,233; Sept. 26.
- Simonsen, Irving P., and A. C. Huston, Los Angeles, Calif., said Simonsen assignor to said Huston. Magnetic die. 1,895,401; Jan. 24.
- Simonsen, Irving P., and E. Jacobsen, assignors to M. M. Harding, Los Angeles, Calif. Stenciling machine. 1,928,234; Sept. 26.
- Simonson, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 1,938,754; Dec. 12.
- Simonton, Charles P., et al. (See Simonton, John H., assignor.)
- Simonton, Hugh E., Memphis, Tenn. Paper trimmer. 1,940,976; Dec. 23.
- Simonton, John H., Brighton, assignor of forty-nine per cent to C. P. Simonton, and C. B. Simonton, Covington, Tenn. Opening and closing device for car doors. 1,940,191; Dec. 19.
- Simpkins, Roscoe C., Norman, Okla. Vagina syringe. 1,915,803; June 27.
- Simple Wire and Cable Company. (See Boggs, Charles R., assignor.)
- Simplex Engineering Company. (See Amsler, Walter O., assignor.)
- Simplex Engineering Company. (See Frazier, Chauncey E., assignor.)
- Simplex Engineering Company. (See Raymond, Thomas E., assignor.)
- Simplex Equipment Company. (See Coffee, Bassett M., assignor.)
- Simplex Equipment Company. (See Creveling, John L., assignor.)
- Simplex Gas Products Corporation. (See Donohue, Anthony J., assignor.)
- Simplex Paper Box Corporation. (See Gross, Ralph A., assignor.)
- Simplex Paper Box Corporation. (See Gross, Ralph A., assignor.)
- Simplex Piston Ring Company of America, Incorporated, The. (See Gray, Harry F., assignor.)
- Simplex Piston Ring Company of America, Inc., The. (See McMinn, C. R., Robinson, and Holliday, assignors.)
- Simplex Piston Ring Company of America, Inc., The. (See Solenberger, Dean M., assignor.)
- Simplex Shoe Manufacturing Co., The. (See Vogel, Theodore F., assignor.)
- Simplex Shoe Tree Co. (See Horsting, Bernard F., assignor.)
- Simplex Steel Products Company. (See Berger, Louis A., assignor.)
- Simplex Valve & Meter Company. (See Borden, Moro M., assignor.)
- Simplex Valve & Meter Co. (See Ledoux, John W., assignor.)
- Simplifix Patents Limited. (See Lamont, Boyd N. R., assignor.)
- Simpson, Adele S., New York, N. Y., assignor to Associated Merchandising Corporation, New York, N. Y. Dress. Des. 89,247; Feb. 7.
- Simpson, Arthur M., assignor to Van Kannel Revolving Door Company, New York, N. Y. Pressure transmitting fluid composition. 1,912,314; May 30.
- Simpson, Clarence, Walla Walla, Wash. Repair tool for rubber articles. 1,908,871; May 16.
- Simpson, Clarence E., Springfield, and W. R. Bull, Longmeadow, Mass. Gun. 1,932,424; Oct. 31.
- Simpson, Emory G. (See Haskins, H. B., and Simpson.)
- Simpson, Frank, Fort Worth, Tex. Photography light reflector. 1,903,071; Mar. 28.
- Simpson, Fredrick C. (See Allen, G. Jr., and Simpson.)
- Simpson, Geoffrey A. G. (See Miller, J. A., Watkins, and Simpson.)
- Simpson, George L., Coraopolis, assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Controlling temperature. 1,893,847; Jan. 10.
- Simpson, George L., Coraopolis, assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace. 1,895,269; Jan. 24.
- Simpson, George L., Coraopolis, assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric heating furnace. 1,923,644; Aug. 22.
- Simpson, Herbert S. (See McElroy, R. H., and Meehan, assignors.)
- Simpson, Herbert S. (See McElroy, R. H., and Pape, assignors.)
- Simpson, Herbert S. (See Papp, Axel G. J., assignor.)
- Simpson, Hobart A., Ocean Grove, and T. D. Furhans, Highlands, N. J., assignors to Jones Research Sound Products, Inc. Recording and reproducing sound. 1,928,953; Oct. 3.
- Simpson, Howard W., assignor to Ford Motor Company, Dearborn, Mich. Engine muffler and manifold construction. 1,937,990; Dec. 5.
- Simpson, James A., Uvalde, assignor to Humble Oil & Refining Company, Houston, Tex. Pecan tree. Pl. Pt. 73; July 25.
- Simpson, James R., Wisconsin Rapids, Wis. Spreader. 1,896,205; Feb. 7.
- Simpson, James W. (See Mueller, F. H., and Simpson.)
- Simpson, James W., and F. H. Mueller, assignors to Mueller Co., Decatur, Ill. Corporation stop with off-set connection. 1,933,190; Oct. 31.

- Simpson, Jesse W., Anderson, S. C., assignor to Draper Corporation, Hopedale, Mass. Filling detector for looms. 1,896,332; Feb. 7.
- Simpson, John O., assignor to The E. Ingraham Company, Bristol, Conn. Clock. 1,905,655; Apr. 25.
- Simpson, John O., assignor to The E. Ingraham Company, Bristol, Conn. Watchcase. 1,913,217; June 6.
- Simpson, Julian, Bastrop, La. Combined permanent closure and loading head for oil tank cars. 1,914,464; June 20.
- Simpson, Kenneth M., New York, N. Y. Producing ferrochrome. 1,893,109; Jan. 3.
- Simpson, Kenneth M., New York, N. Y. Carbonizing process. 1,911,473; May 30.
- Simpson, Kenneth M., New York, N. Y. Process and apparatus for making chrome and similar steels. 1,925,940; Sept. 5.
- Simpson, Kenneth M., assignor to International Chromium Process Corporation, New York, N. Y. Furnace. 1,925,941; Sept. 5.
- Simpson, Kenneth M., assignor to International Chromium Process Corporation, New York, N. Y. Furnace. 1,925,942; Sept. 5.
- Simpson, Kenneth M., assignor to International Chromium Process Corporation, New York, N. Y. Making chromium steel. 1,939,795; Dec. 19.
- Simpson, Kenneth M., assignor to International Chromium Process Corporation, New York, N. Y. Metallurgical process and apparatus. 1,940,977; Dec. 26.
- Simpson Motor Corporation. (See Simpson, Napoleon B., assignor.)
- Simpson, Napoleon B., assignor to Simpson Motor Corporation, San Francisco, Calif. Valve. 1,894,546; Jan. 17.
- Simpson, Ray, River Forest, Ill., assignor, by mesne assignments, to Jewell Electrical Instrument Company. Electrical measuring instrument. 1,899,885; Feb. 28.
- Simpson, Ray, River Forest, Ill., assignor, by mesne assignments, to Jewell Electrical Instrument Company. Electrical measuring instrument. 1,901,197; Mar. 14.
- Simpson, Robert C., and G. E. Edgar, New London, assignors to Electric Boat Company, Groton, Conn. Submarine boat and cutting means therefor. 1,931,772; Oct. 24.
- Simpson, Robert D., Columbus, Ohio. Container. 1,925,466; Sept. 5.
- Simpson, Stephen, Exmouth, E. W. Smith, London, and S. Robinson, Liverpool, assignors to United Gas Industries Limited, London, England. Gas and similar meter. 1,918,875; July 18.
- Simpson, Thomas A., London, England, assignor to General Motors Corporation, Detroit, Mich. Spare wheel carrier. 1,928,115; Sept. 26.
- Simpson, Walter S., assignor, by mesne assignments, to Arthur Koenreich, Canton, Ohio. Vacuum cleaner. 1,940,609; Dec. 19.
- Simpson, William B., Campbell, Calif. Spreader. 1,904,989; Apr. 18.
- Simpson, William J., Everett, Mass., assignor, by mesne assignments, to The Electric Smelting & Aluminum Co., Cleveland, Ohio. Cutting apparatus. 1,897,534; Feb. 14.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Vacuum check air valve for vapor heating systems. 1,916,695; July 4.
- Simpson, William R., Creston, assignor to Thermoid Rubber Company, Trenton, N. J. Burnishing machine. 1,906,201; Apr. 25.
- Simpson, Wright & Lowe, Limited. (See Corah, William, assignor.)
- Sims, Brian M. W. (See Maeder, F., and Sims.)
- Sims, Ernest M., Elkhart, Ind., and L. W. Harter, Niles, Mich., assignors to Artillery Metal Products, Inc., Elkhart, Ind. Chair. 1,938,226; Dec. 5.
- Sims, Willis F., and V. U. Cloer, assignors to Panhandle Refining Company, Wichita Falls, Tex. Apparatus for Sims, Willis F., and V. U. Cloer, assignors to Panhandle Refining Company, Wichita Falls, Tex. Apparatus for treating hydrocarbon vapors. 1,930,372; Oct. 10.
- Sinclair, Alfred J., and J. W. Sailer, assignors to Chrysler Corporation, Detroit, Mich. Shock-absorbing mounting. 1,940,330; Dec. 19.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. Des. 89,455; Mar. 14.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Riveting machine. 1,932,806; Oct. 31.
- Sinclair, Harold, Surbiton, Surrey, England. Hydraulic coupling. 1,937,364; Nov. 28.
- Sinclair, Harold, Surbiton Hill, England. Hydraulic coupling or gear. 1,938,357; Dec. 5.
- Sinclair, Harry R., et al., trustees. (See Dodge, John H. and J. S., and Ekman assignors.)
- Sinclair, Neil, assignor to Rip Van Winkle Wall Bed Company, Inc., Oakland, Calif. Folding bed cover clamp. 1,929,657; Oct. 10.
- Sinclair Prairie Oil Company. (See Milton, George R., assignor.)
- Sinclair Refining Company. (See Argyle, W. R., and Taylor, assignors.)
- Sinclair Refining Company. (See Herthel, Eugene C., assignor.)
- Sinclair Refining Company. (See Ischle, William V., assignor.)
- Sinclair Refining Company. (See Kaasa, Orin G., assignor.)
- Sinclair Refining Company. (See Pelzer, Harry L., assignor.)
- Sinclair Refining Company. (See Pelzer, H. L., and Herthel, assignors.)
- Sinclair Refining Company. (See Runyan, Arthur, assignor.)
- Sinclair Refining Company. (See Tinker, Frank, assignor.)
- Sinclair Refining Company. (See Vobach, A. C., and Rogers, assignors.)
- Sinden, Alfred D., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Bin gate. 1,924,419; Aug. 29.
- Sinden, Roger H., Caldwell, N. J., assignor to Westinghouse Lamp Company. Getter capsule. 1,895,867; Jan. 31.
- Sinderson, John B., assignor to Barber-Colman Company, Rockford, Ill. Method of and machine for hobbing gears and the like. 1,905,310; Apr. 25.
- Sinderson, John B., assignor to Barber-Colman Company, Rockford, Ill. Method of and machine for hobbing gear teeth. 1,905,311; Apr. 25.
- Sinderson, John B., assignor to Barber-Colman Company, Rockford, Ill. Machine for hobbing gear sectors. 1,935,379; Nov. 14.
- Singer, Benjamin F., and J. J. Ehemann, Lancaster, Pa. Safety device. 1,904,015; Apr. 18.
- Singer, Donald K., Hartford, Conn., assignor to The B. F. Goodrich Company, New York, N. Y. Buffing apparatus. 1,899,427; Feb. 28.
- Singer, Fred J., Rockville Center, N. Y., assignor to American Telephone and Telegraph Company. Telegraph system. 1,935,750; Nov. 21.
- Singer, Frederick O. (See Klemm, E. R., jr., and Singer.)
- Singer, Fritz, Nuremberg, Germany. Hot extrusion method. 1,892,789; Jan. 3.
- Singer, Fritz, Nuremberg, Germany. Treating billets prior to extrusion. 1,912,015; May 30.
- Singer, Fritz, Nuremberg, Germany. Manufacture of castings. 1,925,823; Sept. 5.
- Singer, Hanns, Berlin-Steglitz, Germany, assignor to General Electric Company. Indicating device. 1,918,068; July 11.
- Singer, Hayward, et al. (See Tavis, John, assignor.)
- Singer, Isser, New York, N. Y. Belt. Des. 90,783; Sept. 26.
- Singer, M., & Sons. (See Tavis, John, assignor.)
- Singer Manufacturing Company, The. (See Allen, Edward B., assignor.)
- Singer Manufacturing Company, The. (See Allen, E. B., and Myers, assignors.)
- Singer Manufacturing Company, The. (See Andres, William A., assignor.)
- Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)
- Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
- Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
- Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
- Singer Manufacturing Company, The. (See Corral, Herbert, assignor.)
- Singer Manufacturing Company, The. (See Corral, H., and Heggie, assignors.)
- Singer Manufacturing Company, The. (See De Voe, Albert H., assignor.)
- Singer Manufacturing Company, The. (See Diehl, Frederick, assignor.)
- Singer Manufacturing Company, The. (See Eames, George M., assignor.)
- Singer Manufacturing Company, The. (See Fleckenstein, George A., assignor.)
- Singer Manufacturing Company, The. (See Goosman, Herbert J., assignor.)
- Singer Manufacturing Company, The. (See Grieb, Alfred, assignor.)
- Singer Manufacturing Company. (See Herr, Park A., assignor.)
- Singer Manufacturing Company, The. (See Hertz, Hjalmar, assignor.)
- Singer Manufacturing Company, The. (See Kaier, Richard, assignor.)
- Singer Manufacturing Company, The. (See Karle, John D., assignor.)
- Singer Manufacturing Company, The. (See Miller, Henry C.)
- Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
- Singer Manufacturing Company. (See Orvis, Thomas C., assignor.)
- Singer Manufacturing Company, The. (See Parkes, William N., assignor.)
- Singer Manufacturing Company, The. (See Peets, Wilbur J., assignor.)
- Singer Manufacturing Company, The. (See Rickey, W. J., and Tivendale, assignors.)
- Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
- Singer Manufacturing Company, The. (See Tivendale, W., and Baxter, assignors.)
- Singer Manufacturing Company, The. (See Vollman, Joseph, assignor.)

- Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)
- Singer Manufacturing Company, The. (See Webb, Irving F., assignor.)
- Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)
- Singer, Mendel, et al. (See Tavis, John, assignor.)
- Singer, Nathan, Montreal, Quebec, Canada, assignor to Stone Straw Corporation, Washington, D. C. Cutting mechanism. 1,934,997; Nov. 14.
- Singer, Nathaniel, et al. (See Tavis, John, assignor.)
- Singer, Samuel, et al. (See Tavis, John, assignor.)
- Singer, Samuel, San Francisco, Calif. Automatic weighing and calculating machine. 1,913,093; June 6.
- Singer, Walter M., Glendale, Calif. Quick coupling device. 1,899,119; Feb. 28.
- Singer, William E., administrator. (See Grund, Fletcher D.)
- Singletary, Benjamin H., Baton Rouge, La. Tobacco pipe. 1,897,535; Feb. 14.
- Singleton, Gray, Fort Meade, and R. P. Thornton, Lakeland, Fla. Fertilizer material and preparing the same. 1,918,233; July 11.
- Singmaster, James A., Bronxville, N. Y. Production of cement. 1,904,699; Apr. 18.
- Sink, James F., Winston-Salem, N. C. Telephone installation apparatus. 1,905,402; Apr. 25.
- Sinko, John, Chicago, Ill. Cigar lighter. 1,910,066; May 23.
- Sinko, John, Chicago, Ill. Cigar lighter. 1,910,067; May 23.
- Sinko, John, Chicago, Ill. Ash receiver for automobiles. 1,931,093; Oct. 17.
- Sinner, Emil, assignor to Clum Manufacturing Company, Milwaukee, Wis. Switch. 1,919,345; July 25.
- Sinner, John B. (See Sinner, O. A. and J. B.)
- Sinner, Oscar A. and J. B., San Diego, Calif. Bottle opener. Des. 90,784; Sept. 26.
- Sinning, Clyde, Elkhart, Ind. Collapsible dressing compartment. 1,925,467; Sept. 5.
- Sintering Machinery Corporation. (See Stehli, Henry J., assignor.)
- Sioberg, Charles F., assignor to York Safe & Lock Company, York, Pa. Chest depository. 1,905,572; Apr. 25.
- Sioberg, Charles F., assignor to York Safe and Lock Company, York, Pa. Inner partition for burglarproof chest. 1,928,441; Sept. 26.
- Sioberg, Charles F., assignor to York Safe & Lock Company, York, Pa. Depository for burglarproof chests. 1,935,959; Nov. 21.
- Sipe Specialty Company. (See Mays, Oscar, assignor.)
- Sipe, Diamond D., New York, N. Y. Combination dress and apron. 1,932,940; Oct. 31.
- Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company, Meadville, Pa. Fastening device. 1,929,083; Oct. 3.
- Sipe, Luther E., Conover, N. C. Automatic fishing reel. 1,907,272; May 2.
- Sipp-Eastwood Corporation. (See Sipp, Grant, assignor.)
- Sipp, Grant, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Beaming mechanism for warping and beaming machines. 1,908,192; May 9.
- Sippel, George B. (See Wachman, J., and Sippel.)
- Sippel, John J., Upper Darby, and W. F. Hennessy, assignors to The Wicaco Machine Corporation, Philadelphia, Pa. Rayon bleaching machine. 1,915,872; June 27.
- Siveland, Ivar E., St. Paul, Minn. Dental roll dispenser. 1,919,535; July 25.
- Siveland, Ivar E., St. Paul, Minn. Friction controlled spring. 1,933,768; Nov. 7.
- Siragusa, Josephine, New York, N. Y. Infant's shoe. 1,895,270; Jan. 24.
- Siri, Antone, San Francisco, Calif. Ventilating device. 1,914,305; June 13.
- Sirian Lamp Company. (See Heany, John A., assignor.)
- Sirmay, Julius. (See Albertman, H., and Sirmay.)
- Sisco, Alexander, Lorain, Ohio. Artificial bait. 1,926,459; Sept. 12.
- Sishe, Julius, Torrington, Wyo. Tractor operated beet loader. 1,902,383; Mar. 21.
- Sisk, Martin A., Pittsburgh, Pa. Surface drain. 1,910,186; May 23.
- Sisson, Clement F. (See Van Norden, Peter, assignor.)
- Sisson, Edgar G., Jr. (See MacLean, G., and Sisson.)
- Sisson, Glen R., Pendleton, Ind. Temperature-responsive control. 1,913,131; June 6.
- Sithens, Edward J., Cynwyd, Pa. Bookholder. 1,898,906; Feb. 21.
- Sittinger, Carl J., Winchester, Mass. Power control of interconnected electric generating and distributing systems. 1,939,145; Dec. 12.
- Sittner, George H., Schenectady, N. Y., assignor to General Electric Company. Die lapping machine. 1,912,016; May 30.
- Six, Walter J., Indianapolis, Ind. Making piston rings. 1,933,568; Nov. 7.
- Six, Walter J., Indianapolis, Ind., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing manufacture. 1,920,022; July 25.
- Six, William, and A. L. Timmer, assignors to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Amplifying installation. 1,911,721; May 30.
- Six-Way Corporation. (See Barcalo, Edward J., assignor.)
- Six Wheel Corporation. (See Knox, Garner L., assignor.)
- Sizeler, Sidney, New Orleans, La. Finger ring. Des. 89,724; Apr. 25.
- Sizeler, Sidney, New Orleans, La. Finger ring. Des. 89,725; Apr. 25.
- Sizeler, Sidney, New Orleans, La. Finger ring. Des. 89,726; Apr. 25.
- Sizer, Albert W., Kingston-upon-Hull, England. Molding machine. 1,909,228; May 16.
- Sizer, Albert W., Hesse, England. Molding machine. 1,925,010; Aug. 29.
- Sjogreen, Svend A., Berkeley, and J. W. Johnson, San Francisco, Calif. Emblem holder for radiator caps. Des. 90,387; July 25.
- Sjogren, Oscar W., Huntington Park, and J. A. Vaughn, assignors to Killefer Manufacturing Corporation, Ltd., Los Angeles, Calif. Revolving scraper of the wheel type. 1,892,907; Jan. 3.
- Sjogren, Oscar W., Huntington Park, and J. A. Vaughn, assignors to Killefer Manufacturing Corporation, Ltd., Los Angeles, Calif. Hydraulic wheel scraper. 1,899,118; Feb. 28.
- Sjolander, John L., assignor to The Cleveland Wire Spring Co., Cleveland, Ohio. Spring dampener or cushion. 1,928,678; Oct. 3.
- Sjostrand, Hjalmar E., Ravala, Grangesberg, Sweden. Navigating apparatus and operating the same. 1,930,945; Oct. 17.
- Sjoström, Johannes, Gavle, Sweden. Door closer. 1,908,870; May 16.
- Sjowall, Hugo, Chicago, Ill. Trousers hanger. 1,897,078; Feb. 14.
- Skagerberg, Rutchner, St. Paul, Minn. Tent. 1,925,411; Sept. 5.
- Skaggs, Henry, Lookout, W. Va. Electric blasting reel and cable. 1,921,009; Aug. 8.
- Skaife, Arthur F., Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company. Elevator guide system. 1,905,248; Apr. 25.
- Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Floor or like construction. 1,909,134; May 16.
- Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Continuous flooring for bookstacks. 1,928,797; Oct. 3.
- Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Ventilation-controlling means for library stacks and like structures. 1,928,798; Oct. 3.
- Skareen, Oscar F., assignor, by mesne assignments, to A. F. Hebler, Toledo, Ohio. Dispenser. 1,928,603; Sept. 26.
- Skarstad, James C., Winona County, Minn. Milk and cream cooler and aerator. 1,913,731; June 13.
- Skaupy, Franz, Berlin, Germany. Apparatus for refracting light rays. 1,923,891; Aug. 22.
- Skaupy, Franz, Berlin-Lichterfelde, H. Ewest, Berlin, and H. Pulfrich, Berlin-Baumschulenweg, Germany, assignors to General Electric Company. Gaseous electric discharge device. 1,905,759; Apr. 25.
- Skeats, Arthur E. (See Waggonner, I. N., and Skeats.)
- Skeats, Wilfred F. (See Turnpenny, W., and Skeats.)
- Skeehan, John L., Baden, Pa. Structural shape turning machine. 1,916,025; June 27.
- Skell, Lewis, Meadville, Pa. Rotary cutter. 1,904,632; Apr. 18.
- Skell, Lewis, and J. A. Spohr, Meadville, Pa. Floating tool. 1,903,576; Apr. 11.
- Skell, Lewis, and F. P. Miller, assignors to McCrosky Tool Corporation, Meadville, Pa. Power hammer. 1,901,779; Mar. 14.
- Skell, Ray C. (See Bennett, F. E., and Skell.)
- Skellington, Edward T., et al. (See Foss, Leland L., assignor.)
- Skelllett, Albert M., Asbury Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring direct capacity. 1,909,842; May 16.
- Skelly Oil Company. (See Ginger, F. M., and Francis, assignors.)
- Skelly Oil Company. (See Smith, Kenneth J. and H. V., assignors.)
- Skelly Oil Company. (See Watkins, Walter G., assignor.)
- Skelton, William E., Lagrange, Ga. Incubator. 1,933,687; Nov. 7.
- Skenandoo Rayon Corporation. (See Gordon, Beirne, Jr., assignor.)
- Skidelsky, Michael J., Ottawa, Ontario, Canada. Vacuum clothes brush. 1,930,778; Oct. 17.
- Skillen, Jesse P., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company. Control system for dynamo-electric machines. 1,924,331; Aug. 29.
- Skilling, John M., Penns Grove, N. J., and O. J. Teeple, Jr., Cragmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Smokeless powder and manufacturing same. 1,924,464; Aug. 29.
- Skillman, Newton, assignor to O. & S. Bearing Co., Detroit, Mich. Self-aligning self-lubricating bearing and forming the same. Re18,843; May 30.
- Skillman, Newton, assignor to O. & S. Bearing Company, Detroit, Mich. Permanent connecting unit and forming same. 1,898,100; Feb. 21.
- Skillman, Newton, assignor to O. & S. Bearing Company, Detroit, Mich. Connecting unit for shock absorbers and the like. 1,909,430; May 16.

- Skillman, Newton, assignor to O. & S. Bearing Company, Detroit, Mich. Steering column bearing. 1,923,892; Aug. 22.
- Skillman, Newton, Highland Park, assignor to O. & S. Bearing Co., Detroit, Mich. Shaft mounting. 1,903,483; Apr. 11.
- Skillman, Newton, Highland Park, assignor to O. & S. Bearing Co., Detroit, Mich. Shaft mounting. 1,904,769; Apr. 18.
- Skillman, Newton, Highland Park, assignor to O. & S. Bearing Co., Detroit, Mich. Combined end thrust and self-aligning supporting bearing. 1,904,770; Apr. 18.
- Skillman, Newton, Highland Park, assignor to O. & S. Bearing Co., Detroit, Mich. Ball and socket connection. 1,916,744; July 4.
- Skillman, Newton, Highland Park, assignor to O. & S. Bearing Co., Detroit, Mich. Self-lubricating bearings and forming the same. 1,936,863; Nov. 28.
- Skillman, Newton, and J. P. Lavigne, assignors to O. & S. Bearing Company, Detroit, Mich. Ball stud. 1,913,459; June 13.
- Skillman, Newton, and J. P. Lavigne, assignors to O. & S. Bearing Company, Detroit, Mich. Combined end thrust and self-aligning supporting bearing. 1,931,998; Oct. 24.
- Skillman, Thomas S., et al. (See Grace, B. B., Skillman, Roche, and Sandeman.)
- Skindzier, Edward S., Chicago, Ill. Chart. 1,913,640; June 13.
- Skinner, Albert, West Chester, Ohio. Expansion joint for pavements and the like. 1,911,931; May 30.
- Skinner, Alson R., Cox City, Okla. Power coupling device. 1,917,858; July 11.
- Skinner, Bronson C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Fruit coloring room. 1,927,100; Sept. 19.
- Skinner, Bronson C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Can cooling apparatus. 1,939,087; Dec. 12.
- Skinner, Burr R., Aberdeen, S. Dak. Washable gauntlet glove. 1,934,332; Nov. 7.
- Skinner Chuck Company, The. (See Dahlman, Gustave R., assignor.)
- Skinner Chuck Company, The. (See Parsons, S. W., and Dahlman, assignors.)
- Skinner, Earnest F., Los Angeles, Calif. Apparatus for distilling hydrocarbon or other liquids. 1,932,712; Oct. 31.
- Skinner Engine Company. (See Mueller, Herman G., assignor.)
- Skinner, Fred B., Coffeyville, Kans. Stretcher. 1,903,536; Apr. 11.
- Skinner, John F., Rochester, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sewage treating apparatus. 1,925,679; Sept. 5.
- Skinner, Lawrence A., and D. D. Day, Atlanta, Ga., assignor to The Murray Company, Dallas, Tex. Lambrequin for cotton gins. 1,926,601; Sept. 12.
- Skinner, M. E., Co. (See Merrill, Patterson D., assignor.)
- Skinner, Robert A., New York, N. Y., assignor to Briggs & Stratton Corp., Milwaukee, Wis. One-piece metal cover for vehicle springs and making the same. 1,927,188; Sept. 19.
- Skinner, Stephen G., Los Angeles, Calif. Variable-speed drive. 1,929,611; Oct. 10.
- Skirrow, John F., South Orange, N. J. Drinking cup holder. 1,915,958; June 27.
- Sklar, S., Manufacturing Co. (See Sovatkin, Edward J., assignor.)
- Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Dirigible spotlight. 1,906,489; May 2.
- Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Dirigible light. 1,921,784; Aug. 8.
- Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Dirigible light. 1,921,785; Aug. 8.
- Sklenár, Ignacz, assignor of three-fourths to R. J. Keller, Budapest, Hungary. Internal combustion engine. 1,915,582; June 27.
- Skog, August W., Minneapolis, Minn. Lifting jack. 1,916,497; July 4.
- Skoglund, Leonard B., Fremont, Nebr. Mucilage container and spreader. 1,911,094; May 23.
- Skoko, Stephen, Portland, Ore. Combination automobile license carrier, bumper, and release. 1,905,007; Apr. 25.
- Skokowski, Mary, Los Angeles, Calif. Frozen confection. 1,929,906; Oct. 10.
- Sköldberg, Harry, Stockholm, Sweden. Apparatus for extracting liquid from material. 1,913,641; June 13.
- Skolnik, Max, assignor to Skolnik Patents Corporation, Chicago, Ill. Pulp making process. 1,924,660; Aug. 29.
- Skolnik, Max, assignor to Skolnik Patents Corporation, Chicago, Ill. Making felt paper pulp. 1,924,815; Aug. 29.
- Skolnik Patents Corporation. (See Skolnik, Max, assignor.)
- Skonieczny, William B., assignor to Packard Motor Car Company, Detroit, Mich. Air inlet blower for diesel engines. 1,936,121; Nov. 21.
- Skough, Harry L., Jamestown, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 1,933,395; Oct. 31.
- Skov, Henry A., Copenhagen, Denmark, assignor, by mesne assignments, to H. C. L. Dunker, Helsingborg, Sweden. Apparatus for making galoshes, shoes with rubber soles, and the like. 1,936,958; Nov. 28.
- Skoverski, John R., Berkeley, assignor of one-half to G. H. Roberts, and one-half to Joseph Schor, San Francisco, Calif. Contactor. 1,931,774; Oct. 24.
- Skow, Christopher W., Newton, Iowa. Disk supporting and feeding mechanism for disk sharpeners. 1,912,166; May 30.
- Skrainks, Ralph N., Clayton, and T. F. Bush, Webster Groves, Mo. Elevator for mines and quarries. 1,928,139; Sept. 26.
- Skrlec, Paul, and J. Budnik, Hamtramck, Mich. Bowling ball rack. 1,900,469; Mar. 7.
- Skroza, Thomas. (See Antich, Anton M., assignor.)
- Skui, Einar B., Holmen, Norway. Air pump. 1,933,223; Oct. 31.
- Slabaugh, William H., Cuyahoga Falls, and H. E. Waner, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Punch press. 1,908,563; May 9.
- Slaby, John. (See Koch, Herbert, assignor.)
- Slack, Charles M., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Electron discharge device. 1,920,601; Aug. 1.
- Slack, Charles M., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Focusing device for cathode rays. 1,937,849; Dec. 5.
- Slade, James V., Larchmont, assignor, by mesne assignments, to The Dor Company, Inc., New York, N. Y. Classifier. 1,916,392; July 4.
- Slade, Harold E., Glen Ridge, assignor to Beaver Manufacturing Company, Newark, N. J. Electrical outlet device. 1,933,078; Oct. 31.
- Slade, Leon D., assignor to Gleason Works, Rochester, N. Y. Gear cutting tool. 1,931,169; Oct. 17.
- Sladky, Alexander C., Milwaukee, Wis., assignor, by mesne assignments, to The Reeves Manufacturing Company, Dover, Ohio. Lock joint for metal pipes. 1,900,749; Mar. 7.
- Sladky, Alexander C. and J., Milwaukee, Wis. Mechanical movement. 1,939,284; Dec. 12.
- Sladky, Joseph. (See Sladky, Alexander C. and J.)
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Dispensing faucet. Des. 90,633; Sept. 5.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Control mechanism for evaporators. 1,900,526; Mar. 7.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Ice pan. 1,900,741; Mar. 7.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,900,742; Mar. 7.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator shelf means. 1,907,011; May 2.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,917,667; July 11.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,923,170; Aug. 22.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,923,171; Aug. 22.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,923,172; Aug. 22.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Tubing. 1,926,460; Sept. 12.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,926,461; Sept. 12.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Vaporizer for refrigerating apparatus. 1,929,936; Oct. 10.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator. 1,929,937; Oct. 10.
- Slagel, Franklin G., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Evaporator and shelf. 1,929,938; Oct. 10.
- Slager, Ernest. (See Jirka, J. F., McCurdy, Slager, and Ernest.)
- Slaght, Ace W., San Jose, Calif. Radiosignalling. 1,933,153; Oct. 31.
- Slagle, Clarence P., Selah, Wash. Wood sawing toy. 1,923,801; Aug. 22.
- Slagle, Willard J., assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Rug underlay. 1,905,008; Apr. 25.
- Slama, Vincent, and J. Herda, Corona, N. Y. Safety razor blade. 1,934,151; Nov. 7.
- Slanger, Leopold, Brooklyn, N. Y. Sleeve construction. 1,900,391; Mar. 7.
- Slater, Elmer C., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Bucket elevator. 1,925,024; Aug. 29.
- Slater, Fred M. (See Terry, E. F., and Slater.)

- Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air feed mounting for rock drills. 1,898,645; Feb. 21.
- Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 1,909,021; May 16.
- Slater, Margaret. (See Machinist, Harold, assignor.)
- Slater, N., Company. (See Milne, Winford G., assignor.)
- Slater, N., Company. (See Milne, W. G., and Elliott, assignors.)
- Slater, N., Company Limited. (See Ridgers, Frederick G., assignor.)
- Slattery, Daniel J., assignor of one-third to F. A. Hennig, one-third to L. C. Leggett, Calgary, Alberta, and one-third to Peter S. Graham, Kelowna, Canada. Magnetic lock. 1,933,126; Oct. 31.
- Slattery, Joseph J., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Advertising device. 1,921,102; Aug. 8.
- Slaughter, Charles E., Montclair, N. J. Milk bottle spout. Des. 90,425; Aug. 1.
- Slauson, William C., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 1,938,726; Dec. 12.
- Slavek, Frederick, New York, N. Y. Automatic power transmission. 1,894,894; Jan. 17.
- Slavick, Joseph V., Washington, D. C. Method of and appliance for waving hair. 1,939,323; Dec. 12.
- Slavik, Josef, Brunn, Czechoslovakia. Measuring arrangement of ratio of transformation and phase angles of voltage and current transformers. 1,901,336; Mar. 14.
- Slavin, Lionel L., assignor of one-half to S. Robinson, Brooklyn, N. Y. Construction, relative to frames. 1,916,536; July 4.
- Slayter, Games, Detroit, Mich., assignor to Owens-Illinois Glass Company. Heat insulator. 1,912,017; May 30.
- Slayton, Robert E., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,898,401; Feb. 21.
- Slee, Arthur L. (See Kalish, S., and Slee, assignors.)
- Sleeman, Harold P., assignor to The R. Thomas & Sons Company, East Liverpool, Ohio. Apparatus for protecting power-line insulators. 1,896,189; Feb. 7.
- Sleeper & Hartley, Inc. (See Nigro, Michel, assignor.)
- Sleeper & Hartley, Inc. (See Nigro, M., and Thomas, assignors.)
- Sleeper & Hartley, Inc. (See Thomas, Percival S., assignor.)
- Sleeper, Harvey P., Short Hills, N. J. Electrical test stick. 1,906,644; May 2.
- Sleeper, Milton B., New York, N. Y., assignor, by mesne assignments, to Television Products, Inc. Electrical controlling apparatus. 1,901,673; Mar. 14.
- Sleeper, Myron O., Hanson, assignor to G. A. Clapp, Brookline, and C. F. Woods, Winchester, receivers of E. H. Clapp Rubber Company, Boston, Mass. Weatherstrip. 1,901,780; Mar. 14.
- Sleeper, Myron O., Hanson, assignor to George A. Clapp, Brookline, and C. F. Woods, Winchester, receivers of E. H. Clapp Rubber Company, Boston, Mass. Making shoe welting. 1,901,781; Mar. 14.
- Sleeper, Oliver S., assignor to J. P. Devine Manufacturing Company, Mount Vernon, Ill. Pump. 1,901,417; Mar. 14.
- Sleeper, Oliver S., and C. J. Westin, assignors to F. J. Stokes Machine Company, Philadelphia, Pa. Rotary pump. 1,899,904; Feb. 28.
- Sleffel, Charles C., assignor to Superior Engine Company, Springfield, Ohio. Air manifold for internal combustion engines. 1,893,183; Jan. 3.
- Slemmer, Harold B. (See Trout, H. N., and Ellis, assignors.)
- Slemmer, William B., Malden, assignor to Warren Brothers Company, Cambridge, Mass. Apparatus designed for handling cement and like material. 1,902,145; Mar. 21.
- Slemmer, William B., Malden, assignor to Warren Brothers Company, Cambridge, Mass. Cement handling apparatus. 1,934,646; Nov. 7.
- Slepián, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil circuit breaker. 1,899,643; Feb. 28.
- Slepián, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,910,068; May 23.
- Slepián, Joseph, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,932,090; Oct. 24.
- Slepián, Joseph, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,927,904; Sept. 26.
- Slepián, Joseph, Pittsburgh, Pa., and R. C. Mason, Princeton, N. J., assignors to Westinghouse Electric and Manufacturing Company. Potential transformer fuse. 1,927,905; Sept. 26.
- Slepián, Joseph, Pittsburgh, Pa., and R. C. Mason, Princeton, N. J., assignors to Westinghouse Electric and Manufacturing Company. Fuse. 1,936,803; Nov. 28.
- Slesinger, Stephen, assignor to Stephen Slesinger, Inc., New York, N. Y. Bowl or similar article. Des. 89,360; Feb. 28.
- Slesinger, Stephen, assignor to Stephen Slesinger, Inc., New York, N. Y. Dish or similar article. Des. 89,361; Feb. 28.
- Slesinger, Stephen, assignor to Stephen Slesinger, Inc., New York, N. Y. Cup or similar article. Des. 89,362; Feb. 28.
- Slesinger, Stephen, Inc. (See Slesinger, Stephen, assignor.)
- Slezak, Vincent F., Jamaica, N. Y. Weighing scale. 1,898,146; Feb. 21.
- Slice, Henry W., assignor of one-half to G. Colella, Washington, D. C. Toy gun. 1,915,035; June 20.
- Slidell, Kemper, assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Tightly packing materials and product formed thereby. 1,912,544; June 6.
- Sildell, Kemper, Madison, Wis., and S. Q. Lee, West Chicago, Ill., assignors, by mesne assignments, to American Face Brick Research Corporation. Producing cellular building material. Re18,844; May 30.
- Sliekas, James. (See Van Wyngaarden, K., and Sliakas.)
- Slinger, Robert N. (See Burnham, E. J., and Slinger.)
- Slingerland, Henry H. (See Soderberg, Walter E., assignor.)
- Slizus, Joseph, Seattle, Wash. Pipe wrench. 1,927,719; Sept. 19.
- Sloan, Arthur W. (See Semon, W. L., and Sloan.)
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,899,120; Feb. 28.
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition and preserving rubber. 1,940,824; Dec. 26.
- Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck. Re18,787; Apr. 4.
- Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chucking mechanism. 1,906,490; May 2.
- Sloan, John F. (See Riess, F., and Sloan.)
- Sloan, John F., Peoria, Ill. Heater. 1,916,237; July 4.
- Sloan, John F., Peoria, Ill. Bone spike or peg. 1,933,825; Nov. 7.
- Sloan, Robert J., Elmhurst, N. Y. Furnace. 1,896,252; Feb. 7.
- Sloan, Theodore H., assignor to Macbeth-Evans Glass Company, Charleroi, Pa. Apparatus for and method of burning-off glassware. 1,937,723; Dec. 5.
- Sloan Valve Company. (See Kocour, Emil J., assignor.)
- Sloan, William E., Chicago, Ill. Flush valve. 1,925,412; Sept. 5.
- Sloane-Blabon Corporation. (See Kelly, Bernard J., assignor.)
- Sloane-Blabon Corporation. (See Kemmler, J. W., and Weigle.)
- Sloane-Blabon Corporation. (See Newell, Emerson R., assignor.)
- Sloane-Blabon Corporation. (See Van Horn, H. M., and Croce, assignors.)
- Sloane-Blabon Corporation. (See Whitney, William E., assignor.)
- Sloane, Nathan, New York, N. Y. Lady's handbag. Des. 91,181; Dec. 12.
- Sloane, W. & J. (See Fisher, William C., assignor.)
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyors. 1,894,923; Jan. 17.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Explosionproof motor. 1,917,607; July 11.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Electrical inclosure. 1,923,692; Aug. 22.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Power shovel. 1,930,694; Oct. 17.
- Slobotkin, Nathan, Brooklyn, N. Y. Adjustable mounting for window shades. 1,901,674; Mar. 14.
- Slock, John T., Corporation. (See Brooks, Eugene C., assignor.)
- Slocombe, Frank E., Kirk Sandall, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for cutting flat glass. 1,893,658; Jan. 10.
- Slocum, James, Detroit, Mich. Spark arrester. 1,910,817; May 23.
- Sloin, Abe J., Trenton, N. J. Cable connection. 1,914,306; June 13.
- Slomka, Solomon, Jackson Heights, N. Y. Traveling bag. 1,906,645; May 2.
- Slonneger, John C., Milwaukee, Wis., assignor to International Harvester Company. Cutting apparatus for mowers. 1,894,130; Jan. 10.
- Slosson, Theron N., Chicago, Ill. Game. 1,934,381; Nov. 7.
- Slotoroff, Abraham, Brooklyn, N. Y. Bathing garment. 1,902,190; Mar. 21.
- Slotsky, Samuel J., Pittsburgh, Pa., assignor to Anaconda Wire and Cable Company. Packing gland. 1,929,905; Oct. 10.
- Slovín, Samuel, Wilmington, Del. Packaging sheet material and apparatus therefor. 1,912,388; June 6.
- Sludge Pumping, Inc. (See Engstrand, Gunnar C., assignor.)
- Slusher, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire building apparatus. 1,919,384; July 25.
- Slusser, Clifton, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Apparatus for removing and conveying plastic material from mills. 1,908,564; May 9.

- Slusser, James E., Pittston, Pa., assignor, by mesne assignments, to Atlas Powder Company. Molded black powder explosive. 1,913,344; June 6.
- Slusser-McLean Scraper Company, The. (See Stewart, James S., assignor.)
- Sluyter, Nicolaas, Amsterdam, Netherlands. Wall plug. 1,935,336; Nov. 14.
- Small, George, Brooklyn, Nova Scotia, Canada. Cuspider holder. 1,939,146; Dec. 12.
- Small, James A., Youngstown, Ohio. Method and apparatus for annealing. 1,911,167; May 23.
- Small, Alfred B., Miami, Fla. Automatic safety reverse motion lock. 1,903,199; Mar. 28.
- Small, Alfred K., Jr., De Land, Fla. Game apparatus. 1,899,830; Feb. 28.
- Small, Arthur E. (See Gilpin, G. G., and Small.)
- Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Car coupler operating device. 1,913,387; June 27.
- Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Device for operating car couplers. 1,926,117; Sept. 12.
- Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Coupler operating device. 1,926,118; Sept. 12.
- Small, Arthur E., Chicago, Ill., assignor, by mesne assignments, to The Symington Company, New York, N. Y. Coupler spreader. 1,938,611; Dec. 12.
- Small, Arthur E., assignor to Railway Metal Products Company, Chicago, Ill. Handle stop for railway car side doors. 1,939,865; Dec. 19.
- Small, Arthur E., assignor to Railway Metal Products Company, Chicago, Ill. Handle-stop for railway car side doors. 1,939,928; Dec. 19.
- Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Coupler operating device. 1,939,929; Dec. 19.
- Small, Edward A., Franksville, Wis. Windshield heater. 1,923,461; Aug. 22.
- Small, Horatio L., Esmont, Va., assignor to The Philip Carey Manufacturing Company. Coloring mineral matter. 1,921,010; Aug. 8.
- Small, Horatio L., Esmont, Va., assignor to The Philip Carey Manufacturing Company. Coloring mineral material. 1,939,930; Dec. 19.
- Small, James K. (See Freyermuth, G. H., Small, and Hanks.)
- Small, James K. (See Hanks, W. V., and Small.)
- Small, John D. (See Jones, C. L., and Small.)
- Small, Milton, assignor to Illustrated Current News, Incorporated, New Haven, Conn. Advertising sign. 1,911,588; May 30.
- Small, Myron B., Wollaston, Mass. Internal combustion engine supplementary air control. 1,916,938; July 4.
- Small, Norman N., assignor to Frick Company, Waynesboro, Pa. Carbon-dioxide ice machine. 1,894,892; Jan. 17.
- Small & Parkes Limited. (See Stanley, George E., assignor.)
- Small, Thomas W., Huntington, assignor to The Capehart Corporation, Fort Wayne, Ind. Automatic phonograph for nonuniform records. 1,918,062; July 11.
- Smallbone, Harry E., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Presser foot connection. 1,930,628; Oct. 17.
- Smallbone, Harry E., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Triumming mechanism for sewing machines. 1,936,971; Nov. 28.
- Smalle, Daniel M., assignor of six-tenths to Dr. P. Phillips Company, Orlando, Fla. Apparatus for preserving orange juice. 1,930,213; Oct. 10.
- Smalley, Burton M., assignor to Joslyn Manufacturing & Supply Co., Chicago, Ill. Guy wire guard. 1,931,513; Oct. 24.
- Smalley, Edwin L., Whitefish Bay, assignor to Hevi Duty Electric Company, Milwaukee, Wis. Recuperative counter-flow furnace. 1,924,167; Aug. 29.
- Smallwood, Albert A., Martinsburg, W. Va. Freight car hand brake. 1,895,823; Jan. 31.
- Smallwood, Alfred, Handsworth, Birmingham, England. Clamp for tubes, bars, and the like. 1,920,602; Aug. 1.
- Smallwood, Alfred, and J. Fallon, Smethwick, near Birmingham, England. Conveyance of goods through furnaces and the like. 1,909,906; May 16.
- Smallwood, Frank J., et al. (See Davis, John A., assignor.)
- Smally, Emanuel C., Canton, Ohio. Incandescent lamp. Re18,974; Oct. 24.
- Smally, Emanuel C., Canton, Ohio. Incandescent lamp. 1,906,188; Apr. 25.
- Smart, Charles E. (See Egy, W. L., Day, and Smart.)
- Smart, Clarence E., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Winding machine. 1,931,591; Oct. 24.
- Smart, James H., Shanghai, China. Automatic secret telegraph system. 1,900,772; Mar. 7.
- Smart, John. (See Shaw, J. F., Donnelly, Smart, and Johnston.)
- Smartt, Brinay. (See Bryan, J. M., and Smartt.)
- Smith, Albert, and E. Bayer, East Islip, N. Y. Lawn mower attachment. 1,913,094; June 6.
- Smede, Lloyd. (See Baker, R. M., and Smede.)
- Smellie, Donald G., Canton, Ohio, assignor to The Hoover Company. Fan. 1,893,184; Jan. 3.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,885; Mar. 7.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,900,886; Mar. 7.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,904,973; Apr. 18.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,907,886; May 9.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,908,069; May 9.
- Smellie, Donald G., and H. B. White, Canton, Ohio, and M. E. Nulsen, St. Louis, Mo., assignors to The Hoover Company. Suction cleaner. 1,918,432; July 18.
- Smelser, Chase D., South Bend, Ind. Stoker shut-off device. 1,892,790; Jan. 3.
- Smestad, Hans M., Bainville, Mont. Grain treating and elevating device. 1,902,733; Mar. 21.
- Smetana, Edward E., Hopkins, Minn. Container. 1,913,460; June 13.
- Smetko, Michael, Cicero, assignor to The Art Institute of Chicago, Chicago, Ill. Display cabinet. 1,903,484; Apr. 11.
- Smets, Florent E. A., and C. F. Hansen, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Signal shaping circuit. 1,895,774; Jan. 31.
- Smidlein, Anthony E., Yonkers, N. Y., assignor to Bigelow Sanford Carpet Co. Inc. Rug. Des. 91,218; Dec. 19.
- Smith, F. L., & Co. (See Ahlmann, Nikolai, assignor.)
- Smith, F. L., & Co. (See Lindhard, Povl T., assignor.)
- Smith, F. L., & Co. (See Middleboe, Kristian, assignor.)
- Smith, F. L., & Co. (See Pontoppidan, Carl, assignor.)
- Smith, F. L., & Co. (See Sabmel, Viggo, assignor.)
- Smith, F. L., & Co. (See Treschow, Michael, assignor.)
- Smith, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
- Smith, F. L., & Co. (See Zahn, Archie B., assignor.)
- Smith, Leonard, Brooklyn, N. Y., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Condensation product of formaldehyde and urea and making the same. Re18,943; Sept. 12.
- Smith, Leonard, New York, N. Y. Urea-formaldehyde condensation product and producing same. 1,893,911; Jan. 10.
- Smiley, Gilbert, Brighton, assignor, by mesne assignments, to S. H. Couch Company, Inc., Quincy, Mass. Thermionic amplifier. 1,909,153; May 16.
- Smith, A. O., Corporation. (See Andren, Birger T., assignor.)
- Smith, A. O., Corporation. (See Andrus, O. E., and Matush, assignors.)
- Smith, A. O., Corporation. (See Burgess, Edward W., assignor.)
- Smith, A. O., Corporation. (See Burnish, Howard J., assignor.)
- Smith, A. O., Corporation. (See Clark, L. F., and Wallfred, assignors.)
- Smith, A. O., Corporation. (See Crawford, William E., assignor.)
- Smith, A. O., Corporation. (See Crawford, W. E., and Heineman, assignors.)
- Smith, A. O., Corporation. (See Furrer, Rudolph, assignor.)
- Smith, A. O., Corporation. (See Harris, Herbert, assignor.)
- Smith, A. O., Corporation. (See Hasselquist, Hugo S., assignor.)
- Smith, A. O., Corporation. (See Heineman, Warren F., assignor.)
- Smith, A. O., Corporation. (See Heineman, W. F., and Malke, assignors.)
- Smith, A. O., Corporation. (See Herder, Carl, assignor.)
- Smith, A. O., Corporation. (See Hermanson, Sune, assignor.)
- Smith, A. O., Corporation. (See Hermanson, S., and Andrus, assignors.)
- Smith, A. O., Corporation. (See Hetherington, George B., assignor.)
- Smith, A. O., Corporation. (See Jasper, Thomas M., assignor.)
- Smith, A. O., Corporation. (See Miller, Henry, assignor.)
- Smith, A. O., Corporation. (See Moll, K. H., and Etherington, assignors.)
- Smith, A. O., Corporation. (See Moll, K. H., Etherington, and Smith, assignors.)
- Smith, A. O., Corporation. (See Nicolet, Constant E., assignor.)
- Smith, A. O., Corporation. (See Priebe, Arthur W., assignor.)
- Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
- Smith, A. O., Corporation. (See Stresau, Richard, assignor.)
- Smith, A. O., Corporation. (See Tiedemann, Julius B., assignor.)
- Smith, A. O., Corporation. (See Whitman, Fred H., assignor.)
- Smith, A. O., Corporation. (See Ziska, Adam, assignor.)

- Smith, Abram E., Chicago, Ill., and G. W. Bill, Valparaiso, Ind., assignors to Union Tank Car Company, Chicago, Ill. Tank heating device. 1,914,585; June 20.
- Smith, Adelbert R., Newcastle, Ind., assignor to Chrysler Corporation, Detroit, Mich. Bending machine. 1,905,515; Apr. 25.
- Smith, Albert A., Riverdale, N. J., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Electric butt welding. 1,897,079; Feb. 14.
- Smith, Albert A., Riverdale, N. J., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Electric welding apparatus. 1,899,991; Mar. 7.
- Smith, Albert C., Woodside, assignor to Electrolux Servel Corporation, New York, N. Y. Burner. 1,936,646; Nov. 28.
- Smith, Albert J. (See Jester, M. B., and Smith.)
- Smith, Albert K., Bronx, and F. J. Gargano, Brooklyn, N. Y., assignors to Monroe Kaplan, Boston Mass. Envelope opening device. 1,934,098; Nov. 7.
- Smith, Albert K., West Orange, N. J. Date pitting machine. 1,940,276; Dec. 19.
- Smith, Albert L. (See Walker, A. W., and Smith.)
- Smith, Albert T., et al. (See Deubel, Joseph, assignor.)
- Smith, Albert W., and C. H. Heist, Youngstown, and B. M. Stubblefield, Poland, Ohio. Checker brick and checkerwork. 1,925,506; Sept. 5.
- Smith, Alexander, & Sons Carpet Company. (See Barrett, Charles E., assignor.)
- Smith, Alfa K. (See Smith, Carl C. V., assignor.)
- Smith, Alfred J., Detroit, Mich., assignor to Woodall Industries Incorporated. Fastening strip for trim material. 1,938,871; Dec. 12.
- Smith, Alfred J., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 1,941,156; Dec. 26.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for conditioning molten glass. 1,893,063; Jan. 3.
- Smith, Algy J., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for the manufacture of blown glassware. 1,896,870; Feb. 7.
- Smith, Algy J., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Forming parisons. 1,901,934; Mar. 21.
- Smith, Allan G. (See Dorer, Primus O., assignor.)
- Smith, Alva T., assignor to National Enameling & Stamping Company, Milwaukee, Wis. Electric casserole. Des. 90,388; July 25.
- Smith, Alva T., assignor to National Enameling & Stamping Company, Milwaukee, Wis. Heat insulated cooking vessel. 1,895,212; Jan. 24.
- Smith, Alva T., assignor to National Enameling & Stamping Company, Milwaukee, Wis. Heat insulated cooking vessel. 1,924,699; Aug. 29.
- Smith, Alyson E., Ogden, Utah. Combined rack and utility table. 1,902,670; Mar. 21.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Toy fire engine. Des. 90,929; Oct. 24.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Toy fire chief's coupe automobile or the like. Des. 90,961; Oct. 31.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Toy cash register. 1,894,524; Jan. 17.
- Smith, Anthony N., assignor to The Girard Model Works, Inc., Girard, Pa. Electrically lighted vehicle toy. 1,912,545; June 6.
- Smith, Anthony N., assignor to Girard Model Works, Inc., Girard, Pa. Electrically lighted toy. 1,922,004; Aug. 8.
- Smith, Arthur D., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Process and apparatus for treating hydrocarbons. 1,923,016; Aug. 15.
- Smith, Arthur D., Chicago, Ill., and N. H. Ranstead, Whiting, Ind., assignors to Jenkins Petroleum Process Company, Chicago, Ill. Production of gasoline from petroleum hydrocarbons. 1,928,985; Oct. 3.
- Smith, Arthur F., Brooklyn, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Automatic control system for tabulators. 1,933,349; Oct. 31.
- Smith, Arthur L., and K. H. Smith, Ashtabula, Ohio. Deflector gate for car dumping apparatus. 1,925,647; Sept. 5.
- Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid generator. 1,938,358; Dec. 5.
- Smith, August J., Mount Pleasant, Mich. Knock-down porcelain enameled cabinet. 1,907,679; May 9.
- Smith, B. A., et al. (See Bradshaw, Frank F., assignor.)
- Smith, Bascom, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 1,940,374; Dec. 19.
- Smith, Bedford K., Alexandria, Va. Electric fuse. 1,926,067; Sept. 12.
- Smith, Benjamin, assignor to S. Smith, Brooklyn, N. Y. Collapsible table. 1,923,281; Aug. 22.
- Smith, Benjamin A. (See Snow, K. F., and Smith.)
- Smith, Benjamin A., Lakewood, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Combined rail bond and clamp. 1,906,115; Apr. 25.
- Smith, Benjamin H., assignor to Michigan Wire Goods Company, Niles, Mich. Display receptacle. 1,915,625; June 27.
- Smith, Bernard P., assignor to The Regina Corporation, Rahway, N. J. Apparatus for developing sensitized paper. 1,904,551; Apr. 18.
- Smith, Bruno M., West Orange, S. G. Langley, Maplewood, and G. F. Braun, Elizabeth, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Dictating machine cabinet. Des. 89,521; Mar. 21.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper. 1,906,824; May 2.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper. 1,911,774; May 30.
- Smith, Burton E., Portland, Ore. Doweling jig. 1,917,668; July 11.
- Smith, Byron W., Seattle, Wash. Twin ball toy. 1,932,943; Oct. 31.
- Smith, C. W. (See Felton, William M., assignor.)
- Smith Cannery Machines Company. (See Waugh, Edward H., assignor.)
- Smith, Carl A., Defiance, Ohio. Grading and aligning device. 1,912,546; June 6.
- Smith, Carl C. V., assignor to Alfa Klara Smith, Copenhagen, Denmark. Rotary toothbrush. 1,905,656; Apr. 25.
- Smith, Carlisle F., Elmira, N. Y., assignor to American-La France and Foamite Corporation, New York, N. Y. Manufacture of fire extinguishers. 1,913,688; June 13.
- Smith, Chalmers C., C. R. Hunter, and R. M. Pierce, Los Angeles, Calif., assignors to Universal Pictures Corporation, Universal City, Calif. Film processing machine and method. 1,896,526; Feb. 7.
- Smith, Charles C., East Cleveland, assignor to Monmouth Products Company, Cleveland, Ohio. Soap lather dispenser. 1,923,758; Aug. 22.
- Smith, Charles G., Medford, Mass., assignor, by mesne assignments, to Raytheon, Inc., Cambridge, Mass. Electrical apparatus. Re18,346; May 30.
- Smith, Charles G., Medford, assignor to Raytheon Inc., Cambridge, Mass. Electric lamp. 1,901,128; Mar. 14.
- Smith, Charles G., Medford, assignor to Raytheon Inc., Cambridge, Mass. Electrical circuit. 1,907,598; May 9.
- Smith, Charles G., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Electrical discharge lamp. 1,910,862; May 23.
- Smith, Charles G., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Electron discharge device. 1,915,959; June 27.
- Smith, Charles G., Medford, assignor to Raytheon Inc., Cambridge, Mass. Rectifier. 1,919,263; July 25.
- Smith, Charles G., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Vapor space current device. 1,929,122; Oct. 3.
- Smith, Charles G., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Gaseous conduction method and apparatus. 1,929,123; Oct. 3.
- Smith, Charles G., Medford, Mass., assignor to Raytheon, Inc. Space current device. 1,929,124; Oct. 3.
- Smith, Charles G., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Gaseous conduction apparatus. 1,933,396; Oct. 31.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Gaseous discharge device. 1,935,894; Nov. 21.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electron discharge apparatus. 1,941,157; Dec. 26.
- Smith, Charles H., Greenville, assignor to Gibson Refrigerator Company, Greenville, Mich. Evaporator. 1,895,587; Jan. 31.
- Smith, Charles J. (See Harbaugh, B. W., and Smith.)
- Smith, Charles J., assignor to Ford Motor Company, Dearborn, Mich. Engine. 1,921,266; Aug. 8.
- Smith, Charles J., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for treating shoe parts or the like. 1,925,210; Sept. 5.
- Smith, Charles L., assignor of one-half to H. Duckman, Rochester, N. Y. Nonskid tire chain. 1,917,161; July 4.
- Smith, Charles P., San Rafael, Calif. Handle and brake for fishing rod reels. 1,927,576; Sept. 19.
- Smith, Charles P., and G. Newton, Aldwyth, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Automatic telephone switch. 1,923,282; Aug. 22.
- Smith, Chetwood, Worcester, Mass. Combination relief valve. 1,941,023; Dec. 26.
- Smith, Christen, Oslo, Norway. Boat launching gear. 1,895,011; Jan. 24.
- Smith, Christopher C., Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Production of solid calcium nitrate. 1,903,636; Apr. 11.
- Smith, Clarence A., 2d, Westtown, assignor of one-half to G. Massena, Philadelphia, Pa., and A. V. Du Pont, Wilmington, Del. Pencil pointer. 1,896,253; Feb. 7.
- Smith, Clarence M., Cleveland, Ohio. Dispensing device. 1,911,474; May 30.
- Smith-Clarke, George T., assignor to The Alvis Car & Engineering Company Limited, Coventry, England. Expanding brake. 1,930,417; Oct. 10.
- Smith, Clifford R., Ashtabula, Ohio. Musical instrument. 1,918,295; July 18.
- Smith, Cloyd H., assignor to American Pop Corn Company, Sioux City, Iowa. Preparing corn for popping. 1,938,981; Dec. 12.

- Smith, Clyde, Hopkinsville, Ky., assignor to International Communications Laboratories, Incorporated, New York, N. Y. Automatic stock quotation announcing system. 1,906,646; May 2.
- Smith, Clyde, Hopkinsville, Ky., assignor to International Communications Laboratories, Inc., New York, N. Y. Combined current value and totalizing dial. 1,923,759; Aug. 22.
- Smith, Clyde, Hopkinsville, Ky., assignor to International Communications Laboratories Incorporated, New York, N. Y. Talking stock quotation board. 1,931,091; Oct. 17.
- Smith, Clyde L. (See Harnsberger, A. E., and Smith.)
- Smith, Clyde W. (See Earnheart, P., and Smith.)
- Smith, Conway B., Portsmouth, Va. License plate for motor vehicles. 1,904,093; Apr. 18.
- Smith, Conway B., Portsmouth, Va. Equalizer for vehicle springs. 1,918,141; July 11.
- Smith, Conway B., assignor to Equalizer Incorporated, Portsmouth, Va. Equalizer for vehicle springs. 1,931,361; Oct. 17.
- Smith, Conway B., assignor to Equalizer Incorporated, Portsmouth, Va. Equalizer for vehicle springs. 1,932,165; Oct. 24.
- Smith, Cyril S. (See Dinkler, A. M., and Smith.)
- Smith, Cyril S., Cheshire, assignor to The American Brass Company, Waterbury, Conn. Brazing solder. 1,904,389; Apr. 18.
- Smith, D. B. & Company. (See Smith, Myron H., assignor.)
- Smith, D. Montgomery, Portland, Oreg. Lawn edger and trimmer. 1,901,992; Mar. 21.
- Smith, Dallas M., St. Louis County, and C. C. Tapscott, assignors to McQuay-Norris Manufacturing Company, St. Louis, Mo. Package and forming same. 1,895,236; Jan. 24.
- Smith, Dallas M., Webster Groves, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Wrapping machine. 1,934,756; Nov. 14.
- Smith, David F. (See Moll, K. H., Etherington, and Smith.)
- Smith, David F., Washington, D. C. Temperature controlled make and break apparatus. 1,938,612; Dec. 12.
- Smith, David M., and G. Tremolada, assignors to Emsco Derrick & Equipment Company, Los Angeles, Calif. Water-cooled drum shaft assembly. 1,924,216; Aug. 29.
- Smith, David R. C., and J. H. Coulter, Canastota, N. Y. Weighing apparatus for packaging onions and the like. 1,899,446; Feb. 28.
- Smith, Dempster M. (See Lucke, H. J., and Smith.)
- Smith, Dennis W., Wilmette, assignor to Colborne Manufacturing Company, Chicago, Ill. Pie plate washing. 1,921,267; Aug. 8.
- Smith, Dennis W., assignor to Colborne Manufacturing Co., Chicago, Ill. Dough rolling machine. 1,921,268; Aug. 8.
- Smith, Dillon F. (See Pieper, E. J., Smith, and Vogt.)
- Smith, Donald V., and H. W. Hoffmann, Leighton, assignors to Vertex Hosiery Mills, Inc., Weehawken, Pa. Full-fashioned stocking and knitting same. 1,937,033; Nov. 28.
- Smith, E. M., Company et al. (See Berryman, Grover C., assignor.)
- Smith, E. M., Company. (See McLaine, William L., assignor.)
- Smith, E. M., Company. (See Smith, Walter G. L., assignor.)
- Smith, Earl B., Bronx, assignor to Railroad Accessories Corporation, New York, N. Y. Wiring. 1,923,893; Aug. 22.
- Smith, Earl D., Ashland, Ohio. Dental appliance. 1,910,935; May 23.
- Smith, Earl K. (See Edwards, D. V., and Smith.)
- Smith, Earle R., Alhambra, assignor to Gillette Sweeper Corporation, Ltd., Los Angeles, Calif. Comb attachment for carpet sweepers. 1,898,318; Feb. 21.
- Smith, Earle S., assignor to The Todelo Porcelain Enamel Products Company, Toledo, Ohio. Producing cloud effects in enamel. 1,907,094; May 2.
- Smith, Earle S., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Enameling process. 1,908,271; May 9.
- Smith, Ed S., jr. (See Dolbey, H. S., and Smith.)
- Smith, Ed S., jr., assignor to Builders Iron Foundry, Providence, R. I. Orifice meter. 1,904,333; Apr. 18.
- Smith, Ed S., jr., assignor to Builders Iron Foundry, Providence, R. I. Expandible fluid meter. 1,940,921; Dec. 26.
- Smith, Edmund O. (See Winther, William A., assignor.)
- Smith, Edward A., West Englewood, N. J. Snow removal. 1,895,900; Jan. 31.
- Smith, Edward M. (See Tandy, Victor H., assignor.)
- Smith, Edward P., Brooklyn, N. Y. Razor blade sharpener. 1,926,658; Sept. 12.
- Smith, Edward W., Philadelphia, Pa. Making glass wool separators. 1,938,982; Dec. 12.
- Smith, Edwin A., assignor to American Enameled Products Company, Chicago, Ill. Concealed fastener for wall brackets. 1,915,479; June 27.
- Smith, Edwin A., assignor to American Enameled Products Company, Chicago, Ill. Concealed fastener for wall brackets. 1,940,888; Dec. 26.
- Smith, Edwin C., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Me. Timing device for loom stop-motions. 1,901,418; Mar. 14.
- Smith, Edwin C., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Maine. Heddle or drop-wire. 1,930,151; Oct. 10.
- Smith, Edwin C., Providence, R. I., assignor to Rhode Island Warp Stop Equipment Company, Portland, Maine. Heddle or drop-wire. 1,930,152; Oct. 10.
- Smith, Edwin C., Providence, and W. J. McLaughlin, Pawtucket, R. I., assignors to Rhode Island Warp Stop Equipment Company, Portland, Maine. Stopping device for looms or the like. 1,939,419; Dec. 12.
- Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Tool slide actuating mechanism. 1,933,224; Oct. 31.
- Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Work-handling mechanism for machine tools. 1,933,225; Oct. 31.
- Smith, Edwin R., and A. Schinckez, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Work driving mechanism for machine tools. 1,914,984; June 20.
- Smith, Edwin R., and A. Schinckez, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Work-handling mechanism. 1,933,226; Oct. 31.
- Smith, Edwin R., and J. L. Peterson, assignors to Seneca Falls Machine Company, Seneca Falls, N. Y. Tool slide actuating mechanism. 1,938,050; Dec. 5.
- Smith, Edwin W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Last. 1,894,452; Jan. 17.
- Smith, Eggleston, Newark, N. J., assignor to Eggleston Drilling Corporation, Dover, Del. Feeding pressure control for earth boring apparatus. 1,926,119; Sept. 12.
- Smith, Elberon D., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Interrupted concave to separate dust from cigarette machine feeds. 1,915,554; June 27.
- Smith, Elizabeth, St. Louis, Mo. Illuminating attachment for telephones. 1,918,876; July 18.
- Smith, Elizabeth M., San Francisco, Calif. Sanitary cover. 1,909,509; May 16.
- Smith, Elmer A., Flint, Mich. Internal combustion engine. 1,913,251; June 6.
- Smith, Elmer G., College Station, Tex. Gate valve. 1,898,147; Feb. 21.
- Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Gun. 1,908,070; May 9.
- Smith, Elmer H., Endicott, N. Y., assignor, by mesne assignments, to The Turner Tanning Machinery Company, Portland, Me. Pneumatic pressure control device for fleshing machines, etc. 1,940,825; Dec. 26.
- Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Automatic feed for wrapping machines. 1,911,650; May 30.
- Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Coupon inserting mechanism for wrapping machines. 1,913,642; June 13.
- Smith, Elmer L., Longmeadow, assignor to Package Machinery Company, Springfield, Mass. Wrapping machine. 1,924,964; Aug. 29.
- Smith, Elmer L., Longmeadow, and F. B. Fuller, assignors to Package Machinery Company, Springfield, Mass. Wrapping machine. 1,936,462; Nov. 21.
- Smith, Elmer L., Longmeadow, and L. G. Krussell, assignors to Package Machinery Company, Springfield, Mass. Method and machine for wrapping articles. 1,940,375; Dec. 19.
- Smith, Elmer O., Ottumwa, Iowa. Refrigerating system. 1,932,607; Oct. 31.
- Smith, Elmo E., and K. L. Bunze, Chicago, Ill. Combined lighter and tobacco container or the like. Des. 90,267; July 4.
- Smith, Emerson J., Ravenna, Ohio. Rubber glove. 1,894,066; Jan. 10.
- Smith, Emmett A. (See Stine, W. E., and Smith.)
- Smith Engineering Works. (See Munro, A. L., and Rumpel, assignors.)
- Smith, Ernest A., and W. H. Deery, Schenectady, N. Y., assignors to General Electric Company. Charging mechanism. 1,910,267; May 23.
- Smith, Ernest J., Detroit, Mich. Printer's roller. 1,926,312; Sept. 12.
- Smith, Ernest L., San Francisco, Calif., assignor, by mesne assignments, to L. J. Marcus and J. A. Lesoline. Apparatus for curling hair. 1,916,687; July 4.
- Smith, Ernest W. (See Simpson, S., Smith, and Robinson.)
- Smith-Ernest Laboratories, Inc. (See Ernster, Nicolas, assignor.)
- Smith, Ethyl M., Buffalo, N. Y. Display holder. Des. 90,345; July 18.
- Smith, Euda B., Chicago, Ill. Elastic girdle. 1,912,664; June 6.
- Smith, F. L. & Co. (See Rönne, Einar, assignor.)
- Smith, Fern C., Lincoln, Nebr. Reaction timer. 1,937,445; Nov. 28.
- Smith, Francis F., Old Orchard Beach, Maine. Merry-go-round. 1,922,983; Aug. 15.
- Smith, Francis H., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Discharge dyeing. 1,914,536; June 20.
- Smith, Francis X., Brooklyn, N. Y. Printer's quoin chase. 1,938,359; Dec. 5.
- Smith, Frank, Elland, England. Shock absorber for mechanically propelled road vehicles. 1,915,036; June 20.

- Smith, Frank, Elland, England. Steering and other damping device for automobiles. 1,923,235; Aug. 22.
- Smith, Frank A. (See Bristol, W. H., and Smith.)
- Smith, Frank A., Bloomfield, N. J. Radio log and holder therefor. 1,921,103; Aug. 8.
- Smith, Frank H., Summit, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Washing machine cylinder. 1,924,521; Aug. 29.
- Smith, Frank H., Kent, and H. A. Stringfellow, Akron, Ohio. Method of and apparatus for joining pipes. 1,894,835; Jan. 17.
- Smith, Frank H., Philadelphia, Pa., and H. A. Stringfellow, Akron, Ohio. Making pipe couplings. 1,911,775; May 30.
- Smith, Frank H., Summit, and H. Zarafu, West New York, assignors to Elevator Supplies Company, Incorporated, Hoboken, N. J. Apparatus for winding tape or the like. 1,937,918; Dec. 5.
- Smith, Frank J., Chicago, Ill. Window cleaning device. 1,932,192; Oct. 24.
- Smith, Frank P., Cordelia, Calif. Jar opener. 1,894,202; Jan. 10.
- Smith, Franklin S., Brooklyn, N. Y. X-ray apparatus. 1,896,206; Feb. 7.
- Smith, Franklin S., Brooklyn, N. Y. Terminal construction. 1,907,599; May 9.
- Smith, Franklin S., Brooklyn, N. Y. Transformer construction and art of producing the same. 1,912,389; June 6.
- Smith, Franklyn, New York, N. Y. Recorded accompaniment for musical compositions. 1,937,919; Dec. 5.
- Smith, Frasier, Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 89,420; Mar. 7.
- Smith, Frasier, Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 89,976; May 23.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bottle. Des. 90,216; June 27.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 90,268; July 4.
- Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. Des. 90,512; Aug. 15.
- Smith, Fred C., Jr. (See Wellensiek, L. H., and Smith.)
- Smith, Frederick A. (See Ellenberger, C. M., and Smith.)
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Spare wheel carrier and lock. 1,901,613; Mar. 14.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Spare wheel and tire lock. 1,913,005; June 6.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Automobile lock. 1,917,608; July 11.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Lock structure. 1,917,609; July 11.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Automobile lock structure. 1,939,233; Dec. 12.
- Smith, Frederick A., assignor to Oakes Products Corporation, North Chicago, Ill. Lock structure. 1,939,234; Dec. 12.
- Smith, Frederick C., Sandusky, Ohio. Wrist watch strap. 1,898,402; Feb. 21.
- Smith, Frederick H., Dayton, Ohio. Splitting objects. 1,938,939; Dec. 12.
- Smith, Frederick H., assignor of forty-nine one-hundredths to William A. Martin, Orchard Park, N. Y. Vehicle Jack. 1,937,170; Nov. 28.
- Smith, Frederick J. C., assignor to Tenova Limited, London, England. Supporting means for trousers and the like. 1,902,895; Mar. 28.
- Smith, Frederick S., assignor of one-half to J. Webster, Barrie, Ontario, Canada. Aluminum solder. 1,927,052; Sept. 19.
- Smith, Gardner M., Clayton, assignor to Kantskuf Heel Corporation, St. Louis, Mo. Making decoratively covered heels. 1,913,569; June 13.
- Smith, Garfield P., Brooklyn, N. Y. Gas engine muffler and supercharger. 1,901,381; Mar. 14.
- Smith, Geo. H., Steel Casting Company. (See Dauer, L. E., and North, assignors.)
- Smith, George L., Hyde Park, Mass. Automobile shield and grille. 1,894,715; Jan. 17.
- Smith, George W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Internal combustion engine. 1,903,485; Apr. 11.
- Smith, George W., Pittsburgh, assignor to John M. Hopwood, Dormont, Pa. Furnace pressure control. 1,931,906; Oct. 24.
- Smith, Gerard V., White Plains, assignor of Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,930,255; Oct. 10.
- Smith, Gertrude L., Los Angeles, Calif. Bath sponge. 1,933,876; Nov. 7.
- Smith, Glen E., Evanston, and A. T. Koppe, Chicago, Ill. Negative frame. 1,912,547; June 6.
- Smith, Glenn A., U. S. Navy, Long Beach, Calif. Flashlight. 1,921,171; Aug. 8.
- Smith, Grover C., Los Angeles, Calif. Fluid motor. 1,910,644; May 23.
- Smith, Grover C., Los Angeles, Calif. Timing device for machinery. 1,916,745; July 4.
- Smith, H. B., Company, The. (See Cowles, Glenn B., assignor.)
- Smith, H. B., Company, The. (See Prince, Clarence K., assignor.)
- Smith, H. B., Company, The. (See Smith, Stanley K., assignor.)
- Smith, H. B., Machine Company. (See Pinkney, Bryan D., assignor.)
- Smith, Hadley, Royal Oak, assignor to Hupp Motor Car Corporation, Detroit, Mich. Clutch mechanism for transmission gearing. 1,914,537; June 20.
- Smith, Hannah M. (See Keen, Thomas A., assignor.)
- Smith, Harold D. (See Boynton, Harry L., assignor.)
- Smith, Harold E., and H. E. Buffington, Lykens, Pa. Light projection. 1,913,517; June 13.
- Smith, Harold E., and H. E. Buffington, Lykens, Pa. Light projection. 1,913,518; June 13.
- Smith, Harold E., and H. E. Buffington, Lykens, Pa. Light projector. 1,913,519; June 13.
- Smith, Harold G., assignor to Hercules Motors Corporation, Canton, Ohio. Cut-off switch. 1,925,883; Sept. 5.
- Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 1,898,982; Feb. 21.
- Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 1,916,339; July 4.
- Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine rotor and cooling the same. 1,921,140; Aug. 8.
- Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo electric machine. 1,924,135; Aug. 29.
- Smith, Harold L., F. J. Rathbun, and A. M. Forman, assignors to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 1,921,845; Aug. 8.
- Smith, Harold L., assignor to The Louis Allis Company, Milwaukee, Wis. Dynamo-electric machine. 1,932,286; Oct. 24.
- Smith, Harris A. (See Hall, F. W., and Fairbairn, assignors.)
- Smith, Harry, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Process and apparatus for breaking off lengths of wired glass. 1,932,149; Oct. 24.
- Smith, Harry B., Upper Darby, and C. F. Dixon, Wayne, Pa. Pipe joint. 1,935,673; Nov. 21.
- Smith, Harry E. (See Sharp, William W., assignor.)
- Smith, Harry E. (See Walsh, J. E., Smith, and Caprio.)
- Smith, Harry E., Chicago, Ill. Pad for chair and seat backs. 1,937,920; Dec. 5.
- Smith, Harry F., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,911,002; May 23.
- Smith, Harry F., assignor to The Gas Research Company, Dayton, Ohio. Calorimeter and fluid regulating device. 1,923,331; Aug. 22.
- Smith, Harry F., assignor to The Gas Research Company, Dayton, Ohio. Gas purification. 1,925,413; Sept. 5.
- Smith, Harry F., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,932,492; Oct. 31.
- Smith, Harry H., Brooklyn, N. Y. Collapsible tube reel. 1,939,575; Dec. 12.
- Smith, Harry L., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Vapor pressure bomb. 1,919,346; July 25.
- Smith, Harry N., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Machine for making friction elements. 1,907,600; May 9.
- Smith, Harry N., Detroit, Mich., assignor to American Brakeblok Corporation, New York, N. Y. Machine for making friction elements. 1,920,023; July 25.
- Smith, Harvey M., et al. (See Jackson, Frank F., assignor.)
- Smith, Hazer J., assignor to Superstat Company, Springfield, Mass. Condition control apparatus. 1,896,207; Feb. 7.
- Smith, Henry B. (See Staud, C. J., and Smith.)
- Smith, Henry B. (See Taylor, E. R., and Smith.)
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition containing oxime. 1,899,213; Feb. 28.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing phenylethyl benzoate. 1,899,214; Feb. 28.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic derivative composition of matter containing a BB'-dialkoxy diethyl adipate. 1,901,130; Mar. 14.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose composition of matter containing a dialkyl hydrophthalate. 1,905,516; Apr. 25.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose ester composition of matter containing the tetraethyl ester of a tetracarboxylic derivative of a saturated aliphatic hydrocarbon. 1,905,517; Apr. 25.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic derivative composition of matter containing a BB'-dialkoxy ethyl carbonate. 1,905,518; Apr. 25.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing propylene chloride. 1,930,134; Oct. 10.

- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing a cyclic acetate. 1,930,136; Oct. 10.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing an ethyl ether of the ethylene glycol mono-ester of a hydroxy aliphatic acid. 1,933,826; Nov. 7.
- Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing ethyl gamma-phenoxy butyrate. 1,933,827; Nov. 7.
- Smith, Henry B., and S. J. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition containing a brominated diphenyl ether. 1,899,215; Feb. 23.
- Smith, Henry B., and S. J. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulosic composition of matter containing phenyl stearate. 1,901,129; Mar. 14.
- Smith, Henry B. and S. J. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic ester composition containing a lower alkyl ester of a substituted benzoic acid. 1,930,135; Oct. 10.
- Smith, Henry C., Forest Hill, London, England. Locking washer and nut. 1,895,588; Jan. 31.
- Smith, Henry J., David City, Nebr. Traffic sign. 1,907,158; May 2.
- Smith, Herbert, Clinton, Mass., assignor to E. C. Bowers and C. L. Feldman, receivers for Wickwire Spencer Steel Company, New York, N. Y. Cabinet construction. 1,922,504; Aug. 15.
- Smith, Herbert C., Los Angeles, Calif. Building construction. 1,900,369; Mar. 7.
- Smith, Herbert C., Los Angeles, Calif., assignor to Coast Insulating Co. Pipe covering. 1,907,307; May 2.
- Smith, Herbert E., assignor of one-half to E. Dunbar, Manchester, N. H. Finger protector. 1,913,218; June 6.
- Smith, Herbert L. (See Mortland, J. A., and Smith.)
- Smith, Herbert P., Emsworth, Pa. Automotive system. 1,900,470; Mar. 7.
- Smith, Herman R. (See Powell, C. L., and Smith.)
- Smith, Herman R., Douglaston, assignor to Raymond Concrete Pile Company, New York, N. Y. Kelly bar. 1,895,901; Jan. 31.
- Smith, Herman R., Douglaston, assignor to Raymond Concrete Pile Company, New York, N. Y. Earth boring apparatus. 1,916,688; July 4.
- Smith, Hiram L. (See Secoy, Samuel E., assignor.)
- Smith, Hiram P. (See Cady, S. W., and Smith.)
- Smith, Horatio W., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Machine element. 1,935,064; Nov. 14.
- Smith, Howard B., Pataskala, Ohio. Necktie. 1,939,576; Dec. 12.
- Smith, Howard, Company. (See Adair, Thomas W., assignor.)
- Smith, Howard H., Chicago, and J. Wicks, Oak Park, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,932,235; Oct. 24.
- Smith, Howard L., Lexington, Ky. Collapsible shipping container. 1,931,397; Oct. 17.
- Smith, Howard T., Washington, D. C. Game apparatus. 1,926,920; Sept. 12.
- Smith, Howard V. (See Smith, Kenneth J. and H. V.)
- Smith, J. Hugo, Detroit, Mich. Tool and tool holder. 1,892,739; Jan. 3.
- Smith, Jacob K. (See Peters, Arthur M., assignor.)
- Smith, James A., Panama City, Fla. Pumping mechanism. 1,924,466; Aug. 29.
- Smith, James E., Los Angeles, Calif., assignor to Western Pipe & Steel Co. Floating deck for oil tanks. 1,913,643; June 13.
- Smith, James H. (See Smith, Joseph B. and J. H.)
- Smith, James H., Los Angeles, Calif. Making foot supports. 1,914,049; June 13.
- Smith, James M. (See Thoms, C. A., and Smith, assignors.)
- Smith, James T. (See Taylor, H. W., and Smith.)
- Smith, Jerome C. (See Found, C. G., Hull, and Smith.)
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,898,793; Feb. 21.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,900,527; Mar. 7.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,910,971; May 23.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,927,140; Sept. 19.
- Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,931,514; Oct. 24.
- Smith, John, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Reducing the shank portions of soles. 1,936,919; Nov. 28.
- Smith, John A., Spokane, Wash. Automobile body construction. 1,894,383; Jan. 17.
- Smith, John A., assignor to The United States Electrical Tool Company, Cincinnati, Ohio. Grinding machine. 1,923,760; Aug. 22.
- Smith, John B. (See Golden, C. H., and Smith.)
- Smith, John C., and G. H. Campbell, assignors to Solar Laboratories, Monaca, Pa. Stenciling method and apparatus. 1,930,153; Oct. 10.
- Smith, John E., Plainfield, N. J. Apparatus for making coffee. 1,917,071; July 4.
- Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Percolator. 1,940,775; Dec. 26.
- Smith, John H., Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condensing system. 1,894,284; Jan. 17.
- Smith, John H., Camp Hill, Pa. Aeroplane structure. 1,932,681; Oct. 31.
- Smith, John H., New York, N. Y. Condenser. 1,935,822; Nov. 21.
- Smith, John L., Cohasset, Mass. Tree and wire protector. 1,896,921; Feb. 7.
- Smith, John M. (See Forsyth, James L., assignor.)
- Smith, John R., McDonough, assignor to Pomona Products Company, Spaulding County, Ga. Roasting pimiento peppers and the like. 1,937,416; Nov. 28.
- Smith, John W. (See Searles, R. R., and Smith.)
- Smith, John W., Shillington, Pa., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Stocking. Des. 91,124; Nov. 28.
- Smith, Joseph A., Olden, Tex. Pipe handling device. 1,910,481; May 23.
- Smith, Joseph B. and J. H., Emporium, Pa. Wrench. 1,903,660; Apr. 11.
- Smith, Joseph B. and J. H., Emporium, Pa. Airplane propeller. 1,931,710; Oct. 24.
- Smith, Joseph E., Crescent City, Calif. Internal combustion engine. 1,924,467; Aug. 29.
- Smith, Joseph H. R., Philadelphia, Pa. Air hammer driven wrench. 1,923,122; Aug. 22.
- Smith, Joseph J., Deep River, Conn. Tool. 1,896,979; Feb. 7.
- Smith, Joseph K., Detroit, Mich., assignor to Beryllium Development Corporation, New York, N. Y. Beryllium aluminum alloy. 1,905,312; Apr. 25.
- Smith, Joseph K., Detroit, Mich., assignor to Beryllium Development Corporation, New York, N. Y. Beryllium aluminum alloy. 1,905,313; Apr. 25.
- Smith, Joseph K., Detroit, Mich., assignor to Beryllium Development Corporation, New York, N. Y. Copper alloy. 1,905,314; Apr. 25.
- Smith, Joseph K., Detroit, Mich., assignor to Beryllium Development Corporation, New York, N. Y. Alloy of aluminum and beryllium. 1,924,168; Aug. 29.
- Smith, Joseph K., Detroit, Mich., assignor to The Beryllium Corporation, New York, N. Y. Beryllium-aluminum alloy. 1,941,230; Dec. 26.
- Smith, Joseph K., Detroit, Mich., assignor to The Beryllium Corporation, New York, N. Y. Alloy of beryllium and aluminum. 1,941,231; Dec. 26.
- Smith, Joseph K., Detroit, Mich., assignor to The Beryllium Corporation, New York, N. Y. Nickel alloys. 1,941,368; Dec. 26.
- Smith, Josephine N., Brooklyn, N. Y. Shoe back and heel protector. 1,916,815; July 4.
- Smith, Julian C., and H. T. Bellamy, Chicago, Ill.; said Smith assignor, by mesne assignments, to said Bellamy. Manufacture of porous structures. 1,896,190; Feb. 7.
- Smith, Kenneth H. (See Smith, Arthur L. and K. H.)
- Smith, Kenneth J. and H. V., assignors to Skelly Oil Company, El Dorado, Kans. Manufacture of coke. 1,916,026; June 27.
- Smith, Kenneth S., West Wimbledon, England, assignor to Eastman Kodak Company, Rochester, N. Y. Method of and apparatus for feeding webs or strips. 1,921,487; Aug. 8.
- Smith, Kline & French Laboratories. (See Nabenhauer, Fred P., assignor.)
- Smith, Robert R., Chicago, Ill., assignor, by mesne assignments, to United Research Corporation, Long Island City, N. Y. Sound reproducing device. 1,926,820; Sept. 12.
- Smith, L. C. & Corona Typewriter Inc. (See Avery, Henry A., assignor.)
- Smith, L. C. & Corona Typewriters, Inc. (See Gabrielson, Carl, assignor.)
- Smith, L. C. & Corona Typewriters Inc. (See Tompkins, Grant A., assignor.)
- Smith, Lawrence C., Buffalo, N. Y. Apparatus for cooling beverages. 1,913,345; June 6.
- Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Portable bar cabinet. Des. 89,799; May 2.
- Smith, Lawrence C., and S. Przyborowski, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Machine for deforming sheet metal. 1,937,466; Nov. 28.
- Smith, Lawrence P., assignor to "Cabin Crafts", Dalton, Ga. Motor operated tufting machine. 1,917,162; July 4.
- Smith, Lee S. (See Bond, H. A., and Smith.)
- Smith, Lee T., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Separating borneol from pine oil. 1,915,388; June 27.
- Smith, Lee T., Madison, N. J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of fen-chone. 1,933,939; Nov. 7.
- Smith, Leo C., assignor to Smith System Heating Co., Minneapolis, Minn. Gas heater. 1,918,617; July 18.
- Smith, Leon L., Winters, Calif. Brush cutter. 1,908,548; May 9.
- Smith, Le Roy, Springfield, Mo. Bed side table. 1,916,537; July 4.

- Smith, Lewis R., receiver. (See Anderson, Gustave A., assignor.)
- Smith, Lewis R., receiver. (See Glennon, James B., assignor.)
- Smith, Lewis R., receiver. (See Jackson, Alfred F., assignor.)
- Smith, Lincoln H., Waltham, assignor to Radio-Television Industries Corporation, Boston, Mass. Microphone. 1,906,725; May 2.
- Smith, Lloyd B. (See Peterkin, A. G., jr., and Smith.)
- Smith, Lloyd R., Milwaukee, Wis. Enameled metal articles and producing them. 1,919,136; July 18.
- Smith, Lloyd R., Alton, Ill., and S. F. Gordon, assignors to Dr. Pepper Bottling Company of St. Louis, St. Louis, Mo. Receptacle. 1,906,647; May 2.
- Smith, Louis, Lombard, Ill., and P. Vogel, Grand Haven, Mich.; said Vogel assignor to said Smith. Printing apparatus blanket and making same. 1,938,301; Dec. 5.
- Smith, Louis C., et al., trustees. (See Dodge, John H. and J. S., and Ekman, assignors.)
- Smith, Lowell J., Connersville, Ind. Container. Des. 90,821; Oct. 3.
- Smith, Lowell J., assignor to Stant Manufacturing Co., Connersville, Ind. Combined paper weight and pen holder. Des. 89,727; Apr. 25.
- Smith, Loyd A., assignor to Truline, Incorporated, La Grange, Ga. Tufting machine attachment. 1,903,946; Apr. 18.
- Smith, Loyd A., assignor to Truline, Incorporated, La Grange, Ga. Tufting machine. 1,917,334; July 11.
- Smith, Lucien B. (See Zubaty, J., and Smith.)
- Smith, Marcellus E., assignor of one-eighth to D. D. Hale, Los Angeles, Calif., and one-eighth to R. M. Hale, Las Vegas, Nev. Airplane propeller. 1,914,332; June 13.
- Smith, Marie H., Dobbs Ferry, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,382; Feb. 28.
- Smith, Marsden C., Richmond, Va. Floc treatment. 1,893,451; Jan. 3.
- Smith, Marshall H., assignor to The Menasha Products Company, Menasha, Wis. Dispensing cotton. 1,922,826; Aug. 15.
- Smith, Maurice B. (See Beardsley, B., Chadbourne, and Smith.)
- Smith, Maurice B., East Orange, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Terminal for drag conveyers. 1,919,175; July 18.
- Smith, Maurice C., jr., and E. C. Heilhecker, Bristol, R. I.; said Heilhecker assignor to said Smith. Shoe and making same. 1,901,782; Mar. 14.
- Smith, Merle E. (See Herdeg, H. B., and Smith.)
- Smith, Milton G., Greenville, S. C., assignor to The Terrell Machine Company, Charlotte, N. C. Portable blower for spinning frames and other machines. 1,940,633; Dec. 19.
- Smith, Milton S. (See Stacey, A. E., jr., Lewis, and Smith.)
- Smith, Myron H., assignor to D. B. Smith & Company, Inc., Utica, N. Y. Portable fire extinguisher and sprayer. 1,913,006; June 6.
- Smith, Nelson K., Los Angeles, assignor to Byron Jackson Co., West Berkeley, Calif. Tongs. 1,900,370; Mar. 7.
- Smith, Nelson K., assignor to Byron-Jackson Co., Los Angeles, Calif. Tubing catcher. 1,900,371; Mar. 7.
- Smith, Nelson K., assignor to Byron Jackson Co., Los Angeles, Calif. Elevator. 1,917,669; July 11.
- Smith, Nelson K., and R. K. Hertel, assignors to Byron Jackson Co., Los Angeles, Calif. Tubing catcher. 1,921,547; Aug. 8.
- Smith, Newell N., Los Angeles, Calif., assignor to Davis Standard Bread Company. Method and apparatus for frying articles of food. 1,926,313; Sept. 12.
- Smith, Norman S., Eastaboga, Ala. Cultivator tractor. 1,901,993; Mar. 21.
- Smith, Oakley, Evanston, Ill. Clinical multithermometer. 1,935,784; Nov. 21.
- Smith, Oakley, Chicago, Ill. Temperature taking apparatus. 1,938,643; Dec. 12.
- Smith, Omar H. (See Gibbons, W. A., and Smith.)
- Smith, Omar H., West Englewood, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Making tough styrol polymers. 1,908,549; May 9.
- Smith, Omar H., West Englewood, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Making styrols. 1,926,314; Sept. 12.
- Smith, Ora L. (See Ramage, Alexander S., assignor.)
- Smith, Oscar T., & Sons Company, The. (See Shuss, Cloyd A., assignor.)
- Smith, Paul S., assignor, by mesne assignments, to Lea Fabrics Inc., Newark, N. J. Pile fabric and method of making the same. 1,914,962; June 20.
- Smith, Percy C., Chicago, Ill. Coin counting machine. 1,908,565; May 9.
- Smith, Percy C., Chicago, Ill. Coin packaging device. 1,919,963; July 25.
- Smith, Preston R., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Bituminous emulsion. 1,895,775; Jan. 31.
- Smith, Preston R., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Asphalt emulsion. 1,926,246; Sept. 12.
- Smith, Preston R., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Producing emulsions. 1,926,247; Sept. 12.
- Smith, Purnell W., Philadelphia, Pa. Exercising device. 1,918,142; July 11.
- Smith, Ralph D. (See Madison, P. K., and Smith.)
- Smith, Ralph E., assignor to The Galion Metallic Vault Co., Galion, Ohio. Detachable body. 1,896,254; Feb. 7.
- Smith, Ralph E., assignor to The Galion Metallic Vault Co., Galion, Ohio. Dump body construction. 1,922,111; Aug. 15.
- Smith, Ralph E., assignor to The Galion Metallic Vault Co., Galion, Ohio. Spreader. 1,938,669; Dec. 12.
- Smith, Ralph F. (See Hall, Sellers M., assignor.)
- Smith, Ralph J., Derby, assignor of one-third to C. A. Newton, Derby, and one-third to R. C. Roe, Rochdale, England. Hydraulic pump or motor for hydraulic transmissions. 1,914,622; June 20.
- Smith, Ramsey, Oakridge, Roatan, Honduras. Pipe cleaning device. 1,903,915; Apr. 18.
- Smith, Ramsey, Puerta Castilla, Honduras. Conveyor. 1,922,141; Aug. 15.
- Smith, Ray C., assignor of one-half to E. A. Boydston, Chicago, Ill. Check protector. 1,916,538; July 4.
- Smith, Ray F., Cortland, N. Y. Fishing line. 1,914,174; June 13.
- Smith, Raymond D., Pleasantville, N. Y., assignor to Tremont Products Corporation, Boston, Mass. Flow governing apparatus. 1,910,450; May 23.
- Smith, Raymond D., Pleasantville, N. Y., assignor to Tremont Products Corporation, Boston, Mass. Snap actuating mechanism. 1,911,475; May 30.
- Smith, Raymond D., Fairfield, Conn., assignor to Tremont Products Corporation, Boston, Mass. Flow control system. 1,929,455; Oct. 10.
- Smith, Raymond D., Pleasantville, N. Y., assignor to Tremont Products Corporation, Boston, Mass. Conversational timing mechanism. 1,935,232; Nov. 14.
- Smith, Raymond E., Pewaukee, Wis. Sorting and service table for ironing machines. 1,906,825; May 2.
- Smith, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Varying speed of capacitor motors. 1,925,882; Sept. 5.
- Smith, Reuben S., Los Angeles, Calif., assignor, by mesne assignments, to Budd Wheel Company, Philadelphia, Pa. Metal wheel. Re19,010; Nov. 28.
- Smith, Richard B., San Francisco, Calif. Key ejecting mechanism. 1,917,778; July 11.
- Smith, Richard F., New York, N. Y., assignor of one-fourth to R. D. Sullivan, Savannah, Ga., one-half to Charleston Dry Dock and Machine Company, and one-fourth to Charles V. Boykin and Samuel A. Guilds, Charleston, S. C. Welding metallic structures. 1,909,229; May 16.
- Smith, Richmond W., Walpole, Mass. Pulp screen plate. 1,916,393; July 4.
- Smith, Robert. (See Gifford, A. M., and Smith.)
- Smith, Robert A., Mahwah, N. J., assignor to Smith & Serrell, Elizabeth, N. J. Flexible coupling. 1,935,730; Nov. 21.
- Smith, Robert A., Mahwah, assignor to Smith & Serrell, Elizabeth, N. J. Flexible coupling. 1,939,370; Dec. 12.
- Smith, Robert E. (See Tompkins, John J., assignor.)
- Smith, Robert E., Memphis, Tenn. Safety device for motor vehicles. 1,930,828; Oct. 17.
- Smith, Robert F., Longmeadow, assignor to Revere Rubber Company, Providence, R. I. Golf ball and making the same. 1,926,315; Sept. 12.
- Smith, Robert F., Montreal, Quebec, Canada. Shaving composition. 1,940,026; Dec. 19.
- Smith, Robert G., Farmington, Conn. Turtle trap. 1,927,599; Sept. 19.
- Smith, Robert G., West Orange, N. J. Tire mounting tool. 1,938,940; Dec. 12.
- Smith, Ronald G., Fairfield, Conn. Toy railway system. 1,903,571; Apr. 25.
- Smith, Roscoe J., Glen Ridge, N. J., assignor to Hookless Fastener Company. Machine and method for applying fastener elements. 1,903,659; Apr. 11.
- Smith, Rothwell E., Westfield, N. J., and L. A. Kelley, Jackson Heights, assignors to International Communications Laboratories, Inc., New York, N. Y. Attenuating and selecting circuits. 1,937,796; Dec. 5.
- Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Treating glass articles. 1,899,485; Feb. 28.
- Smith, Roy E. (See Everett, C. E., and Smith.)
- Smith, Roy F., assignor of one-half to W. F. Kitchens, El Paso, Tex. Impulse clock. 1,892,710; Jan. 3.
- Smith, Roy H. (See De Lapotterie, Otto H., assignor.)
- Smith, Roy N. (See Cremer, G. F., & Smith.)
- Smith, Rudolph O., assignor to Nachman-Springfield Corporation, Chicago, Ill. Cloth slitting machine. 1,934,152; Nov. 7.
- Smith, Russell T., Greenville, Mich., assignor to Gibson Refrigerator Company, Greenville, Mich. Refrigerator ice rack construction. 1,938,983; Dec. 12.
- Smith, Russell T., assignor to Gibson Refrigerator Company, Greenville, Mich. Valve construction. 1,938,984; Dec. 12.
- Smith, S. E., et al. (See Shively, Everett E., assignor.)
- Smith, S. Morgan, Company. (See Jessop, G. A., and De Vine, assignors.)
- Smith, S. Morgan, Company. (See McCormack, Daniel J., assignor.)
- Smith, S. Morgan, Company. (See Messing, Hjalmar S., assignor.)
- Smith, S. Morgan, Company. (See Smyser, Harry E., assignor.)

- Smith, S. Morgan, Company. (See Young, Arthur, assignor.)
- Smith, Sam. (See Finley, A. R., and Smith.)
- Smith, Samuel B., Rocky River, Ohio. Sealing means for engines. 1,913,732; June 13.
- Smith, Samuel B., Rocky River, Ohio. Two-cycle engine. 1,925,285; Sept. 5.
- Smith, Samuel N., and J. F. Bemis, New York, N. Y., assignors, by mesne assignments, to United Superior Union Company, Inc. Pipe coupling. 1,906,826; May 2.
- Smith, Selwyn, et al. (See Allen, C. F., and Smith, assignors.)
- Smith & Serrell. (See Smith, Robert A., assignor.)
- Smith, Sidney B. (See Mathieu, G. A., and Smith.)
- Smith, Sidney B. (See Wright, G. M., and Smith.)
- Smith, Sidney B., Gordonsville, England, assignor to Radio Corporation of America. Limiting amplifier. 1,940,735; Dec. 26.
- Smith, Sidney H., and R. C. Myers, Spokane, Wash. Motor vehicle traffic signal window. 1,909,639; May 16.
- Smith, Silas J., Chatham, Ontario, Canada. Preparing fertilizer. 1,930,542; Oct. 17.
- Smith, Sophie. (See Smith, Benjamin, assignor.)
- Smith, Stanley K., assignor to The H. B. Smith Company, Westfield, Mass. Closure. 1,896,804; Feb. 7.
- Smith, Stanley K., assignor to The H. B. Smith Company, Westfield, Mass. Door construction. 1,900,079; Mar. 7.
- Smith, Stuyvesant C., Chicago, Ill. Shock absorber. 1,897,443; Feb. 14.
- Smith, Swan, White Bear, Minn., assignor to Orenda Corporation, Chicago, Ill. Paper forming machine. 1,906,342; May 2.
- Smith, Sydney S., Tulsa, Okla., assignor to Shell Petroleum Corporation. Rectifier. 1,904,334; Apr. 18.
- Smith System Heating Co. (See Smith, Leo C., assignor.)
- Smith, T. L., Company. (See Rybeck, Adolph W., assignor.)
- Smith, Temple C. (See Freeman, A. E., and Smith.)
- Smith, Theodore A., Ridgewood, N. J., assignor to Radio Corporation of America. Scanning element for use in television systems. 1,895,087; Jan. 24.
- Smith, Theodore A., Ridgewood, N. J., assignor to Radio Corporation of America. Automatic gain control. 1,904,552; Apr. 18.
- Smith, Theodore B., Great Neck, assignor to John Hassall, Inc., Brooklyn, N. Y. Grinding method and means. 1,894,067; Jan. 10.
- Smith, Theodore L., assignor to Caille Motor Company, Detroit, Mich. Propeller and control means therefor. 1,893,661; Jan. 10.
- Smith, Theodore L., assignor to Caille Motor Company, Detroit, Mich. Gear pump for outboard motors and the like. 1,893,662; Jan. 10.
- Smith, Theodore L., assignor to Caille Motor Company, Detroit, Mich. Propeller. 1,917,610; July 11.
- Smith, Theodore W. (See Crowell, M. E., and Smith.)
- Smith, Thomas F. (See Morse, L. H., and Smith.)
- Smith, Thomas N., San Antonio, Tex. Bearing. 1,921,488; Aug. 8.
- Smith, Thomas W., jr., Barberton, Ohio. Coin mat. 1,931,398; Oct. 17.
- Smith, Thomas W., jr., assignor to The Sun Rubber Company, Barberton, Ohio. Teething ring. Des. 89,853; May 9.
- Smith, Titus K., Westfield, N. J. Gas or oil heating device. 1,921,104; Aug. 8.
- Smith, Tunis, et al. (See Deubel, Joseph, assignor.)
- Smith, Ulysses J., Cleveland, Ohio. Burial cloister building. Des. 90,959; Oct. 31.
- Smith, Valentine. (See Briggs, George, assignor.)
- Smith, Walter A. (See List, R. F., and Smith.)
- Smith, Walter C., Maplewood, N. J., assignor to Allied Process Corporation, New York, N. Y. Alloy. 1,923,955; Aug. 22.
- Smith, Walter G. L., Los Angeles, Calif. Drill pipe protector. 1,907,012; May 2.
- Smith, Walter G. L., assignor to E. M. Smith Company, Los Angeles, Calif. Drill pipe protector. 1,940,332; Dec. 19.
- Smith, Walter H., assignor to The Electric Service Supplies Company, Philadelphia, Pa. Closure retaining mechanism. 1,940,027; Dec. 19.
- Smith, Wayne M., and K. W. Haley, Fellows, Calif. Oil well surveying instrument. 1,905,573; Apr. 25.
- Smith Welding Equipment Corporation. (See Plumley, Stuart, assignor.)
- Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
- Smith, William, New Bedford, Mass. Twist counter. 1,928,271; Sept. 26.
- Smith, William, and J. Thomas, assignors to Scottish Dyes, Limited, Grangemouth, Scotland. Compounds of the amino-halo-indanthrene series and making them. 1,917,466; July 11.
- Smith, William A., et al. (See Lynn, H. E., and Lambert, assignors.)
- Smith, William A., jr. (See Smith, W. A., sr., and W. A., jr., assignors.)
- Smith, William A., sr. (See Uhler, A. S., and Smith, assignors.)
- Smith, William A., London, England. Air washing and the like. 1,904,667; Apr. 18.
- Smith, William A., Hamburg, N. Y. Removing odors from petroleum distillates. 1,938,116; Dec. 5.
- Smith, William A., Hamburg, N. Y. Removing injurious ingredients from petroleum distillates. 1,938,117; Dec. 5.
- Smith, William A., jr., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Distributing valve. 1,894,799; Jan. 17.
- Smith, William A., Manchester, assignor to Pneumatic Conveyance & Extraction (1929) Limited, London, England. Air-control valve for pneumatic conveyers. 1,896,597; Feb. 7.
- Smith, William A., sr., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Blowing device. 1,918,787; July 18.
- Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Assembling insulators. 1,925,211; Sept. 5.
- Smith, William A., sr., Easton, Pa., and W. A. Smith, jr., Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Mounting for rock drills. 1,911,975; May 30.
- Smith, William A., sr., Easton, Pa., and W. A. Smith, jr., Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Rock drilling mechanism. 1,917,335; July 11.
- Smith, William E. (See Daman, A. C., and Smith.)
- Smith, William E., Lakewood, Ohio. Pickling vat and coating therefor. 1,920,486; Aug. 1.
- Smith, William E., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Adjustable contact finger. 1,913,617; June 13.
- Smith, William E., Detroit, Mich., assignor to The Murray Corporation of America. Automatic arc welding device. 1,940,331; Dec. 19.
- Smith, William F., et al. (See Dazley, William, assignor.)
- Smith, William F., assignor to The Federal Bearings Co., Inc., Poughkeepsie, N. Y. Mounting structure for anti-friction bearings. 1,909,230; May 16.
- Smith, William G. (See Wheeler, B. P., and Smith.)
- Smith, William G., assignor to National Company, Inc., Malden, Mass. Electrodynamic pickup. 1,915,804; June 27.
- Smith, William H., assignor to General Reduction Corporation, Detroit, Mich. Metals reduced from their oxides without melting. 1,892,740; Jan. 3.
- Smith, William H., assignor to General Reduction Corporation, Detroit, Mich. Reducing metallic oxides. 1,928,140; Sept. 26.
- Smith, William J., Rocky River, Ohio. Furnace jacket. Des. 91,043; Nov. 14.
- Smith, William J., West Palm Beach, Fla. Radiator filling and draining device. 1,904,753; Apr. 18.
- Smith, William J., Brockton, assignor to Firth-Smith Company, Boston, Mass. Method of and apparatus for operating on spinning frames and other machines. 1,892,751; Jan. 3.
- Smith, William J., Brockton, assignor to Firth-Smith Company, Boston, Mass. Apparatus for operating on spinning frames and other machines. 1,920,768; Aug. 1.
- Smith, William, J. Primrose, and J. Thomas, assignors to Scottish Dyes Limited, Grangemouth, Scotland. Manufacture of dyestuff intermediates of the anthraquinone series. 1,914,872; June 20.
- Smith, William L., Miami, Fla. Venetian blind. 1,914,050; June 13.
- Smith, William L., jr., and R. H. Lawson, Pawtucket, R. I.; said Smith assignor to May Hosiery Mills, Nashville, Tenn. Dial and cylinder connection for knitting machines. 1,904,888; Apr. 18.
- Smith, William L., jr., and R. H. Lawson, Pawtucket, R. I., assignors to May Hosiery Mills, Nashville, Tenn. Stop motion for knitting machines. 1,921,707; Aug. 8.
- Smith, William N. (See Davis, S. H., Anderson, Smith, and Hanley.)
- Smith, William P., Baker, Oreg. Self locking bolt and nut. 1,898,907; Feb. 21.
- Smith, William P., assignor of one-half to Raymond A. Evans, Los Angeles, Calif. Body treating table. 1,931,999; Oct. 24.
- Smith, William R., Chicago, Ill. Water heating attachment for boilers. 1,895,868; Jan. 31.
- Smith, William S., Thornby, and R. F. Thomson, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Dyestuffs and intermediates of the anthraquinone series. 1,929,875; Oct. 10.
- Smith, William W., Harriman, Tenn. Scale beam gauge. 1,935,674; Nov. 21.
- Smith, Willis J., Ottumwa, Iowa. Internal combustion engine cooling system. 1,919,577; July 25.
- Smith, Willoughby S., Newton Poppleford, H. J. Garnett, Sevenoaks, and W. F. Randall, Ewell, England. Magnetic alloy. 1,895,536; Jan. 31.
- Smith, Willoughby S., Benchams, N. Poppleford, and H. J. Garnett, Lyme, Solefields, Sevenoaks, and J. N. Dean, Orpington, England. Manufacture of loaded electric signaling conductors. 1,901,005; Mar. 14.
- Smith, Willoughby S., Benchams, Newton Poppleford, H. J. Garnett, Solefield, Sevenoaks, and H. C. Channon, London, England. Submarine cable. 1,912,548; June 6.
- Smith, Willoughby S., Newton Poppleford, H. J. Garnett, Sevenoaks, and W. F. Randall, Ewell, England. Manufacture of magnetic alloys. 1,915,766; June 27.

- Smith, Willoughby S., Benchams, Newton Popleford, H. J. Garnett, Solefields, Sevenoaks, and J. N. Dean, Orpington, England. Manufacture of loaded electric signaling conductors. 1,925,611; Sept. 5.
- Smith, Willoughby S., Benchams, Newton Popleford, and N. W. McLachlan, London, England. Audio frequency thermionic amplifier. 1,927,877; Sept. 19.
- Smith, Willoughby S., Benchams, Newton Popleford, H. J. Garnett, Lymne, Solefields, Sevenoaks, and J. N. Dean, Orpington, England. Electrical insulating material. 1,934,335; Nov. 7.
- Smith, Willoughby S., Benchams, Newton Popleford, H. J. Garnett, Lymne, Solefields, Sevenoaks, and W. F. Randall, Ewell, assignors to Telegraph Construction and Maintenance Company, Limited, London, England, and Deutsch, Atlantische Telegraphengesellschaft, Berlin, Germany. Magnetic alloy. 1,910,309; May 23.
- Smithells, Colin J. (See Eden, C. G., and Smithells.)
- Smithers, Arthur J. (See Ott, O. W., and Smithers.)
- Smithers, Charles. (See Brower, Charles A. and B. O., assignors.)
- Smithers, Le Roy S., Woodhaven, N. Y., assignor to Dayton Scale Company, Dayton, Ohio. Scales. 1,896,255; Feb. 7.
- Smith's, John E., Sons Company. (See Van Hooydonk, Adrian C., assignor.)
- Smithson, John G., Oakdale, Alvechurch, assignor of one-half to The Electro-Mechanical Brake Company Limited, West Bromwich, England. Control of electric motors. 1,898,403; Feb. 21.
- Smithwick, Harold, Scarsdale, assignor to Continental Paper & Bag Corporation, New York, N. Y. Making a multiply bag. 1,935,380; Nov. 14.
- Smitmans, John A. (See Biggert, F. C., jr., and Smitmans.)
- Smitmans, John A. (See Johnson, L., and Smitmans.)
- Smitt, Hermanus M., Bilthoven, Netherlands. Mechanism for feeding fragile objects to machines. 1,922,717; Aug. 15.
- Smokador Manufacturing Co. (See Locke, Sylvanus D., assignor.)
- Smokador Manufacturing Co., Inc. (See Baylis, Robert N., assignor.)
- Smoke, Elek. (See Feir, Samuel, assignor.)
- Smola, William H., sr., Central City, Iowa. Saw. 1,902,671; Mar. 21.
- Smolko, Matthew, Chicago, Ill. Iron stand. 1,903,601; Apr. 11.
- Smoot, Charles H., deceased, Maplewood, N. J.; Katherine Smoot executrix of said Charles H. Smoot. Feed water regulator. 1,904,553; Apr. 18.
- Smoot, Charles H., deceased, Maplewood, N. J.; Katherine Smoot executrix of said Charles H. Smoot. Feed water regulator. 1,904,554; Apr. 18.
- Smoot, Charles H., deceased, Maplewood, N. J., Katherine Smoot, executrix. Condensate circulation control for boiler plants. 1,927,506; Sept. 19.
- Smoot Engineering Company. (See King, Cyril J., assignor.)
- Smoot, Katherine, executrix. (See Smoot, Charles H., assignor.)
- Smoot, Lewis E., Washington, D. C. Reversible tooth sprocket wheel and making same. 1,921,329; Aug. 8.
- Smooth Saw Equipment Company. (See Osborn, A. D., and Taylor, assignors.)
- Smooth Saw Equipment Company. (See Taylor, Samuel M., assignor.)
- Smout, William W., Rhyl, Wales. Pen. 1,924,420; Aug. 29.
- Smoyer, Henry, North Tonawanda, N. Y. Circuit controller. 1,897,681; Feb. 14.
- Smreker, Oskar. (See Stelzer, Karl, assignor.)
- Smulski, Theodore J., Lake Zurich, Ill., assignor to The Anderson Co., Gary, Ind. Electric motor. 1,907,221; May 2.
- Smygel, Joseph M., St. Joseph, Mo. Broom rack. 1,903,796; Apr. 18.
- Smyley, Emanuel, Flint, Mich. Exerciser. 1,926,921; Sept. 12.
- Smyly, Arthur L., Chicago, Ill. Purification of gas. 1,934,242; Nov. 7.
- Smyntek, Edward J. (See Benson, G. O., and Smyntek, assignors.)
- Smyser, Harry E., assignor to S. Morgan Smith Company, York, Pa. Hydraulic turbine. 1,898,023; Feb. 21.
- Smyser, James S. (See Mancib, Alvin S., assignor.)
- Smyser, James S., Boston, Mass. Electrical apparatus. 1,897,990; Feb. 14.
- Smyser, James S., Boston, Mass. Aircraft. 1,911,041; May 23.
- Smyth, Louis J. (See McIntyre, G. E., and Smyth.)
- Smyth, Louis N., et al. (See Manicke, Ruby L., assignor.)
- Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
- Smythe, Edwin H., Evanston, Ill. Signaling system. 1,918,433; July 18.
- Smythe, Edwin H., Evanston, Ill., assignor to Western Electric Company, New York, N. Y. Sound reproducer. 1,895,494; Jan. 31.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,917,072; July 4.
- Smythe, Edwin H., Evanston, Ill., assignor to American Telephone and Telegraph Company. Method of and apparatus for receiving high frequency oscillations. 1,924,628; Aug. 29.
- Smythe, Edwin H., Evanston, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound reproducer. 1,930,912; Oct. 17.
- Smythe, Edwin H., Evanston, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Sound reproducer. 1,931,878; Oct. 24.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound-reproducing system. 1,935,300; Nov. 14.
- Smythe, Edwin H., Evanston, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound-reproducing system. 1,935,301; Nov. 14.
- Smythe, Frank A., assignor to The Thew-Shovel Company, Lorain, Ohio. Tractor. 1,906,116; Apr. 25.
- Snadden, Joseph X., Collinsville, Ill. Cigarette extinguisher. 1,912,598; June 6.
- Snader, Howard B., assignor to Vanity Fair Silk Mills, Reading, Pa. Hosiery with elastic strain absorber. 1,929,006; Oct. 3.
- Snap-On Tools, Inc. (See Gayne, Gideon R., assignor.)
- Snap-on Tools, Inc. (See Palmer, Stanton, assignor.)
- Snappies, Inc. (See Strahm, Allen D., assignor.)
- Snarr, George W., Webster Groves, assignor to Geo. W. Snarr & Co., St. Louis, Mo. Bearing extracting and installing device. 1,897,737; Feb. 14.
- Snarr, Geo. W., & Co. (See Snarr, George W., assignor.)
- Snavelly, Earl R., Roselle, assignor to The Fire King Co., Inc., Union, N. J. Mercury switch. 1,900,080; Mar. 7.
- Snavelly, Earl R., Roselle, assignor to The Fire King Company, Inc., Newark, N. J. Safety device for burners. 1,911,776; May 30.
- Snavelly, Earl R., Union, assignor to E. L. Snavelly, Newark, N. J. Combined house heating and domestic water heating system. 1,921,708; Aug. 8.
- Snavelly, Evelyn L. (See Snavelly, Earl R., assignor.)
- Snax Automatic Stores, Incorporated. (See Ziganek, Ferdinand, assignor.)
- Snay, Carl, Berlin-Schmargendorf, Germany. Time switch. 1,895,350; Jan. 24.
- Sneath Glass Company. (See Crimmel, Alvie C. and H. H., assignors.)
- Snedaker, Earl R., assignor to Carlton Products, Philadelphia, Pa. Game board, target, or similar article. Des. 90,217; June 27.
- Snedden, Robert J., Kansas City, Mo. Pencil holder. 1,936,213; Nov. 21.
- Snedegar, Monteith. (See Rash, A. Z., and Rogers, assignors.)
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Heating and ventilating unit. Re18,875; June 20.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Water mixer. 1,901,268; Mar. 14.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Electrohydrostat. 1,908,927; May 16.
- Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Ventilating damper. 1,926,120; Sept. 12.
- Sneed, John, Grosse Pointe Shores, Mich. Forming links. 1,899,645; Feb. 28.
- Sneed, John, Grosse Pointe Shores, Mich. Brake shoe and making same. 1,916,851; July 4.
- Sneed, John, Ferndale, Mich. Link. 1,910,187; May 23.
- Sneed, John, Kansas City, Mo., assignor to Steeldraulic Brake Corporation, Detroit, Mich. Four-wheel brake. 1,899,644; Feb. 28.
- Sneed, John, Grosse Pointe Shores, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Brake shoe. 1,917,184; July 4.
- Sneed, John, Ferndale, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Making hollow metal articles. 1,912,102; May 30.
- Sneed, John, Ferndale, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake. 1,928,743; Oct. 3.
- Sneed, John, Ferndale, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake. 1,933,079; Oct. 31.
- Sneed, John, Ferndale, Mich., assignor, by mesne assignments, to Thompson Products, Incorporated, Cleveland, Ohio. Tie rod. 1,940,466; Dec. 19.
- Sneed, John, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Flexible conduit. 1,916,896; July 4.
- Sneed, John, assignor to Steeldraulic Brake Corporation, Detroit, Mich. Hydraulic brake. 1,927,139; Sept. 19.
- Sneed, John, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Machine for forming rim members. 1,939,577; Dec. 12.
- Sneierson, Samuel L., Roxbury, assignor to Royal Electric Company, Incorporated, Avon, Mass. Fuse plug. 1,911,095; May 23.
- Sneierson, Samuel L., Roxbury, and Eifel B. Gale, Auburn-dale, Mass., assignors, by mesne assignments, to Carling Tool & Machine Company, Hartford, Conn. Canopy switch. 1,901,337; Mar. 14.

- Snell, Addison S. (See Gulia, F., and Snell.)
- Snell, Foster D., and A. London, Brooklyn, N. Y., assignors to Londat Aetz Fabric Co., Elizabeth, N. J. Rubberized fabric. 1,929,368; Oct. 3.
- Snell, Gaylord Clinton, Toronto, Ontario, assignor to Appleford Paper Products Limited, Hamilton, Canada. Container. 1,919,912; July 25.
- Snell, Harm D., Port Arthur, Tex. Wave motor. 1,928,986; Oct. 3.
- Snell, James C., assignor to Clum Manufacturing Company, Milwaukee, Wis. Snap switch. 1,925,612; Sept. 5.
- Snell, Lester W., Alton, Ill., assignor, by mesne assignments, to The Lummus Company, Boston, Mass. Recovering products from fractionating condensers. Re18,722; Jan. 24.
- Snell, Lyle K., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,903,391; Apr. 4.
- Snell, Lyle K., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure. 1,922,112; Aug. 15.
- Snell, Lyle K., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Brake. 1,925,286; Sept. 5.
- Snell, Lyle K., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Closure structure. 1,928,913; Oct. 3.
- Snell, Lyle K., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Brake. 1,930,779; Oct. 17.
- Snelling, Henry H., et al. (See Read, David Y., assignor.)
- Snelling, Walter O., Allentown, Pa. Foundry flask. 1,900,137; Mar. 7.
- Snelling, Walter O., Allentown, Pa. Perfume. 1,912,799; June 6.
- Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Blank cartridge. 1,917,998; July 11.
- Snelling, Walter O., and C. B. Koch, Allentown, Pa., assignors to Trojan Powder Company. Manufacture of detonating fuse. 1,923,761; Aug. 22.
- Snider, Earl J., Denaire, Calif. Food product and making the same. 1,908,454; May 9.
- Snider, Guido, Milan, Italy. Apparatus for the commercial preparation of coffee beverages. 1,903,519; Apr. 11.
- Snider, Herbert B., Ellensburg, Wash. Manicuring method and means. 1,900,028; Mar. 7.
- Snidow, Samuel W., Roanoke, Va. Combination curtain and shade bracket. 1,895,557; Jan. 31.
- Snoddy, Arnon O. (See Holmes, F. E., and Snoddy.)
- Snodgrass, Edward N., assignor to Norman Confections Inc., Denver, Colo. Ice cream confection. 1,898,148; Feb. 21.
- Snodgrass, John L., assignor to Alemite Corporation, Chicago, Ill. Grease gun. 1,903,227; Mar. 28.
- Snodgrass, Leslie E., Dayton, Ohio. Baseball game apparatus. 1,911,651; May 30.
- Snodgrass, Tyler F., Denver, Colo. Self-serve food case. 1,895,089; Jan. 24.
- Snouffer, Harry O., Deer Creek, Okla. Emasculatome. 1,929,102; Oct. 3.
- Snow, Earl H., Sleepy Eye, Minn. Incubator. 1,901,614; Mar. 14.
- Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, East Boston, Mass. Track laying tractor. 1,901,269; Mar. 14.
- Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, East Boston, Mass. Reversing mechanism. 1,903,200; Mar. 28.
- Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, East Boston, Mass. Excavator. 1,905,191; Apr. 25.
- Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, Boston, Mass. Controlling mechanism for tractors. 1,906,428; May 2.
- Snow, Frederick O., jr., Winchester, assignor to Mead-Morrison Manufacturing Company, East Boston, Mass. Friction clutch. 1,935,581; Nov. 14.
- Snow, Harold A., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Screen-grid amplifier. 1,895,902; Jan. 31.
- Snow, Harold A., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variable condenser and coupling device. 1,913,007; June 6.
- Snow, Harold A., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Input system for electrical amplifiers. 1,911,096; May 23.
- Snow, Harold L., Hammond, assignor to Standard Oil Company, Whiting, Ind. Apparatus for converting hydrocarbon oils. 1,911,476; May 30.
- Snow, Harold R., Hammond, assignor to Standard Oil Company, Whiting, Ind. Converting hydrocarbon oils. 1,908,001; May 9.
- Snow, Harold R., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Fractionation of hydrocarbon oils. 1,938,118; Dec. 5.
- Snow, Harold R., and F. W. Sullivan, jr., Hammond, assignors to Standard Oil Company, Whiting, Ind. Producing low boiling point hydrocarbon oils from high boiling point hydrocarbon oils. 1,918,991; July 18.
- Snow, Herbert C., Auburn, Ind., assignor to Manning & Co., Chicago, Ill. Conductor manifold for current distributors. 1,913,964; June 13.
- Snow, Herbert C., Auburn, Ind., assignor to Manning & Co., Chicago, Ill. Oil filling device for crank cases. 1,920,530; Aug. 1.
- Snow, Karl F., Brecksville, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Apparatus for handling cylindrical articles and the like. 1,901,360; Mar. 14.
- Snow, Karl F., Brecksville, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Barrel handling and treating mechanism. 1,919,809; July 25.
- Snow, Karl F., Brecksville, and M. E. First, Lakewood, assignors to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Treating apparatus. 1,907,013; May 2.
- Snow, Karl F., Brecksville, and B. A. Smith, Rocky River, assignors to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Apparatus for drying barrels and like articles. 1,940,978; Dec. 26.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,896,565; Feb. 7.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,899,733; Feb. 28.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,926,248; Sept. 12.
- Snow, Norman L., New Canaan, Conn., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 1,931,272; Oct. 17.
- Snow, Norman L., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,903,486; Apr. 11.
- Snow, Norman L., New Canaan, and W. P. Thomas, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,894,297; Jan. 17.
- Snow, Norman L., New Canaan, Conn., and W. P. Thomas, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Blower for air heaters. 1,903,650; Apr. 11.
- Snow, Norman L., New Canaan, Conn., F. Bowers, and C. L. Howse, Detroit, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,934,828; Nov. 14.
- Snow, Norman L., New Canaan, Conn., and S. F. Cox, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,934,829; Nov. 14.
- Snow & Petrelli Manufacturing Company, The. (See Nabstedt, Arthur T., assignor.)
- Snowden, Frederic E., and J. P. Roach, Los Angeles, Calif. Air cooler and humidifier. 1,903,301; Apr. 4.
- Snowman, Miles A., Boston, Mass. Butterfly doll. Des. 89,800; May 2.
- Snyder, Almond H. (See Entz, T. B., and Snyder.)
- Snyder, Almond H., Lancaster, assignor, by mesne assignments, to Gould Storage Battery Corporation, Depew, N. Y. Storage battery. 1,900,307; Mar. 7.
- Snyder, Almond H., Lancaster, assignor, by mesne assignments, to Gould Storage Battery Corporation, Depew, N. Y. Storage battery cell. 1,900,308; Mar. 7.
- Snyder, Carl M., Glen Ellyn, Ill., assignor to Walker Dishwasher Corporation. Dishwashing machine. 1,938,302; Dec. 5.
- Snyder, Charles A., Willow Grove, Pa. Milk bottle crate. 1,929,041; Oct. 3.
- Snyder, Charles A., Willow Grove, Pa. Milk bottle shipping container. 1,934,453; Nov. 7.
- Snyder, Charles R., Miami, Fla. Brake applying mechanism for motor vehicles. 1,908,455; May 9.
- Snyder, Charles R., Miami, Fla. Motor vehicle brake-operating mechanism. 1,930,961; Oct. 17.
- Snyder, Christopher H., Berkeley, Calif. Building and constructing the same. 1,906,117; Apr. 25.
- Snyder, Clay M., assignor to Centrifugal Machine Company, Atlanta, Ga. Method and apparatus for molding concrete pipe. 1,904,094; Apr. 18.
- Snyder, Daniel O., Muncy, Pa. Horseshoe. 1,921,891; Aug. 8.
- Snyder, Eugene L., Canton, Ohio. Unit heater. 1,922,144; Aug. 15.
- Snyder, Francis H., Niagara Falls, N. Y., and S. F. M. McLaren, assignors to Industrial Research, Limited, Niagara Falls, Ontario, Canada. Preparing metal surfaces for coating with metals and metal alloys. 1,932,713; Oct. 31.
- Snyder, Francis H., Niagara Falls, N. Y., and S. F. M. McLaren, assignors to Industrial Research, Limited, Niagara Falls, Ontario, Canada. Recovery of pulp from waste paper. 1,933,227-8; Oct. 31.
- Snyder, Frank W., Cody, assignor to N. V. Franklin, Omaha, Nebr. Cigar or cigarette lighter. 1,925,287; Sept. 5.
- Snyder, Franklin L., Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, Tap-changing-underload equipment. 1,905,249; Apr. 25.
- Snyder, Frederick H., Churchillville, N. Y. Tractor. 1,923,332; Aug. 22.
- Snyder, George C., Elmhurst, N. Y. Method and apparatus for making laminated paper board covers. 1,907,601; May 9.
- Snyder, George C., Elmhurst, N. Y. Carton structure. 1,929,456; Oct. 10.

Snyder, George C., Elmhurst, N. Y., assignor to The Guardian Trust Company, Cleveland, Ohio. Making grooved fibrous board. 1,940,106; Dec. 19.

Snyder, George H., Philadelphia, Pa. Cigar box. 1,897,868; Feb. 14.

Snyder and Gray Incorporated. (See Peterson, Wilber F., assignor.)

Snyder, Henry C., Kis-Lyn, Pa. Cooking utensil. 1,900,619; Mar. 7.

Snyder, Howard F., assignor, by mesne assignments, to The Maytag Company, Newton, Iowa. Washing apparatus. 1,898,221; Feb. 21.

Snyder, James E. (See Charch, W. H., and Snyder, assignors.)

Snyder, James O., Indianapolis, Ind. Compression control device for internal combustion engines. 1,925,086; Sept. 5.

Snyder, Jay C., Toledo, Ohio. Sound recording and reproducing apparatus. 1,903,487; Apr. 11.

Snyder, Joe. (See Reins, J., and Snyder.)

Snyder, Joseph A. (See Gagne, A. L., and Snyder.)

Snyder, Louis, Philadelphia, Pa. Manicuring set. 1,928,035; Sept. 26.

Snyder, Louis M., Brooklyn, assignor, by mesne assignments, to J. W. Anderson, New York, N. Y. Manifold material. 1,904,650; Apr. 18.

Snyder, Millard L., York, Pa. Container. 1,936,312; Nov. 21.

Snyder, Oscar L., Marysville, Mich., assignor, by mesne assignments, to Continental Aircraft Engine Company. Crank shaft. 1,908,071; May 9.

Snyder, Robert W., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Machine for shaping tires and inserting air bags therein. Re18,812; May 2.

Snyder, Robert W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Method of and machine for treating rubber compound. 1,897,961; Feb. 14.

Snyder, Robert W., and M. Lammertse, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Brake. 1,918,572; July 18.

Snyder, Rudolph E., Denville, N. J. Garage ventilating means. 1,909,728; May 16.

Snyder, Russell E., Chicago, Ill. Ash tray. Des. 90,053; May 30.

Snyder, Sheridan E., Rochester, Pa. Fused attachment plug for extension cords. 1,935,525; Nov. 14.

Snyder, Theodore J., Chicago, Ill. Document paper. 1,910,568; May 23.

Snyder, Walter M., Detroit, Mich., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Chuck. 1,939,147; Dec. 12.

Snyder, Ward H., assignor of one-third to F. F. Farkas, and one-third to E. N. Farkas, Chicago, Ill. Adjustment indicating mechanism for cameras. 1,918,143; July 11.

Snyder, William A. (See Brainard, W. L., and Snyder.)

Snyder, William B. (See Rhea, T. R., and Snyder.)

Snyder, William B., and D. E. Chambers, Schenectady, N. Y., assignor to General Electric Company. Conveyor synchronizing control. 1,899,595; Feb. 28.

Soabar Company. (See Henry, George W., jr., assignor.)

Soat, Joe. (See Staats, Franklin E., assignor.)

Sobel, Herman, New York, N. Y. Sign frame. Des. 90,054; May 30.

Sobey, Melville M., Hudson, N. Y. Propeller and shaft coupling. 1,895,402; Jan. 24.

Sobocinski, Felix L., assignor of one-half to F. Wojtowicz, Buffalo, N. Y. Aerial eliminator. 1,922,335; Aug. 15.

Sobol, Benjamin, Denver, Colo. Dandelion digger. 1,931,773; Oct. 24.

Soc. Ital. Transfer Albini, S. I. T. A. (See Colombo, Carlo A., assignor.)

Societa Anonima Arturo Junghans Fabbrica D'Orologeria. (See Junghans, Helmut, assignor.)

Societa Anonima Automobili Ansaldo. (See Cappa, Giulio C., assignor.)

Societa Anonima "Officina Meccanica St. Andrea-Novara". (See Schleifer, Carlo, assignor.)

Societa Italiana Ernesto Breda per Costruzioni Meccaniche. (See Fasoli, M., and Diegoli, assignors.)

Societa Italiana Pirelli. (See Bottasso, Carlo, assignor.)

Societa Italiana Pirelli. (See Bruni, G., and Levi, assignor.)

Societa Italiana Pirelli. (See Emanuelli, Luigi, assignor.)

Societa Italiana Pirelli. (See Faldini, Mario, assignor.)

Societa Italiana Pirelli. (See Pestalozza, Ugo, assignor.)

Societa Italiana Pirelli. (See Venosta, Giuseppe, assignor.)

Societa a Responsabilitè Limitee "Etablissements Rotatiss." (See Séry, Claude, assignor.)

Societa a Responsabilitè limitée Jacques Kellner. (See Kellner, Jacques, assignor.)

Societa Anciens Etablissements A. Combe & Fils & Cie. (See Friedman, Charles S., assignor.)

Societa Anonyme Adolphe Saurer. (See Mayer, Heinrich, assignor.)

Societa Anonyme Adolphe Saurer. (See Wiget, Georg, assignor.)

Societa Anonyme Appareils et Evaporateurs Kestner. (See Charrier, Henri, assignor.)

Societa Anonyme Assuro. (See Laengel, Henri C., assignor.)

Societa Anonyme Chantiers et Ateliers Augustin Normand. (See Augustin-Normand, Paul, assignor.)

Societa Anonyme, Compagnie Centrale des Emeris et Produits a Polir. (See Lemerle, Jacques, assignor.)

"Société Anonyme de Construction de Matériel Automobile, S. A. C. M. A." (See Mennesson, Marcel, assignor.)

Societe Anonyme des Ateliers Brillie Freres. (See Battégay, Constant, assignor.)

Societe Anonyme des Ateliers d'Aviation Louis Breguet. (See Breguet, Louis, assignor.)

Societe Anonyme des Distilleries des Deux-Sevres. (See Ricard, E., and Guinot, assignors.)

Société Anonyme des Etablissements Cuttat. (See Cuttat, Georges, assignor.)

Societe Anonyme des Etablissements Piganeau & Co. (See Lauer, Léon N., assignor.)

Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Bergerand, Lucien, assignor.)

Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Bétrancourt, Fortuné, assignor.)

Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Lebel, Henry, assignor.)

Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis. (See Lantz, Robert, assignor.)

Societe Anonyme des Matieres Colorantes & Produits Chimiques de Saint-Denis. (See Lantz, R., and Wahl, assignors.)

Société Anonyme des Mecanique Verdol. (See Ratelade, Marie A. R., assignor.)

Societe Anonyme des Ondes Dirigees. (See Jacquemin, Francois L. E., assignor.)

Societe Anonyme des Usines Chausson. (See Coquille, Emille H., assignor.)

Societe Anonyme d'Ougree Marihaye. (See Amand, James E., assignor.)

Société Anonyme d'Ougree Marihaye. (See Simon, Georges, assignor.)

Société Anonyme "Engins de Pêche Maritime". (See Robert, Alphonse V. A., assignor.)

Societe Anonyme Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)

Societe Anonyme Etablissements Roques. (See Tirard, Auguste, assignor.)

Societe Anonyme Fabbriche Formentl. (See Passoni, Domenico, assignor.)

Société Anonyme Française du "Ferodo". (See van Meurs, Jean, assignor.)

Societe Anonyme la Cooperation Agricole & Industrielle. (See Claudel, Charles H., assignor.)

Société Anonyme le Carbone. (See Oppenheim, René, assignor.)

Societe Anonyme: Le Mondial. (See Levinson, Ruvin, assignor.)

Société Anonyme "Montres Clarté". (See Ditsheim, Gaspar F., assignor.)

Société Anonyme pour le Traitement des Minerals Aluminopotassiques. (See Leu, Charles, assignor.)

"Société Anonyme pour l'Exploitation des Papeteries L. Lacroix Fils." (See Booth, Richard N., assignor.)

Societe Belge du Caoutchouc Mousse. (See Raepsaet, Maurice P. H. L., assignor.)

Societe Cema Constructions Electro Mecaniques d'Asnieres (Societe Anonyme). (See Dubois, Raymond, assignor.)

Societe Chimique de la Grande Paroisse Azote & Produits Chimiques. (See Gosselin, A. H. A., assignor.)

Societe de Produits, Chimique des Terres Rares. (See Blumenfeld, Joseph, assignor.)

Société de Recherches & d'Exploitations Pétroliferes. (See Ackermann, Arthur, assignor.)

Societe de Recherches & d'Exploitations Pétroliferes. (See Godel, Albert, assignor.)

Societe des Etablissements Gaumont. (See S. Deville, Etienne, assignor.)

Société des Etablissements Krauss-Optique et Mecanique de Precision. (See Charvet, Gustave, assignor.)

Societe des Usines Chimiques Rhone-Poulenc. (See Angla, Bernard M. R., assignor.)

Societe des Usines Chimiques Rhone-Poulenc. (See Gault, H., and Angla, assignors.)

Société d'Etudes & de Constructions Metallurgiques. (See Grosbost, Alphonse, assignor.)

Societe d'Etudes Scientifiques et d'Entreprises Industrielles. (See Mitteau, Ferdinand, assignor.)

Societe d'Exploitation des Brevets Cotal. (See Cotal, Jean, assignor.)

Societe d'Exploitation des Procèdes Dabeg. (See Kupka, Johann, assignor.)

Société Dite Maison Camus Duchermin Société Anonyme. (See Mauger, Jacques G., assignor.)

Societe du Carburateur Zenith. (See Montgomery, Edmund, assignor.)

Societe du Carburateur Zenith. (See Heftler, Victor R., assignor.)

Societe en Nom Collectif dite: Veuve Paul Luc & Cie. (See Millet, Paul, assignor.)

Societe Etablissements Edoux-Samain. (See Roche, Henri, assignor.)

Société Française des Films Herault. (See Dorel, F., assignor, and Bellier.)

Societe Française des Glycerines. (See Boutet, Robert C. M. P. F., assignor.)

Societe Française d'Etudes & de Brevets. (See Mincovsky, Zounia, assignor.)

Societe Française Radio-Electrique. (See Bernard, Marcel, assignor.)

- Societe Francaise Radio Electrique. (See Borias, Paul, assignor.)
- Société Française Radio-Electrique. (See Chauveau, Louis L. E., assignor.)
- Société Générale de Fours a Coke Systems Lecocq Société Anonyme. (See Lecocq, Eugène, assignor.)
- Societe Generale des Carburateurs Zenith. (See Viel, Louis L., assignor.)
- Societe Generale Metallurgique de Hoboken. (See Leemans, Joseph P., assignor.)
- Société Hardoll (Etablissements Hariveau & Dolimier, et René Porte & Cie Reunis). (See Porte, René, assignor.)
- Société l'Air Liquide Société Anonyme pour l'Etude & l'Exploitation des Procédés Georges Claude. (See Jean, M. C., and Matile, assignors.)
- Societe l'Air Liquide, Société Anonyme pour l'Etude a l'Exploitation, des Procédés Georges Claude. (See Jean, M. C., and Matile, assignors.)
- Société Industrielle des Procédés W. A. Loth. (See Loth, William A., assignor.)
- Societe of Chemical Industry in Basle. (See Blanchod, J., and Wirz, assignors.)
- Societe of Chemical Industry in Basle. (See Straub, F., and Brunner, assignors.)
- Société Provia. (See Huet, André, assignor.)
- Societe "Quartz & Silice". (See Delpech, Gaston, assignor.)
- Societe Quartz & Silice. (See George, Henri, assignor.)
- Societe Salone, Ing. E. C. P. & Lucas. (See Salone, J. C. G., and Lucas, assignors.)
- Societe Technique d'Optique et de Photographie S. T. O. P. (See Chretien, Georges, assignor.)
- Society "Fusion-Moteurs." (See Bernard, Auguste L. R., assignor.)
- Society l'Accessoire de Precision, The. (See Malivert, Jules E., assignor.)
- Society of Chemical Industry in Basle. (See Bally, Oscar, assignor.)
- Society of Chemical Industry in Basle. (See Bonhôte, Gérald, assignor.)
- Society of Chemical Industry in Basle. (See de Montmolin, G., Danuser, Bonhôte, and Johner, assignors.)
- Society of Chemical Industry in Basle. (See Felix, Friedrich, assignor.)
- Society of Chemical Industry in Basle. (See Felix, F., and Albrecht, assignors.)
- Society of Chemical Industry in Basle. (See Felix, F., and Huber, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, Charles, assignor.)
- Society of Chemical Industry in Basle. (See Grossmann, Paul, assignor.)
- Society of Chemical Industry in Basle. (See Gyr, Joseph, assignor.)
- Society of Chemical Industry in Basle. (See Haller, Robert, assignor.)
- Society of Chemical Industry in Basle. (See Haller, R., and Heckendorf, assignors.)
- Society of Chemical Industry in Basle. (See Haller, R., and Rupert, assignors.)
- Society of Chemical Industry in Basle. (See Hartmann, M., and Seiberth, assignors.)
- Society of Chemical Industry in Basle. (See Hauser, H., and Bommer, assignors.)
- Society of Chemical Industry in Basle. (See Jaeck, W., and Lang, assignors.)
- Society of Chemical Industry in Basle. (See Kägi, Hans, assignor.)
- Society of Chemical Industry in Basle. (See Krummenacher, Eduard, assignor.)
- Society of Chemical Industry in Basle. (See Landolt, Albert, assignor.)
- Society of Chemical Industry in Basle. (See Miescher, K., and Urech, assignors.)
- Society of Chemical Industry in Basle. (See Moser, Wilhelm, assignor.)
- Society of Chemical Industry in Basle. (See Schetelig, P., and Sutter, assignors.)
- Society of Chemical Industry in Basle. (See Siebenbürger, Hugo, assignor.)
- Society of Chemical Industry in Basle. (See Steinbuch, E., Eschmann, and Schwammberger, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Hanhart, assignors.)
- Society of Chemical Industry in Basle. (See Straub F., and Mayer, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Soneider, assignors.)
- Society of Chemical Industry in Basle. (See Straub, F., and Widmer, assignors.)
- Society of Chemical Industry in Basle. (See Tobler, R., and Kern, assignors.)
- Society of Chemical Industry in Basle. (See Wettstein, Walter, assignor.)
- Sockler, Charles E., Shambaugh, Iowa. Container with adjustable package holder. 1,938,051; Dec. 5.
- Soehman, Walter E., Chicago, Ill. Airplane construction. 1,938,156; Dec. 5.
- Socony-Vacuum Corporation. (See Bridges, Kenneth L., assignor.)
- Socony-Vacuum Corporation. (See Counce, Harlan R., assignor.)
- Socony-Vacuum Corporation. (See Dunham, George S., assignor.)
- Socony Vacuum Corporation. (See Filter, Frank R., assignor.)
- Socony-Vacuum Corporation. (See Irwin, R. R., and Marshall, assignors.)
- Socony-Vacuum Corporation. (See Rather, J. B., Beard, and Reiff, assignors.)
- Soddy, Frederick, Oxford, England. Epicyclic gearing. 1,910,777; May 23.
- Soder, Oscar, Niederlenz, Switzerland. Single-roll grinding mill. 1,936,972; Nov. 28.
- Soderberg, Carl R., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vibration absorber. Re18,861; June 6.
- Soderberg, Jacob, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Feeder for abrasives. 1,928,036; Sept. 26.
- Soderberg, Sten E. B., Passaic, assignor to Leslie Company. Lyndhurst, N. J. Regulator. 1,905,519; Apr. 25.
- Soderberg, Walter E., Duluth, Minn., assignor to H. H. Slingerland, Chicago, Ill. Snare drum. 1,894,068; Jan. 10.
- Söderlund, Olof, Clapham Park, assignor to Techno-Chemical Laboratories, Limited, London, England. Drying of young grass, fodder, and the like. 1,917,467; July 11.
- Soderstrom, John M., Turlock, Calif. Automatic feed hopper. 1,898,269; Feb. 21.
- Soehner, John D., St. Albans, N. Y., assignor, by mesne assignments, to Metropolitan Engineering Company. Radiator. 1,904,555; Apr. 18.
- Soelch, George F. (See Ladewig, A. E., and Soelch.)
- Soemer, John O., assignor to The Steffens-Amberg Co., Newark, N. J. Lock push plate device. 1,898,505; Feb. 21.
- Soenksen, Hanns. (See Mueller-Cunradi, M., and Soenksen.)
- Soesman, Albert A., et al. (See Reichmann, Wilhelm, assignor.)
- Soffel, Alberta L., Los Angeles, Calif. Display cabinet. 1,916,238; July 4.
- Softis, Nick P., St. Louis, Mo. Flying machine. 1,916,340; July 4.
- Softis, Nick P., St. Louis, Mo. Parachutes and parachute launching means. 1,934,382; Nov. 7.
- Sohn, Carl, Stratford, Conn. Hedge trimmer. 1,904,390; Apr. 17.
- Sohn, Erwin, Oak Park, Ill. Rack for electroplating. 1,899,992; Mar. 7.
- Sohn, John, Deadwood, S. Dak. Camera finder. 1,896,428; Feb. 7.
- Sohst, Adele, administratrix. (See Sohst, Otto.)
- Sohst, Otto, deceased, by A. Sohst, administratrix, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dye-stuffs insoluble in water and fiber dyed therewith. 1,934,773; Nov. 14.
- Sokolow, Samuel, New York, N. Y., assignor, by mesne assignments, to Bond Electric Corporation, Jersey City, N. J. Automatic dry-cell making machinery. 1,933,350; Oct. 31.
- Sol, Manuel, Santa Clara, Calif. Pumping assembly. 1,934,333; Nov. 7.
- Sola Corporation. (See Sola, Joseph G., assignor.)
- Sola, Joseph G., assignor to Sola Corporation, Chicago, Ill. Voltage compensator. 1,893,251; Jan. 3.
- Solar Industries, Inc. (See Ballentine, Earle W., assignor.)
- Solar Industries, Inc. (See Russell, Thomas C., assignor.)
- Solar Laboratories. (See Smith, J. C., and Campbell, assignors.)
- Solar-Sturges Mfg. Co. (See Meyer, Paul H., assignor.)
- Solar-Sturges Mfg. Co. (See Walker, James P., assignor.)
- Solar-Sturges Mfg. Co. (See Wynne, R. J., and Meyer, assignors.)
- Solberg, Oscar T., Kleenburn, C. M. Shott. Monarch, and H. M. Walker, assignors to Kleenburn Stoker Corporation, Gleenburn, Wyo. Grate. 1,914,873; June 20.
- Soldan, Lewis E., Buffalo, N. Y., assignor to Productive Equipment Corporation, Chicago, Ill. Screening apparatus. 1,919,485; July 25.
- Soldan, Otto. (See Weber, O., and Soldan.)
- Soldani, John, Southbridge, Mass., assignor to Bourjois, Inc., New York, N. Y. Display cabinet. Des. 91,253; Dec. 26.
- Sole, John H., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator system. 1,915,389; June 27.
- Solem, Peter A., Rockford, Ill. Sanding machine. 1,912,046; May 30.
- Solem, Peter A., Rockford, Ill. Bearing for sanding machines. 1,916,897; July 4.
- Solem, Peter A., Rockford, Ill. Drum type sander. 1,921,995; Aug. 8.
- Solem, Peter A., Rockford, Ill., and D. J. McLaughlin, Ilion, N. Y.; said McLaughlin assignor to said Solem. Hopper feed for endless bed machines. 1,893,566; Jan. 10.
- Solenberger, Dean M., Cleveland, Ohio, assignor to The Simplex Piston Ring Company of America, Inc. Device for reducing piston slap in internal combustion engines. 1,920,114; July 25.
- Solescope, Incorporated. (See Howe, Thorndike D., assignor.)

- Solescope, Incorporated. (See Howe, Thorndike D., jr., assignor.)
- Soley, William G. (See Benner, R. C., Walker, and Soley.)
- Solie, Harold L., and N. J. Hedlund, Minneapolis, Minn. Can washing machine. 1,904,891; Apr. 18.
- Soll, Arthur, Compton, Calif., assignor of thirty-seven and one-half per cent to L. A. Larson and twenty-five per cent to S. C. Bever, Burley, Ohio. Telescoping core-drill. 1,896,469; Feb. 7.
- Soll, Julius. (See Specketer, H., and Soll.)
- Söll, Julius, Frankfort-on-the-Main-Schwanheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing hydrofluoric acid. 1,903,408; Apr. 4.
- Söll, Julius, Frankfort-on-the-Main-Schwanheim, and B. Hennig, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing 1,1,2-tri-chloro-ethane. 1,914,465; June 20.
- Sollanek, Emil, S. Walters, and A. E. Young, Keansburg, N. J. Swing. 1,927,223; Sept. 19.
- Solliday, Foster K., assignor to National Brass Company, Grand Rapids, Mich. Lock. 1,929,658; Oct. 10.
- Sollie, Sigurd A., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Electromagnetic sound reproducer. 1,934,099; Nov. 7.
- Solomita, Albert, Brooklyn, N. Y. Sign with changeable panel. 1,893,567; Jan. 10.
- Solomon, Nat L., Brooklyn, assignor to H. S. Reel, New York, N. Y. Container. 1,916,493; July 4.
- Solomon, Nathan L., Brooklyn, N. Y. Hair curling device. 1,935,133; Nov. 14.
- Solomon, Nathan L., Brooklyn, N. Y. Hair holding device. 1,899,428; Feb. 28.
- Solomon, Raymond J., assignor to A. T. Spare, Chicago, Ill. Packing device. 1,934,566; Nov. 7.
- Solomon, Sophia, Brooklyn, N. Y. Textile fabric. Des. 89,161; Jan. 31.
- Solomon, Sophia, Brooklyn, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 89,014; Jan. 10.
- Solomon, Sophia, Brooklyn, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 89,015; Jan. 10.
- Solomon, Sophia, Brooklyn, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 89,161; Jan. 31.
- Solomon, Sophia, Brooklyn, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 89,221; Feb. 7.
- Soloo, Alf, Tacoma, Wash. Air heater. 1,927,959; Sept. 26.
- Solum, Aksel, Lancaster, N. Y. Lamp mounting for bowling alleys. 1,904,016; Apr. 18.
- Solum, Conrad R., Huntington Park, Calif. Earth drilling bit. 1,895,526; Jan. 31.
- Solvay Process Company. (See Britton, Harry C., assignor.)
- Solvay Process Company, The. (See Cole, Ray, assignor.)
- Solvay Process Company, The. (See Lykes, Coke S., assignor.)
- Solvay Process Company, The. (See Patterson, Clarence T., assignor.)
- Solvay Process Company, The. (See Rynalski, Henryk, assignor.)
- Somach, Beatrice R. (See Ross, Louis, assignor.)
- Somers, Edmund, Linwood, N. J. Humidifier for hot air furnaces or heaters. 1,914,307; June 13.
- Somers, Richard M., Orange, assignor to Thomas A. Edison Incorporated, West Orange, N. J. Amplifying apparatus. 1,932,645; Oct. 31.
- Somers, Wilbur E., Spokane, Wash. Automobile headlight. 1,937,724; Dec. 5.
- Somersall, William W., assignor to New England Pressed Steel Company, Natick, Mass. Portable heater. 1,900,956; Mar. 14.
- Somervell, Howard. (See Taylor, E. H., Seifert, Mericka, Loser, Behnke, and Somervell.)
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,079; June 27.
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,080; June 27.
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,081; June 27.
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,082; June 27.
- Somervell, Howard, Evanston, assignor to American Steel Foundries, Chicago, Ill. Truck. 1,916,083; June 27.
- Somerville, Frank J., assignor to Imperial Tobacco Company of Canada, Limited, Montreal, Quebec, Canada. Cigar head knurling and punching device. 1,916,774; July 4.
- Somerville, Henry I., Mill Hall, Pa. Toy. 1,929,995; Oct. 10.
- Somerville, Ian C., Fox Chase, assignor to Rohm & Haas Company, Philadelphia, Pa. Colloidal suspension and method of use. 1,897,773; Feb. 14.
- Somerville, Ian C., Fox Chase, Pa., assignor to Rohm & Haas Company. Soluble fatty acid condensation products. 1,924,052; Aug. 22.
- Somerville, Ian C., Fox Chase, assignor to Rohm & Haas Company, Inc., Philadelphia, Pa. Mineral tanning. 1,940,610; Dec. 19.
- Somerville, Ian C., Fox Chase, and H. R. Raterink, assignors to Rohm & Haas Company, Philadelphia, Pa. Tanning. 1,919,756; July 25.
- Somerville Iron Works. (See Lippencott, George H., assignor.)
- Somes, Arthur D. (See Pollard, E. V., and Somes.)
- Somma, John, New York, N. Y. Extension table. 1,911,854; May 30.
- Sommer and Maca Glass Machinery Corporation. (See Edwards, E., and Sommer, assignors.)
- Sommer, Emil, Fort Wayne, Ind., assignor to General Cable Corporation, New York, N. Y. Equipment and method for testing electrical coils and for trimming the leads thereof. 1,908,272; May 9.
- Sommer, John C., St. Louis, Mo. Drawing instrument and adjunctive parts thereof. 1,921,892; Aug. 8.
- Sommer, Josef, Dusseldorf, Germany, and S. J. Ralph, London, England. Production of thickened oil with addition of wood oil and means thereof. 1,915,555; June 27.
- Sommer, Kurt W. (See Edwards, E., and Sommer, assignors.)
- Sommer, Samuel, San Francisco, Calif. Permanent wave heater. 1,920,531; Aug. 1.
- Sommer, William H. (See Herman, W., and Sommer.)
- Sommer, William H. (See Ochiltree, Ned A., assignor.)
- Sommerfeld, Charles F., Jr., Anne Arundel County, Md. Shade bracket. 1,906,662; May 2.
- Sommermeier, August, Berlin-Rudow, Germany. Decomposition and separation apparatus. 1,904,556; Apr. 18.
- Sommers Bros. Appliance Co. (See Sustins, Walter O., assignor.)
- Sommers, Carl J., assignor to The Lustre Co., St. Louis, Mo. Burnishing machine. 1,933,455; Oct. 31.
- Sommers, Howard A., Saltville, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Container. 1,936,214; Nov. 21.
- Sommers, Howard A., and G. J. McInnis, Niagara Falls, N. Y. High pressure compressor packing. 1,927,507; Sept. 19.
- Sommerville, Kenyon S. G. (See Dowling, John J., assignor.)
- Sommerville, William E., Coal City, Ill. Twisting and reeling mechanism for wire rope making machines. 1,900,309; Mar. 7.
- Sommerville, William E., Coal City, Ill. Twister or strand-er. 1,900,310; Mar. 7.
- Sonner, William, London, England, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Machine for pressing sound records and the like. 1,916,996; July 4.
- Sonbert Machine Company. (See Engert, G. A., and Gibson, assignors.)
- Sonderman, Albert F., Ferdinand, Ind., and N. Meinhardt, Preston, Iowa, assignors to F. H. Sonderman, Yorkville, Ind. Chalice. Des. 90,389; July 25.
- Sonderman, F. H. (See Sonderman, A. F., and Meinhardt, assignors.)
- Sondermann, Hermann, Dusseldorf, Germany. Hydraulic machine for testing pipes and the like. 1,913,008; June 6.
- Sondermann U. Co. (See Spindler, Paul, assignor.)
- Sonetto, James, Abington, and P. Cipriano and A. Vercio, Philadelphia, Pa. Ladder. 1,909,231; May 16.
- Sonneborn, L., Sons, Inc. (See Evans, N. S., and Alsberg, assignors.)
- Sonneborn, L., Sons, Inc. (See Liberthson, Leo, assignor.)
- Sonneborn, L., Sons, Inc. (See Ramayya, Kolachala S., assignor.)
- Sonner, Philip J., Winfield, Kans. Gas burner. 1,927,422; Sept. 19.
- Sonnett, William A., assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Game ball. 1,923,236; Aug. 22.
- Sono Equipment Corporation et al. (See Bauch, William H., assignor.)
- Sonoco Products Company et al. (See Butler, Chalmers M., assignor.)
- Sonoco Products Company. (See Dunlap, Charles K., assignor.)
- Sonoco Products Company. (See Stogner, Lawrence B., assignor.)
- Sonoco Products Company. (See Taylor, Joseph K., assignor.)
- Sonotone Corporation. (See Greibach, Emil H., assignor.)
- Sonotone Corporation. (See Lieber, Hugo, assignor.)
- Sontag, Lothar, North Tonawanda, N. Y., assignor to General Plastics, Inc. Plastic phenolic resin composition. 1,911,477; May 30.
- Soper, Henry F., Montclair, N. J., assignor to L. E. Waterman Company, New York, N. Y. Ink bottle cap. Des. 89,939; May 16.
- Soper, Henry F., Montclair, N. J., assignor to L. E. Waterman Company, New York, N. Y. Combination of ink bottle and cap. Des. 90,962; Oct. 31.
- Soper, Raymond H., assignor to Browne-Morse Company, Muskegon, Mich. Drawer pull. 1,897,030; Feb. 14.
- Soper, Roy M., Kansas City, Mo. Oil burner. 1,898,270; Feb. 21.
- Sorber, Daniel G., El Monte, Calif. Apparatus for freezing canned goods. 1,940,192; Dec. 19.
- Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 1,938,941; Dec. 12.

- Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Portable water softener. Des. 89,596; Apr. 11.
- Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Ash tray. Des. 90,299; July 11.
- Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Cigar and cigarette lighter. Des. 90,300; July 11.
- Soreng, Edgar M., assignor to Soreng Manegold Company, Chicago, Ill. Switch. 1,910,069; May 23.
- Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Push-pull lighting switch. 1,910,645; May 23.
- Soreng-Manegold Company. (See Funk, Charles J., assignor.)
- Soreng Manegold Company. (See Soreng, Edgar M., assignor.)
- Sorensen, Andrew J. (See Grondahl, L. O., and Sorensen.)
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,900,408; Mar. 7.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,900,409; Mar. 7.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,900,410; Mar. 7.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,901,047; Mar. 14.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 1,914,929; June 20.
- Sorensen, Andrew J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 1,922,113; Aug. 15.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric control system. 1,940,736; Dec. 26.
- Sorensen, Andrew J., Pittsburgh, and P. H. Dowling, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical translating apparatus. 1,914,220; June 13.
- Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Manufacturing commutator segments. 1,898,696; Feb. 21.
- Sorensen, Clarence T. (See Chadwick, L. S., Resek, and Sorensen.)
- Sorensen, Edward B., assignor to P. F. Scholbe, Detroit, Mich. Refrigerant. 1,892,741; Jan. 3.
- Sorensen, John T., assignor to Zenith Heater Company, Chicago, Ill. Unit heater. 1,901,338; Mar. 14.
- Sorensen, Lillian, Detroit, Mich. Ironing board. 1,897,081; Feb. 14.
- Sorensen, Paul M., et al. (See Ayer, F., Crowfoot, Hérivel, and Sorensen.)
- Sorensen, Sam, Houston, Tex., assignor to Byron Jackson Co., Los Angeles, Calif. Pipe wrench. 1,910,268; May 23.
- Sorenson, Ben E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of furylethylene. 1,911,722; May 30.
- Sorenson, Niels A. (See Walters, R. A., and Sorenson.)
- Soreny, Ernest. (See Betts, W. L., and Soreny.)
- Sorg, H. Theodore. (See Legemann, William, assignor.)
- Sorg, William A., Winona, Minn. Engine. 1,915,170; June 20.
- Sork, Caroline, Philadelphia, Pa. Baby garment. 1,929,263; Oct. 3.
- Soroka, Bernard, Lachine, Quebec, Canada. Dyeing machine. 1,909,232; May 16.
- Sory, Martin L., Bellingham, Wash. Automobile highway safety wall. 1,927,189; Sept. 19.
- Sosna, Samuel E. (See Taylor, George E., assignor.)
- Soss, Joseph. (See Schwartz, Francis H., assignor.)
- Soss, Joseph, Roselle, N. J. Covered joint hinge. 1,901,994; Mar. 21.
- Soss, Joseph, Roselle, N. J. Making hinges. 1,906,648; May 2.
- Soss, Joseph, Roselle, N. J. Candle snuffer. 1,936,691; Nov. 23.
- Soss, Mark, Spokane, Wash. Combination mowing and cultivating machine. 1,917,556; July 11.
- Soter, Samuel N., assignor of 60 per cent to L. N. Strike, Salt Lake City, Utah. Compressor. 1,923,333; Aug. 22.
- Soubier, Leonard D. (See McLaughlin, J. E., Treece, and Soubier.)
- Soubier, Leonard D. (See Rohrich, H. A., and Soubier.)
- Soubier, Leonard D., Woonsocket, R. I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Automatic temperature control for glass. Re19,025; Dec. 12.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Method and apparatus for producing glass articles. 1,894,069; Jan. 10.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass blowing machine. 1,895,137; Jan. 24.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glassware forming machine. 1,895,138; Jan. 24.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass blowing machine. 1,895,139; Jan. 24.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass blowing machine. 1,898,222; Feb. 21.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming hollow glassware. 1,898,404; Feb. 21.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass furnace. 1,904,957; Apr. 18.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,904,958; Apr. 18.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,904,959; Apr. 18.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glass working tank. 1,904,960; Apr. 18.
- Soubier, Leonard D., Alton, Ill., assignor to Owens-Illinois Glass Company. Machine for forming hollow glassware. 1,904,961; Apr. 18.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware forming machine. 1,906,649; May 2.
- Soubier, Leonard D., Alton, Ill., assignor to Owens-Illinois Glass Company. Glass cutting mechanism. 1,906,650; May 2.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming hollow glass articles. 1,912,018; May 30.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glassware annealing lehr. 1,916,178; June 27.
- Soubier, Leonard D., Woonsocket, R. I., assignor to Owens-Illinois Glass Company. Machine for forming glass stoppers. 1,916,179; June 27.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for forming hollow glassware. 1,919,177; July 18.
- Soubier, Leonard D., Woonsocket, R. I., assignor to Owens-Illinois Glass Company. Apparatus for making tubular glass. 1,926,410; Sept. 12.
- Soubier, Leonard D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Machine for forming glass articles. 1,940,634; Dec. 19.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for vacuumizing and sealing jars. 1,940,635; Dec. 19.
- Soubier, Leonard D., and J. H. Treece, assignors to Owens-Illinois Glass Company, Toledo, Ohio. Glassware forming machine. 1,919,176; July 18.
- Soucek, Apollo, U. S. Navy. Filler cap. 1,937,535; Dec. 5.
- Souchard, Henri, Royan, France. Impervious and resilient napkin for infants and invalids. 1,930,398; Oct. 10.
- Soucie, Octave J., Lincoln, Nebr. Nut lock. 1,936,440; Nov. 21.
- Souders, Benjamin S., Decatur, Ill. Foundation gauge. 1,897,682; Feb. 14.
- Souders, Clifford S., Christiana, Pa. Lock nut. 1,915,767; June 27.
- Souders, Mott, jr. (See Brown, G. G., and Souders.)
- Soukup, Frank R., Long Beach, Calif. Adjustable glare shield. 1,927,137; Sept. 19.
- Soulary, Paul, Bruay-en-Artois, France. Apparatus for the pneumatic separation of materials of different densities. 1,901,783; Mar. 14.
- Soule, Arthur C., San Francisco Calif. Sash hanger. 1,920,898; Aug. 1.
- Soulé, Edward I., Berkeley, Calif. Concrete form. 1,898,319; Feb. 21.
- Soule, George C., South Portland, assignor to Maine Steel Products Company, Portland, Maine. Snowplow. 1,926,011; Sept. 5.
- Soule, George C., assignor to Maine Steel Products Company, South Portland, Maine. Snowplow. 1,929,959; Oct. 10.
- Soule, George C., and J. B. Woodbury, South Portland, assignors to Maine Steel Products Company, Portland, Maine. Snowplow. 1,921,374; Aug. 8.
- Soule, George C., and J. B. Woodbury, South Portland, assignors to Maine Steel Products Company, Portland, Maine. Snowplow. 1,929,958; Oct. 10.
- Soulen, Harry B., Milwaukee, Wis., assignor to C. A. Dana and J. B. Pierce, receivers for the Fisk Rubber Company, Chicopee Falls, Mass. Juvenile tiring. 1,921,548; Aug. 8.
- Soules, Verne, Chicago, Ill. Animal racing apparatus. 1,930,780; Oct. 17.
- Sound Laboratory Corporation, Ltd. (See Rieber, Frank, assignor.)
- Soundy, Leonard H., assignor to Uneon Limited, London, England. Electrical supply equipment for discharge tubes. 1,922,984; Aug. 15.
- Sourber, Earl J., Pottsville, Pa. Draft regulator. 1,928,272; Sept. 26.
- South, Furman, jr., Pittsburgh, and O. E. Neuhausen, Zelenople, assignors to Lava Crucible Company, Pittsburgh, Pa. Crucible furnace. 1,930,323; Oct. 10.
- South, Willie L., and C. T. Anné, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Operating filters. 1,925,824; Sept. 5.
- Southas, Jean S. (See Aiello, Ernest, assignor.)
- Southcott, Richard J., Toronto, Ontario, Canada. Combination lock. 1,898,149; Feb. 21.

- Southern Brighton Mills. (See Morgan, J. D., and Durham, assignors.)
- Southern California Gas Company. (See Douillard, Frank T., assignor.)
- Southern Ice Supply Company, et al. (See Hancock, R. J., assignor, and Garrison.)
- Southern Kraft Corporation. (See Kondolf, Henry, assignor.)
- Southern Mineral Products Corporation. (See Saklatwalla, B. D., and Dunn, assignors.)
- Southern Oregon Sales Inc. (See Scherer, P. A., and Ridley, assignors.)
- Southern Prison Company. (See White, Loyd J., assignor.)
- Southern Spring Bed Company. (See Schwab, Robert W., assignor.)
- Southern States Equipment Company. (See Lemmon, G. N., and Spurgeon, assignors.)
- Southern States Equipment Company. (See Spurgeon, S. J. Knowles, and Lemmon, assignors.)
- Southern Textile Machinery Company. (See Parkin, Robert N., assignor.)
- Southern Water Heater Corporation. (See McKinley, Edwin W., assignor.)
- Southern Wheel Company. (See Fahrenwald, Frank A., assignor.)
- Southgate, George T., Forest Hills, N. Y., assignor to Union Carbide & Carbon Research Labs. Inc. Welding rod. 1,898,908; Feb. 21.
- Southgate, George T., Forest Hills, N. Y., assignor to Union Carbide & Carbon Research Laboratories, Inc. Welding electrode. 1,898,909; Feb. 21.
- Southwark Foundry & Machine Company. (See Dinzi, Richard W., assignor.)
- Southwark Foundry & Machine Company. (See Stringfellow, Henry A., assignor.)
- Southwell, Bailey, Johannesburg, Transvaal, Union of South Africa. Recording and reproducing sound by the use of cinema film. 1,910,369; May 23.
- Southwell, Raymond J., New Rochelle, and T. H. Wickwire, jr., assignors to Welded Fabrics Corporation, New York, N. Y. Fabric making. 1,922,270; Aug. 15.
- Southwell, Raymond J., and T. H. Wickwire, jr., assignors to Welded Fabrics Corporation, New York, N. Y. Apparatus for formation and welding of crossed wire products. 1,922,271; Aug. 15.
- South West Box Company, et al. (See Petersen, Karl W., assignor.)
- South West Box Company, et al. (See Shofer, Marc R., assignor.)
- South West Box Company et al. (See Shofer, Marc R., assignor.)
- Southwest Pump Company. (See Risser, Ross E., assignor.)
- Southwick, Charles A., jr., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Receptacle and closure therefor. 1,896,144; Feb. 7.
- Southwick, Clyde E., Alhambra, Calif. Engine. 1,909,729; May 16.
- Southwick, William S., assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Fabric welding machine. 1,901,477; Mar. 14.
- Southworth Company. (See Brown, Howard, assignor.)
- Soutier, Alfred, Quincy, Mass. Propeller. 1,899,646; Feb. 28.
- Sovarkin, Edward J., assignor to J. Sklar Manufacturing Company, Brooklyn, N. Y. Suction apparatus. 1,912,665; June 6.
- Soverhill, Harvey A., Moline, assignor to Thermal Unit Company, Chicago, Ill. Temperature controlling device. 1,911,403; May 30.
- Sovik, John, Youngstown, Ohio. Child's sleigh. 1,909,233; May 16.
- Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
- Spaan, Henri J., Surabaya, Java, Dutch East Indies. Apparatus for manufacturing ice in plates. 1,921,549; Aug. 8.
- Spaeth, Charles, Flushing, N. Y. Electrical discharge device. 1,908,649; May 9.
- Spaeth, Charles, Flushing, N. Y., assignor to Ne-Arge Corporation, Jersey City, N. J. Electrical discharge device. 1,908,647; May 9.
- Spaeth, Charles, Flushing, N. Y., assignor to Ne-Arge Corporation, Jersey City, N. J. Electrical discharge device. 1,908,648; May 9.
- Spaeth, Charles, Flushing, N. Y., assignor to Ne-Arge Corporation, Jersey City, N. J. Electrical discharge device. 1,908,650; May 9.
- Spaeth, Charles, Cleveland, Ohio. Hose nozzle. 1,910,070; May 23.
- Spaeth, Charles, Cleveland, Ohio. Dispensing apparatus. 1,910,071; May 23.
- Spaeth, Charles, Cleveland, Ohio. Measuring dispensing apparatus. 1,929,291; Oct. 3.
- Spaeth, Charles, Cleveland, Ohio. Dispensing apparatus. 1,940,064; Dec. 19.
- Spaeth, Charles P., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of absorbent material. 1,920,438; Aug. 1.
- Spaeth, Charles P., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive coating material. 1,932,050; Oct. 24.
- Spaeth, Charles P., Chester, N. J. and Leroy V. Clark, Alton, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making absorbent materials and compounds made therefrom. 1,923,848; Aug. 22.
- Spaeth, Charles, and H. Peary, Chicago, Ill., assignors, by mesne assignments, to Old Colony Trust Company. Rectifying means. 1,941,421; Dec. 26.
- Spafford, Allen L., assignor to Wood Conversion Company, Cloquet, Minn. Insulation slab. 1,927,879; Sept. 26.
- Spagnola, Endimo and V., assignors of one-third to Joseph N. Barnett, Amsterdam, N. Y. Guard and guard key for carpet looms. 1,912,501; June 6.
- Spagnola, Vincent. (See Spagnola, Endimo and V.)
- Spahn, Charles A., Newark, N. J., assignor to The J. M. New Company, Hartford, Conn. Soldering kit receptacle. 1,934,014; Nov. 7.
- Spahn, Emil. (See Frölich, H., and Spahn.)
- Spahr, Otto, Philadelphia, Pa. Container. 1,935,192; Nov. 14.
- Spain, Charles W., Hartford, Conn. Paper dispensing receptacle. 1,901,006; Mar. 14.
- Spaink, Johann H. A., assignor to Chance Brothers and Co. Limited, West Smethwick, England. Automatic electric current generating apparatus. 1,903,712; Apr. 11.
- Spalding, A. G., & Bros. (See Mullins, Robert T., assignor.)
- Spalding, A. G., & Bros. (See Pierce, Howard M., assignor.)
- Spalding, A. G., & Bros. (See Reach, Milton B., assignor.)
- Spalding, A. G., & Bros. (See Reach, William F., assignor.)
- Spalding, A. G., & Bros. (See Savaria, Oswald A., assignor.)
- Spalding, Charles W., administrator. (See Brown, John S.)
- Spalding, James E., Collinsville, Ill. Apparatus for forming ice cubes. 1,896,756; Feb. 7.
- Spalding, John D. (See Young, F. J., and Spalding.)
- Spalding, John D., Los Angeles, Calif., assignor to The National Supply Company, Toledo, Ohio. Water cooled brake rim for draw works. 1,918,501; July 18.
- Spalding, John D., Crafton, Pa., assignor to The National Supply Company, Toledo, Ohio. Brake band adjusting mechanism. 1,939,601; Dec. 12.
- Spalding, William L., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of hydrogen. 1,935,675; Nov. 21.
- Spampinato, Anthony M., assignor of one-half to W. J. Buford, Houston, Tex. Illuminated reflector. 1,897,231; Feb. 14.
- Spanel, Abraham N., R. D. Weston, and W. Bitner, assignors to International Latex Corporation, Rochester, N. Y. Method and apparatus for making dipped rubber articles. 1,933,397; Oct. 31.
- Spang, Chalfant & Co. (See Burnish, Howard J., assignor.)
- Spang, Chalfant & Co. Inc. (See Eaton, George M., assignor.)
- Spang, Chalfant & Co. (See Eaton, G. M., and Burnish, assignors.)
- Spang, Ferdinand J., Butler, Pa. Manufacture of weldless elevator links. 1,908,072; May 9.
- Spang, Joseph P., Quincy, Mass. Meat-cubing machine. 1,907,602; May 9.
- Spang, Joseph P., Quincy, Mass. Meat-cubing machine. 1,919,964; July 25.
- Spang, Joseph P., Quincy, Mass. Portable refreshment booth. 1,928,508; Sept. 26.
- Spang, Joseph P., Quincy, Mass. Meat-cubing machine. 1,938,197; Dec. 5.
- Spangler, Charles H., assignor to Metropolitan Edison Company, Reading, Pa. Prong-type holder for safety testing devices. 1,896,598; Feb. 7.
- Spangler, James A., Kenosha, Wis., assignor of one-half to H. F. Freeman and D. H. Sweet, constituting the Firm of Freeman & Sweet, Chicago, Ill. Mechanic's hand tool. 1,927,618; Sept. 19.
- Spangler, Samuel F. (See Hechenbleikner, I., and Spangler.)
- Spangler, Samuel F. (See Titlestad, N., and Spangler.)
- Spangler, Samuel F., Philadelphia, Pa., assignor to Chemical Construction Corporation, Charlotte, N. C. Nitric acid concentration. 1,895,012; Jan. 24.
- Spannagel, Hans, Leverkusen-on-the-Rhine, and E. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation and purification of ortho, meta and para xylene. 1,940,065; Dec. 19.
- Spanne, Henning. (See Ell, Bernhard S. F.)
- Spanner, Hans J. (See Meyer, F., and Spanner.)
- Spanner, Hans J. (See Meyer, F., Spanner, and Germer.)
- Spanner, Hans J., Berlin, Germany, and Ulrich Doering, New York, N. Y., assignors to Electrons, Inc. Rectifying tube. 1,903,144; Mar. 28.
- Spanner, Hans J., Berlin, Germany, and Ulrich Doering, New York, N. Y., assignors to Electrons, Inc. Rectifying tube. 1,903,145; Mar. 28.
- Spanner, Hans J., Berlin, Germany, and U. Doering, New York, N. Y., assignors, by mesne assignments, to said H. J. Spanner, Lighting device. 1,925,648; Sept. 5.
- Spanner, Hans J., and C. J. R. H. von Wedel, Berlin, Germany, assignors, by mesne assignments, to Electrons, Inc. Amphoteric compounds. 1,934,830; Nov. 14.

- Spano, Romualdo, Utica, N. Y. Curtain drying frame. 1,899,831; Feb. 28.
- Spanyol, Leo H., Mount Vernon, N. Y. Condenser tube. 1,937,600; Dec. 5.
- Sparacino, Joseph A., Staten Island, N. Y. Compressor. 1,931,833; Oct. 24.
- Sparano, Gennaro, Philadelphia, Pa. Rumble seat top. 1,896,980; Feb. 7.
- Spare, Alexander T. (See Solomon, Raymond J., assignor.)
- Sparkes, Harry P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Synchronous motor. 1,892,856; Jan. 3.
- Sparkes, Harry P., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Synchronizing equipment. 1,936,774; Nov. 28.
- Sparklin, Charles H., Topeka, Kans. Condensation meter. 1,896,429; Feb. 7.
- Sparks, David E., Chicago, Ill. Tube tester. 1,918,495; July 18.
- Sparks, Stanley W., Brooklyn, N. Y., assignor to C. H. Bickell, trustee. Method of and apparatus for making extruded seamless metal shapes. 1,902,975; Mar. 28.
- Sparks, Stanley W., New York, N. Y., assignor to C. H. Bickell, trustee. Apparatus for developing dies for die-rolling operations. 1,912,599; June 6.
- Sparks, Stanley W., New York, N. Y., assignor to C. H. Bickell, trustee. Making rolled steel valve bodies. 1,921,589; Aug. 8.
- Sparks, Stanley W., Norwalk, Conn., assignor to C. H. Bickell, trustee. Valve. 1,921,846; Aug. 8.
- Sparks, Stanley W., Norwalk, Conn., assignor to C. H. Bickell, trustee, representing the Metals Research Syndicate, New York, N. Y. Method of and apparatus for extruding tubular metal shapes. 1,924,522; Aug. 29.
- Sparks, William & Matilda, Foundation, Inc. (See Sargent, Donald E., assignor.)
- Sparks-Withington Company, The. (See Kayko, Charles J., assignor.)
- Sparks-Withington Co., The. (See Scofield, Theodore J., assignor.)
- Sparks-Withington Company, The. (See Scofield, T. J., Johnson, and Billig, assignors.)
- Sparks-Withington Company, The. (See Winchell, Arthur B., assignor.)
- Sparlow, John J., Swyersville, Pa. Toy. 1,911,723; May 30.
- Sparrow, Joseph C., Cleveland, Ohio. Odorless garbage device. 1,928,914; Oct. 3.
- Sparrow, Stanwood W., assignor to The Studebaker Corporation, South Bend, Ind. Bearing. 1,921,044; Aug. 8.
- Sparta Foundry Company. (See Deutsch, Fritz, assignor.)
- Spase, Charles B., Syracuse, N. Y., assignor to I. Saks, Cleveland, Ohio. Clutch plate. 1,929,716; Oct. 10.
- Spatta, George. (See Mogford, E. C., and Spatta.)
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Slotting tubes. 1,895,589; Jan. 31.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Throat forming machine and method. 1,912,600; June 6.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Die. 1,923,334; Aug. 22.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Spreading a slotted tube. 1,925,850; Sept. 5.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Making axle casings. 1,926,353; Sept. 12.
- Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Heating forgings. 1,926,354; Sept. 12.
- Spaulding, A. G., & Bros. (See Saunders, Addison T., assignor.)
- Spaulding, Franklin, Chicago, Ill. Buttonhole working attachment for sewing machines. 1,893,912; Jan. 10.
- Spaulding, Morrill B., Wayne, Pa. Process and apparatus for extracting juice from sugar cane. 1,911,246; May 30.
- Spaulding, Perry E. (See Riddel, Sherrod, assignor.)
- Spaunburg, Harvey L., Bristol, Conn., assignor to Veeder-Root Incorporated. Hinge. 1,939,728; Dec. 19.
- Spayd, George W. (See Berger, E. J., Matthews, and Spayd.)
- Spayd, Rufus L., Jr., North Glenside, Pa. Caster socket. 1,915,203; June 20.
- Speaker, John W., assignor to American Gas Machine Co., Inc., Albert Lea, Minn. Electric cooking stove. 1,936,215; Nov. 21.
- Spealman, Lawrence G. (See Aldeborgh, E. H., Ritchey, Spealman, and Ruf.)
- Spear, Charles M., New Carlisle, Ind. Brake. 1,917,999; July 11.
- Spear, Ellwood B., Pittsburgh, and R. L. Moore, Dormont, assignors to Thermatomic Carbon Company, Pittsburgh, Pa. Manufacture of carbon black. 1,911,003; May 23.
- Spear, Jay P., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Container. 1,922,605; Aug. 15.
- Spear, Lawrence Y., H. E. Grieshaber, and E. Nibbs, New London, assignors to Electric Boat Company, Groton, Conn. Submarine propulsion. 1,920,280; Aug. 1.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burner. 1,906,343; May 2.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Ignition means for oil burners. 1,920,115; July 25.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fuel feed control for oil burners. 1,921,105; Aug. 8.
- Spear, Leolyn F., Westfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Automatic draft regulator. 1,929,758; Oct. 10.
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Clock. 1,900,311; Mar. 7.
- Spear, Walter A., assignor, by mesne assignments, to Victor Electric Products, Inc., Cincinnati, Ohio. Synchronous motor clock. 1,921,847; Aug. 8.
- Spear, Walter A., assignor, by mesne assignments, to Victor Electric Products, Inc., Cincinnati, Ohio. Synchronous motor clock. 1,930,288; Oct. 10.
- Spear, Walter A., assignor, by mesne assignments, to Victor Electric Products, Inc., Cincinnati, Ohio. Synchronous motor clock. 1,930,289; Oct. 10.
- Spears, William H. D., Walnut Creek, Calif. Valve. 1,917,816; July 11.
- Speas Mfg. Co. (See Rooker, W. A., and Speas, assignors.)
- Speas, Victor E. (See Rooker, W. A., and Speas.)
- Specht, Franz. (See Teichmann, L., and Specht.)
- Special Equipment Company. (See Ray, Dean G., assignor.)
- Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
- Specialty Insulation Manufacturing Company. (See Bateholts, Clinton, assignor.)
- Specialty Insulation Manufacturing Company. (See Willey, Llewellyn M., assignor.)
- Specialty Products Co. (See Anderson, Alfred G., assignor.)
- Specialty Sales Corporation, Limited. (See Hansen, Charles C., assignor.)
- Speck, Walter, Haledon, N. J., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric. Des. 90,390; July 25.
- Speck, Walter, Haledon, N. J., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,426; Aug. 1.
- Speck, Walter, Haledon, N. J., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,460; Aug. 8.
- Speck, William C., and E. Barker, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Apparatus for breaking gates from castings. 1,929,264; Oct. 3.
- Specketer, Heinrich, Frankfort-on-the-Main-Griesheim, and J. Söll, Frankfort-on-the-Main-Schwanheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing double compounds of aluminum fluoride-alkali-fluoride. 1,898,506; Feb. 21.
- Specketer, Heinrich, F. Rossteutscher, and K. Rosenberger, Griesham-on-the-Main, assignors to the Firm I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of alumina. 1,931,515; Oct. 24.
- Spector, Benjamin, assignor to Gropper Sport Apparel Co., Inc., New York, N. Y. Yarn carrier for knitting machines. 1,893,808; Jan. 10.
- Speedamat Manufacturing Company. (See Gollwitzer, Walter T., assignor.)
- Speed-Up Geometry Ruler Co. (See Dixon, Edna L., assignor.)
- Speer, Alexander S., Buffalo, N. Y., assignor to Certain-teed Products Corporation. Roofing. 1,915,905; June 27.
- Speer, James A., Wichita, Kans. Piston. 1,896,124; Feb. 7.
- Speer, Reid C. (See Kirkwood, Harry R., assignor.)
- Speidel, Albert C. R. (See Carlson, Edwin G., assignor.)
- Speidel, Albert E. R. (See Johnson, Sylvester A., assignor.)
- Speidel, Albert E. R., Edgewood, R. I., assignor to Speidel Corporation. Aviator's emblem or similar article. Des. 89,319; Feb. 21.
- Speidel, Albert E. R., Edgewood, R. I., assignor to Speidel Corporation. Bracelet. Des. 89,801; May 2.
- Speidel Brothers. (See Carlson, Edwin G., assignor.)
- Speidel Chain Co. (See Carlson, Edwin G., assignor.)
- Speidel Chain Company. (See Fassnacht, K., and Mueller, assignors.)
- Speidel Corporation. (See Speidel, Albert E. R., assignor.)
- Speidel, Edwin F. M. (See Augenstein, Karl C., assignor.)
- Speir, Charles H., Fort Wingate, N. Mex. Nursing bottle. 1,938,052; Dec. 5.
- Spelmeyer, Erwin F., East Orange, N. J. Composition for preventing boiler priming or frothing. 1,892,857; Jan. 8.
- Spence, Christopher, Jersey City, N. J. Battery post terminal connector. 1,925,507; Sept. 5.
- Spence, David, Forest Hills, assignor to Intercontinental Rubber Company, New York, N. Y. Rubber. 1,918,671; July 18.
- Spence, Fred. (See Parker, T. R. G., Spence, and White.)
- Spence, Fred. Sale, assignor to Linotype and Machinery Limited, London, England. Mechanism for inking the printing surfaces of rotary intaglio printing machines. 1,911,247; May 30.

- Spence, Fred, Sale, assignor to Linotype and Machinery Limited, London, England. Inking mechanism of printing machines. 1,927,759; Sept. 19.
- Spence, Howard. (See Bailey, F. W., Crundall, and Spence.)
- Spence, Hubert L. (See Schmidt, E. H., and Spence.)
- Spence, Hubert L., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler yoke. 1,921,011; Aug. 8.
- Spence, Hubert L., East Cleveland, and H. A. Schwartz, Cleveland Heights, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Differential graphitization of cast articles. 1,925,116; Sept. 5.
- Spence, John L., jr., assignor, by mesne assignments, to Remac Patents Corporation, New York, N. Y. Magazine for moving-picture cameras. 1,926,703; Sept. 12.
- Spence, John L., jr., assignor, by mesne assignments, to Remac Patents Corporation, New York, N. Y. Film feed for moving picture cameras. 1,940,232; Dec. 19.
- Spence, Paulsen, Orange, N. J. Valve. 1,903,248; Mar. 28.
- Spence, Paulsen, Orange, N. J. Regulating valve. 1,906,651; May 2.
- Spence, Paulsen, East Orange, N. J. Automatic pressure reducing valve. 1,906,652; May 2.
- Spence, Peter, & Sons, Limited. (See Bailey, F. W., Crundall and Spence, assignors.)
- Spence, Peter, & Sons, Limited. (See Craig, Thomas J. L., assignor.)
- Spence, Rose M., Buffalo, N. Y. Garment cover. 1,893,968; Jan. 10.
- Spencer, Charles H., jr., Springfield, Mass. Telephone stand. 1,937,673; Dec. 5.
- Spencer, Douglas A., assignor to Colour Photographs (British & Foreign) Limited, London, England. Printing processes employed in color photography. 1,915,873; June 27.
- Spencer, Douglas A., H. D. Murray, and L. W. Oliver, London, England, assignors of one-half to said Spencer and said Murray, and one-half to J. E. Thornton, Jersey, British Isles. Colored gelatine relief image. 1,939,026; Dec. 12.
- Spencer, George M., Chicago, Ill. Fluid cleaner. 1,899,993; Mar. 7.
- Spencer, George P., New York, N. Y. Treating coal and coke. 1,916,539; July 4.
- Spencer, Gerald G. (See Mott, C., and Spencer.)
- Spencer, Harold F. (See Haines, Stacey A., assignor.)
- Spencer, Herbert R., Erie, Pa., assignor to Porcelain Tile Corporation. Metal tile wall structure. 1,918,228; July 11.
- Spencer, Hugh M., assignor to The Upson Company, Lockport, N. Y. Building material and making the same. 1,896,689; Feb. 7.
- Spencer, Hugh M., assignor to The Upson Company, Lockport, N. Y. Cellular composition and making the same. 1,936,887; Nov. 28.
- Spencer, John, assignor of one-half to O. Ambler, Chicago, Ill. Combination brush and shoehorn. Des. 89,802; May 2.
- Spencer, John A., South Hadley Falls, Mass. Dandy roll construction. 1,906,234; May 2.
- Spencer, John A., South Hadley Falls, Mass. Dandy roll construction. 1,933,154; Oct. 31.
- Spencer, John A., Newton, assignor to The Spencer Thermostat Company, Cambridge, Mass. Snap acting device. 1,895,590; Jan. 31.
- Spencer, John A., assignor to Raytheon Production Corporation, Newton, Mass. Stem and making same. 1,896,599; Feb. 7.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Snap acting device. 1,895,591; Jan. 31.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Snap acting device. 1,895,592; Jan. 31.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostatic heater. 1,912,921; June 6.
- Spencer, John A., Newtonville, assignor to Spencer Thermostat Company, Cambridge, Mass. Temperature controlled apparatus. 1,916,498; July 4.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Switch. 1,939,285; Dec. 12.
- Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Switch. 1,939,286; Dec. 12.
- Spencer Lens Company. (See Ott, Harvey N., assignor.)
- Spencer, Owen H., Indianapolis, Ind. Engine charger. 1,896,256; Feb. 7.
- Spencer, Owen H., Indianapolis, Ind. Cooling means for engine structure and cylinder heads therefor. 1,896,257; Feb. 7.
- Spencer, Owen H., Indianapolis, Ind. Cylinder port control. 1,901,198; Mar. 14.
- Spencer, Owen H., Indianapolis, Ind. Air control for engines. 1,925,851; Sept. 5.
- Spencer, Percival H., Hempstead, N. Y. Toy aircraft. 1,907,887; May 9.
- Spencer, Percy L., Medford, Mass., assignor, by mesne assignments, to Old Colony Trust Company, trustee. Gaseous discharge device. 1,906,119; Apr. 25.
- Spencer, Percy L., Medford, assignor to Raytheon Inc., Cambridge, Mass. Evacuation system. 1,906,653; May 2.
- Spencer, Percy L., Medford, assignor to Raytheon, Inc., Cambridge, Mass. Gaseous conduction apparatus. 1,931,299; Oct. 17.
- Spencer, Percy L., West Newton, assignor to Raytheon, Inc., Cambridge, Mass. Thermionic vapor discharge device. 1,923,335; Aug. 22.
- Spencer, Raymond E., et al. (See Esterling, William M., assignor.)
- Spencer Thermostat Company. (See Marshall, Laurence K., assignor.)
- Spencer Thermostat Company. (See Maurer, Rufus H., assignor.)
- Spencer Thermostat Company, The. (See Spencer, John A., assignor.)
- Spencer Turbine Company, The. (See Paine, Wilbur V., assignor.)
- Spencer, Wesley D., et al. (See Gousett, Robert R., assignor.)
- Spencer, William H., New York, assignor to The Frink Corporation, Long Island City, N. Y. Sign and method for making it. 1,899,533; Feb. 28.
- Spengler Loomis Manufacturing Co. (See Ness, Joseph, assignor.)
- Spenny, Ira L., Versailles, Ohio. Fishing reel. 1,939,148; Dec. 12.
- Sperazz, Charles M., assignor of one-half to J. P. McKinley, Buffalo, N. Y. Can delivery mechanism. 1,916,445; July 4.
- Sperbeck, Henry V., Ann Arbor, Mich. Automatic photo-printing apparatus. 1,929,105; Oct. 3.
- Sperber, Raymond L., Cheviot, Ohio, assignor to Wells & Richardson Company, Inc., Burlington, Vt. Color meter. 1,902,672; Mar. 21.
- Sperduti, Anthony, Philadelphia, Pa. Lock. 1,913,859; June 13.
- Sperlich, Herman A., and J. H. Uhlig, Highland Park, Mich. Control for ironing machines. 1,918,502; July 18.
- Sperling, Frank M., assignor of forty per cent to Thomas Rozakis, Bristol, Pa. Typewriter attachment. 1,919,399; July 25.
- Sperling, Oscar, assignor of twenty-five percent to F. A. Carter and twenty-five percent to J. A. Saunders, Washington, D. C. Aerating stirrer. 1,925,777; Sept. 5.
- Speroulas, John, et al. (See Davison, Goliat, assignor.)
- Sperr, Frederick W., jr., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Apparatus for dehydrating gas. 1,905,068; Apr. 25.
- Sperr, Frederick W., jr., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Revivifying fouled gas purifying material. 1,920,603; Aug. 1.
- Sperr, Frederick W., jr., assignor to The Koppers Company, Pittsburgh, Pa. Coke treatment. 1,928,214; Sept. 26.
- Sperr, Frederick W., jr., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Gas purification process. 1,928,509; Sept. 26.
- Sperr, Frederick W., jr., Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Production of pure ammonia. 1,928,510; Sept. 26.
- Sperr, Frederick W., jr., Phoenix, Ariz., assignor to The Koppers Company of Delaware. Treatment of fuel gas. 1,924,813; Aug. 29.
- Sperr, Frederick W., jr., Ventnor, N. J., assignor to The Koppers Company of Delaware. Ammonia recovery. 1,936,864; Nov. 28.
- Sperr, Frederick W., jr., and J. A. Shaw, Pittsburgh, Pa., assignors to The Koppers Company of Delaware. Treatment of liquids containing tar acids. 1,920,604; Aug. 1.
- Sperry Development Company. (See Sperry, Elmer A., assignor.)
- Sperry, Elmer A., Brooklyn, N. Y., assignor to Sperry Development Company, Dover, Del. Variable pitch propeller. 1,907,014; May 2.
- Sperry, Elmer A., jr., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope for borehole testers and other uses. 1,924,816; Aug. 29.
- Sperry, Elmer A., jr., Brooklyn, N. Y., and B. A. Wittkhus, Chatham, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional radio steering device. 1,896,805; Feb. 7.
- Sperry, Elmer A., jr., Brooklyn, N. Y., and F. S. Hodgman, Glen Rock, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering for dirigible craft. 1,911,168; May 23.
- Sperry, Elmer A., jr., Brooklyn, N. Y., and L. F. Carter, Leonia, N. J.; said Sperry, jr., assignor to Sperry Gyroscope Company, Inc., and said Carter assignor, by mesne assignments, to Sperry Products Inc., Brooklyn, N. Y. Gyro vertical. 1,934,774; Nov. 14.
- Sperry, Frank E., Batavia, assignor to Mechanical Devices Company, Bloomington, Ill. Rotary pump. 1,896,033; Jan. 31.
- Sperry Gyroscope Company. (See Bassett, Preston R., assignor.)
- Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
- Sperry Gyroscope Company. (See Brewerton, Arthur E., assignor.)
- Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
- Sperry Gyroscope Company. (See Chantemerle, Joseph L., assignor.)
- Sperry Gyroscope Company. (See Hodgkinson, Francis P., assignor.)

- Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
- Sperry Gyroscope Company. (See Howell, Edward D., assignor.)
- Sperry Gyroscope Company. (See Rawlings, Arthur L., assignor.)
- Sperry Gyroscope Company. (See Sperry, Elmer A., jr., assignor.)
- Sperry Gyroscope Company. (See Sperry, E. A., jr., assignor, and Carter.)
- Sperry Gyroscope Company. (See Wittkuhns, Bruno A., assignor.)
- Sperry Gyroscope Company. (See Wittkuhns, B. A., and Watkins, assignors.)
- Sperry Gyroscope Company, Inc. (See Narvesen, F. C., and Carlson, assignors.)
- Sperry Gyroscope Company, Inc. (See Sperry, E. A., jr., and Hodgman, assignors.)
- Sperry Gyroscope Company, Inc. (See Sperry, E. A., jr., and Wittkuhns, assignors.)
- Sperry, Herbert B., Batavia, Ill. Filing cabinet. 1,898,223; Feb. 21.
- Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
- Sperry Products, Inc. (See Drake, H. C., and Braddon, assignors.)
- Sperry Products, Inc. (See Jones, George L., assignor.)
- Sperry Products, Inc. (See Perry, Walter M., assignor.)
- Sperry Products, Inc. (See Perry, W. M., and Jones, assignors.)
- Sperry Products Inc. (See Sperry, E. A., and Carter, assignors.)
- Sperry, Richard A., et al. (See Berryman, Grover C., assignor.)
- Sperry, Richard A. (See McLaine, William L., assignor.)
- Sperry, Samuel E., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Line delivery mechanism for typographical machines. 1,911,478; May 30.
- Sperry, Samuel E., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Automatic ejector selecting mechanism for typographical machines. 1,918,000; July 11.
- Sperry, Samuel E., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Line casting machine. 1,927,760; Sept. 19.
- Sperry, Samuel E., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Matrix assembler. 1,932,366; Oct. 24.
- Sperry-Sun Well Surveying Company. (See Kothay, Gott-dank L., assignor.)
- Sperry-Sun Well Surveying Company. (See Williston, Samuel H., assignor.)
- Sperry-Sun Well Surveying Company. (See Williston, S. H., and Nichols, assignors.)
- Sperry, William E., San Diego, Calif. Bicycle transmission. 1,938,157; Dec. 5.
- Spart, George, Covington, Ky., assignor to Spart Lamp Corporation, New York, N. Y. Lamp. 1,910,778; May 23.
- Spart Lamp Corporation. (See Spart, George, assignor.)
- Spicer Airflater, Inc. (See Spicer, Delphin H., assignor.)
- Spicer, Clarence W., Plainfield, and G. L. Tarbox, North Plainfield, N. J. Casing for universal joints. 1,902,976; Mar. 28.
- Spicer, Clarence W., and G. L. Tarbox, Toledo, Ohio. Casing for universal joints. 1,907,127; May 2.
- Spicer, Delphin H., Lakewood, assignor to Spicer Air-flater, Inc., Cleveland, Ohio. Spark plug pump. 1,911,097; May 23.
- Spicer Manufacturing Corporation. (See Padgett, Joseph E., assignor.)
- Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)
- Spicer, Sterling L., and H. S. Bovaird, Toronto, Ontario, Canada. Arch support. 1,928,634; Oct. 3.
- Spicers Limited. (See Baker, Thomas T., assignor.)
- Spicers Limited. (See Barnes, Edward J., assignor.)
- Spicers Limited. (See Wickham, Alfred R., assignor.)
- Spielauer, Engelbert, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,941,232; Dec. 26.
- Spies, George, Oak Creek, Wis. Ironing board. 1,895,558; Jan. 31.
- Spies, Francis J. (See Bowersock, W. E., and Spies.)
- Spies, Georg, Leipzig, Germany. Cross folding machine. 1,898,794; Feb. 21.
- Spies, Georg, Leipzig, Germany. Stop-cylinder printing machine. 1,907,452; May 9.
- Spies, Georg, Leipzig, Germany. Feeding sheets to machines. 1,910,506; May 23.
- Spieth, Karl A., Kearney, Nebr. Tractor guide. 1,916,341; July 4.
- Spieth, William C., Geneva, Ohio. Arc lamp. 1,906,491; May 2.
- Spitschka, Walther. (See Schmidt, M. P., Krieger, and Spitschka.)
- Spikerman, Frank T., Akron, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Sand aerator. 1,907,888; May 9.
- Spilker, Adolf, Duisburg-Meiderich, Germany. Hydrogenation of hydrocarbons. 1,898,966; Feb. 21.
- Spilker, Adolf, and C. Zerbe, assignors to Gesellschaft für Teerverwertung, m. b. H., Duisburg-Meiderich, Germany. Hydrogenating organic substances. 1,898,965; Feb. 21.
- Spikerman, Frank T., Akron, and E. F. Oyster, Cleveland Heights, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Foundry equipment. 1,929,538; Oct. 10.
- Spikes, Richard B., San Francisco, Calif. Transmission and shifting means therefor. 1,936,996; Nov. 28.
- Spill, Charles J. (See Lewis, A. J., Richardson, and Spill.)
- Spill, Charles J. (See Lewis, A. J., Richardson, Spill, and Haven.)
- Spiller, Clare D., Philadelphia, Pa. Closure for collapsible tubes. 1,917,670; July 11.
- Spinasse, Arthur E., Mount Vernon, Ohio. Apparatus and method for drawing glass. 1,925,414; Sept. 5.
- Spindler, Edward H., et al., trustees. (See Connell, Sidney S., assignor.)
- Spindler, Gustav, San Francisco, Calif. Microscope light. Des. 90,513; Aug. 15.
- Spindler, Paul, Hilden, assignor to the Firm Sondermann U. Co., Summersbach, Germany. Treating banks or cheeses of yarns with liquids. 1,906,492; May 2.
- Spindler, William H., et al., trustee. (See Connell, Sidney, assignor.)
- Spindt, Alvin E., Chelan County, Wash. Combined orchard spraying and sprinkling system. 1,895,739; Jan. 31.
- Spinetta, Dominique, Paris, assignor to Preparation Industrielle des Combustibles (Societe Anonyme), Nogent-sur-Marne, France. Automatic brake for windlasses. 1,941,158; Dec. 26.
- Spink, Leland K., Tulsa, Okla., assignor to The Foxboro Company, Foxboro, Mass. Measuring the flow of fluid. 1,913,860; June 13.
- Spiral-Rolled Products Company. (See Lapham, Marshall, assignor.)
- Spiral-Rolled Products Company. (See Williams, Frank H., assignor.)
- Spirella, Company Incorporated, The. (See Grinager, H. N., Ongley, and Nassoio, assignors.)
- Spiridi, Michael D., New York, N. Y. Solid tire compressed air wheel. 1,909,907; May 16.
- Spiro Ball Bearing Company Limited, The. (See Bambridge, William G., assignor.)
- Spiro, Harry, San Francisco, Calif. Temperature actuated circuit closing device. 1,938,119; Dec. 5.
- Spiselman, Joseph W. (See Spiselman, Solomon and J. W.)
- Spiselman, Solomon and J. W., Brooklyn, N. Y. Lighter. 1,932,193; Oct. 24.
- Spittle, Henry M. (See Clark, L. M., and Spittle.)
- Spitz, Karl, Vienna, Austria. Turn-up-table. 1,917,336; July 11.
- Spitzglass, Jacob M., assignor to Republic Flow Meters Company, Chicago, Ill. Pressure-measuring instrument. 1,930,113; Oct. 10.
- Spivey, Claud E., and J. C. Roden, Scottsboro, Ala. Sewing machine. 1,898,855; Feb. 21.
- Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,936,773; Nov. 28.
- Spittstoser, E. V., et al. (See Laub, John G., assignor.)
- Spohn, Arthur J., Merced, Calif. Trailer tracking device. 1,938,120; Dec. 5.
- Spohn, John H., jr., assignor to Chemical Development Co., Ltd., San Francisco, Calif. Multi-ply paper. 1,915,626; June 27.
- Spohr, Carl W., Chicago, assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., trustees. Strainer plug and constructing the same. 1,909,022; May 16.
- Spohr, John A. (See Skeel, L., and Spohr.)
- Sponable, Earl L., assignor to Fox Case Corporation, New York, N. Y. Film splicing machine. 1,896,871; Feb. 7.
- Sponable, Earl L., assignor to Fox Case Corporation, New York, N. Y. Apparatus for printing from a negative sound record to a positive. 1,900,853; Mar. 7.
- Sponsel, Charles W. (See Crosby, R. S., and Sponsel.)
- Spoor, Ivan H., La Grange, assignor to The Gerrard Company, Inc., Chicago, Ill. Loading of sewer pipe, building tile, etc., for railway shipment. 1,903,341; Apr. 18.
- Spoor, Ivan H., Berwyn, and R. F. Le Tourneau, assignors to The Gerrard Company, Inc., Chicago, Ill. Wire reel. 1,908,073; May 9.
- Spore, Leland P., et al. (See Seitz, Wilford, assignor.)
- Sporn, Philip. (See Freitag, Henry D., assignor.)
- Sporn, Philip, New York, N. Y. Transformer regulating system. 1,892,752; Jan. 3.
- Sporn, Philip, and E. L. Peterson, Brooklyn, N. Y. Transmission line insulator system. 1,937,296; Nov. 28.
- Spotts, Ralph K., Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corporation. Conversion of sound into electrical impulses. 1,899,994; Mar. 7.
- Spotts, Ralph K., Los Angeles, Calif., assignor to Radio-Keith-Orpheum Corporation. Microphone windshield. 1,901,065; Mar. 14.
- Spowart, John B., Newark, N. J., assignor to American Telephone and Telegraph Company. Reel. 1,929,568; Oct. 10.
- Spowart, John B., Newark, N. J., assignor to American Telephone and Telegraph Company. Duct rodding apparatus. 1,939,796; Dec. 19.
- Sprado, Carl G., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Grinding, refining, and mixing machine. 1,902,591; Mar. 21.
- Spragins, Robert L., Aberdeen, Scotland. Smoking apparatus. 1,914,466; June 20.

- Sprague, Charles H., Des Moines, Iowa. Syringe. 1,898,856; Feb. 21.
- Sprague, Douglas, deceased, by E. G. Sprague, administratrix, Mount Vernon, N. Y. Heating and ventilating apparatus. 1,922,220; Aug. 15.
- Sprague, Edison W. (See Sprague, Joseph J. and E. W.)
- Sprague, Etta G., administratrix. (See Sprague, Douglas.)
- Sprague, Harold W., Brockton, Mass. Cutter head. 1,935,337; Nov. 14.
- Sprague, Henry H., assignor to The Sprague Meter Company, Bridgeport, Conn. Gas meter. 1,893,601; Jan. 10.
- Sprague, Henry H., assignor to The Sprague Meter Company, Bridgeport, Conn. Pressure control device for gas regulators. 1,909,730; May 16.
- Sprague, Joseph J. and E. W., assignors of ten per cent to H. B. Boyd, ten per cent to H. H. Page, ten per cent to J. D. Roper, ten per cent to V. Sheldon, and ten per cent to L. O. Depriest, Sarcoixie, Mo. Automatic safety switch. 1,913,219; June 6.
- Sprague, Lucy A., administratrix. (See Krause, Paul.)
- Sprague Meter Company, The. (See Sprague, Henry H., assignor.)
- Sprague-Sells Corporation. (See Ballard, Carol B., assignor.)
- Sprague-Sells Corporation. (See Goode, I. J., Barracough, and Schmidt, assignors.)
- Sprague Sells Corporation. (See Kingsbury, William A., assignor.)
- Sprague-Sells Corporation. (See Lewis, Harold R., assignor.)
- Sprague-Sells Corporation. (See Schmidt, John, assignor.)
- Sprague-Sells Corporation. (See Sells, O. S., and Wheeler, assignors.)
- Sprague Specialties Company. (See McNamara, Frederick W., assignor.)
- Sprague Specialties Co. (See Pineo, Orrin W., assignor.)
- Sprague Specialties Co. (See Robinson, Preston, assignor.)
- Sprague Specialties Co. (See Robinson, P., and Collins, assignors.)
- Sprague Specialties Co. (See Shugg, C., and Robinson, assignors.)
- Sprague, Warner & Company. (See Klapper, Benjamin A., assignor.)
- Sprague, Warren & Company. (See Hause, D. B., and Williams, assignors.)
- Sprague, William E., et al. (See Krause, Paul, assignor.)
- Sprake, Edmund T., assignor of one-fourth to J. Dougherty, Plymouth, and one-fourth to L. Lowe and one-fourth to O. E. Matter, Kingstons, Pa. Automatic latching device. 1,916,816; July 4.
- Spranger, Ernest E., New York, N. Y. Timepiece. 1,925,288; Sept. 5.
- Spranger, Ernest E., New York, N. Y. Time-piece. 1,932,754; Oct. 31.
- Spratt, George W., and J. F. Cullen, Eau Claire, Wis. Doorstop. 1,935,252; Nov. 14.
- Spray, Lester E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,919,810; July 25.
- Sprecker, Alfred L., Jersey City, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Self-regulating clock system. 1,930,256; Oct. 10.
- Sreen, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Evaporator for refrigerators. 1,893,341; Jan. 3.
- Sreen, Maxwell H., assignor to Kelvinator Corporation, Detroit, Mich. Control mechanism for mechanical refrigerating apparatus. 1,919,078; July 13.
- Sprent, William C. (See Bennett, N., Dodd, Sprent, and Holt.)
- Spring, Alva F., Cleveland Heights, assignor to The Lake Erie Chemical Company, Cleveland, Ohio. Firing device. 1,894,203; Jan. 10.
- Spring, Fred L. V., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Pump-type oiler. 1,916,394; July 4.
- Spring, George L., assignor to Kelvinator Corporation, Detroit, Mich. Cooling unit. 1,893,378; Jan. 3.
- Spring, Joseph J., Berlin, assignor to The Goss and Deleuw Machine Company, New Britain, Conn. Radial spindle chucking machine. 1,933,500; Oct. 31.
- Spring, Otto. (See Isham, R. M., and Spring.)
- Spring, Otto. (See Merley, S. R., and Spring.)
- Spring, Otto, Okmulgee, Okla., assignor to Doherty Research Company, New York, N. Y. Making organic esters. 1,924,575; Aug. 29.
- Spring Packing Corporation. (See Herr, J. D., and Rowe, assignors.)
- Spring, Walter M., Springvale, assignor to Sanford Mills, Sanford, Maine. Drawing frame draft roll spring tension adjustment. 1,923,593; Aug. 22.
- Spring, Walter M., Springvale, assignor to Sanford Mills, Sanford, Maine. Machine for uniting strips of floor covering, or the like, to present a seamless upper surface. 1,924,523; Aug. 29.
- Spring, Walter M., Springvale, assignor to Sanford Mills, Sanford, Maine. Spinning frame. 1,928,679; Oct. 3.
- Spring, William A., Thompsonville, Conn., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 89,926; May 16.
- Springer, Peter P., Rock Island, Ill. Combined kitchen table and folding ironing board. 1,926,411; Sept. 12.
- Springfield Facing Company. (See Beckman, Harold E., assignor.)
- Springfield Metallic Casket Company, The. (See Hiser, Charles H., assignor.)
- Springfield Metallic Casket Company, The. (See Powell, J. W., and Burkhardt, assignors.)
- Springthorpe, Alec, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 90,785; Sept. 26.
- Springthorpe, Alec, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 90,786; Sept. 26.
- Springthorpe, Alec, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 90,787; Sept. 26.
- Springthorpe, Alec, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. Des. 90,788; Sept. 26.
- Springvale Wood Working Co., Inc. (See Morin, Henry I., assignor.)
- Sprinkle, Charles L. (See Hall, Hugh M., assignor.)
- Sprong, Severn D. (See Thomson, F. B., and Sprong.)
- Sprong, Severn D., Brooklyn, assignor to Engineering Products Corporation, Inc., New York, N. Y. Insulator. 1,915,338; June 27.
- Spröngerts, Eduard. (See Schmidt, M. P., Krieger, and Spöngerts.)
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,894,716; Jan. 17.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,894,717; Jan. 17.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,897,738; Feb. 14.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Draft gear. 1,914,051; June 13.
- Sproul, Donald F., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Draft gear. 1,921,045; Aug. 8.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Draft gear. 1,921,046; Aug. 8.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,923,894; Aug. 22.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,924,814; Aug. 29.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,930,695; Oct. 17.
- Sproul, Donald F., Chicago, Ill., assignor to Cardwell Westinghouse Company. Cushioning device. 1,933,034; Oct. 31.
- Spro, William S. (See Hacks, K., and Spro.)
- Spruegel, Walter. (See Hardman, F. J., and Spruegel.)
- Spruill, Wallace L., Inglewood, Calif. Card holder. 1,932,123; Oct. 24.
- Spuhr, Max, Essen-Werden, and H. Hannes, Wuppertal-Ronsdorf, Germany. Manufacture of edge-lining strips. 1,935,526; Nov. 14.
- Sprung, Abraham, New York, N. Y. Adjustable street sign. 1,912,549; June 6.
- Spurgeon, Samuel J. (See Lemmon, G. N., and Spurgeon.)
- Spurgeon, Samuel J., H. H. Knowles, and G. N. Lemmon; said Knowles and said Lemmon assignors to Southern States Equipment Company, Birmingham, Ala. Circuit breaker. 1,909,234; May 16.
- Spurgeon, Samuel J., Birmingham, Ala., assignor to General Electric Company. Oil blast circuit breaker. 1,934,454; Nov. 7.
- Spurgeon, Samuel J., Birmingham, Ala. Electrical protective apparatus. 1,939,371; Dec. 12.
- Spurr, Vernon M., Broadalbin, N. Y. Book-end. 1,912,229; May 30.
- Square D Company. (See Eckenrode, R. R., and Bogardus, assignors.)
- Square D Company. (See Jackson, John G., assignor.)
- Square D Company. (See Jackson, J. G., and Allen, assignors.)
- Square D Company. (See Jackson, J. G., and Kingdom, assignors.)
- Square D Company. (See Kauffman, Thomas J., assignor.)
- Square D Company. (See Nogosek, Stephen J., assignor.)
- Square D Company. (See Van Valkenburg, Hermon L., assignor.)
- Square D Company. (See Van Valkenburg, H. L., and Hofem, assignors.)
- Square D Company. (See Van Valkenburg, H. L., and McNicol, assignors.)
- Square D Company. (See Widmer, Jules A., assignor.)
- Squibb, E. R., & Sons. (See Black, Archie, assignor.)
- Squibb, E. R. & Sons. (See Christiansen, W. G., and Chappell, assignors.)
- Squibb, E. R. & Sons. (See Christiansen, W. G., and Harris, assignors.)
- Squibb, E. R., & Sons. (See Christiansen, W. G., and Lott, assignors.)
- Squibb, E. R., & Sons. (See Christiansen W. G., and Jones, assignors.)

- Squibb, E. R., & Sons. (See Christiansen, W. G., Jones, and Moness, assignors.)
- Squibb, E. R., & Sons. (See Christiansen, W. G., and Jurist, assignors.)
- Squibb, E. R., & Sons. (See Harris, S. E., and Christiansen, assignors.)
- Squibb, E. R., & Sons. (See Harvey, Adelbert W., assignor.)
- Squibb, E. R., & Sons. (See Holaday, H. A., and Black, assignors.)
- Squibb, E. R., & Sons. (See Jones, W. S., and Braker assignors.)
- Squibb, E. R. & Sons. (See Morrell, Joseph A., assignor.)
- Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)
- Squibb, E. R., & Sons. (See Nitardy, F. W., Berg, and Georgi, assignors.)
- Squibb, E. R. & Sons. (See Nitardy, F. W., Enright, and Wrenn, assignors.)
- Squibb, Lloyd Y., Camden, N. J., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical measuring apparatus. 1,935,732. Nov. 21.
- Squicciarini, Arcangelo M., Brooklyn, N. Y. Decorative device. 1,912,315; May 30.
- Squire, Edmund M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communicating system. 1,909,843; May 16.
- Squires, Arthur C. (See Bigger, A. F., and Squires.)
- Squires, Dann C., et al. (See Prescott, Ford L., assignor.)
- Squires, John, Hagerstown, Md. Propeller. 1,897,536; Feb. 14.
- Squires, John, Hagerstown, Md. Airplane construction. 1,907,454; May 9.
- Squires, John, Hagerstown, Md. Working metal tubes. 1,908,074; May 9.
- Squires, John, Hagerstown, Md. Propeller. 1,913,733; June 13.
- Squires, John, Hagerstown, Md. Propeller. 1,914,346; June 13.
- Squires, John, Hagerstown, Md. Method of and apparatus for making propeller blades. 1,915,699; June 27.
- Squires, John, Detroit, Mich. Propeller. 1,922,179; Aug. 15.
- Squires, John, Hagerstown, Md. Ash tray. 1,922,180; Aug. 15.
- Squires, John, Hagerstown, Md. Airplane. 1,922,825; Aug. 15.
- Squires, John, Hagerstown, Md. Making propeller blades. 1,925,844; Sept. 5.
- Squires, John, Hagerstown, Md. Making propeller blades. 1,927,247; Sept. 19.
- Squires, John, Hagerstown, Md. Propeller. 1,940,333; Dec. 19.
- Squires, Wilbur N., assignor to Hydraulic Deep Well Pump Company, Joplin, Mo. Deep well oil pump. 1,937,725; Dec. 5.
- Staaf, Hannah, administratrix. (See Staaf, Werner I., sr.)
- Staaf, Werner I., sr., deceased, assignor of fifty-one one-hundredths to W. W. Martin, Pittsburgh, Pa.; H. Staaf, administratrix. Rotary internal combustion engine. 1,897,962; Feb. 14.
- Staats, Franklin E., Peoria, Ill., assignor of one-half to J. Soat. Hydraulic brake. 1,912,953; June 6.
- Staats, Franz, Weidenau-on-the-Sieg, Germany. Tilttable fountain bottle. 1,906,493; May 2.
- Stabilovolt, N. V. (See Körös, Ladislaus, assignor.)
- Stäblein, Wilhelm, assignor to Allgemeine Elektricitäts Gesellschaft, Friedrich Karl, Berlin, Germany. Control means. 1,897,739; Feb. 14.
- Stabler, Reuben A., Endicott, N. Y. Hinge. 1,893,252; Jan. 3.
- Stacey, Alfred E., jr., Essex Fells, L. L. Lewis, Plainfield, and M. S. Smith, Maplewood, assignor to Carrier Engineering Corporation, Newark, N. J. Sound absorbing means. 1,916,908; July 4.
- Stacey, Carmen M., Toledo, Ohio. Combination tumbler holder and ash tray. Des. 90,689; Sept. 12.
- Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on tennis shoes. 1,903,849; Apr. 18.
- Stacey, George A., Phoebus, assignor of one-half to C. C. Curtis, Hampton, Va. Boiler. 1,933,229; Oct. 31.
- Stacey, John E., Saugus, assignor to Otis Clapp & Son, Inc., Boston, Mass. Antiseptic preparation. 1,924,169; Aug. 29.
- Stack, George F., Washington, D. C. Watch holder. 1,936,100; Nov. 21.
- Stack, Samuel, New York, N. Y. Metal awning. 1,893,659; Jan. 10.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structures. 1,897,402; Feb. 14.
- Stackhouse, George A., Oakland, Calif., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Wall bed. 1,926,502; Sept. 12.
- Stacy, Leland J., Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,917,859; July 11.
- Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Valve device. 1,901,131; Mar. 14.
- Stadler, Robert. (See Eisenhut, O., Stadler, and Baumann.)
- Stadlman, Roger W., Los Angeles, Calif. Lubricator. 1,911,855; May 30.
- Staeger, Stephen A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Taking up slack. 1,905,250; Apr. 25.
- Staegemann, Eugene, Allendale, N. J., assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 1,914,333; June 13.
- Staelin, Gustav. (See Arledter, Fritz, assignor.)
- Staf, Axel H., assignor to Gorham Mfg. Co., Providence, R. I. Spoon or similar article. Des. 90,461; Aug. 8.
- Stafak, John, Aberdeen, Wash. Electric switch for automobile signal switches. 1,931,775; Oct. 24.
- Staff, William A., Chicago, Ill. Adjustable pencil holder. 1,931,138; Oct. 17.
- Staffaroni, Lally. (See Farrell, M. J., and Staffaroni.)
- Stafford Electric Gauge Corporation. (See Stafford, George A. and R. M., assignors.)
- Stafford Electric Gauge Corporation. (See Stafford, Roy M., assignor.)
- Stafford, George A., Sour Lake, and R. M. Stafford, Beaumont, Tex., assignors to Stafford Electric Gauge Corporation. Ratchet motor. 1,926,316; Sept. 12.
- Stafford, John C., Maryville, Tenn. Automatic gear shift. 1,909,191; May 16.
- Stafford, Roy M. (See Stafford, George A. and R. M.)
- Stafford, Roy M., Beaumont, Tex., assignor to Stafford Electric Gauge Corporation. Circuit breaker. 1,919,385; July 25.
- Stafford, Stephen B. (See McNicol, Alexander and A., Gill, and Stafford.)
- Stafford, Stephen F., Cambridge, Mass. Control device. 1,933,877; Nov. 7.
- Stafford, William L., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making permeable ceramic products. 1,934,383; Nov. 7.
- Stafinsky, Louis, Brooklyn, N. Y. Sanitary mattress. 1,939,324; Dec. 12.
- Stafney, Edwin D., Batavia, Ill. Milk cooling apparatus. 1,937,797; Dec. 5.
- Stage, Darrell L., Palo Alto, Calif. Airplane. 1,895,140; Jan. 24.
- Stagl, Joseph E., Brooklyn, N. Y. Rubber cushion arch protector. 1,915,627; June 27.
- Stahel, Walter, Baden, Switzerland. Multiple push-button switch. 1,931,711; Oct. 24.
- Stahl, Erich. (See von Girsewald, Conway B., and Stahl.)
- Stahl, Frank E., assignor to The Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Antiskid tire chain. 1,894,914; Jan. 17.
- Stahl, Frank E., assignor to Chisholm-Moore Hoist Corporation, Tonawanda, N. Y. Hoist. 1,913,861; June 13.
- Stahl, Rodolphe. (See Wagner, G. R., and Stahl.)
- Stahl, Rodolphe, Detroit, Mich. Brake. 1,917,671; July 11.
- Stahle, Erik G., Lumberport, W. Va., assignor to Clarence P. Byrnes, trustee. Capping glass cylinder. 1,892,814; Jan. 3.
- Stahlecker, Wilhelm, Cannstatt, assignor to Vereinigte Kugellagerfabriken Aktiengesellschaft, Schweinfurt, Germany. Plug-and-socket-connection. 1,923,123; Aug. 22.
- Stahlknecht, Detmar Fr., Pittsburgh, Pa. Ventilator lantern. 1,934,998; Nov. 14.
- Stahlwerke Rochling-Buderus A. G. (See Kropf, Alfred, assignor.)
- Stahn, Albert, and B. Berghaus, Hanover, assignor to Albertuswerke Gesellschaft mit beschränkter Haftung, Hanover-Hainholz, Germany. Mold and core making. 1,923,237; Aug. 22.
- Staub, Ludwig A., jr. (See Hickman, K. C. D., and Staub.)
- Staiger, Allen B., Atlantic City, N. J. Web pasting device. 1,923,339; Aug. 22.
- Stainfield, Harry M., Cleveland, Ohio. Machine for broaching. 1,932,425; Oct. 31.
- Stainfield, Harry M., Cleveland, Ohio. Machine for broaching. 1,933,080; Oct. 31.
- Stainhofer, Dickson, Lewistown, Mont. Ventilator cap. 1,920,918; Aug. 1.
- Stainless Steel Corporation. (See Crolus, F. J., and Stuler, assignors.)
- Stair, Ray L., Los Angeles, Calif. Soap dish. 1,905,069; Apr. 25.
- Stalder, Lydia, New York, N. Y. Ornamentation. 1,908,075; May 9.
- Staley, Alonzo D., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Unloading apron and drain trough for washers. 1,903,321; Apr. 4.
- Staley, Harrison L., Martinsville, Ind. Aerating device. 1,920,220; Aug. 1.
- Staley, Harrison L., Martinsville, Ind. Megaphone. 1,941,233; Dec. 26.
- Staley, John J., Brereton, near Ruseley, England. Prop for mines and means for withdrawing the same. 1,895,053; Jan. 24.
- Staley, Joseph H. (See Davis, Dean W., assignor.)
- Staley, Joseph H., Columbus, Ind. Gas filling and sealing of tubes. 1,895,177; Jan. 24.
- Staley, Joseph H., Columbus, Ind. Mercury switch. 1,906,118; Apr. 25.
- Staley, Joseph H., Columbus, Ind. Fluid type circuit maker and breaker. 1,940,028; Dec. 19.

- Staley, Karl A., Scarsdale, assignor to Gillinder Brothers, Inc., Port Jervis, N. Y. Glass globe. Des. 89,927; May 16.
- Staley, Miles E., assignor to Red Spot Electric Co. Inc., Tacoma, Wash. Thermostatic electric switch. 1,892,858; Jan. 3.
- Staley, Wayne D., assignor, by mesne assignments, to Parr Instrument Company, Moline, Ill. Turbidimeter. 1,922,830; Aug. 15.
- Stalhane, Otto, Stockholm, Sweden. Cement or materials containing cement. 1,900,670; Mar. 7.
- Stalker, Edward A., Ann Arbor, Mich. Energizing the boundary layer on aircraft parts. 1,913,644; June 13.
- Stall, William H., Dundalk, Md. Hearth tool. 1,912,316; May 30.
- Stallard, Burrell, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant temperature apparatus. 1,921,432; Aug. 8.
- Stallard, Calvin B. (See Greear, Everett B., assignor.)
- Stallmann, Otto. (See Gubelmann, I., Weiland, and Stallmann.)
- Stallmann, Otto. (See Howell, E. T., and Stallmann, assignors.)
- Stalzer, Franz, and V. Koenig, Brooklyn, N. Y. Vehicle control. 1,927,960; Sept. 26.
- Stampe, Gerhard K. E. H., Lubeck, Germany, assignor to B. Drager, Brasov, Rumania. Purifying device for air and gas and producing the same. 1,937,446; Nov. 28.
- Stampfi, Leopold R., and S. Chiritescu, Crescent Mills, assignors of one-third to Harry C. Dunlap, Stockton, Calif. Drill puller. 1,937,171; Nov. 28.
- Stampfi, Otto, Zug, Switzerland. Multiple tool head for drilling, boring, and like machine tools. 1,924,383; Aug. 29.
- Stamsvik, Alfred L., Grove City, Pa. Heat exchange apparatus. 1,916,395; July 4.
- Stamsvik, Alfred L., Grove City, Pa., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Fuel controlling mechanism for internal combustion engines. 1,898,602; Feb. 21.
- Stamsvik, Alfred L., Cleveland, Ohio, assignor of one-sixth to Homer E. McMillen, Grove City, Pa. Heat exchange device. 1,918,434; July 18.
- Stanawitz, Alexander V., Perth Amboy, N. J. Clothespin box. 1,896,430; Feb. 7.
- Standiff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 1,920,164; July 25.
- Standage, Charles A. G., London, England. Flexible shaft coupling for the transmission of power. 1,893,452; Jan. 3.
- Standal, Bernhard, and J. K. Langseth, Spokane, Wash. Envelope. 1,932,536; Oct. 31.
- Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
- Standard Alcohol Company. (See Brooks, B. T., and Cardarelli, assignors.)
- Standard Asbestos Manufacturing and Insulating Co. (See Ryder, W. E., and Reber.)
- Standard Brands Incorporated. (See Dittmann, Henry W., assignor.)
- Standard Brands Incorporated. (See Frey, Charles N., assignor.)
- Standard Brands Incorporated. (See Frey, C. N. and Light.)
- Standard Brands, Incorporated. (See Gore, H. C., and Frey, assignors.)
- Standard Brands Incorporated. (See Harrison, Arthur P., assignor.)
- Standard Brands Incorporated. (See Jacobsen, Jens P., assignor.)
- Standard Brands Incorporated. (See Koepke, Henry G., assignor.)
- Standard Brands Incorporated. (See Light, R. F., and Frey, assignors.)
- Standard Brands Incorporated. (See Meyer, Ejnar A., assignor.)
- Standard Brands Incorporated. (See Patitz, G. J., and Bunge, assignors.)
- Standard Brands, Incorporated. (See Schultz, A., and Frey, assignors.)
- Standard Brands Incorporated. (See Shaver, A., and Frey, assignors.)
- Standard Brands Incorporated. (See Wachman, J., and Sippel, assignors.)
- Standard Cap & Seal Corporation. (See Tevander, Olof N., assignor.)
- Standard Car Truck Company. (See Webb, Edwin W., assignor.)
- Standard Cement Construction Company. (See Walker, John D., assignor.)
- Standard Conveyor Company. (See Caesar, J., and Eggleston, assignors.)
- Standard Conveyor Company. (See Donaldson, William T., assignor.)
- Standard Conveyor Company. (See Eggleston, Smith, assignor.)
- Standard Conveyor Company. (See Wego, Peter C., assignor.)
- Standard Electric Time Company, The. (See Harter, George F., assignor.)
- Standard Electric Time Company, The. (See Kenerson, Stanley M., assignor.)
- Standard Engineering Works, The. (See Mills, B. M., and Crossley, assignors.)
- Standard Envelope Manufacturing Company, The. (See Nelson, Robert A., assignor.)
- Standard Envelope Manufacturing Company, The. (See Pearce, Lewis C., assignor.)
- Standard Forgings Company. (See Swanson, Clarence S., assignor.)
- Standard Gage Company. (See Aldeborgh, Erik H., assignor.)
- Standard Gage Company, Inc. (See Aldeborgh, E. H., Ritchey, Speelman, and Ruf., assignors.)
- Standard Gage Company. (See Aldeborgh, E. H. and Ruf., assignors.)
- Standard Gas Equipment Corporation. (See Geddes, Norman B., assignor.)
- Standard Gas Equipment Corporation. (See O'Dowd, Henry W., assignor.)
- Standard-I. G. Company. (See Asbury, Willard C., assignor.)
- Standard-I. G. Company. (See Boyer, Marion, assignor.)
- Standard-I. G. Company. (See Clark, Edgar M., assignor.)
- Standard-I. G. Company. (See Dunkel, M., and Dorner, assignors.)
- Standard-I. G. Company. (See Fisher, Harold W., assignor.)
- Standard-I. G. Company. (See Gohr, Edwin J., assignor.)
- Standard-I. G. Company. (See Haslam, Robert T., assignor.)
- Standard-I. G. Company. (See Jennings, James M., assignor.)
- Standard I. G. Company. (See Krauch, C., and Pier, assignors.)
- Standard I-G., Company. (See Krauch, C., Pier & Simon, assignors.)
- Standard-I. G. Company. (See Mueller-Cunradi, M., and Werner, assignors.)
- Standard-I. G. Company. (See Peck, Edward B., assignor.)
- Standard-I. G. Company. (See Pier, Mathias, assignor.)
- Standard-I. G. Company. (See Pier, Mathias, and Wissel, assignor.)
- Standard-I. G. Company. (See Pier, M., Anthes, and Eisenhut, assignors.)
- Standard-I. G. Company. (See Pier, M., Anthes, and Winkler, assignors.)
- Standard-I. G. Company. (See Pier, M., and Christmann, assignors.)
- Standard-I. G. Company. (See Pier, M., and Donath, assignors.)
- Standard-I. G. Company. (See Pier, M., and Ringer, assignors.)
- Standard-I. G. Company. (See Pier, M., and Rumpf, assignors.)
- Standard-I. G. Company. (See Pier, M., Ringer, and Simon, assignors.)
- Standard-I. G. Company. (See Pier, M., and Simon, assignors.)
- Standard-I. G. Company. (See Pier, M., Wildhagen, and Schunck, assignors.)
- Standard-I. G. Company. (See Pier, M., and Winkler, assignors.)
- Standard-I. G. Company. (See Pier, M., Winkler, and Michael, assignors.)
- Standard-I. G. Company. (See Pier, M., Winkler, and Simon, assignors.)
- Standard-I. G. Company. (See Ralston, A. W., and Wright, assignors.)
- Standard-I. G. Company. (See Russell, Robert P., assignor.)
- Standard-I. G. Company. (See Semmes, Harry H., assignor.)
- Standard-I. G. Company. (See Watts, Rhea N., assignor.)
- Standard-I. G. Company. (See Wright, Clarence A., assignor.)
- Standard-Johnson Company. (See Donnellan, Edward P., assignor.)
- Standard-Knapp Corporation. (See Braren, Cornelius T., assignor.)
- Standard-Knapp Corporation of New York. (See Braren, Cornelius T., assignor.)
- Standard-Knapp Corporation of New York. (See Mudd, Garrett W., assignor.)
- Standard Lock and Measure Corporation. (See Malluk, Assad M., assignor.)
- Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
- Standard Mirror Company. (See Bertell, P., and La Hodny, assignors.)
- Standard Mirror Company. (See Weir, James B., assignor.)
- Standard Mirror Company. (See Wolcott, Robeson B., assignor.)
- Standard Mirror Company Inc. (See La Hodny, William, assignor.)
- Standard Mirror Company, Inc. (See Szyminski, William, assignor.)
- Standard Motor Products, Inc. (See Yoerger, Frank, assignor.)
- Standard Novelty Works. (See Maneval, Charles H., assignor.)
- Standard Oil Company. (See Anderson, John A., assignor.)
- Standard Oil Company. (See Arveson, Maurice H., assignor.)
- Standard Oil Company. (See Atwell, Harold V., assignor.)

- Standard Oil Company. (See Bachelder, W. H., and Brummer, assignors.)
- Standard Oil Company. (See Bahlke, William H., assignor.)
- Standard Oil Company. (See Bales, James E., assignor.)
- Standard Oil Company. (See Brewster, O. C., and Perry, assignors.)
- Standard Oil Company, The. (See Burk, Robert E., assignor.)
- Standard Oil Company, The. (See Burk, R. E., and McConnell, assignors.)
- Standard Oil Company. (See Cash, Gentry, assignor.)
- Standard Oil Company. (See Cleveland, Clarence R., assignor.)
- Standard Oil Company. (See Earnheart, P., and Smith, assignors.)
- Standard Oil Company. (See Erickson, Cyril L., assignor.)
- Standard Oil Company. (See Excell, Stuart W., assignor.)
- Standard Oil Company. (See Johnson, Everett A., assignor.)
- Standard Oil Company. (See Kochan, Joseph, assignor.)
- Standard Oil Company. (See Krauel, P. L., and Watts, assignors.)
- Standard Oil Company, The. (See Lankelma, Herman P., assignor.)
- Standard Oil Company. (See Lee, Frank G., assignor.)
- Standard Oil Company. (See MacLaren, Frederick H., assignor.)
- Standard Oil Company. (See MacLaren, F. H., and Rogers, assignors.)
- Standard Oil Company. (See Miller, Clarke C., assignor.)
- Standard Oil Company. (See Morris, Fearing H., assignor.)
- Standard Oil Company. (See Payne, Elmer H., assignor.)
- Standard Oil Company. (See Plummer, William B., assignor.)
- Standard Oil Company. (See Roberts, Joseph K., assignor.)
- Standard Oil Company. (See Ruthruff, Robert F., assignor.)
- Standard Oil Company. (See Schnetzler, Harry G., assignor.)
- Standard Oil Company. (See Schroeder, Carl J., assignor.)
- Standard Oil Company. (See Shaeffer, E. J., Watts, Brown, and Wilson, assignors.)
- Standard Oil Company. (See Snow, Harold R., assignor.)
- Standard Oil Company. (See Snow, H. R., and Sullivan, assignors.)
- Standard Oil Company. (See Sullivan, Frederick W., assignor.)
- Standard Oil Company. (See Sullivan, Frederick W., jr., assignor.)
- Standard Oil Company. (See Sullivan, F. W., jr., and Adams, assignors.)
- Standard Oil Company. (See Sullivan, F. W., jr., and Brown, assignors.)
- Standard Oil Company. (See Sullivan, F. W., jr., and Diwok, assignors.)
- Standard Oil Company. (See Sullivan, F. W., and Voorhees, assignors.)
- Standard Oil Company. (See Taylor, Kenneth, assignor.)
- Standard Oil Company. (See Thiele, Ernest W., assignor.)
- Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company. (See Warwick, William E., assignor.)
- Standard Oil Company. (See Wilkin, Robert E., assignor.)
- Standard Oil Company. (See Wilson, Robert E., assignor.)
- Standard Oil Company of California. (See Belcher, A. N., and Nutt, assignors.)
- Standard Oil Company of California. (See Cavins, Omar A., assignor.)
- Standard Oil Company of California. (See Cushman, Orville E., assignor.)
- Standard Oil Company of California. (See Danner, Philip S., assignor.)
- Standard Oil Company of California. (See Forster, Percy M., assignor.)
- Standard Oil Company of California. (See Halloran, R. A., and Chappell, assignors.)
- Standard Oil Company of California. (See Halloran, R. A., Kremser, and Hutchinson, assignors.)
- Standard Oil Company of California. (See Hampton, Frederick G., assignor.)
- Standard Oil Company of California. (See Herrick, Henry N., assignor.)
- Standard Oil Company of California. (See Johnson, John F., assignor.)
- Standard Oil Company of California. (See Kremser, Alois, assignor.)
- Standard Oil Company of California. (See Kuhl, J., and Shiffer, assignors.)
- Standard Oil Company of California. (See McClanahan, Ellis J., assignor.)
- Standard Oil Company of California. (See McEachern, Joseph H., assignor.)
- Standard Oil Company of California. (See McLaughlin, W. I., and Wedemeyer, assignors.)
- Standard Oil Company of California. (See Muth, John E., assignor.)
- Standard Oil Company of California. (See Putnam, Joseph F., assignor.)
- Standard Oil Company of California. (See Silcox, Donald E., assignor.)
- Standard Oil Company of California. (See Thompson, Erskine D., assignor.)
- Standard Oil Company of California. (See Webster, Hugh B., assignor.)
- Standard Oil Company of California. (See Woollen, Albert E., assignor.)
- Standard Oil Company of California. (See Zeltfuchs, E. H., and Herrick, assignors.)
- Standard Oil Company (Indiana). (See Atwell, Harold V., assignor.)
- Standard Oil Company (Indiana). (See Farrar, Milton D., assignor.)
- Standard Oil Company of Indiana. (See Gorsuch, E. H., and Kinney, assignors.)
- Standard Oil Company (Indiana). (See Hackett, George V., assignor.)
- Standard Oil Company (Ind.). (See McClaughry, R. S., and Moore, assignors.)
- Standard Oil Company (Indiana). (See McNeill, Claude P., assignor.)
- Standard Oil Company (Indiana). (See Montgomery, S. A., and Hubbard, assignors.)
- Standard Oil Company (Indiana). (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company (Indiana). (See Wilson, Robert E., assignor.)
- Standard Oil Development Company. (See Asbury, Willard C., assignor.)
- Standard Oil Development Company. (See Bayne, Charles D., assignor.)
- Standard Oil Development Company. (See Beiswenger, Gustav A., assignor.)
- Standard Oil Development Company. (See Bird, John C., assignor.)
- Standard Oil Development Company. (See Blau, Ludwig W., assignor.)
- Standard Oil Development Company. (See Bolles, Seward R., assignor.)
- Standard Oil Development Company. (See Brown, D. F., and De Hoff, assignors.)
- Standard Oil Development Company. (See Buc, Hyym E., assignor.)
- Standard Oil Development Company. (See Coleman, Stewart P., assignor.)
- Standard Oil Development Company. (See Curran, Roy A., assignor.)
- Standard Oil Development Company. (See Davis, Garland H. B., assignor.)
- Standard Oil Development Company. (See Edmonds, W. J., and Dawson, assignors.)
- Standard Oil Development Company. (See Edson, Frank H., assignor.)
- Standard Oil Development Company. (See Evans, Earle W., assignor.)
- Standard Oil Development Company. (See Evans, Silas E., assignor.)
- Standard Oil Development Company. (See Ewing, C. R., and Montgomery, assignors.)
- Standard Oil Development Company. (See Flischer, H. G. M., and Gustafson, assignors.)
- Standard Oil Development Company. (See Foster, Clarence W., assignor.)
- Standard Oil Development Company. (See Franceway, James A., assignor.)
- Standard Oil Development Company. (See Freyermuth, George H., assignor.)
- Standard Oil Development Company. (See Freyermuth, G. H., and Hanks, assignors.)
- Standard Oil Development Company. (See Freyermuth, G. H., Small, and Hanks, assignors.)
- Standard Oil Development Company. (See Frolich, Per K., and Gildersleeve, assignors.)
- Standard Oil Development Company. (See Fulton, S. C., and Kalichevsky, assignors.)
- Standard Oil Development Company. (See Gomery, William L., assignor.)
- Standard Oil Development Company. (See Grant Dudley H., assignor.)
- Standard Oil Development Company. (See Hanks, W. V., and Freyermuth, assignors.)
- Standard Oil Development Company. (See Hanks, W. V., and Small, assignors.)
- Standard Oil Development Company. (See Harpster, Walter C., assignor.)
- Standard Oil Development Company. (See Harrell, Joseph W., assignor.)
- Standard Oil Development Company. (See Haslam, Robert T., assignor.)
- Standard Oil Development Company. (See Haupt, C. H., and Ely, assignors.)
- Standard Oil Development Company. (See Howard, Frank A., assignor.)
- Standard Oil Development Company. (See Jolly, E. M., and Swoope, assignors.)
- Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
- Standard Oil Development Company. (See Lassen, L., and Boehm, assignors.)
- Standard Oil Development Company. (See Lebo, Robert B., assignor.)

- Standard Oil Development Company. (See Lebo, R. B., and Fischer, assignors.)
- Standard Oil Development Company. (See Lewis, Warren K., assignor.)
- Standard Oil Development Company. (See Lieber, Eugene, assignor.)
- Standard Oil Development Company. (See Loomis, Nathaniel E., assignor.)
- Standard Oil Development Company. (See Loomis, N. E., and Tomlinson, assignors.)
- Standard Oil Development Company. (See Luster, Eric W., assignor.)
- Standard Oil Development Company. (See Mann, M. D., jr., and Archibald, assignors.)
- Standard Oil Development Company. (See Maverick, G. M., and Matheson, assignors.)
- Standard Oil Development Company. (See McGrath, William H., assignor.)
- Standard Oil Development Company. (See Moore, T. V., and Wilde, assignors.)
- Standard Oil Development Company. (See Peck, Edward B., assignor.)
- Standard Oil Development Company. (See Sankowsky, Nicholas A., assignor.)
- Standard Oil Development Company. (See Schonberg, Jackson R., assignor.)
- Standard Oil Development Company. (See Steik, Karl T., assignor.)
- Standard Oil Development Company. (See Stines, Daniel E., assignor.)
- Standard Oil Development Company. (See Stines, D. E., and Packie, assignors.)
- Standard Oil Development Company. (See Stratford, R. K., and Doohan, assignors.)
- Standard Oil Development Company. (See Truman, Orley H., assignor.)
- Standard Oil Development Company. (See Ward, Clarence A., assignor.)
- Standard Oil Development Company. (See Wells, Alfred A., assignor.)
- Standard Oil Development Company. (See White, A., and Frolich, assignors.)
- Standard Oil Development Company. (See Wilson, Amyuit L., assignor.)
- Standard Oil Development Company. (See Young, P. L., and Hanks, assignors.)
- Standard Oil Development Company. (See Young, P. L., Hanks, and Freyermuth, assignors.)
- Standard Pressed Steel Co. (See Hallowell, Howard T., assignor.)
- Standard Pressed Steel Co. (See Hallowell, H. T., and Bennett, assignors.)
- Standard Process Corporation. (See Ballard, Ernest S., assignor.)
- Standard Products Company. (See Dyer, Tom G., assignor.)
- Standard Pulp Products Co. (See Norstrand, Hans P. G., assignor.)
- Standard Radium Corporation of America. (See Tyrer, Alfred H., assignor.)
- Standard Register Company, The. (See Sherman, J. Q., and Metzner, assignors.)
- Standard Sanitary Manufacturing Company. (See Reed, Henry M., jr., assignor.)
- Standard Sanitary Manufacturing Company. (See Woolfolk, Arthur P., assignor.)
- Standard School Fixtures Company. (See Reinhard, George F., assignor.)
- Standard Screw Company. (See Corlett, Webster D., assignor.)
- Standard Stations, Inc. (See Aldrich, Ralph N., assignor.)
- Standard Stations, Inc. (See Van Evert, Charles A., assignor.)
- Standard Steel and Bearings Incorporated. (See Hodge, George O., assignor.)
- Standard Steel Sections, Inc. (See Hirschhorn, Harold L., assignor.)
- Standard Steel Specialty Company. (See Vandevort, Harry L., assignor.)
- Standard Steel Spring Company. (See Figgie, Harry E., assignor.)
- Standard Steel Works. (See Gredell, Otto N., assignor.)
- Standard Steel Works. (See Preston, E., and Gredell, assignors.)
- Standard Stoker Company, The. (See Anderson, Howard P., assignor.)
- Standard Stoker Company, The. (See Harrison, Benjamin F., assignor.)
- Standard Stoker Company, The. (See Hunt, Andrew M., assignor.)
- Standard Stoker Company. (See Ketchpel, Paul A., assignor.)
- Standard Stoker Company, The. (See Lower, Nathan M., assignor.)
- Standard Stoker Company, The. (See Lower, N. M., Kusebauch, and Chalker, assignors.)
- Standard Stoker Company, The. (See Myers, John W., assignor.)
- Standard Stoker Company, The. (See Pickard, Frank C., assignor.)
- Standard Stoker Company, The. (See Pickard, F. C., and Anderson, assignors.)
- Standard Stoker Company, The. (See Ryan, Edward, assignor.)
- Standard Stoker Company, The. (See Roesch, Frank P., assignor.)
- Standard Stoker Company. (See Surdykowski, Charles J., assignor.)
- Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
- Standard Stoker Company. (See Turner, E. A., and Surdykowski, assignors.)
- Standard Stoker Company, The. (See Williams, David T., assignor.)
- Standard Tool Company, The. (See Bascom, Thomas D., assignor.)
- Standard-Trump Bros. Machine Company. (See Bristow, P. W., and Houseman, assignors.)
- Standard-Trump Bros. Machine Company. (See Houseman, Harold E., assignor.)
- Standard-Trump Bros. Machine Company. (See Houseman, Harold E. and W. L., assignors.)
- Standard. Winfield H., Matteson, assignor to Central Scientific Company, Chicago, Ill. Automatic control mechanism. 1,908,193; May 9.
- Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Elastic fluid turbine. 1,904,557; Apr. 18.
- Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Elastic fluid turbine. 1,905,760; Apr. 25.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 1,896,125; Feb. 7.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Holder for heel-portion. 1,917,337; July 11.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe support. 1,920,281; Aug. 1.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutter grinding machine. 1,936,920; Nov. 28.
- Standish, Myles, Omaha, Nebr. Truck body. 1,905,009; Apr. 25.
- Standlee, Harvey R., Tulsa, Okla., assignor to The Guiberson Corporation, Dallas, Tex. Booster for well pumps. 1,906,933; May 2.
- Standlee, Harvey R., Tulsa, Okla., assignor to The Guiberson Corporation, Dallas, Tex. Oil saver. 1,925,852; Sept. 5.
- Standlee, Harvey R., Tulsa, Okla., assignor to The Guiberson Corporation, Dallas, Tex. Oil saver. 1,925,853; Sept. 5.
- Stanley, Albert H., J. Edge, and E. T. Street, assignors to Downingtown Manufacturing Company, Downingtown, Pa. Primary press section for paper machines. 1,925,972; Sept. 5.
- Stanfield, Harry V., Greensburg, Pa. Automatic sugar dispenser. 1,922,785; Aug. 15.
- Stanford, Leland H. (See Corbett, S. M., and Stanford.)
- Stanford Products, Ltd. (See Brower, William M., assignor.)
- Stange, Wm. J., Co. (See Jones, C. H., and Kretlow, assignors.)
- Stanger, Eddy A. K., Marysville, Ohio. Combination luggage carrier. 1,925,613; Sept. 5.
- Stanger, William D., Seaside Park, N. J., assignor to National Metal Edge Box Company, Philadelphia, Pa., a copartnership composed of E. Wolf, A. Wolf, H. Wolf, and E. Wolf. Metal box staying strip. 1,918,992; July 18.
- Staniewicz, Willy, assignor to Automobilwerke H. Büssing, Aktiengesellschaft, Brunswick, Germany. Motor vehicle. 1,900,773; Mar. 7.
- Stanitz, Jacques, assignor to The Youngstown Pressed Steel Company, Warren, Ohio. Making sinks, wash basins, and the like. 1,916,910; July 4.
- Stanitz, Jacques, and G. D. Boyer, assignors to The Youngstown Pressed Steel Company, Warren, Ohio. Corrugating apparatus. 1,919,869; July 25.
- Stanley, Carroll M., Piedmont, assignor to Oliver United Filters Inc., San Francisco, Calif. Flexible connection. 1,923,124; Aug. 22.
- Stanley, Clifford E. (See Watts, E., and Stanley.)
- Stanley, Edgar C., Glen Cove, N. Y., assignor, by mesne assignments, to Motor and Plane Accessories, Inc., Detroit, Mich. Oiling system for motor cars. 1,902,592; Mar. 21.
- Stanley, Fred D., assignor to The Oil Country Specialties Mfg. Co., Coffeyville, Kans. Driving mechanism. 1,901,270; Mar. 14.
- Stanley, George E., Coventry, assignor to Roper & Wrecks Limited, Sheffield, England. Disk clutch. 1,926,922; Sept. 12.
- Stanley, George E., Coventry, assignor to Small & Parkes Limited, Manchester, England. Plate clutch. 1,927,995; Sept. 26.
- Stanley, Harold H. V., Hayes, and G. F. Clark, West Drayton, England. Free-wheel coupling. 1,900,957; Mar. 14.
- Stanley, Irving, New York, and E. L. Jones, Long Island City, assignors, by mesne assignments, to American Seal-cone Corporation, New York, N. Y. Measuring and receptacle filling apparatus. 1,913,570; June 18.

- Stanley, Nathan M., Dayton, Ohio, assignor, by mesne assignments, one-half to The Univis Corporation, Wilmington, Del., and one-half to United Kingdom Optical Company, Limited, London, England. Lens. 1,899,777; Feb. 28.
- Stanley, Paul H., Glenside, assignor to Autogiro Company of America, Philadelphia, Pa. Rotary-winged aircraft. 1,901,132; Mar. 14.
- Stanley, Richard W. (See Merritt, E. H., and Stanley.)
- Stanley Works, The. (See Cook, Harris J., assignor.)
- Stanley Works, The. (See Grobstein, J. J., and Crum, assignors.)
- Stanley Works, The. (See Higbee, Earl V., assignor.)
- Stanley Works, The. (See Hobart, Louis C., assignor.)
- Stanley Works, The. (See Holloway, J. J., and Linsley, assignors.)
- Stanley Works, The. (See Ingham, Walter E., assignor.)
- Stanley Works, The. (See King, Patrick F., assignor.)
- Stanley Works, The. (See Parsons, Stuart W., assignor.)
- Stanley Works, The. (See Pelton, Ernest W., assignor.)
- Stanley Works, The. (See Raymond, H. H., assignor.)
- Stanley Works, The. (See Stowell, Austin L., assignor.)
- Stanley Works, The. (See Wahlquist, August, assignor.)
- Stannard, Bruce M., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Chair rack. 1,912,864; June 6.
- Stanolind Oil and Gas Company. (See Walz, Frank C., assignor.)
- Stansbury, Carroll. (See Crout, P., and Stansbury.)
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for dynamo-electric machines. 1,912,411; June 6.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Current regulating system. 1,926,821; Sept. 12.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Generator regulation. 1,937,921; Dec. 5.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electron tube. 1,940,029; Dec. 19.
- Stansbury, Carroll, Wauwatosa, and G. C. Brown, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Paper machine drive. 1,926,822; Sept. 12.
- Stansbury, Carroll, Wauwatosa, and G. C. Brown, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Elevator control. 1,937,798; Dec. 5.
- Stansbury, John H., assignor of one-half to R. O. Dulany, Fruitland, Md. Vegetable cutter. 1,937,850; Dec. 5.
- Stansbury, John H., assignor of one-half to R. O. Dulany, Fruitland, Md. Treating peas and beans. 1,937,851; Dec. 5.
- Stansbury, John H., assignor of one-half to R. O. Dulany, Fruitland, Md. Machine for operating upon fruits and vegetables. 1,938,613; Dec. 12.
- Stansbury, Miller, Washington, D. C. Radiocabinet. Des. 91,219; Dec. 19.
- Stansbury, Miller, Washington, D. C. Radiocabinet or the like. Des. 91,220; Dec. 19.
- Stansbury, Miller, Washington, D. C. Radiocabinet or the like. Des. 91,221; Dec. 19.
- Stansbury, William L., Mountain View, Calif. Dental crown gauge. 1,930,887; Oct. 17.
- Stansel, Thomas B. (See MacIntire, W. H., and Stansel.)
- Stansfield, Richard. (See Carpenter, R. E. H., and Stansfield.)
- Stant, Kyle E., Connersville, Ind. Radiator cap. 1,909,554; May 16.
- Stant, Kyle E., Connersville, Ind. Closure cap. 1,923,336; Aug. 22.
- Stant, Kyle E., Connersville, Ind. Closure cap. 1,923,337; Aug. 22.
- Stant, Kyle E., Connersville, Ind. Radiator cap. 1,923,338; Aug. 22.
- Stant, Kyle E., Connersville, Ind. Closure cap. 1,936,888; Nov. 28.
- Stant Manufacturing Co. (See Johnson, Glen A., assignor.)
- Stant Manufacturing Co. (See Smith, Lowell J., assignor.)
- Stanton, Arthur G., et al. (See Shaw, William N., assignor.)
- Stanton, Edward J., Brooklyn, N. Y. Reciprocating engine. 1,925,706; Sept. 5.
- Stanton, George B., Brooklyn, N. Y. Electrical current testing instrument. 1,912,800; June 6.
- Stanton Ironworks Company, The. (See Wilson, Percy H., assignor.)
- Stanton, Robert E., Denver, Colo. Dewaxing petroleum. 1,940,654; Dec. 19.
- Stanwood Corporation, The. (See Zahodiakin, Victor F., assignor.)
- Stanzel, Victor, Schulenburg, Tex. Amusement apparatus. 1,941,024; Dec. 26.
- Staples, Dana R., Wilkinsburg, and E. I. Staples, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Control system for motor-generator locomotives. 1,924,332; Aug. 29.
- Staples, Elden I. (See Staples, Dana R. and E. I.)
- Staples, Elliot M., Hohokus, N. J., assignor to American Telephone and Telegraph Company. Voice operated gain adjuster. 1,906,775; May 2.
- Staples, Horace A., Plainfield, N. J., assignor to National Electric Products Corporation, New York, N. Y. Protective coating and producing the same. 1,895,175; Jan. 24.
- Staples, John A., Plainfield, N. J., assignor to National Electric Products Corporation, New York, N. Y. Protective coating and producing the same. 1,895,176; Jan. 24.
- Staples, John W., Haverhill, and W. C. Brooks, Groveland, assignors to Pope Machinery Corporation, Haverhill, Mass. Heel-concaving machine. 1,921,641; Aug. 8.
- Staples, William H. (See Blossom, C. W., and Staples.)
- Staples, William H., assignor to The Blossom Lock Company, Cleveland, Ohio. Mechanism for locking vehicles. 1,940,979; Dec. 26.
- Stapling Machines Co. (See Babcock, Guilford C., assignor.)
- Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
- Star Company. (See Keogh, Robert, assignor.)
- Star Company. (See Sullivan, Michael J., assignor.)
- Star Drilling Machine Company, The. (See Heinisch, George, assignor.)
- Star, Richard, Brooklyn, N. Y. Tank gauge. 1,900,774; Mar. 7.
- Star, Richard, Brooklyn, N. Y. Remote control for Pitot tubes. 1,924,965; Aug. 29.
- Star Sprinkler Corporation. (See Griffith, William B., assignor.)
- Star-Brite Corporation. (See Reichhardt, Herman C., assignor.)
- Starch, Benjamin S., assignor of one-half to A. W. Zeratsky, La Crosse, Wis. Striping device. 1,904,558; Apr. 18.
- Starck Leo, Chicago, Ill., assignor to Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machine. 1,932,646; Oct. 31.
- Starck, Werner. (See Kranzlein G. Voss, and Starck.)
- Starck, Werner. (See Voss, A., Dickhäuser and Starck.)
- Starck, William A. (See Goese, A. A., and Starck.)
- Stargardt, Albert R., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Fine edged blades and making the same. 1,926,861; Sept. 12.
- Starie, George B., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive time element device. 1,919,991; July 25.
- Stark, Alexander D., Newark, N. J., assignor to Thomas W. Cohill, Brooklyn, N. Y. Elevator system. 1,939,729; Dec. 19.
- Stark Brick Company, The. (See Weis, Ross A., assignor.)
- Stark Bro's Nurseries & Orchards Company. (See Burbank, Luther, assignor.)
- Stark Bro's Nurseries & Orchards Company. (See Dickey, John H., assignor.)
- Stark, Hermann. (See Eibert, Fritz, assignor.)
- Stark, Joseph W. (See Goldsmith, B. J., and Stark.)
- Stark, Karl G., Skynnerstad, Lofta, Sweden. Plow for wetting the plowshare. 1,897,444; Feb. 14.
- Stark, Willet E., East Cleveland, assignor, by mesne assignments, to The Bryant Heater Company, Cleveland, Ohio. Humidity-control system. 1,926,462; Sept. 12.
- Starke, Alfred. (See Wietzel, G., and Starke.)
- Starke, Lewis P., Fort Collins, Colo. Automatic vending machine. 1,902,915; Mar. 28.
- Starkey, William C., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Clutch spring. 1,932,000; Oct. 24.
- Starkey, William C., assignor to L. G. S. Devices Corporation, Indianapolis, Ind. Spring clutch. 1,939,730; Dec. 19.
- Starkey, William C., and C. H. Barton, assignors to L. G. S. Devices Corporation, Indianapolis, Ind. Automobile transmission. 1,914,678; June 20.
- Starks, Wesley. (See Lee, Edward W., assignor.)
- Starks, Zeston, Malvern, Ohio. Protector for plants. 1,904,700; Apr. 18.
- Starks, Zeston, Malvern, Ohio. Container. 1,910,646; May 23.
- Starks, Zeston, Malvern, Ohio. Protector and supporter for plants. 1,916,868; July 4.
- Starkweather, Gail C. (See Haas, L. L., and Starkweather.)
- Starline, Inc. (See Ferris, Henry L., assignor.)
- Starline, Inc. (See Ferris, Howard J., assignor.)
- Starline, Inc. (See Ferris, Robert G., assignor.)
- Starner, Herbert. (See Starner, Otis H. and H. P.)
- Starner, Otis H., Carlisle, Pa., and H. P. Starner, Scarsdale, N. Y. Irrigating implement. 1,937,172; Nov. 28.
- Starnes, Cullen G. (See O'Connor, L. R., and Starnes.)
- Starr, Albert C., Nephi, Utah, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,456; May 9.
- Starr, Albert C., Nephi, Utah, assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,930,696; Oct. 17.
- Starr, Alden B., Brooklyn, N. Y., assignor to Knapp-Monarch Company. Electromagnet. 1,894,429; Jan. 17.
- Starr, Alden B., Brooklyn, N. Y., assignor to Knapp-Monarch Company. Toaster device. 1,894,430; Jan. 17.
- Starr, Arthur T., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,931,038; Oct. 17.
- Starr, Charles E., Whittier, Calif. Transmission gearing. 1,899,401; Feb. 28.
- Starr, Charles E., Omaha, Nebr. Thermal decomposition of natural gas. 1,903,247; Mar. 28.

- Starr, Charles E., Whittier, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Vehicle testing apparatus. 1,918,063; July 11.
- Starr, Charles E., Whittier, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake testing mechanism. 1,922,871; Aug. 15.
- Starr, George B., San Francisco, Calif. Projector apparatus. 1,917,611; July 11.
- Starr, Harry E. (See Gilligan, J. J., and Starr.)
- Starr, Jacob, Bronx, assignor of one-half to J. Margolin, New York, N. Y. Time controlled switch. 1,911,652; May 30.
- Starr, Morton H., Beloit, Wis. Weighing scale. 1,894,009; Jan. 10.
- Starr, Raymond H., North Kansas City, Mo. Refrigerator display counter. 1,938,985; Dec. 12.
- Starrett, Delbert. (See Hammers, B. F., Starrett, and Hammers.)
- Starrett, Henry F., Chicago, Ill. Panel-board and panel-board construction. 1,902,790; Mar. 21.
- Starrett, John S., Livingston, N. J., assignor to Radio Corporation of America. Automatic volume control with noise suppression. 1,925,825; Sept. 5.
- Starrett, L. S., Company, The. (See Christopherson, Knute, assignor.)
- Startomatic Corporation, The. (See Loehr, L. K., and Burdick, assignors.)
- Startz, Peter J., Manitowish, Wis. Oar lock. 1,893,110; Jan. 3.
- Stassart, Joseph, Berkeley, Calif., assignor of one-half to Michigan Wire Goods Company, Niles, Mich. Animal trap. 1,926,121; Sept. 12.
- Stassinis, Odysseus E., Hampton, Va. Stretcher. 1,934,567; Nov. 7.
- State Holding Co. (See Goodman, Louis, assignor.)
- State, Will C., and J. I. Haase, Akron, Ohio, assignors, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Extruding machine for plastic material. 1,934,647; Nov. 7.
- Staten Island Shipbuilding Co. (See Denslow, Albert C., assignor.)
- Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
- Statler, Herbert P., L. F. Kearney, and M. H. Baylor, Central City, Pa. Radio junction box. 1,930,865; Oct. 17.
- Stator Refrigeration, Inc. (See Comstock, Daniel F., assignor.)
- Stator Refrigeration, Inc. (See Weaver, Eastman A., assignor.)
- Stator Refrigeration, Inc. (See Whitney, Lyman F., assignor.)
- Statti, Thomas. (See Mancuso, J. M. and Statti.)
- Statton Furniture Manufacturing Company, The. (See McClure, Frances M., assignor.)
- Statz, Robert, assignor to Walker Manufacturing Company, Racine, Wis. Jack. 1,900,528; Mar. 7.
- Statz, Robert, assignor to Walker Manufacturing Company, Racine, Wis. Transmission jack. 1,909,023; May 16.
- Statz, Robert, assignor to Walker Manufacturing Company, Racine, Wis. Stop mechanism for jacks. 1,912,230; May 30.
- Statz, Robert J., assignor to Bendix-Cowdrey Brake Tester, Inc., South Bend, Ind. Burnishing mechanism. 1,913,734; June 13.
- Stauber, Georg. (See Paschen, P., Ritter, Stauber, Gebhardt, and Schmiedel.)
- Stauber, Georg, Berlin, Germany. Rotary mechanical apparatus. 1,900,620; Mar. 7.
- Stauber, Georg, Berlin, Germany. Turbine engine. 1,924,421; Aug. 29.
- Staud, Cyril J. (See Kenyon, W. O., and Staud.)
- Staud, Cyril J. (See Murray, T. F., Jr., and Staud.)
- Staud, Cyril J. (See Murray, T. F., and Staud.)
- Staud, Cyril J. (See Webber, C. S., and Staud.)
- Staud, Cyril J., and J. T. Fuess, assignors to Eastman Kodak Company, Rochester, N. Y. The hydrolysis of cellulose esters using neutral salts as inhibitors. 1,895,351; Jan. 24.
- Staud, Cyril J., and C. S. Webber, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition. 1,896,145; Feb. 7.
- Staud, Cyril J., and J. T. Fuess, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose nitro-acetate. 1,897,869; Feb. 14.
- Staud, Cyril J., and C. S. Webber, assignors to Eastman Kodak Company, Rochester, N. Y. Double alpha ketonic acid cellulose esters and making the same. 1,900,871; Mar. 7.
- Staud, Cyril J., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose acetate. 1,908,550; May 9.
- Staud, Cyril J., and T. F. Murray, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Phthalic acid esters and monoethers of hydroquinone. 1,912,734; June 6.
- Staud, Cyril J., and T. F. Murray, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Production of low viscosity cellulose derivatives. 1,917,398; July 11.
- Staud, Cyril J., Rochester, N. Y., and C. E. Waring, Dayton, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of homogeneous mixtures of cellulose nitrate and acetate. 1,917,399; July 11.
- Staud, Cyril J., and J. T. Fuess, assignors to Eastman Kodak Company, Rochester, N. Y. Nitration of cellulose with a nitrogen oxide. 1,917,400; July 11.
- Staud, Cyril J., and R. H. Van Dyke, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of acetone-soluble fibrous nitroacrylate. 1,917,401; July 11.
- Staud, Cyril J., Rochester, N. Y., and C. S. Webber, Springfield, Mass., assignors to Eastman Kodak Company, Rochester, N. Y. Sensitizing agent for photographic emulsions. 1,925,508; Sept. 5.
- Staud, Cyril J., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Packaging. 1,925,509; Sept. 5.
- Staud, Cyril J., Rochester, N. Y., and C. E. Waring, Dayton, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose nitro-acetate higher fatty acid ester. 1,933,828; Nov. 7.
- Staud, Cyril J., and J. T. Fuess, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose acyl-nitrate. 1,933,829; Nov. 7.
- Staud, Cyril J., and C. S. Webber, assignors to Eastman Kodak Company, Rochester, N. Y. Process of making cellulose acetate. 1,939,235; Dec. 12.
- Staud, Edwin G., Minneapolis, Minn. Paper box machine. 1,894,131; Jan. 10.
- Staud, Edwin G., Minneapolis, Minn. Plural control mechanism. 1,910,412; May 23.
- Staud, Edwin G., Minneapolis, Minn. Paper box machine. 1,910,413; May 23.
- Staud, Edwin G., Minneapolis, Minn. Paper box machine. 1,921,269; Aug. 8.
- Staud, Edwin G., Minneapolis, Minn. Fluid power controlling mechanism. 1,921,590; Aug. 8.
- Staud, Edwin G., Minneapolis, Minn. Adhesive applying mechanism. 1,935,731; Nov. 21.
- Staud, Josef, Gross-Schonau, Czechoslovakia, and F. A. Petzold, Herzogenrath, near Aachen, Germany. Shoe fastener. 1,934,455; Nov. 7.
- Staudt, August, Perth Amboy, N. J. Apparatus for mounting tile. 1,931,300; Oct. 17.
- Stauf, Friedrich W. (See Hageneß, H., and Stauf.)
- Stauf, Friedrich W. (See Henglein, F. A., and Stauf.)
- Stauf, Friedrich W., Cologne-Deutz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of alkali metal hydroxide liquors. 1,919,808; July 25.
- Staufert, Carl, Stuttgart-Cannstatt, Germany. Spindle fitted with roller or ball-bearings. 1,911,329; May 30.
- Staufert, Rudolf. (See Robbins, S. J., and Staufert.)
- Staufert, Rudolf, assignor to Robbins & Staufert, Inc., Chicago, Ill. Initial or ornament holder for women's hand-bags and other articles. 1,897,341; Feb. 14.
- Stauffer, Charles P., Bell, Calif. Repair clamp for pipes. 1,907,889; May 9.
- Stautenbeil, Karl R., assignor to L. S. Ayres & Company, Indianapolis, Ind. Composite unit mounting for jewelry. Des. 90,863; Oct. 10.
- Staw, Morris, New Brunswick, N. J. Garment. 1,895,237; Jan. 24.
- Staw, Morris, New Brunswick, N. J. Garment. 1,931,331; Oct. 17.
- Stawitz, Julius. (See Dulitz, A., and Stawitz.)
- Stay, Theron D., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum-Silicon alloys. 1,934,281; Nov. 7.
- Staytite Company, The. (See Muller, Frans G. D., assignor.)
- Stayton, Frank J., Birmingham, Ala., assignor to Batterton Coffee Co. Inc. Jar. Des. 89,074; Jan. 17.
- Stead Rail Anchors Incorporated. (See Cooper, Francis W., assignor.)
- Steadman, Edwin E., North Tonawanda, N. Y. Paint displaying device. 1,929,335; Oct. 3.
- Steam Pressing Iron Company. (See Clark, Frederick J., assignor.)
- Ste. Anne des Anciens Etablissements Panhard & Levasor. (See Schaeffer, Charles.)
- Stear, Lawrence E., assignor to N. L. Upper, Detroit, Mich. Boiler. 1,892,908; Jan. 3.
- Stearman Aircraft Company, The. (See Northrop, John K., assignor.)
- Stearnes & Foster Company, The. (See Oerlebeck, Wilbur H., assignor.)
- Stearns & Foster Company, The. (See Schubert, Wilfred G., assignor.)
- Stearns, Frederick, & Company. (See Legerlotz, Helmut, assignor.)
- Stearns, Roswell H., Milwaukee, Wis. Magnetic separating device. 1,934,742; Nov. 14.
- Stearns, Roswell H., assignor to Magnetic Manufacturing Company, Milwaukee, Wis. Pipe conveyer roll. 1,937,991; Dec. 5.
- Steatit-Magnesia Aktiengesellschaft. (See Schönfeld, Ulrich, assignor.)
- Stebbins, Frederick O. (See Hobart, H. M., Stebbins, and Gettelman.)
- Stebbins, John D., assignor to The Barrett Company, New York, N. Y. Aeronautical roof sign. 1,933,878; Nov. 7.
- Stebbis, Livingston, administrator. (See Preble, James J.)
- Steber, Bernard T., Utica, N. Y. Valve grinding machine. 1,916,775; July 4.
- Steber, Emil O. (See Anderson, A. W., and Steber.)
- Stebler Parker Co. (See Tobey, William J., assignor.)
- Stecher, Henry D., assignor to The Weatherhead Company, Cleveland, Ohio. Pipe coupling. 1,921,709; Aug. 8.
- Stecher, Karl. (See Stecher, Leopold, assignor.)

- Stecher, Leopold, assignor of one-third to K. Stecher, Wichita, Kans. Poultry water and feed protector. 1,906,016; Apr. 25.
- Steck, Fred H., assignor to General Supply Company, Los Angeles, Calif. Roof construction. 1,937,852; Dec. 5.
- Steckel, Abram P., Youngstown, Ohio, assignor to The Cold Metal Process Company. Annealing and coating a base with a metal. 1,907,890; May 9.
- Steckel, Abram P., assignor to The Cold Metal Process Company. Youngstown, Ohio. Tinning long strips. 1,920,439; Aug. 1.
- Stecker Lithographic Co. (See Keller, George M., assignor.)
- Steckhan, Richard. (See Bergen, G., Engelhardt, and Steckhan.)
- Steckler, Nat P., New York, N. Y. Nursing bottle nipple with corrugated handles. Des. 90,218; June 27.
- Steckler, Nat P., New York, N. Y. Transparent, adjustable shampoo mask. 1,923,340; Aug. 22.
- Stedefeld, Curt. (See Kruckenber, F., and Stedefeld.)
- Stedley, Charles, Queens Village, N. Y. Electric self-feeding iron. 1,928,576; Sept. 26.
- Stedman, Jacob C., Memphis, Tenn. Lunch house. Des. 90,346; July 18.
- Stedman, Jacob C., Memphis, Tenn. House. Des. 90,391; July 25.
- Stedman, James H., Braintree, Mass. Rubber knob and method of making. 1,936,775; Nov. 28.
- Stee, R. M., trustee. (See Dove, Leonard P., assignor.)
- Steed, Charles, et al. (See Cooper, Frederick R., assignor.)
- Steedman, Edwin H., St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Automobile lift. 1,893,185; Jan. 3.
- Steedman, Edwin H., St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Automobile lift. 1,899,534; Feb. 28.
- Stees, William F., Chicago, and R. L. Orwig, Evanston, assignors to Charmette, Inc., Chicago, Ill. Hair remover. 1,910,647; May 23.
- Steel, John B., assignor to Farmers Manufacturing Company, Norfolk, Va. Shipping basket. 1,903,797; Apr. 18.
- Steel & Tubes, Inc. (See Gibson, James, assignor.)
- Steel and Tubes, Inc. (See Lawson, John F., assignor.)
- Steel and Tubes, Inc. (See O'Connor, B. J., and Hannon, assignors.)
- Steel, William A., Ottawa, Ontario, Canada. Wave signaling system. 1,940,153; Dec. 19.
- Steel-Bound Container Corporation. (See Brooks, James D., assignor.)
- Steel-Bound Container Corporation. (See Warren, Harold M., assignor.)
- Steel-Clad Products Company, The. (See Morgan, David T., assignor.)
- Steeldraulic Brake Corporation. (See Sneed, John, assignor.)
- Steeldraulic Brake Corporation. (See Stoner, Willis G., assignor.)
- Steel Heddle Manufacturing Company. (See Kasper, Louis, assignor.)
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
- Steel-Weld Equipment Corporation. (See Re Qua, Frederick L., assignor.)
- Steele, Alfred R., Crumpsall, and A. Stewart, Prestwich, Manchester, England, assignors to Imperial Chemical Industries, Limited. Treatment of filling and reinforcing materials used in plastic compositions. 1,941,059; Dec. 26.
- Steele, Arthur B., Beltinge, Herne Bay, and J. Lines, Betteshanger, near Deal, England; said Lines assignor to said Steele. Detachable suspension or gripping device. 1,894,895; Jan. 17.
- Steele, Charles W., deceased, by L. K. Steele, administratrix, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Machine for striping. 1,919,386; July 25.
- Steele, Charles W., deceased, by L. K. Steele, administratrix, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for trimming articles. 1,925,884; Sept. 5.
- Steele, Clarence W., Melrose, and D. I. Levine, Wakefield, assignors to Heywood-Wakefield Company, Boston, Mass. Spring unit for chair seat frames. 1,915,390; June 27.
- Steele, Fred, West Haven, assignor to Sargent & Company, New Haven, Conn. Door handle. 1,907,128; May 2.
- Steele, George, Norristown, Pa. Battery carrier. 1,938,158; Dec. 5.
- Steele, George H., Nashville, Tenn. Direction signal switch. 1,894,204; Jan. 10.
- Steele, Herbert H., Lynbrook, assignor, by mesne assignments, to Elliott-Fisher Company, New York, N. Y. Combined typewriting, computing, and check-protecting machine. 1,925,344; Sept. 5.
- Steele, Irving M. (See Thompson, G., Steele, and Maas.)
- Steele, James R. (See Moore, G. L., and Steele.)
- Steele, James W., Kansas City, Mo. Fabric tensioning and fastening device. 1,895,495; Jan. 31.
- Steele, James W., Kansas City, Mo. Garment finishing table. 1,941,234; Dec. 26.
- Steele, John C. (See Owens, William B., assignor.)
- Steele, John G., Latrobe, Pa. Propelling device. 1,921,893; Aug. 8.
- Steele, John H., Wyandotte, Mich., assignor to Michigan Steel Corporation. Break-down loading device. 1,899,647; Feb. 28.
- Steele, Joseph F., San Francisco, Calif. Hose coupling. 1,933,769; Nov. 7.
- Steele, Lillian K. (See Steele, Charles W.)
- Steele, Lillian K., administratrix. (See Steele, Charles W.)
- Steele, Maurice G., Rome, N. Y., assignor to Revere Copper and Brass Incorporated. Radiator. 1,940,152; Dec. 19.
- Steele, Orville R., Covington, Va. Snow vehicle. 1,916,643; July 4.
- Steele, Robert L., 3d, Rockingham, N. C. Lining for fruit baskets. 1,912,550; June 6.
- Steele, William I. (See Ashley, C. C., and Steele.)
- Steele, William J. (See Powers, Joseph J., assignor.)
- Steenbeck, Max. (See Strigel, R., and Steenbeck.)
- Steenbeck, Max, Berlin-Westend, and R. G. Berthold, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric and Manufacturing Company. Resistance material. 1,922,221; Aug. 15.
- Steenbeck, Max, Berlin-Westend, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Circuit arrangement for an ion relay and a mechanical relay. 1,930,829; Oct. 17.
- Steenek, Robert. (See Long, J. W., and Steenek.)
- Steenek, Robert. (See Myer, P. L., and Steenek.)
- Steenrod, William J., Kalamazoo, assignor to Bonnarvawter Fanform Company, Inc., Benton Harbor, Mich. Mechanism for interleaving carbon strips in connected manifold forms. 1,898,795; Feb. 21.
- Steenzen, Bernard, assignor to Chrysler Corporation, Detroit, Mich. Carburetor air supplying system. 1,931,039; Oct. 17.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Voltage compensated motor starter. 1,902,470; Mar. 21.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 1,904,559; Apr. 18.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 1,904,560; Apr. 18.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 1,904,561; Apr. 18.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 1,907,603; May 9.
- Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 1,911,042; May 23.
- Steep, James B., Detroit, Mich. Automatic coasting brake. 1,937,992; Dec. 5.
- Steere, Edward H., assignor to Dixie Manufacturing Company, Inc., Rockwood, Tenn. Knitting machine. 1,896,431; Feb. 7.
- Steere, Frank W., Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Apparatus for producing combustible gas. 1,939,470; Dec. 12.
- Steere, Frank W., Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Apparatus for producing combustible gas. 1,939,471; Dec. 12.
- Steere, George R. (See Eberlein, J. B., and Steere.)
- Steere, George R., Owosso, Mich., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Weighing mechanism adapted for use in charging machines. 1,895,297; Jan. 24.
- Steere, George R., Larchmont, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Gas manufacture. 1,900,959; Mar. 14.
- Steere, Raymond J., assignor to Dixie Manufacturing Company, Inc., Rockwood, Tenn. Knitting machine attachment. 1,929,125; Oct. 3.
- Steerup, Godfrey, Maywood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Producing electrical condensers. 1,893,342; Jan. 3.
- Steerup, Godfrey, Maywood, assignor to Seric Products Company, Chicago, Ill. Electric heating pad and control therefor. 1,903,015; Mar. 28.
- Steerup, Godfrey, Maywood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Electrical condenser. 1,909,079; May 16.
- Steerup, Godfrey, Maywood, Ill., assignor to American Can Company, New York, N. Y. Electrical sterilization of objects or substances. 1,937,536; Dec. 5.
- Stees, Isaac, Harrisburg, Pa. Molding apparatus. 1,937,993; Dec. 5.
- Stefandel, Frank. (See Lantingberg, D., and Stefandel.)
- Steffen, Charles G., South Jamaica, assignor to Dugan Brothers Inc., Brooklyn, N. Y. Machine for applying adhesive to wrappers of packages. 1,913,132; June 6.
- Steffen, Fritz H., Jackson Heights, N. Y. Padlock. 1,928,215; Sept. 26.
- Steffen, Le Roy J., Evanston, Ill., assignor to Hough Shade Corporation. Splint shade support. 1,899,062; Feb. 28.
- Steffens-Amberg Co., The. (See Soemer, John O., assignor.)
- Stegeman, Henry J. (See Locke, S. D., Dosch, and Stegeman.)
- Stegeman, Henry J. (See Locke, S. D., and Stegeman.)

- Stegeman, William L. (See Millward, Albert M., assignor.)
- Stegemeyer, Lou A. (See Myers, L. D., and Stegemeyer.)
- Stegemeyer, Lou A., and J. O. Peirce, Cincinnati, assignors to The Twitchell Process Company, St. Bernard, Ohio. Hydrolyzing cellulose. 1,906,429; May 2.
- Stegmann, Karl, assignor to John-Werke, Großsche Maschinen-Aktiengesellschaft, Bautzen, Germany. Paper cutting machine. 1,920,718; Aug. 1.
- Stehly, Ernest T. (See Carswell, T. S., Stehly, and Alozer.)
- Stehli, Henry J., Cedar Grove, assignor to Sintering Machinery Corporation, Netcong, N. J. Integrating mechanism. 1,920,024; July 25.
- Stehlik, Rudolph F., assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,924,661; Aug. 29.
- Stehlik, Rudolph F., assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Alternating current bells. 1,927,530; Sept. 19.
- Stehlik, Rudolph F., assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone instrument. 1,932,647; Oct. 31.
- Stehlik, Rudolph F., assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,934,384; Nov. 7.
- Steir, Leo N., assignor to Steir Piston Ring Company, San Diego, Calif. Piston ring. 1,897,648; Feb. 14.
- Steir Piston Ring Company. (See Steir, Leo N., assignor.)
- Steiber, Theodore E., assignor of one-half to A. A. Johnson, Bridgeport, Conn. Facilitating the taking-off and landing of aircraft and refueling the same. 1,925,212; Sept. 5.
- Steiber, Theodore E., assignor of one-half to A. A. Johnson, Bridgeport, Conn. Facilitating the taking-off and landing of aircraft and refueling the same. 1,940,030; Dec. 19.
- Steidley, Thomas C., Fairmont, W. Va. Set of playing cards. Des. 90,427; Aug. 1.
- Steigenberger, Friedrich, Ulm-on-the-Danube, Germany. Device for opening the mouth of an animal and holding it open. 1,915,454; June 27.
- Steiger, Clarence C., Jefferson City, Mo. Wheel chair. 1,917,557; July 11.
- Steiger, Max, Zurich, Switzerland. Lead holder. 1,908,491; May 9.
- Steiger, Norbert, Frankfurt-on-the-Main, and W. Brunner, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxy-thionaphthene compound. 1,938,053; Dec. 5.
- Steiger, Norbert, Frankfurt-on-the-Main, and W. Brunner, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Indigoid dyestuff. 1,938,054; Dec. 5.
- Steiger, Norbert, Frankfurt-on-the-Main, and W. Brunner, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Isatine compound. 1,938,055; Dec. 5.
- Steiger, Walther, Bern, Switzerland. Charging pump for multicylinder two-stroke combustion engines or compressors. 1,922,985; Aug. 15.
- Steigerwald, Christian, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of methane into liquid hydrocarbons. 1,905,520; Apr. 25.
- Steik, Karl T., Elizabeth, N. J., assignor to Standard Oil Development Company. Treatment of oil. 1,896,470; Feb. 7.
- Steimmig, Gerhard, and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbonic acid esters of the glycols. 1,907,891; May 9.
- Steimmig, Gerhard, and O. Hamsch, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of dioxane and its homologues. 1,939,189; Dec. 12.
- Stein, Berthold. (See Mieg, W., Stein, and Trautner.)
- Stein, Berthold. (See Nawiasky, P. S., and Stein.)
- Stein, Berthold. (See Nawiasky, P., Stein, and Krauch.)
- Stein, Berthold. (See Schmidt, R. E., Stein, and Bamberger.)
- Stein, Edward J., Belle Vernon, assignor to American Window Glass Company, Pittsburgh, Pa. Cutting table. 1,921,489; Aug. 8.
- Stein, Edward J., Belle Vernon, assignor to American Window Glass Company, Pittsburgh, Pa. Cutting table. 1,926,704; Sept. 12.
- Stein, Edward P., assignor to The Bastian-Blessing Company, Chicago, Ill. Valve. 1,899,296; Feb. 28.
- Stein, Fred A., Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine-starting mechanism. 1,925,943; Sept. 5.
- Stein, Hall & Company. (See Bosland, H. S., and La Plana, assignors.)
- Stein, Hall & Company. (See Caesar, George V., assignor.)
- Stein, Hall Manufacturing Company. (See Bauer, Hans F., assignor.)
- Stein, Herbert, Berlin, Germany, assignor to General Electric Company. Control system. 1,895,946; Jan. 31.
- Stein, Herbert, Berlin, Germany, assignor to General Electric Company. Motor mounting. 1,899,596; Feb. 28.
- Stein, Jacob, Brooklyn, N. Y. Ornamental sheet fabric and producing same. 1,923,512; Aug. 22.
- Stein, Joseph A., Pittsburgh, Pa., assignor to Bacharach Industrial Instrument Company. Determining the combustible content in a gas mixture. 1,940,513; Dec. 19.
- Stein, Leonhard. (See Bockmühl, M., Ehrhart, and Stein.)
- Stein, Louis, Chicago, Ill. Display book. 1,912,735; June 6.
- Stein, Louis H., assignor to Aetna Ball Bearing Mfg. Co., Chicago, Ill. Shaft sealing device. 1,936,804; Nov. 28.
- Stein, Louis H., assignor to Aetna Ball Bearing Mfg. Co., Chicago, Ill. Shaft sealing device. 1,941,025; Dec. 26.
- Stein, Max, Pueblo, Colo. Revolving display rack. 1,908,928; May 16.
- Stein, Michael, Munchendorf, Austria, assignor of one-half to J. R. Keller, Lausanne, Switzerland. Manufacturing gelatine capsules. 1,898,507; Feb. 21.
- Stein, Otto. (See Bruson, H. A., Robinson, and Stein.)
- Stein, Theodor, Berlin-Grünwald, and G. Wunsch, Steglitz, near Berlin, assignors to Askana-Werke Aktiengesellschaft, vormals Centralwerkstatt Dessau und Carl-Bamberg-Friedenau, Berlin-Friedenau and Allgemeine Elektrizitäts-Gesellschaft, Berlin, Germany. Device for regulating power generating plants, especially electricity works. 1,894,246; Jan. 10.
- Stein-Tobler Co. (See Reiser, Franz, assignor.)
- Stein, William, Evansville, Ind. Feeding apparatus for mill rolls. 1,896,724; Feb. 7.
- Stein, William C., Lockport, N. Y. Refuse container. 1,911,724; May 30.
- Stein, William E., Rochester, N. Y. Paper box opening machine. 1,898,910; Feb. 21.
- Steinacher, Alfred E., Frauenfeld, Switzerland. Blank for forming milk cans. 1,931,210; Oct. 17.
- Steinbart, William A., Richmond Hill, N. Y., assignor, by mesne assignments, to International Steel Wool Corporation, Springfield, Ohio. Method of and machine for making steel wool. 1,907,453; May 9.
- Steinberg, Abe I., assignor to National Program and Printing Company, Chicago, Ill. Apparatus for finishing half-tone prints. 1,908,076; May 9.
- Steinberg, Heinrich, et al. (See Rau, Fritz, assignor.)
- Steinberg, Lewis R. (See Pruss, H. E., and Steinberg.)
- Steinbreder, William J., Pine Lawn, assignor to Beehler Steel Products Company, St. Louis, Mo. Pitching horseshoes. 1,913,009; June 6.
- Steinbring, Edward F., Maplewood, N. J., assignor, by mesne assignments, to Krebs Pigment & Color Corporation, Wilmington, Del. Recovery of zinc compounds from technical zinc liquors. 1,912,332; May 30.
- Steinbuch, Ewald, Basel, M. Eschmann and H. Schwammberger, Monthey, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Producing chemical reactions in gases and vapors with aid of a high tension electric arc. 1,902,384; Mar. 21.
- Steindler, Leslie L., Mamaroneck, N. Y., and C. B. Waters, Montclair, N. J., deceased; J. K. Waters, administratrix. Door operating and controlling mechanism. 1,938,502; Dec. 5.
- Steindorf, Harry W. (See Barnett, C. A., and Steindorf, assignors.)
- Steindorf, Robert T., assignor to Chain Belt Company, Milwaukee, Wis. Scraper for shaft bearings. 1,901,851; Mar. 14.
- Steindorf, Robert T., assignor to Chain Belt Company, Milwaukee, Wis. Sediment remover for settling tanks. 1,912,019; May 30.
- Steindorf, Robert T., assignor to Chain Belt Company, Milwaukee, Wis. Trash removing mechanism for water screens. 1,912,020; May 30.
- Steindorf, Robert T., assignor to Chain Belt Company, Milwaukee, Wis. Protecting submerged journal bearings. 1,934,616; Nov. 7.
- Steindorf, Adolf, K. Daimler, and K. Platz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphonated fatty acid esters and their production. 1,916,776; July 4.
- Steinecke, Adolf, Komotau, Czechoslovakia. Apparatus for expanding metal tubes. 1,939,526; Dec. 12.
- Steinecke, Fritz, Sindelfingen near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Roller hood for power driven vehicles. 1,899,832; Feb. 28.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Work clamping fixture for crank grinding machines. Re13,736; Feb. 14.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Grinding crank shafts. 1,925,911; Sept. 5.
- Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Grinding machine. 1,937,726; Dec. 5.
- Steiner, Amos P., H. E. Balsiger, and E. P. Wine, assignors to Landis Tool Company, Waynesboro, Pa. Ball race grinder. 1,917,468; July 11.
- Steiner, Earl V., Marshallville, Ohio. Direction-indicating signal for automobiles. 1,931,967; Oct. 24.
- Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,908,566; May 9.
- Steiner, Frank M., Minneapolis, Minn., and W. S. Graves, Kansas City, Mo., assignors to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,898,796; Feb. 21.
- Steiner, George A., assignor to Steiner Sales Company, Salt Lake City, Utah. Garment. 1,893,914; Jan. 10.

- Steiner, Gottlieb, assignor to Scintilla Aktiengesellschaft, Solothurn, Switzerland. Dimmer switch for motor cars, motorcycles, and bicycles. 1,910,569; May 23.
- Steiner, Hans, Winterthur, Switzerland. Cooling facilities for rotary compressors. 1,905,521; Apr. 25.
- Steiner, Howard M., assignor to H. D. Taylor Company, Buffalo, N. Y. Fastener for curtain tie-backs, etc. 1,930,430; Oct. 10.
- Steiner, Leo E. (See Davidson, C. N., and Steiner.)
- Steiner, Otto, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Film holder for photographic cameras. 1,904,097; Apr. 18.
- Steiner Sales Company. (See Birr, R. G., and Grunwald, assignors.)
- Steiner Sales Company. (See Flack, Ole J., assignor.)
- Steiner Sales Company. (See O'Brien, Thomas D., assignor.)
- Steiner Sales Company. (See Steiner, Frank G., assignor.)
- Steiner Sales Company. (See Steiner, F. M., and Graves, assignors.)
- Steiner Sales Company. (See Steiner, George A., assignor.)
- Steiner Sales Company. (See Thompson, Charles W., assignor.)
- Steiner Sales Company. (See Tyler, Tracy B., assignor.)
- Steiner, Theresa C. (See Ingwersen, G. F., and Steiner.)
- Steinert, Abraham, Berlin, Germany, assignor to the Firm P. Beiersdorf & Co., Inc., New York, N. Y. Bandage. 1,923,513; Aug. 22.
- Steinert, Emil, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer. 1,932,051; Oct. 24.
- Steinert, Marie H., Chemnitz, Germany. Tooth-cleaner. 1,901,419; Mar. 14.
- Steinfeld, Harry, Brooklyn, assignor of three-tenths to E. Ervin, and one-fifth to C. Tamagno, New York, N. Y. Lighter. 1,910,370; May 23.
- Steinhardt, Lawrence A. (See Novak, Julius J., assignor.)
- Steinharter, Joseph J., and J. J. Grossman, Brooklyn, N. Y. Convenience wall outlet. 1,937,922; Dec. 5.
- Steinhauer, Fritz P., Chicago, Ill. Automatic hitch. 1,929,220; Oct. 3.
- Steinhauer, George B., Lemoyne, Pa. Lady's sewing cabinet. Des. 90,789; Sept. 26.
- Steinhäuser, Friedrich, Frankfurt-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Synthesis of acetyl chloride. 1,911,589; May 30.
- Steinholz, Gertrude, Brooklyn, assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,618; Apr. 18.
- Steinkamp, Albert Edward, Cincinnati, Ohio. Bathing device. 1,940,514; Dec. 19.
- Steinle, Adolf, Jena, Germany, assignor to N. V. Nederlandsche Instrumenten Compagnie "Nedinsco", Venlo, Netherlands. Turret rotatably mounted on board ship. 1,897,282; Feb. 14.
- Steinle, Adolf, assignor to the Firm of Carl Zeiss, Jena, Germany. Telescope sight. 1,905,070; Apr. 25.
- Steinle, William A., assignor to Morgan & Wright, Detroit, Mich. Treating rubber articles and product. 1,935,165; Nov. 14.
- Steinman, Benjamin, Brooklyn, N. Y. Hand bag. 1,939,731; Dec. 19.
- Steinmann, Frank, sr., De Soto, Mo. Flying machine. 1,903,345; Apr. 4.
- Steinmann, William, New York, N. Y. Statuette or similar article. Des. 90,347; July 18.
- Steinmayer, Alwin G., Milwaukee, assignor, by mesne assignments, to Line Material Company, South Milwaukee, Wis. Street lighting fixture. Re18,707; Jan. 3.
- Steinmayer, Alwin G. (See Christensen, C., and Steinmayer.)
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse link. 1,897,342; Feb. 14.
- Steinmayer, Alwin G., Milwaukee, assignor, by mesne assignments, to Line Material Company, South Milwaukee, Wis. Circuit making and breaking device. 1,908,567; May 9.
- Steinmayer, Alwin G., assignor to Line Material Company, South Milwaukee, Wis. Lamp socket. 1,908,568; May 9.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Assembly of a head and reflector for a lamp. 1,912,601; June 6.
- Steinmayer, Alwin G., Milwaukee, Wis., assignor, by mesne assignments, to Line Material Company. Indicating device. 1,918,296; July 18.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Pothead. 1,922,336; Aug. 15.
- Steinmayer, Alwin G., Milwaukee, assignor, by mesne assignments, to Line Material Company, South Milwaukee, Wis. Switch. 1,928,635; Oct. 3.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Pothead. 1,928,636; Oct. 3.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse. 1,932,194; Oct. 24.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse link. 1,934,243; Nov. 7.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse link. 1,934,244; Nov. 7.
- Steinmetz Sanitary Doormat Company of America. (See New, David, assignor.)
- Steinmeyer, William, Elgin, Ill. Woodworking machine. 1,895,054; Jan. 24.
- Steiner-Göhl, Arthur, Vienna, Austria. Device for grinding razor blades. 1,909,987; May 23.
- Steinour, John E., and P. Brubaker, Los Angeles, Calif. Push hoe. 1,895,055; Jan. 24.
- Steinway & Sons. (See Weber, Stanley, assignor.)
- Stelkens, Willy, Koeln, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Preparation of beverages. 1,930,257; Oct. 10.
- Stelljes, Fred D., assignor to T. & L. Company Incorporated, Newark, N. J. Traveling bag. 1,929,524; Oct. 10.
- Stelz, Frank F., Jersey City, N. J. Electrical separator. 1,911,211; May 30.
- Stelzer, Franz H. B., assignor to Universelle Cigarettenmaschinen-Fabrik, J. C. Muller & Company, Dresden, Germany. Process and apparatus for feeding predetermined amount of tobacco. 1,927,138; Sept. 19.
- Stelzer, Franz H. B., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Apparatus for manufacturing cigar fillers. 1,941,060; Dec. 26.
- Stelzer, Franz H. B., assignor to Firm "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Machine for shaping cigar fillers. 1,941,192; Dec. 26.
- Stelzer, Karl, Vienna, Austria, assignor to Oskar Smreker, Luzern, Switzerland. Rotary piston pump. 1,934,890; Nov. 14.
- Stelzer, William, Chicago, Ill., assignor to American Propeller Company, Baltimore, Md. Propeller. 1,899,650; Feb. 28.
- Stelzner, Hermann, assignor to Otto Heinrich Dräger, Lubeck, Germany. Helmet for divers, miners, firemen, and the like. 1,930,399; Oct. 10.
- Stemman, Herman, Stevensville, Mont. Sickie bar divider attachment. 1,921,952; Aug. 8.
- Stemmons, Clarence H., Kansas City, Mo. Shoe. Des. 89,541; Mar. 21.
- Stemmons, Clarence H., Kansas City, Mo. Shoe. Des. 89,977; May 23.
- Stemwedel, Albert L., assignor to Fee and Stemwedel Inc., Chicago, Ill. Indicator. Des. 90,219; June 27.
- Stenberg, Aryid, assignor to Aktiebolaget Sigfr. Stenberg & Co., Nässo, Sweden. Woodworking machine. 1,930,888; Oct. 17.
- Stenfors, Frans I. E. (See Olsson, J. G., and Stenfors.)
- Stenger, Willelbd C., Chicago, Ill. Acoustical diaphragm. 1,913,645; June 13.
- Stenglein, Oswald, Markersdorf-Chemnitztal, assignor to Chemnitzer Strickmaschinen-Fabrik, Chemnitz, Germany. Winding frame. 1,905,426; Apr. 25.
- Stenhouse, David. (See Stenhouse, Thomas and D.)
- Stenhouse, David, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Glass feeder. 1,904,754; Apr. 18.
- Stenhouse, Thomas. (See Bowman, S. B., and Stenhouse.)
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Transfer apparatus for glassware. 1,895,824; Jan. 31.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Pneumatic glass feeder. 1,898,101; Feb. 21.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Pneumatic glass feeder. 1,926,122; Sept. 12.
- Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Method and apparatus for flowing glass. 1,927,101; Sept. 19.
- Stenhouse, Thomas and D., Washington, Pa., assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer loader. 1,903,916; Apr. 18.
- Stenman, Per L., Stockholm, assignor to Aktiebolaget Traskrux, Stockholm, Sweden. Screw holding device. 1,934,568; Nov. 7.
- Stenz, Bernard F., New York, N. Y. Sample cards. 1,924,004; Aug. 22.
- Stenzel, Heinrich. (See Hecht, H., and Stenzel.)
- Stenzel, Richard W., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Contacting fluids. 1,907,455; May 9.
- Stenzl, Hans, Basel, Switzerland. Substances arresting blood coagulation and the manufacture of same. 1,907,371; May 2.
- Stenzl, Hans, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Preparing substituted pyrazolones. 1,936,488; Nov. 21.
- Stenzy, August F. F., assignor of one-half to Stephen Ratajczak, Baltimore, Md. Radio circuit. 1,904,839; Apr. 18.
- Stepan, John. (See Wolf, Peter, assignor.)
- Stepanian, Stephen, assignor of one-sixth to W. H. Hoagland, and one-sixth to H. J. Kaufman, Columbus, Ohio. Concrete mixing and transporting vehicle. 1,935,922; Nov. 21.

- Stephan Engineering Corporation. (See Stephan, Fritz, assignor.)
- Stephan, Fritz, Chicago, Ill., assignor, by mesne assignments, to Stephan Engineering Corporation. Fuel supply system. 1,933,081; Oct. 31.
- Stephen, Oscar R., Brierley Hill, England. Machine for molding glass pieces. 1,907,410; May 2.
- Stephens-Adamson Mfg. Co. (See Sinden, Alfred D., assignor.)
- Stephens, Charles A. (See Gerow, James W., assignor.)
- Stephens, Elton S., Chicago, Ill., assignor, by mesne assignments, to Consistometer Corporation. Device for testing the consistency of liquids. 1,930,629; Oct. 17.
- Stephens, Frederick R., Oshawa, Ontario, Canada, assignor to General Motors Corporation, Detroit, Mich. Cylinder head gasket for internal combustion engines. 1,928,116; Sept. 26.
- Stephens, Howard O., and F. H. Kierstead, Pittsfield, Mass., assignor to General Electric Company. Temperature indicator. 1,917,163; July 4.
- Stephens, Levi T., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for making sheets or films. 1,921,953; Aug. 8.
- Stephens, Oscar K., San Gabriel, Calif. Production control assembly. 1,893,602; Jan. 10.
- Stephens, Oscar K., San Gabriel, Calif. Casing landing packing and blowout prevention assembly. 1,927,190; Sept. 19.
- Stephens, Percy W., Chicago, Ill. Steel wool holder. 1,895,496; Jan. 31.
- Stephens Pump Company. (See Abercrombie, James S., assignor.)
- Stephens Pump Company. (See Abercrombie, J. S., Tennant, and Allen, assignors.)
- Stephens Pump Company. (See Tennant, Joseph A., assignor.)
- Stephens, Robert M. (See Chapman, V. J., and Stephens.)
- Stephens, Thomas J., Brooklyn, N. Y. Baker's oven and means for controlling and distributing the products of combustion throughout the same. 1,940,889; Dec. 26.
- Stephens, Thomas M., Michigan City, Ind. Cutter bit and chuck. 1,920,035; July 25.
- Stephens, William A., London, England. Manufacture of closure device for bottles, jars, and the like. 1,938,503; Dec. 5.
- Stephens, William A., London, England, assignor to The British Sure Seal Company Limited. Apparatus for the manufacture of receptacle closures. 1,919,578; July 25.
- Stephens, William T., assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Adjustable draft rigging. 1,914,963; June 20.
- Stephenson, Arlington W., assignor, by mesne assignments, to The Fax Company, San Francisco, Calif. Offset printing apparatus. 1,906,285; May 2.
- Stephenson, Arthur, Victoria Station House, Westminster, assignor to Allen-Liversidge Limited, Westminster, England. Oxyacetylene and similar heating burner. 1,907,604; May 9.
- Stephenson, Clyde. (See Holloway, M. L., and Stephenson.)
- Stephenson, Edward B., Washington, D. C. Subaqueous system of artillery fire adjustment. 1,905,315; Apr. 25.
- Stephenson, Francis L., Ambler, Pa., assignor to Bethlehem Steel Company. Silo. 1,913,174; June 6.
- Stephenson, Harold P. (See Tate, W. R., and Stephenson, assignors.)
- Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Sewing machine. 1,936,412; Nov. 21.
- Stephenson Laboratories Trust. (See Mitchie, Jean G., assignor.)
- Stephenson, Laurence E., assignor to Frederick Snare Corporation, New York, N. Y. Pipe sleeve. 1,911,856; May 30.
- Stephenson, Laurence E., assignor to Frederick Snare Corporation, New York, N. Y. Pipe joint and forming same. 1,921,642; Aug. 8.
- Stephenson, Leigh J., assignor to Walker Vehicle Company, Chicago, Ill. Interlocking switch. 1,919,913; July 25.
- Stephenson Manufacturing Company. (See Stephenson, Thomas B., assignor.)
- Stephenson, Marshall E., Humboldt, Kans. Reducing gear mechanism. 1,912,801; June 6.
- Stephenson, Norman M., Los Angeles, Calif. Fuse. 1,925,060; Aug. 29.
- Stephenson, Paul A., Newton, Mass., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture camera control. 1,905,522; Apr. 25.
- Stephenson, Thomas B., Springfield, Mass. Aspirator. 1,897,343; Feb. 14.
- Stephenson, Thomas B., Springfield, Mass. Inhaling bottle. 1,897,403; Feb. 14.
- Stephenson, Thomas B., assignor to Stephenson Manufacturing Company, Inc., Springfield, Mass. Aspirator. 1,897,404; Feb. 14.
- Stere, Boyd A., and E. C. Auspnehmer, Youngstown, Ohio. Window. 1,922,505; Aug. 15.
- Sterling Airbrush Co. (See Wenczel, Laszlo, assignor.)
- Sterling Automotive Products Corporation. (See Buck, Russell R., assignor.)
- Sterling Borax Company. (See Mitchell, O., and Flood, assignors.)
- Sterling Button Co. (See Holstein, Sol, assignor.)
- Sterling, Claude H., Syracuse, N. Y., assignor to General Motors Corporation, Detroit, Mich. Rear axle carrier. 1,903,146; Mar. 28.
- Sterling Company, The. (See Caston, Johnnye L., assignor.)
- Sterling Company, The. (See Caston, Mary L., assignor.)
- Sterling Corporation. (See Flammang, J., and Bowser, assignors.)
- Sterling Electric Motors. (See Johnson, Carl E., assignor.)
- Sterling, George H., Glenwood, Minn. Draft or coupling device. 1,899,597; Feb. 28.
- Sterling, Lester. (See Clute, D., and Sterling.)
- Sterling Products Company. (See Wilkinson, Arthur W., assignor.)
- Sterling Shoe Corporation. (See Bernstein, Benjamin F., assignor.)
- Sterling Siren Fire Alarm Company Inc., The. (See Armstrong, Merton C., assignor.)
- Sterling Wheelbarrow Company. (See Mueller, Edward C., assignor.)
- Stern, Albert G., assignor to The Barrett Company, New York, N. Y. Heating materials. 1,924,136; Aug. 29.
- Stern, Albert R., New York, N. Y. Uniform cap. 1,895,593; Jan. 31.
- Stern, Charles. (See Feeley, M. R., and Stern, assignors.)
- Stern, Charles, Jersey City, assignor to Ardco Manufacturing Company, Hoboken, N. J. Lubricator supply tank. 1,918,145; July 11.
- Stern, Charles, Jersey City, assignor to Ardco Manufacturing Company, Hoboken, N. J. Rail and wheel flange lubricator. 1,918,146; July 11.
- Stern, Charles, Jersey City, N. J., D. W. Davis, Sayre, Pa., and H. C. Gillespie, Huntington, W. Va., assignors to Ardco Manufacturing Company, Hoboken, N. J. Rail flange lubricator. 1,918,144; July 11.
- Stern, David. (See Bustamante, Cesar, assignor.)
- Stern, David, et al. (See Larsen, Louis G., assignor.)
- Stern, David, Dorchester, Mass. Ice pack receptacle. 1,898,320; Feb. 21.
- Stern, David, Newton, Mass. Covered container. 1,930,324; Oct. 10.
- Stern, David, Newton, Mass. Closure-sealing apparatus. 1,930,325; Oct. 10.
- Stern, Edgar L., et al. (See Low, John W., assignor.)
- Stern, Georg. (See Mittasch, A., Stern, and Galle.)
- Stern, Karl, Baden, near Vienna, and J. Kubin, Möllersdorf, Austria; said Kubin assignor to said Stern. Stamp and drawing press. 1,894,718; Jan. 17.
- Stern, L. & H., Inc. (See Stern, Ludwig, assignor.)
- Stern Lace Co. Inc. (See Laner, Jules, assignor.)
- Stern, Ludwig, New York, N. Y. Pipe. 1,941,326; Dec. 26.
- Stern, Ludwig, New York, assignor to L. & H. Stern, Inc., Brooklyn, N. Y. Pipe. 1,908,630; May 9.
- Stern, Milton C., assignor to The Egrv Register Company, Dayton, Ohio. Paper supplies. 1,898,271; Feb. 21.
- Stern, Milton C., and F. E. Pfeiffer, assignors to The Egrv Register Company, Dayton, Ohio. Manifolding machine. 1,922,114; Aug. 15.
- Stern, Mitchell, Philadelphia, Pa. Bathtub back rest. 1,898,272; Feb. 21.
- Sternaman, John R., Springfield, Ill. Pipe structure. 1,901,420; Mar. 14.
- Sternau, S., & Company. (See Jones, G., and York, assignors.)
- Sternau, S. & Company. (See McBain, James W., assignor.)
- Sternberg, Carrie, Philadelphia, Pa. Window clothes rack. 1,905,574; Apr. 25.
- Sternberg, Karl, deceased, Vienna, Austria, Friedrich Weissenstein, administrator, assignor, by mesne assignments, to Bonicot Corporation of America, New York, N. Y. Instillation device. 1,913,618; June 13.
- Sternberger, William V. (See Harrison, P. E., and Sternberger.)
- Sternner-Rainer, Roland, Heilbronn-on-the-Neckar, Germany, assignor to American Lurgi Corporation, New York, N. Y. Separating oxides and gases from molten aluminium and aluminium alloys. 1,896,201; Feb. 7.
- Sternner-Rainer, Roland, Heilbronn, Germany, assignor to American Lurgi Corporation, New York, N. Y. Aluminium silicon alloy with a phosphorus content of 0.001 to 0.1%. 1,940,922; Dec. 26.
- Sterrett, Robert, Ambridge, Pa. Limit stop. 1,903,072; Mar. 28.
- Sterrett, Walter R., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for feeding molten glass. 1,935,527; Nov. 14.
- Stertzach, Harry W. (See Johnson, G. T., and Stertzach.)
- Sterzel, Kurt A. (See Fischer, F. J., and Sterzel.)
- Stetner, Joseph L., Brooklyn, N. Y. Bed lamp. 1,904,121; Apr. 18.
- Stetson, Bradford R., assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Packing machine. 1,940,826; Dec. 26.
- Stetson, George W., Hingham, Mass. Water column for steam boilers. 1,940,376; Dec. 19.
- Stetson, John B., Company. (See MacKinnon, George V., assignor.)
- Stetson Shoe Company, The. (See Brady, Walter L., assignor.)
- Stetson Shoe Company, The. (See Cuthbert, Thomas J., assignor.)

- Stetten, Julius O. V., Philadelphia, Pa., assignor to Paramount Textile Machinery Company, Kankakee, Ill. Insulated drying form. 1,892,851; Jan. 3.
- Stetten, Julius O. V., Philadelphia, Pa., assignor to Paramount Textile Machinery Company, Kankakee, Ill. Drying form. 1,925,468; Sept. 5.
- Stettiner, Chamotte-Fabrik Aktien-Gesellschaft vormals Didier. (See Reiche, Kurt, assignor.)
- Stettner, Henry M., St. Paul, Minn. Antiskid device. 1,893,718; Jan. 10.
- Stettner, Ludwig W., Oakland, assignor to Victor Welding Equipment Co., San Francisco, Calif. Gas pressure regulator. 1,918,720; July 18.
- Steuart, Gordon R., deceased, by K. Steuart, administratrix, Denver, Colo., assignor, by mesne assignments, to Kalunite Company. Manufacturing basic alum from normal alum solutions. 1,914,175; June 13.
- Steuart, Gordon R., deceased, by K. Steuart, administratrix, Denver, Colo., assignor, by mesne assignments, to Kalunite Company. Manufacturing anhydrous water soluble aluminum sulphate. 1,914,176; June 13.
- Steuart, Gordon R., deceased, by K. Steuart, administratrix, assignor, by mesne assignments, to Kalunite Company. Manufacturing anhydrous aluminum sulphate. 1,914,177; June 13.
- Steuart, Gordon R., deceased, by K. Steuart, administratrix, Denver, Colo., assignor, by mesne assignments, to Kalunite Company. Basic aluminum sulphate compound. 1,914,178; June 13.
- Steuart, Katherine, administratrix. (See Steuart, Gordon R.)
- Stendel, Erich O., Chicago, Ill. Display stand. 1,936,340; Nov. 21.
- Steuer, Otto A., and J. A. Carr, Los Angeles, Calif. Drum for reenforcing cage machines. 1,895,427; Jan. 24.
- Steuernagel, Hugo V., East Hartford, Conn. Clamp carrying machine. 1,896,113; Feb. 7.
- Steuernagel, Hugo V., East Hartford, Conn. Clamp. 1,929,539; Oct. 10.
- Steur, Jacques B., and C. H. Brown, San Francisco, Calif. Sound modifying device. 1,903,201; Mar. 28.
- Stevens, Albert W., and W. H. Richards, Dayton, Ohio. Photographic film developing apparatus. 1,921,012; Aug. 8.
- Stevens, Arthur L., Evanston, Ill. Radiator or the like. Des. 90,960; Oct. 31.
- Stevens, Arthur L., Evanston, assignor, by mesne assignments, to Arthur L. Stevens Corporation, Chicago, Ill. Annealing furnace. 1,907,892; May 9.
- Stevens, Arthur L., Evanston, assignor, by mesne assignments, to Arthur L. Stevens Corporation, Chicago, Ill. Air and fuel control. 1,924,217; Aug. 29.
- Stevens, Arthur L., Evanston, assignor, by mesne assignments, to Arthur L. Stevens Corporation, Chicago, Ill. Continuous heat treating furnace. 1,924,218; Aug. 29.
- Stevens, Arthur L., Corporation. (See Stevens, Arthur L., assignor.)
- Stevens, Augustus R. (See Stevens, Frank M. and A. R.)
- Stevens, Bernard W. (See Stevens, Frank W. and B. W.)
- Stevens, Carlton R., assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Locking device for loose-leaf books. 1,911,404; May 30.
- Stevens, Carlton R., assignor to The Waterbury Brass Goods Corporation, Waterbury, Conn. Binder for loose-leaf books. 1,915,960; June 27.
- Stevens, Charles W. (See Heeren, R. L. and Stevens.)
- Stevens, Clarence C., Forestville, assignor to The New Departure Manufacturing Company, Bristol, Conn. Machine tool carriage control. 1,920,532; Aug. 1.
- Stevens, Clarence C., Forestville, assignor to The New Departure Manufacturing Company, Bristol, Conn. Grinding machine. 1,923,762; Aug. 22.
- Stevens, Claud L., Detroit, Mich. Making dies. 1,932,426; Oct. 31.
- Stevens, Donald R., Pittsburgh, Pa., and J. R. Adams, Westfield, Mass., assignors to Gulf Refining Company, Pittsburgh, Pa. Converting petroleum oils. 1,915,206; June 20.
- Stevens, Donald R., Ridgewood, assignor to The Okonite Callender Cable Company, Incorporated, Paterson, N. J. Electric cable. 1,931,592; Oct. 24.
- Stevens, Edward W. (See Nell, G. M., and Stevens.)
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Long stroke hammer. 1,907,129; May 2.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure hammer. 1,928,707; Oct. 3.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Valve mechanism for fluid-pressure tools. 1,931,040; Oct. 17.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid-pressure tool. 1,931,041; Oct. 17.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid pressure hammer. 1,931,042; Oct. 17.
- Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Detachable handle. 1,935,065; Nov. 14.
- Stevens, Frank J., Victor, N. Y., assignor to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,931,626; Oct. 24.
- Stevens, Frank M., and A. R. Stevens, Lindsay, assignors to Food Machinery Corporation, San Jose, Calif. Cleaner and polisher. 1,927,721; Sept. 19.
- Stevens, Frank W., Newton, and B. W. Stevens, Needham, Mass. Window and weather strip for windows. 1,919,047; July 18.
- Stevens, Frank W., Newton, and B. W. Stevens, Needham, Mass. Window and weather strip for windows. 1,927,423; Sept. 19.
- Stevens, Frederick A., Providence, R. I. Ophthalmic mounting lens. Des. 91,146; Dec. 5.
- Stevens, Frederick A., Providence, R. I. Ophthalmic mounting. 1,931,941; Oct. 24.
- Stevens, George, Chicago, Ill. Tone bar. 1,904,335; Apr. 18.
- Stevens, George H., Newark, N. J. Vulcanizing rubber. 1,921,375; Aug. 8.
- Stevens, George H., Newark, N. J. Vulcanizing rubber. 1,925,707; Sept. 5.
- Stevens, Gaud L., Detroit, Mich. Forging die structure. 1,936,339; Nov. 21.
- Stevens, Guy G., Groton, N. Y. Dilator. Des. 89,928; May 16.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to H. Stevens, trustee. Distilling coal. 1,938,121; Dec. 5.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to H. Stevens, trustee. Retort for the distillation of coal. 1,938,122; Dec. 5.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to H. Stevens, trustee. Distilling coal. 1,938,123; Dec. 5.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to H. Stevens, trustee. Distilling coal. 1,938,124; Dec. 5.
- Stevens, Harold, Cincinnati, Ohio, assignor, by mesne assignments, to H. Stevens, trustee. Retort for the distillation of coal. 1,938,125; Dec. 5.
- Stevens, Harry G., Mentor, assignor to H. C. Kirkpatrick, Cleveland Heights, Ohio. Nestable pyramidal flower garden unit combination. 1,928,799; Oct. 3.
- Stevens, Henry V., Topeka, Kans. Furnace bearer. 1,898,273; Feb. 21.
- Stevens, Henry V., Topeka, Kans. Flexible tube sheet for thermic siphon boilers. 1,915,455; June 27.
- Stevens, Horace D. (See Nichols, G. B., Flener, and Stevens.)
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Collapsible tire-form. 1,903,202; Mar. 28.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Automatic mill mixer. 1,923,027; Aug. 15.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Washing machine. 1,924,005; Aug. 22.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Machine for making tire bead cores. 1,927,811; Sept. 19.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tube building method and apparatus. 1,941,114; Dec. 26.
- Stevens, John H. (See Walsh, J. F., Stevens, Flynn, Caprio, and Alcorn.)
- Stevens, Joseph D. (See Briley, Lulu P., assignor.)
- Stevens, Leslie, Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound reproducing apparatus. 1,907,893; May 9.
- Stevens Metal Products Company, The. (See Harm, G. O., and McBride, assignors.)
- Stevens, Milo B., & Co. (See Terry, Roy C., assignor.)
- Stevens, Paul S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Controlling electric motors. 1,934,743; Nov. 14.
- Stevens, Paul S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Controlling electric motors. 1,934,745; Nov. 14.
- Stevens, Richard H., Baltimore, Md., assignor to Bethlehem Steel Company. Ventilator. 1,905,010; Apr. 25.
- Stevens, Richard H., Baltimore, Md., and W. C. Frank and H. T. Kelly, Johnstown, Pa., assignors to Bethlehem Steel Company. Apparatus for manipulating annular bodies. 1,907,894; May 9.
- Stevens, Robert H., Larchmont, N. Y. Electromagnetic coil. 1,895,869; Jan. 31.
- Stevens, Robert L., assignor to Motor City Spring Co., Detroit, Mich. Spring assembly for upholstery. 1,935,338; Nov. 14.
- Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Controlling valve for couplers. 1,932,091; Oct. 24.
- Stevens, Sydney A., and E. G. Ryan, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Thermostatic apparatus. 1,915,137; June 20.
- Stevens, William A. (See Guy, S. S., and Stevens.)
- Stevens, William A., Maidstone, assignor to Guy Motors Limited, Wolverhampton, England. System of control for electrically driven vehicles. 1,899,649; Feb. 28.
- Stevens, William A., Maidstone, assignor to Guy Motors Limited, Wolverhampton, England. Electric braking. 1,933,230; Oct. 31.

- Stevens, William A., Maidstone, assignor to Guy Motors Limited, Fallings Park, Wolverhampton, England. Controlling regeneration in electrically propelled vehicles. 1,933,231; Oct. 31.
- Stevens, William C. (See Kuhn, C. W., and Stevens.)
- Stevens, William C., New York, N. Y. Garment hanger. 1,915,556; June 27.
- Stevens, William H., New York, N. Y. Overhead trolley and supporting rails therefor. 1,914,467; June 20.
- Stevens, William O., assignor to Anti Hot Box Company, Incorporated, Princeton, Ill. Treating lubricants. Re18,988; Nov. 7.
- Stevenson, Alexander R., jr., Schenectady, N. Y., assignor to General Electric Company. Refrigerated burner nozzle. 1,920,769; Aug. 1.
- Stevenson, Arthur G., Rochester, N. Y. Combined pencil and lighter. 1,903,203; Mar. 28.
- Stevenson, Charles, New York, N. Y. Air cushioned heel. 1,932,293; Oct. 24.
- Stevenson, Clarence C. (See Remington, B. F., and Stevenson.)
- Stevenson, Earl P., Newton, Mass., assignor to The Richardson Company, Lockland, Ohio. Fibrous composition containing filler and binder substances and making them. 1,901,382; Mar. 14.
- Stevenson, Edward E., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Sucker-rod elevator. 1,901,339; Mar. 14.
- Stevenson, Frank, West Lawn, assignor to Howard Hosiery Company, Inc., Sinking Springs, Pa. Knitting. 1,897,917; Feb. 14.
- Stevenson, George, assignor of one-half to C. A. Hoover, Richmond, Ind. Automatic temperature control for furnaces. 1,922,403; Aug. 15.
- Stevenson, Horace N., Trenton, N. J. Adjustable spring-board. 1,902,673; Mar. 21.
- Stevenson, James W., Riverside, Calif. Automatic box stack dumper. 1,907,456; May 9.
- Stevenson, James W., Riverside, Calif. Automatic box stack dumper. 1,907,457; May 9.
- Stevenson, James W., Riverside, Calif. Automatic stack dumper. 1,907,458; May 9.
- Stevenson, John F., and G. Bowman, Belfast, Ireland. Jacking device for road vehicles. 1,893,848; Jan. 10.
- Stevenson, Lomas O., Staatsburg, N. Y. Moisture proof cigarette package. 1,917,402; July 11.
- Stevenson, Lomas O., Staatsburg, N. Y. Cigarette Remover. 1,933,770; Nov. 7.
- Stevenson, Margaret A., administratrix. (See Remington, B. F., and Stevenson.)
- Stevenson, Robert E., Indianapolis, Ind. Automobile extensible trunk. 1,921,304; Aug. 8.
- Stevenson, William B. (See Grinnell, C. N., and Stevenson.)
- Stevenson, William N., assignor to American Reenforced Paper Company, Attleboro, Mass. Making composite waterproof sheet material. 1,906,654; May 2.
- Stever, William, Philadelphia, Pa., assignor to The Stratmore Company, Cleveland, Ohio. Abrasive apparatus. 1,928,800; Oct. 3.
- Stevens, Raymond B. (See Feldmeier, H., Wightman, and Stevens.)
- Steward, Edwin L., Conneaut, Ohio. Ice cream mixer. 1,920,605; Aug. 1.
- Steward, Lewis H., assignor to American Hair & Felt Company, Chicago, Ill. Playing surfaces. 1,906,494; May 2.
- Steward, Adelbert B., La Mesa, Calif. Hat and coat hanger. 1,939,027; Dec. 12.
- Steward, Alastair Campbell, Crianlarich, and J. Campbell, Doune, Scotland. Loading platform or like attachment for vehicles. 1,916,869; July 4.
- Steward, Albert C. (See Butts, G. W., and Stewart.)
- Steward, Albert D. (See Hawerlander, Adolf, assignor.)
- Steward, Alexander. (See Steele, A. R., and Stewart.)
- Steward, Andrew H., Shields, Pa. Apparatus for feeding glass. 1,926,823; Sept. 12.
- Steward, Andrew H., Shields, assignor to The Phoenix Glass Company, Monaca, Pa. Sign globe. 1,917,672; July 11.
- Steward, Arthur L., assignor to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 1,940,703; Dec. 26.
- Steward, Arthur L., A. H. Candee, and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 1,937,727; Dec. 5.
- Stewart, Carlton D., Berkeley, assignor to Associated Engineering and Supply Company, San Francisco, Calif. Fluid fuel controller. 1,920,440; Aug. 1.
- Stewart, Carlton D., Berkeley, and H. R. Hughes, Oakland, Calif., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,923,173; Aug. 22.
- Stewart, Charles M., assignor to Gardner-Denver Company, Denver, Colo. Valve. 1,919,602; July 25.
- Stewart, Charles P., Los Angeles, Calif. Ultra-violet ray transmitting material. 1,919,643; July 25.
- Stewart, Charles W., assignor to Hoffman Specialty Company, Waterbury, Conn. Vacuum air valve for vapor heating systems. 1,916,696; July 4.
- Stewart, Clarence B., Port Dover, Ontario, Canada. Net pulling machine. 1,928,117; Sept. 26.
- Stewart, Clyde E., Drexel Hill, Pa., assignor to General Electric Company. Impulse storage mechanism. 1,919,992; July 25.
- Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture and sound record film. 1,921,954; Aug. 8.
- Stewart, Duncan J. (See Colman, H. D., and Stewart.)
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Control for heating systems. 1,901,995; Mar. 21.
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Electric valve operator. 1,903,230; Mar. 28.
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Temperature regulating system. 1,905,011; Apr. 25.
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Alternating current motor. 1,916,909; July 4.
- Stewart, Duncan J., assignor to H. D. Colman, Rockford, Ill. Furnace regulating system. 1,937,601; Dec. 5.
- Stewart, Edgar C., Wichita, Kans. Bulk cement carrier. 1,932,320; Oct. 24.
- Stewart, Edward C., assignor to Tygart Valley Glass Company, Washington, Pa. Method of and apparatus for feeding smelting furnaces. 1,922,827; Aug. 15.
- Stewart, Edward E., Wichita Falls, Tex. Treating hydrocarbons. 1,905,071; Apr. 25.
- Stewart, Elton P., and L. H. Frost, Syracuse, N. Y., assignors to Cement-Gun Company, Inc. Control for nozzle velocity. 1,897,870; Feb. 14.
- Stewart, Fenton, et al. (See Gritt, F. A., and Stewart.)
- Stewart, George E., Los Angeles, Calif. Holder and sterilizer for hair clippers. 1,938,159; Dec. 5.
- Stewart, Hazel, administratrix. (See Hawerlander, Adolf.)
- Stewart, James B., assignor to The Stewart Manufacturing Co., Knoxville, Tenn. Infant corrective device. 1,926,690; Sept. 12.
- Stewart, James S., Sidney, Ohio, assignor to Brenneis Manufacturing Company, Oxnard, Calif. Spring tooth for harrows. 1,914,731; June 20.
- Stewart, James S., assignor to Brenneis Manufacturing Company, Oxnard, Calif. Offset disk harrow. 1,919,080; July 18.
- Stewart, James S., assignor to The Slusser-McLean Scraper Company, Sidney, Ohio. Earth moving device. 1,932,608; Oct. 31.
- Stewart, Jay V., Perry Township, Stark County, assignor of one-half to D. D. Miller, Canton, Ohio. Humidifier. 1,892,686; Jan. 3.
- Stewart, John. (See Gunter, J. E., and Stewart.)
- Stewart, John E. (See Joaquin, N. E., and Praetorius.)
- Stewart, John H., Kansas City, assignor to T. L. McCormick, Jackson County, Mo. Door hanging and securing means. 1,908,929; May 16.
- Stewart, John H., Lynnfield, Mass. Flat-backed counter stiffener for shoes. 1,935,102; Nov. 14.
- Stewart, John O., assignor to one-third to R. T. Robertson and one-third to W. E. Robertson, Casa, Ark. Screw driver. 1,912,317; May 30.
- Stewart, John V. (See Kimmel, I. B., and Stewart.)
- Stewart, Leroy C., and L. De Pree, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing chlorinated aliphatic hydrocarbons. 1,917,073; July 4.
- Stewart Manufacturing Co. (See Stewart, James B., assignor.)
- Stewart, Nelson H., Verona, N. J., assignor to Westinghouse Lamp Company. X-ray cathode shield. 1,920,606; Aug. 1.
- Stewart, Ralph W., Clifton City, Mo. Train order holding means. 1,907,222; May 2.
- Stewart, Richard F., Briarcliff Manor, N. Y. Butter cutting machine. 1,936,042; Nov. 21.
- Stewart, Robert A. (See Graff, L. S., and Stewart.)
- Stewart, Robert S., Brooklyn, N. Y. Reproducing circuit. 1,937,602; Dec. 5.
- Stewart, Roy N., assignor to American Dairy Supply Company, Washington, D. C. Cover-all bottle cap. 1,906,921; May 2.
- Stewart, Theodore D., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring cushion structure. 1,930,697; Oct. 17.
- Stewart, Walter B., Denver, Colo. Closure for collapsible tubes. 1,914,221; June 13.
- Stewart-Warner Corporation. (See Jelen, Matt J., assignor.)
- Stewart-Warner Corporation. (See Oehlsen, George W., jr., assignor.)
- Stewart-Warner Corporation. (See Schulze, William H., assignor.)
- Stewart-Warner Corporation. (See Schweisthal, Fred G., assignor.)
- Stewart-Warner Corporation. (See Tice, Percival S., assignor.)
- Stewart-Warner Corporation. (See Wheeler, Leonard H., assignor.)
- Stewart-Warner Corporation. (See Whitted, John B., assignor.)
- Stewart, William S., Chicago, Ill. Radio receiving apparatus. 1,937,099; Nov. 28.
- Stibbs, Harry, Philadelphia, Pa. Conveyer system. 1,903,488; Apr. 11.
- Sticelber, Merlin A., assignor to The Nafziger Corp., Kansas City, Mo. Engine control means. 1,919,536; July 25.
- Stich, Eugen, Mannheim, Germany. Aerating device. 1,920,719; Aug. 1.
- Stich, Johannes, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft of Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 1,901,133; Mar. 14.

- Stich, Johannes, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Repeater. 1,917,403; July 11.
- Stichler, Charles, Philadelphia, Pa. Scraper. 1,940,107; Dec. 19.
- Stickdorn, Robert, Munich, Germany. Closet flushing apparatus. 1,934,386; Nov. 7.
- Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
- Stickland, Oliver W., and E. Whitworth, Stevenson, Scotland, assignors to Imperial Chemical Industries Ltd. Propellant powder and process of manufacture. 1,923,849; Aug. 22.
- Stickley, Artman R. (See Stickley, Morton D. and A. R.)
- Stickley, John B., Indianapolis, Ind. Steam heating system. 1,940,467; Dec. 19.
- Stickley, Morton D., and A. R. Stickley, Newton, N. J. Tank for cooling milk and the like. 1,936,177; Nov. 21.
- Stickley Brothers Company. (See Youngs, G. L., and Angle, assignors.)
- Stickley, Leopold. (See Hansen, Peter, assignor.)
- Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Type writing machine. 1,909,908; May 16.
- Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Type-writing machine. 1,921,490; Aug. 8.
- Stiefel, Ernst, Bauma, assignor to Swiss Locomotive and Machine Works, Winterthur, Switzerland. Packing. 1,895,497; Jan. 31.
- Stiefel, Ralph C., Ellwood City, Pa. Tube expanding mill. 1,906,286; May 2.
- Stierel, Ralph C., Ellwood City, Pa. Tube-reducing mill. 1,930,698; Oct. 17.
- Stiefenhofer, Ferdinand. (See Goldhammer, L., and Stiefenhofer.)
- Stieff, Chas. M., Inc. (See Bertran, Edward M., assignor.)
- Stieff, Gideon N., Baltimore, Md. Spoon or similar article. Des. 90,220; June 27.
- Stieg, August H. (See Zeier, F. F., and Stieg.)
- Stieger, Ray J. (See D'Andrea, Michael, assignor.)
- Stiemke, Walter H. (See Jett, George C., assignor.)
- Stiepel, Carl, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Unichem Chemikalien Handels A.-G., Zurich, Switzerland. Production of neat's-foot oil equivalents. 1,934,100; Nov. 7.
- Stiff, Fred C. (See Connors, G. H., and Stiff.)
- Stiffler, Ralph L. (See Showers, L. M., and Stiffler.)
- Stiffson, Sidney, New York, N. Y. Buckle. 1,924,295; Aug. 29.
- Stigen, Alf L., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Preparing milk for testing. 1,907,605; May 9.
- Stiles, Alfred L., Bluestem, Wash. Tire chain attachment. 1,914,760; June 20.
- Stiles, Hugh R. (See Legg, D. A., and Stiles.)
- Stiles, Hugh R., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of aliphatic acids. 1,913,346; June 6.
- Stiles, Hugh R., Terre Haute, Ind., and P. W. Wilson, Madison, Wis., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Production of propionic acid. 1,932,755; Oct. 31.
- Stiles, Jot E. (See Hogrefe, W. J., and Stiles.)
- Stiles, Walter L. (See Rader, C. E., and Stiles.)
- Still, Carl, Recklinghausen, Germany. Chamber oven for the production of gas and coke. 1,937,853; Dec. 5.
- Still, Carl, Recklinghausen, Germany. Production of coke and gas in chamber ovens. 1,940,567; Dec. 19.
- Still, Firm Carl. (See Petsch, Herman, assignor.)
- Still, Firm Carl. (See Petsch, Hermann, assignor.)
- Still, W. M., & Sons Limited. (See Adamson, Andrew G., assignor.)
- Stillson, George H., Crockett, Calif. Spray nozzle. 1,936,413; Nov. 21.
- Stilwell, Henry F., San Antonio, Tex. Receiving mail and other matter on aeroplanes while in motion. 1,911,248; May 30.
- Stilwell, Wilson H., Louisville, Ky. Track oiler. 1,930,400; Oct. 10.
- Stimetz, Carl, Cincinnati, Ohio. Vaporizing device for internal combustion engines. 1,897,344; Feb. 14.
- Stimpson, Edwin B., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Slotting machine. 1,893,509; Jan. 10.
- Stimpson, Edwin B., Company (See Stimpson, Edwin B., assignor.)
- Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Bobbin and bobbin clutching spindle. 1,901,538; Mar. 14.
- Stimpson, Wallace I., assignor to Draper Corporation, Hopedale, Mass. Slub catching shuttle. 1,937,072; Nov. 28.
- Stimpson, Walter F., Detroit, Mich. Weighing scale. 1,897,446; Feb. 14.
- Stimpson, Walter F., Detroit, Mich., and M. K. Patten, Dayton, Ohio; said Patten assignor to said Stimpson. Controllable pitch propeller. 1,897,445; Feb. 14.
- Stimpson, Walter F., Detroit, Mich., and W. E. Finch, Bareville, Pa.; said Finch assignor to said Stimpson. Temperature compensating means for weighing scales. 1,921,848; Aug. 8.
- Stimson, Edward E. (See Bader, W., and Stimson.)
- Stimson, Frank G. (See Barber, G. H., Stimson, and Pratt.)
- Stimson, Frank G., Belleville, assignor to Bond Electric Corporation, Jersey City, N. J. Flash-light safety switch. 1,903,947; Apr. 18.
- Stimson, Frank G., Belleville, assignor to Bond Electric Corporation, Jersey City, N. J. Insulated flash light. 1,934,214; Nov. 7.
- Stimson, Jonathan C. (See Sandford, Philip P., assignor.)
- Stimson, Jonathan C., St. Louis, Mo. Process and apparatus for making reflecting devices. 1,906,655; May 2.
- Stindl, Edward, Beloit, Wis. Stepladder extension. 1,895,213; Jan. 24.
- Stine, Anna D., Chicago, Ill. Combination furniture. 1,894,362; Jan. 17.
- Stine, Herbert G., South Orange, N. J., assignor to A. H. Rice Company. Spool for thread. 1,906,495; May 2.
- Stine, Louis B. (See Zinzil, R. H., and Stine.)
- Stine, Ruby P., Shelbyville, Ind. Snath. 1,902,191; Mar. 21.
- Stine, Samuel B., Osceola Mills, Pa. Making screens. 1,922,828; Aug. 15.
- Stine, Walter H., assignor of one-half to Lyman M. King, Jr., Los Angeles, Calif. Piston and ring therefor. 1,901,199; Mar. 14.
- Stine, Wilmer E., and E. A. Smith, Cleveland, Ohio, assignors to The Lincoln Electric Company. Electric arc control. 1,906,496; May 2.
- Stineman, Ralph P., Los Angeles, Calif. Holder for moving picture films. 1,934,245; Nov. 7.
- Stines, Daniel E., Plainfield, N. J., assignor to Standard Oil Development Company. Fractionating process and apparatus. 1,934,101; Nov. 7.
- Stines, Daniel E., Plainfield, and J. W. Packie, Green Village, N. J., assignors to Standard Oil Development Company. Gauge glass. 1,899,886; Feb. 28.
- Stinis, Wed C. (See van der Schans, M., and Hilgers, assignors.)
- Stinson Aircraft Corporation. (See Ayer, Robert W., assignor.)
- Stinson Aircraft Corporation. (See Ronan, Kenneth M., assignor.)
- Stinson, George, Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Baby carriage hood. 1,919,603; July 25.
- Stinson, George, and S. Fred, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Wheel construction. 1,926,602; Sept. 12.
- Stintzing, Hugo, Giessen, and E. Huber, Frankfurt-on-the-Main, Germany. Joint for members provided in a wall separating spaces of different pressures. 1,904,392; Apr. 18.
- Stipe, Lester E. (See Heydthausen, J., and Stipe.)
- Stirlen Engineering & Research Corporation, The. (See Kelly, Frederick G., Jr., assignor.)
- Stirlen Engineering & Research Corporation, The. (See Stirlen, Eugene D., assignor.)
- Stirlen Engineering & Research Corporation. (See Stirlen, E. D., Geer, and Kelly, assignors.)
- Stirlen, Eugene D., New Haven, Conn., assignor to The Stirlen Engineering & Research Corporation. Recorder for traffic signal systems. 1,904,562; Apr. 18.
- Stirlen, Eugene D., C. D. Geer, and F. G. Kelly, Jr., assignors to The Stirlen Engineering & Research Corporation, New Haven, Conn. Traffic control apparatus. 1,908,077; May 9.
- Stirn, F. & A., Corporation. (See Stirn, Ferdinand R., assignor.)
- Stirn, Ferdinand R., Pelham, assignor to F. & A. Stirn Corporation, New York, N. Y. Ornamented felt and felt material. 1,941,281; Dec. 26.
- Stirn, L. & E., Inc. (See Cohen, William, assignor.)
- Stirn, L. & E., Inc. (See Lukas, Julia, assignor.)
- Stirn, L. & E., Inc. (See Reiman, Paul, assignor.)
- Stirn, L. & E., Inc. (See Schweizer, Jack.)
- Stittell, Harry D., Highland Park, Ill. Advertising display device. 1,920,221; Aug. 1.
- Stith, Charles M., Liberal, Kans. Wind board. 1,922,986; Aug. 15.
- Stitt, Roger H. (See Clinton, C. H., Theobald, and Stitt.)
- Stivers, Jake M., Independence, Kans., assignor, by mesne assignments, to M. Hanley, receiver for Equity Finance & Investment Corporation. Abrading device. 1,935,592; Nov. 14.
- Stix, Robert, Vienna, Austria, assignor to Westinghouse Electric & Manufacturing Company. Regenerative braking of single phase commutator motors. 1,899,778; Feb. 28.
- Stobaugh, Thomas T., Carrizo Springs, Tex. Wire fence tool. 1,928,273; Sept. 26.
- Stobie, John W. (See Polier, Ernest, assignor.)
- Stock, Arthur J., Jr., Cleveland, O. Nursery nipple. 1,919,537; July 25.
- Stock, Josef. (See Wilke, K., Stock, and Schubert.)
- Stock, Otto F., assignor to The Julian & Kokenge Co., Columbus, Ohio. Shoe. Des. 90,269; July 4.
- Stock, Raymond G. (See King, L., and Stock.)
- Stöckel, Karl. (See Goebel, Botho, assignor.)
- Stocker, Ernst, Basel, Switzerland, assignor to Munitex Corporation, Paterson, N. J. Treating cellulosic fibers. 1,895,298; Jan. 24.
- Stockfleth, Berger, Niles, Mich., assignor, by mesne assignments, to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Low limit bearing and making same. 1,923,514; Aug. 22.

- Stockham, Herbert C., Birmingham, Ala., assignor to Fred C. Fantz, Webster Groves, Mo. Return bend fitting for cracking coils. 1,935,233; Nov. 14.
- stockholms Bemmjölsfabriks Aktiebolag. (See Eckerbom, Gustaf, assignor.)
- Stocking, William R., assignor to The Williams Brothers Manufacturing Company, Glastonbury, Conn. Plating. 1,922,005; Aug. 8.
- stocklin, Josef, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Protective relay. 1,934,215; Nov. 7.
- stockly, Johann J., Teltow, and E. Witte, Berlin-Lichterfelde, Germany, assignors, by mesne assignments, to American Glanzstoff Corporation, New York, N. Y. Artificial silk. 1,902,529; Mar. 21.
- Stockman, William D., New Orleans, La. Lens protector for head lamps. 1,910,779; May 23.
- Stockman, William M., Chicago, Ill. Bracelet or similar article. Des. 90,634; Sept. 5.
- Stockman, William M., Chicago, Ill. Bracelet or similar article. Des. 90,635; Sept. 5.
- Stockmeyer, Friedrich W., Vaihingen, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Lighter burner. 1,931,462; Oct. 17.
- Stockmeyer, Walter. (See Berthold, R. G., and Stockmeyer.)
- Stocks, Harry B., South Tottenham, assignor to A. J. Munro and T. D. Parkin, London, England. Reproduction of sounds. 1,910,637; Apr. 11.
- Stocks, Leon J., Philadelphia, Pa. Machine for inserting articles in envelopes. 1,932,052; Oct. 24.
- Stockton, Franklin, Pittsburgh, Pa., assignor to American Sheet and Tin Plate Company. Removal of oxides from ferrous metal. 1,899,734; Feb. 28.
- Stockton, Jack P., Spring Lake, N. J. Theater. 1,903,948; Apr. 18.
- Stoddard, Charles F., assignor of one-half to R. S. Grogan, Chicago, Ill. Laundry tub. 1,931,632; Oct. 24.
- Stoddard, Charles F., assignor of one-half to Robert S. Grogan, Chicago, Ill. Leg mounting for furniture. 1,934,746; Nov. 14.
- Stoddard, Edgar S. (See Hilpert, W. S., and Stoddard.)
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 1,902,192; Mar. 21.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Washing machine. 1,902,193; Mar. 21.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 1,905,523; Apr. 25.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 1,923,401; Aug. 22.
- Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 1,937,100; Nov. 28.
- Stoddard, Elliott J., Highland Park, Mich. Apparatus for obtaining power from compressed air. 1,926,463; Sept. 12.
- Stoddard, Francis O., San Diego, Calif. Electrical plug and socket. 1,910,482; May 23.
- Stoddard, George C., Burlingame, Calif., assignor to The De Laval Separator Company, New York, N. Y. Sterilizer. 1,914,334; June 13.
- Stoddard, Richard H., Lowville, N. Y. Edge trimming tool. 1,915,557; June 27.
- Stoddard, Robert, assignor to Milk Bottle Crate Company, Chicago, Ill. Milk bottle crate. 1,907,606; May 9.
- Stoddard, William B., Stamford, Conn., T. H. Geiser, New York, N. Y., and L. M. Burgess, Shrewsbury, Mass., assignors, by mesne assignments, to Tung Oil Products, Inc. Treating tung oil. 1,924,524; Aug. 29.
- Stoddard, William B., Jr., and W. F. Greenwald, assignors to V. J. Thill, New York, N. Y. Preparation for coloring hair. 1,937,369; Nov. 28.
- Stoecker, Dewald, Aberdeen, S. Dak. Nonleak accordion pad. 1,893,453; Jan. 3.
- Stoecklin, Josef. (See Matthey-Doret, A., and Stoecklin.)
- Stoecklin, Josef, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Distance relay for electric lines. 1,905,609; Apr. 25.
- Stoecklin, Josef, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Protective system for electric circuits. 1,919,914; July 25.
- Stoecklin, Josef, Zurich, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Selective relays for alternating current networks which is dependent on resistance. 1,925,469; Sept. 5.
- Stockely, Johann J., Teltow Seehof near Berlin, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Collapsible reel. 1,907,895; May 9.
- Stockely, Johann J., and R. Bartunek, Teltow Seehof near Berlin, Germany, assignors to American Glanzstoff Corporation, New York, N. Y. Maintaining the composition of viscose precipitating baths containing magnesium sulphate. Re18,802; Apr. 25.
- Stoefen, Robert R., Los Angeles, Calif. Color light projector. 1,895,690; Jan. 31.
- Stoeger, Anton, Elmhurst, N. Y. Auxiliary calling dial. 1,906,656; May 2.
- Stoeke, Erwin R., assignor to Central Radio Laboratories, Milwaukee, Wis. Broad band frequency responsive means. 1,897,082; Feb. 14.
- Stoer, Charles H. (See Putney, Charles L., assignor.)
- Stoer, John A., assignor to William F. J. Fienup, St. Louis, Mo. Toy drum. 1,914,652; June 20.
- Stoerkel, Norman L., Pittsburgh, Pa. Spring unit. 1,927,722; Sept. 19.
- Stoessel, Max, Ridgewood, N. J., assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Web printing. 1,934,775; Nov. 14.
- Stoessel, Max, Ridgewood, N. J., assignor, by mesne assignments, to Shellmar Products Company, Chicago, Ill. Machine for printing webs. 1,934,776; Nov. 14.
- Stoesser, Sylvia M. (See Greb, J. J., and Stoesser.)
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Separating cuprous and ammonium chlorides. 1,893,969; Jan. 10.
- Stoetzel, Joseph J., Queens Village, assignor to G & G Atlas Systems, Inc., New York, N. Y. Pneumatic dispatch system valve. 1,904,098; Apr. 18.
- Stoewener, Fritz. (See Koenig, J., and Stoewener.)
- Stoffel, Otto, C. Roesch, and C. Sudhaus, Remscheid, Germany, assignors to The Linde Air Products Company. Heat treatment of crank shafts. 1,924,296; Aug. 29.
- Stoffel, Simon H., assignor to N. V. Machinefabriek Reineveld, Haagweg, Delft, Netherlands. Washing machine. 1,925,061; Aug. 29.
- Stogner, Lawrence B., assignor to Sonoco Products Company, Hartsville, S. C. Grinding machine. 1,921,333; Aug. 8.
- Stogoff, Peter E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Sorting system. 1,926,824; Sept. 12.
- Stöhr, Erich, assignor to the Firm Gyrorector G. m. b. H., Berlin, Germany. Gyroscopically stabilized pendulum. 1,903,710; Apr. 11.
- Stöhr, Josef, Waldshut, assignor to the Firm of Lonza-Werke Elektrochemische Fabriken G. m. b. H., Waldshut-Badenia, Germany. Preparation of alkaline earth aluminates. 1,916,697; July 4.
- Stöhr, Max, Berlin-Spandau, Germany, assignor to General Electric Company. Regulating system. 1,921,710; Aug. 8.
- Stoik, Theodor, Berlin, Germany. Racket press. 1,923,802; Aug. 22.
- Stokby, Axel S., Jackson Heights, assignor to Lido Folding Rest Company, Inc., New York, N. Y. Folding chair. 1,915,504; June 27.
- Stokeley, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,910,972; May 23.
- Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,895,013; Jan. 24.
- Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 1,923,174; Aug. 22.
- Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-switch-controlling apparatus. 1,925,345; Sept. 5.
- Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signal system for railways. 1,936,313; Nov. 21.
- Stokes, Charles L., Los Angeles, Calif., assignor, by mesne assignments, to L. A. Williams, Evanston, and C. C. Bradbury, Glencoe, Ill., trustees. Combined primer and cylinder lubricator for internal combustion engines. 1,904,936; Apr. 18.
- Stokes, Charles L., Los Angeles, Calif., assignor, by mesne assignments, to L. A. Williams, Evanston, Ill., and C. C. Bradbury, Glencoe, Ill., trustees. Automatic fuel regulator for internal combustion engines. 1,920,487; Aug. 1.
- Stokes, Clyde M. (See Stokes, Evans, and C. M.)
- Stokes, Evans, and Clyde M. Stokes, Anna, Ill. Self-adjusting equalizer for brakes. 1,915,207; June 20.
- Stokes, F. J., Machine Co. (See Silver, John A., assignor.)
- Stokes, F. J., Machine Company. (See Sleeper, O. S., and Westin, assignors.)
- Stokes, Harold E., Murrysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Power transmission system. 1,916,447; July 4.
- Stokes, Irene T., Ripley, and A. G. Ionides, Dunstable, England. Electric heating or cooking apparatus for food. 1,893,253; Jan. 3.
- Stokes, James B. (See Stokes, Robert H. and J. B.)
- Stokes, John C., Houston, Tex. Slip. 1,923,283; Aug. 22.
- Stokes, John C., Houston, Tex. Drill bit. 1,940,890; Dec. 26.
- Stokes, John S., et al. (See Kuzmick, Joseph N., assignor.)
- Stokes, John S. (See Novotny, Emil E., assignor.)
- Stokes, John S., et al. (See Novotny, E. E., and Kuzmick, assignors.)
- Stokes, John S. (See Novotny, E. E., and Wilson, assignors.)
- Stokes, John S. (See Shaw, Louis E., assignor.)
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Box. 1,895,090; Jan. 24.
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Composite box. 1,897,826; Feb. 14.
- Stokes, John S., Huntingdon Valley, Pa., assignor to Stokes and Smith Company, Philadelphia, Pa. Box. 1,911,212; May 30.

- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Forming composite boxes. 1,919,604; July 25.
- Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Laminated box. 1,922,506; Aug. 15.
- Stokes, Jos., Rubber Co. (See Gunkel, Paul G. E., assignor.)
- Stokes, Joseph, Rubber Company. (See Gunkel, Paul O., assignor.)
- Stokes, Richard A. and E. G. I. Roberts, London, England. Apparatus for the evaporation of liquids. 1,919,400; July 25.
- Stokes, Robert H. and J. B., Lufkin, Tex. Pumping unit. 1,901,827; Mar. 14.
- Stokes and Smith Company. (See Federwitz, Theodore A., assignor.)
- Stokes & Smith Company. (See Federwitz, T. A., and Bailey, assignors.)
- Stokes and Smith Company. (See Remington, Joseph P., assignor.)
- Stokes & Smith Company. (See Rider, Ernest G., assignor.)
- Stokes and Smith Company. (See Rider, E. G., and Bailey, assignors.)
- Stokes and Smith Company. (See Stokes, John S., assignor.)
- Stokes, William E., Brooklyn, assignor to Royal Baking Powder Company, New York, N. Y. Amylaceous products and preparing the same. 1,939,236; Dec. 12.
- Stokes, William E., Brooklyn, N. Y., and C. T. Whittier, Nutley, N. J., assignors to Royal Baking Powder Company, New York, N. Y. Manufacturing acid phosphate. 1,924,137; Aug. 29.
- Stoler, Edward W., Mansfield, Ohio, assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Divided spoke for metal wheels. 1,934,102; Nov. 7.
- Stolfa, Hermann and R. Zwerina, Vienna, Austria. Rocket. 1,901,852; Mar. 14.
- Stoll, Albert, Koblenz, Switzerland. Pedestal for articles of furniture, such as mounted chairs, tables, and the like. 1,937,254; Nov. 28.
- Stoll, Albert, assignor to National Machine Products Company, Detroit, Mich. Apparatus for making lock washers. 1,902,269; Mar. 21.
- Stoll, Arthur, and E. Rothlin, assignors to the Firm of "Chemical Works formerly Sandoz", Basel, Switzerland. Supersaturated calcium gluconate solution. 1,904,257; Apr. 18.
- Stoll, Edgar A., South Bend, Ind. Method and apparatus for reducing fuel oil or the like to a comminuted condition. 1,905,610; Apr. 25.
- Stoll, Fred C., Vancouver, Wash. Barrel painting machine. 1,931,170; Oct. 17.
- Stoll, Fred C., Vancouver, Wash., and C. W. Jones, Portland, Oreg. Machine for dehydrating pomace. 1,926,215; Sept. 12.
- Stoll, Julius E., assignor to Pabst Corporation, Milwaukee, Wis. Liquid level control apparatus. 1,899,063; Feb. 28.
- Stoll, Julius E., Milwaukee, Wis., assignor, by mesne assignments, to Premier-Pabst Corporation. Apparatus for applying covers to containers. 1,925,117; Sept. 5.
- Stoll, Julius E., Milwaukee, Wis., assignor, by mesne assignments, to Premier-Pabst Corporation. Cheese cutting apparatus. 1,935,676; Nov. 21.
- Stoller, Hugh M., assignor to Western Electric Company, New York, N. Y. Electric regulator. 1,895,498; Jan. 31.
- Stoller, Hugh M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric regulator. 1,930,911; Oct. 17.
- Stoller, Hugh M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric regulator. 1,936,692; Nov. 28.
- Stollsteimer, Frederick J., assignor to C. V. Hill & Co., Inc., Trenton, N. J. Preventing frosting or condensation of moisture on glass or other surfaces. 1,894,205; Jan. 10.
- Stolp, Franz, Berlin-Pankow, assignor to Siemens and Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Spool for electrical coils. 1,895,776; Jan. 31.
- Stolp, Ira G., assignor of one-half to N. D. Stolp, Montebello, Calif. Poultry feeder. 1,907,372; May 2.
- Stolp, Norman D. (See Stolp, Ira G., assignor.)
- Stols, Frierich K. Böttcher, V. Hallensleben, Frankfort-on-the-Main-Hochst, and W. Krohs, Bad-Soden, Germany, assignors, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Preparing amino alcohols. 1,913,520; June 13.
- Stolte, Richard C., Lansing, assignor to General Motors Corporation, Detroit, Mich. Flexible spring shackle mounting. 1,929,796; Oct. 10.
- Stoltenberg, Hugo A. (See Beck, U. R., and Stoltenberg.)
- Stolz, Catherine, Dayton, Ohio. Lady's undergarment. 1,917,908; July 11.
- Stolz, Friedrich, and J. Hallensleben, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing levo-1-phenyl-2-methylamino-propanol-1. 1,927,961; Sept. 26.
- Stolz, Friedrich, and F. Flaecher, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Optically active 1-phenyl-2-(N-methyl-N-alkyl-) aminopropanols-1 and optically active 1-phenyl-2-(N-methyl-) aminopropanol-1 and preparing them. 1,934,015; Nov. 7.
- Stolze, Heinrich, Schwanebeck, near Oschersleben, Germany. Beet-root harvesting machine. 1,934,757; Nov. 14.
- Stolzenburg, Ferdinand, and H. F. King, San Diego, Calif., assignors to King Self-Service Electric Diner Inc., Ltd. Heated table. 1,893,454; Jan. 3.
- Stonberg, Samuel, Philadelphia, Pa. Floating opal and the like. 1,912,602; June 6.
- Stone, Albert A., London, England. Sheet feeding mechanism. 1,893,455; Jan. 3.
- Stone, Albert A., Deptford, London, England. Mechanical movement. 1,896,732; Feb. 7.
- Stone, Albert L. (See Stone, Frederick and A. L., Dale, Nielson, Silent, and Maier.)
- Stone, Barbara, New York, N. Y. Trouser construction for retaining shirt fronts. 1,939,835; Dec. 19.
- Stone, Cecil F. (See Underwood, W. L., and Stone.)
- Stone, Charles W. (See Willis, C. H., and Stone.)
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Color analyzer. 1,894,132; Jan. 10.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electrical distribution system. 1,911,043; May 23.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electric distribution system. 1,915,074; June 20.
- Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Electric distribution system. 1,920,814; Aug. 1.
- Stone, Donald D., Flint, assignor to General Motors Corporation, Detroit, Mich. Vibration eliminator. 1,929,797; Oct. 10.
- Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Padlock. 1,920,116; July 25.
- Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Spare wheel lock. 1,921,434; Aug. 8.
- Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Padlock. 1,921,435; Aug. 8.
- Stone, Enoch G., Yukon, Okla. Cotton and sorghum head gathering device. 1,897,447; Feb. 14.
- Stone, Frederick, assignor to Doheny-Stone Drill Co., Los Angeles, Calif. Sand reel. 1,898,067; Feb. 21.
- Stone, Frederick, assignor to Doheny-Stone Drill Co., Los Angeles, Calif. Well pipe joint. 1,932,427; Oct. 31.
- Stone, Frederick, Los Angeles, A. L. Stone, Redondo, C. R. Dale, Hollywood, L. C. Nielson and R. A. Silent, Los Angeles, and A. R. Maier, Oakland, assignors, by mesne assignments, to Hydril Company, Los Angeles, Calif. Orientation recorder for wells. 1,938,872; Dec. 12.
- Stone, Frederick, Los Angeles, A. L. Stone, Redondo, C. R. Dale, Hollywood, L. C. Nielson, and R. A. Silent, Los Angeles, Calif., and A. R. Maier, Braddock, Pa., assignors, by mesne assignments, to Hydril Company, Los Angeles, Calif. Inclination recorder for wells. 1,938,873; Dec. 12.
- Stone, George, Madison, Wis., assignor to Burgess Battery Company. Dry cell. 1,908,194; May 9.
- Stone, Guy A., Ann Arbor, Mich., assignor to Central Scientific Company, Chicago, Ill. Process and apparatus for making electrical measurements. 1,919,538; July 25.
- Stone, Herbert G. (See White, J. C., and Stone.)
- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Neutralization of pyroigneous acid. 1,917,338; July 11.
- Stone, Herbert G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Dehydrating aqueous solutions containing propionic acid. 1,939,237; Dec. 12.
- Stone, Ira F. (See Howell, B. G., and Stone.)
- Stone, J., & Company. (See Foale, Herbert, assignor.)
- Stone, J., & Company, Limited. (See Ash, A. L., and Watkins, assignors.)
- Stone, J., & Company, Limited. (See Hatcher, Ernest C., assignor.)
- Stone, J., & Company Limited. (See Honey, Alfred E., assignor.)
- Stone, John S. (See Petrus, John B., assignor.)
- Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Apparatus and method for radio transmission and reception. 1,919,309; July 25.
- Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Antenna array. 1,922,115; Aug. 15.
- Stone, John S., San Diego, Calif., assignor to American Telephone Company. Antenna array. 1,922,116; Aug. 15.
- Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Sound amplifier. 1,929,569; Oct. 10.
- Stone, Junius H., Port Washington, N. Y. Building structure. 1,932,941; Oct. 31.
- Stone, Leland F. (See Dowell, H. L., and Stone.)
- Stone, Leland F., Congers, N. Y., assignor to General Electric Company. Electric measuring instrument. 1,936,414; Nov. 21.
- Stone, Malcolm B., Milton, and W. P. Williamson, Ludlow, assignors to Ludlow Manufacturing Associates, trustees, Boston, Mass. Manufacture of yarn. 1,893,809; Jan. 10.

- Stone, Morris, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Measuring apparatus. 1,918,001; July 11.
- Stone, Nathaniel B., Washington, D. C. Recoil buffer for cutter bars. 1,895,840; Jan. 31.
- Stone, R. Harry, Irvington, N. J., assignor to Titeflex Metal Hose Co. Die. 1,905,762; Apr. 25.
- Stone, R. Harry, Irvington, N. J., assignor to Titeflex Metal Hose Co. Flexible tube. 1,923,693; Aug. 22.
- Stone, Robert R., Washington, D. C. Combined smoking pipe and lighter. 1,938,874; Dec. 12.
- Stone, Stanley J. (See Hawksworth, D. W., and Stone.)
- Stone Straw Corporation. (See Miller, Gideon B., jr., assignor.)
- Stone Straw Corporation. (See Singer, Nathan, assignor.)
- Stone, Thomas E., jr. (See Deisch, Noel, assignor.)
- Stone, Thomas W., Fort Wayne, Ind., assignor to The Western Gas Construction Company. Tar batter. 1,895,218; Jan. 24.
- Stone, Thomas W., Fort Wayne, Ind., assignor to The Western Gas Construction Company. Method of and apparatus for measuring gases. 1,924,468; Aug. 29.
- Stone, Thomas W., Fort Wayne, Ind., assignor to The Western Gas Construction Company. Fluid measuring apparatus. 1,927,577; Sept. 19.
- Stonebraker, Harold E., Rochester, N. Y. Thermometer case. 1,919,811; July 25.
- Stonebraker, Harold E., assignor to Gleason Works, Rochester, N. Y. Gear cutting mechanism. 1,893,043; Jan. 3.
- Stonebridge, George E., jr., New York, N. Y., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,927,531; Sept. 19.
- Stoner-Ames Brake Company. (See Poulet, Edouard, assignor.)
- Stoner-Ames Brake Company, Inc. (See Stoner, George H., assignor.)
- Stoner, Elmer E., Stroudsburg, Pa. Swimming machine. 1,920,036; July 25.
- Stoner, George H., assignor to Stoner-Ames Brake Company, Inc., Boston, Mass. 1,934,246; Nov. 7.
- Stoner, Willis G., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation, Detroit, Mich. Apparatus for lining brake shoes. 1,910,507; May 23.
- Stoner, Willis Gordon, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, as trustee for Steeldraulic Brake Corporation, Detroit, Mich. Method and apparatus for lining brake shoes. 1,923,462; Aug. 22.
- Stoody Company. (See Genuit, John W., assignor.)
- Stoody Company. (See Stoody, Winston F., assignor.)
- Stoody, Winston F., assignor to Stoody Company, Whittier, Calif. Tough tungsten carbide alloy. 1,924,384; Aug. 29.
- Stoops, Buren I., Kenil, N. J., assignor to Hercules Power Company, Wilmington, Del. Impregnated material and method of impregnation. 1,908,569; May 9.
- Stoops, Merle J., Bladell, N. Y. Coating mixture. 1,915,391; June 27.
- Stoot, Frans L., et al. (See Sanders, Ludwig A., assignor.)
- Storch, Henry H., Highland Park, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Catalyst. 1,937,728; Dec. 5.
- Storch, Karl D., Pittsburgh, Pa. Support for automobile hoods. 1,917,074; July 4.
- Storch, Samuel, Brooklyn, N. Y. Compact. 1,919,486; July 25.
- Storck, Adam, et al. (See Howell, Harry L., assignor.)
- Storck, Frederick W., Somerville, assignor to Standard Mailing Machines Company, Everett, Mass. Copy-holder. 1,918,217; July 11.
- Storck, Frederick W., West Somerville, assignor to Standard Mailing Machines Company, Everett, Mass. Multiplying device. 1,926,317; Sept. 12.
- Storek, Ignaz, the Firm. (See Oplussstil, Gustav, assignor.)
- Storen, James A., Watervliet, N. Y. Game apparatus. 1,925,213; Sept. 5.
- Storey, Oliver W., assignor, by mesne assignments, to Burgess Battery Co., Madison, Wis. Dry battery. 1,916,698; July 4.
- Storey, Oliver W., and C. A. Silver, deceased, by B. Silver, administratrix, assignors to C. F. Burgess Laboratories, Inc., Madison, Wis. Manufacture of electrodes. 1,899,064; Feb. 28.
- Storey, Ralph C. (See Ellis, G. H., Olpin, and Storey.)
- Storey, William H., Southend-on-Sea, England. Appliance for playing games. 1,903,661; Apr. 11.
- Stork, Fred W., et al. (See Arlt, John L., assignor.)
- Stork, Richard, Greenwich, Conn. Transplanter. 1,895,214; Jan. 24.
- Storle, Ole O., Tacoma, Wash. One sleeve combustion engine. 1,914,792; June 20.
- Storm, Adolph, and T. Thorsen, assignors to Storm Manufacturing Co., Inc., Minneapolis, Minn. Lathe dead center actuating device. 1,900,261; Mar. 7.
- Storm, Adolph, and T. Thorsen, assignors to Storm Manufacturing Co., Inc., Minneapolis, Minn. Clutch. 1,900,312; Mar. 7.
- Storm, Adolph, and T. Thorsen, assignors to Storm Manufacturing Co., Inc., Minneapolis, Minn. Piston turning and grinding machine. 1,907,938; May 9.
- Storm, Adolph, and Thor Thorsen, assignors to Storm Manufacturing Co., Inc., Minneapolis, Minn. Bed support for lathes, grinders, and the like. 1,914,586; June 20.
- Storm, Adolph, and T. Thorsen, assignors to Storm Manufacturing Co., Inc., Minneapolis, Minn. Tailstock for lathes, grinders, and the like. 1,922,404; Aug. 15.
- Storm Manufacturing Co. (See Storm, A., and Thorsen, assignors.)
- Storm Manufacturing Company. (See Thorsen, Thor, assignor.)
- Storm, Raymond W., Pelham Manor, N. Y. Flooring. 1,940,377; Dec. 19.
- Storm, Walter H., New York, N. Y. Waterproofing. 1,925,214; Sept. 5.
- Stormonth, James, Epping, New South Wales, Australia. Reclaiming oils. 1,903,370; Apr. 4.
- Storms, Earl W., Los Angeles, Calif. Receptacle lock. 1,920,813; Aug. 1.
- Stortz, John H., Philadelphia, Pa. Machine for making pasteboard boxes. 1,899,652; Feb. 28.
- Story, Ella D., Tyler, Tex. Shopping bag. 1,924,006; Aug. 22.
- Story, LeRoy G. (See Bennett, H. T., and Story.)
- Story, Walter D. (See Williams, G. T., and Story.)
- Storz, Leon A. (See Ogg, W., and Storz.)
- Stössel, Georg, Cologne, Germany. Stringed musical instrument. 1,931,418; Oct. 17.
- Stott, Frederick R. L. (See Todd, W. E. A., and Stott.)
- Stötter, Herman. (See Hentrich, W., Hardtmann, Backes, and Stötter.)
- Stötter, Hermann. (See Weiler, M., Berres, Wenk, and Stötter.)
- Stotzer, Fritz, and S. Nann, San Francisco, Calif. Folding portable house. 1,912,502; June 6.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 1,899,648; Feb. 28.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Matrix cabinet. 1,902,425; Mar. 21.
- Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 1,910,570; May 23.
- Stough, Charles R., assignor to Motor Wheel Corporation, Lansing, Mich. Pressed steel hub. 1,895,499; Jan. 31.
- Stough, Charles R., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel hub cap. 1,908,570; May 9.
- Stout, Claude S., assignor to Marshall Furnace Company, Marshall, Mich. Hot air heating system. 1,904,962; Apr. 18.
- Stout, Doyle A. (See Miller, R. M., Schenler and Stout.)
- Stout, Elmer W. (See Westlund, A. F., and Murphy, assignors.)
- Stout, Harry H., jr. (See Osborn, W. H., and Stout.)
- Stout, Harry H., Ardsley on Hudson, assignor to Copper Deoxidation Corporation, New York, N. Y. Coalescence of metals. 1,913,133; June 6.
- Stout, Howard O., Blackwell, Okla. Automatic shut-off gas valve. 1,911,590; May 30.
- Stout Manufacturing Company. (See Otto, Gerald L., assignor.)
- Stout, Stanley W., assignor of one-fourth to Josie McKay Gordon, Flint, Mich. Alarm mechanism. 1,937,134; Nov. 28.
- Stout, William B., Detroit, Mich. Control device. 1,928,915; Oct. 3.
- Stover, Carl M., and J. W. Wright, Oakland, Calif. Outboard motor steering device. 1,898,150; Feb. 21.
- Stover, Clayton D., Butler, assignor to A. A. Hoffman, Pittsburgh, Pa. Lubricating device. 1,933,191; Oct. 31.
- Stover, Frank E., Springfield, Ohio. Incubator. 1,926,464; Sept. 12.
- Stover, Frank E., assignor to The Bundy Incubator Company, Springfield, Ohio. Method and apparatus for incubation of eggs. 1,911,249; May 30.
- Stover, Frank E., assignor to The Bundy Incubator Company, Springfield, Ohio. Incubator. 1,911,250; May 30.
- Stover, Oscar H., Buffalo, N. Y. Anæsthetic. 1,907,392; May 2.
- Stover, Russell, Denver, Colo. Packing table for candy makers. 1,898,151; Feb. 21.
- Stover, Russell, Kansas City, Mo. Dipping centers. 1,931,302; Oct. 17.
- Stow Manufacturing Company. (See Hotchkiss, Clarence F., jr., assignor.)
- Stowe, Eric L., Torrington, assignor to The American Brass Company, Waterbury, Conn. Feed mechanism for swaging machines. 1,894,800; Jan. 17.
- Stowe-Woodward, Inc. (See Bates, Sulley J., assignor.)
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Scraper. 1,906,657; May 2.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Folding rule. 1,907,459; May 9.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Scraper. 1,917,779; July 11.
- Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Punch. 1,940,438; Dec. 19.
- Stowell, Byron F., assignor to Van Norman Machine Tool Company, Springfield, Mass. Carriage positioning mechanism for grinding machines. 1,918,147; July 11.
- Stowell, Byron F., assignor to Van Norman Machine Tool Company, Springfield, Mass. Automatic feed for grinding machines. 1,926,603; Sept. 12.

- Straatman, Alphons G. H., assignor to Naamlooze Vennootschap de Bataafische Petroleum Maatschappij, The Hague, Netherlands. Apparatus for the orientation of drill cores. 1,897,871; Feb. 14.
- Straatman, Alphons G. H., assignor to Naamlooze Vennootschap de Bataafische Petroleum Maatschappij, The Hague, Netherlands. Obtaining orientated drill cores. 1,897,872; Feb. 14.
- Strachan, Thomas H., assignor to Dayton Scale Company, Dayton, Ohio. Counter scale. 1,896,258; Feb. 7.
- Strachan, Thomas H., assignor to Dayton Scale Company, Dayton, Ohio. Poise attachment. 1,921,436; Aug. 8.
- Strachan, Thomas H., Lynbrook, N. Y., assignor to Dayton Scale Company, Dayton, Ohio. Safety device for food slicers. 1,914,386; June 20.
- Strack, Eric W., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Yarn sheet cutting mechanism. 1,931,332; Oct. 17.
- Stradling, Bertha M., Blair, Nebr. Corset-measuring device. 1,935,998; Nov. 21.
- Stradling, Robert W., Eaton, Ind. Watering device. 1,892,909; Jan. 3.
- Stratford, Norman, Crumpsall, Manchester, England, assignor to Imperial Chemical Industries Ltd. Resin and varnish. 1,928,739; Oct. 3.
- Strahm, Allen D., assignor to Snappies, Inc., Tulsa, Okla. Clasp. 1,916,540; July 4.
- Strahm, Andre. (See Lipmann, C., Strahm, and Quinche.) Oct. 31.
- Strai, Bernhard, Elmwood Park, Ill. Switch. 1,933,285; Straight, Herbert D., Grand Rapids, Mich., assignor to The Koppers Company of Delaware. Method of and apparatus for gas distribution. 1,932,537; Oct. 31.
- Straight-Side Basket Corporation, The. (See Hogue, Clayton M., assignor.)
- Strait, Donald W., assignor to Corning Glass Works, Corning, N. Y. Ribbon forming mechanism for glass working machines. 1,911,591; May 30.
- Strait, Ralph H., Ligonier, Ind., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Decorating refrigerated containers. 1,894,476; Jan. 17.
- Straitz, John F., Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Char retort. 1,917,339; July 11.
- Strama, John. (See Follman, J. M. G., and Strama, assignors.)
- Stramaglia, Nicola, Chicago, Ill. Supporting device. 1,911,294; May 30.
- Stramaglia, Nicola, and T. Schillaci, Chicago, Ill. Laundry machine. 1,904,099; Apr. 18.
- Strand, Carl E., East Cleveland, Ohio. Door stabilizing catch. 1,917,740; July 11.
- Strand, Loyd M., assignor to A. J. Cline, Chicago, Ill. Method and apparatus for making pasters between the webs of successive rolls of paper supplying a printing press. 1,895,425; Jan. 24.
- Strandlund, Carl G. (See Brown, T., Strandlund, and Silver.)
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 1,892,753; Jan. 3.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Automatic depth control for plows. 1,901,134; Mar. 14.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Cultivator. 1,905,524; Apr. 25.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hitch device. 1,919,915; July 25.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Lister cultivator. 1,928,321; Sept. 26.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 1,928,955; Oct. 3.
- Strandlund, Carl G., and S. M. Madill, assignors to Deere & Company, Moline, Ill. Plow. 1,922,222; Aug. 15.
- Strandlund, Carl G., and J. Peterson, assignors to Deere & Company, Moline, Ill. Cultivator. 1,928,954; Oct. 3.
- Strandt, Gustave E., Milwaukee, Wis. Locking device for doors. 1,895,594; Jan. 31.
- Strandt, Gustav E., Milwaukee, Wis. Gate structure. 1,895,595; Jan. 31.
- Strang, John J. (See Brus, E. P., and Strang.)
- Strang, John J., and E. P. Brus, Kansas City, Mo. Air conditioning device. 1,933,771; Nov. 7.
- Strang, Stephen T., Canton, Ohio. Cord retriever. 1,936,463; Nov. 21.
- Strange, Edwin B., Gordonsville, Va. Carrier for egg cartons. 1,918,993; July 18.
- Stransky Products Corporation. (See Weil, William H., assignor.)
- Stransky, Stephen, Darby, Pa. Collapsible inclosed screened seat. 1,926,796; Sept. 12.
- Strasberger, Max J., Brooklyn, N. Y. Combination indicator and score keeping device for bridge games or similar article of manufacture. Des. 89,597; Apr. 11.
- Strasberger, Max J., Brooklyn, N. Y. Combination indicator and score keeping device for bridge games. 1,933,487; Oct. 31.
- Strasburger, Lee L., Atlanta, Ga. Apparatus for producing suds. 1,905,953; Apr. 25.
- Strass, Edward M., assignor to Wallich Ice Machine Company, Detroit, Mich. Display counter. 1,907,680; May 9.
- Strass, Walter A., Baltimore, Md. Dress ensemble. Des. 89,656; Apr. 18.
- Strasser, Rosetta R., New York, N. Y. Smoker's finger glove. 1,902,426; Mar. 21.
- Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Treating lubricating distillates. 1,927,853; Sept. 26.
- Stratford Development Corporation. (See Stratford, Charles W., assignor.)
- Stratford, Herbert R., assignor to The Stratmore Company, Cleveland, Ohio. Surfacing. 1,900,313; Mar. 7.
- Stratford, Reginald K., and W. F. Doohan, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Removing corrosive sulphur from hydrocarbon oils. 1,904,173; Apr. 18.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Fractionation. 1,927,652; Sept. 19.
- Stratford, William M., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,930,730; Oct. 17.
- Strathmore Paper Company. (See Sanburn, Justus C., assignor.)
- Stratmore Company, The. (See Stever, William, assignor.)
- Stratmore Company, The. (See Stratford, Herbert R., assignor.)
- Stratta, Rainero. (See Nahman, G., Stratta, and Verazzia.)
- Stratner, Frederick. (See Keebler, H. M., and Strattner.)
- Stratton, Edward F., Spring City, Pa. Apparatus for molding pipe. 1,929,336; Oct. 3.
- Stratton, Frank E., Edgewood, assignor to Diamond Machine Co., Providence, R. I. Machine tool. 1,899,362; Feb. 28.
- Stratton, Frank E., Edgewood, assignor to Diamond Machine Co., Providence, R. I. Coolant supply for machine tools. 1,938,875; Dec. 12.
- Stratton, George O., Antigo, Wis. Auxiliary spring bumper for vehicles. 1,937,854; Dec. 5.
- Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Moving vane instrument. 1,940,334; Dec. 19.
- Stratton, Mark H., Ridgewood, and W. N. Lurcott, Elizabeth, N. J., assignors to Griplock, Inc., New York, N. Y. Wire tying tool. 1,912,865; June 6.
- Straub, Francis J., and J. T. Weinzierl, New Kensington, Pa. Automobile drive mechanism. 1,910,188; May 23.
- Straub, Francis J., New Kensington, J. M. Marshall, and S. L. Cyphers, Philadelphia, Pa., assignors to Crozer-Straub, Inc., New York, N. Y. Block making machine. 1,936,216; Nov. 21.
- Straub, Frederick A. (See Grayson, J. H. and Straub.)
- Straub, Frederick G. (See Parr, S. W., and Straub.)
- Straub, Fritz, and H. Mayer, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuff containing metal and making same. 1,895,559; Jan. 31.
- Straub, Fritz, and W. Widmer, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo-dyestuffs and making same. 1,898,911; Feb. 21.
- Straub, Fritz, Basel, and H. Schneider, Riehen near Basel, assignors to Societe of Chemical Industry in Basle, Basel, Switzerland. Dyeing animal fibers fast tints. 1,903,884; Apr. 18.
- Straub, Fritz, and H. Mayer, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs containing chromium and making same. 1,908,571; May 9.
- Straub, Fritz, Basel, and H. Sneider, Riehen, near Basel, assignors to Societe of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs containing chromium and making same. 1,914,052; June 13.
- Straub, Fritz, and E. Brunner, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Chromiferous azo-dyestuffs and making same. 1,918,002; July 11.
- Straub, Fritz, Basel, and H. Schneider, Riehen near Basel, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs containing chromium and making same. 1,918,938; July 18.
- Straub, Fritz, Basel, and W. Hanhart, Riehen, near Basel, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous azo-dyestuffs and making same. 1,936,276; Nov. 21.
- Straub, Fritz, and W. Hanhart, Riehen, near Basel, assignors to the Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Metalliferous disazo-dyestuffs and making same. 1,936,277; Nov. 21.
- Straub, Jan, Bloemendaal, Netherlands. Preparation of organic peroxides. 1,913,775; June 13.
- Straub, Jan, Bloemendaal, Netherlands. Bleaching of flour. 1,913,776; June 13.
- Straub, W. F., Laboratories, Inc. (See Straub, W. F., and Fuerst, assignors.)
- Straub, Walter, Munich, Germany. Making purified extracts from drugs containing digitalis glycosides. 1,923,238; Aug. 22.
- Straub, Walter F., Chicago, Ill., and E. W. Fuerst, Toledo, Ohio, assignors to W. F. Straub Laboratories, Inc., Chicago, Ill. Package. Des. 89,222; Feb. 7.
- Straub, Walter F., Chicago, Ill., and E. W. Fuerst, Toledo, Ohio, assignors to W. F. Straub Laboratories, Inc., Chicago, Ill. Bottle or similar article. Des. 89,223; Feb. 7.
- Straubel, C. W., et al. (See Straubel, Frederick L. G., assignor.)

- Straubel, Frederick L. G., assignor of one-eighth to O. C. Straubel, Green Bay, Wis., and two-eighths to C. W. Straubel, Youngstown, Ohio. Drawer construction. 1,926,503; Sept. 12.
- Straubel, Frederick L. G., assignor of one-eighth to O. C. Straubel, Green Bay, Wis., and two-eighths to C. W. Straubel, Youngstown, Ohio. Filing cabinet or file box. 1,929,612; Oct. 10.
- Straubel, Frederick L. G., assignor of one-eighth to O. C. Straubel, Green Bay, Wis., and two-eighths to C. W. Straubel, Youngstown, Ohio. Device as a throwback or front compressor for tilting front filing drawers. 1,935,582; Nov. 14.
- Straubel, Harald, assignor to the Firm Carl Zeiss, Jena, Germany. Disk-shaped piezo-electric oscillator. 1,908,572; May 9.
- Straubel, O. C., et al. (See Straubel, Frederick L. G., assignor.)
- Straubel, Rudolf, assignor to the firm Carl Zeiss, Jena, Germany. Device for illuminating microscopic object. 1,927,854; Sept. 26.
- Straubel, Walter E. F. (See Boquist, E. O., and Straubel.)
- Strauch, Claus B., McGregor, Minn. Lubricating and cooling material. 1,909,080; May 16.
- Strauchauer, Frederick W. (See Baxter, G. L., Strachauer, and Twogood.)
- Straus, Alexander H., Woodmere, assignor to The Diapex Corporation, New York, N. Y. Diaper. 1,930,114; Oct. 10.
- Straus, Sylvan M., Gloversville, N. Y. Making imitation pigskin gloves. 1,922,507; Aug. 15.
- Strauss, Albert A., Pittsburgh, Pa. Safety hat or cap. 1,912,551; June 6.
- Strauss, Joseph B. (See Butte, Paul C., assignor.)
- Strauss, Joseph B. (See Hirschler, Horace L., assignor.)
- Strauss, Joseph B., Chicago, Ill. Sleeping car. 1,893,510; Jan. 10.
- Strauss, Joseph B., Chicago, Ill. Lift bridge. 1,909,431; May 16.
- Strauss, Joseph B., Chicago, Ill. Cooling system for moving vehicles. 1,925,415; Sept. 5.
- Strauss, Joseph B., Chicago, Ill. Vehicle. 1,934,385; Nov. 7.
- Strauss, Joseph B., San Francisco, Calif. Auto pneumatic spring for vehicles. 1,929,857; Oct. 10.
- Strauss, Joseph B., San Francisco, Calif. Air-spring operating means. 1,929,858; Oct. 10.
- Strauss, Joseph B., San Francisco, Calif. Photo-electric cell controls for highway barriers. 1,929,859; Oct. 10.
- Strauss, Nathan J., assignor to Freyberg Bros., Inc., New York, N. Y. Material for wrapping or covering articles. 1,920,533; Aug. 1.
- Strausser, Herbert S., Chicago, and H. T. Reynolds, Lombard, assignors to Otis Manufacturing Co., Chicago, Ill. Pocket lighter. 1,900,207; Mar. 7.
- Straussler, Nicholas, London, England. Folding boat and the like. 1,937,729; Dec. 5.
- Straussler, Nicholas, London, England, assignor to Bendix Aviation Corporation, Chicago, Ill. Charge forming device. 1,904,701; Apr. 18.
- Straussler, Nicholas, London, England, assignor to Bendix Aviation Corporation. Wheel of road vehicles. 1,906,776; May 2.
- Straussler, Nicholas, London, England, assignor to Bendix Aviation Corporation, Chicago, Ill. Combustion engine. 1,925,614; Sept. 5.
- Straw, Walter H., Devon, Conn. Stock and die. 1,893,308; Jan. 3.
- Strawn, Marion L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Control mechanism. 1,924,138; Aug. 29.
- Strawsine, Fern A., Corunna, Mich. Ventilator. 1,911,932; May 30.
- Streb, Robert J. (See Chappell, R. R., and Streb.)
- Strebinger, Robert L. (See Kohr, R. F., and Strebinger.)
- Strecker, Felix, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Push-pull amplifier. 1,924,469; Aug. 29.
- Strecker, Dr. Otto C., the Firm. (See Strecker, Otto H., assignor.)
- Strecker, Otto H., Darmstadt, Germany. Medium for cleaning and reducing the swelling of rubber, gutta percha, and articles made therefrom. 1,910,718; May 23.
- Strecker, Otto H., assignor to the Firm Dr. Otto C. Strecker, Darmstadt, Germany. Decomposing plant fiber material by cooking with phenolates. 1,902,916; Mar. 28.
- Streckerfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Fruit juice extractor. Des. 89,363; Feb. 28.
- Streckerfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicing machine. 1,912,922; June 6.
- Street, Clement F., Greenwich, Conn., assignor to American Steel Foundries, Chicago, Ill. Grate assembly. 1,913,010; June 6.
- Street, Edward T. (See Standley, A. H., Edge, and Street.)
- Street, Edward T., Downingtown, Pa. Apparatus for and method of making fiber board. 1,927,378; Sept. 19.
- Street, Edward T., assignor to Downingtown Manufacturing Company, Downingtown, Pa. Press roll removing apparatus. 1,917,164; July 4.
- Street, John A. (See Wantland, Edward F., assignor.)
- Street, John N. (See Kilbourne, F. L., Jr., and Street.)
- Streeter, Richard S., Oakland, and O. E. Hendrick, Alameda, Calif. Roofing. Des. 89,471; Mar. 14.
- Strehlow, Walter F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Agricultural implement. 1,906,430; May 2.
- Strehlow, Walter F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Implement attachment for tractors. 1,906,431; May 2.
- Strehs, Adam J., Miami, Fla. Paste tube cap. 1,934,016; Nov. 7.
- Streib, Charles, New Castle, Pa. Cover seal for vaults. 1,936,122; Nov. 21.
- Streib, Charles J., New Castle, Pa. Grave vault. 1,923,956; Aug. 22.
- Streib, George J., Mount Vernon, N. Y. Machine for removing and sifting ashes. 1,922,223; Aug. 15.
- Streibel, Ludwig. (See Ehresmann, A., and Streibel.)
- Streich, A., & Bro. Company. (See Streich, Frederick A., assignor.)
- Streich, Frederick A., assignor to A. Streich & Bro. Company, Oshkosh, Wis. Track laying device. 1,901,421; Mar. 14.
- Streine, Frank H., assignor to The Streine Tool and Manufacturing Company, New Bremen, Ohio. Cutting sheets. 1,931,362; Oct. 17.
- Streine, Frank H., and P. F. Rust, assignors to The Streine Tool and Manufacturing Company, New Bremen, Ohio. Dry ice saw. Des. 89,806; May 2.
- Streine Tool and Manufacturing Company, The. (See Streine, Frank H., assignor.)
- Streine Tool and Manufacturing Company, The. (See Streine, F. H., and Rust, assignors.)
- Streitwolf, Karl. (See Fehrle, A., Streitwolf, and Hermann.)
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden on Taunus, and W. Herrmann, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Benzimidazolone-stibonic acids. 1,903,602; Apr. 11.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden on Taunus, and W. Herrmann, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Crotonyl-aminobenzene-arsonic acids and salts thereof. 1,903,645; Apr. 11.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on-the-Taunus, H. Hilmer, Frankfort-on-the-Main, and H. Schmidt, Wuppertal-Vohwinkel, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble complex compounds of heavy metals with 3,4-dihydroxybenzene arsonic acid. 1,905,316; Apr. 25.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on-the-Taunus, and H. Oesterlin, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. 2-hydroxymethylbenzimidazolearsonic acid. 1,912,318; May 30.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on-Taunus, and W. Herrmann, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. 2-oxymethylcarboxylic acid-benzimidazole-arsonic acids and preparing them. 1,919,579; July 25.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on-Taunus, W. Herrmann and P. Fritzsche, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Acylamino benzene stibonic acids. 1,921,330; Aug. 8.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on Taunus, Walter Herrmann, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Basic bismuth salts of organic arsonic acids. 1,934,017; Nov. 7.
- Streitwolf, Karl, Frankfort-on-the-Main, A. Fehrle, Bad Soden-on-the-Taunus, and H. Hilmer, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Methoxy-hydroxy-amino-benzene arsonic acid. 1,935,960; Nov. 21.
- Streng Bakery Appliance Company. (See Streng, Leo F., assignor.)
- Streng, Leo F., assignor to Streng Bakery Appliance Company, Columbia, Mo. Bread wrapping machine. 1,902,734; Mar. 21.
- Strenger, Moritz, Mulheim-Ruhr, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Welded spigot and socket safety joint. 1,941,115; Dec. 26.
- Stressau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Annealing vessels. 1,902,146; Mar. 21.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressure vessel and fabricating it. 1,925,118; Sept. 5.
- Stresau, Richard, Wauwatosa, assignor to Swifton Manufacturing Company, West Allis, Wis. Feed mill. 1,928,141; Sept. 26.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding apparatus. 1,930,290; Oct. 10.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Thick walled pressure vessel. 1,933,772; Nov. 7.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Weldrod for arc welding. 1,936,693; Nov. 28.

- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded floor structure. 1,939,732; Dec. 19.
- Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressure vessel. 1,940,277; Dec. 19.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Adjustable picker roller. 1,902,674; Mar. 21.
- Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Conveyer for cotton. 1,902,675; Mar. 21.
- Strezynski, George J., Poughkeepsie, assignor to The De-Laval Separator Company, New York, N. Y. Centrifugal separator bowl. 1,893,005; Jan. 3.
- Strezynski, George J., Poughkeepsie, assignor to The De-Laval Separator Company, New York, N. Y. Centrifugal bowl. 1,916,870; July 4.
- Strickland, Frederic, Boynton, Bridgton, England. High-tension magneto-electric machine. 1,938,262; Dec. 5.
- Strickland, Frederick E., Alexandria, La. Cotter pin lock. 1,918,148; July 11.
- Strickland, Silas A., Detroit, Mich. Making valve seat rings. 1,914,179; June 13.
- Strickland, Silas A., Detroit, Mich. Roller bearing cage assembly. 1,926,123; Sept. 12.
- Strickler, Walter B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,896,757; Feb. 7.
- Strickler, Walter B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 1,897,033; Feb. 14.
- Strid, Sven J., Chicago, Ill. Refrigerator car door fastener. 1,936,921; Nov. 28.
- Strieby, Maurice E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 1,941,116; Dec. 26.
- Strigel, Robert, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric circuit working with high voltage. 1,899,216; Feb. 28.
- Strigel, Robert, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electron tube. 1,911,976; May 30.
- Strigel, Robert, Berlin-Charlottenburg, and W. Feldmann, Berlin-Spandau, Germany, assignors to Westinghouse Electric and Manufacturing Company. Purifying gases electrically. 1,896,758; Feb. 7.
- Strigel, Robert, Berlin-Charlottenburg, and M. Steenbeck, Berlin-Westend, assignors to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electron tube for high operating voltages. 1,912,866; June 6.
- Strike, Louis N. (See Soter, Samuel N., assignor.)
- Strindlund, John, Tofte I Hurum, Norway. Barking drum. 1,904,937; Apr. 18.
- String, James E., assignor to The Vortex Mfg. Co., Cleveland, Ohio. Apparatus for coating surfaces. 1,936,997; Nov. 28.
- Stringer, Joseph, Downingtown, Pa. Strainer. 1,940,923; Dec. 26.
- Stringer, Thomas F., Elyria, assignor to The Thew Shovel Company, Lorain, Ohio. Cab. 1,919,387; July 25.
- Stringfellow, Henry A. (See Smith, F. H., and Stringfellow.)
- Stringfellow, Henry A., Philadelphia, assignor to Southwark Foundry & Machine Company, Eddystone, Pa. Cable shearing mechanism. 1,905,317; Apr. 25.
- Stringham, William, Franklin, assignor to The American Rolling Mill Company, Middletown, Ohio. Rolling of thin gauge sheet metal. 1,910,648; May 23.
- Stripling, Luke S., assignor, by mesne assignments, to National Garment Stretcher Corporation, Amarillo, Tex. Garment stretcher. 1,897,972; Feb. 14.
- Strobel, Charles K., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 1,898,321; Feb. 21.
- Strobel, Charles K., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 1,905,525; Apr. 25.
- Strobel, Frank X., Milwaukee, Wis. Rotary vibrating drill. 1,925,289; Sept. 5.
- Strobel, Howard M., New York, N. Y. Game. 1,899,833; Feb. 28.
- Strobel, Karl, Whittier, assignor to Karl Strobel Corporation, Puente, Calif. Rock drill. 1,922,559; Aug. 15.
- Strobel, Karl, Corporation. (See Strobel, Karl, assignor.)
- Strobel, Richard. (See Hentrich, W., Strobel, and Tietze.)
- Strobel, William E., Maplewood, N. J. Standard for shoemakers' lasts. 1,907,607; May 9.
- Strobell, Charles W., San Diego, Calif. Ornithopter wing structure. 1,913,011; June 6.
- Strobl, Hans, Berlin-Tempelhof, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,900,743; Mar. 7.
- Strobl, Hans, Berlin-Tempelhof, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,900,744; Mar. 7.
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Operator's bench. 1,900,621; Mar. 7.
- Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Press. 1,939,149; Dec. 12.
- Strode, Joseph W., et al. (See Rettew, Granville R., assignor.)
- Strode, Victor W., Portland, Ore. Hull. 1,898,322; Feb. 21.
- Stroebel, Richard. (See Hentrich, W., Wieners, and Stroebel.)
- Stroecker, Alice A., Chicago, Ill. Combination incense burner and lamp. 89,929; May 16.
- Stroh, Rudolf. (See Kunz, M. A., Stroh, and Dimroth.)
- Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Loom. 1,907,460; May 9.
- Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Lighting system for toy automobiles. 1,939,733; Dec. 19.
- Ströher, Georg, Rothenkirchen, Germany. Device for making permanent waves with observation windows. 1,929,042; Oct. 3.
- Ströher, Karl G., Rothenkirchen, Germany. Hair clamp for permanent hair waving. 1,903,249; Mar. 28.
- Ströher, Karl G., Rothenkirchen in Vogtland, Germany. Hair curler. 1,922,061; Aug. 15.
- Strohschneider, Otto, Graz, Austria. Trap nest for hens. 1,923,850; Aug. 22.
- Strom, Andrew, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,938,769; Dec. 12.
- Strom, Frederic H., St. Paul, Minn., assignor to Western Electric Company, Incorporated, New York, N. Y. Synchronizing attachment for phonographs. Re18,951; Sept. 12.
- Strom, William S., Seattle, Wash. Sheet metal clamp. 1,900,314; Mar. 7.
- Stroman, Charles F., et al. (See Bergman, Ernest C., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Graham, Virgil M., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Graham, V. M., and Powell, assignors.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Levy, Maurice L., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Manson, R. H. and Graham, assignors.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, W. T., and Vincent, assignors.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Williams, John D., assignor.)
- Stromberg Electric Company. (See Denniston, Adolph L., assignor.)
- Stromberg Electric Company. (See Long, Albert E., assignor.)
- Stromberg, Pehr W., Somerville, Mass., assignor of one-half to Willse M. Mattison, Ogdensburg, N. Y. Air conditioning apparatus. 1,899,995; Mar. 7.
- Strömer, Ernst. (See Lasch, A., and Strömer.)
- Strong, Archie H., Norristown, assignor to Master Domestic Refrigerating Company, Inc., Conshohocken, Pa. Refrigerating apparatus. 1,913,297; June 6.
- Strong, Arthur J., Detroit, Mich., assignor to Norton Company, Worcester, Mass. Crank shaft lapping machine. 1,893,111; Jan. 3.
- Strong, Carlisle & Hammond Company, The. (See Peterson, Guy S., assignor.)
- Strong, Eunice, Stockton, Calif. Air deflector. 1,895,352; Jan. 24.
- Strong, Howard W. (See Harrison, C. F. R., and Strong.)
- Strong, Leslie P., Lakewood, assignor to The Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 1,896,528; Feb. 7.
- Strong, Leslie P., Lakewood, assignor to The Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 1,901,200; Mar. 14.
- Strong, Leslie P., Lakewood, assignor to The Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 1,918,435; July 18.
- Strong, Leslie P., assignor to The Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 1,901,833; Mar. 14.
- Strong, Winnie C., Klamath Falls, Ore. Shook end. 1,928,547; Sept. 26.
- Strongsæen, Hermann L., New York, N. Y. Moth exterminator. 1,913,571; June 13.
- Strongson, Herman L., assignor to Bernard D. Cole, New York, N. Y. Quick break plug connector. 1,904,889; Apr. 18.
- Strosacker, Charles J., C. C. Kennedy, and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Preparing brom-isatin. 1,901,615; Mar. 14.
- Strosacker, Charles J., and S. B. Heath, assignors to The Dow Chemical Company, Midland, Mich. Flake sodium acetate. 1,911,479; May 30.
- Strosacker, Charles J., and C. C. Schwegler, assignors to The Dow Chemical Company, Midland, Mich. Preparing antipyrine. 1,918,503; July 18.
- Strosacker, Charles J., C. C. Kennedy, and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Oxidation of alcohols. 1,926,068; Sept. 12.
- Strosacker, Charles J., and C. C. Schwegler, assignors to The Dow Chemical Company, Midland, Mich. Making tetrachlorethylene and hexachlorethane. 1,930,350; Oct. 10.

- Strosacker, Charles J., C. C. Kennedy, and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Oxidation of alcohols. 1,934,648; Nov. 7.
- Strosacker, Charles J., C. C. Kennedy, and E. L. Pelton, assignors to The Dow Chemical Company, Midland, Mich. Separating alkali metal acetates. 1,940,611; Dec. 19.
- Strotbeck, August. (See Pfommer, G., and Strotbeck.)
- Strothoff, Hermann, Duisberg, Germany, assignor to The Babcock & Wilcox Company, New York, N. Y. Steam generator. 1,914,538; June 20.
- Stroud, Ernest, London, England. Luminair. 1,894,915; Jan. 17.
- Stroup, Edward D., assignor of one-half to M. O. Murphy, Woodward, Okla. Bow. 1,932,195; Oct. 24.
- Strout, Ray D., La Salle, Ill. Impeller for water craft. 1,925,912; Sept. 5.
- Strout, Robert W., assignor to E. W. Bliss Company, Brooklyn, N. Y. Positive-action clutch. 1,904,563; Apr. 18.
- Strub, Othello, assignor of one-half to L. Littmann, Munich, Germany. Ventilating silo. 1,929,084; Oct. 3.
- Struble, Mabel, New York, N. Y. Hat box. 1,902,313; Mar. 21.
- Struck, Frederick A., Golden, and A. Reinhardt, Denver, Colo. Automobile trunk. 1,913,862; June 13.
- Struck, Karl W. (See Holtz, F. C., and Struck.)
- Structo Manufacturing Company. (See Strohecker, Louis, assignor.)
- Structo Manufacturing Company. (See Thompson, Clement E., assignor.)
- Structural Gypsum Corporation. (See Davis, C. F., and Brush, assignors.)
- Structural Gypsum Corporation. (See Davis, C. F., and Saunders, assignors.)
- Structural Gypsum Corporation. (See Hansen, W. C., and Schroy, assignors.)
- Structural Gypsum Corporation. (See Saunders, Edward R., assignor.)
- Struebig, Louis J. (See Kopke, E. W., and Struebig.)
- Struebing, Herman A., Winfield, Kans. Governor for corn binders. 1,909,909; May 16.
- Struthers, James A. (See Jones, O. A., and Struthers.)
- Struthers-Wells-Titusville Corporation. (See How, H. W., and Johnson, assignors.)
- Strutt, Maximilian J. O., and P. R. Dijksterhuis, Eindhoven, Netherlands, assignors to Radio Corporation of America. Arrangement for transmitting wireless signals. 1,904,174; Apr. 18.
- Strutt, Maximilian J. O., and P. R. Dijksterhuis, Eindhoven, Netherlands, assignors to Radio Corporation of America. Signaling. 1,927,880; Sept. 25.
- Struve, Frederick E., Philadelphia, Pa. Stocking. Des. 89,320; Feb. 21.
- Struve, Frederick E., assignor to Apex Hosiery Company, Philadelphia, Pa. Stocking insert feeding apparatus. 1,931,301; Oct. 17.
- Stryker, Harold V., Brooklyn, N. Y. Electrical plug. 1,917,909; July 11.
- Stryker, Jacob A. (See Henning, Francis L., assignor.)
- Strzygowski, Senta. (See Schmidt, K. F., and Strzykowski.)
- Stuard, James A., Roaring Springs, Pa. Separator. 1,937,855; Dec. 5.
- Stuart, Benjamin F., and G. R. McLean, Warren, Ohio. Fireplace heater. 1,935,751; Nov. 21.
- Stuart, Charles A., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedstead corner post. Des. 89,930; May 16.
- Stuart, Clyde W., New York, N. Y. Shipping crate, barrel, and the like. 1,932,294; Oct. 24.
- Stuart, Frank J., St. Louis, Mo. Abdominal garment. 1,907,159; May 2.
- Stuart, Frank J., St. Louis, Mo. Pad supporting and locating appliance. 1,925,615; Sept. 5.
- Stuart, Harold V., Milwaukee, Wis. Shoulder strap maintenance device. 1,905,318; Apr. 25.
- Stuart, Harve R., Springfield, Ohio. Direct motor drive for machine parts. 1,907,223; May 2.
- Stuart, John L., Oakland, Calif. Electric power mechanism for operating awnings. 1,923,175; Aug. 22.
- Stuart, Joseph, 2d, assignor to Hercules Powder Company, Wilmington, Del. Package for blasting caps. 1,903,302; Apr. 4.
- Stuart, Kenneth B., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Filmed coal and composition of matter for producing same. 1,905,072; Apr. 25.
- Stuart, Kenneth B., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Filming coal. 1,905,073; Apr. 25.
- Stuart, Nicholas H., assignor to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 1,896,471; Feb. 7.
- Stuart, Robert. (See Rosenthal, Benjamin, assignor.)
- Stuart, Thomas F., and H. A. Moore, Los Angeles, Calif. Knob-anchoring device. 1,935,253; Nov. 14.
- Stuart, Willard S., East Hartford, Conn., assignor to The Blings & Spencer Company. Chain pipe wrench. 1,933,513-14; Oct. 31.
- Stuart, William M., Lakewood, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Display container for paintbrushes and the like. 1,933,442; Dec. 5.
- Stubbins, Robert O. (See Watson, George V. E., and Stubbins.)
- Stubblefield, Buford M. (See Smith, A. W., Heist, and Stubblefield.)
- Stubblefield, John S. (See Nelson, Arthur A., assignor.)
- Stubbs, Everard, Springfield, Vt. Splined shaft and sleeve couple. 1,912,412; June 6.
- Stubbs, Everard, Springfield, Vt., assignor to Norton Company, Worcester, Mass. Grinding wheels. 1,931,863; Oct. 17.
- Stubbs, Luther G., Hamlet, N. C. Radiocabinet. 1,898,224; Feb. 21.
- Stubenrauch, Ernest, Cleveland, Ohio. Metal spray gun. 1,930,373; Oct. 10.
- Stuber, Adolph, and W. A. Riddell, assignors to Eastman Kodak Company, Rochester, N. Y. Automatic self-threading motion picture apparatus. 1,939,238; Dec. 12.
- Stuber & Kuck Co. (See Kuck, H. G., and Abele.)
- Stuber, Walter J., assignor to Carey-McFall Company, Philadelphia, Pa. Curtain operating mechanism. 1,928,548; Sept. 26.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Roller trunnion and making the same. 1,928,549; Sept. 26.
- Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Roller supporting bracket. 1,928,550; Sept. 26.
- Stuber, Wilhelm, Cannstatt, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Calculating machine. 1,910,571; May 23.
- Stubbjare, Jor ph A., assignor of one-half to E. O. Overland, C. Fl. tum, and O. A. Nepstad, Bigtimber, Mont. Cooling apparatus. 1,898,603; Feb. 12.
- Stubnitz, Maurice, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Cushion seat for vehicles. 1,918,618; July 18.
- Stubnitz, Maurice, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Cushion seat for automobiles and the like. 1,938,561; Dec. 5.
- Stubnitz, Maurice, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Covering cushion seats and the like. 1,940,636; Dec. 19.
- Stubnitz, Maurice, assignor to Fort Pitt Bedding Company, Pittsburgh, Pa. Cushion seat and the like. 1,940,637; Dec. 19.
- Stucatur, Matthew, Philadelphia, Pa., assignor, by mesne assignments, to New Products Corporation. Controlling mechanism for transmissions. 1,933,603; Nov. 7.
- Stuckel, Frank C. (See Potter, F. W., and Stuckel.)
- Stucker, William H. (See Bricker, J. A., and Stucker.)
- Stuckert, Alfred E., Canton, assignor to Wadert Co., Inc., Cleveland, Ohio. Combustion burner. 1,922,405; Aug. 15.
- Stuckert, Felix J., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Switch structure. 1,918,297; July 18.
- Stuckey, Robert B., assignor to W. A. Riddell Company, Bucyrus, Ohio. Brick press. 1,925,416; Sept. 5.
- Stuckey, Samuel G., assignor to Obea-Nester Glass Company, St. Louis, Mo. Apparatus for glass feeding. 1,916,155; June 27.
- Stuckey, Samuel G., assignor to Obea-Nester Glass Company, St. Louis, Mo. Timing device for glass machinery. 1,932,024; Oct. 24.
- Studebaker Corporation, The. (See Ackerman, Albert H., assignor.)
- Studebaker Corporation, The. (See Allee, Herbert D., assignor.)
- Studebaker Corporation, The. (See Arterburn, Lloyd, assignor.)
- Studebaker Corporation, The. (See Gauss, Julius M., assignor.)
- Studebaker Corporation, The. (See Happ, Willard C., assignor.)
- Studebaker Corporation, The. (See Hartsock, Guy M., assignor.)
- Studebaker Corporation, The. (See Hughes, James R., assignor.)
- Studebaker Corporation, The. (See James, William S., assignor.)
- Studebaker Corporation, The. (See Kohr, Robert F., assignor.)
- Studebaker Corporation, The. (See Lindsay, Alexander R., assignor.)
- Studebaker Corporation, The. (See Newcomb, Edward C., assignor.)
- Studebaker Corporation, The. (See Paton, Clyde R., assignor.)
- Studebaker Corporation, The. (See Radke, William A., assignor.)
- Studebaker Corporation, The. (See Roos, Delmar G., assignor.)
- Studebaker Corporation, The. (See Sparrow, Stanwood W., assignor.)
- Studebaker Corporation, The. (See Sullivan, Perry W., assignor.)
- Studebaker Corporation, The. (See Ullery, Fred E., assignor.)
- Studebaker Corporation, The. (See Wisner, Andrew P., assignor.)
- Studer, Joseph. (See Carlson, B. E., and Studer.)
- Studio Couch Patents Co. Inc. (See Abrams, Theodore, assignor.)
- Studnicka, Albert J., Minneapolis, Minn. Producing drill-jarring bars. 1,907,190; May 2.

- Stuebing, Albert F., Scarsdale, assignor, by mesne assignments, to American Throttle Company Inc., New York, N. Y. Throttle valve. 1,932,196; Oct. 24.
- Stuebing Automatic Machine Co., The. (See Todd, Frederick C., assignor.)
- Stuebing, William, jr., Cincinnati, Ohio, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 1,931,449; Oct. 17.
- Stühler, Martin, Cologne, Germany. Centrifugal machine for making conical hollow bodies, particularly reinforced concrete poles. 1,892,815; Jan. 3.
- Stuhlmann, Hans C., Premnitz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treating artificial fibers. 1,901,007; Mar. 14.
- Stuhlmann, Hans-Caesar, Premnitz, Westhavelland, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Cutting device. 1,909,235; May 16.
- Stukbauer, Edward F. (See Cutting, R. H., and Stukbauer.)
- Stukenborg, Louis C., Memphis, Tenn. Brake testing means and methods for automobiles. 1,894,643; Jan. 17.
- Stukenborg, Louis C., Memphis, Tenn. Wheel guide for automobile lifts. 1,906,497; May 2.
- Stukenborg, Louis C., Memphis, Tenn. Air lift. 1,912,103; May 30.
- Stukenborg, Louis C., Memphis, Tenn. Plunger for vehicle lifts. 1,922,406; Aug. 15.
- Stukenborg, Louis C., Memphis, Tenn. Safety leg for elevators. 1,939,420; Dec. 12.
- Stukenborg, Louis C., Memphis, Tenn. Vehicle lift. 1,940,891; Dec. 26.
- Stuler, Rudolph W. (See Crolus, F. J., and Stuler.)
- Stull Process Company. (See Stull, Ray T., assignor.)
- Stull, Ray T., Washington, D. C., assignor to Stull Process Company, Savannah, Ga. Whirlpool cleaner. 1,923,515; Aug. 22.
- Stults, Virgil. (See Dacon, C. H., and Stults.)
- Stultz, Posey G. (See Echols, J. E., and Stultz.)
- Stump, Earl, assignor to Roberts and Schaefer Company, Chicago, Ill. Classifying table. 1,902,917; Mar. 28.
- Stump, Horace E., Lakeville, Conn., assignor to New England Lime Co., Pittsfield, Mass. Obtaining magnesium sulphate. 1,900,392; Mar. 7.
- Stumpe, Walter F., assignor to National Sporting Goods Manufacturing Company, St. Louis, Mo. Inflatable ball. 1,906,653; May 2.
- Stumpf, Alvina, administratrix. (See Stumpf, Walter.)
- Stumpf, Arthur J., Newark, N. J. Golf club. 1,913,821; June 13.
- Stumpf, Walter, deceased, by Alvina Stumpf, administratrix, Towson Heights, assignor to Marschke Manufacturing Company, Towson, Md. Grinder speed control. 1,911,857; May 30.
- Stünzi Sons Silk Company. (See Donnell, Hugh, assignor.)
- Stuparich, Paul J., San Francisco, Calif. Photographic mount. Des. 90,055; May 30.
- Stupell, Leo K., New York, N. Y. Ornament. 1,921,437; Aug. 8.
- Sturdevant, Earl G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating metallic bodies. 1,894,644; Jan. 17.
- Sturdy's, J. F., Sons Company. (See Nelson, Nels T., assignor.)
- Sturges, Norman D., New York, N. Y. Storage battery. 1,905,319; Apr. 25.
- Sturgis, Charles E., assignor of one-half to W. P. Andrus, Rochester, N. Y. Method and machine for coiling small wire. 1,898,102; Feb. 21.
- Sturgis, Cyrus C. (See Sharp, E. A., Sturgis, and Isaacs.)
- Sturgis, La Verne C., Springfield, assignor to The Buckeye Incubator Manufacturing Company, Beachwood, Ohio. Egg tray for incubators. 1,893,153; Jan. 3.
- Sturgis, La Verne C., Springfield, assignor to The Buckeye Incubator Manufacturing Company, Beachwood, Ohio. Egg turning mechanism for incubators. 1,918,939; July 18.
- Sturgis Posture Chair Company. (See Huntley, Reginald C., assignor.)
- Sturgis, William B., Chicago, Ill. Fly rod handle. 1,931,303; Oct. 17.
- Sturm, Ernst, Berlin-Laukwitz, assignor to the Firm Johann A. Wulfig, Berlin, Germany. Manufacture and separation of sulphur-containing products of the acid hydrolysis of keratin and keratin substances. 1,921,398; Aug. 8.
- Sturm, Erwin, Stuttgart-Botnang, Germany. Rotary engine. 1,895,353; Jan. 24.
- Sturm, Erwin, Stuttgart-Botnang, Germany. High-speed shaping machine with hydraulic drive. 1,925,215; Sept. 5.
- Sturm, Julius J., et al. (See Buddle, George T., assignor.)
- Sturm, Minnie M., et al. (See Buddle, George T., assignor.)
- Sturm, Minnie N., et al. (See Buddle, George T., assignor.)
- Sturm, Ralph D., Oakland, Calif., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Leer loader. 1,912,503; June 6.
- Sturm, Wilhelm. (See Linder, R., and Sturm.)
- Sturtevant Company. (See Freeman, Ernest B., assignor.)
- Sturtevant, B. F., Company. (See Allen, George W., assignor.)
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)
- Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)
- Sturtevant, B. F., Company. (See Davis, J. H., and Anderson, assignors.)
- Sturtevant, B. F., Company. (See Derry, Gardner C., assignor.)
- Sturtevant, B. F., Company. (See Freeman, Ernest B., assignor.)
- Sturtevant, B. F., Company. (See Goldthwaite, George F., assignor.)
- Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
- Sturtevant Mill Company. (See Doyle, William T., assignor.)
- Sturtevant Mill Company. (See Sturtevant, Thomas J., assignor.)
- Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 1,933,604; Nov. 7.
- Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 1,933,605; Nov. 7.
- Sturtevant, Thomas J., Wellesley, assignor to Sturtevant Mill Company, Boston, Mass. Air separator. 1,933,606; Nov. 7.
- Stüsser, Richard, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Copper containing azodyestuff. 1,940,066; Dec. 19.
- Stutson, Willis, Chicago, Ill. Dovetail. 1,893,639; Jan. 10.
- Stüttgen, Otto, Dresden, Germany. Umbrella. 1,934,569; Nov. 7.
- Stutz, George F. A., and H. A. Depew, Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of pigments. 1,914,539; June 20.
- Stutz, John C., Kansas City, Mo. Golf cup. 1,918,994; July 18.
- Stutzman, Austin E. (See Warhus, W. H., jr., and Stutzman.)
- Stüve, Heinrich, Mecklenburg, Germany. Disbarking machine. 1,937,073; Nov. 28.
- Stryer, Charles A., Forest Hills, Pa., assignor to Westinghouse Electric Manufacturing Company. Self compensating light control. 1,905,251; Apr. 25.
- Stryer, Charles A., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photo-sensitive apparatus. 1,939,088; Dec. 12.
- Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,925,575; Sept. 5.
- Styri, Haakon, assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Formation of characters for the stamping of bodies intended to be hardened by heat treatment. 1,932,357; Oct. 24.
- Suber, John C., Deshler, Ohio. Ironing machine. 1,934,570; Nov. 7.
- Subick, George, Chicago, Ill. Supporting device. 1,926,636; Sept. 12.
- Subject, Felix A. (See Tolman, J. E., and Subject.)
- Subkow, Philip. (See Gard, E. W., Aldridge, and Subkow.)
- Subkow, Philip. (See Gard, E. W., and Subkow.)
- Subkow, Philip, assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for controlling gas-lifts. 1,907,608; May 9.
- Submarine Signal Company. (See Clement, Ivan C., assignor.)
- Submarine Signal Company. (See Hart, Robert W., assignor.)
- Submarine Signal Company. (See Hayes, Hammond V., assignor.)
- Submarine Signal Company. (See Williams, Robert L., assignor.)
- Submarine Signal Company. (See Wolf, Ezekiel, assignor.)
- Submarine Signal Corporation. (See Fay, Richard D., assignor.)
- Succetti, Glenn, Kalispell, Mont., and R. M. Kohr, Middletown, Ohio. Insulating and other structures comprising vermiculite. 1,927,102; Sept. 19.
- Suchan, William E., Rosedale, N. Y. Pipe sleeve. 1,908,796; May 16.
- Suchy, Robert, and H. F. A. E. Krause, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Simultaneous production of phosphorus and alumina. 1,919,310; July 25.
- Suchy, Robert, K. Staib, and W. Moschel, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Producing anhydrous non-volatile metal chlorides. 1,923,594; Aug. 22.
- Suzcek, Robert. (See Osterberg, Gotthard S., assignor.)
- Suzcek, Robert, Detroit, Mich. Manifold for internal combustion engines. 1,912,047; May 30.
- Suda, Joseph. (See Kalert, F. N., and Suda.)
- Suddards, Thomas D., New Barnet, England. Car ventilator. 1,895,109; Jan. 24.
- Sudhaus, Carl. (See Stoffel, O., Roesch, and Sudhaus.)
- Suehs, Erwin A., Yonkers, N. Y. Preserving viable vacilli. 1,929,085; Oct. 3.
- Suekoff, Louis A., Wilmette, assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Reinforced spring assembly for upholstery. 1,931,094; Oct. 17.

- Suekoff, Louis A., Wilmette, assignors to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery and mattresses. 1,934,153; Nov. 7.
- Suess, Raymond P. (See Welch, James W., assignor.)
- Suez, Edward, Philadelphia, Pa. Cigarette box and display. 1,901,784; Mar. 14.
- Suffern, Ernest S., Montclair, N. J., assignor to H. D. Tollemache, London, England. Furnace for burning pulverized fuel. 1,926,637; Sept. 12.
- Sugerman, Miriam. (See Trompeter, David, assignor.)
- Sugden, James, Company. (See Maloon, Frederick V., assignor.)
- Sugerman, Louis, assignor to L. Benoit, Chicago, Ill. Twin-section egg carton. Re19,028; Dec. 19.
- Sugerman, Louis, assignor to L. Benoit, Chicago, Ill. Twin-section egg carton. Re19,029; Dec. 19.
- Sugerman, Louis, assignor to L. Benoit, Chicago, Ill. Twin-section egg carton. Re19,030; Dec. 19.
- Sugerman, Louis, assignor to L. Benoit, Chicago, Ill. Holder for eggs and the like. 1,931,304; Oct. 17.
- Sugrue, George, et al. (See Altmeiller, Arthur D., assignor.)
- Suhara, Toyotaro, Tokyo, Japan. Photographing device for high speed moving pictures. 1,903,204; Mar. 28.
- Suiter, David L., Philadelphia, Pa. Combined air and gas control with foot rest. 1,934,953; Nov. 14.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Nonlinear circuit. 1,921,786; Aug. 8.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Pulsation apparatus. 1,921,787; Aug. 8.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electric control system. 1,921,788; Aug. 8.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Pulsation apparatus. 1,921,789; Aug. 8.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Low frequency oscillator. 1,925,011; Aug. 29.
- Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Electrical time delay apparatus. 1,940,335; Dec. 19.
- Suits, Chauncey G., and A. W. Hull, Schenectady, N. Y., assignors to General Electric Company. Testing apparatus. 1,933,351; Oct. 31.
- Sukete Investment Company. (See Sutter, Erwin, L., assignor.)
- Suksdorf, Alfred, Schenectady, N. Y., assignor to General Electric Company. System of motor control. 1,915,961; June 27.
- Sukumlyn, Thomas W., Los Angeles, Calif. Electron emission device. 1,936,922; Nov. 28.
- Sulak, Anton F. (See Thompson, H. J., and Sulak.)
- Sullivan, Charles H. (See Cotroumpas, Stephanos, assignor.)
- Sullivan, Conelious, Brooklyn, N. Y. Fishing pool game. 1,910,863; May 23.
- Sullivan, Edward F., South Portland, Me. Oiling apparatus for locomotive driving wheel flanges. 1,897,827; Feb. 14.
- Sullivan, Edward F., South Portland, Maine. Hot-well pre-heater and condenser for locomotives. 1,929,830; Oct. 10.
- Sullivan, Edward G., assignor to J. S. Belt, Amarillo, Tex. Bath apparatus. 1,893,849; Jan. 10.
- Sullivan, Edward G., assignor to J. S. Belt, Amarillo, Tex. Apparatus for producing solid carbon dioxide. 1,893,850; Jan. 10.
- Sullivan, Edward G., assignor to J. S. Belt, Amarillo, Tex. Apparatus for producing solid carbon dioxide. 1,893,851; Jan. 10.
- Sullivan, Edward G., assignor to J. S. Belt, Amarillo, Tex. Process of and apparatus for producing solid carbon dioxide. 1,893,852; Jan. 10.
- Sullivan, Edward G., assignor to J. S. Belt, Amarillo, Tex. Bath apparatus. 1,898,508; Feb. 21.
- Sullivan, Edward J. and W. M. Los Angeles, Calif. Vehicle control mechanism. 1,897,537; Feb. 14.
- Sullivan, Everard J. (See Mizer, J. J., and Sullivan.)
- Sullivan, Everard J., assignor to Walker Manufacturing Company, Racine, Wis. Tire pump. 1,916,342; July 4.
- Sullivan, Frank B., Phoenix, Ariz. Lawn mower attachment. 1,929,337; Oct. 3.
- Sullivan, Frank J., Oshkosh, Wis. Lock. 1,922,062; Aug. 15.
- Sullivan, Frederick W., jr. (See Snow, H. R., and Sullivan.)
- Sullivan, Frederick W., jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Electrothermal oil treatment. 1,927,074; Sept. 19.
- Sullivan, Frederick W., jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dewaxing hydrocarbon oils. 1,938,545; Dec. 5.
- Sullivan, Frederick W., jr., and C. E. Adams, Hammond Ind., assignors to Standard Oil Company, Chicago, Ill. Antisolvent dewaxing of oil. 1,917,910; July 11.
- Sullivan, Frederick W., jr., and V. Voorhees, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Process and apparatus for making non-detonating gasoline. 1,938,546; Dec. 5.
- Sullivan, Frederick W., jr., Hammond, Ind., and F. F. Diwokey, Chicago, assignors to Standard Oil Company, Chicago, Ill. Leadized gasoline. 1,938,547; Dec. 5.
- Sullivan, Frederick W., jr., Whiting, and A. B. Brown, Hammond, assignors to Standard Oil Company, Whiting, Ind. Desulphurizing hydrocarbon oils. 1,938,670; Dec. 12.
- Sullivan, Frederick W., jr., and A. B. Brown, Hammond, assignors to Standard Oil Company, Whiting, Ind. Desulphurizing hydrocarbon oils. 1,938,671; Dec. 12.
- Sullivan, Harry H., Rochester, N. Y. Printing machine for sensitized material. 1,922,461; Aug. 15.
- Sullivan, Harry H., Rochester, N. Y. Automatic blue printing and finishing machine. 1,924,758; Aug. 29.
- Sullivan, Harry H., assignor to Paragon Revolute Corporation, Rochester, N. Y. Print drier. 1,904,564; Apr. 18.
- Sullivan, Harry S. (See Vassos, John, assignor.)
- Sullivan, Horace W. (See Sullivan, Roy M., assignor.)
- Sullivan, Jerome J., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Sound transmitting and sound absorbing construction. 1,918,149; July 11.
- Sullivan, John A. (See Rogers, Margaret, assignor.)
- Sullivan, John D. (See Bole, G. A., and Sullivan.)
- Sullivan, John J., Arlington, Mass. Envelope. 1,932,257; Oct. 24.
- Sullivan Machinery Company. (See Baldwin, Clyde P., assignor.)
- Sullivan Machinery Company. (See Blom, Hjalmar T., assignor.)
- Sullivan Machinery Company. (See Clapp, Lewis J., assignor.)
- Sullivan Machinery Company. (See Culshaw, Peter W., assignor.)
- Sullivan Machinery Company. (See Dovell, Dudley K., assignor.)
- Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)
- Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
- Sullivan Machinery Company. (See Halvorsen, Halbert B., assignor.)
- Sullivan Machinery Company. (See Hauge, Andrew, assignor.)
- Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
- Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)
- Sullivan Machinery Company. (See Hughes, William E., assignor.)
- Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
- Sullivan Machinery Company. (See Maxson, Louis A., assignor.)
- Sullivan Machinery Company. (See Mitchell, Joseph S., assignor.)
- Sullivan Machinery Company. (See Nanstiel, William F., assignor.)
- Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
- Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
- Sullivan Machinery Company. (See Paget, Win W., assignor.)
- Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
- Sullivan Machinery Company. (See Tardiff, Henry, assignor.)
- Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
- Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
- Sullivan, Michael J., Brooklyn, assignor to Star Company, New York, N. Y. Camera. 1,913,998; June 13.
- Sullivan, Perry W., assignor to The Studebaker Corporation, South Bend, Ind. Doorlock handle. 1,899,996; Mar. 7.
- Sullivan, Perry W., assignor to The Studebaker Corporation, South Bend, Ind. Doorlock handle. 1,899,997; Mar. 7.
- Sullivan, Raymond D., et al. (See Smith, Richard F., assignor.)
- Sullivan, Roy M., assignor of one-half to H. W. Sullivan, Atlanta, Ga. Stringed musical instrument. 1,895,383; Jan. 24.
- Sullivan, Theodore G., Rutherford, N. J. Making of rubber coloring material. 1,903,578; Apr. 11.
- Sullivan, Timothy J., Butte, Mont. Wall shield, shelf, and ventilator. 1,894,896; Jan. 17.
- Sullivan, Willard P., Suffolk, Va. Holder for bricks or the like. 1,922,560; Aug. 15.
- Sullivan, William L., Pasadena, Calif. Hair cloth holder. 1,920,899; Aug. 1.
- Sullivan, William M. (See Sullivan, Edward J. and W. M.)
- Sullivan, Woodruff T., Norwich, Conn. Automatic slot-closing device. 1,939,578; Dec. 12.
- Suloway Mills. (See Vagler, Gertrude, assignor.)
- Sulman, Henry L. (See Durant, H. T., Sulman, and Picard.)
- Sulman, Henry L. (See Wood, L. A., and Sulman.)
- Sulman, Henry L. and H. F. K. Picard, assignors to The General Engineering Company, Incorporated, London, England. Recovery of hydrocyanic acid from complex cyanides and waste liquors. 1,938,469; Dec. 5.

- Sulphates Proprietary Limited. (See Martin, M. J., and Brooksbank, assignors.)
- Sulphide Corporation. (See Wescott, Ernest W., assignor.)
- Sulphide Corporation of New York. (See Levy, S. I., and Millar, assignors.)
- Sulphur & Smelting Corporation. (See Brown, Raymond G., assignor.)
- Sulzberger, Nathan, New York, N. Y. Defrosting mechanical refrigerators and the like. 1,908,573; May 9.
- Sulzer, Albert F., assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture apparatus. 1,939,239; Dec. 12.
- Sulzer Frères Société Anonyme. (See Brunner, Adolf, assignor.)
- Sulzer Frères Société Anonyme. (See Dinner, Heinrich, assignor.)
- Sulzer Frères Société Anonyme. (See Egloff, Hans C., assignor.)
- Sulzer Frères Societe Anonyme. (See Heftli, Wilhelm, assignor.)
- Sulzer Frères Société Anonyme. (See Heinzelmann, Hans, assignor.)
- Sulzer Frères Societe Anonyme. (See Kägi, Emil, assignor.)
- Sulzer Frères Société Anonyme. (See Lerberherr, Arthur, assignor.)
- Sulzer Frères Societe Anonyme. (See Lieberhurr, Arthur, assignor.)
- Sulzer Frères Société Anonyme. (See Schaer, Charles, assignor.)
- Sulzer-Freres Societe Anonyme. (See Schaeren, Ernst, assignor.)
- Sulzer Frères Société Anonyme. (See Schmidlu, Adalbert, assignor.)
- Sulzer Freres Societe Anonyme. (See Simmen, Oscar, assignor.)
- Sulzer Frères Société Anonyme. (See Trechsel, Max, assignor.)
- Sulzer Frères Société Anonyme, Firm. (See Kagi, Emil, assignor.)
- Sulzer Frères Société Anonyme of Winterthur. (See Egloff, Hans C., assignor.)
- Sumbs, Aloys, Sauk Rapids, Minn. Indicator. 1,915,456; June 27.
- Sumi, Rikichi, Nishiyodogawaku, Osaka, and C. Tatsumi, Kitaku, Osaka, Japan. Rotary sample- or stock-case stack. 1,906,827; May 2.
- Sumisky, Anthony, Philadelphia, Pa. Walking toy. 1,927,558; Sept. 19.
- Sumisky, Anthony, Philadelphia, Pa. Walking toy. 1,936,647; Nov. 28.
- Summer, O. O., et al. (See Hansen, Regner, assignor.)
- Summerbell, William J., Los Angeles, Calif. Glass shield. 1,916,499; July 4.
- Summerhays, Elmer M., Hammond, Ind. Making a connecting bar. 1,925,119; Sept. 5.
- Summerlee, Joseph A., assignor to Burroughs Adding Machine Company, Detroit, Mich. Combined chair, seat, and back rest. Des. 90,128; June 13.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Plated piston. Re18,814; May 2.
- Summers, Caleb E., Dayton, Ohio, assignor, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Counteracting torsional vibration. 1,896,027; Jan. 31.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Air cleaner. 1,906,432; May 2.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Intake manifold. 1,916,500; July 4.
- Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Air cleaner. 1,929,103; Oct. 3.
- Summers, Caleb E., Pontiac, assignor to General Motors Research Corporation, Detroit, Mich. Mounting for V-8 engines. 1,929,104; Oct. 3.
- Summers, Caleb E., and W. H. Manning, Pontiac, assignors, by mesne assignments, to Packard Motor Car Company, Detroit, Mich. Counterweight. 1,916,085; June 27.
- Summers, Caleb E., and G. W. Lampman, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Carbureting apparatus. 1,936,694; Nov. 28.
- Summers, James F., Snyder, N. Y. Calculating device. 1,936,698; Nov. 28.
- Summers, James L. (See Bozard, J. C., and Summers.)
- Summers, Kenneth E., assignor to The Newall Engineering Co. Ltd., Ponders End, Middlesex, England. Screw-thread caliper gauge. 1,925,346; Sept. 5.
- Summers, Omar, assignor of one-half to Roman Yesse, Seattle, Wash. Tie strap. 1,920,607; Aug. 1.
- Summers, Otto M., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 1,892,711; Jan. 3.
- Summers, Otto M., assignor to Frigidaire Corporation, Dayton, Ohio. Making refrigerating apparatus. 1,913,175; June 6.
- Summers, Otto M., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,924,662; Aug. 29.
- Summey, David L., deceased, Waterbury, Conn., by The Colonial Trust Company and R. P. W. Summey, executors. Power control apparatus. 1,903,147; Mar. 28.
- Summey, David L., deceased, Waterbury, Conn.; The Colonial Trust Company and R. P. W. Summey, executors. Molding apparatus. 1,907,130; May 2.
- Summey, David L., assignor to Scovill Manufacturing Company, Waterbury, Conn. Blocking machine. 1,907,896; May 9.
- Summey, David L., Waterbury, Conn., assignor to United States Metals Refining Company, Carteret, N. J. Sampling apparatus. 1,909,596; May 16.
- Summey, David L., deceased; The Colonial Trust Company and R. P. W. Summey, executors, Waterbury, Conn. Billet feeding and heating apparatus. 1,920,133; July 25.
- Summey, David L., deceased, Waterbury, Conn., The Colonial Trust Company and R. P. W. Summey, executors. Baling press. 1,934,386; Nov. 7.
- Summey, Richard P. W., et al., executors. (See Summey, David L., assignor.)
- Summit Foundry Company. (See Hogan, Roger, assignor.)
- Summit Mold & Machine Company, The. (See Brandage, James W., assignor.)
- Summit Mold and Machine Company, The. (See Cassley, W. J., and Brundage, assignors.)
- Summit Thread Company. (See Johnson, Henry G., assignor.)
- Sumner, Bowater B. (See Fenstermacher, J. D., and Sumner.)
- Sumner, Thomas B., Everett, Wash. Thrust bearing for chippers. 1,932,166; Oct. 24.
- Sumpter, John E., Minneapolis, Minn. Automatic refusing unit. 1,919,453; July 25.
- Sumpter, John E., Minneapolis, Minn., assignor to Delta-Star Electric Company, Chicago, Ill. Cable connection. 1,930,154; Oct. 10.
- Sumpter, John E., Minneapolis, Minn., and A. Alsaker, assignors to Delta-Star Electric Company, Chicago, Ill. Electric cable clamping plate. 1,940,704; Dec. 26.
- Sumpter, Mayfield C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,912,603; June 6.
- Sun Oil Company. (See Alleman, Gellert, assignor.)
- Sun Oil Company. (See Angstadt, Harry F., assignor.)
- Sun Oil Company. (See Chatfield, Victor M., assignor.)
- Sun Oil Company. (See Pew, Arthur E., jr., assignor.)
- Sun Oil Company. (See Pew, A. E., jr., and Thayer, assignors.)
- Sun Oil Company. (See Pew, A. E., jr., and Thomas, assignors.)
- Sun Oil Company. (See Ritter, John A., assignor.)
- Sun Oil Company. (See Thomas, Henry, assignor.)
- Sun Oil Company. (See Thomas, Henry, Thayer, and Thorngate, assignors.)
- Sun Rubber Company, The. (See Smith, Thomas W., jr., assignor.)
- Sun-A-Sured, Inc. (See Pacini, August J., assignor.)
- Sun Bath Company. (See Collins, Berry, assignor.)
- Sunbeam Electric Manufacturing Company. (See Richard, W. E., and Brackett, assignors.)
- Sunbury Converting Works, Inc. (See Reiman, Paul, assignor.)
- Sundahl, Clarence, Kansas City, Mo. Ball bearing. 1,906,433; May 2.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,893,379; Jan. 3.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,918,229; July 11.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 1,918,721; July 18.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Helical separable fastener. 1,937,297; Nov. 28.
- Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Wire separable fastener. 1,937,298; Nov. 28.
- Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company. Separable fastener. 1,937,299; Nov. 28.
- Sundberg, Carl E., Quincy, assignor to Albert & J. M. Anderson Manufacturing Company, South Boston, Mass. Dashpot for time switches. 1,907,131; May 2.
- Sundberg, Emanuel W., Brooklyn, assignor to International Communications Laboratories, Inc., New York, N. Y. Step-by-step transmitter. 1,895,110; Jan. 24.
- Sundblad, Folke W., Colorado Springs, Colo. Charging apparatus for open-heart furnaces. 1,922,987; Aug. 15.
- Sunde, Benjamin W. (See McCoy, A. G., and Sunde.)
- Sunde, Benjamin W., assignor to Blackwell & Sunde, Incorporated, Long Beach, Calif. Force measuring apparatus. 1,907,461; May 9.
- Sundee, John R., assignor to Buffalo Jewelry Case Co. Inc., Buffalo, N. Y. Jewelry display device. 1,907,681; May 9.
- Sunderland, Charles C., New Brunswick, assignor to John A. Roebling's Sons Company, Trenton, N. J. Method and apparatus for spinning bridge cables. 1,899,998; Mar. 7.
- Sunderland, Charles C., New Brunswick, assignor to John A. Roebling's Sons Company, Trenton, N. J. Compression joint and making the same. 1,910,269; May 23.

- Sunderland, Charles C., New Brunswick, assignor to John A. Roebling's Sons Company, Trenton, N. J. Compressed metal joint and making the same. 1,919,347; July 25.
- Sunderland, Sam, Lyndhurst, Keighley, and A. M. Midgley, Threshfield, near Skipton, England. Machine for generating the teeth of wheels. 1,908,195; May 9.
- Sundermann, H. Henry, executor. (See Klausmeyer, David C.)
- Sundh Electric Company. (See Deans, William, assignor.)
- Sundholm, Frans J., Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Side bearing. 1,901,675; Mar. 14.
- Sundin, Theodore, New York, assignor to Sagamor Metal Goods Corporation, New York, N. Y. Vanity box or similar article. Des. 90,170; June 20.
- Sundling, Fritz R., assignor of one-fourth to A. J. Christenson, Chicago, Ill. Airplane. 1,906,017; Apr. 25.
- Sundling, Fritz R., assignor of one-fourth to A. J. Christenson, Chicago, Ill. Airplane. 1,906,018; Apr. 25.
- Sundling, Fritz R., and C. and H. Fredberg, Chicago, Ill. Refrigerated display counter. 1,940,515; Dec. 19.
- Sundlöf, Gustav, Sodertälje, Sweden. Timber receiving apparatus for log saws. 1,925,470; Sept. 5.
- Sundock, Rose, Arrochar, Staten Island, N. Y. Powder spray and injector. 1,929,154; Oct. 3.
- Sundstrand Corporation. (See Anderson, Walter A., assignor.)
- Sundstrand Corporation. (See Sundstrand, Oscar J., assignor.)
- Sundstrand Engineering Company. (See Kiefer, William R., assignor.)
- Sundstrand, Gustaf D., assignor to Sundstrand Machine Tool Company, Rockford, Ill. Feed mechanism for machine tools. 1,931,171; Oct. 17.
- Sundstrand Machine Tool Co. (See De Vlieg, Charles B., assignor.)
- Sundstrand Machine Tool Co. (See Dumser, Leo A., assignor.)
- Sundstrand Machine Tool Co. (See Dumser, L. A., and Schroeder, assignors.)
- Sundstrand Machine Tool Co. (See Jackson, Paul S., assignor.)
- Sundstrand Machine Tool Co. (See Snyder, Walter M., assignor.)
- Sundstrand Machine Tool Company. (See Sundstrand, Gustaf D., assignor.)
- Sundstrand Machine Tool Co. (See Svenson, Ernest J., assignor.)
- Sundstrand, Oscar J., Rockford, Ill., assignor to Sundstrand Corporation, Wilmington, Del. Carriage-return mechanism. 1,901,135; Mar. 14.
- Sundstrand, Oscar J., Rockford, Ill., assignor to Sundstrand Corporation, Wilmington, Del. Drive for paper carriages. 1,911,536; May 30.
- Sundstrand, Oscar J., Rockford, assignor to Sundstrand Corporation, Wilmington, Del. Motor driven actuating mechanism for computing machines. 1,925,735; Sept. 5.
- Sundstrand, Oscar J., Rockford, Ill., assignor to Sundstrand Corporation, Wilmington, Del. Adding and subtracting machine. 1,934,747; Nov. 14.
- Sundstrom, Herman T., assignor of one-half to W. B. Nail, Houston, Tex. Melting pot for type-forming machines. 1,931,273; Oct. 17.
- Sundt, Albert. (See Peterson, C. H., Sundt, and Tibbetts.)
- Sundt, Edward V., Chicago, Ill. Fuse construction. 1,922,642; Aug. 15.
- Sundt, Edward V., and B. Kollath, Chicago, Ill. Electrical connector construction. 1,922,643; Aug. 15.
- Sunlight Electrical Company. (See Kingston, Frederick S., assignor.)
- Sunlight Electrical Manufacturing Company. (See Kingston, Frederick S., assignor.)
- Sunnen, Joseph. (See Dahlberg, Oscar A., assignor.)
- Sunnen, Joseph, Kirkwood, Mo. Honing device for cylinders. Re18,763; Mar. 14.
- Sunnen, Joseph, Kirkwood, Mo. Honing device. 1,904,336; Apr. 18.
- Sunnen, Joseph, Kirkwood, Mo. Combined valve lifter, spring compressor, and replacer. 1,905,012; Apr. 25.
- Sunnen, Joseph, Kirkwood, Mo. Valve lifting tool. 1,907,609; May 9.
- Sunnen, Joseph, Kirkwood, Mo. Valve spring split lock catcher. 1,910,572; May 23.
- Sunnen, Joseph, Kirkwood, Mo. Valve spring split lock catcher. 1,912,104; May 30.
- Sunnen, Joseph, Kirkwood, Mo. Honing machine for piston pin holes. 1,913,689; June 13.
- Sunnen, Joseph, Kirkwood, Mo. Split lock replacer. 1,915,839; June 27.
- Sunnen, Joseph, Kirkwood, Mo. Grinding machine guide block. 1,929,613; Oct. 10.
- Sunnen, Joseph, Kirkwood, Mo. Piston ring tool. 1,930,667; Oct. 17.
- Sunnen, Joseph, St. Louis, Mo. Wrist pin gauge. 1,897,774; Feb. 14.
- Sunnen, Joseph, St. Louis, Mo. Cylinder grinder. 1,902,194; Mar. 21.
- Sunserie, Samuel. (See Griffin, Claude, assignor.)
- Sunterbach Company, The. (See Cassell, John A., assignor.)
- Super, Frank J., Portland, Oreg. Air brake. 1,910,936; May 23.
- Super Cement Company, The. (See Lundteigen, John H., assignor.)
- Superfine Chemicals Limited. (See Dering, Henry O., assignor.)
- "Superflexit." (See Pohorejsky, Jacques, assignor.)
- Superheater Company, The. (See Alsberg, Julius, assignor.)
- Superheater Company, The. (See Armacost, Wilbur H., assignor.)
- Superheater Company, The. (See Armacost, W. H., and Swartz, assignors.)
- Superheater Company, The. (See Barnes, John A., assignor.)
- Superheater Company, The. (See Blome, August B., assignor.)
- Superheater Company, The. (See Brandt, Carl A., assignor.)
- Superheater Company, The. (See Broido, Benjamin N., assignor.)
- Superheater Company, The. (See Broido, B., and Le Vally, assignors.)
- Superheater Company, The. (See Carter, Douglas S., assignor.)
- Superheater Company, The. (See Droth, A., and Volland, assignors.)
- Superheater Company, The. (See Fischer, Theodor, assignor.)
- Superheater Company, The. (See Frank, Herbert, assignor.)
- Superheater Company, The. (See Geer, Henry E., assignor.)
- Superheater Company, The. (See Gordon, Charles W., assignor.)
- Superheater Company, The. (See Griffin, Joseph F., assignor.)
- Superheater Company, The. (See Griffin, J. F., and Williams, assignors.)
- Superheater Company, The. (See Hard, Malcolm, assignor.)
- Superheater Company, The. (See Hodell, Ernst A., assignor.)
- Superheater Company, The. (See Huft, André, assignor.)
- Superheater Company, The. (See Kavanagh, James F., assignor.)
- Superheater Company, The. (See Kershaw, George E., assignor.)
- Superheater Company, The. (See Magis, Auguste, assignor.)
- Superheater Company, The. (See McKee, Neal T., assignor.)
- Superheater Company, The. (See Oatley, Henry B., assignor.)
- Superheater Company, The. (See Ostermann, Rudolf M., assignor.)
- Superheater Company, The. (See Peperkorn, H., Wempe & Hartmann, assignors.)
- Superheater Company, The. (See Rudorff, Dagobert W., assignor.)
- Superheater Company, The. (See Scott, James K., assignor.)
- Superheater Company, The. (See Swartz, R. M., assignor, and Reed.)
- Superheater Company, The. (See True, Charles H., assignor.)
- Superheater Company, The. (See Wagner, Richard P., assignor.)
- Superheater Company, The. (See Whittle, Reginald W., assignor.)
- Superheater Company, The. (See Williams, Arthur, assignor.)
- Superior Body Company. (See Paul, Sydney, assignor.)
- Superior Carbon Products, Incorporated. (See Curtis, Arthur R., assignor.)
- Superior Engine Company. (See Sleffel, Charles C., assignor.)
- Superior Felt & Bedding Company. (See Canfield, Leo D., assignor.)
- Superior Manufacturing Company. (See Ryan, George E., assignor.)
- Superior Metal Products Company. (See Demers, Isaié J. B., assignor.)
- Superior Paper Products Company. (See Bohnke, Herman C., assignor.)
- Superior Paper Products Company. (See Lauth, E. J., and Bohnke, assignors.)
- Superior Portland Cement, Inc. (See Brooks, James P., assignor.)
- Superior Screw & Bolt Manufacturing Company, The. (See Simkins, H. D., and De Loe, assignors.)
- Superior Switchboard & Devices Company, The. (See Grace, Richard W., assignor.)
- Superior Tool and Die Company. (See Janiszewski, Kasimir, assignor.)
- Super-Marine Systems, Inc. (See Harper, William, jr., assignor.)
- Super Mold Corporation. (See Thurman, W. B., and Woock, assignors.)
- Super Mold Corporation. (See Woock, Herbert J., assignor.)
- Super-Mold Corporation. (See Woock, H. J., Peterson, and Caulfield, assignors.)
- Super Safety Switch Company. (See Luther, Martin P., assignor.)
- Superstat Company. (See Smith, Hazor J., assignor.)

- Super-Steel Products Company. (See Raschka, Charles, assignor.)
- Suppiceau, Charles L. H., Malakoff, and R. R. J. Guyot, Chatillon-Sous, Bagneux, France. Forming copying sheets. 1,911,592; May 30.
- Suppes, Max M., assignor to The Fox Furnace Company, Elyria, Ohio. Heating apparatus. 1,916,644; July 4.
- Suppes, Max M., assignor to The Fox Furnace Company, Elyria, Ohio. Heating apparatus. 1,939,602; Dec. 12.
- Supreme Council Order of the Amaranth. (See Everling, Harry F., assignor.)
- Supreme Instruments Corporation. (See Fausett, Floyd, assignor.)
- Surdy, Charles J. (See Surdykowski, Charles J.)
- Surdykowski, Charles J. (See Turner, E. A., and Surdykowski.)
- Surdykowski, Charles J., New York, N. Y., now by judicial change of name C. J. Surdy, assignor to Standard Stoker Company, Inc. Stoker. 1,909,236; May 16.
- Sure Guard Corporation. (See Teichner, R. R., and Yancey, assignors.)
- Surface Combustion Corporation. (See Barber, Hugh B., assignor.)
- Surface Combustion Corporation. (See Beam, Vilynn O., assignor.)
- Surface Combustion Corporation. (See Bell, William D., assignor.)
- Surface Combustion Corporation. (See Branche, Nelson T., assignor.)
- Surface Combustion Corporation. (See Branche, N. T., and Beam, assignors.)
- Surface Combustion Corporation. (See Burke, Stephen P., assignor.)
- Surface Combustion Corporation. (See Cochran, Ralf S., assignor.)
- Surface Combustion Corporation. (See Cowan, Roysel J., assignor.)
- Surface Combustion Corporation. (See Cowan, R. J., and Cullen, assignors.)
- Surface Combustion Corporation. (See De Croiols, E. G., and Williams, assignors.)
- Surface Combustion Corporation. (See Hepburn, W. M., and Feanside, assignors.)
- Surgident Co. (See Girvin, Edward, assignor.)
- Surgident, Ltd. (See van Rossem, Walter J., assignor.)
- Susi, Michelangelo, assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric. Des. 90,392; July 25.
- Susi, Michelangelo A., New York, N. Y. Textile or the like. Des. 91,147; Dec. 5.
- Susi, Michelangelo A., New York, N. Y. Textile fabric or the like. Des. 91,148; Dec. 5.
- Susi, Michelangelo A., assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,348; July 18.
- Susi, Michelangelo A., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,514; Aug. 15.
- Sussan, Max H. (See Bachard, Frank L., assignor.)
- Sussman, Leon, Bayonne, assignor of one-half to J. F. Wilgus, Elizabeth, N. J. Tube threading die stock. 1,934,777; Nov. 14.
- Sustins, Walter O., assignor to Sommers Bros. Appliance Co., Saginaw, Mich. Worktable. 1,897,152; Feb. 14.
- Sutcliffe, Arthur G., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Radiator. 1,915,805; June 27.
- Sutcliffe, Arthur G., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Damping device for shutters. 1,917,340; July 11.
- Sutcliffe, Edwin A., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,932,558; Oct. 31.
- Sutcliffe, Harry L., Brooklyn, N. Y. Shoe and process of manufacture. 1,939,527; Dec. 12.
- Suter, Hans, Zurich, Switzerland. Production of artificial silk, particularly viscose silk. 1,907,610; May 9.
- Suter, Heinrich, assignor to Firm H. W. Egli A. G., Zurich, Switzerland. Calculating machine comprising axially displaceable setting wheels. 1,900,776; Mar. 7.
- Suter, Heinrich, assignor to the Firm H. W. Egli A. G., Zurich, Switzerland. Calculating machine. 1,915,037; June 20.
- Suter, Webb, Campbellsburg, Ky. Surgical table. 1,909,237; May 16.
- Sutherland, Brian P. (See McCallum, A. L., Sutherland, and Thompson.)
- Sutherland, Daniel M., jr., Morrisville, Lower Wakefield Township, Bucks County, Pa. Manufacture of fiber sheets and apparatus therefor. 1,920,481; Aug. 1.
- Sutherland, Frederick R., and C. W. Bell, Harrodsburg, Ky. Light attachment. 1,926,755; Sept. 12.
- Sutherland, Harry H. (See Jenks, S. M., and Sutherland.)
- Sutherland, Louis W., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 1,912,736; June 6.
- Sutherland, Louis W., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box. 1,932,197; Oct. 24.
- Sutherland, Louis W., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 1,940,336; Dec. 19.
- Sutherland Paper Company. (See Rutledge, Robert E., assignor.)
- Sutherland Paper Company. (See Sutherland, Louis W., assignor.)
- Sutherland, Wallace B., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,905,575; Apr. 25.
- Sutherland, Wallace B., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,905,576; Apr. 25.
- Sutherland, Lee. (See Kimmell, W. J., and Sutherland.)
- Sutherland, Lee, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Minimizing harmonics in radio receiver output circuits. 1,916,446; July 4.
- Sutherland, Lee, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube filament structure. 1,937,856; Dec. 5.
- Sutliff, James T., assignor to Mueller Co., Decatur, Ill. Lubricated gas stop. 1,940,378; Dec. 19.
- Sutliffe, Frank C., San Francisco, Calif. Illuminated sign. 1,903,537; Apr. 11.
- Sutter, Erwin L., assignor to The Sukete Investment Company, St. Paul, Minn. Progressive distributing lubricator. 1,900,745; Mar. 7.
- Sutter, Theodor. (See Schetelig, P., and Sutter.)
- Sutton, Charles Z., Piedmont, assignor to Instograph Ltd., Oakland, Calif. Machine base. 1,894,453; Jan. 17.
- Sutton Engineering Company. (See Wise, George A., assignor.)
- Sutton, Francis M., New York, N. Y. Refrigerator construction. 1,916,852; July 4.
- Sutton, George A., Pontiac, Mich. Valve core of the sealing and poppet type. 1,934,572; Nov. 7.
- Sutton, George A., Pontiac, Mich., assignor to Tire Pop Valve Company. Tire pop valve. 1,934,571; Nov. 7.
- Sutton, Gerald J. (See Hamilton, M., and Sutton.)
- Sutton, Grover C., and P. H. Witschge, assignors to General Machinery Company, Spokane, Wash. Compressor and valve therefor. 1,901,478; Mar. 14.
- Sutton, Harry G., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Garment press. 1,923,516; Aug. 22.
- Sutton, Hubert, A. J. Sidery, and B. Evans, South Farnborough, England. Hardening alloy steel. 1,902,676; Mar. 21.
- Sutton, Leon E., Syracuse, assignor to The Chemical Foundation Incorporated, New York, N. Y. Epithelial cell-growth stimulant. 1,926,797; Sept. 12.
- Sutton, Park N., Dayton, Ohio. Oxygen controlling apparatus. 1,926,069; Sept. 12.
- Sutton, Walter, assignor to Pacific Gun Sight Company, San Francisco, Calif. Tool for reloading ammunition for pistols and rifles. 1,933,940; Nov. 7.
- Sutton, Wiley F., Gladewater, and J. P. Hensler, Corsicana, Tex. Hydraulic belt stretcher. 1,894,298; Jan. 17.
- Sutton, William S., Rockford, Ill. Radio apparatus. 1,906,189; Apr. 25.
- Suydam, Clinton H., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Signaling system. 1,895,111; Jan. 24.
- Suzuki, Junichi, assignor to Gunze Seishi Kabushiki Kaisha, Kyoto-fu, Japan. Producing microscopic specimens for the observation of the surfaces of substances. 1,918,619; July 18.
- Suzuki, Masuhiro. (See Matsunawa, S., Nozawa, and Suzuki.)
- Suzuki, Motomatsu. (See Asao, S., and Suzuki.)
- Suzuki, Saburo, Shizuoka-shi, assignor to Shizuoka Boeki Kabushiki Kaisha, Shizuoka-Ken, Japan. Tea container. 1,896,981; Feb. 7.
- Suzuki, Tsuneo, assignor to Zaidan Hojin Rikagaku Kenkyujo, Tokyo, Japan. Projecting screen. 1,926,923; Sept. 12.
- Svalland, Jeanie, Brooklyn, N. Y. Medicine cabinet. 1,908,797; May 16.
- Svebilus, Henry M., Evanston, Ill., assignor to Michigan Tool Company. Machine tool. 1,910,649; May 23.
- Svebilus, Henry M., assignor to The Toy Tinkers, Inc., Evanston, Ill. Toy-supported motor. 1,915,840; June 27.
- Svejda, George, jr., Chicago, Ill. Window chair. 1,912,319; May 30.
- Svensden, Svend S., Chicago, Ill., assignor of one-half to George Birkenstein. Preparing a lead carbonate product. 1,898,405; Feb. 21.
- Svensden, Svend S., assignor to Clay Reduction Company, Chicago, Ill. Production of aluminum chloride and alumina. 1,904,762; Apr. 18.
- Svensden, Svend S., assignor to Clay Reduction Company, Chicago, Ill. Manufacture of silicon-diamminotetrafluoride. 1,911,004; May 23.
- Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
- Svenska Aktiebolaget Mono. (See Rodhe, Olof, assignor.)
- Svenson, Ernest J., et al. (See Wahlmark, Gunnar A., assignor.)
- Svenson, Ernest J., Rockford, Ill. Cam milling attachment for lathes and other machine tools. 1,894,719; Jan. 17.
- Svenson, Ernest J., Rockford, Ill. Adjustable displacement gear pump. 1,912,737; June 6.
- Svenson, Ernest J., Rockford, Ill. Multipressure gear pump. 1,912,738; June 6.
- Svenson, Ernest J., Rockford, Ill. Valve construction. 1,924,422; Aug. 29.
- Svenson, Ernest J., Rockford, Ill. Plunger pump. 1,924,423; Aug. 29.

- Svenson, Ernest J., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Spindle construction for machine tools. 1,909,135; May 16.
- Svenson, Ernest J., assignor to Sundstrand Tool Co., Rockford, Ill. Milling machine. 1,912,413; June 6.
- Svenson, Karl G., Uppsala, Sweden. Arrangement in boats. 1,913,095; June 6.
- Svenson, Sven, San Francisco, Calif. Power actuator. 1,940,980; Dec. 26.
- Svensson, Oskar, Daglosen, Sweden. Apparatus for spreading fly-killing liquids on a carrier. 1,915,583; June 27.
- Svensson, Samuel G., Stockholm, Sweden. Vacuum cleaner. 1,915,073; June 20.
- Svensson, Victor A., Montclair, assignor to The Bates Manufacturing Company, West Orange, N. J. Fastening machine. 1,897,625; Feb. 14.
- Svensson, Victor A., Montclair, assignor to The Bates Manufacturing Company, West Orange, N. J. Numbering machine. 1,906,019; Apr. 25.
- Svensson, Victor A., Montclair, assignor to The Bates Manufacturing Company, West Orange, N. J. Fastening machine and wire mounting therefor. 1,934,104; Nov. 7.
- Swager, Desmond K., Los Angeles, Calif., assignor to L. Benoit, Chicago, Ill. Egg case filler. 1,937,603; Dec. 5.
- Swahn, Adolph, Ellsworth, Wis. Locking system for strong boxes. 1,902,195; Mar. 21.
- Swails, James L., Portland, Oreg., assignor to Bellingham Chain and Forge Company, South Bellingham, Wash. Oar or canoe paddle. 1,894,499; Jan. 17.
- Swain, Archie H., Brooklyn, N. Y. Gas burner. 1,939,240; Dec. 12.
- Swain, Joseph G. (See Woodward, A. W., and Swain.)
- Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel. 1,911,593; May 30.
- Swain, Joseph M., Mount Pleasant, Mich. Windshield warmer and ventilator. 1,936,776; Nov. 28.
- Swallen, James W., Kansas City, Mo. Tire pressure indicator. 1,921,550; Aug. 8.
- Swallen, Lloyd C., and J. Martin, assignors to Commercial Solvents Corporation, Terra Haute, Ind. Production of dimethyl amine. 1,926,691; Sept. 12.
- Swallow, Francis P., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dispensing container. 1,919,605; July 25.
- Swallow, Gerald, Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Dust guard. 1,933,456; Oct. 31.
- Swallow, Joseph, Berwyn, assignor to Temple Corporation, Chicago, Ill. Sound reproducing device. 1,930,186; Oct. 10.
- Swan, Fillmore D. (See Dyer, H. T., Liebert, and Swan.)
- Swan-Finch Oil Corporation. (See Lange, A. R., and Mason, assignors.)
- Swan, Harry, New York, N. Y. Vending machine. 1,935,184; Nov. 14.
- Swan, Joseph H., 3d, assignor to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 1,895,527; Jan. 31.
- Swanberg, Julius, Chicago, Ill. Fishhook holder. 1,934,748; Nov. 14.
- Swaninger, William, assignor to The Telescope Cot Bed Company, Granville, N. Y. Folding chair. 1,923,517; Aug. 22.
- Swank, James W., Chicago, assignor of one-half to R. M. Calkins, Deerfield, Ill. Building construction. 1,925,417; Sept. 5.
- Swank, James W., Chicago, assignor of one-half to R. M. Calkins, Deerfield, Ill. Building construction. 1,925,418; Sept. 5.
- Swank, Luke H. (See Bowman, Carl O., assignor.)
- Swank, Rehl W. (See Fagan, C. D., and Swank.)
- Swank, Rehl W. (See Fagan, C. D., Ehrlich, and Swank.)
- Swank, Rehl W., assignor to Sharpville Boiler Works Co., Sharpville, Pa. Coupling. 1,900,208; Mar. 7.
- Swann Research, Incorporated. (See Booth, Charles F., assignor.)
- Swann Research Incorporated. (See Carothers, John N., assignor.)
- Swann Research, Inc. (See Deutman, Frank R., assignor.)
- Swann Research, Inc. (See Durgin, C. B., and Jenkins, assignors.)
- Swann Research, Incorporated. (See Jenkins, Russell L., assignor.)
- Swann Research, Inc. (See Logue, P., and Schilb, assignors.)
- Swann Research, Incorporated. (See Masin, Jacob S., assignor.)
- Swann Research, Inc. (See Scott, Thomas J., assignor.)
- Swann Research, Inc. (See Warning, W. G., and Schilb, assignors.)
- Swann, Sherlock, jr. (See Keyes, Donald B., and Swann, jr.)
- Swannberg, Gunnar, and E. J. Kingsbury, assignors to Kingsbury Machine Tool Corporation, Keene, N. H. Multiple head automatic drilling machine. 1,918,150; July 11.
- Swanson, Albert, assignor of one-third to Idris Thomas, Whittier, and one-third to W. D. Shaffer, Brea, Calif. High pressure valve or cock. 1,927,855; Sept. 26.
- Swanson, Alfred E., Palm Beach, Fla. Artificial denture brush. 1,909,432; May 16.
- Swanson, Andrew W., assignor to Wedge Lock Tool Company, Chicago, Ill. Cutting tool. 1,912,666; June 6.
- Swanson, Andrew W., assignor to Illinois Tool Company, Chicago, Ill. Clamping device. 1,919,812; July 25.
- Swanson, Carl O., Minneapolis, Minn. Antidrip bottle. 1,929,221; Oct. 3.
- Swanson, Carl O., Minneapolis, Minn. Ventilator. 1,934,337; Nov. 7.
- Swanson, Charles V., Velve, N. Dak. Ventilating device for window sashes. 1,935,254; Nov. 14.
- Swanson, Clarence S., assignor to Standard Forgings Company, Chicago, Ill. Apparatus for making forged steel wheels. 1,897,645; Feb. 14.
- Swanson, Clarence S., assignor to Standard Forgings Company, Chicago, Ill. Making forged steel wheels. 1,897,646; Feb. 14.
- Swanson, Earl R., assignor to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Railway car. 1,901,008; Mar. 14.
- Swanson, Earl R., assignor to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Railway car. 1,901,009; Mar. 14.
- Swanson, Earl R., assignor to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Railway car. 1,921,106; Aug. 8.
- Swanson, Earl R., Chicago, Ill., and L. L. Markel, Warren, Ohio, assignors to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Cover. 1,933,569; Nov. 7.
- Swanson, Edwin C. (See Abramson, J. H., and Swanson.)
- Swanson, Ernest G., Upper Darby, Pa., assignor to General Electric Company. Electrical apparatus. 1,904,565; Apr. 18.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Supply-holder. 1,895,215; Jan. 24.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 1,895,741; Jan. 31.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 1,899,651; Feb. 28.
- Swanson, Ernest R., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Winding device. 1,936,036; Nov. 21.
- Swanson, Harry R. (See Primrose, J., and Swanson.)
- Swanson, Hjalmar A., Chicago, Ill., assignor to Cummins Perforator Company. Type carrying cylinder. 1,905,526; Apr. 25.
- Swanson, John T., Company. (See Okun, Nathaniel N., assignor.)
- Swanson, Oscar A., Erie, Pa. Wringer. 1,895,403; Jan. 24.
- Swanson, Peter, Ely, Minn. Switch stand lock. 1,907,611; May 9.
- Swanson, Reynold A., Montrose, S. Dak. Egg crate top holder. 1,906,344; May 2.
- Swanson, Selvior A., Chicago, Ill. Reproducing pneumatic operator for typewriters. 1,904,633; Apr. 18.
- Swanson, Swan J., St. Louis, Mo. Rotary amusement device. 1,901,935; Mar. 21.
- Swanson, Walter H., Menasha, assignor to Paper Patents Company, Neenah, Wis. Device for distributing wood chips in pulp digesters. 1,936,341; Nov. 21.
- Swanson, William E., Weehawken, N. J. Pavement and making the same. 1,938,644; Dec. 12.
- Sward, Fred. (See Firestone, V. S., and Sward.)
- Sward, George G., Tacoma Park, Md. Surface testing apparatus. 1,935,752; Nov. 21.
- Swarfvar, John W., Seattle, Wash. Mechanism for cutting a loose packing material. 1,928,322; Sept. 26.
- Swart, Clarence A., assignor to Rollway Bearing Company Inc., Syracuse, N. Y. Antifriction bearing. 1,907,015; May 2.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 1,911,480; May 30.
- Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 1,911,481; May 30.
- Swart, William D., assignor to American Box & Lumber Company, Nashua, N. H. Box construction. 1,914,180; June 13.
- Swarts, Theodore S., Burlington, Wash. Ironing board. 1,927,351; Sept. 19.
- Swartwout Company, The. (See Barrett, Joseph M., assignor.)
- Swartwout Company, The. (See Barrett, J. M., and Fritze, assignors.)
- Swartwout Company, The. (See Mastenbrook, Henry J., assignor.)
- Swartz, Carl E., Highland Park, and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Cadmium-nickel alloy. 1,904,175; Apr. 18.
- Swartz, Carl E., Highland Park, and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Cadmium-nickel alloy. 1,904,176; Apr. 18.
- Swartz, David J., New York, N. Y. Demonstration apparatus. 1,932,609; Oct. 31.
- Swartz, George A., Westwood, N. J., assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Automatic measuring device. 1,938,942; Dec. 12.

- Swartz, Guy E., Detroit, Mich. Driving-locking mechanism. 1,932,053; Oct. 24.
- Swartz, John, Luckey, Ohio. Folding table. 1,925,216; Sept. 5.
- Swartz, Leslie L., San Bernardino, and R. E. Upright, San Fernando, Calif. Hard fuel orchard heater. 1,938,645; Dec. 12.
- Swartz, Noah A., and John W. Lewis, Pueblo, Colo. Lifting device for trucks and vehicles. 1,914,308; June 13.
- Swartz, Ralph M. (See Armacost, W. H., and Swartz.)
- Swartz, Ralph M., Bogota, N. J., and C. S. Reed, said Swartz assignor to The Superheater Company, New York, N. Y. Heat exchanger. 1,935,066; Nov. 14.
- Swartz, Richey L., Canton, Ohio. Vacuum cleaner. 1,939,579; Dec. 12.
- Swartz, Rutherford J. (See Dudley, D. G., Miner, and Swartz.)
- Swartz, Stephen, Long Beach, Calif., assignor to Jenkins Petroleum Process Company, Chicago, Ill. Conversion of hydrocarbon oil into motor and marine fuel. 1,913,619; June 13.
- Swayze, Clare S., assignor to Delco-Remy Corporation, Anderson, Ind. Coil test apparatus. 1,906,020; Apr. 25.
- Sweaney, Ross R. (See Roy, K. H., and Sweaney.)
- Sweany, James W., assignor to H. B. Products Co., Inc., Brockton, Mass. Coating leather with fabric. 1,928,606; Sept. 26.
- Swearingen, Garrett V., and E. S. Dixon, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Corrosion resistant lining for cracking apparatus. 1,920,534; Aug. 1.
- Swearingen, Lee Bakersfield, Calif. Machine for refinishing roads. 1,938,755; Dec. 12.
- Sweasey, Cora F., Denver, Colo. Egg container. 1,907,462; May 9.
- Swchilius, Carl G., New Haven, Conn. Firearm. 1,923,871; Oct. 3.
- Swedish American Prospecting Corporation. (See Hedstrom, Erik H., and Zuschlag, assignors.)
- Swedish American Prospecting Corporation. (See Lundberg, H. T. F., and Kihlstedt, assignors.)
- Swedish American Prospecting Corporation. (See Zuschlag, Theodor, assignor.)
- Sweeley, Edward A., Alexandria, Va., and N. T. Anderson, Washington, D. C. Heater for refrigerator cars and other structures. 1,905,954; Apr. 25.
- Sweeney, Bernard J., Malden, Mass. Pressure reducing valve. 1,893,254; Jan. 3.
- Sweeney Bros. (See Sweeney, James T., assignor.)
- Sweeney, Floyd De C., Fresno, Calif. Fishing lure. 1,894,500; Jan. 17.
- Sweeney, George K., et al. (See Williams, Armand A., assignor.)
- Sweeney, James A., Providence, R. I. Ophthalmic mounting and making the same. 1,899,736; Feb. 28.
- Sweeney, James T., assignor to Sweeney Bros., Scranton, Pa. Road guard. 1,903,725; Apr. 11.
- Sweeney, John N. (See Bright, K. C., and Sweeney.)
- Sweeney, John T., Kansas City, Mo. Smoker's pipe. 1,914,930; June 20.
- Sweeney, Leo S. (See Darrow, M. S., and Sweeney.)
- Sweeney Lithograph Co. (See Watson, John, assignor.)
- Sweeney, Orland R., Ames, Iowa, assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Regenerating base-exchange substances. 1,903,949; Apr. 18.
- Sweeney, Orland R., Ames, Iowa, assignor, by mesne assignments, to The Permutit Company, Wilmington, Del. Preventing the growth of algæ. 1,915,874; June 27.
- Sweeney, Orland R., assignor to Iowa State College of Agriculture and Mechanical Arts, Ames, Iowa. Producing synthetic lumber that is not attacked by insects. 1,937,366; Nov. 28.
- Sweeney, Orland R., assignor to Iowa State College of Agriculture and Mechanical Arts, Ames, Iowa. Producing synthetic lumber that is not attacked by insects. 1,938,227; Dec. 5.
- Sweeney, Orland R., assignor to Iowa State College of Agriculture and Mechanical Arts, Ames, Iowa. Process and apparatus for electrolytic production of carrel-dakin solution. 1,940,612; Dec. 19.
- Sweeney, Orland R., Ames, Iowa, and T. B. Clark, Rockford, Ill., assignors, by mesne assignments, to The Permutit Company, Wilmington, Del. Actuating water softeners. 1,931,968; Oct. 24.
- Sweeney, Raymond V., Brooklyn, N. Y. Apparatus for forming golf ball tees. 1,896,922; Feb. 7.
- Sweeney, Richard L., Cincinnati, Ohio. Ceiling or finishing plate structure for pipe systems. 1,918,722; July 18.
- Sweeney, Stella M., Chicago, Ill. Doll. Des. 89,803; May 2.
- Sweeny, Frank C., assignor to The Willys Overland Co., Toledo, Ohio. Accelerator pedal. 1,918,218; July 11.
- Sweeper-Vac Company. (See Richardson, L. W., and Wassall, assignors.)
- Sweet, Agnes G., Pawtucket, R. I. Cigarette holder. 1,904,903; Apr. 18.
- Sweet, Carl C. (See Claybourn, L. W., and Sweet.)
- Sweet, Donald H., et al. (See Spangler, James A., assignor.)
- Sweet, Donald H., Evanston, assignor to The Logan-Long Company, Chicago, Ill. Building materials. 1,926,070; Sept. 12.
- Sweet, Donald H., Evanston, assignor to The Logan-Long Company, Chicago, Ill. Building material. 1,934,831; Nov. 14.
- Sweet, Harold E. (See Baker, Kenneth H., assignor.)
- Sweet, Roger J., Buffalo, N. Y. Flying machine. 1,940,108; Dec. 19.
- Sweetland, Ernest J., Piedmont, Calif. Apparatus for reconditioning used oil. 1,901,010; Mar. 14.
- Sweets Laboratories, Inc. (See Barker, John O., assignor.)
- Sweets Laboratories, Inc. (See Meigs, Joseph V., assignor.)
- Swegles, Ira B., assignor to Hudson Motor Car Company, Detroit, Mich. Making spline shafts. 1,907,897; May 9.
- Sweigard, Emanuel W. (See Palmer, J., and Sweigard.)
- Sweigart, Frank T., Port Washington, assignor to International Motor Company, New York, N. Y. Fan belt pulley. 1,915,107; June 20.
- Sweltzer, Martin, Chicago, Ill. Toy container. 1,928,323; Sept. 26.
- Swendsen, Johan W., Oslo, Norway. Induction motor with short-circuited secondary. 1,893,112; Jan. 3.
- Swendsen, Johan W., Oslo, Norway. Induction motor with short circuited secondary. 1,898,749; Feb. 21.
- Swensen, Christian, Duluth, Minn. Nut cracker. Des. 90,428; Aug. 1.
- Swenson, Axel A. (See Coultas, W. J., Swenson, and Lopez.)
- Swenson, Carl E., assignor to Mechanics Universal Joint Company, Rockford, Ill. Shaft connection for universal joint assemblies. 1,925,419; Sept. 5.
- Swenson, John F., Duluth, Minn. Fence post anchor. 1,904,177; Apr. 18.
- Swenson, John R., Portland, Oreg. Screw cap jar wrench. 1,913,906; June 13.
- Swenson, William E., St. Paul, assignor to Minneapolis-Moline Power Implement Company, Hopkins, Minn. Internal combustion engine. 1,929,265; Oct. 3.
- Swerdlow, Nathan. (See Hill, C. H., and Swerdlow.)
- Swerer, Millard F., Jamestown, Calif. Adjustable door hinge. 1,900,081; Mar. 7.
- Swerissen, Herman T., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Blowing asphalt. 1,912,667; June 6.
- Swern, William E., Kokomo, Ind., assignor, by mesne assignments, to P. A. Frank, Akron, Ohio. Tire building drum. 1,911,594; May 30.
- Swertfefer, Harold C., Joyner, Va. Wood peeling machine. 1,910,133; May 23.
- Swett, Edward R., Jr., Muskegon, Mich. Fire alarm system. 1,929,759; Oct. 10.
- Swezey, Joel L., Compton, Calif., assignor to Pneumatic Indicator Company. Pressure signaling indicator. 1,932,428; Oct. 31.
- Swezey, William F., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 1,894,285; Jan. 17.
- Swick, Seward E. (See Bishop, L. C., and Swick.)
- Swift & Anderson, Inc. (See Connors, Herbert A., assignor.)
- Swift & Company. (See Bollens, W. F., and Newton, assignors.)
- Swift & Company. (See Brock, Melville L., assignor.)
- Swift & Company. (See Christopher, E. F., and De Beukelaer, assignors.)
- Swift and Company. (See Covey, John E., assignor.)
- Swift and Company. (See Davis, Elmer M., assignor.)
- Swift and Company. (See Deutsch, Morris, assignor.)
- Swift and Company. (See De Vout, A. W., and Regensburger, assignors.)
- Swift and Company. (See McKee, Harry H., assignor.)
- Swift and Company. (See Mehl, Arthur J., assignor.)
- Swift and Company. (See Newton, R. C., and Grette, assignors.)
- Swift & Company. (See Paddock, Levi S., assignor.)
- Swift & Company. (See Parsons, Clinton H., assignor.)
- Swift & Company. (See Richardson, William D., assignor.)
- Swift & Company. (See Schuler, Gustave, assignor.)
- Swift and Company. (See Washburn, John H., assignor.)
- Swift & Company. (See Zeigler, Clarence C., assignor.)
- Swift, Clement K., Upper Darby, Pa., assignor to McAndrews & Forbes Company, Camden, N. J. Wall board and joint. 1,939,528; Dec. 12.
- Swift, Edwin M., South Bend, and M. I. Holdeman, Elkhart, Ind. Truck body. 1,908,457; May 9.
- Swift Electric Welder Company. (See Woofter, Herbert A., assignor.)
- Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordenon, N. J. Mechanical movement for intermittent motion. 1,916,871; July 4.
- Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)
- Swift, Justin R., Chicago, Ill. Adjustable stamp rack. 1,928,512; Sept. 26.
- Swift, Thomas B. (See Maier, Charles G., assignor.)
- Swift, Willard E. (See Charron, R. C., and Swift.)
- Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Dispensing container for nested articles. 1,915,006; June 20.
- Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Metallic fastener for envelopes. 1,933,035; Oct. 31.

- Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 1,935,135; Nov. 14.
- Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Paper drinking cup and manufacture of same. 1,939,797; Dec. 19.
- Swifton Manufacturing Company. (See Stresau, Richard, assignor.)
- Swikart, George, Riverdale, N. Y. Intercentric gauge. 1,929,525; Oct. 10.
- Swindell-Dressler Corporation. (See Dressler, Conrad, assignor.)
- Swindell-Dressler Corporation. (See Dressler, P. d'H., assignor.)
- Swindell, William & Brothers. (See Hanff, Edward A., assignor.)
- Swindin, Norman, Acton, London, England. Apparatus comprising siphons. 1,901,785; Mar. 14.
- Swinder, Harry M., Dayton, assignor to The James Lefell & Company, Springfield, Ohio. Stoker. 1,917,404; July 11.
- Swinder, Harry M., Dayton, assignor to The James Lefell & Company, Springfield, Ohio. Stoker. 1,931,172; Oct. 17.
- Swinehart, George E., Buffalo, N. Y., assignor, by mesne assignments, to American Ore Reclamation Company, Chicago, Ill. Sintering machine. 1,902,918; Mar. 28.
- Swinglehurst, Harry, Jr. (See Page, A. E., and Swinglehurst.)
- Swinglehurst, Harry, Orange, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Knitting machine. 1,912,320; May 30.
- Swinglehurst, Harry, Orange, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Feed mechanism for knitting machines. 1,938,673; Dec. 12.
- Swinney Brothers Limited. (See Zulver, Cornelius, assignor.)
- Swint, William V., Lubbock, Tex. Automatic cut-out. 1,928,189; Sept. 26.
- Swisher, Samuel C., San Jose, Calif. Rope clamp. 1,903,148; Mar. 28.
- Swisher, Thomas H., Schenectady, N. Y., assignor to General Electric Company. Apparatus for and method of making ice cream or the like. 1,916,746; July 4.
- Swiss Locomotive and Machine Works. (See Stiefel, Ernst, assignor.)
- Swiss Locomotive and Machine Works. (See Vonruti, Hans, assignor.)
- Swiss Locomotive and Machine Works. (See Wuterich, Eugen, assignor.)
- Swissler, Herman, assignor to Louis Biegler Company, Chicago, Ill. Metal window sash and the like. 1,913,521; June 13.
- Switzer, Sam, Casper, Wyo. Vehicle seat. 1,936,973; Nov. 28.
- Swoboda, Theodore L., et al. (See Cooper, Frederick R., assignor.)
- Swole, Paul C., Clinton, Conn. Self-closing outlet-fitting for air-gauges. 1,920,441; Aug. 1.
- Swoope, Charles C. (See Jolly, E. M., and Swoope.)
- Swope, Charles, and L. D. Laird, Columbus, Ohio. Dental brush. 1,937,857; Dec. 5.
- Sword, Rowland P., Philadelphia, Pa., assignor, by mesne assignments, to The Electric Incinerators Corporation. Incinerator firing element. 1,921,047; Aug. 8.
- Sword, Rowland P., assignor to Electric Incinerators Incorporated, Philadelphia, Pa. Electric incinerator. 1,921,790; Aug. 8.
- Swoyer, Fred, Silver Grove, Ky. Spike and nail extractor. 1,903,557; Apr. 11.
- Syfrig, Hans, Ruschlikon, near Zurich, Switzerland. Implement for slicing meats, vegetables, and so on. 1,893,113; Jan. 3.
- Sykes, Adrian F., New Barnet, England. Sound recording machine. 1,933,457; Oct. 31.
- Sykes, Cameron McG., Soho Foundry, assignor to W. & T. Avery Limited, Birmingham, England. Weighing apparatus. 1,936,178; Nov. 21.
- Sykes, John P., Wallingford, and W. T. Thompson, Ridley Park, Pa. Erecting locomotive cabs, car bodies, and jigs therefor. 1,893,456; Jan. 3.
- Sykes, Wesley P., Cleveland Heights, Ohio, assignor to General Electric Company, New York, N. Y. Metal working alloy. 1,894,836; Jan. 17.
- Sykes, Wilfred, Chicago, Ill. Apparatus for the manufacture of metal strips. 1,936,314; Nov. 21.
- Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Stretching machine. 1,903,638; Apr. 11.
- Sykes, Wilfred, assignor, by mesne assignments, to Clayton Mark & Company, Chicago, Ill. Apparatus for producing electrically welded pipe and tubing. 1,920,900; Aug. 1.
- Sylva, John J., assignor to California Cedar Products Company, Stockton, Calif. Apparatus for handling green plaster board. 1,940,154; Dec. 19.
- Sylvan, Stig G., Bradford, Pa., assignor, by mesne assignments, to American Air Filter Company, Inc., Louisville, Ky. Sinuous air filter and medium. 1,926,924; Sept. 12.
- Sylvander, Roy C., and R. Beck, Bridgeport, Conn., assignors to Consolidated Ashcroft Hancock Company, New York, N. Y. Speed responsive appliance. 1,912,668; June 6.
- Sylvania Industrial Corporation. (See Neldich, Samuel A., assignor.)
- Sylvania Industrial Corporation. (See Wattleworth, Charles W., assignor.)
- Sylvester, Evander W. (See Harman, Hyde A., assignor.)
- Sylvester, Ewald, Granschütz, Germany. Window netting with rolling up device. 1,931,805; Oct. 24.
- Sylvester, Louis G. (See Wells, C. B., and Sylvester.)
- Syme, Charles R., Detroit, Mich., assignor to L. F. Poock, Dayton, Ohio. Adjusting the plungers of measuring instruments. 1,921,791; Aug. 8.
- Syme, James, assignor to Clifton & Baird Limited, Johnstone, Scotland. Work clamp. 1,914,899; June 20.
- Symington Company, The. (See Barrows, Donald S., assignor.)
- Symington Company, The. (See Blattner, E. H., and Oeschger, assignors.)
- Symington Company, The. (See Casey, Howard T., assignor.)
- Symington Company, The. (See Couch, Glenn F., assignor.)
- Symington Company, The. (See Echols, J. E., and Stultz, assignors.)
- Symington Company, The. (See Kadel, Byers W., assignor.)
- Symington Company, The. (See Noser, Charles P., assignor.)
- Symington Company, The. (See Richards, Willard F., assignor.)
- Symington Company, The. (See Small, Arthur E., assignor.)
- Symington, Edith R., et al., executors. (See Symington, Thomas H.)
- Symington, Moses, New York, N. Y. Ceiling hanger. 1,941,282; Dec. 26.
- Symington, T. H., & Son, Inc. (See Drenning, Percy R., assignor.)
- Symington, T. H., & Son, Inc. (See Martin, Mark H., assignor.)
- Symington, T. H., & Son, Inc. (See Symington, Thomas H., assignor.)
- Symington, T. H., & Son, Inc. (See Symington, Thomas R., assignor.)
- Symington, Thomas H., deceased, by E. R. and T. R. Symington, executors, assignors to T. H. Symington & Son, Inc., Baltimore, Md. Truck side frame. 1,892,859; Jan. 3.
- Symington, Thomas H., deceased, by E. R. and T. R. Symington, executors, assignors to T. H. Symington & Son, Inc., Baltimore, Md. Truck side frame. 1,893,475; Jan. 3.
- Symington, Thomas H., deceased, by E. R. and T. R. Symington, executors, assignors to T. H. Symington & Son, Inc., Baltimore, Md. Truck side frame. 1,893,476; Jan. 3.
- Symington, Thomas H., deceased, Baltimore, Md., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Lateral motion truck for electric cars. 1,929,717; Oct. 10.
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Railway car truck springs. 1,905,252; Apr. 25.
- Symington, Thomas H., assignor to T. H. Symington & Son Inc., Baltimore, Md. Absorption shim for freight car trucks. 1,911,330; May 30.
- Symington, Thomas H., assignor to T. H. Symington & Son Inc., Baltimore, Md. Absorption shim for trucks. 1,911,331; May 30.
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Bolster bearing device. 1,921,894; Aug. 8.
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Journal box wedge and brass. 1,925,778; Sept. 5.
- Symington, Thomas H., assignor to T. H. Symington & Son, Inc., Baltimore, Md. Railway car truck spring. 1,930,630; Oct. 17.
- Symington, Thomas R., et al., executors. (See Symington, Thomas H.)
- Symington, Thomas R., Pasadena, assignor to T. H. Symington & Son, Inc., Baltimore, Md. Car body size bearing. 1,933,458; Oct. 31.
- Symmes, Whitman, San Francisco, Calif. Lighting fixture. 1,917,612; July 11.
- Symmonds, Charles J., Chevy Chase, Md. Article of furniture of the folding type. 1,916,288; July 4.
- Symmonds, Frank S. (See Poling, Harry A., assignor.)
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Crushing machine. 1,894,601; Jan. 17.
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Gyration cone crusher. 1,920,488; Aug. 1.
- Symons, Edgar B., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Fabric washer construction for crushing machinery and the like. 1,931,633; Oct. 24.
- Symons, Francis E., and F. M. Cowgill, assignors to Ralston Steel Car Company, Columbus, Ohio. Filter press. 1,903,368; Apr. 4.
- Synchrome Corporation. (See Wright, Walter L., assignor.)
- Synck, Henry, assignor to The New Idea Spreader Company, Coldwater, Ohio. Corn picking and husking machine. 1,910,189; May 23.
- Synthetic Fur Mills Corp. (See Benowitz, Aaron, assignor.)

- Synthetic Plastics Company. (See Pollak, F., and Kraus, assignors.)
- Synthetic Plastics Company Inc. (See Rossiter, E. C., and Davis, assignors.)
- Syntroon Company, The. (See Hampton, George E., assignor.)
- Sypher, Milford G., Jersey City, N. J., assignor to The Chilton Pen Company, Inc., Long Island City, N. Y. Fountain pen and the like. 1,917,185; July 4.
- Syphonator Company. (See Jacobs, C. H., and Nash, assignors.)
- Syracuse Chilled Plow Company. (See Cook, Curtiss L., assignor.)
- Syracuse Chilled Plow Company. (See Johnson, Elmo W., assignor.)
- Syracuse Stamping Company, The. (See Miller, C. F., and Kuckhoff, assignors.)
- Syracuse Trust Company, The. (See Axe, Roy T., assignor.)
- Syracuse Trust Company, The. (See Holt, Thomas W., assignor.)
- Syverud, Annar F. (See Zaloudek, W. A., Syverud, and Sayre.)
- Szabo, George A., Cleveland, Ohio. Gasoline gauge. 1,918,672; July 18.
- Szabo, Lewis G., Franklin, N. J. Shoe lace. 1,898,225; Feb. 21.
- Szatler, Louis, assignor of one-half to A. Czank, Hammond, Ind. Bank protector. 1,919,137; July 18.
- Szczerba, John, Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Tube frame for looms. 1,937,487; Nov. 28.
- Szegvari, Andrew. (See Klein, P., and Szegvari.)
- Szegvari, Andrew, assignor to American Anode, Inc., Akron, Ohio. Preparing latex compositions. 1,924,170; Aug. 29.
- Szegvari, Andrew, assignor to American Anode, Inc., Akron, Ohio. Treating rubber compositions. 1,924,576; Aug. 29.
- Szeliga, Anton, assignor of one-half to F. Tichy, New York, N. Y. Safety attachment for moving picture apparatus. 1,904,807; Apr. 18.
- Szepe, Joseph J., Pittsburgh, Pa. Gear shift for motor vehicles. 1,906,287; May 2.
- Szidon, Viktor, Paris, France. Manufacture of zinc white. 1,921,591; Aug. 8.
- Szizgeti, György, Újpest, near Budapest, assignor to Egyesült Izzólámpa és Villamosági részvénytársaság, Budapest, Hungary. Rectifying tube with glow discharge. 1,929,526; Oct. 10.
- Szilagyi, Joseph, New York, N. Y. Sanitary smoking stem for pipes, cigars, and the like. 1,921,792; Aug. 8.
- Szucs, Gergely, Astoria, N. Y. Steam trap. 1,896,733; Feb. 7.
- Szumkowski, Alkons J., Chicago, Ill. Swimming device. 1,917,613; July 11.
- Szydlowski, Josef, Baden-Baden, Germany. Air cooled two stroke cycle engine. 1,914,793; June 20.
- Szyminski, William, Lake View, assignor to Standard Mirror Company Inc., Buffalo, N. Y. Bracket for mirrors and the like. 1,910,864; May 23.
- Szyper, Charles, and E. Mihalek, assignors to O. D. Jennings & Company, Chicago, Ill. Coin chute mechanism. 1,912,802; June 6.
- T and A Manufacturing Company. (See Trautner, N. W., and Keenan, assignors.)
- T. & L. Company Incorporated. (See Stelljes, Fred D., assignor.)
- Tabb, Warner T., Gloucester, Va., assignor to Westinghouse Electric & Manufacturing Company. Electromagnetic valve. 1,914,181; June 13.
- Taber, George H., Binghamton, N. Y. Vehicle spring controlling means. 1,897,538; Feb. 14.
- Taber, George H., Binghamton, N. Y. Cover for use in testing vehicle wheels for misalignment. 1,901,786; Mar. 14.
- Taber, George H., Binghamton, N. Y. Wheel alignment gauge. 1,911,725; May 30.
- Taber, John E., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Overshoe. 1,892,791; Jan. 3.
- Taber, John E., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Footwear and making same. 1,924,663; Aug. 29.
- Taber, Louis J., Columbus, Ohio, assignor to The National Grange of the Patrons of Husbandry of Washington, D. C. Automobile radiator emblem. Des. 90,737; Sept. 19.
- Taber, Ralph F., North Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Making index strips. 1,937,858; Dec. 5.
- Tabor Manufacturing Company, The. (See Wallace, F. R., and Ramsden, assignors.)
- Tabulating Machine Company, The. (See Bryce, James W., assignor.)
- Tabulating Machine Company, The. (See Carroll, Fred M., assignor.)
- Tabulating Machine Company, The. (See Cunningham, James M., assignor.)
- Tabulating Machine Company, The. (See Daly, George F., assignor.)
- Tabulating Machine Company, The. (See Daly, G. F., and Page, assignors.)
- Tabulating Machine Company, The. (See Dechêne, Peter, assignor.)
- Tabulating Machine Company, The. (See Ford, Eugene A., assignor.)
- Tabulating Machine Company, The. (See Gutgesell, William E., assignor.)
- Tabulating Machine Company, The. (See Hoffman, Morris J., assignor.)
- Tabulating Machine Company, The. (See Jones, John T., assignor.)
- Tabulating Machine Company, The. (See Lake, Clair D., assignor.)
- Tabulating Machine Company, The. (See Lake, C. D., and Daly, assignors.)
- Tabulating Machine Company, The. (See Lee, F. L., and Phillips, assignors.)
- Tabulating Machine Company, The. (See Maul, Michael, assignor.)
- Tabulating Machine Company, The. (See McFall, Robert J., assignor.)
- Tabulating Machine Company, The. (See Mills, Albert W., assignor.)
- Tabulating Machine Company, The. (See Ogsbury, J. S., and Carroll, assignors.)
- Tabulating Machine Company. (See Page, R. E., and Lake, assignors.)
- Tabulating Machine Company, The. (See Peirce, John R., assignor.)
- Tabulating Machine Company, The. (See Reynolds, Lynus C., assignor.)
- Tabulating Machine Company, The. (See Tauschek, Gustav, assignor.)
- Tabulating Machine Company. (See Weinlich, Hermann A., assignor.)
- Tachi, Tadao, assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Fruit cutting machine. 1,903,854; Apr. 18.
- Tack Button Company. (See Freter, Roy J., assignor.)
- Täcklind, Sven M. Z. (See Jullig, Werner M. J., assignor.)
- Tada, Renzo, Tokyo-Fu, Japan. Apparatus for forming concrete piles. 1,900,622; Mar. 7.
- Tada, Manabu, Tokyo, Japan, assignor to F. W. Plane, Chicago, Ill. Making cementitious pipe. 1,932,150; Oct. 24.
- Tafel, Edward F., Painesville, Ohio. Reciprocating conveyor. 1,926,659; Sept. 12.
- Taft, Arthur E. (See Taft, Henry M. and A. E.)
- Taft, Henry M., Worcester, and A. E. Taft, Grafton, Mass. Salt and pepper shaker. 1,898,152; Feb. 21.
- Taft Oil Burner Company. (See Taft, William E., assignor.)
- Taft, William E., assignor to Taft Oil Burner Company, Athol, Mass. Liquid fuel burner. 1,901,271; Mar. 14.
- Taggart, James M., Port Washington, N. Y. Furnace. 1,903,521; Apr. 11.
- Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Fairchild, C. O., and Wilhelm, assignors.)
- Tagliabue, Charles J., Mfg. Co. (See Irwin, Lawrence C., assignor.)
- Tagliabue, Charles J., Mfg. Co. (See Wilhelm, R. M., and Lightner, assignors.)
- Tainton, Uryln C., St. Louis, Mo. Purification of solutions of zinc salts. 1,920,442; Aug. 1.
- Taisey, Fred R., Lowell, Mass., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,926,565; Sept. 12.
- Takács, Charles. (See Mate, G. S., and Takács.)
- Takahashi, Tatsumi, Higashi-Ku, Osaka, Japan. Apparatus for testing drills. 1,926,825; Sept. 12.
- Takahashi, Yunosuke, Montara, Calif. Flower support. 1,893,970; Jan. 10.
- Takakita, Shinjiro, Mie-Ken, Japan. Disintegrator for soil. 1,910,719; May 23.
- Takata, Yoshio, Kamikyoku, Kyoto, Japan. Process and apparatus for producing pulverized lead. 1,938,876; Dec. 12.
- Takayanagi, Kenjiro. (See Nakajima, T., and Takayanagi.)
- Takechi, Shoji-ko, Osaka, Japan. Concrete piling. Re18,893; July 11.
- Takeda, Kenjiro, Osaka, Japan. Decorating metal surfaces. 1,900,960; Mar. 14.
- Tal, Elias T., Amsterdam, Netherlands. Photographic printing by phosphorescent plates. 1,910,573; May 23.
- Talarico Bros. (See Benson, George O., assignor.)
- Talbot, Bryan B., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Reaming tool. 1,915,806; June 27.
- Talbot, David C., Chicago, Ill. Liquid level gauge. 1,908,196; May 9.
- Talbot, Frank A., Greenville, S. C. Coupling. 1,902,919; Mar. 28.
- Talbot, George W., Bloomington, Ind. Vegetable and fruit shipping basket. 1,902,196; Mar. 21.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reel. 1,905,192; Apr. 25.
- Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Roll mounting. 1,924,333; Aug. 29.
- Talbot, Lyman R., Port Washington, N. Y., assignor to Cement Gun Company. Caisson work. 1,894,206; Jan. 10.
- Talbot, Richard J., Springfield, Mass. Toothbrush. 1,896,982; Feb. 7.

- Talbot, William F., Auburndale, assignor, to Samson Cordage Works, Boston, Mass. Wrapped article and method. 1,937,468; Nov. 28.
- Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Spike puller. 1,893,719; Jan. 10.
- Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Endless track vehicle. 1,903,380; Apr. 4.
- Talboys, Henry H., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Cutter head and bit. 1,907,308; May 2.
- Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Rail clamping device. 1,935,753; Nov. 21.
- Talgman, Max, Brooklyn, N. Y. Motor attachment. 1,931,305; Oct. 17.
- Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Door operating mechanism. 1,909,024; May 16.
- Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Door operating mechanism. 1,921,849; Aug. 8.
- Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Elevator door operating mechanism. 1,927,559; Sept. 19.
- Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Door operating mechanism. 1,932,198; Oct. 24.
- Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Door operating mechanism. 1,932,199; Oct. 24.
- Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
- Talge, Foster L., operating as Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
- Taliaferro, Edward E., Jackson, Tenn. Picker head. 1,918,620; July 18.
- Taliaferro, Edward E., Jackson, Tenn. Pneumatic cotton picker. 1,927,723; Sept. 19.
- Talk-A-Print, Trust. (See Runyan, Arthur L., assignor.)
- Tall, Alma F., assignor of forty per cent to H. G. Lathrop, Ruth, Nev. Building. Des. 90,636; Sept. 5.
- Talley, Randal E., Irwin, Pa. Rotary hearth furnace. 1,913,999; June 13.
- Talley, Randal E., Irwin, assignor to George J. Hagan Company, Pittsburgh, Pa. Conveyer mechanism. 1,906,659; May 2.
- Talley, Randal E., Irwin, assignor to George J. Hagan Company, Pittsburgh, Pa. Pawl conveyer for continuous heating furnaces. 1,921,592; Aug. 8.
- Tallmadge, Andrew P., Washington, D. C. Cable armor cutter. 1,894,329; Jan. 17.
- Tallmadge, Richard E., Nutley, N. J., assignor to MacArthur Concrete Pile Corporation, New York, N. Y. Composite pile. 1,900,673; Mar. 7.
- Tallmadge, Webster, Montclair, N. J. Heating system and regulating apparatus therefor. 1,935,166; Nov. 14.
- Talt, Daniel H., Stockton, Calif. Pocket sheath for fountain pens. 1,921,270; Aug. 8.
- Tama, Cyran, Berlin-Schoneberg, Germany, assignor to Ajax Electrothermic Corporation, Trenton, N. J. Induction furnace for the heating of metals having a high melting point. 1,915,700; June 27.
- Tamagno, Claire, et al. (See Steinfeld, Harry, assignor.)
- Tamagno, Peter, Natick, Mass. Mold for cast stone and using the same. 1,902,977; Mar. 28.
- Tamarin, Bernard J., Philadelphia, Pa. Vacuum cleaner cord control device. 1,897,087; Feb. 14.
- Tamarin, Bernard J., Philadelphia, Pa. Vacuum cleaner handle structure. 1,902,593; Mar. 21.
- Tamarin, Bernard J., Philadelphia, Pa. Cord take-up structure. 1,921,438; Aug. 8.
- Tamarin, Bernard J., Philadelphia, Pa. Vacuum cleaner handle structure. 1,921,439; Aug. 8.
- Tamaru, Setsuro, Kamakura Gun, Kanagawa Ken, and Y. Koizumi, Ebara Gun, Tokyo Fu, assignors to Mitsubishi Kogyo Kabushiki Kaisha, Tokyo, Japan. Treating material containing tin. 1,902,735; Mar. 21.
- Tammany, Joseph A., Richmond Heights, Mo. Traveler's rosary. 1,938,727; Dec. 12.
- Tamminga, William, New York, N. Y. Pumping, agitating, and measuring system for liquids. 1,925,120; Sept. 5.
- Tapplin, Fred D., Brookfield, Mo. Guide and guard for paintbrushes. 1,927,962; Sept. 26.
- Tamsitt, Joseph C., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Relay. 1,938,405; Dec. 5.
- Tamura, Gentaro, Higashiyodokawa-ku, Osaka, Japan. Sucking and compressing machine. 1,898,153; Feb. 21.
- Tamura, Kenzo, Iriarai-Cho, G. Kihara, Suna-Machi, Y. Asahina, Tozuka-Cho, and M. Ishidate, Suginami-Cho, Japan. Manufacturing pure para-hydroxycamphor. 1,900,209; Mar. 7.
- Tamura, Kenzo, Iriarai-Cho, Gunjo Kihara, Suna-Machi, Y. Asahina, Tozuka-Cho, and M. Ishidate, Suginami-Cho, Japan. Manufacturing para-oxocamphor. 1,933,642; Nov. 7.
- Tanaka, Hiroshi, Komagome, Hongo-Ku, and S. Imatomi, Ikegami-Machi, Ebara-Gun, assignors to Zaidan Hojin Rikagaku Kenkyujo, Tokyo, Japan. Producing $MgCl_2$ containing chlorides of alkali metals or alkaline earth metals. 1,902,385; Mar. 21.
- Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Lens rim joint for eyeglass frames. 1,926,566; Sept. 12.
- Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Eyeglass frame. 1,931,634; Oct. 24.
- Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Combined lens rim joint and nose-guard connection for eyeglass frames. 1,931,635; Oct. 24.
- Tandy, Frank P. (See Etzenhouser, F. H., Murphy, and Tandy.)
- Tandy, Victor H., Lynwood, assignor to Edward M. Smith, Los Angeles, Calif. Die casting machine for motor pistons. 1,931,907; Oct. 24.
- Tangerman, William J., Hammond, Ind., assignor to Union Metal Products Company, Chicago, Ill. Car coupler operating device. 1,926,124; Sept. 12.
- Tangerman, William J., Hammond, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car structure. 1,939,931; Dec. 19.
- Taniguchi, Kyusaburo, New York, N. Y. Egg separator. 1,896,498; Feb. 7.
- Tannehill, Urban R., and J. I. Johnson, Kalamazoo, Mich., assignors to Western Tablet and Stationery Corporation, Dayton, Ohio. Temporary binder. 1,929,614; Oct. 10.
- Tannenbaum, Harry J. (See Riley, H. E., and Tannenbaum.)
- Tanner, Arnold J. (See Einson, M. M. and Tanner.)
- Tanner, Arnold J., North Haven, Conn. Packing and display container for merchandise. 1,929,615; Oct. 10.
- Tanner, Arnold J., North Haven, Conn. Folding container for merchandise. 1,933,643; Nov. 7.
- Tanner, Arnold J., North Haven, Conn., assignor to Binson-Freeman Co., Inc. Packing and display container. 1,917,741; July 11.
- Tanner, Arnold J., North Haven, Conn., assignor to Box Blank Corporation, New York, N. Y. Set-up box. 1,938,090; Dec. 5.
- Tanner, Grace K., Fredericksburg, Va. Apparatus for washing dishes and other articles. 1,914,309; June 12.
- Tanner, Harry L., Brooklyn, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Clutch. 1,909,918; May 16.
- Tanner, Hubert D., West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gear tooth rounder. 1,923,763; Aug. 22.
- Tanner, Lawrence S., Detroit, Mich. Casting patterns. 1,936,648; Nov. 28.
- Tanner, Robert R., Detroit, assignor to Metal Finishing Research Corporation, Morenci, Mich. Coating metal with an organic salt of the metal. 1,911,537; May 30.
- Tanner, Robert R., and H. J. Lodeesen, assignors to Metal Finishing Research Corporation, Detroit, Mich. Production of phosphate coatings on metals. 1,911,726; May 30.
- Tanner, Wellington L., Panasoffkee, Fla., assignor to National Chemical and Mfg. Co., Inc. Production of cellulose phosphates. 1,896,725; Feb. 7.
- Tannewitz Works, The. (See De Groot, Oliver, assignor.)
- Tannin Corporation, The. (See Coné, Samuel H., assignor.)
- Tan-Sad Chair Company (1931) Limited. (See Gabb, Archibald H., assignor.)
- Tanski, Frank, Maspeh, N. Y. Knitting machine. 1,894,965; Jan. 24.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,657; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,658; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,659; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,660; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,661; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,662; Apr. 18.
- Tansley, Thomas W., assignor to Bloch Freres, Inc., New York, N. Y. Handkerchief. Des. 89,663; Apr. 18.
- Tanzi, Guido, assignor to V. La Rosa & Sons, Inc., Brooklyn, N. Y. Macaroni and producing same. 1,912,021; May 30.
- Taplin, Fred W., et al. (See Brooks, J. H., and Goldstone, assignors.)
- Taplin, Harold J., Wembley, London, England. Transfer press. 1,903,639; Apr. 11.
- Tapman, Samuel F., Jamaica, N. Y. Riveting machine. 1,893,468; Feb. 21.
- Tapp, Ernest T. J., and P. J. R. Tapp, London, England. Self-propelled road vehicle. 1,917,469; July 11.
- Tapp, John W., Glendale, Ariz. Agricultural machine. 1,901,539; Mar. 14.
- Tapp, Percy J. R. (See Tapp, Ernest T. J., and P. J. R.)
- Tapscott, Charles C. (See Smith, D. M., and Tapscott.)
- Tar & Petroleum Process Company. (See Knowles, A. S., and Andrews, assignors.)
- Tarbell, Arthur J. (See Montgomery, J. L., Tarbell, and Irwin.)
- Tarbox, Gurdon L. (See Spicer, C. W., and Tarbox.)
- Tarbox, Hugh B., Toronto, Ontario, Canada. Lever mechanism. Re18,933; Sept. 5.
- Tarbox, John P., Garden City, N. Y. System of chassis lubrication. 1,914,900; June 20.
- Tarbox, John P., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Automobile chassis of sheet metal stampings. Re18,750; Feb. 28.

- Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Forming interior angle in sheet metal stamping. 1,892,754; Jan. 3.
- Tarbox, John P., assignor to Budd Wheel Company, Philadelphia, Pa. Brake cooling system. 1,905,657; Apr. 25.
- Tarbox, John P., assignor to Budd Wheel Company, Philadelphia, Pa. Driving system and operating same. 1,926,692; Sept. 12.
- Tarbox, John P., assignor to Budd Wheel Company, Philadelphia, Pa. Rim and spoke attachment and making same. 1,937,799; Dec. 5.
- Tardiff, Henry, Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 1,929,457; Oct. 10.
- Tardiff, Henry, Claremont, N. H., assignor to Sullivan Machinery Company. Drilling mechanism. 1,929,458; Oct. 10.
- Tarleton, Frederic L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 1,910,865; May 23.
- Tarleton, Frederic L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigeration apparatus. 1,928,467; Sept. 26.
- Tarleton, Frederic L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 1,934,605; Nov. 7.
- Tarleton, Frederic L., Greenville, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 1,934,606; Nov. 7.
- Tarlow, Isidor, Brockton, Mass. Shoe. 1,907,612; May 9.
- Tariton, Perle E. (See Hobart, C. L., and Tariton.)
- Tariton, Perle E., Los Angeles, Calif. Well surveying device. 1,910,720; May 23.
- Tariton, Perle E., Los Angeles, Calif. Marking machine. 1,926,355; Sept. 12.
- Tariton, Perle E., Los Angeles, Calif. Fruit marking machine. 1,926,356; Sept. 12.
- Tarone, Philip and T. Raven Run, Pa. Automatic draft control damper. 1,928,577; Sept. 26.
- Tarone, Tone. (See Tarone, Philip and T.)
- Taroni, Charles E., Willesdon, and E. G. Ellis, Leytonstone, London, England, assignors to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for making sponge cake and the like. 1,907,463; May 9.
- Tarr, Lester W. (See Hollingworth, D. W., and Tarr.)
- Tarr, Steven G., Whiting, Ind. Pressure gauge. 1,923,240; Aug. 22.
- Tarrant, Fred K., Saratoga Springs, N. Y. Dispensing device. 1,932,001; Oct. 24.
- Tarrant, William P., Saratoga Springs, N. Y. Dispensing device. 1,910,650; May 23.
- Tarris, John F., Clyde, Ohio. Tightener for concrete form tie wires. 1,914,761; June 20.
- Tarry, Eldred. (See Richards, L. W., and Tarry.)
- Tarter, Mae. (See Rose, Albert L., assignor.)
- Tarter, Mae G., and A. L. Rose, Palm Springs, Calif. Pottery and making the same. 1,918,496; July 18.
- Tartrais, Eugène H., Montmorency, France. Spraying and injecting device for internal combustion engines employing liquid fuel. 1,893,457; Jan. 3.
- Tate, Alfred Orde, Toronto, Ontario, Canada. Apparatus for treating light and similar rays. 1,904,566; Apr. 18.
- Tate, Ernest H. (See Gibbons, C., and Tate.)
- Tate, Harold L. (See Tate, Lionel C. and H. L.)
- Tate, James, assignor to Delta Manufacturing Company, Milwaukee, Wis. Miter gauge. 1,902,270; Mar. 21.
- Tate, Lionel C., Louisville, Ky., and H. L. Tate, Chicago, Ill. Silk screen printing machine. 1,898,406; Feb. 21.
- Tate, William R., and H. P. Stephenson, Norton-on-Tees, assignors to Imperial Chemical Industries Limited, London, England. Apparatus for hydrogenating coal, oils, and similar materials. 1,911,933; May 30.
- Tatetz, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wired radio reception regulation. 1,915,768; June 27.
- Tatham, Robert L., Chicago, Ill. Dishwasher. 1,900,529; Mar. 7.
- Tatlock, Roberts, assignor to E. E. Groves and George R. Poston, Gastonia, N. C. Depressible traffic signal. 1,903,739; Apr. 11.
- Tatnall, Joseph S. (See Van Hoorn, A. W. W., and Tatnall.)
- Tatosian, Harry G., assignor to Ice Cream Cone Machinery Incorporated, Bridgeport, Conn. Baking iron and stripper. 1,936,649; Nov. 28.
- Tatro, Lysle G., assignor to H. B. Montgomery, Decorah, Iowa. Coordinated battery construction. 1,901,272; Mar. 14.
- Tatsumi, Chiyozo. (See Sumi, R., and Tatsumi.)
- Tatter, John W., assignor to Lewis Differential Company, Chicago, Ill. Brake. 1,894,525; Jan. 17.
- Tatter, John W., Detroit, assignor, by mesne assignments, of one-half to E. I. Ingersoll, Dearborn, Mich. Combined mop and mop wringer. 1,924,817; Aug. 29.
- Tatter, John W., assignor to Lewis Differential Company, Chicago, Ill. Fluid pressure operated device. 1,924,888; Aug. 29.
- Tatter, John W., assignor to Lewis Differential Company, Chicago, Ill. Brake mechanism. 1,925,680; Sept. 5.
- Tatter, John W., assignor to Lewis Differential Company, Chicago, Ill. Brake fluid composition. 1,928,956; Oct. 3.
- Tatter, John W., assignor to Continental Motors Corporation, Detroit, Mich. Oil treating device. 1,929,191; Oct. 3.
- Tatter, John W., Chicago, Ill., and F. W. Sampson, Dayton, Ohio, assignors to Lewis Differential Company, Chicago, Ill. Brake operating device. 1,923,463; Aug. 22.
- Tatum, J. Ralph, executor. (See Cutler, Henry H.)
- Tatum, John J., Baltimore, Md. Car seat. 1,893,458; Jan. 3.
- Tatum, John J., Baltimore, Md. Slack adjuster for railway brakes. 1,912,321; May 30.
- Tatum, John J., Baltimore, Md. Steel side door for railway cars. 1,914,053; June 13.
- Tatum, John J., Baltimore, Md. Railway freight car construction. 1,916,343; July 4.
- Tatum, John J., Baltimore, Md. Railroad car truck. 1,928,740; Oct. 3.
- Tatum, John J., Baltimore, Md. Railway car truck. 1,933,459; Oct. 31.
- Tatum, John J., Baltimore, Md. Car roof structure. 1,940,776; Dec. 26.
- Tatum, John J., Baltimore, Md. Car truck. 1,941,159; Dec. 26.
- Tatum, Will S., Hattiesburg, Miss. Drop frame body for trailers. 1,900,778; Mar. 7.
- Tatum, Will S., assignor to The Weldmech Steel Products Co., Hattiesburg, Miss. Truck body. 1,932,327; Oct. 24.
- Tatum, William R., Percy, Ill. Motorist pocket pouch. Des. 90,738; Sept. 19.
- Tatum, William W. (See Shepherdson, A., and Tatum.)
- Tatum, William W. (See Thomson, R. F., and Tatum.)
- Taub, Joel, Jackson Heights, N. Y. Treating cheese. 1,940,031; Dec. 19.
- Taub, Ludwig, and W. Kropp, Elberfeld, Germany, assignors, to Winthrop Chemical Company, Inc., New York, N. Y. Barbituric acid derivative. 1,923,239; Aug. 22.
- Taube, Carl. (See Haller, J., and Taube.)
- Taube, Carl. (See Weinand, K., Taube, and Hertlein.)
- Taube, Carl, Leverkusen-I. G.-Werk, and J. Hilger, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 1,927,103; Sept. 19.
- Tauber, Arthur, Yonkers, N. Y. Electrical and mechanical connection. 1,924,334; Aug. 29.
- Täuber, Konrad, Munich, Germany. Differential safety device for transformers and the like. 1,920,037; July 25.
- Tauber, Siegfried, and L. Fischmann, Vienna, Austria, assignors, by mesne assignments, to Dunlop Rubber Company Limited, London, England. Stringing tennis rackets with strings. 1,916,699; July 4.
- Tauber, Siegfried, and L. Fischmann, Vienna, Austria, assignors, by mesne assignments, to Dunlop Rubber Company Limited, London, England. Stringing tennis rackets. 1,938,562; Dec. 5.
- Taurisano, Peter, Springfield, Mass. Fuel mixing apparatus. 1,921,895; Aug. 8.
- Tauschek, Gustav, Vienna, Austria. Power drive for typewriters. 1,927,761; Sept. 19.
- Tauschek, Gustav, Vienna, Austria, assignor to The Tabulating Machine Company, Endicott, N. Y. Machine for calculatively interpreting perforated cards. 1,916,997; July 4.
- Tauschek, Gustav, Vienna, Austria, assignor to The Tabulating Machine Company, Endicott, N. Y. Tabulating, calculating, and similar machine. 1,916,998; July 4.
- Tauschek, Gustav, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Machine for calculatively interpreting perforated cards. 1,933,352; Oct. 31.
- Tauschek, Gustav, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforated card-bookkeeping machine. 1,933,353; Oct. 31.
- Tauschek, Gustav, Vienna, Austria, assignor, by mesne assignments to International Business Machines Corporation, New York, N. Y. Tabulating machine for book-keeping purposes. 1,939,089; Dec. 12.
- Tausig, Walter. (See Burstyn, W., and Tausig.)
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Gage. Des. 89,818; May 9.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Work-holding means for gages. 1,894,010; Jan. 10.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Surfacing tool. 1,906,190; Apr. 25.
- Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Trunnion table mounting. 1,910,651; May 23.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Chuck. 1,930,022; Oct. 10.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Machine table extension. 1,938,548; Dec. 5.
- Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Machine table. 1,938,549; Dec. 5.
- Taveau, René de M., Elizabeth, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Converting hydrocarbon oils. 1,936,735; Nov. 28.
- Tavender, Walter K., Haworth, N. J. Sadiron. 1,911,213; May 30.

- Tavis, John, Bayside, assignor to M. S. N., and H. Singer, copartners trading as M. Singer & Sons, New York, N. Y. Upholstered sofa or similar article. Des. 89,728; Apr. 25.
- Tax, Anton H., et al. (See Andersen, Gunnar E., assignor.)
- Taylor, Alan. (See Hodsmen, H. J., and Taylor.)
- Taylor, Albert H., Washington, D. C. Receiver of high frequency electrical signals. Re18,877; June 20.
- Taylor, Albert H., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Frequency multiplication and keying system. 1,898,103; Feb. 21.
- Taylor, Albert H., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Radio signaling system. 1,904,772; Apr. 18.
- Taylor, Albert H., Washington, D. C., assignor, by mesne assignments, to Wired Radio, Inc., New York, N. Y. Frequency multiplier circuit for electrical signaling. 1,912,322; May 30.
- Taylor, Albert H., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. System for feeding complex antenna systems. 1,933,941; Nov. 7.
- Taylor, Albert L., Jacksonville, Fla. Treating green lumber. 1,896,984; Feb. 7.
- Taylor, Alvin W., Athens, Ohio. Stern wheel propeller. 1,908,631; May 9.
- Taylor, Andy T., Troup, and O. B. Wilhite, Longview, Tex. Breather pipe cap. 1,906,663; May 2.
- Taylor, Arthur K., Baltimore, Md. Material forwarding mechanism. 1,901,677; Mar. 14.
- Taylor, Arthur K., assignor to United States Printing and Lithograph Co., Baltimore, Md. Paper cutter. 1,901,676; Mar. 14.
- Taylor, Bert S., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Colored rubber product and coloring rubber. 1,895,088; Jan. 24.
- Taylor, Bert S., Akron, Ohio, and B. M. Costello, Los Angeles, Calif., assignors to The B. F. Goodrich Company, New York, N. Y. Corrosion-resisting rubber article. 1,906,434; May 2.
- Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Apparatus for washing cans and the like. 1,919,965; July 25.
- Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,461; May 9.
- Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,078; Sept. 26.
- Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Connection. 1,934,456; Nov. 7.
- Taylor, Charles B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Maximum and minimum limiting device for prime movers. 1,934,631; Nov. 1.
- Taylor, Charles B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system for prime mover generator plants. 1,934,632; Nov. 7.
- Taylor, Charles B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime mover control system. 1,934,633; Nov. 7.
- Taylor, Charles C. (See Pruden, H. M., and Taylor.)
- Taylor, Charles F. (See Taylor, Edward S. and C. F.)
- Taylor, Charles H. (See Everett, Charles E.)
- Taylor, Charles H., West Summerville, British Columbia, Canada. Bottle stopper. 1,928,037; Sept. 26.
- Taylor, Cyrus, Hartford, Conn., and E. Z. Taylor, Newark, N. J. Manufacture of containers of paper or like material, and lids or covers therefor. 1,917,558; July 11.
- Taylor, Cyrus J. (See Brown, H. W., and Taylor.)
- Taylor, Dale, Elmira, N. Y. Radio tube comparator. 1,896,726; Feb. 7.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker timer. 1,925,781; Sept. 5.
- Taylor, Daniel G., and E. M. Miller, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner controlling apparatus. 1,910,721; May 23.
- Taylor, Donald D., assignor to Advance Engineering Corporation, Duncannon, Pa. Metal spraying apparatus. 1,934,891; Nov. 14.
- Taylor, Edmund R. (See Wright, S. B., and Taylor.)
- Taylor, Edmund R., New York, N. Y., assignor to American Telephone and Telegraph Company. Two-way telephone system. 1,904,567; Apr. 18.
- Taylor, Edmund R., New York, N. Y., and S. B. Wright, South Orange, N. J., assignors to American Telephone and Telegraph Company. Voice operated control arrangement for radio telephone systems. 1,909,433; May 16.
- Taylor, Edmund R., New York, N. Y., assignor to American Telephone and Telegraph Company. Protective device. 1,929,570; Oct. 10.
- Taylor, Edward A., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Zinc sulphate. 1,922,902; Aug. 15.
- Taylor, Edward A., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Catalyst for ammonia oxidation. 1,927,963; Sept. 26.
- Taylor, Edward H. (See Taylor, James H. and E. H.)
- Taylor, Edward H., Chicago, Ill. Spiral pipe. 1,928,118; Sept. 26.
- Taylor, Edward H., E. F. Seifert, and C. O. Mericka, Chicago, W. M. Loser, Wheaton, H. R. Behnke, Villa Park, and H. Somervell, Evanston, Ill., assignors, by mesne assignments, to Consolidated Signal Company. Crossing gate. 1,911,405; May 30.
- Taylor, Edward M. (See Heald, R. N., and Taylor.)
- Taylor, Edward S., Cambridge, and C. F. Taylor, Weston, Mass., assignors to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 1,899,217; Feb. 28.
- Taylor, Elbert A., Arlington Heights, Ill., M. D. Pence, New York, N. Y., and C. A. Dunham, Glencoe, Ill., assignors to C. A. Dunham Company, Marshalltown, Iowa. Average temperature control mechanism for heating systems. 1,921,172; Aug. 8.
- Taylor, Ellis. (See Burkett, F., and Taylor.)
- Taylor, Elmer Z. (See Taylor, Cyrus, and E. Z.)
- Taylor, Elmer Z., Newark, N. J. Container closure. 1,925,471; Sept. 5.
- Taylor, Ernest R., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose ester composition. 1,917,405; July 11.
- Taylor, Ernest R., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Recovering cellulosic derivative scrap. 1,900,872; Mar. 7.
- Taylor, Eugene S., et al. (See Haug, Eugene H., assignor.)
- Taylor, Eugene S., Montpelier, Ohio. Display table. 1,902,677; Mar. 21.
- Taylor, Eugene S., assignor of one-half to H. E. Young, Chicago, Ill. Storage apparatus. 1,896,021; Jan. 31.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,462; May 9.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,910,451; May 23.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,911,482; May 30.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,921,593; Aug. 8.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,928,079; Sept. 26.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,930,699; Oct. 17.
- Taylor, Eugene V., assignor to Bendix Brake Company, Chicago, Ill. Hydraulic brake mechanism. 1,932,915; Oct. 31.
- Taylor, Eugene V., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,932,916; Oct. 31.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,936,865; Nov. 28.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,940,468; Dec. 19.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,940,469; Dec. 19.
- Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,940,470; Dec. 19.
- Taylor Forge and Pipe Works. (See Maroto, Jorge, assignor.)
- Taylor, Frank W., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical impedance device. 1,931,043; Oct. 17.
- Taylor, Frederick A., Tadworth, England. Windscreen. 1,905,763; Apr. 25.
- Taylor, George, Penwortham, Preston, England. Safety razor. 1,924,335; Aug. 29.
- Taylor, George A., Hyde Park, Mass. Starting device for internal combustion engines. 1,901,996; Mar. 21.
- Taylor, George A., Hyde Park, Mass. Engine starting device. 1,901,997; Mar. 21.
- Taylor, George E., assignor to S. E. Sosna and G. E. Taylor, doing business as Chicago Upholsters Supply Company, Chicago, Ill. Spring assembly. 1,931,744; Oct. 24.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Resintered hard metal composition. 1,895,354; Jan. 24.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Wheel dresser. 1,904,100; Apr. 18.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Disk-like cutting tool. 1,904,568; Apr. 18.
- Taylor, George F., Schenectady, N. Y., assignor to General Electric Company. Diamond drill and making the same. 1,941,283; Dec. 26.
- Taylor, George F., Niskayuna, N. Y., assignor to General Electric Company. Welding process. 1,896,853; Feb. 7.
- Taylor, George F., Niskayuna, N. Y., assignor to General Electric Company. Apparatus for making hard metal compositions. 1,896,854; Feb. 7.
- Taylor, George F., Niskayuna, N. Y., assignor to General Electric Company. Making strong, thin, cemented carbide disks. 1,918,064; July 11.
- Taylor, Gordon A., Camden, N. J. Heel for ladies' shoes. 1,901,340; Mar. 14.
- Taylor, H. D., Company. (See Steiner, Howard M., assignor.)
- Taylor, Halsey W., Warren, Ohio. Valve structure. 1,898,226; Feb. 21.
- Taylor, Halsey W., Warren, Ohio. Drinking fountain. 1,900,591; Mar. 7.

- Taylor, Halsey W., Warren, and J. T. Smith, Cleveland, assignors to The Halsey W. Taylor Company, Warren, Ohio. Cooling liquids. 1,924,525; Aug. 29.
- Taylor, Halsey W., Company, The. (See Brewer, Richard H., assignor.)
- Taylor, Halsey W., Company, The. (See Taylor, H. W., and Smith, assignors.)
- Taylor, Harden F., Scarsdale, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Treating comestibles. 1,920,222; Aug. 1.
- Taylor, Harden F., Scarsdale, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Method of and apparatus for skinning fish. 1,921,440; Aug. 8.
- Taylor, Harry, et al. (See Krause, Paul.)
- Taylor, Harvey B., Philadelphia, Pa. Draft tube structure. 1,897,501; Feb. 14.
- Taylor, Harvey B., Philadelphia, Pa. Draft tube. 1,897,502; Feb. 14.
- Taylor, Henry P., Winston-Salem, N. C. Pressing and packing tobacco. 1,924,759; Aug. 29.
- Taylor, Henry P., Winston-Salem, N. C. Pressing and packing tobacco with natural finish. 1,924,760; Aug. 29.
- Taylor, Herbert B., assignor to General Railway Signal Company, Rochester, N. Y. Electrical plug coupler. 1,902,791; Mar. 21.
- Taylor, Herbert K., Elkins Park, assignor to George D. Ellis and Sons, Incorporated, Philadelphia, Pa. Insect trap. 1,919,916; July 25.
- Taylor, Horace E., Oakland, Calif. Washing machine. 1,932,756; Oct. 31.
- Taylor, Howard A., Long Beach, assignor, by mesne assignments, to Taylor-Travers Corporation, Ltd., Los Angeles, Calif. Time relay for radio receiving sets. 1,937,173; Nov. 28.
- Taylor, Howard D., assignor to Flexible Truck Corporation, Reading, Pa. Brake mechanism. 1,917,342; July 11.
- Taylor, Hubert P., Union City, assignor of one-half to R. H. Taylor, Martin, Tenn. Composite shingle. 1,937,255; Nov. 28.
- Taylor, Hugh S., Princeton, N. J., and W. A. Lazier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic dehydration and dehydrogenation process. 1,895,528; Jan. 31.
- Taylor, Hugh S., Princeton, N. J., and W. A. Lazier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic dehydration. 1,895,529; Jan. 31.
- Taylor, Humphrey G., Penn, near Wolverhampton, England. Making chain links. 1,938,056; Dec. 5.
- Taylor, Humphrey G., Penn, near Wolverhampton, England. Chain link and making the same. 1,939,734; Dec. 19.
- Taylor, Humphrey G., Penn, near Wolverhampton, England. Making chain links. 1,939,735; Dec. 19.
- Taylor Instrument Companies. (See Amdursky, Samuel S., assignor.)
- Taylor Instrument Companies. (See Bandoly, Erich, assignor.)
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor Instrument Companies. (See Cleveland, Robert D., assignor.)
- Taylor Instrument Companies. (See De Mers, Clayton D., assignor.)
- Taylor Instrument Companies. (See De Mers, C. D., and Olson, assignors.)
- Taylor Instrument Companies. (See Foote, Edward B., assignor.)
- Taylor Instrument Companies. (See Foote, E. B., and Newell, assignors.)
- Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)
- Taylor Instrument Companies. (See Kinsman, Russell C., assignor.)
- Taylor Instrument Companies. (See Newell, Floyd B., assignor.)
- Taylor Instrument Companies. (See Norwood, Harry Y., assignor.)
- Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
- Taylor Instrument Companies. (See Olson, R. E., and Cleveland, assignors.)
- Taylor Instrument Companies. (See Rosenburgh, Durwood D., assignor.)
- Taylor Instrument Companies. (See Teague, Walter D., assignor.)
- Taylor, Ivy F., Buffalo, N. Y. Cushion material. 1,940,924; Dec. 26.
- Taylor, James B., Arco, Idaho. Auto sled. 1,937,923; Dec. 5.
- Taylor, James F., South Bethlehem, Pa. Silk cleaner. 1,901,273; Mar. 14.
- Taylor, James H., Oak Park, Ill. Forming pipe T's. 1,892,712; Jan. 3.
- Taylor, James H., Oak Park, Ill. Forming and reinforcing flanged apertures in hollow bodies. 1,901,201; Mar. 14.
- Taylor, James H., Oak Park, Ill. Apparatus for making expansion joints in pipes. 1,910,652; May 23.
- Taylor, James H., Oak Park, Ill. Making pipe T's. 1,911,653; May 30.
- Taylor, James H., Oak Park, Ill. Sweep welding outlet. 1,911,654; May 30.
- Taylor, James H., Oak Park, Ill. Making curved pipe fittings. 1,916,645; July 4.
- Taylor, James H., Oak Park, Ill. Making pipe elbows. 1,931,306; Oct. 17.
- Taylor, James H., Oak Park, Ill. Tubing for and making bends. 1,931,307; Oct. 17.
- Taylor, James H., Oak Park, Ill. Pipe fitting. 1,936,805; Nov. 28.
- Taylor, James H., Oak Park, Ill. Making manhole structures. 1,937,604; Dec. 5.
- Taylor, James H., Chicago, Ill. Attaching nozzles to hollow bodies. 1,937,605-6; Dec. 5.
- Taylor, James H. and E. H., Chicago, Ill. Spiral pipe welding machine. 1,923,284; Aug. 22.
- Taylor, James Y., assignor of two-fifths to D. Coalson, Brownwood, Tex. Educational device. 1,918,298; July 18.
- Taylor, John, Kansas City, Mo. Battery tester. 1,907,682; May 9.
- Taylor, John H. (See Hegan, H. J., and Taylor.)
- Taylor, John J., Barborton, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 1,937,731; Dec. 5.
- Taylor, John S., New York, N. Y., assignor to Du Pont Viscoid Company, Wilmington, Del. Plastic tubing. 1,915,075; June 20.
- Taylor, Joseph, assignor to Grigsby-Grunow Company, Chicago, Ill. Radiocabinet. Des. 89,097; Jan. 24.
- Taylor, Joseph, assignor to Grigsby-Grunow Company, Chicago, Ill. Radiocabinet. Des. 89,599; Apr. 11.
- Taylor, Joseph H. (See Willson, E. L., and Taylor.)
- Taylor, Joseph L., Ridgewood, N. J., assignor to The B. F. Goodrich Company, New York, N. Y. Making channel strips. 1,931,333; Oct. 17.
- Taylor, Joseph K., Plainfield, N. J., assignor to Sonoco Products Company, Hartsville, S. C. Spool. 1,906,777; May 2.
- Taylor, Kenneth, Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Asphalt emulsion. 1,932,648; Oct. 31.
- Taylor, Lang & Company. (See Pashley, John, assignor.)
- Taylor, Lee O., assignor to Muskegon Bennett Corporation, Muskegon, Mich. Rack. Des. 90,515; Aug. 15.
- Taylor, Loren E., assignor, by mesne assignments, to Hughes Industries Co. Ltd., Los Angeles, Calif. Apparatus for treating films. 1,928,235; Sept. 26.
- Taylor, Louis E., Maplewood, Mo. Card table. 1,937,994; Dec. 5.
- Taylor, Maurice, Stoneham, assignor to Merrimac Chemical Co., Everett, Mass. Pickling stainless steel. 1,939,241; Dec. 12.
- Taylor, Maurice C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent composition. 1,894,207; Jan. 10.
- Taylor, Maurice C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Sweetening petroleum distillates. 1,908,273; May 9.
- Taylor, Maurice C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Weed eradication. 1,930,781; Oct. 17.
- Taylor, Maurice C., and J. F. White, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of wood pulp. 1,894,501; Jan. 17.
- Taylor, Maurice C., and C. N. Richardson, Niagara Falls, assignors to The Mathieson Alkali Works, New York, N. Y. Method and apparatus for carrying out chemical reactions. 1,904,101; Apr. 18.
- Taylor, Milton C., Chicago, Ill., assignor, by mesne assignments, to Sienode Steel Strapping Company. Sealing tool. 1,897,511; Feb. 14.
- Taylor, Nelson, Los Angeles, Calif. Liquid dispenser. 1,933,192; Oct. 31.
- Taylor, Orville G., and G. T. McDonald, assignors of two-fifths to Ikel C. Benson, Minneapolis, Minn., and three-fifths to said McDonald. Paspertouting machine for lamp shades, baskets, and the like. 1,921,013; Aug. 8.
- Taylor, Pleasant L. B., Booneville, Miss. School desk. 1,894,502; Jan. 17.
- Taylor, Raymond D., Evanston, Ill., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Locking slider. 1,919,966; July 25.
- Taylor, Reginald. (See Beale, C. E., and Taylor.)
- Taylor, Reginald. (See Gillings, C., Belas, Beale, Taylor, and Baker.)
- Taylor, Reginald, Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,914,653; June 20.
- Taylor, Reginald, Liverpool, and J. A. Mason, Wallasey, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 1,914,540; June 20.
- Taylor, Robert A., assignor, by mesne assignments, to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Display box. 1,898,646; Feb. 21.
- Taylor, Robert B., Scotia, N. Y., assignor to General Electric Company. System of control. 1,910,190; May 23.
- Taylor, Robert B., Kapa, Territory of Hawaii. Machine and method for removing dents from filled cans. 1,918,004; July 11.
- Taylor, Robert B., and L. L. Guinn, Kapa, Territory of Hawaii. Platform for lift trucks. 1,918,003; July 11.
- Taylor, Robert B., Kapa, Hawaii. Chopping machine. 1,931,211; Oct. 17.
- Taylor, Robert H. (See Taylor, Hubert P., assignor.)

- Taylor, Robert H., Denver, Colo., assignor to Doherty Research Company, New York, N. Y. Gas demand recording meter. 1,911,777; May 30.
- Taylor, Robert S., Evansville, Ind., assignor to Electrolux Serval Corporation, New York, N. Y. Two-temperature evaporator. 1,900,674; Mar. 7.
- Taylor, Robert S., Evansville, Ind., assignor to Electrolux Serval Corporation, New York, N. Y. Absorption refrigerating apparatus. 1,918,352; July 18.
- Taylor, Robert S., Bronx, assignor to Electrolux Serval Corporation, New York, N. Y. Refrigeration. 1,914,222; June 13.
- Taylor, Robert W., Peekskill, N. Y. Hanger for garments. 1,934,018; Nov. 7.
- Taylor, Rolland W., Remus, Mich. Artificial bait. 1,903,558; Apr. 11.
- Taylor, Roy, Los Angeles, Calif. Table construction. 1,939,529; Dec. 12.
- Taylor, Samuel D., Moulton, Iowa. Baling press. 1,932,917; Oct. 31.
- Taylor, Samuel M. (See Osborn, A. D., and Taylor.)
- Taylor, Samuel M., assignor to Smooth Saw Equipment Company, Loyalton, Calif. Tooth swage. 1,905,013; Apr. 25.
- Taylor, Samuel M., assignor to Smooth Saw Equipment Company, Loyalton, Calif. Saw blade. 1,906,660; May 2.
- Taylor, Scott V. E., Akron, Ohio. Hydraulic gear. 1,912,323; May 30.
- Taylor, Sidney, Radcliffe, near Manchester, England. Apparatus for impregnating the coverings of electric cables and the like with oil or the like. 1,937,256; Nov. 28.
- Taylor, Sigel, Little Rock, Ark. Spacing device for containers. 1,898,509; Feb. 21.
- Taylor, Steadman O. (See Alcott, James R., assignor.)
- Taylor, Thaddeus A., Lufkin, Tex. Apparatus for regulating the temperature and oxygen contents of air. 1,913,347; June 6.
- Taylor, Thaddeus A., Lufkin, Tex. Apparatus for administering oxygen. 1,932,757; Oct. 31.
- Taylor, Thomas G., Roswell, N. Mex. Well drilling apparatus. 1,900,029; Mar. 7.
- Taylor, Thomas J., Chicago, Ill. Supporting device. 1,936,529; Nov. 21.
- Taylor, Thos. P., Company, The. (See Hammond, Myron B., assignor.)
- Taylor-Travers Corporation, Ltd. (See Taylor, Howard A., assignor.)
- Taylor, Van B., Miami, Fla. Slack adjuster. 1,936,530; Nov. 21.
- Taylor, W. A., & Co. (See Jacobsohn, Emanuel H., assignor.)
- Taylor-Wharton Iron and Steel Company. (See Hall, J. H., and Comerford, assignors.)
- Taylor-Wharton Iron and Steel Company. (See Hanks, George R., assignor.)
- Taylor Wharton Iron & Steel Company. (See MacFayden, Loudon E., assignor.)
- Taylor, William. (See Grimes, Herbert V., assignor.)
- Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Low expansion blank glass and producing it. 1,919,264; July 25.
- Taylor, William F. F., Norfolk, Va. Coin controlled chair and canopy. 1,903,579; Apr. 11.
- Taylor, William G., Schenectady, N. Y., assignor to General Electric Company. Well drilling system. 1,925,012; Aug. 29.
- Taylor, William H. (See Boyd, W. R., and Taylor.)
- Taylor, William H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Ice-making apparatus. 1,930,569; Oct. 17.
- Taylor, William H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Ice machine. 1,930,570; Oct. 17.
- Taylor, William H., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Briquetting materials. 1,937,174; Nov. 28.
- Taylor, William I. (See Dreyfus, H., and Taylor.)
- Taylor, William I. (See Dreyfus, H., Dickie, and Taylor.)
- Taylor, William I. (See Dreyfus, H., Kinsella, Bower, and Taylor.)
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of textile materials. 1,907,898; May 9.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial textile yarns or threads. 1,909,192; May 16.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of filaments, yarns, or threads. 1,929,192; Oct. 3.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of yarns or the like from organic derivatives of cellulose. 1,938,646; Dec. 12.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of textile materials. 1,933,607; Nov. 7.
- Taylor, William J. (See Argyle, W. R., and Taylor.)
- Taylor, William J., and C. T. Cutting, assignors to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 1,900,592; Mar. 7.
- Taylor, William L., assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Automatic bag opening, filling, and sealing machine. 1,909,319; May 16.
- Tea, Clark A. (See Calkins, W. G., and Tea.)
- Tea, Clark A., assignor to Chrysler Corporation, Detroit, Mich. Snubber. 1,924,470; Aug. 29.
- Tea, Clark A., assignor to Chrysler Corporation, Detroit, Mich. Spring leaf bearing insert. 1,927,619; Sept. 19.
- Tea, Clark A., assignor to Chrysler Corporation, Detroit, Mich. Spring mounting. 1,934,892; Nov. 14.
- Teach, Jacob A., Chicago, Ill., assignor, by mesne assignments, to McClintic-Marshall Corporation. Indicating device for punch tables. 1,941,117; Dec. 26.
- Teaf, John H., Camden, N. J., assignor to Radio Corporation of America. Phonograph brake mechanism. 1,930,543; Oct. 17.
- Teague, Merwyn C., Jackson Heights, assignor to General Rubber Company, New York, N. Y. Process and composition for rubberizing water repellent material and product thereof. 1,899,535; Feb. 28.
- Teague, Merwyn C., Jackson Heights, assignor to General Rubber Company, New York, N. Y. Process and composition for rubberizing water-repellent material and product thereof. 1,936,999; Nov. 28.
- Teague, Walter D. (See Mihalyi, J., and Teague.)
- Teague, Walter D., Forest Hills, assignor to Corning Glass Works, Corning, N. Y. Combined coffee maker and server. Des. 89,364; Feb. 28.
- Teague, Walter D., Forest Hills, assignor to Taylor Instrument Companies, Rochester, N. Y. Combined thermometer and bracket. Des. 89,578; Apr. 4.
- Teague, Walter D., Forest Hills, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. Des. 89,619; Apr. 18.
- Teague, Walter D., Forest Hills, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument casing. Des. 89,620; Apr. 18.
- Teague, Walter D., Forest Hills, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. Des. 89,621; Apr. 18.
- Teague, Walter D., Forest Hills, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. Des. 90,790; Sept. 26.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. Des. 89,817; May 9.
- Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Albert Lea, Minn. Cabinet heater. Des. 90,516; Aug. 15.
- Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. Des. 90,602; Aug. 29.
- Teale, Benjamin E., Lee, Mass. Paper-making apparatus. 1,936,609; Nov. 28.
- Tear, Harry R., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 1,941,138; Dec. 26.
- Tear, James D., Schenectady, N. Y., assignor to General Electric Company. Oscillation generator. 1,936,441; Nov. 21.
- Tears, Claude F., assignor to Universal Oil Products Company, Chicago, Ill. Distilling petroleum hydrocarbons. 1,925,013; Aug. 29.
- Teason, Adam G., Kansas City, Mo. Cap retainer for collapsible tubes and the like. 1,937,674; Dec. 5.
- Teats, Roscoe, Denver, Colo., and R. L. Hasche, Milwaukee, Wis., assignors to American Smelting & Refining Company, New York, N. Y. Addition agent. 1,931,854; Oct. 24.
- Tebaldi, Alessandro, Milan, Italy. Spark plug. 1,935,862; Nov. 21.
- Tebbe, Frank, Sidney, Ohio. Abrading machine. 1,929,960; Oct. 10.
- Tebbs, Howard, Baltimore, Md. Aircraft. 1,892,910; Jan. 3.
- Tebeau, Silas B., East Detroit, Mich. Toy animation picture device. 1,903,272; Mar. 28.
- Tebo, Julian D., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device. 1,904,569; Apr. 18.
- Tebyrica, Mario W., Rio de Janeiro, Brazil, assignor to The American Rolling Mill Company, Middletown, Ohio. Pipe and tubular body. 1,932,564; Oct. 31.
- Technical Oil Tool Corporation. (See Bunker, Frank S., assignor.)
- Technicolor, Inc. (See Ball, Joseph A., assignor.)
- Technicolor, Inc. (See Mellor, Lewis L., assignor.)
- Technicolor, Inc. (See Troland, Leonard T., assignor.)
- Technicolor, Inc. (See Troland, L. T., and Eaton, assignors.)
- Technicolor Inc. (See Tuttle, Bertha S., assignor.)
- Technicolor, Inc. (See Whitney, W. E., and Gallison, assignors.)
- Technidyne Corporation. (See Flanzler, Joseph A., assignor.)
- Technidyne Corporation. (See Jones, L. L., and Plazze, assignors.)
- Technidyne Corporation. (See Jones, L. L., and Yolles, assignors.)
- Technidyne Corporation. (See Plazze, Thomas E., assignor.)
- Technimet Company, The. (See Marshall, Leslie H., assignor.)

- Techno-Chemical Laboratories, Limited. (See Söderlund, Olof, assignor.)
- Teco Manufacturing Corp. (See Lippert, Walter E., assignor.)
- Tedder, Alvin. (See Rawles, G. R., and Tedder.)
- Tedesco, Joseph. (See Quaka, Cyril B., assignor.)
- Tedford, Julian P., Oklahoma City, Okla., assignor to L. N. Farr, O. R. Randle, W. H. Courtner, and G. W. Riddle. Antiglare device for automobiles. 1,901,011; Mar. 14.
- Teel, Eric P., assignor to Novo Engine Company, Lansing, Mich. Gear oiling system for multiple cylinder internal combustion engines. 1,920,134; July 25.
- Teepie, Ella E., administratrix. (See Teepie, Oliver J., jr.)
- Teepie, Lawrence R., Portland, Oreg. Time control for stokers. 1,906,435; May 2.
- Teepie, Oliver J., jr. (See Skilling, J. M., and Teepie.)
- Teepie, Oliver J., jr., deceased; E. E. Teepie administratrix, Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing propellant powder. 1,924,465; Aug. 29.
- Teesdale, Clyde H., Grand Rapids, Mich. Fuel feed system. 1,914,541; June 20.
- Teesdale Manufacturing Company. (See Rich, Claude R., assignor.)
- Teeson, Erccel A. (See Tillyer, E. D., and Teeson.)
- Teeter, Wilford H. (See Aseltine, F. E., Kindl, and Teeter.)
- Teeter, Wilford H. (See Aseltine, F. E., Teeter, Kindl, and Funston.)
- Teeter, Wilford H., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,898,324; Feb. 21.
- Teeter, Wilford H., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,899,363; Feb. 28.
- Teeter, Wilford H., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,904,634; Apr. 18.
- Teeter, Wilford H., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,913,144; June 6.
- Teeter, Wilford H., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,922,407; Aug. 15.
- Teeter, Wilford H., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,929,193; Oct. 3.
- Teeter, Wilford H., assignor, by mesne assignments, to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,929,194; Oct. 3.
- Teeter, Wilford H., assignor to Delco Products Corporation, Dayton, Ohio. Charge forming device. 1,941,284; Dec. 26.
- Teetor, Benjamin F., Hagerstown, Ind. Stress measuring means. 1,933,354; Oct. 31.
- Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston. 1,921,643; Aug. 8.
- Teetor, Ralph J., Cadillac, Mich. Lock nut. 1,928,769; Oct. 3.
- Teetor, Ralph J., Cadillac, Mich., assignor to The Colorado Fuel & Iron Company, Denver, Colo. Roadway guard. 1,913,690; June 13.
- Teetor, Ralph R., Hagerstown, Ind. Handle for fishing rods. 1,898,323; Feb. 21.
- Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Composite piston. 1,929,831; Oct. 10.
- Tefag Textil Finanz A. G. (See Rossmann, Rudolf, assignor.)
- Tefag Textil Finanz A. G. Zurich. (See Rossmann, Rudolf, assignor.)
- Tefft, Charles F., assignor to The Claycraft Mining & Brick Company, Columbus, Ohio. Process for surface treating brick and bricks made thereby. 1,896,126; Feb. 7.
- Tefft, Henry D., Chicago, Ill. Electrical stunning device. 1,902,901; Mar. 28.
- Tefft, Ivan D., Janesville, Wis. Fountain pen. Des. 89,815; May 9.
- Tefft, Ivan D., Janesville, Wis. Mechanical pencil. Des. 89,816; May 9.
- Tefft, Ivan D., and K. S. Parker, assignors to The Parker Pen Company, Janesville, Wis. Mechanical pencil. 1,920,770; Aug. 1.
- Tegarden, Herbert K., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,932,993; Oct. 31.
- Tegethoff, Bernard D. (See Tegethoff, Bernard J., assignor.)
- Tegethoff, Bernard J., assignor of one-half to Bernard Dudley Tegethoff, St. Louis, Mo. Tourist vehicle body. 1,908,078; May 9.
- Tegtmeyer, August C., Nebraska City, Nebr. Weed turner for plows. 1,896,568; Feb. 7.
- Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Door stop and holder. 1,914,542; June 20.
- Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Lock controlled electric switch. 1,931,308; Oct. 17.
- Teichmann, Ludwig. (See Ley, P., and Teichmann.)
- Teichmann, Ludwig, and H. Noerr, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Titanium sulphate compounds. 1,941,285; Dec. 26.
- Teichmann, Ludwig, Leverkusen-on-the-Rhine, and F. Specht, Cologne-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Titanium sulphuric acid compounds. 1,934,778; Nov. 14.
- Teichner, Rudolph, and S. R. Yancey, assignors to Sure Guard Corporation, New York, N. Y. Electric switch. 1,894,070; Jan. 10.
- Teigland, George J., Haddonfield, N. J. Automatic shaper in standard yacht building. 1,939,580; Dec. 12.
- Teilmann, Jürgen. (See Rimstad, I. A., and Teilmann.)
- Teitel, Albert and C. Corona, assignors of one-half to L. M. Cohen, New York, N. Y. Color process for films. 1,929,180; Oct. 3.
- Teitelbaum, Maxwell, Brooklyn, N. Y. Adjustable hatrack. 1,902,147; Mar. 21.
- Teitscheid, Alfred F., Wharton, N. J. Combination fuse for projectiles. 1,933,608; Nov. 7.
- Tekavec, John, Cleveland, Ohio. Valve reseating tool. 1,899,598; Feb. 28.
- Tekero, Inc. (See Sadacca, Henri, assignor.)
- Telautograph Corporation. (See Van Nostrand, Arleigh N., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Alexandersson, Harald V., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Blomberg, Knut H., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Crowe, Douglas C., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Ekman, Olof I. H., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Ell, Bernhard S. F., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Ell, B. S. F., and Spanne, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Jacobsson, Fritz M., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Kvaal, Albert, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Laurent, Torbern, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Lindberg, Sven E., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Löfgren, Erik O., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Lundell, T. A., and Laurent, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Sievert, E. G., and Ell, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Trechcinski, Roman, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Vos, Mauritz, assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Vos, M. and Laurent, assignors.)
- Telefonaktiebolaget L. M. Ericsson. (See Wiberg, Helge A., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Baranowsky, Raoul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhme, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, O., Bechmann, and Roosenstein, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ehlert, P., and Fassler, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, Wolfgang E., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Güllner, G., and Zepler, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gürtler, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagen, Gerhard B., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hähne, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hammer, Arthur, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hornoff, Ernst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kummerer, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, A., and Scharlau, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leopold, Joachim, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ludena, Werner, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Meissner, Alexander, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Meissner, Alexander, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Michelsen, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, Herbert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, Mendel, assignor.)

- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Osnos, Mendel, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Paesler, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telephonie m. b. H. (See Roder, Hans, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, Horst, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schäffer, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung. (See Schaffer, Walter, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmidt, Ommo, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schriever, Otto, assignor.)
- Telefunken Gesellschaft für Drahtlose Telephonie m. b. H. (See Schröter, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Runge, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Ilberg, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Runge, assignors.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Simon, Hellmut, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Taetz, Paul, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Arco, Georg, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Korschewsky, Nicolaï, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung. (See Leib, August, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie mit beschränkter Haftung. (See Wiegand, Erich, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Zeletzky, Willy, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Knabner, Albert, assignor.)
- Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Kummerer, Wilhelm, assignor.)
- Telegraph Construction and Maintenance Company. (See Smith, W. S., Garnett, and Randall, assignors.)
- Telehor Aktien Gesellschaft. (See von Mihály, Dénes, assignor.)
- Telehor Aktien-Gesellschaft. (See Wikkenhauser, Gustav, assignor.)
- Telephon-Apparat Fabrik E. Zwietsch, and Company. (See Biniek, Georg, assignor.)
- Telephon-Apparat Fabrik E. Zwietsch and Company. (See Biniek, G., Langner, and Dohle, assignors.)
- Telephon- und Telegraphenfabriks-A. G. Kapsch U. Söhne. (See Parel, Karl, assignor.)
- Teleregister Corporation, The. (See Frischknecht, Ernest, assignor.)
- Teleregister Corporation, The. (See Furrer, Emery C., assignor.)
- Teleregister Corporation, The. (See Haselton, Merton L., assignor.)
- Teleregister Corporation, The. (See Hicks, R. M., and Leroy, assignors, and Collings.)
- Telescope Cot Bed Company, The. (See Swaninger, William, assignor.)
- Telescope Cot Bed Company, The. (See Vanderminde, Edwin, assignor.)
- Teleswitch Corporation. (See Gibbs, Leon M., assignor.)
- Teletalk Corporation. (See Bugge, Vernon M., assignor.)
- Teletype Corporation. (See Benjamin, Abraham S., assignor.)
- Teletype Corporation. (See Carr, John O., assignor.)
- Teletype Corporation. (See Jaquith, Lucie F., assignor.)
- Teletype Corporation. (See Kleinschmidt, Edward E., assignor.)
- Teletype Corporation. (See Krum, Howard L., assignor.)
- Teletype Corporation. (See Morton, S., Krum, and Kleinschmidt, assignors.)
- Teletype Corporation. (See Zenner, Walter J., assignor.)
- Televator Corporation. (See Hirshfeld, Jerome, assignor.)
- Television Laboratories, Inc. (See Brolly, Archibald H., assignor.)
- Television Laboratories, Inc. (See Farnsworth, Philo T., assignor.)
- Television Limited. (See Baird, John L., assignor.)
- Television Products, Inc. (See Sleeper, Milton B., assignor.)
- Telford, Roy A., Philadelphia, Pa. Engine governor. 1,938,443; Dec. 5.
- Tell, R. P. (See Aikman, Burton S., assignor.)
- Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Band pass amplifier. 1,926,125; Sept. 12.
- Teller, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of aluminum sulphate solutions. 1,897,740; Feb. 14.
- Teller, George L. (See Kellogg, J. H., and Teller.)
- Teller, Jacob, Chicago, and A. P. Schulz, Berwyn, Ill., assignors, by mesne assignments, to Teller Stove Designing Corporation. Safety appliance for gas or electric ranges. 1,931,334; Oct. 17.
- Teller, Jacob, New Rochelle, and A. P. Schulz, assignors to Teller Stove Designing Corporation, New York, N. Y. Gas or electric cooking apparatus. 1,938,470; Dec. 5.
- Teller, Martin P., assignor to Schutte & Koerting Company, Philadelphia, Pa. Combined shut off and trip valve. 1,905,014; Apr. 25.
- Teller Stove Designing Corporation. (See Heidebreder, Herman H., assignor.)
- Teller Stove Designing Corporation. (See Schulz, Arthur P., assignor.)
- Teller Stove Designing Corporation. (See Teller, J., and Schulz, assignors.)
- Teller, William K. (See Kellogg, J. H., and Teller.)
- Telkor, Inc. (See Roe, William C., assignor.)
- Temlerow, Alma D., New York, N. Y. Garment material and pattern. 1,934,282; Nov. 7.
- Temkovits, Charles, Philadelphia, Pa. Liquid cooling installation. 1,919,606; July 25.
- Temple Corporation. (See Bouvier, Harold K., assignor.)
- Temple Corporation. (See Swallow, Joseph, assignor.)
- Temple, John J., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Machine for inserting corks into caps for collapsible tubes. 1,900,671; Mar. 7.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 1,921,551; Aug. 8.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Control mechanism. 1,923,595; Aug. 22.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve. 1,934,758; Nov. 14.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Pressure reducing valve. 1,934,832; Nov. 14.
- Temple, Robert B., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Demountable wheel. 1,940,617; Dec. 19.
- Temple Slag Company. (See Nickliss, Stephen N., assignor.)
- Templeman, David R., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Flexible casing. 1,933,460; Oct. 31.
- Templeman, John E., Chicago, Ill. Hand operated car brake. 1,922,988; Aug. 15.
- Templeman, John P., Chicago, Ill. Drop shaft brake for railway cars. 1,935,785; Nov. 21.
- Templeton, Bryce O., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric resistance device. 1,921,441; Aug. 8.
- Templeton, Edwin G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Stitcher for tires. 1,913,348; June 6.
- Templeton, Herbert J., Brooklyn, assignor of one-tenth to E. C. O'Donnell, New York, N. Y. Moving picture projector. 1,897,283; Feb. 14.
- Templeton, Kenly & Co. Limited. (See Jakoubek, F. J., and Pachowicz, assignors.)
- Templeton, Samuel M., assignor to Dayton Scale Company, Dayton, Ohio. Scale. 1,918,877; July 13.
- Templeton, William M., Willows, Calif. Windrow harvester apparatus and method. 1,906,498; May 2.
- Templeton, William M., Willows, Calif. Harvesting machine. 1,938,263; Dec. 5.
- Templeton, William M., Willows, Calif. Harvesting rice and like grain. 1,938,264; Dec. 5.
- Templin, Richard L., Parnassus, assignor to Aluminum Company of America, Pittsburgh, Pa. Extensometer. 1,908,930; May 16.
- Templin, William, Glen Ellyn, Ill. Combined display rack and advertising card. Des. 90,739; Sept. 19.
- Temporator Company. (See Ederer, Lothar A., assignor.)
- Ten Bosch, Abraham, Nijm, Arnhem, Netherlands. Reducing the liquid contents of materials which have many capillary spaces. 1,926,504; Sept. 12.
- Tench, Frank. (See Mercer, R., and Tench.)
- Tendero, Vicente, Buenos Aires, Argentina. Hood for automobiles and the like. 1,926,757; Sept. 12.
- Tener, Kinley J. (See Cuddy, Loftus B., assignor.)
- Tengström, Hans, Berlin-Steglitz, Germany, assignor to General Electric Company. Gate hoisting system. 1,922,829; Aug. 15.
- Tennant, G. H. Company. (See Pennock, Edward M., assignor.)
- Tennant, Jessie H. (See Tennant, William L., assignor.)
- Tennant, Joseph A. (See Abercrombie, J. S., Tennant, and Allen.)
- Tennant, Joseph A., Houston, Tex., assignor, by mesne assignments, to Stephens Pump Company, Round Rock, Tex. Pump. 1,899,364; Feb. 28.
- Tennant, Joseph A., Houston, assignor, by mesne assignments, to Stephens Pump Company, Round Rock, Tex. Pump. 1,940,516; Dec. 19.
- Tennant, William L., assignor to J. H. Tennant, San Francisco, Calif. Incense. 1,909,381; May 16.

- Tennessee Copper Company. (See Queen, Patrick W., assignor.)
- Tennessee Enamel Manufacturing Co. (See Calton, Robert G., assignor.)
- Tennessee Furniture Corporation. (See Frazier, Robert T., assignor.)
- Tennessee Products Corporation. (See Brewer, W. P., and Jones, assignors.)
- Tennessee Products Corporation. (See Carlin, J. C., and Hochwalt, assignors.)
- Tennessee Products Corporation. (See Walton, John W., assignor.)
- Tenney, Charles I., Newton, Iowa., assignor, by mesne assignments, to Somet-Solvay Engineering Corporation, New York, N. Y. Gas making apparatus. 1,900,961; Mar. 14.
- Tenney, Dwight, Montclair, N. J. Air conditioning apparatus. 1,903,250; Mar. 28.
- Tenney, Edward H., Webster Groves, Mo. Pulverized fuel burner. 1,920,117; July 25.
- Tenney, Perry L., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Transmission. 1,916,501; July 4.
- Tenova Limited. (See Smith, Frederick J. C.)
- Ten Pas, Francisus J., Aikmaar, Netherlands. Loud speaker. 1,918,995; July 18.
- Te Pas, Edmund J., Lakewood, assignor to The Patrol Valve Company, Cleveland, Ohio. Gas burner control. 1,917,075; July 4.
- Teppema, Jan, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Accelerator of vulcanization. 1,923,957; Aug. 22.
- Terhaar, Aloysius S., San Diego, Calif. Internal combustion engine. 1,897,182; Feb. 14.
- Ter Horst, William P., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Continuous preparation of a di-substituted guanidine. 1,897,220; Feb. 14.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,934; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,935; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,936; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,937; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,938; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,939; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,940; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,941; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,906,942; May 2.
- Ter Horst, William P., Packanack Lake, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Combining dialkyl ketones and secondary aromatic amines. 1,915,108; June 20.
- Ter Horst, William P., Akron, Ohio, assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treatment of rubber. 1,935,279; Nov. 14.
- Ter Horst, William P., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron Ohio. Making dinitro-phenyl benzothiazyl-sulphides. 1,941,142; Dec. 26.
- Terhune, Edwin W., assignor to Lord & Burnham Company, Irvington, N. Y. Sash operating mechanism. 1,916,817; July 4.
- Terhune, Leonard B., Newark, N. J., assignor to Du Pont Viscoid Company, Wilmington, Del. Brush holder for brush-making machines. 1,913,863; June 13.
- Terhune, Leonard B., Newark, N. J., assignor to Du Pont Viscoid Company, Wilmington, Del. Drilling and inserting mechanism for brush machines. 1,937,101; Nov. 28.
- Terkelsen, Andrew. (See Derry, Jasper, assignor.)
- Terman, Frederick E., Stanford University, Calif., assignor to Wired Radio, Inc., New York, N. Y. Rectifier system. 1,933,773; Nov. 7.
- Terman, Frederick E., Stanford University, Calif. Modulation meter. 1,915,558; June 27.
- Ter Meer, Gustav, Munich, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Centrifugal machine. 1,896,806; Feb. 7.
- Ter Meer, Gustav, Munich, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Discharging device for centrifugal machines. 1,918,436; July 18.
- Ter Meer, Gustav, Munich, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Centrifugal machine. 1,923,895; Aug. 22.
- Ter Meer, Gustav, Munich, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Discharging device for centrifugal machines. 1,925,121; Sept. 5.
- Ter Meer, Gustav, Munich, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Centrifugal machine. 1,928,341; Sept. 26.
- "Termini" Societa per l'Industria e l'Elettricit . (See Fiorelli, Ferdinando, assignor.)
- Ternstedt Manufacturing Company. (See Carlson, Eric S., assignor.)
- Ternstedt Manufacturing Company. (See Cislo, Casimer L., assignor.)
- Ternstedt Manufacturing Company. (See DeOrlow, Stephen, assignor.)
- Ternstedt Manufacturing Company. (See Haskins, H. B., and Lakin, assignors.)
- Ternstedt Manufacturing Company. (See Haskins, H. B., and Simpson, assignors.)
- Ternstedt Manufacturing Company. (See Hibbard, Thomas L., assignor.)
- Ternstedt Manufacturing Company. (See Hollerith, Charles, assignor.)
- Ternstedt Manufacturing Company. (See Lakin, J. W., and Field, assignors.)
- Ternstedt Manufacturing Company. (See Lemm, Bonnie E., assignor.)
- Ternstedt Manufacturing Company. (See Morgan, John R., assignor.)
- Ternstedt Manufacturing Company. (See Morgan, J. R., and Schnell, assignors.)
- Ternstedt Manufacturing Company. (See Schebera, E., and Shaw, assignors.)
- Ternstedt Manufacturing Company. (See Schnell, William, assignor.)
- Ternstedt Manufacturing Company. (See Wright, Edward A., assignor.)
- Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 1,925,062; Aug. 29.
- Terrell, Harold C., assignor to The Ohio Parts Company, Cincinnati, Ohio. Storage battery lifter. 1,893,971; Jan. 10.
- Terrell Machine Company, The. (See Smith, Milton G., assignor.)
- Terrell Machine Company, The. (See Terrell, Edgar A., assignor.)
- Terrell, Stephen R., Duluth, Minn. Automobile heater. 1,928,513; Sept. 26.
- Terrill, Franklin E., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Apparatus for remote control of prime movers. 1,937,607; Dec. 5.
- Terry, Albert A., Middle Brighton, Victoria, Australia. Device for suspending towels, drying cloths and other objects. 1,922,989; Aug. 15.
- Terry, Charles E. (See Gentleman, F. Y., and Terry.)
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Control apparatus. 1,897,448; Feb. 14.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Method and apparatus for controlling combustion. 1,905,658; Apr. 25.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Valved coupling. 1,927,448; Sept. 19.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Valve. 1,938,943; Dec. 12.
- Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Unloading valve. 1,939,150; Dec. 12.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Water connection. 1,894,801; Jan. 17.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Handle for rock drills. 1,902,530; Mar. 21.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 1,907,464; May 9.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Lubricator. 1,907,465; May 9.
- Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,918,065; July 11.
- Terry, Edward F., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 1,897,595; Feb. 14.
- Terry, Edward F., Phillipsburg, N. J., and F. M. Slater, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Lubricator. 1,925,826; Sept. 5.
- Terry, Floyd E., Lancaster, Ohio. Antisiphon device for fuel tanks. 1,931,335; Oct. 17.
- Terry, Matson C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. 1,922,508; Aug. 15.
- Terry, Roger V., Hilton Village, Va., assignor to Newport News Shipbuilding and Dry Dock Company. Hydraulic machine. 1,907,466; May 9.
- Terry, Roy C., assignor of one-fifth to Milo B. Stevens & Co., Chicago, Ill. Animal trap. 1,939,190; Dec. 12.
- Terry, Roy V. (See Kuhn, J. J., and Terry.)
- Terry, Roy V., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Film editing machine. 1,930,913; Oct. 17.
- Terry, Vincent G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,926,604; Sept. 12.
- Terry, Walter J., Seattle, Wash. Straight dental hand-piece. 1,922,644; Aug. 15.

- Terry, Wilbur B., and F. Fincham, Toronto, Ontario, Canada. Carriage for typewriters and adding-typewriters. 1,935,677; Nov. 21.
- Tervo, Anna M., administratrix. (See Tervo, Oscar, and Mathewson.)
- Tervo, Oscar, Quincy, assignor to United Mattress Machinery Company, Boston, Mass. Side stitching a mattress. 1,909,434; May 16.
- Tervo, Oscar, deceased, North Weymouth, Mass., by Anna M. Tervo, administratrix, Norway, Me., and W. B. Mathewson, North Weymouth, Mass. Cranberry picker. 1,907,467; May 9.
- Terwilliger, Charles O., Mount Vernon, N. Y. assignor to Ward Leonard Electric Company. Resistance device and insulator. 1,938,674; Dec. 12.
- Terzian, Harutyun G., assignor to The United Gas Improvement Company, Philadelphia, Pa. Complete gasification apparatus. 1,913,646; June 13.
- Tesch, Walter C., Milwaukee, Wis. Device for swaging saw teeth. 1,924,171; Aug. 29.
- Tesmer, William, assignor to The American Rolling Mill Company, Middletown, Ohio. Machine for making spiral pipe. 1,939,581; Dec. 12.
- Tesser Manufacturing Corporation. (See Ducker, Joseph S., assignor.)
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Machine tool. 1,910,574; May 23.
- Tessky, Karl, Esslingen-on-the-Neckar, Germany. Bar guide for machine tools. 1,935,999; Nov. 21.
- Tessmer, Max, Cologne-Kalk, Germany. Railway vehicle with armored front ends. 1,915,770; June 27.
- Test, Skiles E., Indianapolis, Ind. Apparatus for warming and cleaning artificial pools. 1,917,614; July 11.
- Testa, Nicholas B. (See Persons, C. A., and Testa.)
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,905,764; Apr. 25.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,907,899; May 9.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade receptacle. 1,909,919; May 16.
- Testi, Nicholas, New York, N. Y., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,928,363; Sept. 26.
- Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,928,364; Sept. 26.
- Teter, Howard W., St. Paul, Minn. Antislip belt pulley. 1,939,325; Dec. 12.
- Tetlow, Lewis J., Holyoke, Mass. Landing cradle. 1,906,922; May 2.
- Tetlow, Lewis J., Holyoke, Mass. Airplane. 1,924,471; Aug. 29.
- Tetlow, Lewis J., Holyoke, Mass. Airplane. 1,927,352; Sept. 19.
- Tetnowski, Peter P. (See La Fazan, N. B., Tetnowski, and Tetnowski.)
- Tetrault, Philippe A., West Lafayette, Ind., assignor to The Wisconsin Alumni Research Foundation, Madison, Wis. Production of acetic acid and glucose. 1,939,736; Dec. 19.
- Tettebach, Peter. (See Burns, Milfred B., assignor.)
- Teufel, Otto C., Eldon, Iowa. Adjustable supporting device. 1,892,687; Jan. 3.
- Teufel, Franz C. (See Goldberg, M. J., and Teufel.)
- Teupel, Ernst. (See Wahl, O., Müller, Gohn, and Teupel.)
- Teuscher, Edward C., Webster Groves, assignor to Teuscher Pulley & Belting Company, St. Louis, Mo. Cutting machine. 1,898,647; Feb. 21.
- Teuscher Pulley & Belting Company. (See Teuscher, Edward C., assignor.)
- Tevander, Olof N., assignor to Standard Cap & Seal Corporation, Chicago, Ill. Conveying mechanism. 1,907,900; May 9.
- Tevander, Swan N., Maywood, Ill. Ferrule for implement handles. 1,911,406; May 30.
- Teves, Martin C. (See de Boer, J. H., and Teves.)
- Tevonian, Hagop P., Brooklyn, N. Y. Drafting board. 1,896,923; Feb. 7.
- Tewksbury, Allen M., assignor of one-third to Blin W. Pace, Skowhegan, Me. Method and apparatus for producing sound waves. 1,900,623; Mar. 7.
- Tews, Henry W., Milwaukee, assignor to Electro Flushing & Mfg. Co., West Allis, Wis. Plumbing fixture. 1,907,683; May 9.
- Texaco Salt Products Company. (See Martin, Otto V., assignor.)
- Texas Company, The. (See Armistead, George, jr., assignor.)
- Texas Company, The. (See Bailey, A. S., and Reynolds, assignors.)
- Texas Company, The. (See Behimer, Otto, assignor.)
- Texas Company, The. (See Bogart, Guy B., assignor.)
- Texas Company, The. (See Burden, Oscar R., assignor.)
- Texas Company, The. (See Candor, Edward R., assignor.)
- Texas Company, The. (See Chebotar, Leo P., assignor.)
- Texas Company, The. (See Cook, Leon W., assignor.)
- Texas Company, The. (See Cox, Edwin R., assignor.)
- Texas Company, The. (See de Florez, Luis, assignor.)
- Texas Company, The. (See Dooley, Byron F., jr., assignor.)
- Texas Company, The. (See Drake, Rollin L., assignor.)
- Texas Company, The. (See Dudley, Andrew T., assignor.)
- Texas Company, The. (See Ebaugh, Frank W., assignor.)
- Texas Company, The. (See Edwards, Clarence T., assignor.)
- Texas Company, The. (See Elliott, Walton H., assignor.)
- Texas Company, The. (See Fouts, Horace A., assignor.)
- Texas Company, The. (See Gallsworthy, Benjamin, assignor.)
- Texas Company, The. (See Gee, William P., assignor.)
- Texas Company, The. (See Gray, G. W., and Hull, assignors.)
- Texas Company, The. (See Gumaer, Pierre L., assignor.)
- Texas Company, The. (See Hall, Frank W., assignor.)
- Texas Company, The. (See Hall, F. W., and Grahame, assignors.)
- Texas Company, The. (See Hall, F. W., and Lauer, assignors.)
- Texas Company, The. (See Holland, Harry W., assignor.)
- Texas Company, The. (See Kizer, Howard W., assignor.)
- Texas Company, The. (See Lauer, Carl E., assignor.)
- Texas Company, The. (See Mackay, Charles W.)
- Texas Company, The. (See Mackenzie, Kenneth G., assignor.)
- Texas Company, The. (See Manley, Robert E., assignor.)
- Texas Company, The. (See McCollum, Burton, assignor.)
- Texas Company, The. (See Mitchell-Roberts, John F., assignor.)
- Texas Company, The. (See Montgomery, Oifton D., assignor.)
- Texas Company, The. (See Moore, William F., assignor.)
- Texas Company, The. (See Nelson, Roy F., assignor.)
- Texas Company, The. (See Osenburg, George W., assignor.)
- Texas Company, The. (See Phillips, Laurance V., assignor.)
- Texas Company, The. (See Remington, B. F., and Stevenson, assignors.)
- Texas Company, The. (See Smith, Harry L., assignor.)
- Texas Company, The. (See South, W. L., and Anné, assignors.)
- Texas Company, The. (See Stratford, William M., assignor.)
- Texas Company, The. (See Swearingen, G. V., and Dixon, assignors.)
- Texas Company, The. (See Talbot, Bryan B., assignor.)
- Texas Company, The. (See Taveau, René de M., assignor.)
- Texas Company, The. (See Towne, C. C., and Becker, assignors.)
- Texas Company, The. (See Watson, Claude W., assignor.)
- Texas Company, The. (See Watson, C. W., and Grahame, assignors.)
- Texas Company, The. (See Wilson, Charles P., assignor.)
- Texas Gulf Sulphur Company. (See Bencowitz, Isaac, assignor.)
- Texas Gulf Sulphur Company. (See Lenander, Nils E., assignor.)
- Texas Iron Works Sales Corporation. (See Church, Walter L., assignor.)
- Texas Iron Works Sales Corporation. (See Pearce, Louis M., assignor.)
- Textile Dyeing and Printing Co. of America, Inc. (See Froelicher, Victor, assignor.)
- Textile Dyeing and Printing Company of America, Inc. (See Sieben, Herbert, assignor.)
- Textile Finishing Machinery Company, The. (See Kane, Thomas E., assignor.)
- Textile Finishing Machinery Company, The. (See Rusden, Ethelbert A., assignor.)
- Textile-Finishing Machinery Company, The. (See Rusden, E. A., and Johnson, assignors.)
- Textile Machine Works. (See Autem, Fred, assignor.)
- Textile Machine Works. (See Bareiss, Julius, assignor.)
- Textile Machine Works. (See Bitzer, Gottlob, assignor.)
- Textile Machine Works. (See Gastrich, Gustav, assignor.)
- Textile Machine Works. (See Janssen, Henry, assignor.)
- Textile Machine Works. (See Kroener, Paul F., assignor.)
- Textile Machine Works. (See Moyer, William H., assignor.)
- Textile Machine Works. (See Richter, Max, assignor.)
- Textile Machine Works. (See Winkler, Emil W., assignor.)
- Textile Machine Works. (See Zwicky, Melchior, assignor.)
- Textile Machinery Corporation. (See Goldthwait, Charles F., assignor.)
- Textile Patent & Process Co., Incorporated. (See Cotchett, Louis M., assignor.)
- Thackray, George E., Bethlehem, Pa. Sheet piling. 1,896,259; Feb. 7.
- Thada, Walter L., Klemme, Iowa. Animal trap. 1,922,265; Aug. 15.
- Thaheld, Feri A., Dallas, Tex., assignor, by mesne assignments, to Guiberson Diesel Engine Company, Dover, Del. Fuel injector for engines. 1,902,197; Mar. 21.
- Thaheld, Feri A., Dallas, Tex., assignor, by mesne assignments, to Guiberson Diesel Engine Company, Dover, Del. Coupling. 1,939,242; Dec. 12.
- Thalhammer, Karl W., Los Angeles, Calif. Tripod leg structure. 1,915,628; June 27.
- Thalmann, Frank A., Milwaukee, Wis. Toy hoop. 1,895,216; Jan. 24.
- Thane, Bjarne, Ketchikan, Alaska. Wire gripping device. 1,910,937; May 23.

- Tharp, Bessie M., administratrix. (See Tharp, Victor S.)
- Tharp, Charles W., Watsonville, Calif. Leveler. 1,901,936; Mar. 21.
- Tharp, Victor S., Elmhurst, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,899,536; Feb. 28.
- Tharp, Victor S., deceased, Elmhurst, by Bessie M. Tharp, administratrix, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,905,765; Apr. 25.
- Tharp, Victor S., Elmhurst, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Measured service telephone system. 1,909,025; May 16.
- Tharp, Victor S., Elmhurst, and C. E. Lomax, Oak Park, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 1,904,904; Apr. 18.
- Thatcher, Linden A. (See Darby, J., and Thatcher.)
- Thau, Charles K., Brooklyn, N. Y. Hair curler. 1,917,341; July 11.
- Thauss, Alfred, Cologne-Deutz, and M. Hardtmann, Wiesdorf, near Cologne, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Insect pests proof article and preparing same. 1,910,938; May 23.
- Thayer Action Company. (See Dasenbrook, Charles H., assignor.)
- Thayer, Allan A., assignor to Two-Way Shock Absorber Company, Jamestown, N. Y. Shock absorber. 1,936,695; Nov. 28.
- Thayer, Charles H., Ashland, Mass. Calculating device for use with three-phase wattmeters. 1,918,723; July 18.
- Thayer, Chester B., Benton Harbor, Mich. Basket making machine. 1,933,879; Nov. 7.
- Thayer, Clarence H. (See Pew, A. E., jr., and Thayer.)
- Thayer, Clarence H. (See Thomas, H., Thayer, and Thorngate.)
- Thayer, Joseph E., West Bridgewater, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt tempering device for shoe sewing machines. 1,893,789; Jan. 10.
- Theatre Scriptamp Corporation of America. (See Bolton, David J., assignor.)
- Thege, Edwin, O. P. (See Pyk, H. T., and Thege.)
- Theis, Erich, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of carbamic acid chloride. 1,937,328; Nov. 28.
- Theiss, John H., Metuchen, N. J. Protecting photographic elements. 1,898,857; Feb. 21.
- Theiss, John H., Metuchen, N. J. Wrapping apparatus. 1,898,858; Feb. 21.
- Theisz, Emil, Budapest, assignor to Egyesült Izzólámpa és Villamosági részvénytársaság Uj-Pest, Hungary. Plated metal body and producing same. 1,896,022; Jan. 31.
- Thelander, Carl A., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Spring testing machine. 1,921,793; Aug. 8.
- Thelen, Otto H. L. (See Bartels, R. B., and Thelen.)
- Theobald, Paul F., et al. (See Clinton, C. H., Theobald, and Stitt.)
- Theobald, William M., Cleveland, Ohio. Apparatus for cleaning window shades. 1,902,344; Mar. 21.
- Theodoropoulos, Aristede A., New York, N. Y. Twin food mixer. 1,902,678; Mar. 21.
- Theodoropoulos, Aristede A., New York, N. Y. Combination vegetable slicer. 1,926,735; Sept. 12.
- Thermador Electrical Manufacturing Co. (See Hoffman, George D., assignor.)
- Thermal Control Corporation. (See Robe, Walten B., assignor.)
- Thermal Syndicate Limited, The. (See Von Beaulieu Marconnay, Alexander O. F., assignor.)
- Thermal Unit Company. (See Soverhill, Harvey A., assignor.)
- Therm-A-Mode, Inc. (See Burkholder, John D., assignor.)
- Thermatomic Carbon Company. (See Spear, E. B., and Moore, assignors.)
- Therminsul Corporation of America, The. (See Shaver, George D., assignor.)
- Thermique, Incorporated. (See Jancke, Benno F., assignor.)
- Thermo Electric Company. (See Hermann, Otto, assignor.)
- Thermoid Rubber Company. (See Hemeon, James R., assignor.)
- Thermoid Rubber Company. (See Kent, Raymond W., assignor.)
- Thermoid Rubber Company. (See Simpson, William R., assignor.)
- Theune, Otto, Brooklyn, N. Y. Control device. 1,913,220; June 6.
- Theusner, Margarete, Geb. Rectenwald, Berlin-Steglitz, Germany. Heel protecting cap. 1,895,389; Jan. 24.
- Thow, Harry C., Lima, Ohio. Watch cleaning machine. 1,934,019; Nov. 7.
- Thew Shovel Company, The. (See Scott, Harry E., assignor.)
- Thow-Shovel Company, The. (See Smythe, Frank A., assignor.)
- Thew Shovel Company, The. (See Stringer, Thomas F., assignor.)
- Thewalt, Adolf. (See Deuser, R., and Thewalt.)
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Frame or stock for pipe cutters and like tools. 1,896,127; Feb. 7.
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Chain vise. 1,911,538; May 30.
- Thewes, William O., assignor to Ridge Tool Company, North Ridgeville, Ohio. Cutter die. 1,932,563; Oct. 31.
- Thewes, William O., assignor to The Ridge Tool Company, North Ridgeville, Ohio. Pipe wrench. 1,939,798; Dec. 19.
- Thibaudau, Charles E., Ivry-Sur-Seine, France, assignor to United Shoe Machinery Corporation, Boston, Mass. Shoe finishing machine. 1,935,863; Nov. 21.
- Thibault, Aldege. (See Racine, Méric, assignor.)
- Thiberge, Paul L. A., Nanterre, Seine, France. Liquid distributor. 1,923,518; Aug. 22.
- Thibert, Napoleon R., Worcester, Mass. Filtering device. 1,935,136; Nov. 14.
- Thibert, Napoleon R., Worcester, Mass. Preheater for oil burners. 1,940,379; Dec. 19.
- Thibodeau, Christopher G., Arlington, assignor to Frank W. Zinn, Boston, Mass. Radiator valve. 1,912,867; June 6.
- Thide, Charles, Brooklyn, N. Y. Motion picture change-over and cut-off device. 1,923,042; Aug. 15.
- Thiel, Otto. (See Beckett, R. W., and Thiel.)
- Thiel, Otto, assignor to Timken-Silent Automatic Company, Detroit, Mich. Fuel discharge means for rotary oil burners. 1,937,800; Dec. 5.
- Thiele, Ernest W., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Coking coal. 1,899,887; Feb. 28.
- Thiele, Ernest W., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Apparatus for carbonization of coal. 1,899,888; Feb. 28.
- Thiele, Max. (See Kränzlein, G., Greune, Thiele, and Helwert.)
- Thiemann, William B., Albert City, Iowa. Rake. 1,910,371; May 23.
- Thiemann, William B., Albert City, Iowa. Scraper attachment for tractor wheels. 1,917,673; July 11.
- Thiemann, William B., Albert City, Iowa. Guide attachment for tractors. 1,939,472; Dec. 12.
- Thieme, Otto, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,897,284; Feb. 14.
- Thiermann, Johann E., Stuttgart, Germany. Machine tool. 1,922,751; Aug. 15.
- Thies, William H., Silver Spring, Md. Chamfering tool. 1,931,627; Oct. 24.
- Thiess, Karl, and T. Meissner, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New valuable indigoid vat dyestuffs. 1,907,281; May 2.
- Thiess, Karl, and T. Meissner, Frankfurt-on-the-Main-Hochst, W. Zerbeck, Frankfurt-on-the-Main-Fechenheim, and E. Runne, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Thionaphthene-indole condensation vat dyestuffs. 1,925,217; Sept. 5.
- Thill, Victor J. (See Stoddard, W. B., and Greenwald, assignors.)
- Thilo, Hans G., Berlin-Steglitz, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Diaphragm for apparatus for picture telegraphy. 1,924,700; Aug. 29.
- Thimann, Max, Berlin-Wilmersdorf, assignor to the Firm Dr. Bekk & Kaulen Chemische Fabrik G. m. b. H., Berlin-Lichterfelde, Germany. Photochemical production of aluminum printing forms. 1,897,828; Feb. 14.
- Thirlot, André, and P. Delcroix, Voiron, France, assignors, by mesne assignments, to Procédes Navarre, Lyon, France. Preparation of rosin solutions. Re19,036; Dec. 26.
- Thirlwell, Thomas W., St. Albans, W. Va. Automatic switch. 1,896,985; Feb. 7.
- Thirlwell, Thomas W., St. Albans, W. Va. Automatic switch. 1,903,580; Apr. 11.
- Thirlwell, Thomas W., St. Albans, W. Va. Automatic switch. 1,910,134; May 23.
- Thiry, Leon, Huv, Belgium. Elastic shaft coupling. 1,941,061; Dec. 26.
- Thoen, Bennett E., assignor, by mesne assignments, of one-half to O. B. Ovestrud, Orfordville, Wis. Agitator. 1,901,998; Mar. 21.
- Thoen, Lowell H., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Windrow header. 1,914,837; June 20.
- Thoen, Lowell H., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,914,838; June 20.
- Thoen, Lowell H., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester thresher. 1,914,839; June 20.
- Thoen, Lowell H., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Engine mounting. 1,920,444; Aug. 1.
- Thoen, Lowell H., Stockton, assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,932,714; Oct. 31.
- Thoen, Lowell H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,928,236; Sept. 26.

- Thoen, Lowell H., Alameda, assignor to Caterpillar Tractor Co., San Leandro, Calif. Threshing. 1,938,986; Dec. 12.
- Thoen, Lowell H., assignor to Caterpillar Tractor Co., San Leandro, Calif. Combined harvester-thresher. 1,941,026; Dec. 26.
- Thoke, Rudolph G., La Grange, Ill. Container. 1,935,923; Nov. 21.
- Thom, James C., Chicago, Ill., assignor to United States Tobacco Company, Nashville, Tenn. Labeling machine. 1,927,473; Sept. 19.
- Thoma, Andrew, assignor to North American Chemical Company, Cambridge, Mass. Method of filling shoes. 1,894,228; Jan. 10.
- Thoma, Andrew, Cambridge, assignor to North American Chemical Company, Boston, Mass. Filling shoes. 1,900,316; Mar. 7.
- Thoma, Andrew, assignor to North American Chemical Company, Cambridge, Mass. Filling shoes. 1,900,317; Mar. 7.
- Thoma, Andrew, assignor to North American Chemical Company, Cambridge, Mass. Template shoe filling apparatus. 1,913,349; June 6.
- Thoma, Andrew, Cambridge, assignor to North American Chemical Company, Boston, Mass. Shoe filler. 1,920,771; Aug. 1.
- Thoma, Erwin. (See Hoffa, E., and Thoma.)
- Thoma, Erwin. (See Kracker, H., and Thoma.)
- Thoma, Hans, Karlsruhe, Germany. Hydraulic pump and motor. 1,924,629; Aug. 29.
- Thoma, Hans, Karlsruhe, Germany. Hydraulic gear. 1,931,969; Oct. 24.
- Thomae, Hans. (See Schimmelschmidt, K., and Thomae.)
- Thomann, Albert H. (See Thomann, Alois and A.)
- Thomann, Alois A., Brookline, and A. H. Thomann, Medford, Mass. Motor vehicle speedometer. 1,905,015; Apr. 25.
- Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Cotton harvester. 1,933,881; Nov. 7.
- Thomas, Adolph A., New York, N. Y. Automobile bumper bar. Des. 91,125; Nov. 28.
- Thomas, Adolph A., New York, N. Y. Electrostatic loudspeaker. 1,901,202; Mar. 14.
- Thomas, Adolph A., New York, N. Y. Sound reproducing apparatus. 1,904,702; Apr. 18.
- Thomas, Adolph A., New York, N. Y. Electric phonograph. 1,915,906; June 27.
- Thomas, Adolph A., New York, N. Y. Loudspeaker. 1,922,181; Aug. 15.
- Thomas, Adolph A., New York, N. Y. Electromagnetic translating device. 1,927,141; Sept. 19.
- Thomas, Adolph A., New York, N. Y. Cinematographic and acoustic apparatus. 1,936,043; Nov. 21.
- Thomas, Albert G., Lynchburg, Va. Gazing globe. 1,921,896; Aug. 8.
- Thomas, Archibald P., Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 1,940,471; Dec. 19.
- Thomas, Arthur, Thornton Heath, assignor to The Accounting & Tabulating Corporation of Gt. Britain Limited, London, England. Ink ribbon feed mechanism. 1,897,084; Feb. 14.
- Thomas, Arthur, Wallington, assignor to The Accounting & Tabulating Corporation of Gt. Britain Limited, London, England. Machine for comparing statistical record cards. 1,897,085; Feb. 14.
- Thomas, Arthur, Thornton Heath, assignor to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Accounting and tabulating machine. 1,938,228; Dec. 5.
- Thomas, Arthur, Thornton Heath, and F. G. S. English, West Croydon, assignors to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Paper feed mechanism for tabulating or other printing machines. 1,896,983; Feb. 7.
- Thomas, Arthur, Wallington, and E. Mowbray, Peckham, London, assignors to The Accounting & Tabulating Corporation of Great Britain Limited, London, England. Machine for sorting statistical cards. 1,926,216; Sept. 12.
- Thomas, Benjamin E. (See Luthy, M., and Thomas.)
- Thomas, Benjamin E., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Apparatus for conducting catalytic processes. 1,936,610; Nov. 28.
- Thomas, Bertram and E. Hulme, Manchester, England. Box and shelves and partitions therefor. 1,906,191; Apr. 25.
- Thomas & Betts Co., The. (See Buchanan, Stephen N., assignor.)
- Thomas & Betts Co., The. (See Church, Lewis H., assignor.)
- Thomas & Betts Co., The. (See Thomas, George C., Jr., assignor.)
- Thomas, Carl C., Pasadena, Calif. Photo-electric control apparatus. 1,924,139; Aug. 29.
- Thomas, Carroll. (See Wennagel, G. F., and Thomas.)
- Thomas, Charles A., assignor to Dayton Synthetic Chemicals, Incorporated, Dayton, Ohio. Prepared resin. 1,939,932; Dec. 19.
- Thomas, Charles A., assignor, by mesne assignments, to Dayton Synthetic Chemicals, Inc., Dayton, Ohio. Protective coating composition. 1,940,613; Dec. 19.
- Thomas, Charles A., and C. A. Hochwalt, assignors to The Fry-Fyter Company, Dayton, Ohio. Fire extinguisher. 1,895,530; Jan. 31.
- Thomas, Charles A., and C. A. Hochwalt, assignors to Fry-Fyter Company, Dayton, Ohio. Fire extinguisher. 1,895,691; Jan. 31.
- Thomas, Charles A., and C. A. Hochwalt, assignors to The Fry-Fyter Company, Dayton, Ohio. Fire extinguishing composition. 1,895,692; Jan. 31.
- Thomas, Charles A., and C. A. Hochwalt, assignors to Thomas & Hochwalt Laboratories, Inc., Dayton, Ohio. Composition for removing carbon deposits. 1,896,759; Feb. 7.
- Thomas, Charles A., and C. A. Hochwalt, assignors to The Fry-Fyter Company, Dayton, Ohio. Fire extinguisher composition. 1,910,653; May 23.
- Thomas, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerator cabinet. Des. 89,098; Jan. 24.
- Thomas, Charles C. H., Mill Valley, Calif. Concrete block molding machine. 1,905,975; Apr. 25.
- Thomas, Charles C. H., Mill Valley, Calif. Vibrator implement. 1,927,075; Sept. 19.
- Thomas, Charles H., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Cathode glow discharge device. 1,914,762; June 20.
- Thomas, Charles H., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Electrode positive column lamp. 1,932,025; Oct. 24.
- Thomas, Charles J., Lansdowne, assignor to Kiwi Mfg. Co., Inc., Philadelphia, Pa. Cushion spring. 1,915,907; June 27.
- Thomas, Charles J., Lansdowne, assignor to Kiwi Mfg. Co., Inc., Philadelphia, Pa. Cushion spring. 1,915,908; June 27.
- Thomas, Charles R., jr., Drexel Hill, Pa., and B. Wich, assignors to National Desk Company, Herkimer, N. Y. Drawer partition. 1,893,186; Jan. 3.
- Thomas, Charles W. et al. (See Freund, B. G., and Thomas.)
- Thomas, Cyril H., Flossmoor, assignor to Royal Electric Manufacturing Company, Chicago, Ill. Refrigeration apparatus. 1,892,911; Jan. 3.
- Thomas, David W., Youngstown, Ohio. Steering wheel. 1,915,769; June 27.
- Thomas, Dean G. (See Anderson, R. J., and Thomas.)
- Thomas, Edward G., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing device. 1,914,985; June 20.
- Thomas, Edwin K. (See Fritz, E. M., E. K. and F. W. Thomas.)
- Thomas, Elbert F., Pampa, Tex. Hat display case. 1,927,353; Sept. 19.
- Thomas Elevator Company. (See Wilson, Alexander H., assignor.)
- Thomas, Eustace. (See Thomas, Bertram and E.)
- Thomas, F. A., Company. (See Schlueter, Edward A., assignor.)
- Thomas, Frank B., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety control equipment. 1,909,382; May 16.
- Thomas, Frank J. (See Vaughan, Clarence E., assignor.)
- Thomas, Frank M. (See Irish, C. G., Burrington, and Thomas.)
- Thomas, Frank W. (See Fritz, E. M., E. K. and F. W. Thomas.)
- Thomas, Frederick, Philadelphia, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Creasing machine. 1,906,499; May 2.
- Thomas, Frederick S., Tokyo, Japan, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Dynamic and air brake interlock. 1,939,866; Dec. 19.
- Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. Re18,773; Mar. 21.
- Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Grounding bushing. 1,899,365; Feb. 28.
- Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Conduit box. 1,906,669; May 2.
- Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Conduit box. 1,909,136; May 16.
- Thomas, George F., Berwyn, assignor to Alemite Corporation, Chicago, Ill. Decarbonizing apparatus. 1,903,016; Mar. 28.
- Thomas, George F., Camberwell, Victoria, and T. D. Leaper, St. Kilda, Victoria, Australia. Clutch. 1,899,834; Feb. 28.
- Thomas, George F., Berwyn, and O. J. Herb, assignors to Alemite Corporation, Chicago, Ill. Gravity lubricating system. 1,905,527; Apr. 25.
- Thomas, George J., assignor to Bendix Brake Company, South Bend, Ind. Making a brake member. 1,899,599; Feb. 28.
- Thomas, George J., assignor to Bendix Brake Company, South Bend, Ind. Brake-lining testing. 1,902,594; Mar. 21.
- Thomas, George J., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,458; May 9.
- Thomas, George J., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,459; May 9.

- Thomas, George J., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,908,460; May 9.
- Thomas, George J., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,917,911; July 11.
- Thomas, George M. (See Pullen, R. S., Casey, and Thomas.)
- Thomas, Griffith. (See Rowlands, J. H., and Thomas.)
- Thomas, Heinrich. Solingen-Wald, Germany. Sash window. 1,941,369; Dec. 26.
- Thomas, Henry. (See Pew, A. E., jr., and Thomas.)
- Thomas, Henry, Barking, England, assignor to U. S. Slicing Machine Company, La Porte, Ind. End guard for slicing machines. 1,910,654; May 23.
- Thomas, Henry, London, England, assignor to U. S. Slicing Machine Company, La Porte, Ind. Work holder for slicing machines. 1,918,673; July 18.
- Thomas, Henry, Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Gasoline purifier. 1,929,907; Oct. 10.
- Thomas, Henry, Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Cracking mineral oil. 1,938,406; Dec. 5.
- Thomas, Henry, Ridley Park, C. H. Thayer, Media, and F. A. Thorngate, Chester, assignors to Sun Oil Company, Philadelphia, Pa. Cooling and safeguarding oil cracking apparatus. 1,919,672; July 25.
- Thomas, Henry M. (See Lee, M. D., and Thomas.)
- Thomas, Herman L. (See Renshaw, D., and Thomas.)
- Thomas & Hochwalt Laboratories, Inc. (See Thomas, C. A., and Hochwalt, assignors.)
- Thomas, Horace T., Lansing, Mich., assignor to Reo Motor Car Company. Fuel feed mechanism. 1,901,835; Mar. 14.
- Thomas, Horace T., Lansing, Mich., assignor to Reo Motor Car Company. Door dovetail. 1,910,372; May 23.
- Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Hydraulic brake. 1,915,701; June 27.
- Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Clutch. 1,921,048; Aug. 8.
- Thomas, Horace T., C. E. Furgason, and A. B. Hays, assignors to Reo Motor Car Company, Lansing, Mich. Transmission control mechanism. 1,920,038; July 25.
- Thomas, Idris, et al. (See Swanson, Albert, assignor.)
- Thomas, Ira L., Fort Madison, Iowa. Protected teller's booth. 1,893,459; Jan. 3.
- Thomas, J. L. (See Guest, Frank W., assignor.)
- Thomas, Jack L., assignor of one-fourth to E. T. Bruce, one-fourth to W. D. Fawcett, and one-fourth to E. F. Ross, Oklahoma City, Okla. Balanced valve. 1,907,191; May 2.
- Thomas, James F., and F. G. Ricker, assignors to Nutting Truck Company, Fairbault, Minn. Automatic coupler. 1,938,407; Dec. 5.
- Thomas, John. (See Anderson, I. B., Thomson, and Thomas.)
- Thomas, John. (See Barnes, R. S., Harris, and Thomas.)
- Thomas, John. (See Barnes, R. S., Harris, Wylam, and Thomas.)
- Thomas, John. (See Barnes, R. S., Service, and Thomas.)
- Thomas, John. (See Fairweather, D. A. W., and Thomas.)
- Thomas, John. (See Loveluck, R. J., and Thomas.)
- Thomas, John. (See Shaw, C., and Thomas.)
- Thomas, John. (See Smith, W., Primrose, and Thomas.)
- Thomas, John. (See Smith, W., and Thomas.)
- Thomas, John. Milwaukee, Wis. Dish sterilizer. 1,896,648; Feb. 7.
- Thomas, John F., administrator. (See Boyce, John A.)
- Thomas, John M. (See Jones, Cadwalader, assignor.)
- Thomas, Joseph L., Milan, assignor of one-half to J. Saad, Spokane, Wash. Ash receiver. 1,905,403; Apr. 25.
- Thomas, Julian H., Rocky Mount, N. C. Mechanical pool table. 1,938,265; Dec. 5.
- Thomas, Julian M. (See Nizeradse, Vladimir, assignor.)
- Thomas, Laurence H. (See Kuhn, F., and Thomas.)
- Thomas, Laurence H., assignor to American Electrical Heater Company, Detroit, Mich. Switch for electric heaters. 1,893,568; Jan. 10.
- Thomas, Lucy C., New York, N. Y. Container for matches. 1,895,227; Feb. 21.
- Thomas, Mabel M., executrix. (See Thomas, Thomas H.)
- Thomas Moulding Acoustical Engineering Company. (See Gorman, Henry A., assignor.)
- Thomas, Norman M., Brooklyn, N. Y. Edible food container. Des. 89,224; Feb. 7.
- Thomas, Otho L., Maplewood, N. J., assignor to the Grasselli Chemical Company, Cleveland, Ohio. Making strontium carbonate. 1,936,806; Nov. 28.
- Thomas, Pacific J., Wyoming, Pa. Doubling and twisting machine. 1,938,504; Dec. 5.
- Thomas, Percival S. (See Nigro, M., and Thomas.)
- Thomas, Percival S., assignor to Sleeper & Hartley, Inc., Worcester, Mass. Stop mechanism for spring winding machines. 1,935,137; Nov. 14.
- Thomas, Philip R. (See Sandeman, E. K., Thomas, and Dunham.)
- Thomas, Philip R., Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission control circuit. 1,908,931; May 16.
- Thomas, R., & Sons Company, The. (See Sleeman, Harold P., assignor.)
- Thomas, Ralph B., Cleveland Heights, Ohio, assignor to General Electric Company. Cut-out for incandescent lamps and similar articles. 1,930,326; Oct. 10.
- Thomas, Roswell W. (See Endacott, P. S., and Thomas.)
- Thomas, Roswell W. (See Oberfell, G. G., and Thomas.)
- Thomas, Roswell W., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquid gas container. 1,897,163; Feb. 14.
- Thomas, Roswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Customer's equipment for storing, protecting, and dispensing liquefied gas. 1,897,166; Feb. 14.
- Thomas, Roswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for transportation and distribution of liquefied gas. 1,897,167; Feb. 14.
- Thomas, Roswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Weighing mechanism. 1,897,169; Feb. 14.
- Thomas, Roswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Weighing mechanism. 1,897,170; Feb. 14.
- Thomas, Roswell W., Detroit, Mich., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for producing air-gas. 1,927,379; Sept. 19.
- Thomas, Roswell W., assignor to Phillips Petroleum Company, Bartlesville, Okla. Liquefied gas pump. 1,937,859; Dec. 5.
- Thomas, Roy, Los Angeles, Calif. Welding torch mixer. 1,936,167; Nov. 14.
- Thomas, Rufus C., Savannah, Ga. Envelope-opening means. 1,930,066; Oct. 10.
- Thomas, Sherman O., Washington, D. C., assignor to The American Dairy Supply Company, Augusta, Me. Matrix material for production of printing plates. 1,902,048; Mar. 21.
- Thomas & Skinner Steel Products Co. (See Piercy, Earl R., assignor.)
- Thomas, Stanley R., assignor to Peerless Motor Car Corporation, Cleveland, Ohio. Vehicle frame. 1,894,602; Jan. 17.
- Thomas, Stanley R., assignor to Peerless Motor Car Corporation, Cleveland, Ohio. Torsional vibration damper. 1,895,825; Jan. 31.
- Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service device. 1,898,510; Feb. 21.
- Thomas, Thomas H., deceased, Edgewood; Mabel M. Thomas, executrix, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,901,937; Mar. 21.
- Thomas, Thomas H., deceased, Edgewood, by M. M. Thomas, executrix, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety car equipment. 1,905,253; Apr. 25.
- Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric signal system. 1,910,575; May 23.
- Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 1,914,623; June 20.
- Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 1,919,401; July 25.
- Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Coupler operating valve. 1,927,964; Sept. 26.
- Thomas, Thomas H., deceased, Edgewood, Pa., by M. M. Thomas, Ithaca, N. Y., executrix, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train control apparatus. 1,932,026; Oct. 24.
- Thomas, Ulysses L., assignor to Chrysler Corporation, Detroit, Mich. Adjustable seat. 1,934,893; Nov. 14.
- Thomas, W. C. (See Dickens, James C., assignor.)
- Thomas, W. M. (See Bartley, Joseph A., assignor.)
- Thomas, William, Bogota, N. J., assignor to Pneumercator Company, Brooklyn, N. Y. Constant reading depth indicator and flow valve therefor. 1,931,274; Oct. 17.
- Thomas, William B. (See Miller, Grover C., assignor.)
- Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoes. 1,897,086; Feb. 14.
- Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for pressing shoes. 1,924,172; Aug. 29.
- Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoes. 1,931,561; Oct. 24.
- Thomas, William M., Albuquerque, N. Mex. Carburetor. 1,893,754; Jan. 10.
- Thomas, Willis P. (See Snow, N. L., and Thomas.)
- Thomas, Willis P., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,902,736; Mar. 21.
- Thomas, Wingate S., Chicago, Ill., assignor to Knapp Bros. Mfg. Co. Junction box. 1,906,670; May 2.
- Thomas, Wingate S., assignor to Knapp Bros. Manufacturing Company, Chicago, Ill. Junction box cover. 1,911,407; May 30.
- Thomasson, Arthur R. (See Elms, John E., assignor.)
- Thomasson, Robert C. (See MacRae, P. C., and Thomasson.)
- Thompsett, Harry A. (See Buckle, H. L. T., and Thompsett.)
- Thompsett, Harry A. (See Knight, E., and Thompsett.)
- Thompson, Albert C. (See Almquist, M. L., and Thompson.)

- Thompson, Albert C., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Signaling system. 1,930,631; Oct. 17.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Marker for fruit brushing machines. 1,916,541; July 4.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Cooking and cooling apparatus. 1,921,442; Aug. 8.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Pumpless washer. 1,934,833; Nov. 14.
- Thompson, Albert R., assignor to Anderson Barngrover Mfg. Co., San Jose, Calif. Apparatus for heat treating packaged goods. 1,939,372; Dec. 12.
- Thompson, Albert R., assignor to Anderson-Barngrover Mfg. Co., San Jose, Calif. Cooker and cooler combination collar and connecting coupling. 1,940,777; Dec. 26.
- Thompson, Albert R., San Jose, and C. C. Butler, Pomona, assignors to Food Machinery Corporation, San Jose, Calif. Stack dump. 1,926,318; Sept. 12.
- Thompson, Alfred E., Croydon, assignor to Creed and Company, Limited, Croydon, Surrey, England. Telegraph system. 1,919,607; July 25.
- Thompson, Alfred P., Long Island City, assignor to General Chemical Company, New York, N. Y. Removing hydrogen sulphide from natural gas. 1,922,872; Aug. 15.
- Thompson, Alice M., assignor to William Wilhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,171; June 20.
- Thompson, Almer J. (See Boyer, J. A., and Thompson.)
- Thompson, Alva, Los Angeles, Calif. Automatic direction signal switch. 1,904,806; Apr. 18.
- Thompson, Alvah P. (See Currier, Cornelius J., assignor.)
- Thompson, Anan W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Receptacle. 1,939,867; Dec. 19.
- Thompson, Arnold E., Denver, Colo. Safety razor. 1,923,125; Aug. 22.
- Thompson, Arthur W., assignor to Inland Steel Co., Chicago, Ill. End post and brace members. 1,911,483; May 30.
- Thompson, Arthur W., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer insulation. 1,940,892; Dec. 26.
- Thompson, Benjamin H., Ardara, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder piston lock. 1,914,624; June 20.
- Thompson, Benjamin H., Ardara, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Steam driven fluid compressor. 1,919,402; July 25.
- Thompson, Beriah M., U. S. Navy. Body waste remover. 1,898,104; Feb. 21.
- Thompson, Beriah M., U. S. Navy. Impermeable suit for chemical warfare. 1,931,562; Oct. 24.
- Thompson, Charles W., Wollaston, Mass., assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah. Roll towel cabinet. 1,902,198; Mar. 21.
- Thompson, Clement E., assignor to Structo Manufacturing Company, Freeport, Ill. Sectional warp beam. 1,907,468; May 9.
- Thompson, Clifford F., assignor to Bodine Electric Company, Chicago, Ill. Speed responsive electric switch. 1,897,405; Feb. 14.
- Thompson, Dean L., Los Angeles, Calif. Automatic train pipe coupling. 1,931,776; Oct. 24.
- Thompson, Dorsey, Philadelphia, Pa. Battery connection. 1,920,608; Aug. 1.
- Thompson, Earl W., et al. (See Bickel, William A., assignor.)
- Thompson, Earl W., W. D. Wollesen and J. E. Titus, Chicago, Ill.; said Wollesen and said Titus assignors to said Thompson. Gut cleaning machine. 1,941,118; Dec. 26.
- Thompson, Emery, New Rochelle, N. Y. Scraper for ice cream freezers. 1,934,283; Nov. 7.
- Thompson, Ermine J., and J. Markese, assignors to Delto Star Electric Company, Chicago, Ill. Ventilated switch stud. 1,913,522; June 18.
- Thompson, Ernest H., Winnetka, assignor to Johnson Fare Box Company, Chicago, Ill. Fare box. 1,894,071; Jan. 10.
- Thompson, Ernest H., Winnetka, assignor to Johnson Fare Box Company, Chicago, Ill. Fare box. 1,896,649; Feb. 7.
- Thompson, Ernest H., Winnetka, assignor to Johnson Fare Box Company, Chicago, Ill. Fare collection apparatus. 1,917,615; July 11.
- Thompson, Erskine D., Burlingame, assignor to Standard Oil Company of California, San Francisco, Calif. Certificate and record holders. 1,895,903; Jan. 31.
- Thompson, Ethel. (See Richards, Albert E., assignor.)
- Thompson, Eugene C., Los Angeles, Calif. Photographic shutter and controlling mechanism. 1,909,597; May 16.
- Thompson, Frank C., Syracuse, N. Y. Internal brake for motor vehicle wheels. 1,931,516; Oct. 24.
- Thompson, Frank E. (See Maxwell, M. C., and Thompson.)
- Thompson, Frank E., Winona, Minn. Chain fastener. 1,904,102; Apr. 18.
- Thompson, Frank L., Lansing, Mich. Welding composition. 1,926,412; Sept. 12.
- Thompson, Franklin A. (See Dowd, R. E., and Thompson.)
- Thompson, Franklin H., Indianapolis, Ind. Card holder. 1,927,578; Sept. 19.
- Thompson, Fred C., Detroit, Mich., assignor, by mesne assignments, to Automotive Research Corporation. Change speed transmission. 1,917,343; July 11.
- Thompson, Frederick B., Hollywood, Calif. Method and apparatus for developing and drying motion picture film. 1,933,127; Oct. 31.
- Thompson, George. (See Hopkins, A., and Thompson.)
- Thompson, George, I. M. Steele, and H. Maas, jr., Wood River, Ill. Spring shackle. 1,909,732; May 16.
- Thompson, George D. (See Willi, Christopher B., assignor.)
- Thompson, George F., executor. (See Knapp, E., and Allgrunn.)
- Thompson, George S., Pueblo, assignor to The Colorado Fuel and Iron Company, Denver, Colo. Coal feeder. 1,901,203; Mar. 14.
- Thompson, George W. (See Christy, Allen H., assignor.)
- Thompson, George W. (See Young, Harold A., assignor.)
- Thompson, Gustav E., et al. (See Driggs, Robert G., assignor.)
- Thompson, Gustave W., Sayville, assignor to National Lead Company, New York, N. Y. Refining metals. 1,908,079; May 9.
- Thompson, Gustavus W., Syracuse, N. Y. Golf tee. Des. 91,149; Dec. 5.
- Thompson, Gustavus W., Syracuse, N. Y. Golf tee. Des. 91,150; Dec. 5.
- Thompson, H. L. (See Pattillo, D. K., Corson, and Thompson.)
- Thompson, Harold D., assignor to Piggly Wiggly Corporation, Cincinnati, Ohio. Store illuminating device. 1,922,786; Aug. 15.
- Thompson, Harold E., Hastings upon Hudson, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for transferring liquid material. 1,930,731; Oct. 17.
- Thompson, Harry F., Pasadena, Calif. Cashier's window guard. 1,929,760; Oct. 10.
- Thompson, Harry H., Medina, Ohio. Paste dispensing device. 1,939,582; Dec. 12.
- Thompson, Henry G., East Cleveland, Ohio. Combination bottle opener, jar top remover, and cork screw. 1,930,492; Oct. 17.
- Thompson, Henry H. (See Corey, F., and Thompson.)
- Thompson, Henry J., Seattle, and A. F. Sulak, King County, assignors of one-third to H. M. Caldwell, one-third to J. G. Myers, and one-third to J. D. Arrow-smith, Seattle, Wash. Feed for sugar cube dispensers. 1,896,208; Feb. 7.
- Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Warp feeding mechanism for wire weaving machines. 1,923,402; Aug. 22.
- Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Container and forming the same. 1,937,924; Dec. 5.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,906,021; Apr. 25.
- Thompson, Howard A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 1,912,923; June 6.
- Thompson, Ida M. (See Thompson, Theodore F., assignor.)
- Thompson, James H., et al. (See Davis, E. H., and Johnston, assignors.)
- Thompson, James J., Chicago, Ill. Body adjuster for deceased persons. 1,914,468; June 20.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Furnace grate. 1,899,537; Feb. 28.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate bar. 1,899,538; Feb. 28.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate bar. 1,899,539; Feb. 28.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate. 1,900,530; Mar. 7.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate bar. 1,902,595; Mar. 21.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate. 1,911,005; May 23.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate frame construction. 1,912,868; June 6.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate construction. 1,912,869; June 6.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate. 1,912,870; June 6.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate. 1,912,871; June 6.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate bar. 1,917,559; July 11.

- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate construction. 1,918,497; July 18.
- Thompson, James S., New Rochelle, N. Y., assignor to Firebar Corporation, Cleveland, Ohio. Grate bar. 1,918,498; July 18.
- Thompson, James S., New Rochelle, assignor, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Grate. 1,925,347; Sept. 5.
- Thompson, James S., New Rochelle, assignor, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Grate bar. 1,930,914; Oct. 17.
- Thompson, James S., New Rochelle, assignor, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Grate. 1,939,868; Dec. 19.
- Thompson, James S., assignor to American Brakeblok Corporation, New York, N. Y. Friction block. 1,919,967; July 25.
- Thompson & Jameson Corporation. (See Kuehmsted, Renfrew H., assignor.)
- Thompson, John, Newtown, Wednesbury, England, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Lid supporting means for cabinets or boxes. 1,912,105; May 30.
- Thompson, John K. (See Childers, Earl C., assignor.)
- Thompson, John M., Raleigh, N. C. Hydraulic transmission. 1,906,726; May 2.
- Thompson, John P., assignor to H. F. Phillips, Portland, Ore. Screw. 1,908,080; May 9.
- Thompson, John P., assignor to H. F. Phillips, Portland, Ore. Screw driver. 1,908,081; May 9.
- Thompson, John W., Stanmore, near Sydney, New South Wales, Australia. Concrete slab structure. 1,923,645; Aug. 22.
- Thompson, Joseph S., San Francisco, Calif. Spot cleaning device. 1,892,792; Jan. 3.
- Thompson, Joseph W., and J. W. Hinchley, London, England. Bleaching molasses by means of electrolytic treatment. 1,933,830; Nov. 7.
- Thompson, Joshua B. (See McCallum, A. L., Sutherland, and Thompson.)
- Thompson, Lawrence E., et al. (See Thompson, Roy G., assignor.)
- Thompson, Lawson, et al. (See Weir, William F., assignor.)
- Thompson, Leland E., Schenectady, N. Y. Radio telegraph and telephone reception. 1,929,086; Oct. 3.
- Thompson, Leroy J., Grand Rapids Mich. Vent device for fermenting receptacles. 1,912,739; June 6.
- Thompson, Leroy J., Grand Rapids, Mich. Vent device. 1,929,181; Oct. 3.
- Thompson, Lester O., Oklahoma City, Okla. Steam pressure gauge protector. 1,912,954; June 6.
- Thompson, Lincoln, Naugatuck, Conn., assignor to Radio Corporation of America, New York, N. Y. Amplifying system. 1,915,629; June 27.
- Thompson, Louis T. E., Dahlgren, Va., assignor of one-third to Henry C. Parker, Washington, D. C. Aeroplane bombing toy. 1,924,261; Aug. 29.
- Thompson, Louis W. (See Carothers, R. M., and Thompson.)
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulator. 1,894,133; Jan. 10.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulation. 1,894,837; Jan. 17.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electrical regulator. 1,896,855; Feb. 7.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 1,909,137; May 16.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 1,936,415; Nov. 21.
- Thompson, Louis W., Schenectady, N. Y., and M. Zucker, Royal Oak, Mich., assignors to General Electric Company. Power responsive means. 1,905,766; Apr. 25.
- Thompson, Lucian B., Scotia, and V. J. Chapman, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 1,898,068; Feb. 21.
- Thompson, Marion B., Louisville, Ky. Traffic signal system. 1,917,165; July 4.
- Thompson, Martin W., Munster, Ind. Boat propelling mechanism. 1,914,901; June 20.
- Thompson, Milton D., Fairhaven, Mass. Apparatus for changing the pitch angle of reversible-blade screw propellers. 1,898,697; Feb. 21.
- Thompson, Milton E., Ridgway, Pa. Electrical motor and starting the same. 1,933,774; Nov. 7.
- Thompson, Milton W., Atlanta, Ga. Vehicle wheel. 1,893,154; Jan. 3.
- Thompson, Owen A., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Securing rubber to iron or steel. 1,906,436; May 2.
- Thompson, Owen A., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composite product and making the same. 1,931,309; Oct. 17.
- Thompson, Parker C., Elmira, N. Y. Toy. 1,922,990; Aug. 15.
- Thompson Patents Corporation. (See Thompson, Roy E., assignor.)
- Thompson Products, Inc. (See Colwell, Archie T., assignor.)
- Thompson Products, Incorporated. (See Cox, John R., assignor.)
- Thompson Products, Incorporated. (See Crawford, Frederick C., assignor.)
- Thompson Products, Incorporated. (See Crawford, F. C., and Hufford, assignors.)
- Thompson Products Inc. (See Hufford, George H., assignor.)
- Thompson Products, Incorporated. (See Hufford, G. H., and Graham, assignors.)
- Thompson Products, Inc. (See Hufford, G. H., Crawford, and Graham, assignors.)
- Thompson Products Incorporated. (See Maurer, Edwin R., assignor.)
- Thompson Products, Incorporated. (See Sneed, John, assignor.)
- Thompson, Ralph, et al. (See Weir, William F., assignor.)
- Thompson, Ralph C., Beaver, Pa. Clothes brushing and cleaning appliance. 1,896,128; Feb. 7.
- Thompson, Ralph E., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,897,656; Feb. 14.
- Thompson, Ralph E., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 1,909,920; May 16.
- Thompson, Ralph E., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 1,924,262; Aug. 29.
- Thompson, Ralph F., deceased, East Liverpool, Ohio; S. M. Thompson, administratrix, assignor to Sarah MacGregor Thompson, Sewickley, Pa. Electromagnetic release valve. 1,898,228; Feb. 21.
- Thompson, Ralph P., Pocomoke, Md., assignor of one-half to W. A. Scholey, Ann Arbor, Mich. Grinder. 1,927,104; Sept. 19.
- Thompson, Raymond, Shackleford, Mo. Bucket shield. 1,910,484; May 23.
- Thompson, Richard C., Woodmont, Conn., and F. D. Webster, Mountain Lakes, assignors to American Transformer Company, Newark, N. J. Apparatus for measuring electrical impulse frequency. 1,926,660; Sept. 12.
- Thompson, Robert H., Pottsville, Pa. Steering mechanism. 1,921,141; Aug. 8.
- Thompson, Roy E., Nyack, assignor to Thompson Patents Corporation, New York, N. Y. Remote control system. 1,899,779; Feb. 28.
- Thompson, Roy G., assignor of twenty-five one-hundredths to S. Eisberg, twenty-five one-hundredths to L. E. Thompson, nineteen one-hundredths to J. Rieger, and five one-hundredths to B. Disman, Kansas City, Mo. Dispensing closure for collapsible containers. 1,912,022; May 30.
- Thompson, Roy W., Seattle, Wash. Barrel hoisting and display rack. 1,938,126; Dec. 5.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Remote control mechanism. 1,913,735; June 13.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,914,705; June 20.
- Thompson, Russell G., Rochester, assignor to Electromatic Typewriters, Inc., New York, N. Y. Typewriting machine. 1,934,338; Nov. 7.
- Thompson, Russell G., and C. W. Crumrine, assignors to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,922,991; Aug. 15.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Power driven typewriting machine. 1,940,155; Dec. 19.
- Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,937,047; Nov. 28.
- Thompson, Russell G., and C. W. Crumrine, assignors to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 1,937,048; Nov. 28.
- Thompson, Russell G., and C. W. Crumrine, assignors to Electromatic Typewriters, Inc., Rochester, N. Y. Perforating machine. 1,940,156; Dec. 19.
- Thompson, Sarah M., administratrix. (See Thompson, Ralph F., assignor.)
- Thompson, Sidney E., West Englewood, N. J., assignor to Copeland & Thompson, Incorporated, New York, N. Y. Plate or similar article of pottery. Des. 91,182; Dec. 12.
- Thompson, Theodore F., Fort Dodge, assignor to Ida M. Thompson, West Iowa Lake, Iowa. Semiautomatic free wheeling transmission. 1,896,472; Feb. 7.
- Thompson, Thomas S., Belfast, Me. Dump body for trucks. 1,909,238; May 16.
- Thompson, Thorn. (See Cane, Gordon F., assignor.)
- Thompson, Vincent, legal representative, et al. (See Anderson, Ernest H. B.)
- Thompson, Vincent, et al., legal representatives. (See Parsons, C. A., and Rosen.)
- Thompson, Vincent, et al., legal representatives. (See Parsons, C. A., Cook, and Douglas.)
- Thompson, Walter S., assignor to Morgan & Wright, Detroit, Mich. Ply stretching apparatus. 1,921,594; Aug. 8.
- Thompson, Watson T. (See Sykes, J. P., and Thompson.)
- Thompson, Wayne B., Winchester, assignor to Spraco, Inc., Somerville, Mass. Separator. 1,939,151; Dec. 12.
- Thompson, William, New York, and L. F. Briggs, Brooklyn, N. Y. Cash fare register. 1,912,803; June 6.

- Thompson, William H. (See Wamhoff, W. F., and Thompson.)
- Thompson, William J., Montclair, N. J., assignor to Hal-sam Products Company, Chicago, Ill. Set of alphabet blocks. Des. 91,126; Nov. 28.
- Thompson, William L., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Hosiery, 1,919,487; July 25.
- Thompson, William L., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Self-supporting hosiery, 1,920,943; Aug. 1.
- Thoms, Carl A., and J. M. Smith, assignors to The Kennedy Car Liner & Bag Co., Shelbyville, Ind. Bulk car liner. 1,916,344; July 4.
- Thomsen, Alfred M., San Francisco, Calif. Manufacturing paper pulp. 1,902,106; Mar. 21.
- Thomsen, Alfred M., San Francisco, Calif. The separation and recovery of the constituents of sea water. 1,937,995; Dec. 5.
- Thomsen, Christoph. (See Dachlauer, K., and Thomsen.)
- Thomsen, Jorgen E., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil sheath composition. 1,937,103; Nov. 28.
- Thomsen, Jorgen E., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Making pencils. 1,937,104; Nov. 28.
- Thomsen, Jorgen E., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Self-hardening graphite lead for pencils. 1,937,105; Nov. 28.
- Thomsen, Jorgen E., and J. J. O'Laughlin, assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Lubricating composition and making the same. 1,895,014; Jan. 24.
- Thomsen, Oscar, sr., assignor to Foran Boiler Company, Inc., Flemington, N. J. Boiler. 1,915,807; June 27.
- Thomsen, Thomas C., Irwin, Iowa. Tire tool. 1,911,655; May 30.
- Thomson, Alfred M., Newark, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Apparatus for testing sucker rods. 1,896,114; Feb. 7.
- Thomson, Alfred M., Newark, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Charging terminal potheads with insulating material. 1,932,493; Oct. 31.
- Thomson, Arthur L., Milan, Italy, assignor to Altek Compagnie d'Etude et d'Exploitation d'Appareils Frigorifiques pour le Transport, Antwerp, Belgium. Apparatus for the ventilation of cooling plants. 1,904,570; Apr. 18.
- Thomson, Bernard, Woldingham, England, assignor to General Motors Corporation, Detroit, Mich. Frictional gearing. 1,903,228; Mar. 28.
- Thomson, Charles R. (See Burdick, E. S., and Thomson.)
- Thomson, Edward W. M., Toronto, Ontario, Canada. Typewriter carbon sheet and attachment. 1,934,954; Nov. 14.
- Thomson, Charles R. (See Burdick, E. S., and Thomson.)
- Thomson, Hugh A., Kensington, London, England. Facilitating reference to and reading of books and the like. 1,936,489; Nov. 21.
- Thomson, Elihu, Swampscott, assignor of one-third to J. A. McManus, Lynn, and one-third to J. E. Graham, Newtonville, Mass. Refrigerating apparatus. Re18,826; May 9.
- Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Electromagnetic clutch. 1,902,471; Mar. 21.
- Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Composite silica article and fabricating same. 1,930,327; Oct. 10.
- Thomson, Florence A., Philadelphia, Pa. Confection. 1,915,392; June 27.
- Thomson, Frederick B., Teaneck, N. J., and S. D. Sprong, Brooklyn, assignors to Engineering Products Corporation, Inc., New York, N. Y. Meter tag identification seal. 1,916,448; July 4.
- Thomson, George A. (See Austin, Harvey B., assignor.)
- Thomson, George M., Caledonia, Ontario, Canada. Manufacturing sound absorbing material. 1,924,472; Aug. 29.
- Thomson, George M., Caledonia, Ontario, assignor to Gypsum, Lime, and Alabastine, Canada, Limited, Paris, Ontario, Canada. Wall construction and securing means therefor. 1,932,358; Oct. 24.
- Thomson, George M., Caledonia, Ontario, assignor to Gypsum Lime and Alabastine, Canada, Limited, Paris, Ontario, Canada. Sound absorbing material. 1,932,359; Oct. 24.
- Thomson, George R., assignor of sixteen and two-thirds per cent to M. H. Merson, Marion, sixteen and two-thirds per cent to I. H. Cohen, New York, and sixteen and two-thirds per cent to W. Parkhill, Yonkers, N. Y. Container. 1,896,115; Feb. 7.
- Thomson-Gibb Electric Welding Company. (See Cutter, George A., assignor.)
- Thomson-Gibb Electric Welding Company. (See Southwick, William S., assignor.)
- Thomson, Henry A., Lansdowne, assignor to Globe Ticket Company, Philadelphia, Pa. Ticket printing and issuing machine. 1,905,659; Apr. 25.
- Thomson, Hugh E., Schenectady, N. Y., assignor to General Electric Company. Photo-electric tube. 1,927,812; Sept. 19.
- Thomson, James, Mile End, Glasgow, assignor to Mavor & Coulson Limited, Glasgow, Scotland. Conveyor of the belt type. 1,925,014; Aug. 29.
- Thomson, James, Mile End, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Conveyor of the belt type. 1,928,190; Sept. 26.
- Thomson, James D. (See Campbell, J. F., and Thomson.)
- Thomson, John, and J. Langfelder, Buffalo, N. Y. Beverage dispensing device. 1,915,559; June 27.
- Thomson, John M., New York, N. Y. Racket press. Des. 90,129; June 13.
- Thomson, Norman W. (See Given, G. C., Letts and Thomson.)
- Thomson, Robert, Arlington, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Combined grinder and comparator. 1,907,469; May 9.
- Thomson, Robert, Arlington, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Thread rolling die. 1,907,684; May 9.
- Thomson, Robert, Arlington, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Cutting external screw threads. 1,936,696; Nov. 28.
- Thomson, Robert, Arlington, N. J., assignor to Dardelet Threadlock Corporation, New York, N. Y. Latch pivot for pneumatic hammer devices. 1,939,737; Dec. 19.
- Thomson, Robert F. (See Anderson, I. B., Thomson, and Thomas.)
- Thomson, Robert F. (See Bangham, P. F., and Thomson.)
- Thomson, Robert F. (See Smith, W., Thornley, and Thomson.)
- Thomson, Robert F., and W. W. Tatum, Grangemouth, Scotland, assignors to Imperial Chemical Industries, Limited. Manufacture of anthraquinone derivatives. 1,898,750; Feb. 21.
- Thomson, Robert F., and R. J. Loveluck, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Production of anthraquinone derivatives. 1,924,664; Aug. 29.
- Thomson, S. H., Manufacturing Company. (See Hummert, Robert H., assignor.)
- Thomson, S. H., Manufacturing Company, The. (See Hummert, R. H., and Gravenstine, assignors.)
- Thonet-Drechsel, Hugo, Vsetin, Czechoslovakia. Portable tent. 1,913,572; June 13.
- Thor, Waino A., Berkeley, Calif. Door fitting. 1,896,333; Feb. 7.
- Thordarson, Chester H. (See Pearson, O. A., and Thordarson.)
- Thordarson, Chester H., Chicago, Ill. Machine for continuous process of impregnating, compressing, and cooling coil windings. 1,914,182; June 13.
- Thordarson, Chester H., Chicago, Ill. Chimney structure. 1,923,176; Aug. 22.
- Thordarson, Chester H., Chicago, Ill. Method of and machine for making tubes. 1,932,942; Oct. 31.
- Thordarson, Chester H., assignor to Thordarson Electric Manufacturing Company, Chicago, Ill. Coil forming device. 1,904,890; Apr. 18.
- Thordarson Electric Manufacturing Company. (See Pearson, O. A., and Thordarson, assignors.)
- Thordarson Electric Manufacturing Company. (See Thordarson, Chester H., assignor.)
- Thordarson, William. (See Curtin, L. P., and Thordarson, assignors.)
- Thordsen, Jacob, Konern, Germany. Tippable and portable mixing apparatus. 1,920,025; July 25.
- Thorens, Hermann, S. A., Firm. (See Weissenburger, Adolf, assignor.)
- Thorens, Hermann, Societe Anonyme. (See Py, Henri, assignor.)
- Thoresen, Carl B., Richmond Hill, and F. B. Eliassen, Brooklyn, N. Y. Automatic hood lock for vehicles. 1,900,777; Mar. 7.
- Thoresen, John C., Providence, R. I. Signaling apparatus. 1,937,394; Nov. 28.
- Thoreson, Reider. (See Ernst, W., MacMillin, and Thoreson.)
- Thorington, Fletcher, Birmingham, Ala. Push-pull amplifier circuit. 1,904,103; Apr. 18.
- Thorn, J. S., Company. (See Doering, Albert L., assignor.)
- Thorn, John C. (See Sayre, Kenneth H., assignor.)
- Thorn, William A. J. (See Agate, C. S., and Thorn.)
- Thornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Multiple hose reel. 1,914,654; June 20.
- Thornburgh, Bert C., Yakima, Wash. Brake lining anchorage and article. 1,892,816; Jan. 3.
- Thorne, Carl B., Hawkesbury, Ontario, Canada. Storing, measuring and proportioning semifluid materials. 1,906,664; May 2.
- Thorne, Carl Busch, Hawkesbury, Ontario, Canada. Separating apparatus. 1,918,621; July 18.
- Thorne, Charles B., Shaker Heights, Ohio. Recirculating furnace. 1,937,395; Nov. 28.
- Thorne, Herbert, assignor to Modern Curtain Co., Inc., Boston, Mass. Curtain. 1,916,898; July 4.
- Thorner, Walther, Berlin, Germany. Method of and apparatus for taking and projecting multiple images such as are used in color photography. 1,909,731; May 16.
- Thorner, Walther, Berlin, Germany. System for projecting motion pictures. 1,918,788; July 18.
- Thorngate, Frederick A. (See Thomas, Henry, Thayer, and Thorngate.)
- Thornley, Joseph H., Evanston, Ill. Pile driver. 1,905,528; Apr. 25.
- Thornton, John, Youngstown, Ohio. Furnace construction. 1,896,116; Feb. 7.

- Thornton, John E. (See Spencer, D. A., Murray, and Oliver, assignors.)
- Thornton, John E., Jersey, Channel Islands. Machine for the production of cinematograph and other films. 1,915,560; June 27.
- Thornton, John E., Jersey, British Isles. Dye printing plate and sensitized material therefor. 1,921,050; Aug. 8.
- Thornton, John E., Jersey, British Isles. Production of cinematograph film. 1,930,291; Oct. 10.
- Thornton, Leslie M., Kansas City, Mo. Mop swab and head. 1,929,222; Oct. 3.
- Thornton, Ray, Detroit, Mich., assignor to Patent Developers, Inc. Tandem drive for motor vehicles. 1,897,153; Feb. 14.
- Thornton, Robert P. (See Singleton, G., and Thornton.)
- Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Frost shield. 1,914,183; June 13.
- Thorp, Joel R., assignor, by mesne assignments, to The Fulton Company, West Allis, Wis. Deflector shield. 1,917,076; July 4.
- Thorp, Vaughn P., River Edge, N. J., assignor to American Telephone and Telegraph Company. Reduction of interference in carrier systems. 1,893,569; Jan. 10.
- Thorp, William T., Hillsboro, Ill. Ventilating system for inclosed cars. 1,898,859; Feb. 21.
- Thorpe, Richard, Mays Landing, N. J. Landing gear for dirigibles. 1,897,539; Feb. 14.
- Thorpe, Samuel T., assignor to The Horton Manufacturing Company, Bristol, Conn. Fishing rod. 1,927,724; Sept. 19.
- Thorsen, Karl K. A., San Francisco, Calif. Tire vulcanizing machine. 1,903,538; Apr. 11.
- Thorsen, Peter, North Bergen, N. J., and G. W. von Hofe, Forest Hills, N. Y., said von Hofe assignor to said Thorsen. Automatic grinding machine. 1,898,648; Feb. 21.
- Thorsen, Thor. (See Storm, A., and Thorsen.)
- Thorsen, Thor, Plymouth Township, Hennepin County, assignor to Storm Manufacturing Company, Minneapolis, Minn. Rabbitting device. 1,900,746; Mar. 7.
- Thorsen, Thor, assignor to Storm Manufacturing Co., Inc., Minneapolis, Minn. Cutter head for boring machines. 1,928,514; Sept. 26.
- Thorsell, Carl T., Kassel, Germany. Production of soda and potassium hydroxide. 1,903,073; Mar. 28.
- Thrall, Walter L., assignor, by mesne assignments, to Reliance Regulator Corporation, Los Angeles, Calif. Gas-pressure regulator. 1,931,777; Oct. 24.
- Thrasher, John M., Montebello, Calif. Oscillating valve. 1,911,044; May 23.
- Threefoot, Sam A., Meridian, Miss. Card table. 1,899,366; Feb. 28.
- Threlkeld, Howard M. (See Osborne, F. H., and Threlkeld.)
- Threlkeld, Howard M., Hollywood, Calif., assignor to Grigsby-Grunow Company, Chicago, Ill. Radio apparatus. 1,913,461; June 13.
- Thresher, Charles A., Schofield, Wis. Flue coupling. 1,895,179; Jan. 24.
- Thronsdon, Otto A., Groton, Conn. Cooking utensil. 1,923,341; Aug. 22.
- Thronley, Sidney. (See Smith, W., Thorney, and Thomson.)
- Thronsen, Sigurd. (See Bradley W. R., and Thronsen.)
- Thrupp, Edgar C., Vancouver, British Columbia, Canada. Natural gas well heater. 1,934,955; Nov. 14.
- Thrush, Homer A., Peru, Ind. Hot water heating system. 1,931,419; Oct. 17.
- Thuermann, Irma C., et al. (See Drews, Otto J., assignor.)
- Thuermann, Wilfred J. (See Drews, Otto J., assignor.)
- Thulin, Bjarne, Detroit, Mich. Internal combustion engine. 1,319,488; July 25.
- Thullen, Louis H., Brooklyn, N. Y. Drilling apparatus. 1,937,300; Nov. 28.
- Thum, Martin, Rochester, N. Y. Pedestal table. 1,899,835; Feb. 28.
- Thum, Martin, Rochester, N. Y. Spring bed bottom. 1,899,836; Feb. 28.
- Thum, Walter A. (See Chapin, Fenton G., assignor.)
- Thumm, Carl, Philadelphia, Pa., assignor to General Electric Company. Switch operating mechanism. 1,938,408; Dec. 5.
- Thun, Rudolph, Schoneiche, Germany. Optical film-copying machine. 1,934,514; Nov. 7.
- Thunder, Harold G., assignor to Motor Products Corporation, Detroit, Mich. Windshield operating mechanism. 1,899,367; Feb. 28.
- Thunder, Harold G., assignor to Motor Products Corporation, Detroit, Mich. Header and windshield mounting. 1,915,109; June 20.
- Thunert, Felix, Leipzig, Germany. Cellulose wool and paper product. 1,906,671; May 2.
- Thurlings, Hermann, Viessen, Germany. Machine for stamping soft kneadable masses into bon-bons and the like. 1,920,445; Aug. 1.
- Thurlow, Rolton F. (See Hopkins, J. G., Thurlow, and Feeley.)
- Thurm, Richard, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Heating by circulating heat-transferring liquids. 1,922,509; Aug. 15.
- Thurman, William B., and H. J. Woock, Lodi, Calif., assignor to Super Mold Corporation. Applying retread rubber to tires. 1,920,720; Aug. 1.
- Thurmond, James E., Attascadero, Calif. Watchcase. 1,940,568; Dec. 19.
- Thurn, Walter N., Chicago, Ill., assignor to The Vitrolite Company. Reinforced vitreous panel and making the same. 1,935,583; Nov. 14.
- Thurn, Walter N., Chicago, Ill., assignor to The Vitrolite Company. Vitreous panel having anchoring means and making the same. 1,935,584; Nov. 14.
- Thurston, Albert P., London, England. Aircraft. 1,936,179; Nov. 21.
- Thurston, Ernest B., assignor to The Houghton Elevator & Machine Company, Toledo, Ohio. Movement governor for generator voltage control. 1,937,102; Nov. 28.
- Thurston, Frank S., Miami, Fla. Folding basket. 1,931,970; Oct. 24.
- Thurston, Fredus A., Chicago, Ill. Recovering metals. 1,933,193; Oct. 31.
- Thurston, George M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constant frequency system. 1,907,132; May 2.
- Thurston, Walter R., Los Angeles, Calif. Compound. 1,916,289; July 4.
- Thwaite, Robert S., New York, N. Y. Internal-combustion engine. 1,934,284; Nov. 7.
- Thwaites, Gordon C. (See Denne, M. T., Thwaites, and Chambers.)
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Hose reel and tank truck. 1,909,733; May 16.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Tank splash plate. 1,909,734; May 16.
- Thwaites, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Manhole closure. 1,929,761; Oct. 10.
- Thwing, Charles B., assignor to Thwing Instrument Company, Philadelphia, Pa. Pyrometer. 1,900,779; Mar. 7.
- Thwing, Charles B., assignor to Thwing Instrument Company, Philadelphia, Pa. Testing machine. 1,920,039; July 25.
- Thwing Instrument Company. (See Albert, Edward J., assignor.)
- Thwing Instrument Company. (See Thwing, Charles B., assignor.)
- Tibbals, Clarence L. (See Momsen, C. B., Tibbals, and Hobson.)
- Tibbals, Clarence L., and F. M. Hobson, Washington, D. C. Life saving apparatus for aviators. 1,916,345; July 4.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,899,447; Feb. 28.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,916,086; June 27.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Damping device for motor vehicles. 1,918,573; July 18.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber. 1,918,574; July 18.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,919,348; July 25.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,921,552; Aug. 8.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,930,067; Oct. 10.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 1,931,241; Oct. 17.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,286; Oct. 31.
- Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,937,801; Dec. 5.
- Tibbetts, Milton, trustee. (See Moorhouse, Alfred, assignor.)
- Tibbetts, Raymond E. (See Peterson, C. H., Sundt, and Tibbetts.)
- Tibbot, Guy B., Santa Cruz, Calif. Burner. 1,903,317; Apr. 4.
- Tibbs, Dick D., Fort Worth, Tex. Choker. 1,926,413; Sept. 12.
- Tibbutt, John P., Blackwell, Okla. Rug hook. 1,919,813; July 25.
- Tiberio, Giuseppe, New York, N. Y. Automatic progressive transmission. 1,908,378; May 9.
- Tiburcius, Carl, Kiel, Germany. Storage tank with heater. 1,908,932; May 16.
- Tice Lock-Washer Manufacturing Co. (See Lillig, Nicholas R., assignor.)
- Tice Lock Washer Manufacturing Company. (See Tice, William H., assignor.)
- Tice, Percival S., assignor to Stewart-Warner Corporation, Chicago, Ill. Carburetor. 1,896,499; Feb. 7.
- Tice, Percival S., assignor to Stewart-Warner Corporation, Chicago, Ill. Electric fuel feed system. 1,935,924; Nov. 21.
- Tice, William H., assignor to Tice Lock Washer Manufacturing Company, Portland, Ore. Lock washer. 1,893,114; Jan. 3.
- Tichenor, Carl M., North Muskegon, Mich., assignor to United Research Corporation. Securing device. 1,915,630; June 27.

- Tichenor, Carl M., Muskegon, Mich., assignor to United Research Corporation, Long Island City, N. Y. Radio tuning control. 1,937,996; Dec. 5.
- Tichenor, Carl M., Muskegon, and B. C. Booth, Muskegon Heights, Mich.; said Booth assignor to said Tichenor. Sound-reproducing diaphragm. 1,930,328; Oct. 10.
- Tichenor, Elmore D., Detroit, Mich. Clinical thermometer case. 1,929,338; Oct. 3.
- Tichy, Frederick. (See Szeglia, Anton, assignor.)
- Ticknor, Lewis O., Lacona, N. Y. Shock absorbing sheave. 1,906,665; May 2.
- Tiddy, William, Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Procedure of coking pitch and coal in a by-product coke oven battery. 1,940,893; Dec. 26.
- Tidemann, Herman A., Toronto, Ontario, Canada. Bent window glass. Des. 90,429; Aug. 1.
- Tidland, Hazel B. (See Ahola, Harold, assignor.)
- Tidmus, Allan H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Winding of yarn or thread packages. 1,928,708; Oct. 3.
- Tidmus, Allan H., and F. A. Reeson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial filaments, threads, and the like. 1,922,718; Aug. 15.
- Tidwell, Josephine, Anson, Tex.. Lavatory. Des. 89,931; May 16.
- Tidy Products Corporation. (See Astrove, Joseph, assignor.)
- Tiedemann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Weldrod holder. 1,933,942; Nov. 7.
- Tiegel, Max, Trier, Germany. Apparatus for preventing joint stiffness and atrophy of the muscles when treating bone fractures. 1,928,515; Sept. 26.
- Tierney, Alice J. (See Kennedy, William J., assignor.)
- Tiers, Charles S., and H. F. Wanamaker, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Adjusting means for hosiery strippers. 1,914,310; June 13.
- Ties, Fred M., Brodhead, Wis. Rod and pipe grapple. 1,900,471; Mar. 7.
- Tietz, Paul C., Melrose Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Cream pitcher or similar article. Des. 91,091; Nov. 21.
- Tietz, William J., Chicago, Ill., assignor to Western Electric Company, Inc., New York, N. Y. Instruments for varying electrical potential. 1,897,596; Feb. 14.
- Tietze, Ernst. (See Dressel, O., and Tietze.)
- Tietze, Ernst. (See Hardtmann, M., Schepes, and Tietze.)
- Tietze, Ernst. (See Henrich, W., Ossenbeck, and Tietze.)
- Tietze, Ernest. (See Henrich, W., Strobel, and Tietze.)
- Tigges, Alexander J. (See Coffin, J. R., and Tigges.)
- Tigges, Herbert B., assignor to Baker Brothers, Inc., Toledo, Ohio. Machine tool. 1,917,616; July 11.
- Tighe, Thomas, Jr., Chicago, Ill. Protector for foods. 1,922,992; Aug. 15.
- Tihenko, Vladimir J., Berkeley, Calif. Tangentmeter. 1,933,880; Nov. 7.
- Tijmstra, Sijbren, Clayton, Mo., assignor to Shell Petroleum Corporation. Revivification and preservation of chemical solutions. 1,922,224; Aug. 15.
- Tilbury, Lyle C., Houston, Tex. Well screen. 1,892,912; Jan. 3.
- Tilbury, Lyle C., Houston, Tex. Well screen. 1,899,065; Feb. 28.
- Tilbury, Lyle C., Houston, Tex. Back pressure valve mechanism for well pipe. 1,899,121; Feb. 28.
- Tilbury, Lyle C., Houston, Tex. Pipe holding slip. 1,907,685; May 9.
- Tilbury, Lyle C., Houston, Tex. Liner packer. 1,912,804; June 6.
- Tilbury, Lyle C., Houston, Tex. Wall packer. 1,912,805; June 6.
- Tiling, Reinhold, Osnabruck, Germany. Flying rocket. 1,903,303; Apr. 4.
- Tilley, Edwin F., Dunellen, N. J. Radiation device. 1,932,610; Oct. 31.
- Tilley, Edwin F., Dunellen, N. J., assignor to Titedex Metal Hose Co. Joint. 1,939,375; Dec. 12.
- Tilliard, Gilbert V., Jackson Heights, N. Y. Textile fabric or the like. Des. 89,456; Mar. 14.
- Tillman, Ross E., Kansas City, Mo. Crank case washer. 1,936,315; Nov. 21.
- Tillmann, Richard, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Process and apparatus for cracking hydrocarbons. 1,896,986; Feb. 7.
- Tillotson, Edwin W., Jr., Pittsburgh, assignor to National Radiator Corporation, Johnstown, Pa. Wooden casting pattern. 1,927,076; Sept. 19.
- Tillotson, George L., assignor of one-half to Clifford L. May, Portland, Ore. Cracker bowl. 1,931,908; Oct. 24.
- Tillotson Manufacturing Company, The. (See Davies, Henry R., assignor.)
- Tillotson Manufacturing Company. (See Kegerreis, C. S., and Lindecker, assignors.)
- Tillson, Edwin D. (See Schuchardt, R. F., and Tillson.)
- Till, Ernest C., Ilford, England. Vehicle windshield wiper, the like normally used on motor cars and other propelled carriages. 1,920,447; Aug. 1.
- Tillyer, Edgar D. (See Hill, H. W., and Tillyer.)
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Oscillating crystal. 1,907,613; May 9.
- Tillyer, Edgar D., assignor to American Optical Corporation, Southbridge, Mass. Lens. 1,910,483; May 23.
- Tillyer, Edgar D., Southbridge, Mass., assignor to Radio Corporation of America. Sound reproduction. 1,910,576; May 23.
- Tillyer, Edgar D., Southbridge, Mass., assignor to Radio Corporation of America. Sound reproduction. 1,910,577; May 23.
- Tillyer, Edgar D., Southbridge, Mass., assignor to Radio Corporation of America. Sound reproduction. 1,910,578; May 23.
- Tillyer, Edgar D., Southbridge, Mass., assignor to Radio Corporation of America, New York, N. Y. Crystal oscillator and resonator. 1,924,297; Aug. 29.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Eye-testing instrument and method. 1,925,576; Sept. 5.
- Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Oscillating crystal. 1,925,577; Sept. 5.
- Tillyer, Edgar D., and E. A. Teeson, assignors to American Optical Company, Southbridge, Mass. Eye protector. 1,936,736; Nov. 28.
- Tilney, Farrar, Leonia, N. J., assignor to General Baking Company, New York, N. Y. Holder for sliced articles. 1,913,134; June 6.
- Tilo Roofing Company. (See Forbes, Harry, assignor.)
- Tilo Roofing Company. (See Tobin, Robert J., and G. A., assignors.)
- Tilton, Edwin W., Haverhill, Mass., assignor to Lewis L. Cowan, Cincinnati, Ohio. Cutting, sorting, and conveying device. 1,893,460; Jan. 3.
- Tilton, Ellen C. (See Kern, F. E., and Tilton.)
- Timar, Edward, Far Rockaway, N. Y. Massage device. 1,913,462; June 13.
- Timbs, Edward. (See Faulkner, D. S., and Timbs.)
- Timbs, Edward, Los Angeles, Calif., assignor to The National Supply Company, Toledo, Ohio. Steel hose joint. 1,920,610; Aug. 1.
- Timbs, Edward, Los Angeles, Calif., assignor to The National Supply Company of Delaware, New York, N. Y. Pumper. 1,925,348; Sept. 5.
- Timbs, Edward, Los Angeles, Calif., assignor to The National Supply Company of Delaware, New York, N. Y. Rotary draw works. 1,925,349; Sept. 5.
- Timbs, Edward, and D. W. Walters, Los Angeles, Calif., assignors to The National Supply Company of Delaware, New York, N. Y. Bearing structure. 1,920,609; Aug. 1.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,897,512; Feb. 14.
- Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 1,897,540; Feb. 14.
- Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
- Timken-Detroit Axle Company, The. (See Brackett, Tracy F., assignor.)
- Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)
- Timken-Detroit Axle Company, The. (See Morgan, Mathew B., assignor.)
- Timken-Detroit Axle Company, The. (See Porter, Gilbert E., assignor.)
- Timken-Detroit Axle Company, The. (See Rockwell, Willard F., assignor.)
- Timken Roller Bearing Company, The. (See Ackerman, Paul C., assignor.)
- Timken Roller Bearing Company, The. (See Bergert, Henry A., assignor.)
- Timken Roller Bearing Company. (See Boden, Ernest G., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
- Timken Roller Bearing Company, The. (See Chievitz, William J., assignor.)
- Timken Roller Bearing Company, The. (See Curtis, George W., assignor.)
- Timken Roller Bearing Company, The. (See Eastburg, Clifford L., assignor.)
- Timken Roller Bearing Company. (See Frank, Pardee H., assignor.)
- Timken Roller Bearing Company, The. (See Hektner, Joel, assignor.)
- Timken Roller Bearing Company, The. (See Horger, Oscar J., assignor.)
- Timken Roller Bearing Company, The. (See Lothrop, Marcus T., assignor.)
- Timken Roller Bearing Company, The. (See Moreland, Stephen T., assignor.)
- Timken Roller Bearing Company, The. (See Riblet, Robert M., assignor.)
- Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
- Timken Roller Bearing Company, The. (See Unstadd, William E., assignor.)
- Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
- Timken Roller Bearing Company, The. (See Wood, Frederick, assignor.)
- Timken Roller Bearing Company, The. (See Wooler, Ernest, assignor.)
- Timken Silent Automatic Company. (See Beckett, Reginald W., assignor.)
- Timken Silent Automatic Company. (See Beckett, R. W., and Thiel, assignors.)

- Timken Silent Automatic Company, The. (See Powers, Milton A., assignor.)
- Timken-Silent Automatic Company. (See Thiel, Otto, assignor.)
- Timm, Paul C., Lincoln, Nebr. Projecting scribe. 1,897,407; Feb. 14.
- Timm, Paul C. and W. P., Lincoln, Nebr. Furnace heat regulator. 1,897,406; Feb. 14.
- Timm, Paul C. and W. P., Lincoln, Nebr. Furnace heat regulator. 1,897,408; Feb. 14.
- Timm, Sumner C., Eau Claire, Wis. Mattress. 1,892,913; Jan. 3.
- Timm, William P. (See Timm, Paul C. and W. P.)
- Timmer, Anton L. (See Six, W., and Timmer, assignors.)
- Timmer, Anton L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifying system. 1,920,611; Aug. 1.
- Timmerman, Frank J., Green Bay, Wis. Paper-making machine. 1,926,319; Sept. 12.
- Timmis, Robert W., and F. F. Williams, Oakland, Calif.; said Williams assignor to said Timmis. Sterilizer. 1,910,722; May 23.
- Timmons, Charles E., Kernville, Calif. Price tag holding means. 1,932,295; Oct. 24.
- Timmons, Edwin S., Chicago, Ill. Vehicle light director. 1,917,560; July 11.
- Timoney, Bernard W., deceased, Jackson Heights, N. Y.; J. Timoney, administratrix. Surface treating apparatus. 1,907,411; May 2.
- Timoney, Jane, administratrix. (See Timoney, Bernard W.)
- Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene-Minimax Corporation. Foam forming apparatus. 1,907,901; May 9.
- Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene-Minimax Corporation. Foam generating apparatus. 1,907,942; May 9.
- Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene-Minimax Corporation. Time controlled mechanism. 1,924,889; Aug. 29.
- Timson, Charles E., Deerfield, assignor to William Cooper & Nephews, Incorporated, Chicago, Ill. Marker or tag. 1,898,274; Feb. 21.
- Timson, Charles E., assignor to William Cooper & Nephews Incorporated, Chicago, Ill. Marker or tag. 1,902,531; Mar. 21.
- Timson, William, Soho Foundry, Birmingham, assignor to W. & T. Avery Limited, Birmingham, England. Dashpot. 1,897,873; Feb. 14.
- Tin Decorating Company of Baltimore, The. (See Hermant, Henry, assignor.)
- Tinel, Georges. (See Dupuis, L. G., and Tinel.)
- Tinello, Vito A., Utica, N. Y. Filter. 1,908,933; May 16.
- Tingle, John K., Connorsville, Ind. Carpet machine. 1,934,749; Nov. 14.
- Tingley, Bessie E. (See Murdock, G. R., Johnson, and Wagner assignors.)
- Tingley, Bruce H. (See Ohmer, F. L., and Tingley.)
- Tingley, Bruce H., assignor to Ohmer Fare Register Company, Dayton, Ohio. Capacity increasing means for counting wheels. 1,924,526; Aug. 29.
- Tingley, Everett K., assignor to Ideal Electric & Manufacturing Co., Mansfield, Ohio. Adjustable air gap fly-wheel type motor. 1,936,737; Nov. 28.
- Tingley Reliance Rubber Corporation. (See Jackson, Walter C., assignor.)
- Tingley-Reliance Rubber Corporation. (See McCollum, William, assignor.)
- Tinius Olsen Testing Machine Company. (See Lewis, Robert B., assignor.)
- Tinker, Frank, Streely, England, assignor to Sinclair Refining Company, New York, N. Y. Distillation of crude oil. 1,920,815; Aug. 1.
- Tinker, Herbert W. (See Hansen, F. D., and Tinker.)
- Tinker, John M. (See Gubelmann, I., and Tinker.)
- Tinker, John M., South Milwaukee, and V. A. Hansen, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonation of betanaphthol. 1,934,216; Nov. 7.
- Tinker, Townsend, and H. M. Graham, assignors, by mesne assignments, to Ross Heater & Manufacturing Company, Inc., Buffalo, N. Y. Surface condenser. 1,935,864; Nov. 21.
- Tinkham, Guy L., assignor to General Utilities Mfg. Co., Detroit, Mich. Ice tray. 1,894,897; Jan. 17.
- Tinkham, Guy L., assignor to General Utilities Mfg. Co., Detroit, Mich. Protective device for wringer rolls. 1,915,702; June 27.
- Tinnen, Clyde B., Los Angeles, Calif. Portable guide for electric saws. 1,911,045; May 23.
- Tinnerman, Albert H., Cleveland, Ohio. Stove panel assembly. Des. 89,457; Mar. 14.
- Tinnerman, Albert H., Cleveland, Ohio. Casing for a ventilating unit. Des. 89,932; May 16.
- Tinnerman, Albert H., Cleveland, Ohio. Fastening device. 1,928,468; Sept. 26.
- Tinnerman, Albert H., Cleveland, Ohio. Fastening strip. 1,928,469; Sept. 26.
- Tinnerman, Albert H., Cleveland, Ohio. Stove construction. 1,933,398; Oct. 31.
- Tinnerman, Albert H., Cleveland, Ohio. Stove construction. 1,935,895; Nov. 21.
- Tinsley, Harlan E., Chicago, Ill. Revolving rake and pick-up machine. 1,908,082; May 9.
- Tinsley, Milton L., Grantwood, assignor to Ferguson Brothers Manufacturing Company, Hoboken, N. J. Folding chair. 1,904,891; Apr. 18.
- Tinsley, William B., Pampa, Tex. Flexible joint packing box. 1,917,742; July 11.
- Tinus, William C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tapping a conductor. 1,901,938; Mar. 21.
- Tipp Fireworks Company, The. (See Driggs, Louis L., jr., assignor.)
- Tippett, Leonard S. C., Sydney, Australia, assignor to Westinghouse Electric & Manufacturing Company. High-speed relaying equipment. 1,920,329; Aug. 1.
- Tippins, Robert E. (See Irwin, D. L., and Tippins.)
- Tip's Tool Company. (See Bodendieck, Henry W., assignor.)
- Tipton, Edna S., New York, N. Y. Vanity case. 1,896,117; Feb. 7.
- Tiralla, H. Merryman. (See Scherr, Samuel, assignor.)
- Tirard, Auguste, assignor to Societe Anonyme Etablissements Roques, St-Ouen, France. Converting coca alkaloids into alkylated derivatives of ecgonine and pseudoecgonine. 1,925,472; Sept. 5.
- Tire Pop-Valve Company. (See Sutton, George A., assignor.)
- Tirrell, Leslie L., Washington, D. C. Spraying device. 1,920,721; Aug. 1.
- Tischler, Nathaniel, Bristol, Pa., assignor to Rohm & Haas Company. Elimination of insect infestation. 1,920,026; July 25.
- Tisdale, Charles E., West Palm Beach, Fla. Shell bracket. 1,911,727; May 30.
- Tisdale, James R. M., Toronto, Ontario, Canada. Recording device. 1,910,191; May 23.
- Tishauser, Walter, St. Helena, Calif. Material stacking and ventilating device. 1,915,875; June 27.
- Tisserant, Auguste A. H., St. Cloud, France. Compressor. 1,923,519; Aug. 22.
- Tissue Company, The. (See Cantine, Holley R., assignor.)
- Tisza, Ernest E., Englewood, and L. Schmidt, Union City, assignors to Wilson Welder & Metals Company, Inc., North Bergen, N. J. Electrode holder. 1,910,973; May 23.
- Titan Abrasives Co. (See Doermann, Albert J., assignor.)
- Titan Co. A/S. (See Farup, Peder, assignor.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
- Titanium Alloy Manufacturing Company. (See Kinzie, C. J., and Plunkett, assignors.)
- Titanium Pigment Company. (See Ryan, Lonnie W., assignor.)
- Titanium Pigment Company. (See Ryan, Lonnie W., and Knoff, assignors.)
- Titanium Pigment Company. (See Washburn, W. F., and Aagaard, L., assignors.)
- Titcomb, Albert C., Newton, Mass. Apparatus for forming concrete piles in the ground. 1,910,939; May 23.
- Titcomb, James M., Washington, D. C. Batch dividing and covering means. 1,904,905; Apr. 18.
- Titcomb, James M., Washington, D. C. Batch dividing and covering means. 1,904,906; Apr. 18.
- Titflex Metal Hose Co. (See Stone, R. Harry, assignor.)
- Titflex Metal Hose Co. (See Tilley, Edwin F., assignor.)
- Titelstad, Nicolay. (See Hechenbleikner, I., and Titelstad.)
- Titelstad, Nicolay, Charlotte, N. C., and S. F. Spangler, Philadelphia, Pa., assignors, by mesne assignments, to Chemical Construction Corporation, Charlotte, N. C. Catalyst. 1,927,508; Sept. 19.
- Titmas Company. (See Titmas, R. W., and Hickish, assignors.)
- Titmas, Reginald W., London, England, and R. S. Hickish, La Ceiba, Spanish Honduras, assignors to Titmas Company Inc., New Orleans, La. Burner for liquid or semi-liquid fuel. 1,902,920; Mar. 28.
- Titworth, Fred L., assignor to A. J. Kirstin, Auburn, Ind. Air pump. 1,918,789; July 18.
- Titum, Court C., New York, N. Y. Aluminum alloy. 1,903,842; Apr. 18.
- Titus, Court C., New York, N. Y. Aluminum alloy. 1,903,843; Apr. 18.
- Titus, Court C., New York, N. Y. Aluminum alloy. 1,916,087; June 27.
- Titus, Harold R. (See Chase, H. A., and Titus.)
- Titus, Hubert J., Paterson, N. J., and J. S. Wallis, assignors to Franklin Railway Supply Company, New York, N. Y. Steam engine. 1,907,902; May 9.
- Titus, John E. (See Thompson, E. W., Wollesen, and Titus.)
- Titus, Robert N., assignor to Eastman Kodak Company, Rochester, N. Y. Visibly marked photographic film. 1,917,406; July 11.
- Tivendale, William. (See Rickey, W. J., and Tivendale.)
- Tivendale, William, Clydebank, and J. Baxter, Glasgow, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Device for storing needles and the like. 1,908,197; May 9.
- Tobacco By-Products and Chemical Corporation. (See Arnold, Robert B., assignor.)
- Tobacco By-Products and Chemical Corporation. (See McConnell, Henry K., assignor.)
- Tobacco Stemming Corporation. (See Morris, John O., assignor.)

- Tober, Carl, Berlin-Karlshorst, Germany. Braiding machine. 1,921,174; Aug. 8.
- Tober, Carl, Berlin-Karlshorst, Germany. Comb making device. 1,941,062; Dec. 26.
- Tobey, Harry W., and H. V. May, Pittsfield, Mass., assignors to General Electric Company. Welding torch. 1,904,104; Apr. 18.
- Tobey, William J., Placentia, Calif. Drier and sorting table. 1,932,124; Oct. 24.
- Tobey, William J., assignor to Stebler Parker Co., Riverside, Calif. Fruit drier. 1,912,414; June 6.
- Tobias, Robin R. (See Ewing, J. L., and Tobias.)
- Tobin, George A. (See Tobin, Robert J., and G. A.)
- Tobin, James H., assignor to Tobin Tool & Die Company, Inc., Fond du Lac, Wis. Refrigerator trap. 1,917,344; July 11.
- Tobin, Kenneth J. (See Eklind, C. E., and Tobin.)
- Tobin, Kenneth J. (See Fehr, E. J., Lute, and Tobin.)
- Tobin, Kenneth J., Chicago, Ill. Incinerator appliance for heating units. 1,906,023; Apr. 25.
- Tobin, Kenneth J., assignor to Camel Company, Chicago, Ill. Pliable clock block. 1,906,022; Apr. 25.
- Tobin, Kenneth J., assignor to Camel Company, Chicago, Ill. Track and support therefor. 1,922,337; Aug. 15.
- Tobin, Kenneth J., assignor to Camel Company, Chicago, Ill. Car-door construction. 1,925,736; Sept. 5.
- Tobin, Kenneth J., assignor to Camel Company, Chicago, Ill. Supporting means for doors. 1,934,285; Nov. 7.
- Tobin, Kenneth J., and Y. W. Darrow, assignors to Camel Company, Chicago, Ill. Car door construction. Re18,858; June 6.
- Tobin, Kenneth J., and W. A. Beauchamp, assignors to Camel Company, Chicago, Ill. Car door construction. 1,911,977; May 30.
- Tobin, Kenneth J., and A. Wasberg, assignors to Camel Company, Chicago, Ill. Car door construction. 1,921,644; Aug. 8.
- Tobin, Kenneth J., Chicago, Ill., and J. P. McWilliams and C. H. Williamson, assignors, by mesne assignments, to Youngstown Steel Door Company, Cleveland, Ohio. Car door construction. 1,936,000; Nov. 21.
- Tobin, Robert J., Hollis, N. Y. Composition roofing or siding strip. Des. 88,995; Jan. 10.
- Tobin, Robert J., Hollis, and G. A. Tobin, Forest Hills, assignors to Tilo Roofing Company, Inc., New York, N. Y. Scaffolding. 1,937,608; Dec. 5.
- Tobin Tool & Die Company. (See Tobin, James H., assignor.)
- Tobler, Richard, Riehen, near Basel, and W. Kern, Sissach, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of 1-amino-2-alkoxy-naphthalenes. 1,894,330; Jan. 17.
- Tobler, Richard, Basel, and W. Kern, Sissach, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of dyestuffs of the polymethine series. 1,899,122; Feb. 28.
- Tocci, Gennaro, Boulder City, Nev. Ventilating and cooling system for concrete dams or other heavy concrete constructions. 1,922,561; Aug. 15.
- Toche, Alfred, Darmstadt, Germany. Device for adjusting, altering, and changing scales and graphic nets. 1,915,038; June 20.
- Todd, Augustine J., Washington. D. C. Spring clip. Des. 90,930; Oct. 24.
- Todd, Charles W., Schenectady, N. Y. Locomotive. 1,895,500; Jan. 31.
- Todd, Charles W., Schenectady, N. Y. Journal bearing for railroad vehicles. 1,908,379; May 9.
- Todd, Charles W., Schenectady, N. Y. Journal housing for axles of locomotives and railway cars. 1,910,723; May 23.
- Todd, Charles W., deceased; E. E. Todd, executrix. Schenectady, N. Y. Electric locomotives. 1,934,217; Nov. 7.
- Todd, Clarence L., Pittsburgh, Pa. Suspended arch for furnaces and tile therefor. 1,921,107; Aug. 8.
- Todd Company, Inc., The. (See Smith, Burgess W., assignor.)
- Todd Company, The. (See Payne, Walter B., assignor.)
- Todd Dry Dock Engineering & Repair Corporation. (See Meachem, Harry, assignor.)
- Todd, Edith E., executrix. (See Todd, Charles W.)
- Todd, Frederick C., assignor to The Stuebing Automatic Machine Co., Cincinnati, Ohio. Metal binding for calendars. 1,906,024; Apr. 25.
- Todd, John, and J. Craig, Glasgow, Scotland. Milk bottle holder. 1,932,387; Oct. 31.
- Todd, Juanita, Yonkers, assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Pile fabric rug. Des. 90,092; June 6.
- Todd, Juanita, Yonkers, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric. Des. 91,092; Nov. 21.
- Todd, Juanita, Yonkers, assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Pile fabric. Des. 91,093; Nov. 21.
- Todd, Malverin A. (See Hassell, M. E., and Todd.)
- Todd, Samuel J., West Grove, Pa. Razor blade clip. 1,894,072; Jan. 10.
- Todd, Warren H. (See Clark, A. J., and Todd.)
- Todd, William, Leominster, Mass. Ball and socket joint. 1,919,178; July 18.
- Todd, William, Leominster, Mass. Table construction. 1,923,241; Aug. 22.
- Todd, William E. A., and F. R. L. Stott, Hamilton, Ontario, Canada. Vehicle bumper. 1,897,345; Feb. 14.
- Todd, William N., assignor to The Portland Company, Portland, Me. Vehicle lift. 1,938,550; Dec. 5.
- Todoruk, William, and H. Chornoby, Calgary, Alberta, Canada. Revolving harrow and weeder. 1,922,873; Aug. 15.
- Todt, Edward G., Chicago, Ill. Welding clamp. 1,894,454; Jan. 17.
- Todt, Harold N., Detroit, Mich., assignor to Revere Copper and Brass Incorporated. Die holder. 1,931,095; Oct. 17.
- Toelcke, Karl L., Chicago, Ill. Finger ring. 1,913,463; June 13.
- Toelke, Roy F. (See Bascom, Henry, assignor.)
- Toelle, August, assignor to Ford Motor Company, Dearborn, Mich. Ignition coil. 1,903,798; May 16.
- Toelle, Herbert E., assignor to Milwaukee Gas Specialty Co., Milwaukee, Wis. Lighting device. 1,931,517; Oct. 24.
- Toews, Alwin L., Orange Cove, Calif. Pedestal lamp or similar article. Des. 90,143; June 13.
- Toggenburger, John, Bogota, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,936,738; Nov. 28.
- Tokheim, John J., Cedar Rapids, Iowa. Gauge construction for tanks. 1,937,447; Nov. 28.
- Tokheim Oil Tank and Pump Company, The. (See Bechtold, Reuben E., assignor.)
- Tokheim Oil Tank and Pump Company. (See Brake, George U., assignor.)
- Tokheim Oil Tank and Pump Company. (See Eilers, Frank B., assignor.)
- Tokheim Oil Tank and Pump Company. (See Pepper, Byron J., assignor.)
- Tol, Hermanus F., assignor to Naamlooze Vennootschap: Vennootschap tot Exploitatie van Strijk-en Persmachine Oetrooten (V. E. S. P. O.) The Hague, Netherlands. Ironing machine. 1,903,691; Apr. 11.
- Toland, Herbert A., and M. P. Julien, Ventura, Calif.; said Julien assignor to said Toland. Slicing machine for potatoes and the like. 1,937,049; Nov. 28.
- Tolchinsky, Hyman, Des Moines, Iowa. Bookbinding. 1,908,083; May 9.
- Told, Arnold H., Chicago, Ill. Wheel stop. 1,900,210; Mar. 7.
- Told, Arnold H., Chicago, Ill. Wheel stop. 1,901,204; Mar. 14.
- Toledo Automatic Brush Machine Company, The. (See Robst, Conrad, assignor.)
- Toledo Machine & Tool Company, The. (See Schloz, Arthur H., assignor.)
- Toledo Machine & Tool Company, The. (See Williamson, Larkin R., assignor.)
- Toledo Metal Furniture Company, The. (See Uhl, Clement R., assignor.)
- Toledo Pipe Threading Machine Company, The. (See Vosper, Waynard R., assignor.)
- Toledo Porcelain Enamel Products Company, The. (See Lind, Howard B., assignor.)
- Toledo Porcelain Enamel Products Company, The. (See Smith, Earle S., assignor.)
- Toledo Scale Manufacturing Company. (See Burr, William J., assignor.)
- Toledo Scale Manufacturing Company. (See Hem, Halvor O., assignor.)
- Toledo Scale Manufacturing Company. (See Mashbir, Sidney F., assignor.)
- Toledo Scale Manufacturing Company. (See Reeves, Orwell C., assignor.)
- Toledo Scale Manufacturing Company. (See Thomas, Edward G., assignor.)
- Toledo Scale Manufacturing Company. (See Weckerly, Mark A., assignor.)
- Toledo Steel Products Company, The. (See Hager, Harold H., assignor.)
- Toledo Synthetic Products, Inc. (See Howald, Arthur M., assignor.)
- Tolerton, Ray E., assignor to The Magnavox Company, Fort Wayne, Ind. Diaphragm coil and terminal support. 1,930,600; Oct. 17.
- Tolf, Victor L., New York, N. Y. Portable conveyor. 1,937,925; Dec. 5.
- Tolfree, Edward R., New York, N. Y. Apparatus for flushing water cooling systems. 1,939,836; Dec. 19.
- Tolhurst Machine Works, Inc. (See Bryson, Tandy A., assignor.)
- Toll, Carl J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Annealing apparatus. 1,933,461; Oct. 31.
- Tollemache, Humphrey D. (See Suffern, Ernest S., assignor.)
- Tolman, Charles P., Kew Gardens, assignor, by mesne assignments, to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Colloid mill. 1,927,620; Sept. 19.
- Tolman, Edgar B., Jr., Chicago, Ill. Soot valve and self-feeding intake. 1,940,894; Dec. 26.
- Tolman, John E., and F. A. Subject, Yuba City, Calif. Gaming device. Des. 90,462; Aug. 8.
- Tolpo, Carl A. E., Chicago, Ill. Pencil sharpener. Des. 90,557; Aug. 22.
- Tomaino, Julian F. (See Weber, J., and Tomaino.)
- Toman, E., and Company. (See Toman, Edward, assignor.)
- Toman, E., & Co. (See Toman, Michael E., assignor.)
- Toman, Edward, Chicago, assignor to E. Toman & Company, Chicago, Ill. Making molds. 1,893,309; Jan. 3.
- Toman, Michael E., assignor to E. Toman & Co., Chicago, Ill. Thermostatic air valve. 1,922,266; Aug. 15.

- Tomashek, William M., assignor to Winona Attrition Mill Company, Winona, Minn. Burr plate. Re18,935; Sept. 5.
- Tomkins, Harold A. (See Olson, Charles W., assignor.)
- Tomkins, Harold A., Jackson, Mich. Chuck. 1,938,409; Dec. 5.
- Tomkinson, Charles C., Plainfield, assignor to J. Edward Ogden Company, Inc., East Orange, N. J. Bolt anchor. 1,909,026; May 16.
- Tomkinson, Charles C., Plainfield, assignor to J. Edward Ogden Company, Inc., East Orange, N. J. Expansion shield or anchor. 1,921,794; Aug. 8.
- Tomlin, John R., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Web renewing mechanism for printing machines. 1,904,571; Apr. 18.
- Tomlin, John R., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y.; Irving Trust Company, receiver. Bearing for rotary printing machines. 1,921,443; Aug. 8.
- Tomlin, John R., Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver, New York, N. Y. Web roll controlling mechanism. 1,930,733; Oct. 17.
- Tomlins, William, Detroit, Mich. Canopy support. 1,940,981; Dec. 26.
- Tomlinson, Albert H. (See Loomis, N. E., and Tomlinson.)
- Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Connecting coupled cars in a train line circuit. 1,911,251; May 30.
- Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Electric circuit for trolley cars. 1,911,252; May 30.
- Tomlinson, Clarence L., Oakland, Calif., assignor to E. B. Meissner, St. Louis, Mo. Plowshare attachment. 1,925,779; Sept. 5.
- Tomlinson Coupler Company, The. (See Tomlinson, Charles H., assignor.)
- Tomlinson, Delbert J., Geneseo, Ill. Tractor wheel. 1,936,807; Nov. 28.
- Tomlinson, George V., Oldham, England. Finger-released pipe coupling. 1,907,614; May 9.
- Tomlinson, John K., Chicago, Ill. Shade roller adjusting construction. 1,909,640; May 16.
- Tomlinson, Sidney H., High Point, N. C. Bedstead. Des. 90,997; Nov. 7.
- Tomlinson, Sidney H., High Point, N. C. Chest of drawers or similar article. Des. 90,998; Nov. 7.
- Tomlinson, Sidney H., High Point, N. C. Bedstead. Des. 90,999; Nov. 7.
- Tompkins, Emerson H., Waterbury, Conn., assignor, by mesne assignments, to General Instrument Corporation, New York, N. Y. Condenser frame construction. 1,932,328; Oct. 24.
- Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Dispensing cap for containers. 1,937,609; Dec. 5.
- Tompkins, Ernest E., Ardmore, Pa. Valve for pneumatic devices. 1,909,921; May 16.
- Tompkins, Ernest E., Haverford, assignor to J. Kearsley Mitchell, Villa Nova, Pa. Valve for pneumatic devices. 1,927,725; Sept. 19.
- Tompkins, Grant A., Groton, assignor to L. C. Smith & Corona Typewriters Inc., New York, N. Y. Reversible ribbon feeding mechanism. 1,938,728; Dec. 12.
- Tompkins, John J., assignor of one-half to R. E. Smith, Lakeland, Fla. Hose and pipe coupling. 1,916,449; July 4.
- Tompkins, John J., assignor of one-half to G. E. Moore, Chicago, Ill. Baffle wall. 1,921,049; Aug. 8.
- Toncray, Millard H., Detroit, and J. W. Greig, Grosse Pointe Park, assignors to Hudson Motor Car Company, Detroit, Mich. Vehicle seat. 1,916,346; July 4.
- Tone, Frank J., Niagara Falls, N. Y., and M. L. Hartmann, Lompoc, Calif., assignors to The Carborundum Company, Niagara Falls, N. Y. Grinding wheel. 1,935,103; Nov. 14.
- Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Method and apparatus for drying freshly printed webs. 1,941,328; Dec. 26.
- Tooker, John N., Canajoharie, assignor to Bartlett Arkell, New York, N. Y. Multiply bag and producing same. 1,933,776; Nov. 7.
- Toney, Henry W., assignor to The Kawneer Company, Niles, Mich. Combination gun port and speaking aperture. 1,911,408; May 30.
- Tonge, Ross G., Los Angeles, Calif. Transfer and making the same. 1,899,066; Feb. 28.
- Toniewicz, Isidore E., and M. Lizon, Buffalo, N. Y. Tool holder guard. 1,902,679; Mar. 21.
- Tonjes, Henry, Jr., Wisner, Nebr. Tractor scraper. 1,892,817; Jan. 3.
- Tonkinson, Frank N., Longmont, Colo. Beet puller share. 1,923,285; Aug. 22.
- Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Parallel conductor system. 1,894,134; Jan. 10.
- Tonks, Lewi, Schenectady, N. Y., assignor to General Electric Company. Superregenerative receiver. 1,915,076; June 20.
- Tönnies, Hans F., Altona-Grossdottbek, Germany. Photographic exposure meter. 1,895,271; Jan. 24.
- Tönnies, Hans F., Altona-Gross-Flottbek, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Focusing device for photographic cameras. 1,921,898; Aug. 8.
- Tonsor, Louis F., Los Angeles, Calif. Camera mounting. 1,898,469; Feb. 21.
- Toogood, Henry H., Los Angeles, Calif. Wedge bar. 1,924,630; Aug. 29.
- Toogood, Henry H., Los Angeles, Calif. Form tie. 1,924,631; Aug. 29.
- Toohy, John S., and M. E. Erskine, assignors to Racine Tool and Machine Company, Racine, Wis. Metal sawing machine. 1,909,598; May 16.
- Toolan, William T., Los Angeles, Calif. Double ended slip fishhook. 1,911,778; May 30.
- Tooley, Clinton B., Wenham, assignor to Naumkeag Steam Cotton Company, Salem, Mass. Bed sheet and the like. 1,907,393; May 2.
- Tootal Broadhurst Lee Company Limited. (See Laurie, Kenneth S., assignor.)
- Topeka Tent and Awning Company. (See Bell, E. F., and Anton, assignors.)
- Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,905,074; Apr. 25.
- Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,921,897; Aug. 8.
- Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for making shoes. 1,931,563; Oct. 24.
- Topp, Charles H., Huntington, W. Va. Sink construction. 1,931,212; Oct. 17.
- Topping, John A., Bronxville, assignor of one-half to J. H. Shaffrey, New York, N. Y. Roofing cleat. 1,930,632; Oct. 17.
- Torbensen, Viggo V., Cleveland, Ohio. Refrigeration unit. 1,936,889; Nov. 28.
- Torch, Louis, assignor to Della Rabin, Chicago, Ill. Elevator door control. 1,899,368; Feb. 28.
- Torigian, John, Woodside, assignor to The Drug Products Co., Inc., Long Island City, N. Y. Making bismuth sodium gluconate and colloidal solution produced thereby. 1,906,666; May 2.
- Torinus, Gustav, Bad Soden on Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. New reserving preparation and reserve dyeing process. 1,922,993; Aug. 15.
- Torio, Thomas, Corona, N. Y. Shoe. 1,905,529; Apr. 25.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to assemble bolt flanges in hub shells and pierce eight rivet holes. 1,930,258; Oct. 10.
- Tormyn, Herman, and F. F. Wiethoff, assignors to General Motors Corporation, Detroit, Mich. Machine to pierce and countersink forty holes in a wheel rim. 1,930,259; Oct. 10.
- Tornberg, Henning T. (See Irwin, B. F., and Tornberg.)
- Tornberg, Henning T., Western Springs, and W. C. Ewaldson, Chicago, Ill. Child's vehicle. Des. 91,254; Dec. 26.
- Törnebohm, Hilding V., assignor to Aktiebolaget Svenska Kullagerfabriken, Gottenborg, Sweden. Gauging mechanism for internal grinders. 1,918,198; July 11.
- Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Roving device for reels. 1,935,585; Nov. 14.
- Toro Manufacturing Company. (See Clapper, John S., assignor.)
- Toro Manufacturing Company. (See Moyer, Amos F., assignor.)
- Török, Gabriel, and G. Becze, Budapest, Hungary. Making dough and bread. 1,894,135; Jan. 10.
- Torok, Julius J., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Disconnecting switch. 1,939,090; Dec. 12.
- Toronto Electric Commissions. (See Ashworth, E. M., and Ambuhl, assignors.)
- Toronto Type Foundry Company. (See Lawson, Albert R., assignor.)
- Torr, Thomas W., assignor to Rudy Furnace Company, Dowagiac, Mich. Gas furnace. 1,899,486; Feb. 28.
- Torr, Thomas W., assignor to Rudy Furnace Company, Dowagiac, Mich. Air heater. 1,925,122; Sept. 5.
- Torr, Thomas W., assignor to Rudy Furnace Company, Dowagiac, Mich. Pilot. 1,930,700; Oct. 17.
- Torrance, Henry, New York, N. Y., assignor to Carbondale Machine Company, Carbondale, Pa. Condenser. 1,908,463; May 9.
- Torrance, Henry, New York, N. Y., assignor to The Carbondale Machine Co., Carbondale, Pa. Convertible swimming pool and skating rink. 1,918,437; July 18.
- Torrance, John R., Bitton, England. Mill for reducing paints, colors, and pigments. 1,902,680; Mar. 21.
- Torrance, James H. (See Bassett, H. F., and Torrance.)
- Torrance, James S., Los Angeles, Calif. Therapeutic device. 1,910,135; May 23.
- Torrese, Apollo, assignor of twenty-five per cent to J. Aplungo, Philadelphia, Pa. Pipe. 1,939,473; Dec. 12.
- Torrey, Gilberta G. (See Booth, H. S., and Torrey.)
- Torrey, Gilberta G. (See Booth, H. S., Torrey, and Mer-lub-Sobel.)
- Torrey, Lucien L., Los Angeles, Calif. Compressor. 1,916,130; June 27.
- Torrington Company, The. (See Corey, Fred W., assignor.)
- Torrington Manufacturing Company, The. (See Hamill, Francis L., assignor.)

- Torriss, Samuel S., Philadelphia, Pa., assignor to The Burdick Corporation, Milton, Wis. Therapeutic lamp. 1,900,138; Mar. 7.
- Toscano, Francisco, Los Banos, Calif. Combination padlock. 1,920,489; Aug. 1.
- Toske, Arthur C., Jacksonville, Fla. Cylinder boring tool. 1,910,940; May 23.
- Tosterud, Martin, Arnold, Pa., assignor, by mesne assignments, to Aluminum Colors Incorporated, Indianapolis, Ind. Coating on aluminum. 1,900,472; Mar. 7.
- Tosterud, Martin, Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Coating. 1,939,421; Dec. 12.
- Toth, John, Chicago, Ill. Beehive. 1,896,334; Feb. 7.
- Totty, Robert A., assignor to American Hardware Company, Petersburg, Va. Baggage fastener. 1,934,105; Nov. 7.
- Totz, Arthur F., Detroit, Mich. Sole presser mounting. 1,914,655; June 20.
- Totzek, Friedrich, Essen-Stoppenberg, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Retort oven for producing gas and coke. 1,905,075; Apr. 25.
- Toubes, Benjamin. (See Lindberg, N. C., and Toubes.)
- Touchman, Alexander, Piqua, Ohio. Headlight. 1,922,787; Aug. 15.
- Tough, John S., Kansas City, Mo. Grain feeding device. 1,895,180; Jan. 24.
- Toulmin, Harry A., jr., Dayton, Ohio, assignor, by mesne assignments, of one-half to The Univis Corporation, Wilmington, Del., and one-half to United Kingdom Optical Company, Limited, London, England. Eyeglass lens. 1,906,672; May 2.
- Toulmin, Harry A., jr., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. 1,920,482; Aug. 1.
- Toulmin, Harry A., jr., assignor to The Univis Corporation, Dayton, Ohio. Bifocal lenses. 1,924,336; Aug. 29.
- Tourchette, Joseph H., assignor of one-tenth to Rasmus P. Rasmussen, Oakland, Calif. Pontoon bridge. 1,934,286; Nov. 7.
- Tournier, Ferdinand, Lyon, France. Brassière. Des. 90,517; Aug. 15.
- Tourriol, Jean, Paris, France. Headlight for vehicles. 1,901,012; Mar. 14.
- Tourtols, Fernand, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Cosmetic container. 1,902,199; Mar. 21.
- Tourtols, Fernand R., assignor to Coty, Inc., New York, N. Y. Powder box. Des. 89,933; May 16.
- Tourtols, Fernand R., assignor to Coty, Inc., New York, N. Y. Combined bottle and stopper. Des. 90,093; June 6.
- Toussaint, Walter J., South Charleston, W. Va., assignor to Carbide & Carbon Chem. Corp. Making vinyl chloride. 1,926,638; Sept. 12.
- Touvay, Robert. (See Long, B., and Touvay.)
- Tow, James O. (See Wickersham, H. P., and Tow.)
- Towell, William B., Jersey City, N. J. Piston construction. 1,933,943; Nov. 7.
- Tower, Edwin B. H., jr. (See Mellowes, Alfred W., assignor.)
- Tower, Edwin B. H., jr. (See Vogel, Frederick A., assignor.)
- Tower, Elmer V. J., North Syracuse, assignor, by mesne assignments, to Automotive Patents Corporation, New York, N. Y. Friction clutch. 1,922,645; Aug. 15.
- Tower, Leslie R., assignor to Boeing Airplane Company, Seattle, Wash. Control flaps and balances. 1,914,000; June 13.
- Tower, William R. (See D'Este, J. N., and Tower.)
- Towle Manufacturing Company. (See Nock, Harold E., assignor.)
- Towler, Clifford O., assignor to Wolseley Motors (1927) Limited, Birmingham, England. Ventilating the crank cases of internal combustion engines. 1,921,175; Aug. 8.
- Towlsaver, Inc. (See Perrin, Jay C., assignor.)
- Towndrow, Edward F. (See Ricks, E., and Towndrow.)
- Towne, Charles C., Poughkeepsie, and H. C. Becker, Beacon, assignors to The Texas Company, New York, N. Y. Recovery of spent selenium. 1,915,703; June 27.
- Towne, Harold M., Pittsfield, Mass., assignor to General Electric Company. Lightning arrester. 1,899,540; Feb. 28.
- Towne, Leland J., Oklahoma City, Okla. Double check valve. 1,894,603; Jan. 17.
- Townend, Robert V., Kearny, assignor to Pilot Laboratories, Inc., Arlington, N. J. Making acid chlorides. 1,936,739; Nov. 28.
- Towns, Percy F., Onchan, Isle of Man. Handle for vessels containing hot liquids. 1,920,330; Aug. 1.
- Townsend, Arthur, Coogee, Sydney, New South Wales, Australia. Electrical vacuum cleaner. 1,903,855; Apr. 18.
- Townsend, Arthur J. (See Naugle, H. M., and Townsend.)
- Townsend, Frank P., East Orange, N. J. Metal coating apparatus. 1,930,601; Oct. 17.
- Townsend, George H., Greenwich, Conn., and R. T. Hurley, Dobbs Ferry, assignors, by mesne assignments, to Moto Meter Gauge & Equipment Corporation, Long Island City, N. Y. Motor heat indicator. 1,895,385; Jan. 24.
- Townsend, Henry B., Belmont, assignor to Vultex Corporation of America, Cambridge, Mass. Concentrating aqueous rubber dispersions. 1,939,635; Dec. 12.
- Townsend, Jack F., Lake Wales, Fla. Field box head. 1,911,728; May 30.
- Townsend, Jack F., Lake Wales, Fla. Field box head. 1,930,988; Oct. 17.
- Townsend, John J., Hayward, Calif. Trailer brake operating mechanism. 1,922,719; Aug. 15.
- Townsend, John R. (See Hayford, W. S., and Townsend.)
- Townsend, John R., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Article of metallic compositions or alloys of lead. 1,896,473; Feb. 7.
- Townsend, Joseph F., assignor to The Worthington Ball Company, Elyria, Ohio. Painting machine. 1,926,465; Sept. 12.
- Townsend, Joseph F., assignor to Worthington Ball Company, Elyria, Ohio. Ball-trimming machine. 1,936,808; Nov. 28.
- Townsend, Oliver A., Berhampore, Wellington, assignor to Tru Colour Film Limited, Wellington, New Zealand. Color photography. 1,934,779; Nov. 14.
- Townsend, Paul V., assignor to American Playground Device Company, Anderson, Ind. Diving board stand. 1,936,777; Nov. 28.
- Townsend, Ralph H., Mount Vernon, assignor, by mesne assignments, to United Research Corporation, Long Island City, N. Y. Arrangement for producing phonograph records. 1,895,178; Jan. 24.
- Townsend, Roy B., assignor to General Motors Corporation, Detroit, Mich. Welded brake shoe. 1,937,997; Dec. 5.
- Townsend, Russell J. (See Williams, J. T. C., and Townsend.)
- Townshend, Bailey, Jackson Heights, assignor to International Time Recording Company of New York, Endicott, N. Y. Mercury pendulum contact. 1,909,555; May 16.
- Townshend, John L., Montreal, Quebec, Canada. Temperature indicating attachment for refrigerator cars. 1,909,383; May 16.
- Townslley, Hugh B., Spokane, Wash. Vehicle wheel. 1,903,398; Apr. 4.
- Townslley, Hugh B., Spokane, Wash. Rim for tires. 1,921,331; Aug. 8.
- Towt, Charles W., Lindsay, Calif., assignor to C. W. Towt and D. G. Towt, as trustees of The Charles Warren Towt Holding Company. Apparatus for preventing frost damage to vegetation. 1,903,615; Apr. 11.
- Towt, Donald G., trustee. (See Towt, Charles W., assignor.)
- Towy, Lillian, Inglewood, Calif. Milk bottle cap. 1,907,615; May 9.
- Toy Tinkers, Inc., The. (See Pajeau, Charles H., assignor.)
- Toy Tinkers Inc., The. (See Schroeder, Frank, assignor.)
- Toy Tinkers, Inc., The. (See Svebilus, Henry M., assignor.)
- Trabold, Frank W., Detroit, Mich. Foot pedal. 1,919,968; July 25.
- Trace, Fred B., Natrona Heights, and R. G. Whittemore, Brackenridge, Pa., assignors to Duplate Corporation. Treating laminated glass. 1,910,072; May 23.
- Trace, Russell A., assignor to Buckeye Iron and Brass Works, Dayton, Ohio. Cooker. 1,910,485; May 23.
- Trachsel, Ernst, Zurich, assignor of one-half to W. Hussy, Aarburg, Switzerland. Brake-adjusting means. 1,930,401; Oct. 10.
- Trachsel, Ernst, Zurich, assignor of one-half to W. Hussy, Aarburg, Switzerland. Power brake for motor vehicles. 1,932,649; Oct. 31.
- Tracht, Robert F., assignor to The Central Ohio Steel Products Company, Galion, Ohio. Burial vault. Des. 89,804; May 2.
- Tracy, Elwyn B., Littleton, assignor of one-half to The Macallen Company, Boston, Mass. Safety device for motor vehicles. 1,901,361; Mar. 14.
- Tracy, Homer D., Ridgewood, N. J. Blade sharpener and the like. 1,900,374; Mar. 7.
- Tracy, James J., Shaker Heights, Ohio. Automotive vehicle drive. 1,893,255; Jan. 3.
- Tracy, Lott R., Seattle, Wash. Weed killer. 1,895,693; Jan. 31.
- Tracy, Michael J., St. Louis County, assignor to Pauly Jail Building Company, St. Louis, Mo. Wall construction. 1,920,490; Aug. 1.
- Tracy, Michael J., St. Louis County, assignor to Pauly Jail Building Company, St. Louis, Mo. Safety flushing apparatus. 1,932,002; Oct. 24.
- Tracy, Robert W., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun nozzle. 1,897,633; Feb. 14.
- Traendly, Frank H., Brooklyn, N. Y., assignor to Traendly & Schenk's Rowayton Greenhouses, Inc., Rowayton, Conn. Yellow rose. Pl. Pt. 80; Nov. 7.
- Traendly & Schenk's Rowayton Greenhouses, Inc. (See Traendly, Frank H., assignor.)
- Traenkle, Karl A., assignor to firm Carl Zeiss, Jena, Germany. Roll-film case. 1,936,923; Nov. 28.
- Traffic Signs & Signals, Inc. (See Schiller, Sigge, assignor.)
- Trafton, Ernest E., Portland, Me. Filter. 1,906,932; May 2.
- Trager, Leon. (See Perkins, W. F., and Trager.)
- Trahev, George W., Bremerton, Wash. Flashlight adapter for marine running lights. 1,931,712; Oct. 24.

- Trail, Herbert H., Vancouver, British Columbia, Canada, assignor to Motor Devices, Incorporated, Chicago, Ill. Carburetor. 1,893,511; Jan. 10.
- Trail, Herbert H., Vancouver, British Columbia, Canada, assignor to Motor Devices, Incorporated, Chicago, Ill. Controlling the starting of internal combustion engines. 1,912,669; June 6.
- Trall, David, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited, London, England. Manufacture of alkyl ethers of cellulose. 1,938,360; Dec. 5.
- Trainer, James E., Barborton, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Return bend and forming the same. 1,908,198; May 9.
- Trainer, James E., Fairlawn, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Pipe section. 1,924,966; Aug. 29.
- Trainer, James E., and I. L. Langvand, Barborton, Ohio, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Reheater. 1,929,376; Oct. 3.
- Trainer, Maurice N., East Orange, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe key. 1,927,248; Sept. 19.
- Trainer, E. G. (See Penman, Samuel, assignor.)
- Trainer, Edward G., New York, N. Y., and W. L. Schaub, North Plainfield, N. J.; said Schaub assignor to said Trainer. Potato stringing machine. 1,936,180; Nov. 21.
- Trainer, Felix J., assignor to Trainor National Spring Company, Newcastle, Ind. Resilient structure for chairs and the like. 1,896,260; Feb. 7.
- Trainer, Felix J., assignor to Trainor National Spring Corporation, New Castle, Ind. Resilient chair. 1,915,480; June 27.
- Trainor Food Corporation. (See Hellinger, Carl, assignor.)
- Trainor National Spring Company. (See Trainor, Felix J., assignor.)
- Tranaas, Emil, assignor to Koehring Company, Milwaukee, Wis. Discharge chute actuating mechanism. 1,896,987; Feb. 7.
- Tranaas, Emil, assignor to Koehring Company, Milwaukee, Wis. Bucket operating and boom swinging mechanism for concrete pavers. 1,933,399; Oct. 31.
- Tranaas, Emil L., assignor to Koehring Company, Milwaukee, Wis. Tandem paving apparatus. 1,931,942; Oct. 24.
- Tranchell, Jacob J., assignor to Highway Form Company, Portland, Ore. Street marker, construction form and screed. 1,922,462; Aug. 15.
- Trane, Reuben N., La Crosse, Wis. Humidifier. 1,894,898; Jan. 17.
- Trane, Reuben N., La Crosse, Wis. Heat exchanger. 1,929,540; Oct. 10.
- Tranin Egg Products Co. (See Tranin, Samuel, assignor.)
- Tranin Egg Products Co. (See Tranin, S., and Irwin, assignors.)
- Tranin, Samuel, Kansas City, Mo., assignor to Tranin Egg Products Co. Egg product. 1,897,775; Feb. 14.
- Tranin, Samuel and J. C. Irwin, jr., Kansas City, Mo., assignors to Tranin Egg Products Co. Edible compound including egg products. 1,895,694; Jan. 31.
- Trans Ad Incorporated. (See Kauffman, Albert J., assignor.)
- Transcello Paper Company. (See Kiefer, Julius E., assignor.)
- Transehe, Nicolas A. (See Krijanovsky, N. N., and Transehe.)
- Transerv Corporation. (See Harbert, Victor H., assignor.)
- Transit Tixers, Inc. (See Knowles, Albert, assignor.)
- Transitone Automobile Radio Corporation. (See Leonard, Anthon A., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Bowen, Lester W., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Curtis, Kenneth L., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Hanks, Austin K., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Lynn, Harry H., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Newman, David F., assignor.)
- Trans-Lux Daylight Picture Screen Corporation. (See Unkles, Edward H., assignor.)
- Transstrom, Robert L., and H. Hurlbut, Los Angeles, Calif., assignors to Wayne Company, Fort Wayne, Ind. Electric switch mechanism. 1,907,016; May 2.
- Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Universal footpiece for cultivator shovels and the like. 1,905,016; Apr. 25.
- Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Fertilizer boot. 1,905,767; Apr. 25.
- Traquair, John, Chillicothe, assignor to The Mead Research Engineering Company, Dayton, Ohio. Paper manufacture. 1,914,184; June 13.
- Traquair, John, Chillicothe, assignor to The Mead Research Engineering Company, Dayton, Ohio. Paper manufacture. 1,936,697; Nov. 28.
- Tratsch, Walter A., et al. (See Hall, Louis M., assignor.)
- Tratsch, Walter A., Chicago, Ill. Coin controlled game of skill. 1,912,324; May 30.
- Tratsch, Walter A., Chicago, Ill. Coin distributor. 1,912,325; May 30.
- Tratsch, Walter A., Chicago, Ill. Amusement device. 1,918,590; July 4.
- Tratsch, Walter A., Chicago, Ill. Distributor. 1,927,996; Sept. 26.
- Tratsch, Walter A., Chicago, Ill., assignor of one-half to The Monarch Tool & Manufacturing Company, Cincinnati, Ohio. Coin slide. 1,908,380; May 9.
- Traub, Nathan, Brooklyn, N. Y. Cosmetic chart. Des. 91,000; Nov. 7.
- Trauner, Harry J. (See Roland, J. R., and Trauner.)
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Screen protecting device. Re18,940; Sept. 5.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Access panel latch. 1,921,051; Aug. 8.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Rolling light-tight closures. 1,925,578; Sept. 5.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Roller screen. 1,934,103; Nov. 7.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Tension controlling device for rolling closures. 1,937,209; Nov. 28.
- Traut, Clifford, assignor to The Higgin Manufacturing Company, Newport, Ky. Spring roller. 1,938,729; Dec. 12.
- Traut, William A., assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,933,777; Nov. 7.
- Trautman, Frederick C. (See King, T. C., and Trautman.)
- Trautman, Oscar C. (See Wood, W. H., Trautman, and Benninghoff.)
- Trautman, Raymond B., Minneapolis, Minn. Artificial hand. 1,929,541; Oct. 10.
- Trautner, Nicholas W., St. Paul, Minn. Hub removing tool. 1,899,218; Feb. 28.
- Trautner, Nicholas W., and R. J. Keenan, assignor to T and A Manufacturing Company, St. Paul, Minn. Tire lock for motor vehicles. 1,912,872; June 6.
- Trautner, Willy. (See Mieg, W., Stein, and Trautner.)
- Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle door construction. 1,920,816; Aug. 1.
- Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Armrest. 1,937,301; Nov. 28.
- Trautwein, Fritz, Freiburg-in-Breisgau, Germany. Massaging apparatus. 1,937,448; Nov. 28.
- Travel Air Company. (See Rawdon, H., and Burnham, assignors.)
- Travell, Warren. (See Powelson, W. V. N., and Travell.)
- Traver, Harry G., Beaver Falls, Pa. Training apparatus for flying machine pilots. 1,910,655; May 23.
- Traver, Harry G., Beaver Falls, Pa. Amusement ride and vehicle. 1,916,999; July 4.
- Traver, Harry G., Beaver Falls, Pa. Amusement ride. 1,940,233; Dec. 19.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 1,895,355; Jan. 24.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 1,919,969; July 25.
- Traver, Oliver C., Penfield, Upper Darby, Pa., assignor to General Electric Company. Temperature relay. 1,896,856; Feb. 7.
- Travers, Lewis C., assignor to P. Derby Company, Gardner, Mass. Combined desk and chair support. Des. 90,056; May 30.
- Travis, Albert C., jr., Jackson Heights, N. Y., assignor to A. W. Holbrook & Sons, Inc., Palmer, Mass. Steam trap. 1,904,393; Apr. 18.
- Travis, Bert, Santa Fe Springs, Calif. Cat line spool. 1,905,577; Apr. 25.
- Travis, Bertram C., assignor of one-half to Pacific Copper and Brass Works, Incorporated, Los Angeles, Calif. Portable machine for boring tapered elliptical holes. 1,893,810; Jan. 10.
- Travis, Charles, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 1,908,381; May 9.
- Travis, Charles, assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Radio receiving system. 1,909,239; May 16.
- Travis, John M., St. Louis, Mo. Faucet. 1,901,479; Mar. 14.
- Travis, John S., Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Carpet. Des. 88,934; Jan. 3.
- Travis, John S., Long Island City, N. Y., assignor to Bigelow Sanford Carpet Co. Inc. Carpet. Des. 89,060; Jan. 17.
- Travis, William, Blackley, Manchester, England. Method and apparatus for extrusion of metal. 1,904,907; Apr. 18.
- Trav-Ler Manufacturing Corp. (See Ogle, Charles R., assignor.)
- Traxel, Charles E., Rome, assignor to General Cable Corporation, New York, N. Y. Winding apparatus. 1,908,872; May 16.
- Traxl, Frank J., Chicago, Ill. Denture brush. 1,930,571; Oct. 17.
- Traylor Engineering & Manufacturing Company. (See Bernhard, Richard, assignor.)

- Traylor Engineering & Manufacturing Company. (See Miller, Arthur F., assignor.)
- Traylor Engineering & Manufacturing Company. (See Traylor, Samuel W., jr., assignor.)
- Traylor, Samuel W., jr., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Producing oil from wells, and apparatus therefor. 1,902,296; Mar. 21.
- Traylor, Samuel W., jr., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Liquid pump. 1,902,386; Mar. 21.
- Tray Service Company. (See Lack, Fred S., assignor.)
- Tray Service Company. (See McGinley, William L., assignor.)
- Trbojevich, Nikola, Detroit, Mich. Gear cutting. 1,898,154; Feb. 21.
- Treadwell Engineering Company. (See Mikaelson, Erik W., assignor.)
- Treadwell Engineering Company. (See Neave, A. A., and Helstrom, assignors.)
- Treadwell Engineering Company. (See Schreck, Hans L., assignor.)
- Treadwell, M. H., Company. (See Nordin, Arvid, assignor.)
- Treanor, Earl E. (See Norquist, V. C., and Treanor.)
- Treat, Jason E. (See Butler, George V., assignor.)
- Trebes, Bruna M. A., Berwyn, Ill., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Extrusion die. 1,911,858; May 30.
- Trechinski, Roman, Warsaw, Poland, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Impulse transmitting arrangement. 1,908,574; May 9.
- Trechsl, Max, assignor to the Firm Sulzer Frères Société Anonyme, Winterthur, Switzerland. Internal combustion engine with supercharging. 1,893,006; Jan. 3.
- Trede, Hans, and O. H. Hartmann, assignors to Schmidt'sche Heissdampf-Gesellschaft mit beschränkter Haftung, Kassel-Wilhelmshöhe, Germany. Indirect generation of steam by means of superheated heating steam. 1,917,166; July 4.
- Treece, J. D. (See Edwards, Stanley, assignor.)
- Treece, Jesse H. (See McLaughlin, J. E., Treece, and Soubier.)
- Treece, Jesse H. (See Soubier, L. D., and Treece.)
- Treece, Jesse H., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Shear mechanism for glassware forming machines. 1,898,407; Feb. 21.
- Treece, Jesse H., Toledo, Ohio, and J. E. McLaughlin, Alton, Ill., assignors to Owens-Illinois Glass Company. Machine for forming hollow glassware. 1,898,408; Feb. 21.
- Treece, Goddard, assignor of one-half to Richard J. Lobb, Globe, Ariz. Gear-shift lever switch. 1,895,260; Jan. 24.
- Trefethen, Charles G., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 1,903,149; Mar. 28.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Variable feed mechanism for typewriter carriages. 1,918,299; July 18.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Means to vary the blow of the printing hammer. 1,918,300; July 18.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Paper guiding and gauging means. 1,918,301; July 18.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Frame extension for typewriting machines. 1,918,302; July 18.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Tabulator stop. 1,918,303; July 18.
- Trego, Frank H., assignor, by mesne assignments, to R. C. Coxhead Corporation, New York, N. Y. Back spacing mechanism for typewriting machines. 1,918,304; July 18.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Work-sheet guiding means. 1,929,449; Oct. 10.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Ribbon-reversing mechanism for typewriting machines. 1,930,068; Oct. 10.
- Trego, Frank H., assignor, by mesne assignments, to Ralph C. Coxhead Corporation, New York, N. Y. Printing instrumentalities for typewriting machines. 1,933,570; Nov. 7.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Attachment plug cap and making the same. 1,900,139; Mar. 7.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for molding insulating articles. 1,901,205; Mar. 14.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Combined plug receptacle and warning light fixture. 1,902,596; Mar. 21.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 1,924,818; Aug. 29.
- Tregoning, William C., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical connecting device. 1,938,303; Dec. 5.
- Trein, Norman O., Los Angeles, Calif. Time control mechanism. 1,901,362; Mar. 14.
- Tremblay, Albert F., Winchester, Ind. Bottle conveying and cooling machine. 1,894,576; Jan. 17.
- Trembour, Max R., Beaver, assignor to Jessop Steel Company, Washington, Pa. Making tapered metal plates. 1,926,320; Sept. 12.
- Tremolada, Guglielmo. (See Smith, D. M., and Tremolada.)
- Tremolada, Guglielmo, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary swivel. 1,937,050; Nov. 28.
- Tremont Products Corporation. (See Smith, Raymond D., assignor.)
- Trenkamp, Henry, jr., Shaker Heights, assignor to The Ohio Foundry Company, Cleveland, Ohio. Enameling fixture. 1,933,944; Nov. 7.
- Trenkamp, Henry, jr., Shaker Heights, assignor to The Ohio Foundry Company, Cleveland, Ohio. Enameling support and process of use. 1,935,420; Nov. 14.
- Trent, Harold E., and T. F. A. Edvar, Philadelphia, Pa., assignors to Harold E. Trent Company. Electric resistance unit. 1,928,142; Sept. 26.
- Trent, Harold E., Company. (See Trent, H. E., and Edvar, assignors.)
- Trent Process Corporation, The. (See Trent, Walter E., assignor.)
- Trent, Walter E., New York, N. Y., assignor to The Trent Process Corporation. Preparing oil and coal amalgam. 1,895,056; Jan. 24.
- Trent, Walter E., assignor to Trent Process Corporation, New York, N. Y. Carbonizing process. 1,916,939; July 4.
- Trent, Walter E., assignor to Trent Process Corporation, New York, N. Y. Briquette and producing same. 1,923,803; Aug. 22.
- Trent, Walter E., assignor to Trent Process Corporation, New York, N. Y. Producing fuel briquettes. 1,929,860; Oct. 10.
- Trent, Walter E., New York, N. Y., assignor to The Trent Process Corporation. Carbonizing solid carbonizable fuel. 1,932,296; Oct. 24.
- Trenton Auto Radiator Works, Inc. (See Kramer, Nathan, assignor.)
- Trenton Potteries Co., The. (See Hinsdale, Winfield E., assignor.)
- Trenton Spring Products Company. (See Hager, H. F., and McCoy, assignors.)
- Treppenhauer, Max. (See Grosskinsky, O., and Treppenhauer.)
- Treppenhauer, Max. (See Schmidt, O., Treppenhauer, Grosskinsky, and Fisher.)
- Tres Gyogyszer-Vegyszeri Ipari es Kereskedelmi V. T. (See Zemplén, Géza, assignor.)
- Trescartes, Leopold. (See Antelme, L. X., and Trescartes.)
- Treschow, Michael, Kew Gardens, assignor to F. L. Smith & Co., New York, N. Y. Tube mill bearing device. 1,919,489; July 25.
- Trescott Company, The. (See Trescott, Willis A., assignor.)
- Trescott, John B., Overland, assignor, by mesne assignments, to J. R. Kearney Corporation, St. Louis, Mo. Fuse and expelling fuse wire therefrom. 1,917,781; July 11.
- Trescott, John B., Overland, and Samuel S. Baker, Webster Groves, assignors, by mesne assignments, to James R. Kearney Corporation, St. Louis, Mo. Fuse switch. 1,917,780; July 11.
- Trescott, Willis A., assignor to The Trescott Company, Inc., Fairport, N. Y. Sorting apparatus. 1,919,403; July 25.
- Tresouthick, Joseph L., Jersey City, N. J. Window. 1,896,023; Jan. 31.
- Tressler, Donald K., Pittsburgh, Pa., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Wax-like esters and preparing the same. 1,925,063; Aug. 29.
- Tressler, Donald K., Gloucester, and K. B. Norton, Manchester, Mass., assignors to Frosted Foods Company, Inc., Dover, Del. Liquid food product and packaging the same. 1,896,529; Feb. 7.
- Tressler, Donald K., and W. T. Murray, Gloucester, Mass., assignors to Frosted Foods Company, Inc., Dover, Del. Preparation of food products. 1,936,074; Nov. 21.
- Tretbar, Walter R., Govans, Md. Transmission lock for automobiles. 1,895,404; Jan. 24.
- Tretolite Company. (See De Groote, Melvin, assignor.)
- Tretolite Company. (See De Groote, M., and Keiser, assignors.)
- Tretolite Company. (See De Groote, M., Keiser, and Wirtel, assignors.)
- Tretolite Company. (See De Groote, M., and Monson, assignors.)
- Tretolite Company. (See De Groote, M., Monson, and Wirtel, assignors.)
- Tretolite Company. (See De Groote, M., and Wirtel.)
- Trevaskis, Henry. (See Goodyear, E. F., Wright, and Trevaskis.)
- Treverton, Stephen, Canton, assignor, by mesne assignments, to Republic Steel Corporation, Youngstown, Ohio. Flood-gate for culverts. 1,929,527; Oct. 10.
- Trew, James W., Gettysburg, assignor to J. S. Rice, Biglerville, Pa. Fruit facing apparatus. 1,892,818; Jan. 3.

- Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Package liner. 1,926,639; Sept. 12.
- Trew, James W., Gettysburg, and A. E. Rice, assignors to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Edge guard. 1,930,374; Oct. 10.
- Trewhella, William, Trentham, Victoria, Australia. Permutation padlock. 1,903,885; Apr. 18.
- Trewhitt, James E., Oakland, and J. N. Borroughs, Piedmont, assignors to Oakland-California Towel Company, Oakland, Calif. Towel cabinet. 1,916,542; July 4.
- Triangle Conduit Company. (See Palmer, F., and McAuliffe, assignors.)
- Tribo Limited. (See Bentley, Marguerite E., assignor.)
- Tribune Company, The. (See von der Horst, Frederick, assignor.)
- Tribune Company, The. (See Wolf, Otto R., assignor.)
- Tricard, Rene, Paris, France, assignor to Letheric Incorporated, New York, N. Y. Lipstick case. Des. 90,393; July 25.
- Tricard, Rene, Paris, France, assignor to Letheric Incorporated, New York, N. Y. Perfume bottle. Des. 90,558; Aug. 22.
- Tricau, Gabriel, Vanves, France. Shock absorbing device for appliances such particularly as aircraft parachutes. 1,935,339; Nov. 14.
- Trice, Leland D., and E. A. Hicks, Waco, said Trice assignor to E. A. Hicks, MacLennan County, Tex. Drain valve for crank cases. 1,938,505; Dec. 5.
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Horton, E. C., and Hueber, assignors.)
- Trico Products Corporation. (See Hueber, Henry, assignor.)
- Trico Products Corporation. (See Hueber, H., and Horton, assignors.)
- Trico Products Corporation. (See Oishei, John R., assignor.)
- Trico Products Corporation. (See Oishei, J. R., and Horton.)
- Trico Products Corporation. (See Oishei, J. R., and Schaal.)
- Trico Products Corporation. (See Schaal, Earl V., assignor.)
- Tridex Corporation. (See Wier, Stuart A., assignor.)
- Trier, Vernon A., London, England. Vibration damper of the friction type. 1,909,154; May 16.
- Triller, Benjamin J., Dubuque, Iowa. Door panel construction. 1,919,311; July 25.
- Triller, Benjamin J., Dubuque, Iowa. Folding door. 1,937,730; Dec. 5.
- Trimbach, Clem G., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Machine gun mount for aircraft. 1,892,914; Jan. 3.
- Trimbach, Clem G., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Machine gun mount for aircraft. 1,902,107; Mar. 21.
- Trimble, E., et al. (See Carton, Lee C., assignor.)
- Trimble, George E., Walkersville, Ontario, Canada. Saw grinding and setting machine. 1,913,354; June 6.
- Trimpe, Emmett H. (See Lambertus, P., Trimpe, and Kountz.)
- Trincherio, Ferruccio, Genoa, assignor to Enrico Garda, Turin, Italy. Controlling means for electric lighting installation of railway cars. 1,901,274; Mar. 14.
- Trinidad Leaseholds, Limited. (See Blair, S. M., Melvill, Berry, and Banks, assignors.)
- Trinidad Leaseholds, Limited. (See Melvill, Francis L., assignor.)
- Trinks, Willibald, assignor to Mesta Machine Company, Pittsburgh, Pa. Operating pickling machines. 1,902,532; Mar. 21.
- Trinks, Willibald, Pittsburgh, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Furnace and method of furnace operation. 1,933,571; Nov. 7.
- Triou, Andre, Montgeron, France. Apparatus for controlling ring spinning machines. 1,934,999; Nov. 14.
- Tri-Pie Corporation, The. (See Mears, Theodore M., assignor.)
- Triple-Seal, Incorporated. (See Page, Almeda, assignor.)
- Triplett, Lewis H., et al. (See Carver, Vern E., assignor.)
- Triplett, Ray L., Bluffton, Ohio. Electrical measuring instrument. 1,918,940; July 18.
- Triplett, Stanley F., and J. B. Beard, Modesto, Calif. Preserving perishable food products. 1,940,337; Dec. 19.
- Triple "XXX" Company. (See Dawson, James F., assignor.)
- Triploil Manufacturing Company. (See Ireland, Lewis J., assignor.)
- Tripp, Augustus B., Cliftondale, Mass., assignor to General Electric Company. Oscillation generator. 1,919,993; July 25.
- Tripp, Edward J., Hanham, near Bristol, England. Detachable fastener. 1,898,155; Feb. 21.
- Tripp, Freeman. (See Howery, A. F., and Tripp.)
- Tripp, Weaver W., Mebane, N. C. Stop motion for speeders and the like. 1,925,737; Sept. 5.
- Trist, Arthur R., London, England, assignor, by mesne assignments, to Pantone Corporation, New York, N. Y. Screen for photographic purposes, photomechanical printing processes and the like. 1,896,567; Feb. 7.
- Trist, Arthur R., London, England, assignor, by mesne assignments, to Pantone Corporation, New York, N. Y. Plate mounting. 1,916,777; July 4.
- Trobeck, Olof E., Berlin, Germany, assignor to The National Acme Company, Cleveland, Ohio. Multiple spindle metal working machine. 1,901,206; Mar. 14.
- Trobeck, Olof E., Berlin, Germany, assignor to National Acme Company, Cleveland, Ohio. Automatic multiple spindle machine. 1,910,192; May 23.
- Troell, Lewis S., Brooklyn, N. Y. Tail gate elevator. 1,919,608; July 25.
- Troendly, Harry P. (See Shailer, P. B., and Troendly.)
- Troendly, Harry P., assignor to Dunbar-Gibson, Inc., New York, N. Y. Support for lawn sprinkler. Des. 90,180; June 20.
- Troendly, Harry P., assignor to Dunbar-Gibson, Inc., New York, N. Y. Support for lawn sprinkler. Des. 90,181; June 20.
- Tröger, Richard, Berlin-Zehlendorf, Germany, assignor to General Electric Company. System of distribution. 1,918,066; July 11.
- Trogner, Arthur M., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Selective filter system. 1,894,645; Jan. 17.
- Trogner, Arthur M., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Remote control for space and wired radio systems. 1,894,646; Jan. 17.
- Trogner, Arthur M., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Combined clock and radio system. 1,905,193; Apr. 25.
- Trogner, Arthur M., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Radio apparatus. 1,929,939; Oct. 10.
- Trogner, Arthur M., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Air navigation apparatus. 1,911,169; May 23.
- Trojan Powder Company. (See Snelling, W. O., and Koch, assignors.)
- Trojan Powder Company. (See Snelling, Walter O., assignor.)
- Trojan Powder Company. (See Wyler, Joseph A., assignor.)
- Troland, Leonard T., Cambridge, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Restraining dye diffusion and resulting product. 1,923,043; Aug. 15.
- Troland, Leonard T., Cambridge, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Photographic gelatin relief. 1,923,764; Aug. 22.
- Troland, Leonard T., Cambridge, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Preparing gelatin blanks. 1,924,890; Aug. 29.
- Troland, Leonard T., Cambridge, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Multicolor film and method. 1,928,709; Oct. 3.
- Troland, Leonard T., and R. D. Eaton, Cambridge, Mass., assignors, by mesne assignments, to Technicolor, Inc., New York, N. Y. Photographic relief. 1,919,673; July 25.
- Trolley, Isaac. (See Bateman, F. H., and Trolley.)
- Trombanhauser, Jesse H. (See Reinecke, Henry, assignor.)
- Trombetta, Herman P., New Hartford, N. Y. Train control system. 1,924,219; Aug. 29.
- Trompeter, David, Amityville, assignor to Miriam Sugarman, Baldwin, N. Y. Steel wool holder. 1,898,698; Feb. 21.
- Trompeter, David, Amityville, assignor to Miriam Sugarman, Baldwin, Long Island, N. Y. Nozzle. 1,903,139; Mar. 28.
- Trompeter, Peter J., jr. (See Kistler, H. L., and Trompeter.)
- Troonier, Albrecht W., Kreuznach, Germany. Unsymmetrical objective lens system. 1,924,527; Aug. 29.
- Tropic-Aire, Incorporated. (See Butterfield, Vernon J., assignor.)
- Tropic-Aire, Incorporated. (See Will, Carl H., assignor.)
- Tross, Ernest E., Youngstown, Ohio. Slot cover. 1,918,878; July 18.
- Trost, Gustave A., San Francisco, Calif. Pouring carton. 1,914,543; June 20.
- Trott, Roland S., Denver, Colo. Engine mounting. 1,897,014; Feb. 7.
- Trott, Harvey B. (See Brown, C. J., and Trott.)
- Trott, Roland S. (See Benster, L. H., and Trott.)
- Trotter, Arthur H., Syracuse, N. Y., assignor to R. B. Burns, Buck Hill Falls, Pa. Fastening device. 1,926,217; Sept. 12.
- Trotter, George C., Chicago, Ill. Tapping screw. 1,909,477; May 16.
- Trotter, George C., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Lock washer. 1,896,650; Feb. 7.
- Trotter, George C., assignor to Shakeproof Lock Washer Company, Chicago, Ill. Self-tapping screw. 1,909,476; May 16.
- Trotter, Henry R., assignor to Hacker Manufacturing Co., Chicago, Ill. Printing plate trimming machine. 1,906,877; May 2.
- Troupa, Albert B., Princeton, Ill. Dental massaging appliance. 1,924,337; Aug. 29.
- Trout, Harold N., and F. S. Ellis, Norristown, assignor of one-third to Harold B. Slemmer, Lederach, Pa. Belt buckle. 1,924,665; Aug. 29.
- Trout, Walter C., Lufkin, Tex. Pumping unit. 1,895,181; Jan. 24.
- Trout, Walter C., Lufkin, Tex. Pumping power. 1,900,675; Mar. 7.

- Trout, Walter C., Lufkin, Tex. Counterbalance for crank shafts. 1,914,387; June 20.
- Trout, Walter C., and F. Graham, Lufkin, Tex.; said Graham assignor to Lufkin Foundry & Machine Company. Free drop crank. 1,939,152; Dec. 12.
- Trout, William A., assignor to Emsco Derrick and Equipment Company, Los Angeles, Calif. Derrick construction. 1,896,530; Feb. 7.
- Trowbridge, Frederick A., Sacramento, Calif. Portable and adjustable vise-stand. 1,897,449; Feb. 14.
- Trowbridge, Ira A., Wallace, Idaho. Cow tail hanger. 1,904,635; Apr. 18.
- Trowbridge, Miles L. (See Brogren, E. M., and Trowbridge.)
- Troxel, Lowe F., El Dorado, Ark. Vehicle location indicator. 1,913,252; June 6.
- Troxell, Willard W. (See Pagon, W. W., and Troxell.)
- Troxell, William W. (See Ober, B., Pagon, Pruett, and Troxell.)
- Troy Laundry Machinery Company, Inc. (See Adams, Arthur H., assignor.)
- Troy Laundry Machinery Company, Inc. (See McKnight, Samuel H., assignor.)
- Troy Laundry Machinery Company, Inc. (See Schenck, Le Roy C., assignor.)
- Troy, Martin J., Atlantic Highlands, N. J. Ink fountain divider and pad. 1,919,283; July 25.
- Troy, Seymour, New York, N. Y. Shoe construction. 1,893,007; Jan. 3.
- Troyer, Nelson, and P. E. Pearson, Seattle, Wash., assignors to Continental Can Company, Inc. Can-closing machine. 1,929,339; Oct. 3.
- Troyer, Nelson and P. E. Pearson, Seattle, Wash., assignors to Continental Can Company, Inc., New York, N. Y. Semiautomatic can-seaming machine. 1,930,402; Oct. 10.
- Troyer, Nelson, and P. E. Pearson, Seattle, Wash., assignors to Continental Can Company, Inc., New York, N. Y. Can vacuumizing and seaming machine. 1,933,462; Oct. 31.
- Troyk, Felix, Morris, Ill. Carton. 1,915,171; June 20.
- Troyk, Felix, Morris, Ill., assignor to Self Locking Carton Company. Cushioned carton. Re18,922; Aug. 22.
- Troyk, Felix, Morris, assignor to Self-Locking Carton Company, Chicago, Ill. Egg carton. 1,922,145; Aug. 15.
- Truax, William T., assignor to United States Register Co., Battle Creek, Mich. Key operated warm air register. 1,904,636; Apr. 18.
- Truax, William T., assignor to United States Register Co., Battle Creek, Mich. Straight flow volume control register. 1,924,263; Aug. 29.
- Truba, Dean O. (See Truba, Edward L. and R. K., assignors.)
- Truba, Edward L. and R. K., assignors of one-third to D. O. Truba, Detroit, Mich. Electromagnet paint stripping template. 1,915,631; June 27.
- Truba, Roy K. (See Truba, Edward L. and R. K.)
- Trube, Carl E., deceased, Ossining, N. Y.; S. M. Trube, administratrix, assignor of one-half to W. L. Hoge, Louisville, Ky. Rotary engine compressor and the like. 1,904,892; Apr. 18.
- Trube, Carl E., deceased, Ossining, by S. M. Trube, Ossining, N. Y., administratrix, assignor to Hazeltine Corporation. Electric coupling system. 1,908,934; May 16.
- Trube, Sarah M., administratrix. (See Trube, Carl E.)
- Trubenbach, Walter, Bloomfield, and F. Warholic, Irvington, N. J. Toy rapid-fire gun. 1,927,424; Sept. 19.
- Trucker, Edward W., Woodhaven, N. Y. Spring-oiling device. 1,925,944; Sept. 5.
- Truckess, David E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric control system. 1,919,814; July 25.
- Truckess, Robert, Norristown, Pa. Lamp circuit. 1,927,474; Sept. 19.
- Tru Colour Film Limited. (See Townsend, Oliver A., assignor.)
- Trudeau, Leonel J. A., Waltham, Mass. Bolt and application thereof. 1,895,826; Jan. 31.
- Trudel, B., & Cie., Ltee. (See Trudel, Benoit assignor.)
- Trudel, Benoit, assignor to B. Trudel & Cie., Ltee., Montreal, Quebec, Canada. Pasteurizer. 1,941,329; Dec. 26.
- Trudwig, Friedrich, New York, N. Y. Mechanical gas valve. 1,934,020; Nov. 7.
- True, Charles H., Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Conical joint. 1,896,261; Feb. 7.
- True, Charles H., Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Injector. 1,921,444; Aug. 8.
- True, Charles H., Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Making pipe structures. 1,924,891; Aug. 29.
- True, Fred O. (See Conklin, David L., assignor.)
- True, Robert A., Peterborough, England. Liquid meter. 1,902,049; Mar. 21.
- True, Ronald. (See Oberdorfer, H. D., and True.)
- Truehauf Trailer Corporation. (See Reid, Frederick M., assignor.)
- Trueman, Walter B., Mattoon, Ill. Closure fastener. 1,905,320; Apr. 25.
- Truitt, Carter F., San Diego, Calif. Cabinet water cooler. Des. 90,740; Sept. 19.
- Truline, Incorporated. (See Smith, Lloyd A., assignor.)
- Truman, Orley H., Houston, Tex., assignor to Standard Oil Development Company. Geophysical exploration method. 1,919,917; July 25.
- Trumble, Milton J., Alhambra, and W. L. Seeley, Los Angeles, assignors to Processco, Limited, San Francisco, Calif. Petroleum and gas control apparatus. 1,912,670; June 6.
- Trumble, Milton J., Alhambra, and W. L. Seeley, Los Angeles, assignors to Process Co., Limited, San Francisco, Calif. Gas and vapor purification apparatus. 1,929,659; Oct. 10.
- Trumble, Milton J., Alhambra, and W. L. Seeley, Los Angeles, assignors to Processco, Limited, San Francisco, Calif. Gas and oil separator. 1,931,275; Oct. 17.
- Trumble, Milton J., Alhambra, and W. L. Seeley, Los Angeles, Calif., assignors to Petroleum Hydrogenation Co., Ltd. Apparatus for cracking hydrocarbons. 1,938,877; Dec. 12.
- Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Hanny, Charles E., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
- Trumbull Electric Manufacturing Company, Pacific Division. (See von Normann, Alfred G., assignor.)
- Trumbull, Harlan L., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making spliced rubber sheets. 1,899,067; Feb. 28.
- Trumbull, Harlan L., Hudson, and H. C. Howard, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Coating composition. 1,906,437; May 2.
- Trumm, Jakob, Bayville, N. Y. Salt and pepper shaker. 1,928,038; Sept. 26.
- Trump, Edward N., Syracuse, N. Y. Mining soluble salt. 1,923,896; Aug. 22.
- Trump, Edward N., Syracuse, N. Y. Centrifugal separation. 1,933,644; Nov. 7.
- Trümpler, Gottfried, Visp, assignor to the Firm of Lonza Elektrizitätswerke und Chemische Fabriken Aktiengesellschaft, Basel, Switzerland. Solidification of reaction products obtained by the action of nitric acid on phosphate of lime. 1,935,528; Nov. 14.
- Trupar Manufacturing Company. (See Dasher, Don E., assignor.)
- Trupar Manufacturing Company. (See Geiler, Frederick C., assignor.)
- Trupar Manufacturing Company. (See Lindsay, Lynn G., assignor.)
- Trupar Manufacturing Company. (See Saum, John E., assignor.)
- Truscon Steel Company. (See Hughes, Grover A., assignor.)
- Truscon Steel Co. (See MacLeod, Keith, assignor.)
- Truscon Steel Company. (See McLaughlin, Thomas E., assignor.)
- Truscon Steel Company. (See Morgan, David H., assignor.)
- Truscon Steel Company. (See Schaffert, Adolf H., assignor.)
- Truscon Steel Company. (See Schaffert, A. H., and Montgomery, assignors.)
- Truscon Steel Company. (See Schulz, Walter F., assignor.)
- Truscon Steel Company. (See White, Clarence H., assignor.)
- Truscon Steel Company. (See White, Herbert E., assignor.)
- Trusler, John, Bloomfield, N. J., assignor of one-half to L. W. Proctor, Brooklyn, N. Y. Turn shoe and making same. 1,931,399; Oct. 17.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose leaf binder and holder for writing implements. 1,904,572; Apr. 18.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Cover for books, binders, or similar articles. 1,923,646; Aug. 22.
- Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
- Trustees of Dartmouth College. (See Ames, A., jr., and Gliddon, assignors.)
- Trutner, Donald G. (See Anderson, V., and Trutner.)
- Truzzolino, John. (See Patrick, Theodore L., assignor.)
- Tryon, William, Lima, Peru. Oil burner. 1,920,446; Aug. 1.
- Tryon, William A., Elmira, N. Y. Wear compensating spring shackle. 1,908,799; May 16.
- Tryon, William A., Elmira, N. Y. Self-lubricating spring shackle. 1,933,572; Nov. 7.
- Tsavaris, John E., Tarpon Springs, Fla. Vehicle signal switch. 1,902,737; Mar. 21.
- Tschan, Ernst. (See Brandt, P., Gubler, and Tschan.)
- Tschirky, Leopold, Rosemont, Pa. Protective lining for a furnace. 1,919,048; July 18.
- Tschitschibabin, Alexei E., Paris, France, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Production of derivatives of cresol ethers. 1,933,775; Nov. 7.
- Tschochner, Hermann, Komotau, Czechoslovakia. Method and apparatus for machining rolls such as pilger rolls and the like. 1,894,899; Jan. 17.
- Tschudi, Erwin W., Baltimore, assignor to The Black & Decker Manufacturing Company, Towson, Md. Hammer. 1,898,069; Feb. 21.

- Tschulenck, Leopold, Mährisch-Ostrau-Witkowitz, Czechoslovakia. Rolling mill of the Pilgrim-step type for the manufacture of metallic tubes. 1,928,741; Oct. 3.
- Tschunkur, Eduard. (See Bock, W., and Tschunkur.)
- Tschunkur, Eduard. (See Meis, H., Klein, and Tschunkur.)
- Tschunkur, Eduard. (See Spannagel, H., and Tschunkur.)
- Tschunkur, Eduard, and W. Bock, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Artificial rubber like vulcanizates. 1,906,667; May 2.
- Tschunkur, Eduard, Cologne-Mulheim, and E. Herdieckerhoff, Opladen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing disulphides. 1,908,935; May 16.
- Tschunkur, Eduard, and W. Bock, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Tire composition. 1,911,729; May 30.
- Tschunkur, Eduard, Cologne-Mulheim, and W. Bock, Cologne-Flittard, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of synthetic rubber. 1,925,733; Nov. 21.
- Tschunkur, Eduard, and W. Bock, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rubber-like mass containing styrol polymerizates. 1,938,730; Dec. 12.
- Tschunkur, Eduard, and W. Bock, Cologne-Mulheim-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Rubberlike mass containing styrene polymerizates. 1,938,731; Dec. 12.
- Tschurn, F. (See Irber, Arthur W., assignor.)
- Tseng, Andrew T. K., assignor to Beach Laboratories, Inc., Detroit, Mich. Molded brake lining. 1,886,335; Feb. 7.
- Tsakamoto, Koichi, Paia, Territory of Hawaii. Fuse device. 1,924,632; Aug. 29.
- Tubben, Ludwig. (See Maruhn, J., and Tubben.)
- Tubbs, Earl D., New York, N. Y. Box strapping apparatus. 1,916,940; July 4.
- Tube Reducing Corporation. (See Coe, George B., assignor.)
- Tubize Chatillon Corporation. (See Bassett, H. P., and Torrence, assignors.)
- Tubize Chatillon Corporation. (See Hathorne, Berkeley L., assignor.)
- Tubize Chatillon Corporation. (See Juer, George, assignor.)
- Tuck, Arthur R. (See Kohler, Joseph H., assignor.)
- Tuck, Davis H., Norwalk, Conn., assignor to Holophane Company, Inc., New York, N. Y. Lighting fixture. Des. 91,222; Dec. 19.
- Tuck, William W., Colonial Heights, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Apparatus for conducting catalytic reactions. 1,931,636; Oct. 24.
- Tucke, Ernest F., Niles, Ohio. Roof for cars. 1,917,167; July 4.
- Tucker, Burke V., Nacogdoches, Tex. Dumping vehicle. 1,940,193; Dec. 19.
- Tucker, Frank S., Seattle, Wash. Fishing spoon. 1,938,266; Dec. 5.
- Tucker, George R., North Andover, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Dispersing asbestos and resulting product. 1,907,616; May 9.
- Tucker, George R., North Andover, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Manufacture of rubber bonded asbestos. 1,907,617; May 9.
- Tucker Gilmore Mfg. Company. (See Tucker, Jesse D., assignor.)
- Tucker, Henry T., Fort Smith, Ark. Folding table leg brace. 1,940,569; Dec. 19.
- Tucker, Herbert E., South Bend, Ind., assignor to Universal Draft Gear Attachment Co. Draft gear. 1,930,701; Oct. 17.
- Tucker, Irving, White Plains, N. Y. Electrical apparatus. 1,932,994; Oct. 31.
- Tucker, James D., Sierra Madre, Calif. Paint can and brush holder. 1,940,157; Dec. 19.
- Tucker, James L. (See Pazandak, Louis A., assignor.)
- Tucker, Jesse D., assignor to Tucker-Gilmore Mfg. Company, North Sacramento, Calif. Tap. 1,908,575; May 9.
- Tucker, Jesse D., assignor to Tucker-Gilmore Mfg. Company, North Sacramento, Calif. Reamer. 1,923,177; Aug. 22.
- Tucker, John B., Tyseley, Birmingham, England. Plug coupling for use in combination with electric switches. 1,928,916; Oct. 3.
- Tucker, John T., Berkeley, Calif. Fruit peeler. 1,905,578; Apr. 25.
- Tucker, John T., assignor to M. Lothrop, Berkeley, Calif. Can feeder. 1,894,547; Jan. 17.
- Tucker, Louis, Chicago, Ill. Combined lamp and fan. Des. 89,729; Apr. 25.
- Tucker, Milton F., Providence, R. I., assignor to Eastman Kodak Company, Rochester, N. Y. Electrical fuse plug. 1,917,407; July 11.
- Tucker, Morton, Collingswood, N. J. Weighing scale. Des. 90,899; Oct. 17.
- Tucker, Oliver M., and W. A. Reeves, Columbus, Ohio, assignors, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Method and apparatus for feeding glass. 1,908,936; May 16.
- Tucker, Robert T. (See Osterstrom, R. C., and Tucker.)
- Tucker, Spencer J., Jamaica, assignor to Edwd. F. Caldwell & Co. Inc., New York, N. Y. Lighting fixture. 1,932,297; Oct. 24.
- Tucker, Truman C., Bessemer, Ala. Combined water cooler and support therefor. 1,933,517; Oct. 31.
- Tucker, William B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary machine-prime mover power unit and method of assembling and dismantling the same. 1,923,126; Aug. 22.
- Tucker, Wilmer H., Canton, Ohio, assignor to The Hoover Company. Suction cleaner. 1,911,409; May 30.
- Tucker, Wilmer H., assignor to The Hoover Company, North Canton, Ohio. Electric vibrator. 1,925,350; Sept. 5.
- Tuckman, Louis. (See Berkstrom, H. B., Bonfils, De George, and Tuckman.)
- Tuck-Tite Lock and Fastener Company Limited. (See Widmer, Harry A., assignor.)
- Tuco Products Corporation. (See Chamberlain, Harold B., assignor.)
- Tuco Products Corporation. (See Pye, David W., assignor.)
- Tufo, Anthony T., Carthage, N. Y. Vehicle hood locking means. 1,938,267; Dec. 5.
- Tufts, Edward P., Bow, N. H. Sawmill. 1,899,448; Feb. 28.
- Tufts, Edward P., Bow, N. H. Sawmill dog. 1,905,768; Apr. 25.
- Tufts, Lesley R., East Cleveland, and A. Olson, assignors to The Cleveland Folding Machine Company, Cleveland, Ohio. Rising and falling table. 1,925,290; Sept. 5.
- Tuki, Ken, Camperdown, near Sydney, and G. Palmer, Sydney, New South Wales, Australia. Resilient-sole element for footwear. 1,929,126; Oct. 3.
- Tuley, Charles N. (See Miller, E. F., Lane, and Tuley.)
- Tuley, William F., Nutley, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Vulcanization of rubber. 1,904,573; Apr. 18.
- Tulgren, Lester. (See Heusser, J., and Tulgren.)
- Tull, Frank H. (See Messick, John C., assignor.)
- Tull, Other V., Konawa, Okla. Automatic door lock and latch. 1,939,028; Dec. 12.
- Tullgren, Herbert W., Milwaukee, Wis. Apartment house. 1,896,734; Feb. 7.
- Tullis, Amos E., Minneapolis, Minn. Artificial limb. 1,893,853; Jan. 10.
- Tullis, D. & J., Limited. (See Jack, William, assignor.)
- Tullis, David R., Sutton Coldfield and P. Oakley, Liverpool, England. Production of an aluminum alloy. 1,910,656; May 23.
- Tullis, Jasper G., assignor to The Cleveland Formgrader Company, Cleveland, Ohio. Making a road tool. 1,929,660; Oct. 10.
- Tully, Hugh C., New York, N. Y. Airplane. 1,900,473; Mar. 7.
- Tumim, Herbert R., Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Mixing device. 1,901,207; Mar. 14.
- Tung Oil Products, Inc. (See Stoddard, W. B., Gelger, and Burgess, assignors.)
- Tung-Sol Lamp Works, Inc. (See Fidler, Robert H., assignor.)
- Tunison, Arthur C., Huntington Park, assignor to Baash-Ross Tool Company, Incorporated, Los Angeles, Calif. Brake construction. 1,926,605; Sept. 12.
- Tunison, John L., assignor to Bucyrus-Monizham Company, Chicago, Ill. Excavating bucket shackle. 1,897,346; Feb. 14.
- Tunnel and Mine Machinery Company. (See Warner, A. W., and Ballard, assignors.)
- Tupper, Milo, Ducor, Calif. Wire puller. 1,907,686; May 9.
- Tupper, Russell E., Beverly, Mass. Hose supporter fastener. 1,937,926; Dec. 5.
- Turbee, Jean J., Roxbury, Mass. Automobile radiator cap. Des. 89,934; May 16.
- Turbine Patents Corporation. (See Klimek, Gustav A., assignor.)
- Turbo-Mixer Corporation, The. (See Valentine, Kenneth S., assignor.)
- Turchanyi, Ladislav, Sasshalom, near Budapest, assignor to Magyar Ruggyantarugyar Reszvenytarsasag, Budapest, Hungary. Toy. Des. 90,270; July 4.
- Turchanyi, Ladislav, Sasshalom, near Budapest, assignor to Magyar Ruggyantarugyar Reszvenytarsasag, Budapest, Hungary. Toy. Des. 90,301; July 11.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,902,597; Mar. 21.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Mfg. Company, Chicago, Ill. Calculating machine. 1,902,598; Mar. 21.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,905,579; Apr. 25.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,926,826; Sept. 12.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,926,827; Sept. 12.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,927,857; Sept. 26.

- Turek, Joseph A. V., Wilmette, Ill., and R. A. Ferris, Waterville, Conn., assignors to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 1,927,856; Sept. 26.
- Turek, Johann, Steinbach, Germany. Grinding wheel. 1,926,321; Sept. 12.
- Turek, Johann, assignor to the Firm Malsch & Ambronn, Steinbach, Germany. Receptacle for floor polishing substances and the like. 1,913,907; June 13.
- Turk, Peter, Chicago, Ill. Convertible vehicle seat. 1,898,912; Feb. 21.
- Turley, Oscar R. (See Hexco, R. B., and Turley.)
- Turman, Aileen, et al. (See Turman, Joe B., assignor.)
- Turman, Hosea B., Jr., et al. (See Turman, Joe B., assignor.)
- Turman, Joe Benton, assignor of twenty-four per cent to W. I. Gilbert, twenty-four per cent to W. I. Gilbert, Jr., twenty-two per cent to F. A. West, four per cent to J. E. Morris, twenty per cent to A. Turman, two per cent to H. B. Turman, Jr., two per cent to L. F. Turman, and two per cent to J. R. Barrick, Los Angeles, Calif. Braking apparatus. 1,907,017; May 2.
- Turman, Lewis F., et al. (See Turman, Joe B., assignor.)
- Turnbow, Grover D. (See Gray, C. E., and Turnbow.)
- Turnbow, Grover D., Davis, Calif. Milk and cream products having increased whipping properties and making same. 1,939,326; Dec. 12.
- Turnbow, Grover D., Oakland, Calif. Manufacturing frozen food products. 1,940,194; Dec. 19.
- Turnbull, George V., Chicago, Ill. Recording device. 1,936,416; Nov. 21.
- Turnbull, Harry C., Toronto, Ontario, Canada. Elevator control switch. 1,918,504; July 18.
- Turner, Barry F., Holdenville, assignor to Phillips Petroleum Company, Bartlesville, Okla. Valve lock and housing. 1,903,581; Apr. 11.
- Turner, Benjamin S., El Paso, Tex. Reconstructing metal wheels. 1,935,865; Nov. 21.
- Turner, Cameron, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating machine. 1,922,117; Aug. 15.
- Turner, Carl D., Indianapolis, Ind., assignor to The H. T. H. Corporation, Cincinnati, Ohio. Engine starter control. 1,917,817; July 11.
- Turner, Charles C., Los Angeles, Calif. Lock cap. 1,941,119; Dec. 26.
- Turner, Charles S., Detroit, Mich. Soot blower construction for superheater tubes. 1,930,782; Oct. 17.
- Turner, Dee, Hollywood, Calif. Exercising apparatus. 1,905,019; Apr. 25.
- Turner, Edward T., Dayton, Ohio. Water softening apparatus. Re18,909; Aug. 1.
- Turner, Edward T., Dayton, Ohio. Flow regulator. 1,904,337; Apr. 18.
- Turner, Edward T., Dayton, Ohio, assignor to General Water Treatment Corporation, New York, N. Y. Water softening mechanism. 1,926,505; Sept. 12.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive boiler. 1,896,058; Jan. 31.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 1,908,084; May 9.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 1,920,535; Aug. 1.
- Turner, Edwin A., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Mechanical stoker. 1,938,551; Dec. 5.
- Turner, Edwin A., New York, and C. J. Surdykowski, Tuckahoe, N. Y., assignors to Standard Stoker Company, Incorporated. Locomotive tender construction. 1,897,513; Feb. 14.
- Turner, Edwin B., Wellington, Ohio. Carrier case. 1,903,798; Apr. 18.
- Turner, Ernest A., Keston, England. Advertising and like devices. 1,899,780; Feb. 28.
- Turner, Eugene C., San Diego, Calif. Leg support for folding card tables. 1,933,882; Nov. 7.
- Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. Des. 89,935; May 16.
- Turner, Harrison I., and E. R. Freeberg, assignors to Eagle Signal Sales Corporation, Moline, Ill. Direct current switching device. 1,910,508; May 23.
- Turner, Harry W., Schenectady, N. Y., assignor to General Electric Company. Making textile material permanently flexible, weatherproof, and fire resistant. 1,901,678; Mar. 14.
- Turner, Herbert T. (See Shanley, J. S., and Turner.)
- Turner, James R., Saginaw, Mich. Valve grinding machine. 1,908,937; May 16.
- Turner, John, Hollinwood, England, assignor to Ferranti Inc., New York, N. Y. Electrical insulator bushing. 1,913,253; June 6.
- Turner, John B., Norwich, N. Y. Radiator. 1,913,573; June 13.
- Turner, John S., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stripping knife. 1,929,127; Oct. 3.
- Turner, Mabel F., Opportunity, Wash. Drinking cup. 1,941,327; Dec. 26.
- Turner, Ransom H., Auburndale, assignor to Intertype Corporation, Brooklyn, N. Y. Typographical mold. 1,901,836; Mar. 14.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin holding device for magazines. 1,907,018; May 2.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrically operating weft detecting shuttle. 1,911,730; May 30.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Mounting of detector element in shuttle for electrical weft detection. 1,912,048; May 30.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for cops and electric feeler. 1,914,625; June 20.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Guiding device for ejected shuttles. 1,937,449; Nov. 28.
- Turner, Richard T. (See Anderson, B. J., and Turner.)
- Turner, Robert B., Fowler, Kans. Inclinator. 1,924,761; Aug. 29.
- Turner, Robert P., York, Pa., assignor to New York Wire Cloth Company, New York, N. Y. Wire fabric. 1,893,830; Jan. 10.
- Turner, Robert W., Detroit, Mich. Filing cabinet. 1,910,657; May 23.
- Turner, Roy R., Houston, Tex. Broom handle. Des. 90,130; June 13.
- Turner, Simon W. H., New York, N. Y. Automobile headlight. 1,904,574; Apr. 18.
- Turner Tanning Machinery Company, The. (See Ballard, Harrie A., assignor.)
- Turner Tanning Machinery Company, The. (See Greist, P. R., and Ballard, assignors.)
- Turner Tanning Machinery Company, The. (See Jones, Albert F., assignor.)
- Turner Tanning Machinery Company, The. (See Merenda, Paul V. J., assignor.)
- Turner Tanning Machinery Company, The. (See O'Donnell, John W., assignor.)
- Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
- Turner Tanning Machinery Company, The. (See Smith, Elmer H., assignor.)
- Turner, Wellmore B., et al., executors. (See Weston, Edward B.)
- Turner, William A., and W. R. Walls, and E. E. Bryan, San Antonio, Tex. Tile support and fastener. 1,930,023; Oct. 10.
- Turner, William B., East Orange, assignor to Walker-Turner Co., Inc., Plainfield, N. J. Head casting for a drill press. Des. 91,094; Nov. 21.
- Turner, William E., Tacoma, Wash. Tracing instrument. 1,929,007; Oct. 3.
- Turner, William J., Kansas City, Mo. Pavement. 1,935,823; Nov. 21.
- Turney, William S., assignor of one-half to E. W. Crittenden, Houston, Tex. Headlight control. 1,913,096; June 6.
- Turnham, George M., Maple Plain, Minn. Excavating machine. 1,907,373; May 2.
- Turnpenny, William, Albany, and W. F. Skeats, Scotia, N. Y., assignors to General Electric Company. Electric circuit breaker. 1,918,151; July 11.
- Turnquist, Edward, assignor to Guide Lamp Corporation, Anderson, Ind. Making lamp door rims. 1,924,220; Aug. 29.
- Turnquist, Magnus, Chicago, Ill. Hinge device. 1,898,511; Feb. 21.
- Turrell, Stanley H., Glendale, Calif. Aircraft. 1,928,578; Sept. 26.
- Turrentine, John W., Washington, D. C. Decolorizing, purifying, and adsorbing agent, and making the same. 1,932,832; Oct. 31.
- Turski, Joseph F., Warsaw, Poland. Dyeing and the dyed materials produced. 1,922,463; Aug. 15.
- Tursky, Charles M., Philadelphia, assignor to Service Station Equipment Company, Conshohocken, Pa. Fluid dispensing apparatus. 1,930,668; Oct. 17.
- Turton, John. (See Pocock, L. C., Blackburn, and Turton.)
- Turturro, Nicola, New York, N. Y. Stringed musical instrument. 1,912,106; May 30.
- Tuska, Clarence D., Hartford, Conn., assignor, by mesne assignments, to Radio Corporation of America. Radio circuit receiving system. 1,925,291; Sept. 5.
- Tussing, Reginald M., Marietta, Ohio, assignor to The Victor Safe & Equipment Company, Inc., North Tonawanda, N. Y. Index tab. 1,938,944; Dec. 12.
- Tustin, Wayne C. (See Halstead, S. M., Wickland, and Tustin.)
- Tuteu, Julius, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Handle for vacuum cleaners. 1,902,472; Mar. 21.
- Tuthill Pump Company. (See Kempton, Herbert E., assignor.)
- Tuthill Spring Company. (See Moore, Harold T., assignor.)
- Tuttle, Bertha S., Boston, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Imbibition printing with pure primary colors and product. 1,900,140; Mar. 7.
- Tuttle, Bertha S., Boston, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Cleaning gelatinous surfaces and the like. 1,924,892; Aug. 29.

- Tuttle, Bertha S., Boston, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Making hardened film blanks and product. 1,939,733; Dec. 19.
- Tuttle, Clifton M. (See Altman, F. E., and Tuttle.)
- Tuttle, Clifton M. (See Jones, L. A., and Tuttle.)
- Tuttle, Clifton M., J. W. McFarlane, Rochester, and H. E. White, Yonkers, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for photographic printings. 1,912,740; June 6.
- Tuttle, Clifton M. and F. E., assignors to Eastman Kodak Company, Rochester, N. Y. Electrical control and system. 1,925,547; Sept. 5.
- Tuttle, Clifton M., and D'A. A. Young, jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 1,933,831; Nov. 7.
- Tuttle, David, Los Angeles, Calif. Doll. Des. 90,900; Oct. 17.
- Tuttle, Fordyce, assignor to Eastman Kodak Company, Rochester, N. Y. Film gate for motion picture apparatus. 1,917,408; July 11.
- Tuttle, Fordyce E. (See Tuttle, Clifton M. and F. E.)
- Tuttle, Fordyce E., and F. E. Altman, assignors to Eastman Kodak Company, Rochester, N. Y. Optical system. 1,897,874; Feb. 14.
- Tuttle, Henry A., administrator. (See Tuttle, Wallace W., and Hirvonen.)
- Tuttle, Henry W., Chicago, Ill. Machine for expressing fruit juices and the like. 1,902,738; Mar. 21.
- Tuttle, Malcolm H., New Rochelle, N. Y. Separation of mineral oil. 1,912,348; May 30.
- Tuttle, Malcolm H., New Rochelle, N. Y. Separation of mineral oil. 1,912,349; May 30.
- Tuttle Register Dust Catcher Company. (See Cross, Herman J., assignor.)
- Tuttle, Wallace W., deceased, by H. A. Tuttle, administrator, and E. Hirvonen, Detroit, Mich., assignors, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake mechanism. 1,914,986; June 20.
- Tuttle, Wayland A., West Boylston, and P. W. White, Clinton, Mass., assignors to E. C. Bowers and C. L. Feldman, receivers for Wickwire Spencer Steel Company, New York, N. Y. Link belt. 1,926,126; Sept. 12.
- Tuttle, William R., Rochester, N. Y. Display stand. Des. 89,061; Jan. 17.
- Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Cosmetic compact. 1,902,681; Mar. 21.
- Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 1,904,575; Apr. 18.
- Tutwiler, Bernard B. (See Larson, L., and Tutwiler.)
- Tverdak, Michael E., Bayonne, N. J. Strainer roof leader or light drain tube. 1,937,732; Dec. 5.
- Tweedale, Ralph L., Washington, D. C., assignor to The Hammond Clock Company, Chicago, Ill. Electric alarm clock. 1,934,387; Nov. 7.
- Twin Coach Company. (See Fageol, Frank R. and W. B., assignors.)
- Twin Coach Company. (See Fageol, William B., assignor.)
- Twin Disc Clutch Company, The. (See Pearmain, William J., assignor.)
- Twining-Scott, Inc., Ltd. (See Scott, Ray W., assignor.)
- Twiss, Douglas F. (See James, R. G., and Twiss.)
- Twiss, Douglas F. (See Murphy, E. A., James, and Twiss.)
- Twiss, Douglas F. (See Murphy, E. A., Owen, and Twiss.)
- Twiss, Douglas F., Birmingham, England, assignor to American Anode Inc., Akron, Ohio. Cathodic deposition of rubber dispersions. 1,910,579; May 23.
- Twiss, Douglas F., and E. A. Murphy, Fort Dunlop, Erdington, Birmingham, assignors to Dunlop Rubber Company, Limited, Birmingham, England. Method and apparatus for concentrating liquids. 1,898,604; Feb. 21.
- Twiss, Douglas F., Wyld Green, and W. G. Gorham, Erdington, Birmingham, England, assignors to Dunlop Rubber Company, Limited. Waterproofing composition. 1,904,576; Apr. 18.
- Twiss, Douglas F., Wyld Green, and R. G. James, Selly Oak, Birmingham, England, assignors to American Anode Incorporated, Akron, Ohio. Manufacture of articles containing rubber or similar material. 1,910,580; May 23.
- Twiss, Douglas F., and F. A. Jones, Birmingham, England, assignors to Dunlop Rubber Company Limited. Coating solid surfaces with rubber material. 1,915,808; June 27.
- Twiss, Douglas F., Wyld Green, A. E. T. Neale, Ward End, and A. S. Carpenter, Walmley, assignors to Dunlop Rubber Company, Limited, Birmingham, England. Tennis and the like playing balls. 1,921,108; Aug. 8.
- Twiss, Douglas F., F. A. Jones, and J. H. Anderson, Fort Dunlop, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Producing a rubber adhesive. 1,931,879; Oct. 24.
- Twiss, Douglas F., and E. A. Murphy, Wyld Green, assignors to Dunlop Rubber Company Limited, Birmingham, England. Manufacture of goods of rubber or similar material. 1,941,120; Dec. 26.
- Twiss, John R., New York, N. Y. Stomach tube or the like. 1,899,781; Feb. 28.
- Twiss, Paul E., Lynn, Mass., assignor to General Electric Company. Recording instrument. 1,913,176; June 6.
- Twist, Albert E., jr. (See Hughes, T. L. and Twist, jr.)
- Twist, Albert E. (See Schroeder, F. A., and Twist.)
- Twitchell, Earl W., Philadelphia, Pa. Meshwork bag. 1,906,500; May 2.
- Twitchell Process Company, The. (See Heckel, Hermann, assignor.)
- Twitchell Process Company, The. (See Myers, L. D., and Stegemeyer, assignors.)
- Twitchell Process Company, The. (See Reddish, Warren T., assignor.)
- Twitchell Process Company, The. (See Stegemeyer, L. A., and Peirce, assignors.)
- Twogood, Ralph S. (See Baxter, G. L., Strachauer, and Twogood.)
- Twogood, Ralph S., San Francisco, Calif. Cover for oil storage tanks. 1,902,108; Mar. 21.
- Twohy, Charles G., Riverside, Calif. Mechanical bottle inspecting device. 1,926,466; Sept. 12.
- Twombly, Willard O., assignor to C. T. Electric Company, Jackson, Mich. Portable electric heater. Des. 90,741; Sept. 19.
- Twombly, Willard O., assignor to C. T. Electric Company, Jackson, Mich. Temperature-control system for automotive engines. 1,925,351; Sept. 5.
- Twombly, Willard O., assignor to C. T. Electric Company, Jackson, Mich. Temperature-control system for automotive engines. 1,925,352; Sept. 5.
- Twombly, Willard O., assignor to C. T. Electric Company, Jackson, Mich. Water heater. 1,930,830; Oct. 17.
- Twomey, William W., Danville, Ill. Jack. 1,933,488; Oct. 31.
- Twomley, Herbert E., Riverside, Calif., assignor to C. B. Parker, executrix of G. D. Parker, deceased. Conveyor system. 1,901,066; Mar. 14.
- Twomley, Herbert E., assignor to C. B. Parker, Riverside, Calif., executrix of the estate of George D. Parker, deceased. Conveyor. 1,906,288; May 2.
- Twomley, Herbert E., assignor to C. B. Parker, Riverside, Calif., executrix of the estate of George D. Parker, deceased. Box strapping machine. 1,906,289; May 2.
- Twomley, Herbert E., assignor to C. B. Parker, Riverside, Calif., executrix of the estate of G. D. Parker, deceased. Extensible conveyor. 1,935,734; Nov. 21.
- Twomley, Herbert E., assignor to C. B. Parker, Riverside, Calif., executrix of the estate of G. D. Parker. Box strapping machine. 1,937,675; Dec. 5.
- Two-Way Shock Absorber Company. (See Thayer, Allan A., assignor.)
- Twyman, B., Wickliffe, South Bend, Ind. Brake testing apparatus. 1,918,219; July 11.
- Twyman, Frank, assignor to Adam Hilger, Limited, London, England. Method of and apparatus for quantitative spectrum analysis. 1,902,109; Mar. 21.
- Twyman, Frank, London, England, assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Apparatus for varying illumination. 1,930,137; Oct. 10.
- Twyman, Frank, London, England, assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 1,939,243; Dec. 12.
- Tycko, Sonia, Los Angeles, Calif. Combination fluid sipping and float device. 1,916,646; July 4.
- Tydemann, Clarence W., Englewood, assignor, by mesne assignments, to A. Oberholtz, jr., Denver, Colo. Abrasive reamer. 1,910,658; May 23.
- Tydemann, Clarence W., Englewood, assignor, by mesne assignments, to A. Oberholtz, jr., Denver, Colo. Abrasive reamer. 1,910,659; May 23.
- Tyden, Emil, Hastings, Mich. Piston ring. 1,898,797; Feb. 21.
- Tyden, Emil, Hastings, Mich. Pressure venting device for dry pipe sprinkler systems. 1,900,262; Mar. 7.
- Tyden, Emil, Hastings, Mich. Pendant sprinkler system. 1,903,150; Mar. 28.
- Tyden, Emil, Hastings, Mich. Fire protection apparatus. 1,914,223; June 13.
- Tyden, Emil, Hastings, Mich. Valve. 1,917,000; July 4.
- Tyden, Emil, Hastings, Mich. Temperature responsive device. 1,917,001; July 4.
- Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
- Tygart Valley Glass Company. (See Stewart, Edward C., assignor.)
- Tyler, Albin W., Tekoa, Wash. Multiple switch. 1,910,660; May 23.
- Tyler, Chaplin and Frank W. Parker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fertilizer manufacture. 1,894,136; Jan. 10.
- Tyler, De Witt C., Chicago, Ill. Soap dispensing apparatus. 1,905,611; Apr. 25.
- Tyler, John M. (See Van Dergrift, T. C., and Tyler.)
- Tyler, Melvin E., Baltimore, Md. Tool holder. 1,899,169; Feb. 28.
- Tyler, Orville N., Honolulu, Territory of Hawaii. Portable dispensing table. Des. 90,822; Oct. 3.
- Tyler, Ralph S., Cleveland Heights, assignor to The Chandler & Price Company, Cleveland, Ohio. Paper cutting machine. 1,937,175; Nov. 28.
- Tyler, Squire D. (See Fredrickson, A. E., and Tyler.)
- Tyler, Tracy B., Detroit, Mich., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,893,343; Jan. 3.
- Tyler, Tracy B., Detroit, Mich., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,899,369; Feb. 28.
- Tyler, W. S., Company. (See Brown, H. E., and Boehm, assignors.)

- Tyler, W. S., Company, The. (See Downer, Edward C., assignor.)
- Tyler, W. S. Company, The. (See Reynolds, Morley P., assignor.)
- Tymstra, Sybren R., Flushing, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Operating mechanism for valves. 1,922,874; Aug. 15.
- Tynan, Henry J., Ridgewood, N. J. Thread feeding mechanism. 1,922,146; Aug. 15.
- Tynan, John A., North Fond du Lac, Wis. Goggle attachment. 1,914,931; June 20.
- Typograph G. m. b. H. (See Blume, Wilhelm, assignor.)
- Typograph G. m. b. H. (See Dorneth, Julius, assignor.)
- Typograph G. m. b. H. (See Uthoff, Eduard, assignor.)
- Tyren, Ernest T. (See Addison, H. A., and Tyren.)
- Tyler, Alfred H., Toronto, Ontario, Canada, assignor to Standard Radium Corporation of America, New York, N. Y. Device for impregnating drinking water with radium emanation. 1,902,200; Mar. 21.
- Tyrer, Daniel, Norton-on-Tees, assignor to Imperial Chemical Industries, Limited, London, England. Production of sulphur from sulphur dioxide. 1,908,873; May 10.
- Tyrer, Daniel, Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Production of sulphur. 1,936,809; Nov. 28.
- Tyrrrell, Gretie, et al. (See Richter, John, assignor.)
- Tyrrrell, Ralph H. (See Qualey, W., and Tyrrrell.)
- Tyson, Frank, Canton, Ohio. Roller bearing. 1,912,023; May 30.
- Tyson, Frank, Canton, Ohio. Antifriction bearing apparatus. 1,932,236; Oct. 24.
- Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Rolling sheet metal. 1,895,299; Jan. 24.
- Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Furnace charger. 1,895,300; Jan. 24.
- Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Producing sheet metal. 1,907,019; May 2.
- Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet metal producing process. 1,907,020; May 2.
- Tyzzer, Howard J., Melrose, assignor to Electro Formation, Inc., Medford, Mass. Electrolytic condenser. 1,915,457; June 27.
- Tyzzer, Howard J., assignor to Electro Formation, Inc., Port Wayne, Ind. Electrolytic condenser. 1,934,515; Nov. 7.
- U. G. I. Contracting Company, The. (See Battin, W. I., and Chrisman, assignors.)
- U. G. I. Contracting Company. (See Bosler, Wilson T., assignor.)
- U. G. I. Contracting Company, The. (See Chrisman, Charles S., assignor.)
- U S L Battery Corporation. (See Bauer, Ernst, assignor.)
- U S L Battery Corporation. (See Kyle, George L., assignor.)
- Uher, Harold R. (See Kranz, H. W., Holden, and Uher.)
- Uda, Shukichi, Tamagawamura, Ebura District, Tokyo-Fu, and T. Okura, Koishikawaku, Tokyo, Japan, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,925,681; Sept. 5.
- Udal, John P., Selly Park, Birmingham, England. Guard for presses and other like machines. 1,906,778; May 2.
- Udell, Louis N. (See Barrett, A. M., and Udell.)
- Uden, Jacob T., New York, N. Y. Shoe dressing machine. 1,917,470; July 11.
- Uden, Jacob T., New York, N. Y. Shoe shining machine. 1,917,471; July 11.
- Udine, Fred F., Williams, assignor of one-half to George Banks, Prescott, Ariz. Combined holder and ash receiver for cigars and cigarettes. 1,923,242; Aug. 22.
- Udvary, Franz, and K. Koller, Budapest, Hungary. Grain planting and sorting machine. 1,908,085; May 9.
- Udv. George J., et al. (See Rasleigh, Thomas P. K., assignor.)
- Udy, Marvin J., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Making hexavalent chromium compounds from chromium alloys. 1,926,758; Sept. 12.
- Uebelacker, Charles F., Hackensack, N. J. Centrifugal separator. 1,928,080; Sept. 26.
- Uebermuth, Werner, Oberschoneweide, Germany, assignor to General Electric Company. Gas blast circuit breaker. 1,901,679; Mar. 14.
- Uebermuth, Werner, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Gas blast circuit interrupter. 1,904,577; Apr. 18.
- Uebermuth, Werner, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Electric circuit breaker. 1,910,136; May 23.
- Uebermuth, Werner, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Valve system. 1,912,024; May 30.
- Uebler, Bruno, Berlin, Germany. Recovery of chlorine from gas mixtures. 1,899,123; Feb. 28.
- Uebler, Bruno, Berlin, Germany. Producing nitrates. 1,918,941; July 18.
- Uecker, Milton W., Elkader, Iowa. Check file. 1,912,326; May 30.
- Uehling, Fritz F., Passaic, N. J. Automatic control apparatus. 1,934,388; Nov. 7.
- Ueki, Yoshigoro, Ebura Gun, Tokyo, Japan. Apparatus for electrically coating the bore of carbon brushes for attaching the lead wire with metal. 1,907,224; May 2.
- Ufer, Hanns, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of ethyl acetate. 1,910,818; May 23.
- Ufert, Ewald, Trenton, N. J. Parlor illumination and portable amusement device. 1,910,941; May 23.
- Ugglä, Carl H. (See Magnuson, C. A., and Ugglä.)
- Ugglä, Wilhelm R., Morby, Stockund, assignor to Luth & Rosens Elektriska Aktiebolag, Stockholm, Sweden. Geared electric driving unit. 1,909,435; May 16.
- Ugglä, Wilhelm R., Morby, assignor to Allmänna Svenska Elektriska Aktiebolaget Vasteras, Sweden. Geared electric motor. 1,913,523; June 13.
- Uhde, Friedrich. (See Bayer, Richard, assignor.)
- Uhde, Georg F., Bovinghausen, Germany, assignor to the Firm Patentverwertungs A. G. Alpina, S. A. pour L'Exploitation de Brevets Alpina, Patents Exploitation cy Alpina Ltd., Basel, Switzerland. Treating gases. 1,923,897; Aug. 22.
- Uher, Edmond, jr., Budapest, Hungary, assignor to Uher-type Aktiengesellschaft, Glarus, Switzerland. Process and apparatus for photographic type composing. 1,901,013; Mar. 14.
- Uhertype Aktiengesellschaft. (See Uher, Edmond, jr., assignor.)
- Uhl, Clement R., assignor to The Toledo Metal Furniture Company, Toledo, Ohio. Caster. 1,900,672; Mar. 7.
- Uhl, Clement R., assignor to The Toledo Metal Furniture Company, Toledo, Ohio. Glider for furniture legs. 1,903,609; Apr. 11.
- Uhl, Clement R., assignor to The Toledo Metal Furniture Company, Toledo, Ohio. Furniture top construction. 1,911,779; May 30.
- Uhl, Clement R., assignor to The Toledo Metal Furniture Company, Toledo, Ohio. Article of furniture. 1,928,801; Oct. 3.
- Uhl, Clement R., assignor to The Toledo Metal Furniture Company, Toledo, Ohio. Article of furniture. 1,937,998; Dec. 5.
- Uhlemann, Richard H. (See Simon, Arthur R. and W. R., assignors.)
- Uhlemann, Richard H. (See Uhlemann, William R., assignor.)
- Uhlemann, Richard H., Winnetka, Ill. Measuring instrument. 1,912,107; May 30.
- Uhlemann, William R., assignor of two-thirds to R. H. Uhlemann, Chicago, Ill. Glare dimmer attachment. 1,899,905; Feb. 28.
- Uhlemann, William R., Evanston, Ill. Lens mounting. 1,938,304; Dec. 5.
- Uhrer, Algernon S., Westport, Conn., and W. A. Smith, sr., Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 1,911,978; May 30.
- Uhlhorn, Walter J. (See Russell, B. B., and Uhlhorn.)
- Uhlich, Erich. (See Ballentin, W., and Uhlich.)
- Uhlich, Erich, and Walter Ballentin, genannt Mielke, Berlin-Hirschgarten, Germany. Sun and planet wheel gear. 1,899,999; Mar. 7.
- Uhlig, Johannes H. (See Sperlich, H. A., and Uhlig.)
- Uhlmann, Alfred, Berlin-Steglitz, Germany. Treating fibrous material. 1,917,168; July 4.
- Uhlmann, Richard M., Philadelphia, and J. A. Maywhort, Cheltenham, assignors to The Bilgram Machine Works, Incorporated, Philadelphia, Pa. Machine for chamfering gears. 1,928,770; Oct. 3.
- Uhrenfabrik J. Kienzle. (See Jaissle, Gottlob, assignor.)
- Uhri, William C., jr., assignor to Central Engineering & Sales Company, St. Louis, Mo. Apparatus for producing a stream of atomized liquid. 1,903,522; Apr. 11.
- Uhrich, Burns H., Independence, assignor to The Atchison Revolving Door Co., Independence, Kans. Cable lock for revolving doors. 1,904,106; Apr. 18.
- Uhrich, Burns H., assignor to The Atchison Revolving Door Co., Independence, Kans. Full collapsible panic-proof door. 1,915,172; June 20.
- Uhrig, Anna K. (See Uhrig, Katherine E. and A. K.)
- Uhrig, Katherine E. and A. K., Dayton, Ohio. Arm sling. Des. 89,417; Mar. 7.
- Uthoff, Eduard, Berlin-Charlottenburg, assignor to Typograph G. m. b. H., Berlin, Germany. Mold for matrix setting and type-line casting machines. 1,920,448; Aug. 1.
- Uthoff, Frieda M., administratrix. (See Uthoff Richard D.)
- Uthoff, Richard D., Cresskill, N. J.; F. M. Uthoff, administratrix, assignor of one-tenth to B. Webster and nine-twentieths to T. A. Dobson, New York, N. Y. Voting machine. 1,941,448; Dec. 26.
- Ukropina, Bozidar J., Los Angeles, Calif. Making concrete pipe. 1,895,740; Jan. 31.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 1,913,777; June 13.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 1,913,778; June 13.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe. 1,913,779; June 13.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 1,938,229; Dec. 5.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe making machine. 1,938,230; Dec. 5.
- Ukropina, Bozidar J., Los Angeles, Calif. Pipe making machine. 1,938,231; Dec. 5.
- Ukropina, Bozidar J., Los Angeles, Calif. Concrete pipe joint. 1,938,232; Dec. 5.
- Ulbricht, Ernst. (See Nobst, G., and Ulbricht.)

- Ulrich, Lynne, Racine, and R. J. Goodrich, South Milwaukee, Wis., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company. Purifying an anthraquinone body. 1,900,001; Mar. 7.
- Ulrey, Fred E., assignor to The Studebaker Corporation, South Bend, Ind. Shock absorber. 1,923,128; Aug. 22.
- Ulloa, Arturo C., Los Angeles, Calif. Theft-prevention device for vehicles. 1,940,380; Dec. 19.
- Ullom, Chester, et al. (See Gonsett, Robert R., assignor.)
- Ullom, Laura, et al. (See Gonsett, Robert R., assignor.)
- Ullom, Victor, et al. (See Gonsett, Robert R., assignor.)
- Ulrey, Clayton T., East Orange, N. J., assignor to Westinghouse Lamp Company. Electrical discharge device. Des. 89,418; Mar. 7.
- Ulrey, Clayton T., East Orange, N. J., assignor to Westinghouse Lamp Company. Vacuum switch. 1,929,155; Oct. 3.
- Ulrich, Anderson, Madison, Wis. Window construction. 1,923,605; Aug. 22.
- Ulrich, Arthur, Zurich, Switzerland. Soldering tool for aluminium and aluminium alloys. 1,914,054; June 13.
- Ulrich, Carl J., Minneapolis, Minn., assignor, by mesne assignments, to Kingston Products Corporation, Kokomo, Ind. Doorlock actuating mechanism. 1,901,541; Mar. 14.
- Ulrich, Carl J., assignor of one-half to P. E. Carlson, Minneapolis, Minn. Moisture responsive circuit controller. 1,940,032; Dec. 19.
- Ulrich, Charles A., Hartford, Conn. Table for saws or the like. 1,896,924; Feb. 7.
- Ulrich, Charles B., Jamestown, N. Y. Resilient grizzly and screen. 1,899,737; Feb. 28.
- Ulrich, Charles B., assignor to Art Metal Construction Company, Jamestown, N. Y. Filing structure. 1,899,837; Feb. 28.
- Ulrich, Charles B., assignor to Art Metal Construction Company, Jamestown, N. Y. Filing system and apparatus therefor. 1,929,762; Oct. 10.
- Ulrich, Fritz, Berlin-Siemensstadt, and F. Saar, Berlin-Seukolln, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Tuning. 1,926,127; Sept. 12.
- Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Sulphuric esters of glycol ethers. 1,897,741; Feb. 14.
- Ulrich, Heinrich, J. Nuesslein, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hydroxy alkyl ethers of tertiary amines and preparing same. 1,923,178; Aug. 22.
- Ulrich, Heinrich, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Treatment of textiles and agents therefor. 1,923,179; Aug. 22.
- Ulrich, Heinrich, and J. Nuesslein, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of coloring preparations and their application. 1,923,243; Aug. 22.
- Ulrich, Heinrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Urethane derivatives and a process for their production. 1,927,858; Sept. 26.
- Ulrich, Heinrich, and C. Schuster, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparation of aqueous dispersions. 1,930,845; Oct. 17.
- Ulrich, Heinrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of sulphuric esters of nitrogen-containing organic compounds. 1,931,806; Oct. 24.
- Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of urethane substances. 1,933,945; Nov. 7.
- Ulrich, Heinrich, and C. Schuster, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Washing and cleansing textile fibers. 1,935,217; Nov. 14.
- Ulrich, Henry A., Los Angeles, Calif. Steam boiler. 1,917,617; July 11.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,904,017; Apr. 18.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,905,662; Apr. 25.
- Ulrich, Max, Stuttgart, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Apparatus for making water drums of water-tube boilers. 1,898,070; Feb. 21.
- Ulrich, Max, Stuttgart, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Undulated tube and making the same. 1,913,417; June 13.
- Ulrich, Max, Stuttgart, assignor to the Firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Apparatus for making headers for water tube boilers. 1,931,242; Oct. 17.
- Ulrich, Theodore, assignor to Hupp Motor Car Corporation, Detroit, Mich. Motor vehicle construction. 1,913,524; June 13.
- Ulsh, Charles W., Garden City, N. Y. Skid platform. 1,934,389; Nov. 7.
- Ultes, Carl, assignor to The O. S. Kelly Company, Springfield, Ohio. Gasoline dispensing pump. Des. 89,365; Feb. 28.
- Ulvick, George, St. Paul, Minn. Automobile tire valve cap. 1,931,807; Oct. 24.
- Umansky, Leonid A., and C. B. Huston, Schenectady, N. Y., assignors to General Electric Company. Control system. 1,908,199; May 9.
- Umbach, Lawrence H., assignor to Universal Form Clamp Co., Chicago, Ill. Form tie for wall structures. 1,935,218; Nov. 14.
- Umbach, Lawrence H., Wilmette, and W. K. Diack, assignors to Universal Form Clamp Co., Chicago, Ill. Form tie for wall structures. 1,907,618; May 9.
- Umegaki, Sotoji, Nishi Sugamo Machine Kitatoshima Gun, and H. Hsiamatsu, Hachimandori, Shibuya Machi, Toyotama Gun, Tokyo Fu, Japan. Fastening glass. 1,920,722; Aug. 1.
- Umling, John, Ellwood City, Pa. Arrow gun. 1,907,273; May 2.
- Umstatt, William E., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 1,937,733; Dec. 5.
- Una Welding & Bonding Company. (See Weybrecht, C. A., and Parker, assignors.)
- Una Welding, Inc. (See Austin, John B., assignor.)
- Undén, Hans N., Nensjo, Sweden. Furnace for smelting the residues from evaporated waste cellulose lyes. 1,910,724; May 23.
- Underberg, Henry, assignor to Frankart, Inc., New York, N. Y. Ash tray or similar article. Des. 89,321; Feb. 21.
- Underpinning and Foundation Company. (See Goldsborough, John B., assignor.)
- Underpinning & Foundation Company. (See Raisch, W., and Wright, assignors.)
- Underwood, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Leveling bar for coke ovens. 1,937,734; Dec. 5.
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
- Underwood Elliott Fisher Company. (See Etmüller, Walter, assignor.)
- Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
- Underwood Elliott Fisher Company. (See Kurowski, Alfred G. F., assignor.)
- Underwood Elliott Fisher Company. (See Lentz, Lawrence E., assignor.)
- Underwood Elliott Fisher Company. (See Resch, Henry, assignor.)
- Underwood Elliott Fisher Company. (See Rubidge, David W., assignor.)
- Underwood Elliott Fisher Company. (See Sharpe, Arthur H., assignor.)
- Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
- Underwood Elliott Fisher Company. See Stickney, Burnham C., assignor.)
- Underwood Elliott Fisher Company. (See Thieme, Otto, assignor.)
- Underwood Elliott Fisher Company. (See Toggenburger, John, assignor.)
- Underwood Elliott Fisher Company. (See Von Reppert, Richard, assignor.)
- Underwood, Garfield J., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Fringe. 1,899,219; Feb. 28.
- Underwood, Garfield J., assignor to Mohawk Carpet Mill, Inc., Amsterdam, N. Y. Making pile fabrics. 1,902,921; Mar. 28.
- Underwood, Garfield J., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric weave. 1,926,249; Sept. 12.
- Underwood, Garfield J., and J. Crawford, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric weave. 1,926,250; Sept. 12.
- Underwood, Henry V., Belmont, N. C. Package holder for dyeing machines. 1,922,408; Aug. 15.
- Underwood, John T., Alma, Ark. Kiln. 1,921,553; Aug. 8.
- Underwood, Howard C., assignor to The S and R Folding Machine Co., Inc., New York, N. Y. Manufacturing collars. 1,934,154; Nov. 7.
- Underwood, Lawrence H., Gary, Ind., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method and apparatus for controlling the movement of counterbalanced structures. 1,928,710; Oct. 3.
- Underwood, Leo H., Walhonding, Ohio. Can and jar wrench. 1,898,409; Feb. 21.
- Underwood Machinery Company. (See Foley, Ernest L., assignor.)
- Underwood, Olan B., assignor to Bernardin Bottle Cap Co., Evansville, Ind. Device for sealing containers under vacuum. 1,913,177; June 6.
- Underwood, Walter L., and C. F. Stone, Glendale, Calif. Clear vision tube for pneumatic systems. 1,898,860; Feb. 21.
- Underwood, Weeden B., assignor to American Sterilizer Company, Erie, Pa. Washing device. 1,921,052; Aug. 8.
- Underwood, Western, Santa Monica, assignor to La Lux Manufacturing Company, Los Angeles, Calif. Core for molds. 1,900,372; Mar. 7.

- Uneon Limited. (See Soundy, Leonard H., assignor.)
- Ungelenk, Alfred, and W. Hofmann, Thuringen, Germany, assignors to General Electric Company. Device for supporting metal parts within a vacuum tube. 1,902,473; Mar. 21.
- Ungelenk, Alfred, and W. Hofmann, Thuringen, Germany, assignors to General Electric Company. Protective cover for X-ray tubes. 1,902,474; Mar. 21.
- Unger, Alfred A., Frankfurt-on-the-Main, Germany. Type-wheel typewriter. 1,931,593; Oct. 24.
- Unger, Ernest G., Brooklyn, assignor to Halliwell-Shelton Electric Corporation, New York, N. Y. Combined spindle and croquignole hair waving heater. 1,894,073; Jan. 10.
- Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Heat radiator. 1,895,947; Jan. 31.
- Unger, Oskar, Ludwigshafen-on-the-Rhine, and G. Boehner, Edingen-on-the-Neckar, Germany, assignors to General Aniline Works Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 1,927,965; Sept. 26.
- Unger, Paul O., assignor to McMillan Book Company, Syracuse, N. Y. Transfer device. 1,894,137; Jan. 10.
- Unger, Paul O., Glen Ellyn, assignor to Wilson-Jones Company, Chicago, Ill. Paper fastener. 1,895,182; Jan. 24.
- Unger, Paul O., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 1,896,872; Feb. 7.
- Unger, Paul O., assignor to McMillan Book Company, Syracuse, N. Y. Record binder. 1,909,320; May 16.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Reading stand for records and visible record binders. 1,915,138; June 20.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Automatic lock for record book metal. 1,916,396; July 4.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Card index file. 1,916,397; July 4.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Visible index device. 1,916,398; July 4.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Locking mechanism for binder posts. 1,918,438; July 18.
- Unger, Paul O., assignor to Wilson-Jones Company, Chicago, Ill. Record binder. 1,923,851; Aug. 22.
- Unger, William S. (See Brown, E. A., Jr., and Unger.)
- Ungerer, Fritz, Pforzheim, Germany. Adjusting device for plate straightening machines. 1,905,530; Apr. 25.
- Unionchem Chemikalien Handels, A. G. (See Schrauth, Walther, assignor.)
- Unionchem Chemikalien Handels A.-G. (See Stiepel, Carl, assignor.)
- Union Asbestos & Rubber Company. (See Gillies, William R., assignor.)
- Union Asbestos & Rubber Company. (See Wild, Rudolf L. R., assignor.)
- Union Bag & Paper Corporation. (See Avery, True M., assignor.)
- Union Bag and Paper Corporation. (See Avery, T. M., and Seltzinger, assignors.)
- Union Bag & Paper Corporation. (See Miller, Frederick B., assignor.)
- Union Bank of Chicago. (See Cowles, Irving, assignor.)
- Union Bank of Chicago, trustee. (See Cowles, Irving, assignor.)
- Union Bank & Trust Co. of Los Angeles, administrator. (See Delaney, John H.)
- Union Carbide Company. (See Mansfield, Ralph G., assignor.)
- Union Carbide and Carbon Research Laboratories Inc. (See Mott, C., and Spencer, assignors.)
- Union Carbide and Carbon Research Laboratories, Inc. (See Quelch, George C., assignor.)
- Union Carbide & Carbon Research Laboratories, Inc. (See Southgate, George T., assignor.)
- Union Chimique Belge, Societe Anonyme. (See Verpeaux, Paul E., assignor.)
- Union d'Electricite. (See Tinel, Georges, and Dupuis, assignors.)
- Union Drawn Steel Company. (See Kornbrath, Frederick, assignor.)
- Union Drawn Steel Company. (See Leech, Jacob T., assignor.)
- Union Guardian Trust Company, executor. (See Matheson, Martin H.)
- Union Hardware Company. (See Hoerle, William F., assignor.)
- Union Hardware Company. (See Hoerle, W. F., and Pardon, assignors.)
- Union Hardware Company. (See Mayhew, Elton C., assignor.)
- Union Lithograph Co., Inc., The. (See Cote, Raymond L., assignor.)
- Union Machinery Company. (See Marasso, Fred, assignor.)
- Union Metal Manufacturing Company. (See Frahm, C. A., and Riemenschneider, assignors.)
- Union Metal Manufacturing Company, The. (See Riemenschneider, Edmund W., assignor.)
- Union Metal Products Company. (See Gilpin, Garth G., assignor.)
- Union Metal Products Company. (See Goddinger, Carl M., assignor.)
- Union Metal Products Company. (See Kass, P., and Goodwin, assignors.)
- Union Metal Products Company. (See Schlesinger, Edgar E., assignor.)
- Union Metal Products Company. (See Small, Arthur E., assignor.)
- Union Metal Products Company. (See Tangerman, William J., assignor.)
- Union National Bank of Pittsburgh. (See McCullough, Frederick S., assignor.)
- Union Oil Company. (See Ott, Thomas F., assignor.)
- Union Oil Company of California. (See Dillon, L., and Phelps, assignors.)
- Union Oil Company of California. (See Gard, Clare D., assignor.)
- Union Oil Company of California. (See Gard, E. W., Aldridge, and Subkow, assignors.)
- Union Oil Company of California. (See Gard, E. W., and Subkow, assignors.)
- Union Oil Company of California. (See Grinnell, S. H., and Rubel, assignors.)
- Union Oil Company of California. (See Hill, Frank F., assignor.)
- Union Oil Company of California. (See Hill, F. F., and Rubel, assignors.)
- Union Oil Company of California. (See Johnston, Norris, assignor.)
- Union Oil Company of California. (See Jones, Elmer H., assignor.)
- Union Oil Company of California. (See Kuffell, George C., assignor.)
- Union Oil Company of California. (See Merrill, D. R., and Clarke, assignors.)
- Union Oil Company of California. (See Perl, J., and Schuhmann, assignors.)
- Union Oil Company of California. (See Ragatz, Edward G., assignor.)
- Union Oil Company of California. (See Subkow, Philip, assignor.)
- Union Railway Equipment Company. (See O'Connor, Arthur F., assignor.)
- Union Salt Company, The. (See Venning, F. J., and Kendall, assignors.)
- Union Selling Company. (See Osmun, Kenneth L., assignor.)
- Union Special Machine Company. (See Berger, Joseph, assignor.)
- Union Special Machine Company. (See Chipman, John S., assignor.)
- Union Special Machine Company. (See Cooper, Grover C., assignor.)
- Union Special Machine Company. (See Cooper, G. C., and Mann, assignors.)
- Union Special Machine Company. (See Hacklander, H., and Zeier, assignors.)
- Union Special Machine Company. (See Hanneman, Walter M., assignor.)
- Union Special Machine Company. (See Hanson, Nathan E., assignor.)
- Union Special Machine Company. (See Kucera, Frank A., assignor.)
- Union Special Machine Company. (See Moffatt, James R., assignor.)
- Union Special Machine Company. (See Pfeiffer, W., and Dondero, assignors.)
- Union Special Machine Company. (See Riviere, Albert S., assignor.)
- Union Special Machine Company. (See Rubel, Charles F., assignor.)
- Union Special Machine Company. (See Rubel, C. F., and Zeier, assignors.)
- Union Special Machine Company. (See Willis, Harry L., assignor.)
- Union Special Machine Company. (See Zeier, Frederick F., assignor.)
- Union Special Machine Company. (See Zeier, F. F., and Edmiston, assignors.)
- Union Special Machine Company. (See Zeier, F. F., and Stieg, assignors.)
- Union Special Maschinenfabrik, G. m. b. H. (See Lutz, Friedrich, assignor.)
- Union Special Maschinenfabrik, G. m. b. H. (See Maier, Karl, assignor.)
- Union Steam Pump Company. (See Bird, John C., assignor.)
- Union Steel Products Company. (See Bitney, Dewey H., assignor.)
- Union Steel Products Company. (See Hatch, Charles T., assignor.)
- Union Switch & Signal Company, The. (See Abernethy, Harry D., assignor.)
- Union Switch & Signal Company, The. (See Ackerly, Donald G., assignor.)
- Union Switch & Signal Company, The. (See Allen, E. M., and Brooks, assignors.)
- Union Switch & Signal Company, The. (See Ballou, Richard P., assignor.)
- Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
- Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
- Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
- Union Switch & Signal Company, The. (See Clausen, Harold C., assignor.)
- Union Switch & Signal Company, The. (See Coleman, John P., assignor.)

- Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
- Union Switch & Signal Company, The. (See Dalzell, Clarence W., assignor.)
- Union Switch & Signal Company, The. (See Devol, Lee, assignor.)
- Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)
- Union Switch & Signal Company, The. (See Geiger, Paul H., assignor.)
- Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
- Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)
- Union Switch & Signal Company, The. (See Grondahl, L. O., and Sorensen, assignors.)
- Union Switch & Signal Company, The. (See Harwig, Carl G., assignor.)
- Union Switch & Signal Company, The. (See Hines, Claude M., assignor.)
- Union Switch & Signal Company, The. (See Hovey, Mark H., assignor.)
- Union Switch & Signal Company, The. (See Howard, Lemuel F., assignor.)
- Union Switch & Signal Company, The. (See Johnston, Allan T., assignor.)
- Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)
- Union Switch & Signal Company, The. (See Laurenson, Robert M., assignor.)
- Union Switch & Signal Company, The. (See Lazich, Branko, assignor.)
- Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
- Union Switch & Signal Company, The. (See Liebel, John G. H., assignor.)
- Union Switch & Signal Company. (See Liebel, J. G. H., and Jacquet, assignors.)
- Union Switch & Signal Company, The. (See Livingston, John W., assignor.)
- Union Switch & Signal Company, The. (See Logan, John W., Jr., assignor.)
- Union Switch & Signal Company, The. (See Lucas, S. M., and Zierdt, assignors.)
- Union Switch & Signal Company The. (See Manroot, Kurt, assignor.)
- Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
- Union Switch & Signal Company, The. (See McCann, R. A., and Young, assignors.)
- Union Switch & Signal Company, The. (See McWhirter, William C., assignor.)
- Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
- Union Switch & Signal Company. (See Nicholson, Frank H., assignor.)
- Union Switch & Signal Company, The. (See Ogden, Clarence E., assignor.)
- Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
- Union Switch & Signal Company, The. (See Pelikan, J. M., and Brooks, assignors.)
- Union Switch & Signal Company. (See Peliman, J. M., and Brooks, assignors.)
- Union Switch & Signal Company, The. (See Penrod, Melvin A., assignor.)
- Union Switch & Signal Co. (See Peter, Leslie H., assignor.)
- Union Switch & Signal Company, The. (See Place, Willard P., assignor.)
- Union Switch & Signal Company, The. (See Saunders, John E., assignor.)
- Union Switch & Signal Company, The. (See Smith, William E., assignor.)
- Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
- Union Switch & Signal Company, The. (See Sorensen, A. J., and Dowling, assignors.)
- Union Switch & Signal Company, The. (See Spray, Lester E., assignor.)
- Union Switch & Signal Company, The. (See Stevens, S. A., and Ryan, assignors.)
- Union Switch & Signal Company, The. (See Stoker, Paul P., assignor.)
- Union Switch & Signal Company, The. (See Strobel, Charles K., assignor.)
- Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
- Union Switch & Signal Company, The. (See Utne, Per, assignor.)
- Union Switch & Signal Company, The. (See Utne, P., and Crooks, assignors.)
- Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
- Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
- Union Switch & Signal Company, The. (See Whitelock, Leland D., assignor.)
- Union Switch & Signal Company, The. (See Williamson, Arba G., assignor.)
- Union Switch & Signal Company, The. (See Witmer, Harold G., assignor.)
- Union Switch & Signal Company, The. (See Wood, W. A., and Machesney, assignors.)
- Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
- Union Switch & Signal Company, The. (See Young, H. S., and Dixon, assignors.)
- Union Switch & Signal Company. (See Zierdt, Conrad H., assignor.)
- Union Tank Car Company. (See Smith, A. E., and Bill, assignors.)
- Union Trust Company, The, et al., executors. (See Culbertson, Albert T., assignor.)
- Union Trust Company of Pittsburgh, The, Executor, et al. (See Culbertson, Albert L.)
- Unipress Company, The. (See Lindemann, Frederick W., assignor.)
- Unipress Company, The. (See Wilhelm, Fred C., assignor.)
- Unique Balance Co. (See Larson, Algot, assignor.)
- United Air Cleaner Corporation. (See Moulding, Thomas G., assignor.)
- United Aircraft Products, Inc. (See Bauch, William H., assignor.)
- United Aircraft Products, Inc. (See Hiester, Theodore M., assignor.)
- United American Bosch Corporation. (See Beeh, Louis, assignor.)
- United American Bosch Corporation. (See Beeh, L., and Schwarzmann, assignors.)
- United American Bosch Corporation. (See Cotter, William F., assignor.)
- United American Bosch Corporation. (See French, B. V. K., and Cohen, assignors.)
- United American Bosch Corporation. (See Gibson, Robert H., assignor.)
- United American Bosch Corporation. (See Henderson, Ken L., assignor.)
- United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
- United American Bosch Corporation. (See Kresser, Leo, assignor.)
- United American Bosch Corporation. (See Martin, John F., assignor.)
- United American Bosch Corporation. (See Schwarzmann, Wolfgang E., assignor.)
- United American Bosch Corporation. (See Vollmar, Ludwig, assignor.)
- United Autographic Register Co. (See Budlong, Robert D., assignor.)
- United Autographic Register Co. (See Euth, John E., assignor.)
- United Autographic Register Co. (See Jensen, Louis, assignor.)
- United Autographic Register Co. (See Miller, Louis J., assignor.)
- United-Carr Fastener Corporation. (See Anderson, Andrew G., assignor.)
- United-Carr Fastener Corporation. (See Carr, Moses F., assignor.)
- United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
- United-Carr Fastener Corporation. (See Hayden, Lester N., assignor.)
- United-Carr Fastener Corporation. (See Holmes, George A., assignor.)
- United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
- United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)
- United-Carr Fastener Corporation. (See Knutson, Carl L., assignor.)
- United-Carr Fastener Corporation. (See Maynard, George S., assignor.)
- United-Carr Fastener Corporation. (See Prez, Robert M., assignor.)
- United-Carr Fastener Corporation. (See Smith, Alfred J., assignor.)
- United-Carr Fastener Corporation. (See Taylor, Raymond D., assignor.)
- United-Carr Fastener Corporation. (See Upham, Preston, assignor.)
- United-Carr Fastener Corporation. (See Walker, William J., assignor.)
- United-Carr Fastener Corporation. (See Walters, Rollo F., assignor.)
- United Chromium, Inc. (See Kissel, Hermann, assignor.)
- United Dry Docks, Incorporated. (See Bates, George H., assignor.)
- United Elastic Corporation. (See Van Voorhis, George S., assignor.)
- United Elastic Corporation. (See Weidhaas, Fred A., assignor.)
- United Electric Corporation, The. (See Wolfe, John W., assignor.)
- United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
- United Engineering & Foundry Company. (See Biggert, F. C., and Ellis, assignors.)
- United Engineering & Foundry Company. (See Biggert, F. C., Jr., and Johnson, assignors.)
- United Engineering & Foundry Company. (See Biggert, F. C., Jr., and Smithans, assignors.)
- United Engineering and Foundry Company. (See Coryell, William C., assignor.)
- United Engineering & Foundry Company. (See Ellis, Robert H., assignor.)

- United Engineering & Foundry Company. (See Ewart, Hubert E., assignor.)
 United Engineering & Foundry Company. (See Hahn, Johann, assignor.)
 United Engineering & Foundry Company. (See Johnson, L., and Smitmans, assignors.)
 United Engineering & Foundry Company. (See Kohler, Kurt P., assignor.)
 United Engineering & Foundry Company. (See Reilly, E. C., and Sieger, assignors.)
 United Engineering & Foundry Company. (See Talbot, Howard H., assignor.)
 United Engineers & Constructors Inc. (See Haug, John S., assignor.)
 United Gas Gauge Company, The. (See Gaiser, Paul, assignor.)
 United Gas Improvement Company, The. (See Brady, Edward J., assignor.)
 United Gas Improvement Company, The. (See Hall, Edwin L., assignor.)
 United Gas Improvement Company, The. (See Perry, Joseph A., assignor.)
 United Gas Improvement Company, The. (See Shuman, Lawrence, assignor.)
 United Gas Improvement Company, The. (See Terzian, Harutyun G., assignor.)
 United Gas Industries, Limited. (See Simpson S., Smith, and Robinson, assignors.)
 United Glass Bottle Manufacturers Limited, The. (See Dorman, Edgar P., assignor.)
 United Glass Bottle Manufacturers Limited, The. (See Moorshead, T. C., and Hurlbut, assignors.)
 United Kingdom Optical Company. (See Culver, E., and Emerson, assignors.)
 United Kingdom Optical Company, et al. (See Silverman, Jack R., assignor.)
 United Kingdom Optical Company. (See Stanley, Nathan M., assignor.)
 United Kingdom Optical Company, Limited, et al. (See Toulmin, Harry A., jr., assignor.)
 United Mattress Machinery Company. (See Mathewson, Wilfred B., assignor.)
 United Mattress Machinery Company. (See Tervo, Oscar, assignor.)
 United Merchants & Manufacturers, Inc. (See Bauer, A., jr., and Whewell, assignors.)
 United Metal Box Co., Inc. (See Hammer, Samuel, assignor.)
 United Metal Goods Mfg. Co. Inc. (See Buhrle, Paul, assignor.)
 United Metal Goods Manufacturing Co. (See Levy, Abraham, assignor.)
 United Metal Products Company, The. (See Lawson, Gottfrid C., assignor.)
 United Milk Crate Corporation, The. (See Wildberg, Henry, assignor.)
 United Oil Manufacturing Company. (See Gebhardt, Frank C., assignor.)
 United Piece Dye Works, The. (See Megroz, Georges, assignor.)
 United Reed and Harness Company. (See Comisky, William, assignor.)
 United Research Corporation. (See Berkowitz, Michael, assignor.)
 United Research Corporation. (See Carpenter, Arthur W., assignor.)
 United Research Corporation. (See Carter, Emmett F., assignor.)
 United Research Corporation. (See Cook, Ellsworth D., assignor.)
 United Research Corporation. (See De Forest, Matthew J., assignor.)
 United Research Corporation. (See Nystrom, Martin, assignor.)
 United Research Corporation. (See Sampson, Julian B. and J. C., assignors.)
 United Research Corporation. (See Smith, Robert R., assignor.)
 United Research Corporation. (See Tichenor, Carl M., assignor.)
 United Research Corporation. (See Townsend, Ralph H., assignor.)
 United Research Corporation. (See Wolfe, Wallace V., assignor.)
 United Screw and Bolt Corporation. (See Fieg, Joseph F., assignor.)
 United Shoe Machinery Corporation. (See Adams, Oscar C., assignor.)
 United Shoe Machinery Corporation. (See Alderman, George D., assignor.)
 United Shoe Machinery Corporation. (See Allcock, Harry B., assignor.)
 United Shoe Machinery Corporation. (See Ashley, John W., assignor.)
 United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
 United Shoe Machinery Corporation. (See Ayling, Fred erick C., assignor.)
 United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
 United Shoe Machinery Corporation. (See Ballard, M. H., and McLean, assignors.)
 United Shoe Machinery Corporation. (See Bates, Arthur, assignor.)
 United Shoe Machinery Corporation. (See Baxter, William C., assignor.)
 United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
 United Shoe Machinery Corporation. (See Bertrand, Fred-eric E., assignor.)
 United Shoe Machinery Corporation. (See Bessom, Earl A., assignor.)
 United Shoe Machinery Corporation. (See Blanchard, Benjamin B., assignor.)
 United Shoe Machinery Corporation. (See Boulton, George, assignor.)
 United Shoe Machinery Corporation. (See Bradbury, Albert W., assignor.)
 United Shoe Machinery Corporation. (See Brandt, Francis L., assignor.)
 United Shoe Machinery Corporation. (See Buckminster, Ira C., assignor.)
 United Shoe Machinery Corporation. (See Bunker, Dinsmore L., assignor.)
 United Shoe Machinery Corporation. (See Byron, J. P., and Ridderstrom, assignors.)
 United Shoe Machinery Corporation. (See Cavanagh, James, assignor.)
 United Shoe Machinery Corporation. (See Cavanaugh, John F., assignor.)
 United Shoe Machinery Corporation. (See Chapin, Herbert L., assignor.)
 United Shoe Machinery Corporation. (See Cocozella, Anthony, jr., and A., assignors.)
 United Shoe Machinery Corporation. (See Coffey, John B., assignor.)
 United Shoe Machinery Corporation. (See Cosgrove, John W., assignor.)
 United Shoe Machinery Corporation. (See Crowley, John F., assignor.)
 United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
 United Shoe Machinery Corporation. (See Denne, M. T., Thwaites, and Chambers, assignors.)
 United Shoe Machinery Corporation. (See Devine, William P., assignor.)
 United Shoe Machinery Corporation. (See Dow, Harry E., assignor.)
 United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
 United Shoe Machinery Corporation. (See Eastman, Fred C., assignor.)
 United Shoe Machinery Corporation. (See Eppler, Andrew, assignor.)
 United Shoe Machinery Corporation. (See Fernald, Mark E., assignor.)
 United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
 United Shoe Machinery Corporation. (See Gifford, Floyd H., assignor.)
 United Shoe Machinery Corporation. (See Glass, Perley R., assignor.)
 United Shoe Machinery Corporation. (See Glidden, Harvey L., assignor.)
 United Shoe Machinery Corporation. (See Goddu, George, assignor.)
 United Shoe Machinery Corporation. (See Goddu, G., and Macdonald, assignors.)
 United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)
 United Shoe Machinery Corporation. (See Gouldbourn, J., and Elliott, assignors.)
 United Shoe Machinery Corporation. (See Gouldbourn, J., and Hazelton, assignors.)
 United Shoe Machinery Corporation. (See Hadaway, John B., assignor.)
 United Shoe Machinery Corporation. (See Hallam, Albert W., assignor.)
 United Shoe Machinery Corporation. (See Hallam, Harry, assignor.)
 United Shoe Machinery Corporation. (See Hamann, William, assignor.)
 United Shoe Machinery Corporation. (See Hardenbrook, Charles E., jr., assignor.)
 United Shoe Machinery Corporation. (See Harmon, Frank L., assignor.)
 United Shoe Machinery Corporation. (See Harrington, Alfred, assignor.)
 United Shoe Machinery Corporation. (See Hazelton, George, assignor.)
 United Shoe Machinery Corporation. (See Heys, George H., assignor.)
 United Shoe Machinery Corporation. (See Hill, Chester A., assignor.)
 United Shoe Machinery Corporation. (See Hodgkins, Edward F., assignor.)
 United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
 United Shoe Machinery Corporation. (See Hope, Ernest, assignor.)
 United Shoe Machinery Corporation. (See Hoppe, Otto F., assignor.)
 United Shoe Machinery Corporation. (See Jeavons, Charles F. R., assignor.)
 United Shoe Machinery Corporation. (See Johnson, Arthur S., assignor.)
 United Shoe Machinery Corporation. (See Johnson, William H., assignor.)

- United Shoe Machinery Corporation. (See Jones, Charles T., assignor.)
- United Shoe Machinery Corporation. (See Jones, John L., assignor.)
- United Shoe Machinery Corporation. (See Jones, Paul, assignor.)
- United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
- United Shoe Machinery Corporation. (See Jorgenson, Jacob C., assignor.)
- United Shoe Machinery Corporation. (See Kahlmeyer, Henry, assignor.)
- United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
- United Shoe Machinery Corporation. (See Kestell, T. A., and Burton, assignors.)
- United Shoe Machinery Corporation. (See Kinney, Fay D., assignor.)
- United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)
- United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
- United Shoe Machinery Corporation. (See La Chapelle, F. N., and Eastman, assignors.)
- United Shoe Machinery Corporation. (See Larsson, Johan E., assignor.)
- United Shoe Machinery Corporation. (See Lawson, Axel, assignor.)
- United Shoe Machinery Corporation. (See Lawson, Oscar L., assignor.)
- United Shoe Machinery Corporation. (See Lawson, Robert E., assignor.)
- United Shoe Machinery Corporation. (See Lindblad, Axel E., assignor.)
- United Shoe Machinery Corporation. (See Lineham, Rowland A., assignor.)
- United Shoe Machinery Corporation. (See Lupien, Henry B., assignor.)
- United Shoe Machinery Corporation. (See MacDonald, David B., assignor.)
- United Shoe Machinery Corporation. (See MacDonald, David B., and R. B., assignors.)
- United Shoe Machinery Corporation. (See MacDonald, Lester S., assignor.)
- United Shoe Machinery Corporation. (See MacKenzie, Fred L., assignor.)
- United Shoe Machinery Corporation. (See Macleod, A. A., and Finn, assignors.)
- United Shoe Machinery Corporation. (See Matheu, James M., assignor.)
- United Shoe Machinery Corporation. (See Mellerio, Lucien P., assignor.)
- United Shoe Machinery Corporation. (See Miller, Max C., assignor.)
- United Shoe Machinery Corporation. (See Minett, Wilfrid T., assignor.)
- United Shoe Machinery Corporation. (See Mooney, Fred L., assignor.)
- United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
- United Shoe Machinery Corporation. (See Murphy, Everett E., assignor.)
- United Shoe Machinery Corporation. (See Naugler, Walter E., assignor.)
- United Shoe Machinery Corporation. (See Nokes, Ernest S., assignor.)
- United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
- United Shoe Machinery Corporation. (See Osborne, Harold A., assignor.)
- United Shoe Machinery Corporation. (See Phelan, Merton D., assignor.)
- United Shoe Machinery Corporation. (See Pope, Elmer R., assignor.)
- United Shoe Machinery Corporation. (See Prenzel, Adam H., assignor.)
- United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
- United Shoe Machinery Corporation. (See Pym, A. F., and Johnson, assignors.)
- United Shoe Machinery Corporation. (See Pym, H. S., and Whelton, assignors.)
- United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
- United Shoe Machinery Corporation. (See Reed, William A., assignor.)
- United Shoe Machinery Corporation. (See Richards, Alfred E., assignor.)
- United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
- United Shoe Machinery Corporation. (See Ricks, F., and Towndrow, assignors.)
- United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
- United Shoe Machinery Corporation. (See Rollins, L. W., and Johnson, assignors.)
- United Shoe Machinery Corporation. (See Rowen, Thomas C., assignor.)
- United Shoe Machinery Corporation. (See Russ, Harley W., assignor.)
- United Shoe Machinery Corporation. (See Schmidt, Eckard F., assignor.)
- United Shoe Machinery Corporation. (See Schoenky, August R., assignor.)
- United Shoe Machinery Corporation. (See Schoenky, A. R., and Johnson, assignors.)
- United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
- United Shoe Machinery Corporation. (See Shaw, Wesley J., assignor.)
- United Shoe Machinery Corporation. (See Simmons, Ralph C., assignor.)
- United Shoe Machinery Corporation. (See Smith, Charles J., assignor.)
- United Shoe Machinery Corporation. (See Smith, Edwin W., assignor.)
- United Shoe Machinery Corporation. (See Smith, John, assignor.)
- United Shoe Machinery Corporation. (See Stacey, Ernest W., assignor.)
- United Shoe Machinery Corporation. (See Standish, John F., assignor.)
- United Shoe Machinery Corporation. (See Terry, Vincent G., assignor.)
- United Shoe Machinery Corporation. (See Thayer, Joseph E., assignor.)
- United Shoe Machinery Corporation. (See Thibaudau, C. E., assignor.)
- United Shoe Machinery Corporation. (See Thomas, William D., assignor.)
- United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
- United Shoe Machinery Corporation. (See Turner, Cameron, assignor.)
- United Shoe Machinery Corporation. (See Warren, Harold, assignor.)
- United Shoe Machinery Corporation. (See Webster, C. C., and Lamb, assignors.)
- United Shoe Machinery Corporation. (See Webster, Herbert R., assignor.)
- United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
- United Shoe Machinery Corporation. (See Wilson, Clarence C., assignor.)
- United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
- United Shoe Machinery Corporation. (See Woodcock, Reginald B., assignor.)
- United States Air Compressor Company, The. (See Bacher, Rollin L., assignor.)
- United States Air Compressor Company, The. (See Bacher, R. L., and Schultz, assignors.)
- United States Air Compressor Company, The. (See Pelouch, James J., assignor.)
- United States Air Compressor Company, The. (See Pelouch, J. J., and Schultz, assignors.)
- United States Air Compressor Company, The. (See Schultz, Paul I., assignor.)
- United States Appliance Corporation. (See Davis, William H. H., assignor.)
- United States Appliance Corporation. (See Kecte, Ralph M., assignor.)
- U. S. Bobbin & Shuttle Company. (See Baldwin, Luther C., assignor.)
- U. S. Bobbin & Shuttle Company 1929. (See Baldwin, Luther C.)
- U. S. Bobbin & Shuttle Company 1929. (See Park, Carl P., assignor.)
- United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
- United States Cigar Company. (See Reichard, John F., assignor.)
- U. S. Die Casting Company. (See Hanson, Emil J., assignor.)
- U. S. Electrical Manufacturing Company. (See Myers, Thomas G., assignor.)
- U. S. Electrical Manufacturing Company. (See Pfeiffer, George T., assignor.)
- United States Electrical Tool Company, The. (See Smith, John A., assignor.)
- United States Envelope Company. (See Charron, R. C. and Swift, assignors.)
- United States Envelope Company. (See Heywood, Vincent E., assignor.)
- United States Envelope Company. (See Novick, Abraham, assignor.)
- United States Envelope Company. (See Swallow, Francis P., assignor.)
- United States Envelope Company. (See Swift, Willard E., assignor.)
- United States Finishing Company. (See Powers, Donald H., assignor.)
- United States Gauge Company. (See Corcoran, Lewis L., assignor.)
- United States Gauge Company. (See Gruver, F. S., and Aschenbach, assignors.)
- United States Gauge Company. (See Klein, Maximilian, assignor.)
- United States Gauge Company. (See McClelland, Bert, assignor.)
- United States Glass Company. (See Hemple, Joseph A., assignor.)
- United States Glass Company. (See Ilgenfritz, Curtis B., assignor.)
- United States Glass Company. (See Martin, Dennis E., assignor.)
- United States Government and the People of. (See Greenbank, George R., assignor.)

- United States, Government of. (See Diamond, Harry, assignor.)
- United States, The Government of the. (See Diamond, H., and Kear, assignors.)
- United States, Government of the, et al. (See Wilkinson, Theodore S., assignor.)
- United States Gypsum Company. (See Balduf, Bruno E., assignor.)
- United States Gypsum Company. (See Balduf, B. E., and Hayes, assignors.)
- United States Gypsum Company. (See Ballard, Bernard T., assignor.)
- United States Gypsum Company. (See Birdsey, Charles R., assignor.)
- United States Gypsum Company. (See Birdsey, C. R., and Reel, assignors.)
- United States Gypsum Company. (See Brookby, Harry E., assignor.)
- United States Gypsum Company. (See Carpenter, Carroll E., assignor.)
- United States Gypsum Company. (See Chesney, Robert M., assignor.)
- United States Gypsum Company. (See Clinton, C. H., Theobald, and Stitt, assignors.)
- United States Gypsum Company. (See Coryell, William C., assignor.)
- United States Gypsum Company. (See Dailey, Manvel C., assignor.)
- United States Gypsum Company. (See Davis, W. C., and Gibson, assignors.)
- United States Gypsum Company. (See Edge, Jacob, assignor.)
- United States Gypsum Company. (See Ericson, Richard, assignor.)
- United States Gypsum Company. (See Gough, Fred J., assignor.)
- United States Gypsum Company. (See Ives, Clifford E., assignor.)
- United States Gypsum Company. (See King, George D., assignor.)
- United States Gypsum Company. (See King, G. D., and Offutt, assignors.)
- United States Gypsum Company. (See Linzell, Harry K., assignor.)
- United States Gypsum Company, The. (See Manske, Fred A., assignor.)
- United States Gypsum Company. (See Manske, F. A., Odenwaldt, and Gibson, assignors.)
- United States Gypsum Company. (See Marks, Herbert E., assignor.)
- United States Gypsum Company. (See McNeil, William M., assignor.)
- United States Gypsum Company. (See Offutt, James S., assignor.)
- United States Gypsum Company. (See Randel, Wilbur S., assignor.)
- United States Gypsum Company. (See Randel, W. S., and Dailey, assignors.)
- United States Gypsum Company. (See Reel, Herbert W., assignor.)
- United States Gypsum Company. (See Roos, Carlisle K., assignor.)
- United States Gypsum Company. (See Roos, C. K., and Ericson, assignors.)
- United States Hoffman Machinery Corporation. (See Bruckmann, P. C., Hager, and Griffith, assignors.)
- United States Hoffman Machinery Corporation. (See Card, John L., assignor.)
- United States Hoffman Machinery Corporation. (See Locke, Sanford J., assignor.)
- United States Hoffman Machinery Corporation. (See Manchester, Merle L., assignor.)
- United States Hoffman Machinery Corporation. (See Power, Thomas J., assignor.)
- United States Hoffman Machinery Corporation. (See Strobbridge, William, assignor.)
- United States Hoffman Machinery Corporation. (See Sutton, Harry G., assignor.)
- U. S. Industrial Alcohol Co. (See Hildebrandt, Frank M., assignor.)
- U. S. Industrial Alcohol Co. (See Ricard, E., and Guinot, assignors.)
- United States Machinery Corporation. (See Standish, John F., assignor.)
- U. S. Manufacturing Corporation. (See Bennett, John L., assignor.)
- United States Metals Refining Company. (See Eppenstein, William F., assignor.)
- United States Metals Refining Company. (See Summey, David L., assignor.)
- United States of America, The. (See Meissner, Alexander, assignor.)
- U. S. Phosphoric Products Corporation. (See Moore, George F., assignor.)
- United States Pipe & Foundry Company. (See Clark, Stuart B., assignor.)
- United States Pipe and Foundry Company. (See Hunt, H. S., and Arnold, assignors.)
- United States Pipe and Foundry Company. (See Langenberg, F. C., Hunt, and Reddick, assignors.)
- United States Pipe & Foundry Company. (See Lemert, Louis J., assignor.)
- U. S. Pressed Steel Company. (See Jerome, Horace M., assignor.)
- United States Printing & Lithograph Company. (See Freymann, Walter O., assignor.)
- United States Printing and Lithograph Co. (See Taylor, Arthur K., assignor.)
- United States Process Corporation. (See Heuser, Herman and R. S., assignors.)
- United States Quarry Tile Company. (See Happel, Albert, assignor.)
- United States Radiator Corporation. (See Doelman, Myron L., assignor.)
- United States Radiator Corporation. (See McIntire, James F., assignor.)
- United States Register Co. (See Truax, William T., assignor.)
- U. S. Ring Traveler Company. (See Gilligan, George H., assignor.)
- United States Rubber Company. (See Heston, Allen L., assignor.)
- United States Rubber Company. (See Shook, Florian J., assignor.)
- U. S. Sanitary Specialties Corporation. (See Koppelman, Harold I., assignor.)
- United States Sanitary Specialties Corporation. (See Seidel, Bruno W., assignor.)
- United States Shellac Importers' Association, Inc. (See Gardner, William H., assignor.)
- United States Shoe Corporation, The. (See Daniels, Ernest M., assignor.)
- U. S. Slicing Machine Company. (See Fitzpatrick, Hugh D., assignor.)
- U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
- U. S. Slicing Machine Company. (See Roetering, Bernardus G., assignor.)
- U. S. Slicing Machine Company. (See Sensow, Anton C., assignor.)
- U. S. Slicing Machine Company. (See Thomas, Henry, assignor.)
- U. S. Slicing Machine Company. (See Van Berkel, Cornelius F. M., assignor.)
- U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
- U. S. Slicing Machine Company. (See van Berkel, C. F. M., and van Duyn, assignors.)
- U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
- U. S. Slicing Machine Company. (See van Duyn, Adrianus, assignor.)
- U. S. Slicing Machine Company. (See van Hoorn, Jetze, assignor.)
- U. S. Slicing Machine Company. (See van Weenen, Franciscus L., assignor.)
- U. S. Slicing Machine Company. (See Woodington, John N., assignor.)
- United States Smelting, Refining & Mining Company. (See Clevenger, Galen H., assignor.)
- United States Smelting, Refining & Mining Company. (See Colcord, F. F., and Mulligan, assignors.)
- United States Smelting, Refining & Mining Company. (See Mathers, F. C., and Bateman, assignors.)
- United States Steel Corporation. (See Abron, Robert H., assignor.)
- United States Steel Corporation. (See Bain, E. C., and Davenport, assignors.)
- United States Steel Corporation. (See Johnston, John, assignor.)
- United States Steel Corporation. (See Johnston, J., and Lee, assignors.)
- United States Tobacco Company. (See De Voe, John M., assignor.)
- United States Tobacco Company. (See Thom, James C., assignor.)
- United States Wind Engine & Pump Company. (See Wenberg, Oscar A., assignor.)
- United Steel and Wire Company. (See Jarvis, Charles H., assignor.)
- United Superior Union Company, Inc. (See Smith, S. N., and Bemies, assignors.)
- United Verde Copper Company. (See Baum, Kenneth M., assignor.)
- United Verde Copper Company. (See Fowler, Morris G., assignor.)
- United Verde Copper Company. (See Fowler, M. G., Kuzell, and Ralston, assignors.)
- United Verde Copper Company. (See Kuzell, Charles R., assignor.)
- United Verde Copper Company. (See Ralston, O. C., and Baum, assignors.)
- United Verde Copper Company. (See Ralston, O. C., and Fowler, assignors.)
- Universal Alloys, Incorporated, et al. (See Grenagle, James B., assignor.)
- Universal Battery Company. (See Watkins, Roy O., assignor.)
- Universal Button Fastening & Button Company. (See Clark, John M., assignor.)
- Universal Button Fastening and Button Company. (See Clark, J. M., and Ford, assignors.)
- Universal Button Fastening & Button Company. (See Ford, Ira D., assignor.)
- Universal Camera Corporation. (See Githens, Otto W., assignor.)
- Universal Clay Products Company, The. (See Hobert, Leroy F., assignor.)

- Universal Crane Company, The. (See Deucher, Eugene G., assignor.)
- Universal Draft Gear Attachment Co. (See Bartsch, Herbert E., assignor.)
- Universal Draft Gear Attachment Co. (See Camp, Percy E., assignor.)
- Universal Draft Gear Attachment Company. (See Fitz Gerald, Martin E., assignor.)
- Universal Draft Gear Attachment Co. (See Hall, Joseph M., assignor.)
- Universal Draft Gear Attachment Co. (See Nash, Charles J., assignor.)
- Universal Draft Gear Attachment Company. (See Newman, William A., assignor.)
- Universal Draft Gear Attachment Co. (See Sproul, Donald F., assignor.)
- Universal Draft Gear Attachment Co. (See Tucker, Herbert E., assignor.)
- Universal Draft Gear Attachment Co. (See Wilson, Jack, assignor.)
- Universal Draft Gear Attachment Co. (See Wrigley, Henry I., assignor.)
- Universal Form Clamp Co. (See Bauman, William T., assignor.)
- Universal Form Clamp Co. (See Lampert, Lydia, assignor.)
- Universal Form Clamp Co. (See Umbach, Lawrence H., assignor.)
- Universal Form Clamp Co. (See Umbach, L. H., and Dick, assignors.)
- Universal Gear Corporation. (See Potgieter, Fred M., assignor.)
- Universal Gear Shift Corporation. (See Hodgkins, Albert A., assignor.)
- Universal Gypsum & Lime Co. (See Jeffrey, D. C., and Wolfe, assignors.)
- Universal Home Specialties, Inc. (See Jonas, Edward, assignor.)
- Universal Hydraulic Corporation. (See Kinzie, Philip A., assignor.)
- Universal Hydraulic Corporation. (See McClellan, L. N., Kinzie, Savage, and Day, assignors.)
- Universal Match Corporation. (See Rosenberg, Adolph H., assignor.)
- Universal Milking Machine Company. (See Schmitt, John A., assignor.)
- Universal Oil Producers Company. (See Day, Roland B., assignor.)
- Universal Oil Products Company. (See Alther, Joseph G., assignor.)
- Universal Oil Products Company. (See Angell, Charles H., assignor.)
- Universal Oil Products Company. (See Barnes, Marion W., assignor.)
- Universal Oil Products Company. (See Behrens, Fred B., assignor.)
- Universal Oil Products Company. (See Bergman, Donald J., assignor.)
- Universal Oil Products Company. (See Bockman, George A., assignor.)
- Universal Oil Products Company. (See Brandt, Ralph H., assignor.)
- Universal Oil Products Company. (See Connolly, Arthur G., assignor.)
- Universal Oil Products Company. (See Cook, Ralph C., assignor.)
- Universal Oil Products Company. (See Davis, Richard F., assignor.)
- Universal Oil Products Company. (See Day, Roland B., assignor.)
- Universal Oil Products Company. (See Delattre-Seguy, Jean, assignor.)
- Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
- Universal Oil Products Company. (See Egloff, Gustav, assignor.)
- Universal Oil Products Company. (See Egloff, G., and Lowry, assignors.)
- Universal Oil Products Company. (See Egloff, G., and Mekler, assignors.)
- Universal Oil Products Company. (See Fairchild, Oscar H., assignor.)
- Universal Oil Products Company. (See Fisher, Alfred, assignor.)
- Universal Oil Products Company. (See Fisher, Teddy B., assignor.)
- Universal Oil Products Company. (See Halle, Hiram J., assignor.)
- Universal Oil Products Company. (See Held, Jacob B., assignor.)
- Universal Oil Products Company. (See Howard, William R., assignor.)
- Universal Oil Products Company. (See Huff, Hugo F., assignor.)
- Universal Oil Products Company. (See Huff, Lyman C., assignor.)
- Universal Oil Products Company. (See Lowry, C. D., Jr., and Dryer, assignors.)
- Universal Oil Products Company. (See McAdams, William H., assignor.)
- Universal Oil Products Company. (See Mekler, Lev A., assignor.)
- Universal Oil Products Company. (See Miller, James S., assignor.)
- Universal Oil Products Company. (See Morrell, Jacques C., assignor.)
- Universal Oil Products Company. (See Morrell, J. C., and Alther, assignors.)
- Universal Oil Products Company. (See Morrell, J. C., and Egloff, assignors.)
- Universal Oil Products Company. (See Nagel, Robert E., assignor.)
- Universal Oil Products Company. (See Nekler, Lev A., assignor.)
- Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
- Universal Oil Products Company. (See Perelis, Walter J., assignor.)
- Universal Oil Products Company. (See Pines, Herman, assignor.)
- Universal Oil Products Company. (See Pollock, Robert T., assignor.)
- Universal Oil Products Company. (See Seguy, Jean D., assignor.)
- Universal Oil Products Company. (See Sumpter, Mayfield C., assignor.)
- Universal Oil Products Company. (See Tears, Claude F., assignor.)
- Universal Oil Products Company. (See Van Heeden, Arthur P., assignor.)
- Universal Oil Products Company. (See Weber, Harold C., assignor.)
- Universal Oil Products Company. (See Weber, H. C., and McAdams, assignors.)
- Universal Oil Products Company. (See Wenzer, Leonard, assignor.)
- Universal Oil Seal Company. (See Nelson, Victor E., assignor.)
- Universal Optical Corporation. (See Beattey, Earle J. R., assignor.)
- Universal Optical Corporation. (See Bosworth, Thomas E., assignor.)
- Universal Optical Corporation. (See Marciano, Frank G., assignor.)
- Universal Optical Corporation. (See Nelson, John N., assignor.)
- Universal Patents Holding Company. (See Peters, Henry, assignor.)
- Universal Patents (Proprietary) Limited. (See Lean, Henry J., assignor.)
- Universal Pictures Corporation. (See Hunter, C. R., and Pierce, assignors.)
- Universal Pictures Corporation. (See Smith, C. C., Hunter, and Pierce, assignors.)
- Universal Playground Equipment Company. (See Lahay, Dell J., assignor.)
- Universal Products Company. (See Huff, Lyman C., assignor.)
- Universal Products Company, The. (See Warner, Archibald A., assignor.)
- Universal Products Company. (See Yeomans, Lucien I., assignor.)
- Universal Products Machine Company. (See Bracht, Henry, assignor.)
- Universal Stamping & Mfg. Co. (See Monson, A. A., and Shapiro, assignors.)
- Universal Stamping Mfg. Co. (See Shapiro, Abraham, assignor.)
- Universal Winding Company. (See Anderson, Johan A., assignor.)
- Universal Winding Company. (See Marcroft, William, assignor.)
- Universal Winding Company. (See Parks, Edward F., assignor.)
- Universal Winding Company. (See Reece, Franklin A., assignor.)
- Universal Winding Company. (See Swanson, Ernest R., assignor.)
- Universal Window Company. (See Wiley, Esmond F., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Company. (See Bollmann, Georg, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Company. (See Berger, Martin, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Hohn, Max P. E., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Company. (See Jähne, Ernst H., assignor.)
- Universelle Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Lied, Otto, assignor.)
- Universelle Cigarettenmaschinen-Fabrik, J. C. Muller & Co. (See Muller, Carl W., assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik, J. C. Müller & Co. (See Neff, Johannes, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Rösler, Richard E., assignor.)
- Universelle Cigarettenmaschinen-Fabrik, J. C. Muller & Co. (See Schmiedel, Johannes, assignor.)
- "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Schneider, Willi F., assignor.)
- Universelle Cigarettenmaschinen-Fabrik, J. C. Mueller & Co. (See Stelzer, Franz H. B., assignor.)
- University of Cincinnati, Board of Directors of the. (See Kersten, Harold J., assignor.)
- Univis Corporation, The, et al. (See Silverman, Jack R., assignor.)
- Univis Corporation, The. (See Toulmin, Harry A., Jr., assignor.)

- Unke, Herman A., Cleveland, Ohio. Pipe joint. 1,920,449; Aug. 1.
- Unkefer, George R., Chicago, Ill. Lure. 1,921,176; Aug. 8.
- Unkle, Charles W., and H. C. McNaghten, Baltimore, Ohio. Rubbish separator for stock for paper mills. 1,935,461; Nov. 14.
- Unkles, Edward H., Weehawken, N. J., assignor to Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Tape puller. 1,900,421; Mar. 7.
- Unruh, Cornelius C., Freeman, S. Dak., assignor, by mesne assignments, to The Meadows Manufacturing Company. Dolly for washing machines. Re18,928; Aug. 29.
- Unsing, Philip H., Maplewood, N. J. Safety razor blade sharpener. 1,936,075; Nov. 21.
- Unsing, Philip H., Maplewood, N. J. Package for safety razor blades. 1,936,076; Nov. 21.
- Upham, Preston, Brookline, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener. 1,896,873; Feb. 7.
- Upham, Preston, Brookline, Mass., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,929,195; Oct. 3.
- Uphoff, Leslie S., Little Falls, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changer. 1,934,390; Nov. 7.
- Uphoff, Leslie S., Little Falls, N. J., and C. H. Rumpel, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photo electric system. 1,912,415; June 6.
- Upper, Norman L. (See Stear, Lawrence E., assignor.)
- Upperco-Burnelli Corporation. (See Burnelli, Vincent J., assignor.)
- Upperco Corporation. (See Chilton, Roland, assignor.)
- Upright, Ralph E. (See Swartz, L. L., and Upright.)
- Upright, Ralph E., and J. H. Gilmor, San Fernando, Calif. Orchard heater cover. 1,925,682; Sept. 5.
- Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Insulating material and making the same. 1,901,999; Mar. 21.
- Upson Company, The. (See Spencer, Hugh M., assignor.)
- Upson Company, The. (See Upson, Charles A., assignor.)
- Upson Company, The. (See Winter, Otto R., assignor.)
- Upson, Maxwell M., Englewood, N. J. Treating refuse and making building material therefrom. 1,936,810; Nov. 28.
- Upson, Maxwell M., Englewood, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Pile forming apparatus. 1,912,108; May 30.
- Upson, Ralph H., Red Bank, N. J. Aircraft control means. 1,935,824; Nov. 21.
- Upstarter Company. (See Ronaldson, Robert T., assignor.)
- Upton, Charles B., Piqua, Ohio. Press cage. 1,916,347; July 4.
- Ural-Maschinen-Vertriebsgesellschaft m. b. H. (See Meyer, Friedrich W., assignor.)
- Urbach, Henry H., and H. A. Bell, Lincoln, Nebr., assignors of one-third to Wilson Engineering Corporation. Locomotive spark eliminator. 1,939,789; Dec. 19.
- Urbain, Leon F., Chicago, assignor to H. B. Jones, Du Quoin, Ill. Correspondence book. 1,941,236; Dec. 26.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification process. 1,892,972; Jan. 3.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Removal of colloids from liquids. 1,909,436; May 16.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Flocculating negatively charged emulsoids from a disperse medium. 1,915,039; June 20.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Flocculating positively charged emulsoids from a disperse medium. 1,915,040; June 20.
- Urbain, Oliver M., Columbus, assignor to Charles H. Lewis, Harpster, Ohio. Removing emulsoids from water solutions. 1,922,464; Aug. 15.
- Urbain, Oliver M., Columbus, assignor to Charles H. Lewis, Harpster, Ohio. Removing all forms of polluting substances from liquids. 1,928,398; Sept. 26.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Treating water solutions. 1,928,399; Sept. 26.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Water purification. 1,928,400; Sept. 26.
- Urbain, Oliver M., Columbus, assignor to Charles H. Lewis, Harpster, Ohio. Increasing efficiency of adsorbents. 1,935,961; Nov. 21.
- Urbain, Oliver M., Columbus, assignor to Charles H. Lewis, Harpster, Ohio. Increasing the charge and cataphoretic velocity of colloids. 1,935,962; Nov. 21.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Purification of polluted water. 1,935,963; Nov. 21.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Purification of polluted water. 1,935,964; Nov. 21.
- Urban, Charles C., Indianapolis, Ind. Mortising tool. 1,918,067; July 11.
- Urbana Coke Corporation. (See Parr, S. W., and Layng, assignors.)
- Urbanek, Charles A., Chicago, Ill. Service station or the like. Des. 91,044; Nov. 14.
- Urbanek, Julius, Vienna, Austria, and A. Schneider, Dusseldorf, Germany. Cushioning mechanism for power hammers. 1,893,187; Jan. 3.
- Urbanek, Julius, Vienna, Austria, and A. Schneider, Dusseldorf, Germany. Hydraulic brake for drop hammers. 1,918,354; July 18.
- Urbasch, Ottokar. (See Bendlin, R., and Urbasch.)
- Urch, Raymond G., assignor to L. H. Mattingly, Allegan, Mich. Making a universal joint. 1,908,086; May 9.
- Urech, Ernest. (See Miescher, K., and Urech.)
- Urfer, Adolf. (See Colvin, C. H., and Urfer.)
- Urfer, Adolf, Richmond Hill, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Electrical apparatus. 1,932,329; Oct. 24.
- Urfer, Adolf, Richmond Hill, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Sensitive altimeter. 1,933,195; Oct. 31.
- Urfer, Adolf, Richmond Hill, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Indicating angular movements. 1,939,375; Dec. 12.
- Urfer, Adolf, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Compensator. 1,933,194; Oct. 31.
- Urfer, Adolf, assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Liquid compass. 1,939,374; Dec. 12.
- Urfer, Adolf, Richmond Hill, and P. W. Koch, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Aircraft steering system. 1,932,330; Oct. 24.
- Urich, Moritz, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Vapor discharge device. 1,902,110; Mar. 21.
- Urquhart, George G., Cynwyd, and A. C. Jones, Conshohocken, Pa., assignors to American Fomon Company, Philadelphia, Pa. Foam stabilizer. 1,922,510; Aug. 15.
- Urquhart, Kenneth M., Norfolk, Va. Cooler for cooling oil. 1,909,556; May 16.
- Urquhart, Kenneth M., Norfolk, Va. Bubble cap. 1,918,005; July 11.
- Urschel, Bertis H., Bowling Green, assignor to Urschel Engineering Company, Toledo, Ohio. Tubular bearing supporting structure. 1,906,290; May 2.
- Urschel, Bertis H., Bowling Green, assignor to Urschel Engineering Company, Toledo, Ohio. Forming an axle. 1,913,464; June 13.
- Urschel Engineering Company. (See Urschel, Bertis H., assignor.)
- Urschel, William E., Valparaiso, Ind. Beet harvester. 1,894,802; Jan. 17.
- Urschel, William E., Valparaiso, Ind. Harvesting machine. 1,905,194; Apr. 25.
- Urschel, William E., Valparaiso, Ind. Vegetable peeler. 1,926,705; Sept. 12.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for valve transmitters connected with a load-equalizing tube. 1,906,501; May 2.
- Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Superregenerative receiver. 1,931,950; Oct. 24.
- Uschman, Carl W., Schenectady, and H. W. Hartman, Scotia, N. Y., assignors to General Electric Company. Soldering apparatus. 1,893,380; Jan. 3.
- Usdan, David. (See Hacker, Emanuel M., assignor.)
- Usener, John F., jr. (See Usener, John F., sr., and J. F., jr.)
- Usener, John F., sr., and J. F. Usener, jr., Houston, Tex. Automatic power factor control for synchronous motor generators. 1,917,618; July 11.
- Usher, David T., deceased, Mount Airy, N. C.; G. B. Usher administratrix. Fruit and vegetable container. 1,903,647; Apr. 11.
- Usher, Geraldine B., administratrix. (See Usher, David T.)
- Usines de Melle. (See Guinot, Henri, assignor.)
- Usselman, George L., assignor to Radio Corporation of America, Port Jefferson, N. Y. Oscillation generator. 1,934,213; Nov. 7.
- Utah Poultry Producers Cooperative Association. (See Johnston, John A., assignor.)
- Utah Radio Products Co. (See Barrett, Edward L., assignor.)
- Utah Radio Products Company. (See Keogh, Raymond J., assignor.)
- Utah Royalty Corporation. (See McCaskell, Jasper A., assignor.)
- Utah Royalty Corporation. (See Rider, Rowland W., assignor.)
- Utege, Hermann, Metallwaren G. m. b. H. (See Bosshardt, Karl, assignor.)
- Utilities Service Company. (See Miller, Herbert E., assignor.)
- Utility Coin Machine Co. (See Frary, Eugene E., assignor.)
- Utility Manufacturing Company. (See Hutchens, Edward, assignor.)
- Utkov, Aldo. (See Jensen, C. L. E., Utkov, and Warmington.)
- Utle, Arthur B., Springfield, Mo. Sewer cleaner. 1,918,353; July 18.
- Utle, Charles J. (See See, F., and Utle.)
- Utle, Frederic D. (See Fuller, Judson E., assignor.)
- Utne, Per, Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 1,908,800; May 16.

- Utne, Per and R. K. Crooks, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 1,912,924; June 6.
- Utterback, Fred C., Arlington Heights, and G. W. Warlick, Harvey, Ill. Automatic gas shut-off valve. 1,917,619; July 11.
- Uvalde Rock Asphalt Company. (See Alvey, Glenn H., assignor.)
- V. D. Limited. (See Black, William F., assignor.)
- V. d. Luft, Oscar, Mount Lebanon, assignor, by mesne assignments, to The Selden Research & Engineering Corporation, Pittsburgh, Pa. Production of catalysts. 1,896,320; Feb. 7.
- V. Soden-Fraunhofen, Alfred G., assignor to Zahnrad-fabrik Aktiengesellschaft, Friedrichshafen, Germany. Claw coupling. 1,907,619; May 9.
- V. Türkenburg, Felix R. K., Berlin-Mahlsdorf, Germany. Mercury vapor lamp. 1,896,651; Feb. 7.
- V-W Ventilator Company, The. (See Prindle, William E., assignor.)
- Vaage, Emil F., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. System for improving the shielding effect of ground wires and shield wires. 1,938,732; Dec. 12.
- Vaars, Eugene P. (See Vaars, H. J., jr., and E. P.)
- Vaars, Henry J., jr., and E. P., Robbinsdale, Minn. Plant support. 1,911,979; May 30.
- Vaccaro, Thomas, Los Angeles, Calif. Garment. 1,912,327; May 30.
- Vacher, John, assignor to The American Mills Company, Waterbury, Conn. Automatic tension mechanism for strands, etc. 1,904,394; Apr. 13.
- Vachon, Lewis W., assignor to P. E. Holt, Stockton, Calif. Lawn mower. 1,917,782; July 11.
- Vachris, John B. (See Blutworth, T. F., Blaisdell, and Vachris.)
- Vacuum Gauge Company. (See Moise, H. D., and Beall, assignors.)
- Vacuum Oil Company. (See Conn, William G., assignor.)
- Vacuum Oil Company. (See Hutt, Albert E., assignor.)
- Vacuum Oil Company. (See Seymour, Edward D., assignor.)
- Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
- Vacuum Packing Corporation. (See Ronzone, David B., assignor.)
- Vadnais, Alexander H. (See Chapman, A. B., and Vadnais.)
- Vadset, Johan G., Stavanger, Norway. Rudder for sea-going vessels. 1,900,848; Mar. 7.
- Vaghelatos, James, Toledo, Ohio. Hair waver. 1,894,431; Jan. 17.
- Vagler, Gertrude, Brooklyn, N. Y., assignor to Sulloway Mills, Franklin, N. H. Machine for uniting looped fabrics. 1,923,005; Aug. 15.
- Vahle, Edgar W., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Liquid dispensing apparatus. 1,901,480; Mar. 14.
- Vahlkamp, William E., Wayne, Nebr. Poultry feeder. 1,920,536; Aug. 1.
- Vail, Walter E. (See Larson, A. T., and Vail.)
- Vail, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of formic acid. 1,895,238; Jan. 24.
- Vail, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aliphatic carboxylic acids from olefinic hydrocarbons, carbon monoxide and steam. 1,924,764; Aug. 29.
- Vaile, Pembroke A., assignor of one-half to S. Clark, Chicago, Ill. Airplane wing construction. 1,896,336; Feb. 7.
- Vaile, Pembroke A., Chicago, assignor of one-half to L. T. Greist, Lake Forest, Ill. Emergency submarine communication. 1,909,437; May 16.
- Vailes, Maurice G., assignor to Powermor Utilities, Corporation, New York, N. Y. Spark plug cleaning apparatus. 1,930,115; Oct. 10.
- Vaisset, Victor R. (See Dreyfus-Rose, Said Rose, Emile, and Vaisset.)
- Valdastri, Mario, Honolulu, Hawaii. Plastic acoustic pulp. 1,932,807; Oct. 31.
- Vale, Baldwin. (See Kormann, F. A., and Milliff, assignors.)
- Valenta, Frank, Maywood, Ill. Clinker remover. 1,910,725; May 23.
- Valentine, C. W., P. N. Ottersland, and G. A. Fairbanks, assignors to The Bagley and Sewall Company, Watertown, N. Y. Driving mechanism. 1,913,525; June 13.
- Valentine, Frank A., Apponaug, assignor to Henry L. Scott Company, Providence, R. I. Resetting mechanism for testing machines. 1,911,006; May 23.
- Valentine, Frank A., Apponaug, assignor to Henry L. Scott Company, Providence, R. I. Testing machine. 1,935,421; Nov. 14.
- Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Short cycle annealing process for producing malleable iron. 1,902,475; Mar. 21.
- Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Short cycle annealing process for off-composition white iron castings. 1,925,855; Sept. 5.
- Valentine, Kenneth S., Hollis, assignor to The Turbo-Mixer Corporation, New York, N. Y. Mixing apparatus. 1,908,002; May 9.
- Valentine, Lawrence F., et al. (See Gillespie, Homer L., assignor.)
- Valentine, Loyd L., Hamburg, Iowa. Heat regulators for electric irons. 1,934,894; Nov. 14.
- Valentine, Octave L., assignor, by mesne assignments, to The Bay Company, Bridgeport, Conn. Bandage selvaging machine. 1,909,027; May 16.
- Valentine, Percy W., Natick, Mass. Compound innersole for welt shoes. 1,896,531; Feb. 7.
- Valentine, Warren P., Line Lexington, Pa. Internal combustion engine. 1,912,604; June 6.
- Valentine, Warren P., Line Lexington, assignor to National Transit Pump & Machine Company, Oil City, Pa. Fluid pressure pump. 1,902,345; Mar. 21.
- Valentine, Warren P., Line Lexington, assignor to National Transit Pump & Machine Company, Oil City, Pa. Pump. 1,930,293; Oct. 10.
- Valentine, Warren P., Line Lexington, assignor to National Transit Pump & Machine Company, Oil City, Pa. Pumping system for grease. 1,930,294; Oct. 10.
- Valiquette, Joseph E., Webbwood, Ontario, Canada. Motor sled. 1,900,315; Mar. 7.
- Valiquette, William L., assignor to The Harris-Seybold-Potter Company, Dayton, Ohio. Paper cutting and trimming mechanism. 1,907,903; May 9.
- Valk, James, Larned, Kans. Advertising sign. 1,906,668; May 2.
- Valko, John, Aguilar, Colo. Attachment for preventing buckling of coal conveyor troughs. 1,903,205; Mar. 28.
- Vallas, Lionel, Chicago, Ill. Roof flashing. 1,905,017; Apr. 25.
- Valle, Alarico. (See Seidler, Carl, assignor.)
- Vallée, Armand J., Albany, assignor to Signal Accessories Corporation, Utica, N. Y. Solderless rail terminal. 1,906,673; May 2.
- Vallee, Robert R., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Method and composition for tar removal. 1,913,647; June 13.
- Vallee, Robert R., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Composition and method for the relative freeing and lubricating of engaging surfaces. 1,926,961; Sept. 12.
- Vallen, Earl J., Akron, Ohio. Mask for moving picture screens. 1,904,963; Apr. 18.
- Vallet, Victor E. (See Oliver, C. B., and Vallet.)
- Valley Forge Cement Company. (See Breerwood, Charles H., assignor.)
- Vallone, Charles, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Holder for socket wrench sets. 1,908,938; May 16.
- Vallone, Charles, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Tool-holder or tool set. 1,917,409; July 11.
- Vallone, Charles, and J. H. Illig, assignors to Barcalo Manufacturing Company, Buffalo, N. Y. Broaching machine. 1,938,233; Dec. 5.
- Valmore, William S., Mansfield, Ohio. Igniter and control device for ovens. 1,926,218; Sept. 12.
- Valmore, William S., Mansfield, Ohio. Safety device and control for gas burners. 1,936,001; Nov. 21.
- Valpey, Henry H., Dearborn, assignor to Long Manufacturing Company, Detroit, Mich. Clutch gauge. 1,935,678; Nov. 21.
- Valtier, Ralph P., New York, N. Y., assignor to H. W. Shonnard, Montclair, N. J. Moving stairway landing. 1,919,049; July 18.
- Valverde, Robert, New York, N. Y. Sealing containers under predetermined pressures. 1,911,410; May 30.
- Valway Rugs Mills, Incorporated. (See Gladish, John M., assignor.)
- Vanace, William P., Troy, N. Y. Support for garments. 1,939,327; Dec. 12.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 1,908,464; May 9.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 1,908,576; May 9.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Recovery of hydrocarbon oils. 1,916,349; July 4.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Gas producer. 1,924,820; Aug. 29.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 1,928,607; Sept. 26.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Gas producer. 1,928,608; Sept. 26.
- Van Ackeren, Joseph, O'Hara Township, Allegheny County, Pa., assignor to The Koppers Company of Delaware. Sulphate drier. 1,936,866; Nov. 28.
- Van Ackeren, Joseph, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Coking retort oven. 1,916,348; July 4.
- Van Ackeren, Joseph, Pittsburgh, Pa., assignor to The Koppers Company of Delaware. Apparatus for producing gas in coke ovens. 1,924,819; Aug. 29.
- Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to The Koppers Company of Delaware, Pittsburgh, Pa. Gas producer. 1,928,609; Sept. 26.
- Vanadium-Alloys Steel Company. (See Gill, James P., assignor.)

- Van Alsburg, Jerold H., assignor to Hart & Cooley, Mfg. Co., Holland, Mich. Automatic heat control means. 1,937,610; Dec. 5.
- Van Aist, John W., Ridgewood, N. J. Nonslippable shoe tongue. 1,915,110; June 20.
- Van Alstine, Bonnie E., San Francisco, Calif. Copy and book holder. 1,903,523; Apr. 11.
- Van Alstine, Bonnie E., San Francisco, Calif. Copyholder. 1,908,874; May 16.
- Van Amburg, Otto H., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 1,896,857; Feb. 7.
- Van Antwerp, Harold O. (See Werner, F. C., and Van Antwerp.)
- Van Arsdale, Elvin R. (See Griffith, F., and Van Arsdale.)
- Van Arsdel, Wallace B., et al. (See Richter, G. A., Van Arsdel, and Hill.)
- Van Atta, George R. (See Offord, H. R., and Van Atta.)
- Van Atta, Robert S., Rochester, N. Y. Stabilizer control. 1,907,374; May 2.
- Van Ausdool, Joseph O., assignor to The Randall Company, Cincinnati, Ohio. Finishing panel. 1,912,416; June 6.
- Vanbecelaer, Charles. (See Dierkens, G., and Vanbecelaer.)
- Van Beke, Emil A. (See Peterson, J. E., and Van Beke.)
- Van Benschoten, Walter, Fishkill, N. Y. Electric control device. 1,911,656; May 30.
- Van Benthuysen, Herbert L., assignor to Goldstein-Wilkins Corporation, New York, N. Y. Textile fabric or similar article. Des. 90,430; Aug. 1.
- Van Berkel, Cornelis F. M. (See van Weenen, Franciscus L., assignor.)
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,897,541; Feb. 14.
- Van Berkel, Cornelis F. M., Wassenaar, Holland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,905,531; Apr. 25.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Machine for slicing meat containing bones. 1,907,620; May 9.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Fluid pressure operated slicing machine. 1,907,621; May 9.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat clamp for slicing machines. 1,916,899; July 4.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Sharpening device for slicing machine knives. 1,918,575; July 18.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,923,852; Aug. 22.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Guide for slicing machines. 1,926,828; Sept. 12.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Sharpener for slicing machines. 1,939,740; Dec. 19.
- Van Berkel, Cornelis F. M., and A. van Duyn, Wassenaar, Netherlands, assignors to U. S. Slicing Machine Company, La Porte, Ind. Sharpener for slicing machines. 1,936,890; Nov. 28.
- Van Berkel, Johannes C., Copenhagen, Denmark, assignor to Naamlooze Vennootschap Maatschappij tot Veraardiging van Snijmachines Volgens van Berkel's Patent en van andere Werktuigen, Rotterdam, Netherlands. Slicing machine. 1,912,390; June 6.
- Van Berkel, Johannes C., Copenhagen, Denmark, assignor to Naamlooze Vennootschap Maatschappij tot Veraardiging van Snijmachines Volgens van Berkel's Patent en van andere Werktuigen, Rotterdam, Netherlands. Slicing machine. 1,912,391; June 6.
- Van Berkel, Johannes C., Copenhagen, Denmark, assignor to Naamlooze Vennootschap Maatschappij tot Veraardiging van Snijmachines Volgens van Berkel's Patent en van andere Werktuigen, Rotterdam, Netherlands. Slicing machine. 1,913,012; June 6.
- Van Berkel, Johannes C., Copenhagen, Denmark, assignor to Naamlooze Vennootschap Maatschappij tot Veraardiging van Snijmachines Volgens van Berkel's Patent en van andere Werktuigen, Rotterdam, Netherlands. Slicing machine. 1,913,013; June 6.
- Van Berkel, Johannes C., Copenhagen, Denmark, assignor to Naamlooze Vennootschap Maatschappij tot Veraardiging van Snijmachines volgens van Berkel's Patent en van andere Werktuigen, Rotterdam, Netherlands. Slicing machine. 1,924,667; Aug. 29.
- Van Berkel, Wilhelmus A., Montreux, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Work clamp. 1,915,340; June 27.
- Van Berkel, Wilhelmus A., Clarens, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,924,666; Aug. 29.
- Van Berkel, Wilhelmus A., Clarens, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,929,718; Oct. 10.
- Van Berkel, Wilhelmus A., Clarens, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Feeding mechanism for slicing machines. 1,939,741; Dec. 19.
- Van Beusekom, Godefridus, Eindhoven, Netherlands, assignor to Radio Corporation of America. Apparatus for testing discharge tubes. 1,897,450; Feb. 14.
- Van Billiard, Lewis H., Schenectady, N. Y., assignor to General Electric Company. Assembly of electrical apparatus. 1,938,410; Dec. 5.
- Van Billiard, Maynard. (See Keller, H. C., and Van Billiard, assignors.)
- Van Blankenshteyn, Cornelius F., East Lansing, Mich. Fastener for license plates. 1,938,878; Dec. 12.
- Van Brocklin, Royal, et al. (See Gardner, David S. and J. A., assignors.)
- Van Brocklin, Steven A., et al. (See Gardner, David S. and J. A.)
- Van Brunt, Harry D. (See Higgins, C. C., and Van Brunt.)
- Van Brunt Manufacturing Company. (See Erdman, Theodore J., assignor.)
- Van Buren, John, Brooklyn, N. Y. Machine for making cartons. 1,903,844; Apr. 18.
- Van Buren, John, Brooklyn, N. Y. Wrapping machine. 1,912,806; June 6.
- Van Buren, John, Brooklyn, N. Y. Machine for placing labels on articles. 1,940,982; Dec. 26.
- Van Buskirk, Leshar W., Easton, Pa. Power shovel dipper. 1,921,491; Aug. 8.
- Van Buskirk, Leshar W., Easton, Pa. Dipper tooth. 1,925,420; Sept. 5.
- Van Buskirk, Leshar W., Easton, Pa. Centrifugal hammer. 1,928,516; Sept. 26.
- Van Buskirk, Robert N., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake operating means. 1,898,275; Feb. 21.
- Van Buskirk, Robert N., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake-operating means. 1,908,465; May 9.
- Van Buskirk, Robert N., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,924,577; Aug. 29.
- Van Buskirk, Robert N., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,928,081; Sept. 26.
- Van Buuren, Theodoor, Amsterdam, Netherlands. Milk boiling apparatus. 1,927,224; Sept. 19.
- Vance, Donald H., Schenectady, N. Y., assignor to General Electric Company. Variable inductor. 1,911,980; May 30.
- Vance, Joseph A., Ontario, Calif. Liquid fuel. 1,926,071; Sept. 12.
- Vance, Walter N. (See Bales, J. E., and Vance.)
- Vance, Walter N., North Aurora, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Locker hinge. 1,893,461; Jan. 3.
- Vance, Walter N., North Aurora, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Rack. 1,896,600; Feb. 7.
- Vance, Walter N., North Aurora, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Card table. 1,910,974; May 23.
- Vancil, Edgar D., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Spring operated wiper. 1,938,786; Dec. 12.
- Vancil, Edgar D., assignor to Cincinnati Milling Machine Company, Cincinnati, Ohio. Motor mount for milling machines. 1,940,158; Dec. 19.
- Van Cleave, Charles N. (See Neer, Raymond L., assignor.)
- Van Cleef Bros. (See Van Cleef, Paul, assignor.)
- Van Cleef, Paul, Chicago, Ill. Shoe sole. Des. 90,057; May 30.
- Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Shoe sole. Des. 90,463; Aug. 8.
- Van Cleef, Paul, assignor to Van Cleef Brothers, Chicago, Ill. Closures for bottle and like receptacles. 1,913,526; June 13.
- Van Clemens, Q., Findlay, Ohio. Flushing device. 1,908,875; May 16.
- Van Daam, Gerrit, Buffalo, N. Y. Generating air currents and controlling temperature of same. 1,937,611; Dec. 5.
- Vandal, Octave, Montreal, Quebec, Canada. Telephone attachment. 1,938,198; Dec. 5.
- Van Deest, Henry, assignor to Henney Motor Company, Freeport, Ill. Casket stay for hearses. 1,912,741; June 6.
- Vandegriff, James N., and C. Postel, assignors to International Bitumenol Corporation, New York, N. Y. Low temperature distillation. 1,916,900; July 4.
- Van Degriff, Thomas C., and W. H. McCoy, Detroit, Mich. Camshaft grinding machine. 1,937,999; Dec. 5.
- Van Degriff, Thomas C., and J. M. Tyler, assignors to General Motors Research Corporation, Detroit, Mich. Vibration eliminator. 1,929,106; Oct. 3.
- Van Deinse, Francis C., et al. (See Johnston, Mordica O., assignor.)
- Vandenberg, David R., et al. (See Earnest, George J.)
- Van den Broek, John A., Ann Arbor, Mich. Spiral spring. 1,895,948; Jan. 31.
- Vanderbeek, Samuel W. (See Grant, A. E., and Vanderbeek.)
- Vanderbilt, Isaac S., Maplewood, N. J. Bathtub. Des. 89,062; Jan. 17.
- Vanderbilt, Joseph B., New York, N. Y. Container. Des. 90,963; Oct. 31.
- Vanderbilt, R. T., Company. (See Alton, William H., assignor.)

- Vanderbilt, R. T., Company. (See Murril, Paul I., assignor.)
- Van der Bruggen, Arthur, Paris, France. Furniture polish. 1,910,137; May 23.
- Vandercook, David D. (See Vandercook, Edward O., D. D., and F. R.)
- Vandercook, David D. (See Vandercook, Robert O., E. O., F. R., and D. D.)
- Vandercook, Edward O. (See Vandercook, Robert O., E. O., F. R., and D. D.)
- Vandercook, Edward O., D. D., and F. R., Evanston, assignors to Vandercook & Sons, Chicago, Ill. Proof press cylinder adjustment. 1,895,501; Jan. 31.
- Vandercook, Frederick R. (See Vandercook, Edward O., D. D., and F. R.)
- Vandercook, Frederick R. (See Vandercook, Robert O., E. O., F. R., and D. D.)
- Vandercook, Robert O., E. O., F. R., and D. D., Chicago, Ill. Proof press and inking mechanism therefor. 1,893,605; Feb. 21.
- Vandercook & Sons. (See Vandercook, Edward O., D. D., and F. R., assignors.)
- Van der Does, Jean, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 88,892; Jan. 3.
- Van der Does, Jean, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 88,893; Jan. 3.
- Van der Does, Jean, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 88,894; Jan. 3.
- Van der Does, Jean, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 88,996; Jan. 10.
- Van der Does, Jean, assignor to Joseph Berlinger Company, New York, N. Y. Textile fabric. Des. 89,163; Jan. 31.
- Van der Does de Bije, Anne J. M. A., The Hague, Netherlands. Gas or vapor pump. 1,930,403; Oct. 10.
- Van der Grinten, Karel J. J. and L. P. F., Venlo, assignors to N. V. Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Fixing of images obtained by a negative diazotype process. 1,926,322; Sept. 12.
- Van der Grinten, Lodewijk P. F. (See van der Grinten, Karel J. J. and L. P. F.)
- Van Derhoef, George N., South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Conveyor roll. 1,921,445; Aug. 8.
- Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Film forming element. Re18,908; Aug. 1.
- Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Making cellulose nitrate film and similar products. 1,900,873; Mar. 7.
- Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Explosion vent. 1,930,138; Oct. 10.
- Van Derhoff, Bern M., Newark, N. J. Gear-shifting mechanism. 1,934,895; Nov. 14.
- Vanderhoff, Russell E., assignor to Health-O-Meter Company, Chicago, Ill. Platform scale casing. Des. 91,255; Dec. 26.
- Vanderhoof, Frank E., Greenwich, Conn. Attachment for telephones. 1,904,578; Apr. 18.
- Van Derhoof, John H., Warwick, N. Y. Terminal connector. 1,896,988; Feb. 7.
- Vanderkloot, Marinus. (See Britt, M., and Vanderkloot.)
- Vanderkloot, Marinus, assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Meat mold. 1,928,917; Oct. 3.
- Van der Lande, Petrus L. M., Deventer, Netherlands. Controlled plural batch weighing machine. 1,898,156; Feb. 21.
- Vanderlip, Louis C., Elkhart, Ind. Engine oiling device. 1,894,477; Jan. 17.
- Vandermark, Chris W., St. Paul, Minn. Fishhook and link. 1,895,301; Jan. 24.
- Van der Mark, Jan. (See Van der Pol, B., and Van der Mark.)
- Van der Mark, Jan. and B. van der Pol, Eindhoven, Netherlands, assignors to Radio Corporation of America, New York, N. Y. Electric frequency-transforming device. 1,927,425; Sept. 19.
- Van der Meulen, Johannes H., Arnhem, Netherlands. Preparing iodides. 1,918,622; July 18.
- Vanderminde, Edwin, assignor to The Telescope Cot Bed Company, Granville, N. Y. Connection for collapsible articles of furniture. 1,893,603; Jan. 10.
- Vanderploeg, Henry, assignor to Haggard & Marcusson Company, Chicago, Ill. Hook-ended coiled springs. 1,921,209; Aug. 8.
- Van der Poel, Johannes M., Eindhoven, Netherlands, assignor to General Electric Company. Apparatus for feeding filaments for incandescent lamps. 1,929,294; Oct. 3.
- Van der Pol, Balthasar. (See Holst, G., and van der Pol.)
- Van der Pol, Balthazar. (See van der Mark, J., and van der Pol.)
- Van der Pol, Balthasar, and Jan Van der Mark, Jan. Eindhoven, Netherlands, assignors to Radio Corporation of America. Resistance coupled amplifiers. 1,907,225; May 2.
- Van der Pol, Balthasar, and J. W. Alexander, Eindhoven, Netherlands, assignors to Radio Corporation of America. Interference eliminator. 1,940,472; Dec. 19.
- Van der Schans, Martien, Krimpen A. D. IJssel, and G. Hilgers, Rotterdam, assignors to the Firm of Wed. C. Stinis, Krimpen-on-the-Lek, South-Holland, Netherlands. Guide block, pulley block and the like. 1,894,286; Jan. 17.
- Van der Steyn, Oscar, and D. Lyons, Los Angeles, Calif. Game board or similar article. Des. 89,805; May 2.
- Van der Straeten, Auguste L. H., Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Ribbon cable. 1,941,121; Dec. 26.
- Vanderveen, John. (See Karl, W. E., and Vanderveen.)
- Vanderveer, Jehn W., Syracuse, N. Y., assignor to Erie Malleable Iron Company, Erie, Pa. Wheel. 1,924,385; Aug. 29.
- Van Derveer, Ralph L., Geneva, N. Y. Traction device. 1,915,561; June 27.
- Vanderveld, Anthony, assignor of one-half to H. B. Parrish, Grand Rapids, Mich. Cloth gripper for measuring machines. 1,908,382; May 9.
- Vandervoort, Milford T., assignor to American Seating Company, Grand Rapids, Mich. Combined typewriter stand and desk. 1,893,720; Jan. 10.
- Vandervoort, Milford T., assignor to American Seating Company, Grand Rapids, Mich. Typewriter cabinet. 1,929,542; Oct. 10.
- Vanderwerp, Harry L., Highland Park, Ill. Imprinting machine. 1,923,596; Aug. 22.
- Van der Willigen, Paul C., Krommenie, Netherlands. Production and manufacture of emulsions of oxidized drying oils, varnishes, and lacquers. 1,925,548; Sept. 5.
- Van der Woude, Fritz, assignor to The General Industries Company, Elyria, Ohio. Motor governor. 1,936,924; Nov. 28.
- Van Deurs, Jan A. S. (See Schröder, E., and van Deurs.)
- Vanvelde, Paul V., New York, N. Y. Continuous alarm clock. 1,904,579; Apr. 18.
- Van Deventer, Harry R., New York, N. Y., assignor to Patent Engineering Corporation. Loud speaker. 1,932,461; Oct. 31.
- Van Deventer, Harry R., New York, N. Y., assignor to Frigidaire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,934,155; Nov. 7.
- Vandevort, Harry L., assignor to Standard Steel Specialty Company, Beaver Falls, Pa. Apparatus for polishing articles. 1,912,552; June 6.
- Van Dinter, George L., and C. Ferretti, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubber boot. 1,912,417; June 6.
- Van Doren, Harold L., Toledo, Ohio, assignor to Holley Manufacturing Company, Detroit, Mich. Bathroom scale. Des. 91,151; Dec. 5.
- Van Doren, Harold L., and J. G. Rideout, assignors to The American-National Company, Toledo, Ohio. Child's scooter. Des. 91,256; Dec. 26.
- Van Dorn Electric Tool Company. (See Connell, Edwin L., assignor.)
- Van Dorn, Herbert E., Chicago, Ill., assignor to W. E. Van Dorn, Pasadena, Calif. Draft rigging for railway cars. 1,914,469; June 20.
- Van Dorn, Herbert E., Chicago, Ill., assignor to W. E. Van Dorn, Pasadena, Calif. Control system for car couplers and electric circuits. 1,924,821; Aug. 29.
- Van Dorn, Horace B., Maplewood, N. J., and F. H. Mix, Brooklyn, N. Y., assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Eraser and holding tip therefor. 1,927,142; Sept. 19.
- Van Dorn Iron Works Company, The. (See Garber, Harry D., assignor.)
- Van Dorn, William E. (See Van Dorn, Herbert E., assignor.)
- Van Dorn, William E. (See Van Dorn, Herbert E., jr., assignor.)
- Van Dresser Specialty Corporation. (See Burch, Fred, assignor.)
- Van Dresser Specialty Corporation. (See Van Dresser, William C., assignor.)
- Van Dresser, William C., assignor to Van Dresser Specialty Corporation, Detroit, Mich. Visor. 1,898,276; Feb. 21.
- Van Duyn, Adrianus. (See van Berkel, C. F. M., and van Duyn.)
- Van Duyn, Adrianus, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Lubricating means for slicing machine guides. 1,906,721; May 2.
- Van Duyn, Adrianus, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Lubricating means for rods and the like. 1,906,728; May 2.
- Van Duyn, Adrianus, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Apparatus for sharpening the knives of slicing machines. 1,918,576; July 18.
- Van Duyn, Adrianus, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine guide. 1,923,853; Aug. 22.
- Van Duyn, Adrianus, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,936,891; Nov. 28.
- Vanduzen, E. W., Company, The. (See Merrill, Sidney B., assignor.)
- Van Duzer, Robert M., jr. (See Walker, J. H., and Van Duzer.)
- Van Dyke, Russel H. (See Staud, C. J., and Van Dyke.)

- Van Dyke Textigraph Corp. (See Van Dyke, William D., assignor.)
- Van Dyke, William D., assignor to Van Dyke Textigraph Corp., Chattanooga, Tenn. Turfing means. 1,937,257; Nov. 28.
- Van Eck, Jacob, and Fekko Fekkes, Rotterdam, Netherlands. Incandescent electric lamp. 1,935,255; Nov. 14.
- Van Ee, Willem. (See Day, Levi, and van Ee.)
- Van Emburg, George H., Newark, and S. E. Ward, East Orange, N. J. Floor sander. 1,907,904; May 9.
- Van Emden, August E., assignor to Volquard O., Hermann, New York, N. Y. Mold for chocolate articles. 1,932,298; Oct. 24.
- Van Enkevort, Albert J. (See Walker, Lemuel J., assignor.)
- Van Evera, Charles A., Berkeley, assignor to Standard Stations, Inc., San Francisco, Calif. Display frame. Des. 91,045; Nov. 14.
- Van Every, S. A., et al. (See Bradshaw, Frank F., assignor.)
- Van Geel, Willem C. (See de Boer, J. H., and Van Geel.)
- Van Geel, Willem C. (See De Boer, J. H., Van Geel, and Emmens.)
- Van Gessel, Karel M. (See De Boer, J. H., Jonker, and van Gessel.)
- Van Gessel, Karel M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Soldering together metal parts. 1,892,819; Jan. 3.
- Van Gessel, Karel M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Indirectly heated cathode. 1,937,736; Dec. 5.
- Van Gessel, Karel M., Menze Bandringa and C. H. Morel, Eindhoven, Netherlands, assignors to Radio Corporation of America. Discharge tube. 1,937,735; Dec. 5.
- Vangrevenynge, Charles, La Celle-St. Cloud, and H. Elion, Paris, France. Metal alloy. 1,906,192; Apr. 25.
- Van Halteren, Andrew S., East Lansing, assignor to Motor Wheel Corporation, Lansing, Mich. Wheel demounting means. 1,894,287; Jan. 17.
- Van Halteren, Andrew S., East Lansing, assignor to Motor Wheel Corporation, Lansing, Mich. Riveting wood and metal elements. 1,934,780; Nov. 14.
- Van Harpen, Nicolaas H., assignor, to Algemeene Vereeniging Van Rubberplanters ter Oostkust Sumatra, Medan, Sumatra, Dutch East Indies. Process and the apparatus for preparing sheet rubber and the product obtained by it. 1,936,490; Nov. 21.
- Van Hasselt, Johan F. B., assignor of one-half to Chemische Industrie Van Hasselt, Amersfoort, and one-half to Adrianus Kleijn, Rotterdam, Netherlands. Nitrosyl sulphuric acid in finely divided dry and stabilized condition and its manufacture. 1,909,557; May 16.
- Van Hasselt, Johan F. B., assignor to Chemische Industrie Van Hasselt, Amersfoort, and Adrianus Kleijn, Rotterdam, Netherlands. Treatment of meal, flour, or milling products. 1,909,558; May 16.
- Van Hecke, Charles E., Stevens Point, Wis. Main and lateral connection and forming same. 1,895,827; Jan. 31.
- Van Heeden, Arthur P., assignor to Universal Oil Products Company, Chicago, Ill. Making producer gas. 1,900,141; Mar. 7.
- Van Heurn, Frans C., Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Vulcanization of rubber latex or other rubber dispersions. 1,893,477; Jan. 3.
- Van Heurn, Frans C., Amsterdam, Netherlands, assignor, by mesne assignments, to Shell Development Company, San Francisco, Calif. Manufacturing ebonite in which stone chippings or the like are incorporated. 1,905,404; Apr. 25.
- Van Heurn, Frans C., Amsterdam, Netherlands, assignor, by mesne assignments, to The Flintkote Corporation, Boston, Mass. Rubber products and making the same. 1,913,014; June 6.
- Van Hise, Amos S., Brooklyn, N. Y. Combined fountain pen and desk stand holder therefor. Des. 89,730; Apr. 25.
- Van Hise, Amos S., Brooklyn, N. Y. Combined fountain pen and desk stand holder therefor. Des. 89,731; Apr. 25.
- Van Hoofstadt, Edward, Oceanside, assignor to Lion Match Co., Inc., Long Island City, N. Y. Match making machines. 1,924,264; Aug. 29.
- Van Hoorn, Albert W. W., Hillcrest, and J. S. Tatnall, Claymont, assignors to National Vulcanized Fibre Company, Wilmington, Del. Roller bearing. 1,907,905; May 9.
- Van Hoorn, Jetze, Voorburg, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,923,854; Aug. 22.
- Van Hoorn, Jetze, Voorburg, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,929,543; Oct. 10.
- Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Piston construction. 1,921,996; Aug. 8.
- Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Bread slicing machine. 1,930,292; Oct. 10.
- Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Bread-slicing machine. 1,936,278; Nov. 21.
- Van Hooydonk, Henry, Fort Smith, Ark. Reinforced pipe construction and setting. 1,910,138; May 23.
- Van Hooydonk, Henry, Fort Smith, Ark. Well head controller. 1,920,040; July 25.
- Van Horn, Arthur H. (See Vleck, Adolph A., assignor.)
- Vanhorn, Constant, Sentinel Butte, N. Dak. Adjustable folding scaffold. 1,904,808; Apr. 18.
- Van Horn, Harold M., Princeton, N. J., and M. Croce, Cheltenham, Pa., assignors to Sloane-Blabon Corporation, New York, N. Y. Covering composition and making same. 1,912,671; June 6.
- Van Horn, Junius B. (See Mendenhall, E., and Van Horn.)
- Van Horn, Lee. (See Forrest, H. O., and Van Horn.)
- Van Horn, William H. (See Kemp, W. W., and Van Horn.)
- Van Horne, Josephine A. (See Van Horne, Ralph E., assignor.)
- Van Horne, Ralph E., assignor to Josephine A. Van Horne, Milwaukee, Wis. Food container. 1,892,756; Jan. 3.
- Vanhoutteghem, Arthur, Detroit, Mich. Target device. 1,912,873; June 6.
- Van Houweling, Arthur C., Pella, Iowa. Lime spreading attachment for manure spreaders. 1,939,474; Dec. 12.
- Van Hove, Ralph D. (See Newcomer, P. A., and Van Hove.)
- Vanick, James S. (See Merica, P. D., Vanick, and Wickenden.)
- Van Inwagen, Charles L., jr., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire splicing machine. 1,895,828; Jan. 31.
- Vanity Fair Silk Mills. (See Hoffman, Charles A., assignor.)
- Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
- Van Kannel Revolving Door Company. (See Blanchard, Robert L., assignor.)
- Van Kannel Revolving Door Company. (See Blanchard, R. L., and Munson.)
- Van Kannel Revolving Door Company. (See Munson, Harry, assignor.)
- Van Kannel Revolving Door Company. (See Simpson, Arthur M., assignor.)
- Van Kirk, Bradley, assignor of one-half to G. Kell, Louisville, Ohio. Bake pan. 1,898,913; Feb. 21.
- Van Kirk, Howard K., Larchmont, assignor, by mesne assignments, to Marinello Company, New York, N. Y. Combined bottle cap and applicator. 1,925,885; Sept. 5.
- Van-Lansing Novelty Co. (See Van Schyndie, R. W., and Lansing, assignors.)
- Van Law, Durbin, assignor, by mesne assignments, to Powderco Inc., Denver, Colo. Feed supply system for coal bins. 1,912,742; June 6.
- Van Liempt, Johannes A. M., Eindhoven, Netherlands, assignor to General Electric Company. Electric incandescent lamp. 1,925,857; Sept. 5.
- Van Liempt, Johannes A. M., Eindhoven, Netherlands, assignor to General Electric Company. Cut-out. 1,934,457; Nov. 7.
- Van Liempt, Johannes A. M., and W. Geiss, Eindhoven, Netherlands, assignors to General Electric Company. Nonsag helical tungsten filament and making it. 1,904,105; Apr. 18.
- Van Lis, Pieter H. A. (See Holst, G., Shepherd, and van Lis.)
- Van Lis, Pieter H. A., Eindhoven, Netherlands, assignor to Radio Corporation of America. Coil supporting spider. 1,907,687; May 9.
- Van Lis, Pieter H. A., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Direct current excitation of synchronous motors. 1,928,401; Sept. 26.
- Van Loenen, William F., Casper, Wyo., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electrical dehydrator. 1,932,715; Oct. 31.
- Van Maldegheem, David and W. J. Ollinger, New York, N. Y. Suction cleaner. 1,929,832; Oct. 10.
- Van Meter, James W., Los Angeles, Calif. Recovering values from ore dumps. 1,908,876; May 16.
- Van Meter, Morton. (See Johnson, H. A., and Van Meter.)
- Van Meter, Ray S., Malin, Oreg. Fishing tool for wells. 1,924,424; A. G. 29.
- Van Meurs, Jean, assignor to Société Anonyme Française du "Ferodo", Paris, France. Friction locking device. 1,928,191; Sept. 26.
- Vann, Hugh W., Thomasville, Ga. Fish lure. 1,941,370; Dec. 26.
- Vannah, Harold P., West Palm Beach, Fla., assignor to Brown Company, Berlin, N. H. Fungicide. 1,905,532; Apr. 25.
- Van Natta, Frank J. L. (See Carothers, W. H., Hill, and Van Natta.)
- Van Ness, Henry E., Elmira, N. Y. Dyeing apparatus. 1,922,511; Aug. 15.
- Van Ness, Willard L., Toledo, Ohio. Sheet glass manufacture. 1,898,157; Feb. 21.
- Van Ness, Willard L., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glassware forming machine. 1,931,336; Oct. 17.
- Vannini, Philipp, assignor, by mesne assignments, to Landis & Gyr, A.-G., Zug, Switzerland. Clock. 1,921,595; Aug. 8.
- Van Norden, Peter, Otsego, assignor of one-half to C. F. Sisson, Kalamazoo, Mich. Paper making machine. 1,910,661; May 23.

- Van Nordstrand, Robert D., Scotia, N. Y., assignor to General Electric Company. Protective circuit for enameling furnaces. 1,904,580; Apr. 18.
- Van Norman, Charles E., assignor to Van Norman Machine Tool Company, Springfield, Mass. Oscillating grinder. 1,908,577; May 9.
- Van Norman Machine Tool Company. (See Arp, Ewald A., assignor.)
- Van Norman Machine Tool Company. (See Stowell, Byron F., assignor.)
- Van Norman Machine Tool Company. (See Van Norman, Charles E., assignor.)
- Van Nostrand, Arleigh N., Manhasset, assignor to Tel-autograph Corporation, New York, N. Y. Resistor. 1,910,866; May 23.
- Vanorio, Joseph, Mount Vernon, N. Y., assignor of one-fifth to J. F. O'Brien, Englewood, N. J. Water heating apparatus for house heating systems. 1,925,780; Sept. 5.
- Van Ostrand, Clinton. (See Van Ostrand, De Witt and C.)
- Van Ostrand, De Witt, and C., Phillips, Wis. Holder. 1,911,934; May 30.
- Van Peenan, Robert W. (See Brown, R. J., and Van Peenan.)
- Van Peski, Adrianus J., Amsterdam, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Preparation of concentrated formic acid solutions. 1,909,240; May 16.
- Van Peski, Adrianus J., Amsterdam, assignor to De Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Splitting hydrocarbons. 1,925,421; Sept. 5.
- Van Peski, Adrianus J., Amsterdam, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Preparation of ammonium sulphate. 1,934,573; Nov. 7.
- Van Ranst, Cornelius W., Indianapolis, Ind., assignor, by mesne assignments, to Manning & Co., Chicago, Ill. Universal joint. 1,911,214; May 30.
- Van Ranst, Cornelius W., Auburn, Ind., assignor, by mesne assignments, to Manning & Co., Chicago, Ill. Automobile construction. 1,923,342; Aug. 22.
- Van Rijswijk, Willem, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Improving the sealing action of fluid sealed glands. 1,932,995; Oct. 31.
- Van Riper, Stanley V., New Rochelle, assignor to Cutler Mail Chute Co., Rochester, N. Y. Mail chute. 1,907,906; May 9.
- Van Rosen, Hugo, assignor to Delta-Star Electric Company, Chicago, Ill. Insulator cap. 1,940,195; Dec. 19.
- Van Rossem, Walter J., assignor to Surgident, Ltd., Los Angeles, Calif. Sanitary covered receptacle. 1,893,604; Jan. 10.
- Vansant, Richard H., Chicago, Ill. Window closure. 1,907,021; May 2.
- Van Schaack Bros. Chemical Works, Inc. (See Calvert, Robert, assignor.)
- Van Schaack Bros. Chemical Works, Inc. (See Lacy, Kenneth B., assignor.)
- Van Schaack Bros. Chemical Works, Inc. (See Van Schaack, Robert H., Jr., assignor.)
- Van Schaack Bros. Chemical Works, Inc. (See Van Schaack, R. H., Jr., and Calvert, assignors.)
- Van Schaack, Robert H., Jr., Evanston, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Distributor for liquids. 1,901,481; Mar. 14.
- Van Schaack, Robert H., Jr., Evanston, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Liquid fuel. 1,907,309; May 2.
- Van Schaack, Robert H., Jr., Evanston, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Keto-alcohols. 1,926,567; Sept. 12.
- Van Schaack, Robert H., Jr., and R. Calvert, Chicago, Ill., assignors to Van Schaack Bros. Chemical Works, Inc. Pyroxylin composition containing derivatives of ethylene glycol. 1,922,646; Aug. 15.
- Van Schyndle, Raymond W., and W. D. Lansing, assignors to Van-Lansing Novelty Co., Green Bay, Wis. Liquid dispensing device. 1,897,154; Feb. 14.
- Van Sciver, Lloyd, Chestnut Hill, Pa. Walking stick. 1,905,076; Apr. 25.
- Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)
- Van Sickle, Ernest J., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Lock structure. 1,917,620; July 11.
- Van Sickle, Frank B. (See Brown, C. A., and Van Sickle.)
- Van Sickle, Louis G., assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,928,402; Sept. 26.
- Van Sickle, Roswell C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,902,314; Mar. 21.
- Van Slyck, William, Brooklyn, N. Y. Mattress. 1,902,000; Mar. 21.
- Van Steenis, Otto L., Eindhoven, Netherlands, assignor to Radio Corporation of America. Electrode support. 1,926,128; Sept. 12.
- Van Steenkiste, Theodore, Chicago, Ill. Game apparatus. 1,906,025; Apr. 25.
- Van Steenwyk, Hendrik W. (See Norris, C. B., Curran, and Van Steenwyk.)
- Vanstory, William J., assignor of one-half to W. H. Miller, Booneville, Miss. Milk cooler. 1,895,949; Jan. 31.
- Vantassel, Harry C., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 1,893,790; Jan. 10.
- Van Vactor, David E., Evanston, Ill. Aeroplane. 1,907,394; May 2.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Cut-out mechanism for electric switches. 1,896,735; Feb. 7.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Switch. 1,921,272; Aug. 8.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Relay system. 1,932,808; Oct. 31.
- Van Valkenburg, Hermon L., Wauwatosa, and F. C. McNicol, Milwaukee, Wis., assignors to Square D Company, Detroit, Mich. Resistor construction. 1,900,318; Mar. 7.
- Van Valkenburg, Hermon L., Wauwatosa, and G. W. Hofem, Milwaukee, Wis., assignors to Square D Company, Detroit, Mich. Switch. 1,912,109; May 30.
- Van Valzah, Robert W., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Exhausting mechanism. 1,921,399; Aug. 8.
- Van Vechten, Jay J., Douglas, Ariz., assignor of one-half to Olaf N. Rowe, Hanover, N. Mex. Bedding clamp. 1,913,965; June 13.
- Van Vlaanderen Machine Company. (See Koch, William J., assignor.)
- Van Vlaanderen Machine Company. (See Peterson, John E., assignor.)
- Van Vliet, John, Chicago, Ill. Rake. 1,908,877; May 16.
- Van Voorhis, George S., Littleton, assignor to United Elastic Corporation, Easthampton, Mass. Elastic webbing and making same. 1,922,020; Aug. 8.
- Van Vorst, John, Schenectady, N. Y. Reel carrier. 1,895,217; Jan. 24.
- Van Vulpen, John. (See Russell, E. A. and Vulpen.)
- Van Vulpen, John, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Heating system for motor operated cars. 1,939,376; Dec. 12.
- Van Vuren, Guy W., Chippewa Falls, Wis. Tackle box. 1,929,833; Oct. 10.
- Van Weenen, Franciscus L., Rotterdam, assignor of one-half to C. F. M. van Berkel, Wassenaar, Netherlands. Device for injecting liquid under pressure. 1,907,622; May 9.
- Van Weenen, Franciscus L., Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Driving mechanism for slicing machines. 1,936,925; Nov. 28.
- Van Wijk, Aart. (See Reerink, E. H., and Van Wijk.)
- Van Winkle, Arthur A., Owensboro, Ky. Protractor. 1,896,432; Feb. 7.
- Van Winkle, Wynn, assignor to General Glass Corporation, Lancaster, Ohio. Jar or similar container. Des. 91,095; Nov. 21.
- Van Woert, Myron P., Cleveland, Ohio, assignor, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Fire box construction. 1,920,817; Aug. 1.
- Van Wormer, John R., Toledo, assignor, by mesne assignments, to The Guardian Trust Company, Cleveland, Ohio. Knock-down box manufacture. 1,897,715; Feb. 14.
- Van Wyngaarden, Klaas, and J. Slied, Chicago, Ill. Combination machine tool. 1,915,139; June 20.
- Van Zale, George, E. F. Young, and R. E. and J. O. Deuscher, Bay City, Mich.; said Van Zale assignor of all his right to said Young, said R. E. Deuscher, and said J. O. Deuscher. Antifouling composition. 1,914,964; June 20.
- Vapor Car Heating Company. (See Parks, P. B., and Miller, assignors.)
- Vapor Car Heating Company, Inc. (See Russell, Edward A., assignor.)
- Vapor Car Heating Company, Inc. (See Russell, E. A., and Parks, assignors.)
- Vapor Car Heating Company, Inc. (See Russell, E. A., Van Vulpen, assignors.)
- Vapor Car Heating Company, Inc. (See Van Vulpen, John, assignor.)
- Vapor Treating Processes Inc. (See Lachman, Arthur, assignor.)
- Vaporedair Corporation. (See Wales, Nathaniel B., assignor.)
- Varchetta, George, Brooklyn, N. Y. Balanced railroad crossing gate. 1,901,680; Mar. 14.
- Varcoe, Garland S., East Cleveland, and E. A. Purdy, South Euclid, Ohio. Chuck adapter. 1,930,669; Oct. 17.
- Varden, Anthony J., St. Louis County, Mo. Cement lath. 1,930,024; Oct. 10.
- Varell, Anna D., New York, N. Y. Wrinkle ericator. 1,900,002; Mar. 7.
- Varga, Imre, Budapest, Hungary. Tooth cleaning appliance with resilient cleaning members. 1,910,414; May 23.
- Varga, Josef, Budapest, Hungary, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Hydrogenation of naphthalene. 1,894,924; Jan. 17.
- Varga, Josef, Budapest, Hungary, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Hydrogenation of naphthalene. 1,894,925; Jan. 17.

- Varga, Josef, Budapest, Hungary, assignor, by mesne assignments, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Destructive hydrogenation of carbonaceous substances. 1,894,926; Jan. 17.
- Vargha, Andrew L. (See Arbuckle, S. F., and Vargha.)
- Vargha, Andrew L., assignor to General Motors Corporation, Detroit, Mich. Vibration dampener. 1,928,119; Sept. 26.
- Variety Manufacturing Company, The. (See Coppock, Ira M., assignor.)
- Varju, Vincent, Hunta, Ontario, Canada. Rotary machine gun fort. 1,897,451; Feb. 14.
- Varkas, Spiros S., New York, N. Y. Propellor mounting for aeroplanes and the like. 1,914,763; June 20.
- Varner, Dana P., Melvindale, Mich. Electrode holder. 1,928,517; Sept. 26.
- Varney, Theodore, New York, N. Y., assignor to Aluminum Limited, Toronto, Ontario, Canada. Tapering metallic rods and the like. 1,907,907; May 9.
- Varney, Theodore, New York, N. Y., assignor to Aluminum Limited, Toronto, Ontario, Canada. Fluid motor. 1,907,908; May 9.
- Varney, William, et al. (See Grenagle, James B., assignor.)
- Varney, William W. (See Brogan, Graham W., assignor.)
- Varney, William W. (See Leilich, Frank T., assignor.)
- Vars, Ethan. (See Eaton, R. O., and Vars.)
- Vartanian, Frank D., Portland, Me. Support for telephone head-sets. 1,903,565; Apr. 11.
- Vasselli, Anthony J., Newark, N. J. Synchronizing mechanism for talking motion pictures. 1,902,201; Mar. 21.
- Vasselli, Anthony J., Newark, N. J. Automatic power clutch and brake control for vehicles. 1,928,143; Sept. 26.
- Vassiliev, Sergius A., New York, N. Y. Razor blade sharpener. 1,935,679; Nov. 21.
- Vassos, John, New Canaan, Conn., assignor to H. S. Sullivan, New York, N. Y. Paper sheet or similar article. Des. 89,807; May 2.
- Vasta, José, Buenos Aires, Argentina. Novel device to wave the hair and steam chamber to maintain the permanent wave or curl. 1,895,272; Jan. 24.
- Vath, Vera, Minneapolis, Minn. Slicer. 1,904,840; Apr. 18.
- Vaughan, Arthur H. (See Cope, F. T., Vaughan, and Bowling.)
- Vaughan, Berkeley S., St. Charles, Ill. Fabricated table and making the same. 1,933,232; Oct. 31.
- Vaughan, Clarence E., Overland Park, assignor of one-fourth to F. J. Thomas, Kansas City, Mo. Button feeding apparatus. 1,941,027; Dec. 26.
- Vaughan, Victor G., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Automatic cooking device. 1,901,616; Mar. 14.
- Vaughan, Victor G., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Contact terminal. 1,925,856; Sept. 5.
- Vaughn, Edwin R., Honesdale, Pa. Wheel construction. 1,935,488; Nov. 14.
- Vaughn, Frank O., Poughkeepsie, N. Y. Brake device. 1,904,178; Apr. 18.
- Vaughn, George A., assignor to The Parsons Company, Newton, Iowa. Excavator chain construction. 1,912,743; June 6.
- Vaughn, Jesse A. (See Sjogren, O. W., and Vaughn.)
- Vaughn, John L. (See Gilmore, C. B., and Vaughn.)
- Vaughn Machinery Company, The. (See McIlvried, Edwin J., assignor.)
- Vaughn Machinery Company, The. (See McIlvried, E. J., and Bittman, assignors.)
- Vaughn Machinery Company, The. (See Yungman, Alfred T., assignor.)
- Vaughn, Pirl F., assignor of one-half to C. W. Shelton, Salina, and one-eighth to J. B. Phillips, Wichita, Kans. Electric cooker. 1,915,962; June 27.
- Vaughn, Ralph C., New York, N. Y. Toilet accessory container. Des. 90,001; May 23.
- Vaughn, S. T., et al. (See Clark, Carl W., assignor.)
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Thermostatic valve. 1,897,155; Feb. 14.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Thermostat. 1,922,720; Aug. 15.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Driving propellers and rotative wing systems. 1,925,156; Sept. 5.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss. Lifting air screw for air vehicles. 1,927,966; Sept. 26.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss., assignor to Grayson Heat Control Inc., Lynwood, Calif. Thermostat. 1,901,881; Mar. 21.
- Vaughn, Sidney P., U. S. Navy, Ackerman, Miss., assignor to Grayson Heat Control Inc., Lynwood, Calif. Thermostat. 1,919,265; July 25.
- Vaughn, Stanley I., Hempstead, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Metal joint and method of forming the same. 1,902,111; Mar. 21.
- Vaughn, Stanley I., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Monocoque body. 1,922,063; Aug. 15.
- Vavrosky, Joseph C., St. Paul, Minn. Key holder. 1,909,735; May 16.
- Vawter, John T., Los Angeles, Calif. Cement gun nozzle. 1,902,202; Mar. 21.
- Vawter, John T., Los Angeles, Calif. Cement gun nozzle. 1,904,990; Apr. 18.
- Vawter, John T., Los Angeles, Calif. Apparatus for conveying and depositing cementitious material. 1,908,578; May 9.
- Vayda, Louis L., Aspinwall, Pa., assignor to Bacharach Industrial Instrument Company. Process and apparatus for measuring temperatures of moving bodies. 1,901,208; Mar. 14.
- Vayda, Louis L., Aspinwall, Pa., assignor to Bacharach Industrial Instrument Company. Apparatus for measuring temperatures of moving bodies. 1,901,209; Mar. 14.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 1,898,229; Feb. 21.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Bumper. 1,901,540; Mar. 14.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile heater. 1,923,765; Aug. 22.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Air distributor for automobile heaters. 1,941,330; Dec. 26.
- Veale, George W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle spring. 1,941,331; Dec. 26.
- Vedder, Edwin H., and E. O. Erickson, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Smoke indicator. 1,901,570; Mar. 14.
- Vedder, John W., Worcester, Mass. Yielding supporting means. 1,908,579; May 9.
- Vedder, John W., assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Paper drier. 1,919,312; July 25.
- Vedder, John W., assignor to Rice, Barton & Fales, Incorporated, Worcester, Mass. Press roll. 1,938,444; Dec. 5.
- Vedoe, Anton M., Wollaston, assignor to Vedoe-Peterson Co., Norfolk Downs, Mass. Oven regulator. 1,917,345; July 11.
- Vedoe, Anton M., Quincy, and C. Eibye, Boston, assignors to Vedoe-Peterson Co., Norfolk Downs, Mass. Automatic gas controller for ovens. 1,917,346; July 11.
- Vedoe-Peterson Co. (See Vedoe, Anton M., assignor.)
- Vedoe-Peterson Co. (See Vedoe, A. M., and Eibye, assignors.)
- Veeder, Curtis H., assignor, by mesne assignments, to Veeder-Root Incorporated, Hartford, Conn. Odometer. 1,908,801; May 16.
- Veeder-Root Incorporated. (See Spaunburg, Harvey L., assignor.)
- Veeder-Root Incorporated. (See Veeder, Curtis H., assignor.)
- Veenschoten, Vincent V., Erie, Pa. Spray nozzle. 1,893,212; Jan. 3.
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Relief valve. 1,923,127; Aug. 22.
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Feed water regulator. 1,940,827; Dec. 26.
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Feed water regulator. 1,940,828; Dec. 26.
- Veenschoten, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Feed water regulator. 1,940,829; Dec. 26.
- Vega Manufacturing Corporation. (See Ruben, Samuel, assignor.)
- Vega y Vega, Domingo. (See Vega y Vega, Federico and D.)
- Vega y Vega, Federico and D., Buenos Aires, Argentina. Planting machine. 1,932,758; Oct. 31.
- Vehling, Paul, St. Louis, and W. R. McCreary, Kansas City, Mo. Service indicator. 1,912,418; June 6.
- Veiling, Jacob J., and Earl Heronynus, Milwaukee, Wis. Shoe heel attachment. 1,931,044; Oct. 17.
- Veit, Anton L., assignor of one-half to W. Wagner, San Francisco, Calif. Airplane control apparatus. 1,897,285; Feb. 14.
- Veit, Walter. (See Hausman, S., and Veit.)
- Velardi, Frank S., et al. (See Lipstadt, Sigmund, assignor.)
- Velen, Luther T., Cheswold, Del. Shock handling machine. 1,905,321; Apr. 25.
- Vellumoid Company, The. (See Wald, Lewis, assignor.)
- Velsicol Corporation. (See Hyman, Julius, assignor.)
- Velut, René, Paris, France. Ice machine. 1,925,616; Sept. 5.
- Venable, Georgia N. (See Venable, Henry G. and G. N.)
- Venable, Henry G. and G. N., Tampico, Mex. Liquid absorbing pad. 1,910,139; May 23.
- Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Shock preventer for clamshell buckets. 1,909,081; May 16.
- Vendi Cater, Inc. (See McCormick, J. H., and Bender.)
- Vending Machine Corporation of America. (See Nicholson, George E., assignor.)
- Venditti, Larry, Philadelphia, Pa. Aquarium. 1,908,939; May 16.
- Veneeray Invisible Heating Company. (See Austen, Frederick H., assignor.)

- Venerose, Louis J., Bronx, N. Y. Shoe shiner. Des. 90,823; Oct. 3.
- Venherm, Christopher. (See Fritz, J., and Venherm.)
- Venn, Theodore H., Chicago, Ill. Atomizer. 1,898,325; Feb. 21.
- Venning, Frank J., Cleveland Heights, and C. O. Kendall, assignors to The Union Salt Company, Cleveland, Ohio. Dispensing receptacle. 1,907,939; May 9.
- Vennun, George C., Wilmington, Del., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,894,299; Jan. 17.
- Venosta, Giuseppe, assignor to Società Italiana Pirelli, Milan, Italy. Manufacture of structures wholly made of rubber. 1,912,807; June 6.
- Ventimiglia, Carlo, Detroit, Mich. Tile. 1,899,370; Feb. 28.
- Venzie, Edmond F., assignor to Frederick M. Venzie, Philadelphia, Pa. Building construction. 1,894,932; Jan. 17.
- Venzie, Edmond F., assignor to Frederick M. Venzie, Philadelphia, Pa. Building construction. 1,894,933; Jan. 17.
- Venzie, Edmond F., assignor to F. M. Venzie, Philadelphia, Pa. Plaster board or other panel structure. 1,899,653; Feb. 28.
- Venzie, Frederick M. (See Venzie, Edmond F., assignor.)
- Venzie, Frederick M. (See Venzie, Walter H., assignor.)
- Venzie, Frederick M., Philadelphia, Pa. Building construction. 1,899,403; Feb. 28.
- Venzie, Frederick M., Philadelphia, Pa. Building structure. 1,913,527; June 13.
- Venzie, Frederick M., Philadelphia, Pa. Building structure. 1,920,919; Aug. 1.
- Venzie, Frederick M., Philadelphia, Pa. Building construction. 1,920,920; Aug. 1.
- Venzie, Frederick M., Philadelphia, Pa. Building structure. 1,931,909; Oct. 24.
- Venzie, Walter H., Philadelphia, Pa. Camera-silhouette machine. 1,895,239; Jan. 24.
- Venzie, Walter H., assignor to F. M. Venzie, Philadelphia, Pa. Building construction. 1,897,776; Feb. 14.
- Vera, John F., assignor of one-third to H. H. Osborn and one-third to A. W. Mathis, Chicago, Ill. Lock bolt, nut, or screw. 1,923,647; Aug. 22.
- Verbeck, Joseph, San Francisco, Calif. Typewriter attachment. 1,910,140; May 23.
- Verbeek, Arnold F., assignor to K. Lieberknecht, G. m. b. H., Oberlungwitz, Germany. Method and apparatus for making lace fabrics. 1,927,762; Sept. 19.
- Vercio, Anthony. (See Sonetto, J., Cipriano, and Vercio.)
- Verderber, Joseph. (See Batterman, E. F., and Verderber.)
- Verderosa, Rose, Brooklyn, N. Y. Applying decorative compositions. 1,934,156; Nov. 7.
- Vereinigte Deutsche Metallwerke A.-G. Zweigniederlassung Süddeutsche Metallindustrie. (See Metzger, Otto, assignor.)
- Vereinigte Eisenbahn-Signalwerke G. m. b. H. (See Möller, Karl, assignor.)
- Vereinigte Kugellagerfabriken Aktiengesellschaft. (See Stahlecker, Wilhelm, assignor.)
- Vereinigte Silberhammerwerke Hetzel & Co. (See Wachwitz, Heinrich, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Bähner, Josef, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Buchholtz, Herbert, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Burkhart, Emil, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Fricke, Arthur, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Hinderer, Eugen, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Horbach, P., and Simoneit, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Klas, Heinrich, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Klein, Ludwig, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Klinkenberg, Adolf, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Kocks, Fritz, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Koster, Werner, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Mehren, Josef, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Reichenbecher, G., and Grube, assignors.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Strenger, Moritz, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft. (See Ulrich, Max, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft, the Firm. (See Alberts, Walter, assignor.)
- Vereinigte Stahlwerke Aktiengesellschaft, the Firm. (See Scheil, Erich, assignor.)
- Ve Relle, William H., Philadelphia, Pa. Tie. Re18,949; Sept. 12.
- Verhave, Thomas H., sr. (See Kluyver, A. J., and Scheffer, assignors.)
- Verity, Ernest, Freeport, N. Y. Combined ash tray, card, cigarette, and pencil holder. Des. 90,131; June 13.
- Verity, Ernest, Freeport, N. Y. Card-table top. Des. 91,046; Nov. 14.
- Vermeulen, Aurèle, Los Angeles, Calif. Structural device. 1,900,319; Mar. 7.
- Vermeulen, Roelof. (See Jansen, M. J., Vermeulen, and Voorhoeve.)
- Vermont Spool & Bobbin Co. (See Wilson, William H., assignor.)
- Vernam, Gilbert S., River Edge, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Printing telegraph exchange system. 1,895,112; Jan. 24.
- Vernam, Gilbert S., River Edge, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Automatic telegraph switching system. 1,895,113; Jan. 24.
- Vernam, Gilbert S., Hackensack, assignor to International Communications Laboratories, Inc., Newark, N. J. Automatic concentration system. 1,910,867; May 23.
- Vernam, Gilbert S., Hackensack, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Link circuit for interconnecting telegraph toll lines. 1,916,239; July 4.
- Vernam, Gilbert S., Hackensack, N. J., assignor to International Communications Laboratories, Inc., New York, N. Y. Telegraph exchange system. 1,927,692; Sept. 19.
- Vernam, Gilbert S., Hackensack, N. J., and F. G. Hallden, Bellerose, assignors to International Communications Laboratories, Inc., New York, N. Y. Telegraph repeater. 1,895,015; Jan. 24.
- Vernazza, Ettore. (See Nahman, G., Stratta, and Vernazza.)
- Vernet, Sergius, Brooklyn, N. Y. Cigarette dispensing and lighting machine. 1,902,599; Mar. 21.
- Vernet, Sergius, Brooklyn, N. Y., assignor to Foster-Vernay Corporation, Pittsburgh, Pa. Boiler for use in the exhaust pipe of an internal combustion engine. 1,937,176; Nov. 28.
- Vernet, Sergius, Brooklyn, and A. J. Haynes, Forest Hills, N. Y. Weighing scale. 1,895,502; Jan. 31.
- Vernon, Aaron K., Flushing, N. Y. Advertising clock. 1,926,467; Sept. 12.
- Vernor, James, Company. (See Doughty, William E., assignor.)
- Verpeaux, Paul E., assignor to Union Chimique Belge, Société Anonyme, Brussels, Belgium. Coke oven. 1,904,018; Apr. 18.
- Verrall, Victor E., Fort Wayne, Ind., assignor to General Electric Company. Electroresponsive device. 1,920,818; Aug. 1.
- Verre, John, Hollywood, Calif. Spectacles temple. 1,899,402; Feb. 28.
- Versen, Kurt. (See Howell, Theodore L., assignor.)
- Verstegen, Theodore A., Buffalo, N. Y. Cabin for aircraft and the like. 1,902,428; Mar. 21.
- Verstoep, Dirk, The Hague, Netherlands. Apparatus for separating water from dredged material. 1,902,739; Mar. 21.
- Versuchs- und Lehranstalt für Bauerei in Berlin. (See Glaubits, M., and Haehn, assignors.)
- Vertex Hosiery Mills, Inc. (See Smith, D. V., and Hoffmann, assignors.)
- Vessey, Joseph, Montclair, N. J. Fountain pen. 1,935,000; Nov. 14.
- Vesta Consolidated Incorporated. (See Giard, Eugene A., assignor.)
- Vestal, Albert H. (See Malone, Adolph W., assignor.)
- Vestal Chemical Company. (See Renzenhausen, Raymond L., assignor.)
- Vestal, Merton I. (See Fournier, E. E., and Vestal.)
- Vetch, Hamilton A., San Jose, assignor to Pratt-Low Preserving Company, Santa Clara, Calif. Apparatus for preparing artichokes for canning. 1,906,438; May 2.
- Vetter, Ignatius J., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 90,094; June 6.
- Vetter, Ignatius J., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 90,518; Aug. 15.
- Vetter, Ignatius J., New York, N. Y., assignor to Bigelow Sanford Carpet Co., Inc. Rug. Des. 91,223; Dec. 19.
- Vetter, Joseph J., Hackensack, assignor to Natural Products Refining Co., Jersey City, N. J. Producing chromates. 1,901,939; Mar. 21.
- Vezey, John R., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Continuously loaded telegraph cable. 1,900,962; Mar. 14.
- Vezzani, Louis J. (See Dudick, Victor, assignor.)
- Viall, George K., assignor to Chain Belt Company, Milwaukee, Wis. Strain equalizer for multiple cables. 1,918,220; July 11.
- Viard, Georges, Paris, France. Telecommunication system. 1,918,152; July 11.
- Vibber, Wheeler H., New London, Conn. Connecting-fitting for electrical systems. 1,939,191; Dec. 12.
- Viberg, Ernest R., Montreal, Quebec, Canada. Journal box lid assembly. 1,915,458; June 27.
- Vicars, Robert. (See Barker, Alfred F., assignor.)
- Vice, Holton, assignor of one-fourth to C. Arnold, Los Angeles, Calif. Adjustable hinge. 1,908,383; May 9.
- Vicente, Francisco, Habana, Cuba. Shoe. 1,937,074; Nov. 28.
- Vicenzi, John J., Boston, Mass. Floor surfacing machine. 1,901,681; Mar. 14.
- Vicic, John, Clayton, N. Mex. Abrader or polisher for automobile bodies. 1,913,574; June 13.

- Vick, Alvin C., Toledo, assignor, by mesne assignments, to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 1,924,578; Aug. 29.
- Vickerman, Robert E., Philadelphia, Pa., assignor to Acme Axminster Loom Spool Company, Incorporated, New York, N. Y. Setting loom spools. 1,921,053; Aug. 8.
- Vickers-Armstrongs Limited. (See Dickson, Bonner W. A., assignor.)
- Vickers-Armstrongs Limited. (See Nasmith, John I., assignor.)
- Vickers-Armstrongs Limited. (See Parker, Lionel D., assignor.)
- Vickers-Armstrongs Limited. (See Watson, J. P., and Parker, assignors.)
- Vickers (Aviation) Limited. (See Wallis, Barnes N., assignor.)
- Vickers, Harry F., Los Angeles, Calif. Vane pump or motor. 1,898,914; Feb. 21.
- Vickers, Harry F., Los Angeles, Calif. Valve means for pumps or the like. 1,910,581; May 23.
- Vickers, Harry F., Los Angeles, Calif. Construction for rotary type cylinder and piston mechanism. 1,917,783; July 11.
- Vickers, Harry F., Los Angeles, Calif. Hydraulic mechanism. 1,921,955; Aug. 8.
- Vickers, Harry F., Los Angeles, Calif. Fluid pressure actuating device. 1,928,144; Sept. 26.
- Vickers, Harry F., Detroit, Mich. Machine for cutting metal bars and the like. 1,901,067; Mar. 14.
- Vickers, Harry F., Detroit, Mich. Apparatus for handling material. 1,910,509; May 23.
- Vickers, Harry F., Detroit, Mich. Control for heat-treating apparatus. 1,921,956; Aug. 8.
- Vickers, Harry F., Detroit, Mich. Balanced gear pump or motor. 1,937,367; Nov. 28.
- Vickers, James S., Alexander City, Ala. Animal trap. 1,901,210; Mar. 14.
- Vickers, Richard N., Smackover, Ark. Pump. 1,911,170; May 23.
- Vickers, S. Ernest. (See Kenney, M. W., and Vickers.)
- Vickers, William H., Liberal, Kans. Toy circus. 1,923,244; Aug. 22.
- Vickery, Frederick W., London, England. Paper reeling machine. 1,930,405; Oct. 10.
- Vickery, Frederick W., London, England, assignor to Vickery Incorporated. Doctor for paper-making and like machines. 1,907,623; May 9.
- Vickery, Frederick W., London, England, assignor to Vickery Incorporated. Doctor for paper-making and like machines. 1,912,605; June 6.
- Vickery Incorporated. (See Vickery, Frederick W., assignor.)
- Victaulic Company Limited. (See Johnson, Percy G., assignor.)
- Victaulic Company of America. (See Damsel, William B., assignor.)
- Victor, Alexander F., Davenport, Iowa. Projecting motion pictures in color. 1,918,724; July 18.
- Victor, Alexander F., New York, N. Y. Film control device. 1,923,855; Aug. 22.
- Victor, Alexander F., New York, N. Y. Sound reproducing device for moving pictures. 1,930,544; Oct. 17.
- Victor, Alexander F., New York, N. Y. Pick-up device for sound picture apparatus. 1,933,400; Oct. 31.
- Victor, Benjamin J., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,897,088; Feb. 14.
- Victor, Benjamin J., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,932,539; Oct. 31.
- Victor, Benjamin, and R. E. Abramson, New York, N. Y. Burner control and pilot light for gas stoves. 1,894,900; Jan. 17.
- Victor Casket Hardware Company. (See Pablow, Gustav C., assignor.)
- Victor, Catherine Y., Detroit, Mich. Egg candler. 1,933,946; Nov. 7.
- Victor Chemical Works. (See Adler, Howard, assignor.)
- Victor Chemical Works. (See Easterwood, Henry W., assignor.)
- Victor Chemical Works. (See Englund, Leonard H., assignor.)
- Victor Chemical Works. (See Janota, Joseph, jr., assignor.)
- Victor Chemical Works. (See Klein, George, assignor.)
- Victor Chemical Works. (See Lindberg, Nils C., assignor.)
- Victor Chemical Works. (See Lindberg, N. C., and Toubes, assignors.)
- Victor Chemical Works. (See Weigel, R., and Bachman, assignors.)
- Victor Chemical Works. (See Woodstock, Willard H., assignor.)
- Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
- Victor, John H., Evanston, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,904,651; Apr. 18.
- Victor, John H., Evanston, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,911,484; May 30.
- Victor, John H., Evanston, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket. 1,913,736; June 13.
- Victor, John H., Evanston, and W. A. Heinze, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer. 1,938,648; Dec. 12.
- Victor Manufacturing & Gasket Company. (See Braner, Stephen W., assignor.)
- Victor Manufacturing & Gasket Company. (See Sutcliffe, Edwin A., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, Benjamin J., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, John H., assignor.)
- Victor Manufacturing & Gasket Company. (See Victor, J. H., and Heinze, assignors.)
- Victor Metal Products Corporation. (See Prussing, Walter, assignor.)
- Victor Metal Products Corporation. (See Temple, John J., assignor.)
- Victor Safe & Equipment Company, The. (See Tussing, Reginald M., assignor.)
- Victor Talking Machine Company. (See Bailey, Christopher E. G., assignor.)
- Victor Talking Machine Company. (See Chiffey, Edward, assignor.)
- Victor Talking Machine Company. (See Crick, Owen J. P., assignor.)
- Victor Talking Machine Company. (See Fernberg, Eric B., assignor.)
- Victor Talking Machine Company. (See Ward, Albert W., assignor.)
- Victor Talking Machine Company. (See Whitaker, Alfred, assignor.)
- Victor Talking Machine Company. (See White, J., and Payne, assignors.)
- Victor Talking Machine Company. (See Whyte, Samuel, assignor.)
- Victor Welding Equipment Company. (See Stettner, Ludwig W., assignor.)
- Victoria Falls and Transvaal Power Company. (See Monk, C. J., and Rendell, assignors.)
- Victory Washer Co. (See Gilbert, Reginald L., assignor.)
- Vidal, André, assignor to Cartier, Societe Anonyme, Paris, France. Fastening device for jewels and other ornaments. 1,911,935; May 30.
- Vidal, Eugene L., et al. (See Gilchrist, William L., assignor.)
- Vidal, Jean L., Paris, France, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Apparatus for reproducing goffered films. 1,935,422; Nov. 14.
- Vidmar, Michael, Somerset, Colo. Weeding hoe. 1,929,128; Oct. 3.
- Vidor, William H., Maplewood, N. J. Alternating current rectifier. 1,893,915; Jan. 10.
- Viel, Louis L., Ville d'Avray, assignor to Societe Generale des Carburateurs Zenith, Levallois-Perret, France. Carburetor. 1,929,266; Oct. 3.
- Vieau, Harold F., Liverpool, assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch carrier. 1,908,492; May 9.
- Vieheweger, August F. W., et al. (See Prior, Walter, jr., assignor.)
- Viel, Louis L., Ville d'Avray, assignor to Societe Generale des Carburateurs Zenith, Levallois-Perret, France. Regulator for the fuel pressure in internal combustion engines. 1,897,742; Feb. 14.
- Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Coil winding machine. 1,919,994; July 25.
- Vieregge, Henry, Windom, Minn. Fuel box. 1,915,173; June 20.
- Vierling, Oskar Berlin, Germany, assignor, by mesne assignments, to Messner Inventions, Inc. Electricity-controlled musical instrument. 1,933,299; Oct. 31.
- Vierow, Thomas S., Jersey City, N. J. Machine for extruding shaped pieces. 1,934,391; Nov. 7.
- Viet, Paul. (See Gerard, Léon, assignor.)
- Vieweg, Karl, assignor to Deutsche Gold & Silber Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Incorporation of active oxygen in organic compounds. 1,914,311; June 13.
- Vieweg, Karl, assignor to Deutsche Gold & Silber Scheideanstalt, vormals Roessler, Frankfurt-on-the-Main, Germany. Manufacture of compositions of hydrogen-peroxide-phosphate. 1,914,312; June 13.
- Vi-Foods Company. (See Prince, Robert K., assignor.)
- Vigeant, Ernest, Montreal, Quebec, Canada. Automobile door locking device. 1,913,221; June 6.
- Vigeant, Ernest, Montreal, Quebec, Canada. Door-locking arrangement. 1,929,223; Oct. 3.
- Vigers, Ronald W., and E. E. Chatterton, assignors to D. Napier & Son Limited, London, England. Liquid fuel injection pump for internal combustion engines. 1,917,169; July 4.
- Vigilant Automatic Fire Alarm Company Limited, The. (See Jameson, Ronald P., assignor.)
- Vigmostad, Trygve, Detroit, Mich., assignor to The Murray Corporation of America. Curved-edge window organization. 1,938,199; Dec. 5.
- Vigne, Emile L., Paris, France. Electrically controlled tool. 1,928,082; Sept. 26.
- Vignos, James C., Canton, Ohio. Manufacture of iron and steel alloys. 1,925,886; Sept. 5.
- Vignos, Paul, assignor to Berger Manufacturing Company, Canton, Ohio. Metal bottle carrier. 1,904,019; Apr. 18.

- Vikla, Mathias R., Lonsdale, Minn. Trapper and retainer for bee swarms and separator for drones and queens. 1,896,925; Feb. 7.
- Viksne, Arnold. (See Friteson, J., and Viksne.)
- Viljoen, Jan A., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Fermentation of sugars. 1,911,411; May 30.
- Vilkomerson, Benjamin, Brooklyn, N. Y. Interrupter for current supply systems. 1,893,115; Jan. 3.
- Villa, Numa, Carcassonne, France. Headgear. 1,914,544; June 20.
- Villadsen, Anders B. and J. M., San Francisco, Calif. Securing boards to metal framework. 1,937,177; Nov. 28.
- Villadsen, Jens M. (See Villadsen, Anders B. and J. M.)
- Villalba, L. P. (See Monge, M. A., and Villalba.)
- Villano, James N., Syracuse, N. Y. Press. 1,919,815; July 25.
- Villanyi, Charles M., Bayside, assignor to L. Mundet and Son, Inc., New York, N. Y. Closure. 1,937,000; Nov. 28.
- Villasuso, Armando S., Tucuman, Argentina. Regenerative heater. 1,939,153; Dec. 12.
- Villem, Raymond, and R. Aubert, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Heterodyne system. 1,907,624; May 9.
- Villez, Paul A. H., St.-Sauveur-de-Montagut, France. Continuous press for solid materials containing liquids. 1,929,129; Oct. 3.
- Viloco Railway Equipment Co. (See Ploen, Curtis W., assignor.)
- Vilter Manufacturing Company, The. (See Baars, Ernst S. H., assignor.)
- Vilter Manufacturing Company, The. (See Taylor, William H., assignor.)
- Vinar, Washington, Cicero, assignor to Burton-Dixie Corporation, Chicago, Ill. Spring coiling machine. 1,930,329; Oct. 10.
- Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Fuel injection apparatus. 1,939,869; Dec. 19.
- Vincent, Harry S., Ridgewood, N. J. Locomotive driving box. 1,920,772; Aug. 1.
- Vincent, Harry S., Ridgewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Axle box. 1,898,470; Feb. 21.
- Vincent, Harry S., Ridgewood, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Steam engine. 1,901,571; Mar. 14.
- Vincent, Jay C., Minneapolis, Minn. Refuse incinerator. 1,932,759; Oct. 31.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 1,901,713; Mar. 14.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Clutch mechanism. 1,901,714; Mar. 14.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Lubricating means for automatic transmission mechanism. 1,902,050; Mar. 21.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,603; Apr. 11.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,916,084; June 27.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,925,123; Sept. 5.
- Vincent, Sidney C., assignor to The Automatic Lighting Company, Baltimore, Md. Reflector unit for signs. 1,901,341; Mar. 14.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,930,025; Oct. 10.
- Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,936,698; Nov. 28.
- Vincent, William J. (See Powell, W. T., and Vincent.)
- Vindal, Thomas F., New York, N. Y. Fuse. 1,937,178; Nov. 28.
- Vine, Howard L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,933,645; Nov. 7.
- Viniardists, Inc. (See Eoff, John R., Jr., assignor.)
- Vinje, Arne F., Freeport, assignor to Curtiss Aeroplane & Motor Company, Inc. Aircraft control surface adjusting mechanisms. 1,892,915; Jan. 3.
- Vinje, Arne F., Freeport, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Aircraft control. 1,892,916; Jan. 3.
- Vinson, B. W. (See Canter, Vernon C., assignor.)
- Vinson, Quay. (See MacLean, J. Showles, assignor.)
- Vion, Camille J., Jersey City, N. J. Printer's quoin. 1,904,581; Apr. 18.
- Virgile, Gabriel, Long Beach, N. Y., assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 88,900; Jan. 3.
- Virgile, Gabriel, Long Beach, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,671; Apr. 18.
- Virginia Smelting Company. (See Johnston, Charles W., assignor.)
- Virginia Smelting Company. (See Scribner, Allison K., assignor.)
- Virtanen Artturi I. Helsinki, Finland. Preservation of green cattle fodder. 1,935,754; Nov. 21.
- Vis, George A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerator condensing unit. 1,893,344; Jan. 3.
- Visco Meter Corporation. (See Eckstein, George R., assignor.)
- Viscose Company, The. (See La Brie, Howard M., assignor.)
- Viscose Company, The. (See Meurling, Ivar, assignor.)
- Visel, August C., Bronson, Mich. Electric water heater. 1,895,870; Jan. 31.
- Visel, Howard A., Elkhart, Ind. Advertising device or the like. Des. 89,808; May 2.
- Visking Corporation, The. (See Dietrich, H. E., and Hewitt, assignors.)
- Visking Corporation, The. (See Henderson, William F., assignor.)
- Visking Corporation, The. (See Hewitt, Alfred G., assignor.)
- Visking Corporation, The. (See Schnecko, O., and Schwalbe, assignors.)
- Visking Corporation, The. (See Voss, Julius, assignor.)
- Vissering, Harry, Kenilworth, Ill. Indicator for radiators. 1,912,672; June 6.
- Visual Demonstration System, Inc. (See Davidson, Le Roy E., assignor.)
- Vita, Charles S., Winfield, assignor to Carolyn Laundry, New York, N. Y. Iron for bound edges and ironing therewith. 1,933,287; Oct. 31.
- Vitale, Samuel and E. M. Wilson, Charlotte, Mich. Brake mechanism. 1,896,209; Feb. 7.
- Vitale, Vincent V., Brooklyn, N. Y. Signal device. 1,906,193; Apr. 25.
- Vitolo, Carmine, New York, N. Y. Stage for theaters and the like. 1,896,652; Feb. 7.
- Vitoux, Marcel, Troyes, Aube, France. Machine for operating relooping tools. 1,897,452; Feb. 14.
- Vitrolite Company, The. (See Johnson, Charles E., assignor.)
- Vitrolite Company, The. (See Thurn, Walter N., assignor.)
- Vitu, James E., assignor to Weil Pump Company, Chicago, Ill. Multistage centrifugal pump. 1,900,531; Mar. 7.
- Vivas, Fernando S., Pelham Manor, assignor to Safety Products, Inc., New York, N. Y. Cellulosic material and producing the same. 1,909,193; May 16.
- Vivas, Fernando S., Bronxville, assignor to International Fireproof Products Corporation, New York, N. Y. Nonleaching fireproof wood and producing the same. 1,909,241; May 16.
- Vivas, Fernando S., Pelham Manor, N. Y. Producing chlorinated hydrocarbon liquids. 1,920,282; Aug. 1.
- Vivatex Processes, Inc. (See White, Clarence E., assignor.)
- Vivian, Frank H. (See Berger, M. W., and Vivian.)
- Vivian, George S., Norbury, London, assignor of one-half to T. B. Ford Limited, Buckinghamshire, England. Reservoir fountain pen. 1,908,384; May 9.
- Vivian, George S., Norbury, London, assignor of one-half to T. B. Ford Limited, Loudwater, High Wycombe, Buckinghamshire, England. Self-filling fountain-pen. 1,908,802; May 16.
- Vivian, George S., Norbury, London, assignor of one-half to T. B. Ford Limited, Buckinghamshire, England. Fountain pen. 1,922,831; Aug. 15.
- Vivian, George S., Norbury, London, assignor of one-half to T. B. Ford Limited, Loudwater, England. Container for ink. 1,923,648; Aug. 22.
- Vivian, Robert E., assignor to International Agricultural Corporation, New York, N. Y. Extracting phosphorus content from phosphorus-containing materials. 1,926,072; Sept. 12.
- Vivian, Robert E., and C. G. Fink, assignors to International Agricultural Corporation, New York, N. Y. Combined process of extracting the phosphorus content from phosphorus-containing materials and the potassium content from potassium-containing materials. 1,926,073; Sept. 12.
- Viviani, Ettore, Milan, Italy. Apparatus for dry-spinning artificial textile fibers with recovery of the volatile solvents. 1,902,922; Mar. 28.
- Vivid, Incorporated. (See Flanigan, John J., assignor.)
- Vizzard, Alice, Brooklyn, N. Y. Belt attachment for garments. 1,909,922; May 16.
- Vlahov, George, New York, N. Y., assignor to Ohmer Fare Register Company, Dayton, Ohio. Flag locking mechanism for taximeters. 1,894,384; Jan. 17.
- Vlahov, George, assignor to John Holtzman, New York, N. Y. Aeroplane. 1,895,871; Jan. 31.
- Vlardi, Ciro J., Sacramento, Calif. Plow guiding means. 1,896,532; Feb. 7.
- Vleck, Adolph A., Cleveland, assignor of one-half to A. H. Van Horn, Lakewood, Ohio. Measuring instrument. 1,903,393; Apr. 4.
- Vles, Samuel I., assignor to Algemeene Kunstzijde Unie N. V., Arnhem, Netherlands. Preparing partially hydrolyzed cellulose acetates. 1,911,657; May 30.
- Vobach, Arnold C., Whiting, Ind., and H. K. Rogers, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Coking hydrocarbons. 1,935,067; Nov. 14.
- Vocalsevro Company, The. (See Severy, Melvin L., assignor.)
- Vock, William A., et al. (See Lynn, H. E., and Lambert, assignors.)
- Vock, William A., Long Beach, Calif. Bushing. 1,902,600; Mar. 21.

- Vocophone Company, The. (See McKesson, Elmer I., assignor.)
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,900,780; Mar. 7.
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,902,148; Mar. 21.
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Blasting cartridge. 1,913,015; June 6.
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,920,450; Aug. 1.
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 1,931,745; Oct. 24.
- Vodoz, Frederick W., Wilmette, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,937,737; Dec. 5.
- Voegele, Joseph, Aktiengesellschaft. (See Köhler, Willy, assignor.)
- Vogeli, Henry E., assignor to The American Brass Company, Waterbury, Conn. Through wall flashing. 1,906,674; May 2.
- Voelker, Fred, Jr., assignor to Blaw-Knox Company, Pittsburgh, Pa. Material measuring and handling apparatus. 1,905,018; Apr. 25.
- Vogan, Frank M., Canton, assignor to The Reeves Manufacturing Company, Dover, Ohio. Washtub. Des. 89,664; Apr. 18.
- Vogdes, Francis B., White Plains, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,929,571; Oct. 10.
- Voge, Charles J., Chicago, Ill. Battery ignition system. 1,928,744; Oct. 3.
- Vogel, Alfred. (See Schmidt, Adam, assignor.)
- Vogel, Fred. (See Smith, L., and Vogel.)
- Vogel, Frederick A., deceased, Milton Ernest, England, by J. M. Vogel, executrix, assignor, by mesne assignments, to E. B. H. Tower, Jr., Milwaukee, Wis. Tanning process. 1,909,790; May 16.
- Vogel, Frederick M. (See Hurlburt, W. F., and Vogel.)
- Vogel, Jessie M., executrix. (See Vogel, Frederick A.)
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Conveying pulverulent material. 1,937,040; Nov. 28.
- Vogel, Max, Frankfurt-on-the-Main, Germany. Stapling machine. 1,935,280; Nov. 14.
- Vogel, Max, Frankfurt-on-the-Main, Germany, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Stapling machine. 1,905,254; Apr. 25.
- Vogel, Paul H., New Hartford, assignor to the Waterbury Brass Goods Corporation, Waterbury, Conn. Lip stick holder. 1,909,988; May 23.
- Vogel, Theodore F., assignor to The Simplex Shoe Manufacturing Co., Milwaukee, Wis. Shoe. Des. 90,901; Oct. 17.
- Vogelman, Philip A., New York, N. Y. Textile fabric. Des. 90,059; Apr. 30.
- Vogelman, Philip A., assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,472; Mar. 14.
- Vogelpohl, William G., Belleville, Ill. Grave marker. 1,926,468; Sept. 12.
- Vogelsang, Fritz, Berlin-Charlottenburg, Germany. Ash tray. 1,933,196; Oct. 31.
- Vogl, Franz, Union City, N. J. Doll. Des. 90,824; Oct. 3.
- Vogler, Bruno, Berlin-Rummelsburg, Germany. Powder distributor. 1,937,210; Nov. 28.
- Vogler, Hermann, assignor to Schiess-Defries Aktiengesellschaft, Dusseldorf, Germany. Boring and turning machine. 1,899,124; Feb. 28.
- Vogler, Karl, Pforzheim, assignor to the Firm of Württ. Birsten-u. Pinsel-Fabrik Kullen & Co., Reutlingen, Germany. Brush. 1,922,752; Aug. 15.
- Vogt, Charles H., Philadelphia, Pa. Filling and measuring machine. 1,896,210; Feb. 7.
- Vogt, Charles H., Philadelphia, Pa., assignor of one-third to F. A. Vogt and one-third to G. L. Vogt. Method of and apparatus for forming sausages. 1,925,157; Sept. 5.
- Vogt, Charles H., Philadelphia, Pa. Screen or tray washing machine. 1,937,258; Nov. 28.
- Vogt, Clarence C. (See Pieper, E. J., Smith, and Vogt.)
- Vogt, Clarence W., assignor to Vogt Instant Freezers Incorporated, Louisville, Ky. Rotary pump. 1,902,315; Mar. 21.
- Vogt, Clarence W., assignor to Vogt Instant Freezers Incorporated, Louisville, Ky. Rotary pump. 1,902,346; Mar. 21.
- Vogt, Clarence W., assignor to Vogt Instant Freezers, Incorporated, Louisville, Ky. Frozen comestible package. 1,906,183; Apr. 25.
- Vogt, Clarence W., assignor to Vogt Instant Freezers, Inc., Louisville, Ky. Processing material and apparatus therefor. 1,911,731; May 30.
- Vogt, Clarence W., assignor to Vogt Instant Freezers, Inc., Louisville, Ky. Process and apparatus for treating materials. 1,915,634; June 27.
- Vogt, Clarence W., assignor to The Girdler Corporation, Louisville, Ky. Machine for feeding and shaping metallic tubes. 1,918,356; July 18.
- Vogt, Clarence W., assignor to Vogt Instant Freezers Incorporated, Louisville, Ky. Ice cream and making the same. 1,940,109; Dec. 19.
- Vogt, Clarence W., Louisville, Ky., assignor to Vogt Instant Freezers, Inc. Apparatus for processing control. 1,940,473; Dec. 19.
- Vogt, Clarence W., and W. E. Zoeller, assignors to Vogt Instant Freezers, Incorporated, Louisville, Ky. Rotary gear pump. 1,902,347; Mar. 21.
- Vogt, Engelbert J., assignor to Knappe & Vogt Mfg. Co., Grand Rapids, Mich. Showcase sliding doorlock. 1,907,625; May 9.
- Vogt, Frederick A., et al. (See Vogt, Charles H., assignor.)
- Vogt, Frederick A., Philadelphia, Pa. Canning scrapple. 1,926,185; Sept. 12.
- Vogt, Gustav L., et al. (See Vogt, Charles H., assignor.)
- Vogt, Henry, Machine Co. (See Frey, Percy C., assignor.)
- Vogt, Henry, Machine Co. (See Jackson, Lewis R., assignor.)
- Vogt, Henry, Machine Co. (See Kubaugh, Benjamin F., assignor.)
- Vogt, Henry, Machine Co. (See Sack, Melvin, assignor.)
- Vogt Instant Freezers Incorporated. (See Bottoms, Robert R., assignor.)
- Vogt Instant Freezers, Inc. (See Vogt, Clarence W., assignor.)
- Vogt Instant Freezers, Incorporated. (See Vogt, C. W., and Zoeller, assignors.)
- Vogt, Joseph, Peekskill, N. Y. Razor blade holder. 1,899,738; Feb. 28.
- Vogt, Richard C., West New York, N. J. Mud guard for shoe heels. 1,938,361; Dec. 5.
- Vogt, Richard R. (See Nieuwland, J. A., and Vogt.)
- Vogt, Rudolph. (See Walter, J. C., and Vogt.)
- Voices, Incorporated. (See Grubman, Leo J., assignor.)
- Voight, Charles G., Hicksville, N. Y. Trimming joint. 1,922,994; Aug. 15.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Door holder. 1,916,399; July 4.
- Voigt, Albert, New York, N. Y. Door separator and track for door runways in display cases. 1,934,834; Nov. 14.
- Voigt, Albert P. J., Galveston, Tex. Pump. 1,935,825; Nov. 21.
- Voigt, Carl A. W., Portland, Oreg. Hot water heating furnace. 1,904,179; Apr. 18.
- Voigt & Haefner A. G. (See Cippitelli, Cesare, assignor.)
- Voigt, Paul A. (See Kellogg, G. D., and Voigt.)
- Voigtländer, Hermann, and O. Kaufels, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Shaped body having a predominating percentage of tungsten or molybdenum and producing it. 1,895,950; Jan. 31.
- Voigtländer & Sohn Aktiengesellschaft. (See Barényi, Árpád, assignor.)
- Voigtlander & Sohn Aktiengesellschaft. (See Naumann, Arthur, assignor.)
- Voisin, Leon J., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy telephone. 1,936,217; Nov. 21.
- Voith, J. M. (See Mueller, Hans, assignor.)
- Voith, Walther, Saint Polten, Austria. Propelling and steering water or air ships. 1,922,606; Aug. 15.
- Volansky, John J. (See Larson, M. C., and Volansky.)
- Volek, William H., Watsonville, assignor to California Spray-Chemical Corporation, San Francisco, Calif. Manufacture and use of parasiticial emulsions. 1,914,902; June 20.
- Volek, William H., Watsonville, assignor to California Spray-Chemical Corporation, San Francisco, Calif. Stimulating or rejuvenating plants and composition for use therein. 1,914,903; June 20.
- Volek, William H., Watsonville, assignor to California Spray-Chemical Corporation, San Francisco, Calif. Insecticide carrier, spreader, and emulsifier and making same. 1,922,607; Aug. 15.
- Volckening, Henry G., assignor to Volckening, Inc., Brooklyn, N. Y. Bottle brush and mounting therefor. 1,897,777; Feb. 14.
- Volckening, Inc. (See Volckening, Henry G., assignor.)
- Volckman, William J. C. (See Kelly, Thomas F., assignor.)
- Vold, Lars H., Butler, Pa. Automatic cut-out for defrosting devices. 1,914,055; June 13.
- Volk, Hans. (See Boedecker, F., Reverey, and Volk.)
- Vökel, Leopold, assignor to C. H. F. Müller Aktiengesellschaft, Hamburg, Germany. High vacuum discharge vessel in particular X-ray tube. 1,927,475; Sept. 19.
- Volkhardt, Aquila N., Stapleton, N. Y. Hydrant. 1,937,302; Nov. 28.
- Volland, Carl. (See Droth, A., and Volland.)
- Volland, Laurie O., Crookston, Minn. Grease gun filler. 1,933,463; Oct. 31.
- Vollenweider, Georges, Colombes, France. Knitting machine. 1,899,838; Feb. 28.
- Vollman, Joseph, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Embroidery. Des. 89,225; Feb. 7.
- Vollmann, Heinrich. (See Kraenzlein, G., Vollmann, and Becker.)
- Vollmann, Heinrich, et al. (See Kraenzlein, G., Vollmann, and Corell.)
- Vollmann, Heinrich. (See Kränzlein, G., Corell, Vollmann, and Hausdörfer.)
- Vollmann, Heinrich. (See Kränzlein, G., Greune, Corell, and Vollmann.)
- Vollmann, Heinrich. (See Kränzlein, G., and Vollmann.)

- Vollmann, Heinrich. (See Kranzlein, G., Vollmann, and Diefenbach.)
- Vollmar, Ludwig, Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Spark plug. 1,913,575; June 13.
- Vollmer, Herman H. (See Eudaly, N. L., Collins, and Vollmer.)
- Vollmer, Hermann. (See Eisner, H., and Vollmer.)
- Vollmer, Paul L., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Contactor. 1,909,138; May 16.
- Vollrath Co., The. (See Maas, Harvey H., assignor.)
- Vollrath Co., The. (See Morris, Frederick S.)
- Volpicelli, Vito L., Scranton, Pa. Aeroplane. 1,917,561; July 11.
- Volpin, Alexander S., Houston, Tex. Razor blade sharpener. 1,898,915; Feb. 21.
- Vom Bovert, Otto. (See Hentschke, K., and Vom Bovert.)
- Von Allmen, Samuel, assignor to the Firm "Chemical Works Formerly Sandoz", Basel, Switzerland. Manufacture of dyestuffs of the anthraquinone series. 1,898,861; Feb. 21.
- Von Allmen, Samuel, assignor to Chemical Works, formerly Sandoz, Basel, Switzerland. Preparation of new dyestuffs of the anthraquinone series. 1,901,048; Mar. 14.
- Von Alt, Joseph, Cleveland, Ohio. Illuminated house number casing or similar article. Des. 89,226; Feb. 7.
- Von Arco, Georg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter arrangement. 1,893,605; Jan. 10.
- Von Astholz, Mel, and T. Concha, deceased, Los Angeles, Calif., F. Bryson, public administrator of said T. Concha, assignor to said Mel von Astholz. Shoe tree. 1,917,347; July 11.
- Von Beaulieu Marconney, A. O. F., Berlin, Germany, assignor to The Thermal Syndicate Limited, Walsend-on-Tyne, England. Process for and apparatus for use in moulding articles of fused quartz. 1,932,402; Oct. 31.
- Von Becker, Reinhold, Darmstadt, Germany, and Jesdimir Djordjevitich, Paris, France. Carburetor. 1,917,562; July 11.
- Von Berthrab, Hermann, Berlin-Halensee, Germany. Geodetic instrument. 1,909,923; May 16.
- Von Bichowsky, Foord, Glendale, Calif. Preparing titanium dioxide. 1,902,203; Mar. 21.
- Von Bichowsky, Foord, Glendale, Calif. Producing pigments containing titanium. 1,902,204; Mar. 21.
- Von Bichowsky, Foord, Glendale, Calif. Producing titanium sulphates. 1,915,393; June 27.
- Von Bramer, Harold, and J. W. Zabriskie, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of halogenated hydroquinone. 1,912,744; June 6.
- Von Bretthorst, Karl, Loda, Ill. Scraper and cleaner for tractor wheels. 1,932,054; Oct. 24.
- Von Brockdorff, Rudolf, Munich, Germany, assignor to Schutte and Koerting Company, Philadelphia, Pa. Electric heating element. 1,897,089; Feb. 14.
- Von Buehnen, William F. (See Ouss, A. A., and von Buehnen.)
- Von Conta, Walther, Brooklyn, N. Y. Safety pin carding machine. 1,922,608; Aug. 15.
- Von Delwig, Carl. (See Kalling, B. M. S., and Von Delwig.)
- Von der Horst, Frederick, assignor to The Tribune Company, Chicago, Ill. Roll handling device. 1,901,482; Mar. 14.
- Vonderwahl, Ernest, Geneva, Switzerland, assignor to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of methyl ether of tertiary butyl meta cresol. 1,927,053; Sept. 19.
- Vondicakis, George. (See Cavano, J. P., and Vondicakis.)
- Vondra, Karel, Kysperk Nad Orlici, Czechoslovakia. Automatic clutch for motor vehicles and the like. 1,937,211; Nov. 28.
- Von Eisenbarth, August, Bronxville, assignor to Wechsler Silk Corporation, New York, N. Y. Textile fabric. Des. 89,747; May 2.
- Von Eisenbarth, August, assignor to Ameritex-Sudanette, Div. of Cohn-Hall-Marx Company, New York, N. Y. Textile fabric. Des. 90,603; Aug. 29.
- Von Ezdorf, Richard, Oneida, N. Y. Combination telephone stand and telephone bookholder. Des. 89,063; Jan. 17.
- Von Ficht, Katharine, Chicago, Ill. Curtain fastener. 1,895,951; Jan. 31.
- Von Fischer, Waldemar, assignor to Fa. Richard Biel, Hamburg, Germany. Tilting device for sliding windows. 1,906,026; Apr. 25.
- Von Frankenberg, Arthur, New York, N. Y. Receptacle. 1,902,978; Mar. 28.
- Von Freydorf, Rudolf C. (See Scheel, J. E., Bull and von Freyhoff.)
- Von Frommer, Rudolf, Budapest, Hungary. Tool holder. 1,895,057; Jan. 24.
- Von Frommer, Rudolf, Budapest, Hungary. Back sight for firearms. 1,896,926; Feb. 7.
- Von Frommer, Rudolf, Budapest, Hungary. Trigger and safety device for firearms. 1,911,859; May 30.
- Von Frommer, Rudolf, Budapest, Hungary. Air cooler for firearms. 1,913,254; June 6.
- Von Frommer, Rudolf, Budapest, Hungary. Magazine for repeating rifles. 1,913,255; June 6.
- Von Gerdanovits, Viktor, Temesvar, Rumania. Producing photographic screens. 1,899,248; Feb. 28.
- Von Girsewald, Conway, Frankfort-on-the-Main, Hans Siegens, Horrem, near Cologne, and Martin Marschner, Frankfort-on-the-Main, assignors to Metallgesellschaft Aktiengesellschaft, Frankfort-on-the-Main, Prussia, Germany. Producing alumina. 1,894,208; Jan. 10.
- Von Girsewald, Conway, Baron, and W. Siecke, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Eliminating arsenic from acids, particularly sulphuric acid. 1,894,720; Jan. 17.
- Von Girsewald, Conway, Baron H. Weidmann, and G. Roesner, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of alkali phosphates from metal phosphorus compounds. 1,903,582; Apr. 11.
- Von Girsewald, Conway, Baron, and E. Stahl, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of sulphates. 1,918,355; July 18.
- Von Girsewald, Conway, Baron, and H. Weidmann, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of alkali phosphates. 1,938,057; Dec. 5.
- Von Glahn, George J., Brooklyn, N. Y. Pipe connection. 1,913,222; June 6.
- Von Gruber, Otto. (See Bauersfeld, W., and von Gruber.)
- Von Hacht, William H., San Francisco, Calif. License plate holder. 1,898,024; Feb. 21.
- Von Heinrich, Friedrich, assignor of one-half to National Bank of Hungary, Budapest, Hungary. Production of genuine watermark papers without using relief molds. 1,901,049; Mar. 14.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Electric switch. 1,907,688; May 9.
- Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Tubing cutter. 1,930,295; Oct. 10.
- Von Hoessle, Carl H., assignor to Chemische Fabrik Von Heyden A. G., Reidebeul, near Dresden, Germany. Making colloidal solutions of inorganic substances in polyalcohols. 1,922,006; Aug. 8.
- Von Hofe, Christian, and J. Schier, Vienna, Austria, assignors to Actiengesellschaft C. P. Goerz Optische Anstalt Actiova Spolecnost K. P. Goerz Opticky Ustav, Pressburg, Bratislava, Czechoslovakia. Box shaped water level. 1,902,387; Mar. 21.
- Von Hofe, Christian, Vienna, Austria, and J. Boykow, Berlin-Lichterfelde, Germany, assignors to Czechoslovak Company: Actiengesellschaft C. P. Goerz Optische Anstalt Actiova Spolecnost K. P. Goerz Opticky Ustav, Pressburg, Czechoslovakia. Apparatus for determining the speed of flight of aircraft. 1,903,886; Apr. 18.
- Von Hofe, George W. (See Thorsen, Peter, and von Hofe.)
- Von Kalmann, Robert, Dusseldorf-Oberkassel, Germany. Lubricating pump. 1,906,779; May 2.
- Von Keussler, Otto, and D. Peters, Darmstadt, Germany. Simultaneously and continuously dehydrating and rectifying raw ethyl alcohol. 1,935,529; Nov. 14.
- Von Knilling, Walter. (See Meiser, W., Geisel, and von Knilling.)
- Von Knilling, Walter, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of condensation products of a urea and formaldehyde. 1,920,451; Aug. 1.
- Von Korshenewsky, Nicolai, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 1,917,348; July 11.
- Von Lepel, Egbert, New York, N. Y. Source of light and operating the same. 1,919,490; July 25.
- Von Mayrhauser, Kurt, Kiel, Germany, assignor to Nederlandschen Technischen Handel Maatschappij "Giro." Angle-measuring device. 1,926,251; Sept. 12.
- Von Mehren, Oswald D., New York, N. Y. Cigar and cigarette lighter. 1,935,489; Nov. 14.
- Von Mehren, Oswald D., New York, N. Y., assignor to Mehren Lock Co., Inc., Clifton, N. J. Key. 1,899,739; Feb. 28.
- Von Melzer, Tibor, Budapest, Hungary. Supporting oscillating masses. 1,927,380; Sept. 19.
- Von Mihály, Dénes, Berlin-Wilmersdorf, assignor to Telephon Aktien Gesellschaft, Berlin-Charlottenburg, Germany. Glow tube. 1,933,832; Nov. 7.
- Vonnegut Hardware Company. (See Powell, John F., assignor.)
- Vonnegut Hardware Company. (See Prinzler, Carl J., assignor.)
- Von Nessen, Walter, New York, N. Y., assignor to Efcollite Corporation, Trenton, N. J. Electric lighting fixture. 1,904,703; Apr. 18.
- Von Nessen, Walter, New York, N. Y., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Smoker's stand. 1,907,226; May 2.
- Von Normann, Alfred G., assignor to Trumbull Electric Manufacturing Company, Pacific Division, Seattle, Wash. Safety switch. 1,894,074; Jan. 10.
- Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. System and apparatus for electric regulation. 1,901,882; Mar. 21.
- Von Ohlsen, Louis H., and F. W. Godsey, jr., New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. System and apparatus for regulation. 1,914,545; June 20.

- Von Ohlsen, Louis H., and F. W. Godsey, jr., New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. System and apparatus for regulation. 1,917,472; July 11.
- Von Ohlsen, Louis H., and F. W. Godsey, jr., New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. System and apparatus for regulation. 1,917,473; July 11.
- Von Ohlsen, Louis H., and F. W. Godsey, jr., New Haven, Conn., assignors to The Safety Car Heating & Lighting Company. System and apparatus for regulation. 1,917,474; July 11.
- Von Okolicsanyi, Franz, Nuremberg, Germany. Picture assembling apparatus for television receivers. 1,923,520; Aug. 22.
- Von Pein, Edward J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,904,964; Apr. 18.
- Von Pein, Edward J., Dayton, Ohio, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Scale device. 1,939,091; Dec. 12.
- Von Pein, Edward J., and Frank Showalter, assignors to Dayton Scale Company, Dayton, Ohio. Weight recorder. 1,914,388; June 20.
- Von Platen, Baltzar C., Stockholm, Sweden. Electric machine. 1,905,660; Apr. 25.
- Von Platen, Baltzar C., Stockholm, Sweden. Electric machine. 1,916,241; July 4.
- Von Platen, Baltzar C., and L. A. G. Reiland, Stockholm, Sweden. Electric machine. 1,916,240; July 4.
- Von Platen, Baltzar C., and C. G. Munters, Stockholm, Sweden, assignors to Electrolux Serval Corporation, New York, N. Y. Refrigeration. Re19,007; Nov. 21.
- Von Platen, Baltzar C., and C. G. Munters, Stockholm, Sweden, assignors to Electrolux Serval Corporation, New York, N. Y. Refrigeration. 1,915,584; June 27.
- Von Platen, Baltzar C., and C. G. Munters, Stockholm, Sweden, assignors to Electrolux Serval Corporation, New York, N. Y. Refrigeration. 1,920,612; Aug. 1.
- Von Reis, Lambert Herzogenrath, Germany, assignor, by mesne assignments, to The American Bicheroux Company. Apparatus for conveying glass sheets. 1,931,628; Oct. 24.
- Von Reppert, Richard, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 1,924,140; Aug. 29.
- Von Reppert, Richard, Hartford, Conn., assignor, by mesne assignments, to Elliott-Fisher Company, New York, N. Y. Combined typewriting and computing machine. 1,928,656; Oct. 3.
- Von Rosenberg, Guido. (See Holzach, K., and von Rosenberg.)
- Von Ruden, Edward J., Cashton, Wis. Water heater. 1,899,839; Feb. 28.
- Vonrüti, Hans, assignor to Swiss Locomotive and Machine Works, Winterthur, Switzerland. Fuel-injection valve for internal-combustion engines. 1,898,751; Feb. 21.
- Vonrüti, Hans, assignor to Firm Schweizerische Lokomotiv- und Maschinenfabrik, Winterthur, Switzerland. Fuel pump for internal combustion engines. 1,898,916; Feb. 21.
- Von Sanden, Frederick W., Seattle, Wash. Wood preserver composition. 1,893,310; Jan. 3.
- Von Schlegell, Frederick, Pasadena, Calif. Golf practice and game apparatus. 1,940,033; Dec. 19.
- Von Seggern, Ernest A., Los Angeles, and H. E. von Seggern, Escondido, Calif. Liquid refrigerant control means for refrigerating systems. 1,898,277; Feb. 21.
- Von Seggern, Henry E. (See von Seggern, Ernest A. and H. E.)
- Von Seldeneck, L. A., et al. (See Motti, Frederick R., assignor.)
- Von Seth, Rutger H., Avesta, and Bo M. S. Kalling, Djursholm, assignors to A. Johnson & Co., Stockholm, Sweden. Purifying iron from sulphur. 1,923,286; Aug. 22.
- Von Szombathy, Koloman, Dortmund, Germany. Producing pure sulphur from crude materials containing sulphur in an uninterrupted operation. 1,936,959; Nov. 28.
- Von Thil, Louis A., Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap or similar article. Des. 89,809; May 2.
- Von Webern, Guido. (See Casto, L. V., and von Webern.)
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Apparatus for scraping and distributing pigment material. 1,934,750; Nov. 14.
- Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Impression-transferring apparatus. 1,934,751; Nov. 14.
- Von Webern, Guido, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Graining machine. 1,894,966; Jan. 24.
- Von Webern, Guido, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Surface decorating machine. 1,900,030; Mar. 7.
- Von Wedel, Carl J. R. H. (See Spanner, H. J., and von Wedel.)
- Von Wedel, Carl J. R. H., Newark, N. J., assignor, by mesne assignments, to Electrons, Inc. Discharge tube. Re18,798; Apr. 18.
- Von Wedel, Carl J. R. H., Berlin, Germany, assignor, by mesne assignments, to Electrons, Inc. Electrical discharge tube. 1,923,521; Aug. 22.
- Von Wedel, Carl J. R. H., Berlin, Germany, assignor, by mesne assignments, to Electrons, Inc. Electron tube. 1,929,661; Oct. 10.
- Von Wedel, Carl J. R. H., Hilversum, Netherlands, assignor to Electrons, Inc. Gas-filled tube. 1,929,043; Oct. 3.
- Von Wilmowsky, Felix, New York, N. Y. Applying the gum hydrocarbons. 1,933,573; Nov. 7.
- Von Winkler Laboratories, Incorporated. (See Winckler, Walter T., assignor.)
- Von Wolforsdorf, Hans, Wheaton, Ill. Can opener. 1,935,680; Nov. 21.
- Von Zeerleder, Alfred, assignor to Aluminium Industrie Aktiengesellschaft, Neuhausen, Switzerland. Electroplating with aluminum. 1,904,107; Apr. 18.
- Voegt, George, Hamburg, Germany, assignor to Shell Development Company, San Francisco, Calif. Recovering the oil-soluble sulphonic compounds formed in the acid refining of mineral oils. 1,901,383; Mar. 14.
- Voorhees, Daniel W., jr., Peru, Ill. Steel wheel. 1,905,661; Apr. 25.
- Voorhees, Gardner T., Boston, Mass. Aircraft. 1,938,234; Dec. 5.
- Voorhees, John S., Derby, Conn. Reeling means. 1,901,050; Mar. 14.
- Voorhees, Vanderveer. (See Sullivan, F. W., and Voorhees.)
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Insectifuge. 1,894,604; Jan. 17.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Hydrogen preparation. 1,904,908; Apr. 18.
- Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Distillation. 1,921,850; Aug. 8.
- Voorhees, Walter K., Cedar Falls, Iowa. Boat wharf. 1,912,049; May 30.
- Voorhies, George A., Youngstown, Ohio. Hand scudding beam. 1,929,961; Oct. 10.
- Voorhoeve, Nicholas A. J. (See Jansen, M. J., Vermeulen, and Voorhoeve.)
- Voorries, Felix E. (See Jones, Oscar V., assignor.)
- Voortmann, Walter, Dortmund, Germany. Safety device for blasting charges employed in mining and similar work. 1,900,624; Mar. 7.
- Vopata, William O., Oak Park, Ill. Double compartment ampule. 1,929,616; Oct. 10.
- Vopel, Johannes, Berlin-Zehlendorf-Mitte, and R. Oetker, Berlin, assignors to Gesellschaft für Elektrische apparate m. b. H., Marienfelder near Berlin, Germany. Electrical distant control system. 1,895,240; Jan. 24.
- Vorbusch, Adolph H. (See Schwarz, R. G., and Vorbusch.)
- Vorce, Nello A. (See Hulland, E. J., and Vorce.)
- Vorech, Stephen. (See Eater, W. A., and Vorech.)
- Vorech, Stephen. (See Johnson, S., jr., and Vorech.)
- Vorech, Stephen. (See Lobe, P. L., and Vorech, assignors.)
- Vorress, Clyde L., Charleston, W. Va. Cleaning fluid. 1,921,054; Aug. 8.
- Voris, Russell T. (See Sachs, W. H., and Voris.)
- Vorländer, Daniel, Halle Saale, and A. Lainau, Pfützendorf near Gerlebobgk, Germany. Preparing ammonium sulphate. 1,925,739; Sept. 5.
- Vormann, Ernst. (See Bernhardt, O., and Vormann.)
- Vortex Cup Company. (See Barbieri, Cesare, assignor.)
- Vortex Cup Company. (See Bares, R., and Wood, assignors.)
- Vortex Cup Company. (See Fenner, Robert C., assignor.)
- Vortex Mfg. Co. The. (See String, James E., assignor.)
- Vortex Wing Corporation. (See Montgomery, Jay H., assignor.)
- Vortex Manufacturing Company. (See Garner, Herman H., assignor.)
- Vortex Manufacturing Company. (See Garner, H. H., Nohavee, and Hopkins, assignors.)
- Vos, Mauritz, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Elimination of distortion in telephone lines. 1,930,732; Oct. 17.
- Vos, Mauritz, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Converting the frequency of electric oscillations. 1,934,574; Nov. 7.
- Vos, Mauritz, and T. Laurent, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electrical network. 1,920,041; July 25.
- Vosbikian, Peter S., and T. S. Vosbikian, Philadelphia, Pa.; said Peter S. Vosbikian, assignor to said Thomas S. Vosbikian. Grass shears. 1,931,045; Oct. 17.
- Vosbikian, Thomas S. (See Vosbikian, Peter S. and T. S.)
- Vose, Gardiner C., assignor to International Radio Corporation, Ann Arbor, Mich. Radiocabinet. Des. 90,172; June 20.
- Vose, Lewis S., Needham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Timer for weft detectors of box looms. 1,895,829; Jan. 31.
- Vose, Lewis S., Needham, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Restarting controller for shuttle changing looms. 1,929,224; Oct. 3.

- Vosper, Waynard R., assignor to The Toledo Pipe Threading Machine Company, Toledo, Ohio. Pipe tool. 1,938,987; Dec. 12.
- Vosper, Waynard R., and W. W., assignors to The Toledo Pipe Threading Machine Co., Toledo, Ohio. Pipe tool. 1,912,050; May 30.
- Vosper, William W. (See Vosper, Waynard R. and W. W.)
- Voss, Arley H., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Producing rubber articles. 1,897,626; Feb. 14.
- Voss, Arthur. (See Jochum, K., Voss, Geier, and Dickhauser.)
- Voss, Arthur. (See Kränzlein, G., Dickhäuser, and Voss.)
- Voss, Arthur. (See Kranzlein G., Voss, and Starck.)
- Voss, Arthur, Frankfort-on-the-Main, E. Dickhäuser, Gersthofen, near Augsburg, and W. Starck, Hofheim-on-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Mixed polymerization products and preparing them. 1,939,422; Dec. 12.
- Voss, John H., Berwyn, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,910,415; May 23.
- Voss, Julius. (See Schmidt, M. P., and Voss.)
- Voss, Julius, Wiesbaden-Biebrich, Germany, assignor to The Visking Corporation, Chicago, Ill. Printed regenerated cellulose and producing it. 1,929,394; Oct. 3.
- Voss, Walter K., Davenport, Iowa. Cover-supporting means for washing machines and the like. 1,926,219; Sept. 12.
- Votava, Joseph P., Chicago, Ill. Water heater. 1,926,661; Sept. 12.
- Vowinkel, Frank J., Drexel Hill, Pa. Pipe or conduit clamp for use in structural iron. 1,893,116; Jan. 3.
- Vragel, Alice M., Rochester, N. Y. Pie ventilator. 1,929,798; Oct. 10.
- Vreeland Corporation. (See Vreeland, Frederick K., assignor.)
- Vreeland, Frederick K., Montclair, N. J. Governing the output of electrical amplifiers. 1,926,129; Sept. 12.
- Vreeland, Frederick K., Montclair, assignor to Vreeland Corporation, Hoboken, N. J. Radiofrequency amplifier. 1,903,394; Apr. 4.
- Vreeland, George W. (See Williams, J. C., Williamson, Echols, Hunt, and Vreeland.)
- Vroom, Guysbert B., U. S. Navy. Cleaning boiler and condenser tubes. 1,920,283; Aug. 1.
- Vrooman, William S. (See Paine, E. E., and Vrooman.)
- Vrooman, William S., assignor to The Paine and Williams Company, Cleveland, Ohio. Automobile running board and the like. 1,905,769; Apr. 25.
- Vrooman, William S., assignor to The Paine and Williams Company, Cleveland, Ohio. Mat for automobile running boards and the like. 1,907,689; May 9.
- Vucassovich, Michel P., Gloucester, Mass. Method of and apparatus for preparing fish and fillets for storage. 1,921,055; Aug. 8.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Compression bulb for atomizers or the like. Des. 89,978; May 23.
- Vuilleminot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. Des. 90,036; May 30.
- Vuilleumier, Albert, assignor to The New Departure Manufacturing Company, Bristol, Conn. Abrading machine. 1,893,213; Jan. 3.
- Vuilleumier, Albert, assignor to The New Departure Manufacturing Company, Bristol, Conn. Shaping or dressing apparatus. 1,896,533; Feb. 7.
- Vulcan Asbestos Cement Company, Limited, The. (See Wright, Arthur H. J., assignor.)
- Vulcan Detinning Company, The. (See Butterfield, William J., assignor.)
- Vulcan Radiator Company. (See Clarke, Walter R., assignor.)
- Vulcan Soot Blower Corporation. (See Arey, Fred C., assignor.)
- Vulcan Steel Products Company, The. (See Easter, George C., assignor.)
- Vultex Corporation of America. (See Townsend, Henry B., assignor.)
- Vykoupil, Karel, Mariampol, Lithuania. Evaporator. 1,902,533; Mar. 21.
- Vyn, Arend, Grand Haven, Mich. Casting machine. 1,924,221; Aug. 29.
- W. & B. Company. (See Wardwell, H. F., and Bladin, assignors.)
- W-K-M Company, Inc. (See Cummings, J. D., and Eichenberg.)
- Waap, Fritz, Dresden, Germany. Obtaining supporting power for aircraft. 1,937,212; Nov. 28.
- Waaser, John E., sr., East Mauch Chunk, Pa. Direction indicator. 1,898,919; Feb. 21.
- Wabash Portland Cement Company. (See Palmer, Lester E., assignor.)
- Wachenheimer, Harry, Providence, R. I. Ornamental chain. 1,893,256; Jan. 3.
- Wachenheimer, Harry, Providence, R. I. Clasp. 1,895,952; Jan. 31.
- Wachman, John, and G. B. Sippel, Cincinnati, Ohio, assignors, by mesne assignments, to Standard Brand Incorporated. Starch conversion product and making same. 1,916,872; July 4.
- Wachowitz, Walter J., assignor to Alloy Products Corporation, Milwaukee, Wis. Can washing device. 1,925,353; Sept. 5.
- Wachter, Francis J., et al. (See Howell, Harry L., assignor.)
- Wachter, Frank C. (See Keefer, Clarence E., and Wachter.)
- Wachter, Lester. (See Anthony, W. C., and Wachter.)
- Wachwitz, Heinrich, Nuremberg, Germany, assignor to Vereinigte Silberhammerwerke Hetzel & Co., Nuremberg, Germany. Welding aluminum, or alloys thereof to other metals. 1,898,917; Feb. 21.
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Ascherl, A., and Gruber, assignors.)
- Wacker, Alexander, Dr., Gesellschaft für Elektrochemische Industrie. (See Ernst, Paul, assignor.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Halbig, Paul, assignor.)
- Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Halbig, P., and Kaufner, assignors.)
- Wacker, Frederick G., and H. W. Zimmerman, assignors to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool. 1,912,025; May 30.
- Wacker, George W. (See Langley, R. H., and Wacker.)
- Wacker, George W., and R. H. Langley, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Condenser gang drive. 1,939,933; Dec. 19.
- Wacker, Herbert E., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,940,895; Dec. 26.
- Wackerly, Harry A., assignor to The Morgan Engineering Company, Alliance, Ohio. Electric motor control system. 1,906,889; May 2.
- Wackman, Louis B., St. Louis, Mo. Bushing and solder sealed cap therefor for metallic containers. 1,905,969; Apr. 25.
- Wackman, Louis B., St. Louis, Mo. Making containers and chimes therefor. 1,924,893; Aug. 29.
- Wackman, Louis B., St. Louis, Mo. Securing bushing mountings for metallic drums. 1,931,243; Oct. 17.
- Wackman, Louis B., St. Louis, Mo. Plug bushing and inner seal therefor. 1,939,934; Dec. 19.
- Waco Aircraft Company, The. (See Arcier, A. F., and Gibson, assignors.)
- Wadd, Roy J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Crane type charger. 1,905,195; Apr. 25.
- Waddell, William G. (See Murphy, T. W., Otis, and Waddell, assignors.)
- Waddell, Benson F. (See Dollin, E. N., and Waddell.)
- Waddell, Myron C., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Purifying technical sodium pyrosilicate hydrates. 1,931,364; Oct. 17.
- Waddell, William, assignor, by mesne assignments, to Continental Aircraft Engine Company, Detroit, Mich. Reduction drive for engines. 1,929,196; Oct. 3.
- Wade & Butcher Corporation. (See Sheehan, Thomas C., assignor.)
- Wade, Charles, Arlington, Mass. Controlling apparatus for automobile signal systems. 1,923,343; Aug. 22.
- Wade, Elmer J. (See McEachron, K. B., and Wade.)
- Wade, Harold. (See Bonamico, Charles, assignor.)
- Wade, Jephtha A., Maplewood, N. J. Valve. 1,936,650; Nov. 28.
- Wade, Raymond B., Swampscott, Mass., assignor to General Electric Company. Shaft bearing. 1,900,593; Mar. 7.
- Wade, Wallace G. (See Freeman, H. M., and Wade.)
- Wadert Co. (See Stuckert, Alfred E., assignor.)
- Wadewitz, Martin, and R. Elssner, Elizabethton, Tenn., assignors to American Glanzstoff Corporation, New York, N. Y. Manufacture of dull luster artificial silk. 1,922,903; Aug. 15.
- Wadman, Harold A., assignor to Hartford-Empire Company, Hartford, Conn. Glassware annealing leer and drift controlling apparatus therefor. 1,896,874; Feb. 7.
- Wadman, Harold A., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for melting glass. 1,897,973; Feb. 14.
- Wadman, Harold A., assignor to Hartford-Empire Company, Hartford, Conn. Forehearth of glass melting furnaces. 1,905,533; Apr. 25.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of making glass. 1,905,534; Apr. 25.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Automatic charge guide adjusting mechanism for glass feeding apparatus. 1,917,199; July 4.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Electrically heated tank for glass. 1,933,527; Oct. 31.
- Wadsted, Bengt, Berlin, Germany, assignor to Kunst-dunger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Leaching phosphate rock with nitric acid and ammonium sulphate. 1,936,316; Nov. 21.
- Wadsten, Sten, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Coil-winding die. 1,929,156; Oct. 3.
- Wadsten, Sten, Bloomfield, N. J., assignor to Westinghouse Lamp Company. Die making. 1,933,355; Oct. 31.
- Wadsworth, Arthur B., Fort Thomas, assignor to The Wadsworth Watch Case Co., Dayton, Ky. Watch case. 1,907,909; May 9.
- Wadsworth, Daniel M. (See Gillespie, W. F., and Wadsworth.)
- Wadsworth Electric Manufacturing Company, The. (See Kuhlman, L. G., and Landmeier, assignors.)

- Wadsworth Electric Manufacturing Company, The. (See Schafer, George W., assignor.)
- Wadsworth, Frank L. O. (See Angell, R. C. and Wadsworth.)
- Wadsworth, George B., Covington, Ky. Banking switch construction. 1,924,668; Aug. 29.
- Wadsworth, George E., Erlanger, Ky., assignor to The Earl Electric Mfg. Company, Cincinnati, Ohio. Electrical fuse plug support. 1,917,860; July 11.
- Wadsworth, George E., Erlanger, Ky., assignor to The Earl Electric Mfg. Company, Cincinnati, Ohio. Fuse mounting block. 1,917,861; July 11.
- Wadsworth, George E., Erlanger, Ky., assignor to The Earl Electric Mfg. Company, Cincinnati, Ohio. Fuse mounting block. 1,917,862; July 11.
- Wadsworth, James. (See Reinhart, Howard A. and H. W., and Wadsworth.)
- Wadsworth, Leslie H. (See Wurzbach, H. E., and Wadsworth.)
- Wadsworth, Paul W. (See Pruden, H. M., and Wadsworth.)
- Wadsworth, Paul W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 1,909,438; May 16.
- Wadsworth Watch Case Company, The. (See Koch, Elmer G., assignor.)
- Wadsworth Watch Case Co., The. (See Wadsworth, Arthur W., assignor.)
- Wadsworth Watch Case Company, The. (See Weingartner, George A., assignor.)
- Wachner, Paul E., Brooklyn, N. Y. Receptacle. 1,905,955; Apr. 25.
- Waffer, George C., Oswego, assignor to Pierce, Butler, & Pierce Manufacturing Corporation, New York, N. Y. Making boilers. 1,934,021; Nov. 7.
- Wagenbach, Anton, Elberfeld, Germany. Bending machine. 1,903,799; Apr. 18.
- Wagener, Carnot R., Cincinnati, Ohio. Horseshoe. 1,938,471; Dec. 5.
- Wagener, Clemens. (See Schmidt, K., and Wagener.)
- Wagenhals, William G., Detroit, Mich. Operating device for animated display signs. 1,897,918; Feb. 14.
- Wagenhals, William G., Detroit, Mich. Pendulum solenoid motor. 1,931,778; Oct. 24.
- Wagenhorst, James H., Detroit, Mich. Cabinet for arc lamps. 1,901,384; Mar. 14.
- Wagenhorst, James H., Detroit, Mich. Rim end connecting device. 1,903,566; Apr. 11.
- Wagenhorst, James H., Detroit, Mich. Arc lighting apparatus. 1,918,725; July 18.
- Wagenhorst, James H., Detroit, Mich. Arc lamp. 1,938,236; Dec. 5.
- Wagenhorst, James H., Detroit, Mich. Arc lamp cabinet. 1,938,237; Dec. 5.
- Wagenhorst, James H., Jackson, Mich. Vehicle wheel. 1,916,747; July 4.
- Wagenhorst, James H., Jackson, Mich. Arc lamp. 1,929,295; Oct. 3.
- Wagenhorst, James H., Jackson, Mich. Vehicle wheel. 1,938,235; Dec. 5.
- Wagenhorst, James H., Jackson, Mich. Automobile wheel. 1,939,328; Dec. 12.
- Wagenhorst, James H., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 1,925,738; Sept. 5.
- Wagenhorst, James H., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 1,939,935; Dec. 19.
- Wagenius, C., et al. (See Christensen, John L., assignor.)
- Wagman, William H. (See Memminger, C. G., Wagman, Gooch, and Kerschbaum.)
- Waggoner, Frank H., and J. J. Josephs, Philadelphia, Pa., assignors to The Sikes Company. Chair structure. 1,938,879; Dec. 12.
- Waggoner, Ralph, assignor to Marbelite Corporation of America, Los Angeles, Calif. Reinforced column. 1,919,491; July 25.
- Waggoner, Isaac N., and A. E. Skeats, San Diego, Calif. Extracting minerals from ore. 1,936,002; Nov. 21.
- Wagner, August J., Grenloch, N. J. Lawn mower attachment. 1,918,357; July 18.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing gasoline. 1,913,691; June 13.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Extracting hydrogen sulphide from refinery gases. 1,918,153; July 11.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing gasoline. 1,934,896; Nov. 14.
- Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing gasoline. 1,938,945; Dec. 12.
- Wagner, Cary R., and R. Stahl, Chicago, Ill., assignors to Gyro Process Company, Detroit, Mich. Oil converter. 1,916,450; July 4.
- Wagner, Charles F. (See Evans, R. D., Fortescue, Crichton, MacNeill, Griscorn, and Wagner.)
- Wagner, Charles F. (See Griscorn, S. B., and Wagner.)
- Wagner, Charles F., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulating apparatus. 1,922,182; Aug. 15.
- Wagner, Charles F., Swissvale, and L. R. Golladay, East Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Transmission-line device. 1,901,572; Mar. 14.
- Wagner, Charles H., Washington, D. C. Stick-loading apparatus for stick carriers. 1,929,340; Oct. 3.
- Wagner, Charles L. (See Wagner, Henry H., and C. L.)
- Wagner, Charles L., Boonton, N. J., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Multiple stage pulp washer. 1,933,609; Nov. 7.
- Wagner, Charles L., Boonton, N. J., and H. Freeman, Shawinigan Falls, Quebec, Canada, assignors to J. O. Ross Engineering Corporation, New York, N. Y. Recovering chemicals from waste liquors. 1,900,320; Mar. 7.
- Wagner, Chester I., Holyoke, Mass. Paper fastener. 1,936,144; Nov. 21.
- Wagner, Earl J., et al. (See Neifert, G. W., and Kutz, assignors.)
- Wagner, Edwin S., Hershey, Pa. Safety switch control. 1,914,056; June 13.
- Wagner Electric Corporation. (See Baker, Paul W., assignor.)
- Wagner Electric Corporation. (See Brunner, Albert, assignor.)
- Wagner Electric Corporation. (See Dick, Burns, assignor.)
- Wagner Electric Corporation. (See Dick, B., and Schnell, assignors.)
- Wagner Electric Corporation. (See Gunderman, Lester S., assignor.)
- Wagner Electric Corporation. (See Reardon, Earl T., assignor.)
- Wagner Electric Corporation. (See Schnell, Steve, assignor.)
- Wagner Electric Corporation. (See Weichsel, Hans, assignor.)
- Wagner Electric Corporation. (See Wulfert, Otto, assignor.)
- Wagner, Emanuel E., Lamar, Mo. Swing. 1,933,489; Oct. 31.
- Wagner, Emanuel E., and J. A. Frow, Lamar, Mo. Swing. 1,930,375; Oct. 10.
- Wagner, Frederick H., Baltimore, Md. Dust extractor. 1,940,196; Dec. 19.
- Wagner, Frederick H., Baltimore, Md. Gas cleaner. 1,940,197; Dec. 19.
- Wagner, Frederick H., Baltimore, Md. Apparatus for cleaning gas. 1,940,198; Dec. 19.
- Wagner, Frederick H., Baltimore, Md. Dust extractor. 1,940,199; Dec. 19.
- Wagner, Frederick P. (See Brauer, A. J., and Wagner.)
- Wagner, Fritz, Berlin-Lichterfelde, assignor to Fritz Wagner and Co., Berlin, Germany. Boiler feed system. 1,936,545; Nov. 21.
- Wagner, Fritz, and Co. (See Wagner, Fritz, assignor.)
- Wagner, Glenn H. (See Gitzen, W. H., and Wagner.)
- Wagner, Glenn H., Belleville, assignor, by mesne assignments, to National Aluminate Corporation, Chicago, Ill. Making dry sodium aluminate. 1,923,464; Aug. 22.
- Wagner, Gottlob F., Russdorf, near Oberfrohna, Germany. Circular warp knitting machine. 1,935,490; Nov. 14.
- Wagner, Günther. (See Simon, Hans, assignor.)
- Wagner, Henry H. and C. L., assignors of one-third to Omer Wray, Pickering, Mo. Fowl nest. 1,904,809; Apr. 18.
- Wagner, Henry J., La Salle, assignor to Western Clock Company, Peru, Ill. Watch dial or similar article. Des. 90,144; June 13.
- Wagner, Herbert E. (See Murdock, G. R., Johnson, and Wagner.)
- Wagner, Hermann, Soden-on-the-Taunus, and H. Kracker, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuff and fiber dyed therewith. 1,916,778; July 4.
- Wagner, Hermann, Bad Soden-on-Taunus, and H. Kracker, Frankfurt-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New 1,4-dialkoxybenzene compounds. 1,919,580; July 25.
- Wagner, Ida A., et al. (See Wagner, Paul R., assignor.)
- Wagner, John A., Decatur, Ill. Marker unit. 1,905,612; Apr. 25.
- Wagner, John L. (See Meyrowitz, E. B., and Wagner.)
- Wagner, Joshua, assignor to Diagonal Corrugated Patent Corporation, Brooklyn, N. Y. Method and machine for applying adhesive to diagonally seamed box blanks. 1,912,553; June 6.
- Wagner, Karl F., Stuttgart, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, Newark, N. J. Automatic die-casting apparatus. 1,895,596; Jan. 31.
- Wagner, L. A. (See Williams, William J., assignor.)
- Wagner, Marcel, Pfaffstätt, Haut-Rhin, France. Fastening for overlapping roofing plates. 1,909,559; May 16.
- Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturgen, Germany. Variable speed transmission gear. 1,909,242; May 16.
- Wagner, Paul R., Culver City, assignor of one-third to I. A. Wagner, Culver City, Calif., and one-third to C. T. Grove, Great Falls, Mont. Device for beach equipment. 1,930,404; Oct. 10.
- Wagner, Richard E., Rockaway Park, N. Y. Water softening apparatus. 1,905,021; Apr. 25.
- Wagner, Richard E., Rockaway Park, N. Y. Water softening apparatus. 1,911,412; May 30.
- Wagner, Richard P., Berlin, Germany. Connecting rod connection. 1,904,180; Apr. 18.
- Wagner, Richard P., Berlin-Lichterfelde, Germany. Booster. 1,904,181; Apr. 18.
- Wagner, Richard P., Berlin-Lichterfelde, Germany, assignor to The Superheater Company, New York, N. Y. Superheater. 1,935,068; Nov. 14.

- Wagner, Robert E., Lakewood, Ohio. Desk. 1,920,452; Aug. 1.
- Wagner, Rudolf, Hamburg, Germany. Heat exchange apparatus. 1,910,486; May 23.
- Wagner, Theodore B., Brooklyn, N. Y. Metal organic phosphate and making same. 1,894,647; Jan. 17.
- Wagner, Tosca, Seattle, Wash. Brush for eyelashes and eyebrows. 1,905,399; Apr. 25.
- Wagner, Walter, Park Ridge, Ill. Map display device for motor vehicles. 1,902,884; Mar. 28.
- Wagner, William. (See Veit, Anton L., assignor.)
- Wagner, William E., Alton, Ill. Process and apparatus for oxidizing ammonia. 1,915,077; June 20.
- Wagner, William E., assignor to Western Cartridge Company, Alton, Ill. Double base propellant powder and making the same. 1,906,675; May 2.
- Wagner, William E., Alton, assignor to Western Cartridge Company, East Alton, Ill. Propellant powder and making the same. 1,924,967; Aug. 29.
- Wagner, William O., Inglewood, Calif. Combined accelerator pedal and switch for motor vehicles. 1,911,295; May 30.
- Wagstaff, James W., Youngstown, Ohio. Checker brick and checker work formed therefrom. 1,902,348; Mar. 21.
- Wahl, André. (See Lantz, R., and Wahl.)
- Wahl, Charles F., Wilmington, Del. Spark plug. 1,927,621; Sept. 19.
- Wahl Clipper Corporation. (See Brown, David B., assignor.)
- Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
- Wahl Company, The. (See Back, Robert, assignor.)
- Wahl Company, The. (See Illium, Herbert C., assignor.)
- Wahl Company, The. (See Kokscharoff, Johann, assignor.)
- Wahl Company, The. (See Wahl, John C., assignor.)
- Wahl, John, Rosedale, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Pressure gauge. 1,894,648; Jan. 17.
- Wahl, John, Rosedale, assignor to A. Schrader's Son, Inc., New York, N. Y. Deflating machine. 1,902,923; Mar. 28.
- Wahl, John, Rosedale, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Equalizing valve. 1,931,637; Oct. 24.
- Wahl, John, Rosedale, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Combined air chuck and gauge. 1,933,610; Nov. 7.
- Wahl, John C., assignor to The Wahl Company, Chicago, Ill. Mechanical pencil. 1,908,386; May 9.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Clipper blade control. 1,895,183; Jan. 24.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Vibrator control device. 1,906,027; Apr. 25.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Clipper attachment. 1,908,385; May 9.
- Wahl, Ottmar, Leverkusen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuff derived from indoline bases and preparing same. Re18,758; Mar. 7.
- Wahl, Ottmar, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing basic dyestuffs derived from indoline bases. 1,917,475; July 11.
- Wahl, Ottmar, Leverkusen-I. G. Werk, Werner Müller, Cologne-on-the-Rhine, A. Kohn, Leverkusen-I. G. Werk, and E. Teupel, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Triarylmethane dyestuff. 1,921,334; Aug. 8.
- Wahl, William F., assignor of one-tenth percent to A. C. Winters, Milwaukee, Wis. Antifetch construction for vehicle fuel tanks. 1,939,423; Dec. 12.
- Wahlberg, John, East Orange, N. J., assignor to Westinghouse Lamp Company. Combined coil winding and stretching machine. 1,923,898; Aug. 22.
- Wahlberg, Nils A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmission line device. 1,893,188; Jan. 3.
- Wahlberg, Nils A., assignor to Westinghouse Electric & Manufacturing Company, Wilkinsburg, Pa. Pole head for trackless trolleys. 1,927,906; Sept. 26.
- Wahlberg, Nils A., assignor to Westinghouse Electric & Manufacturing Company, Wilkinsburg, Pa. Current collector support. 1,927,907; Sept. 26.
- Wahlberg, Nils A., Derry, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc control device. 1,916,400; July 4.
- Wahlberg, Nils E., assignor to The Nash Motors Company, Kenosha, Wis. Making automobile frames. 1,709,910; May 9.
- Wahlberg, Nils E., assignor to The Nash Motors Company, Kenosha, Wis. Automobile frame. 1,893,721; Jan. 10.
- Wahlberg, Nils E., assignor to The Nash Motors Company, Kenosha, Wis. Clutch mechanism. 1,935,965; Nov. 21.
- Wahle's, August, San Diego, Calif. Lock nut. 1,925,064; Aug. 29.
- Walgren, Albert W., Calumet City, Ill., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Granulation of zinc chloride. 1,911,860; May 30.
- Wahlin, Fritz. (See Bransen, S., and Wahlin.)
- Wahlin, Fritz, assignor to Binks Manufacturing Company, Chicago, Ill. Hollow-cone-spraying nozzle. 1,938,000; Dec. 5.
- Wahlmark, Gunnar A., assignor of one-third to E. J. Svenson, and C. H. Rystrom, Rockford, Ill. Carburetor. 1,927,426; Sept. 19.
- Wahlquist, August, Bridgeport, assignor to The Stanley Works, New Britain, Conn. Device for cleaning flat rolled hot and cold rolled steel. 1,925,782; Sept. 5.
- Wahlsten, G. (See Lysholm, A., and Wahlsten.)
- Wahlsten, Gösta. (See Lysholm, A., Horney, and Wahlsten.)
- Wahlsten, Gösta L. B., assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Blade ring and producing blade rings. 1,915,562; June 27.
- Wahlstrom, Fred D., Chicago, Ill. Frame for displaying advertising cards. 1,894,803; Jan. 17.
- Wahlstrom, Oscar W., Dallas, Tex. Destructive distillation and carbonization of waste matter. 1,898,326; Feb. 21.
- Wahnish, George, New York, N. Y. Locking device for camera shutter-operating members. 1,927,427; Sept. 19.
- Wahrhaftig, Joseph, San Francisco, Calif., and D. G. Cullen, Detroit, Mich., assignors of twenty-two per cent to A. J. Levin, Franklin, Mich., and twenty-two per cent to J. C. Bequette, Los Angeles, Calif. Automobile motor and body supporting construction. 1,936,892; Nov. 28.
- Waidelich, John F., Jackson, Mich. Detachable heel lift. 1,924,141; Aug. 29.
- Wain, Harry J., New Brighton, assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. Des. 90,742; Sept. 19.
- Wainwright, Carlyle H. (See Bentley, P. A., Manger, and Wainwright.)
- Wainwright, Carlyle H. (See Bentley, P. A., Manger, Wainwright, and Buswell.)
- Wainwright, Charles, Erie, Pa. Compressor. 1,938,472; Dec. 5.
- Wainwright, Charles L., San Bernardino, Calif. Coin control amusement apparatus. 1,931,779; Oct. 24.
- Wainwright, Edw. Z., jr., deceased, Pittsburgh, Pa.; L. R. Bratton (formerly Ida R. Wainwright), executrix. Automobile key. 1,915,563; June 27.
- Wainwright, Harry A., assignor to McQuay-Norris Manufacturing Co. of Indiana, Inc., Connersville, Ind. Drilling or reaming machine. 1,896,059; Jan. 31.
- Wainwright, Lawrence, U. S. Navy. Universal joint. 1,899,170; Feb. 28.
- Wait, Charles L., Tulsa, Okla. Automatic valve. 1,893,462; Jan. 8.
- Wait, Clinton F., Pine Bluff, Ark. Levee machine. 1,903,399; Apr. 4.
- Wait, Edgar F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire construction. 1,915,963; June 27.
- Wait, Justin F., New York, N. Y. Preparing clays. 1,907,690; May 9.
- Wait, Justin F., Bronx, N. Y. Purifying liquids. 1,907,691; May 9.
- Wait, Justin F., New York, N. Y. Alkali metal process. 1,913,145; June 6.
- Wait, Justin F., New York, N. Y. Treating and using adsorptive surfaces. 1,930,572; Oct. 17.
- Wait, Justin F., Bronx, N. Y. Dyeing goods. 1,934,956; Nov. 14.
- Wait, Wesley, Newburgh, N. Y. Metallic column and girder. 1,911,413; May 30.
- Waite & Bartlett X-Ray Manufacturing Company. (See Bishop, Francis W., assignor.)
- Waite, Benjamin C., jr. (See Mershon, A. V., and Waite, jr., assignors.)
- Waite Carpet Company. (See Johnson, Elmer, assignor.)
- Waite Carpet Company. (See Kadlec, Charles, assignor.)
- Waite Carpet Company. (See Schomer, Henry J., assignor.)
- Waite Carpet Company. (See Waite, Philip C., assignor.)
- Waite, Harry F. (See Garretson, Harry D., assignor.)
- Waite, Harry F., New York, N. Y. Daylight fluoroscope. 1,936,342; Nov. 21.
- Waite, Philip C., assignor to Waite Carpet Company, Oshkosh, Wis. Patterned rug and making the same. 1,935,802; Nov. 14.
- Waite, Robert T., Blackpool, England, assignor of one-half to Robert E. Duckworth, Lytham St. Annes, England. Advertising apparatus. 1,934,107; Nov. 7.
- Waite, Sheridan C., Springville, N. Y. Necktie holder. 1,893,570; Jan. 10.
- Waite, William J., New Brunswick, assignor to A. Gusmer, Inc., Woodbridge, N. J. Metallic shipping and storing vessel. 1,909,028; May 16.
- Wake, Ichiro, Kojimachi Ku, assignor to Goshikwaisha Ohno Seisakusho, Tokyo, Japan. Self-lubricating swivel bearing. 1,919,128; July 18.
- Wakefield, Arthur T., Baltimore, Md. Filling box. 1,933,233; Oct. 31.
- Wakefield, Arthur T., Baltimore, Md. Portable wet hose nozzle. 1,933,234; Oct. 31.
- Wakefield, C. C. & Company. (See Bliss, John, assignor.)
- Wakefield, F. W., Brass Company, The. (See Rogers, Justin T., assignor.)
- Wakefield, F. W., Brass Company, The. (See Schroeder, Carl A., assignor.)
- Wakefield, R. T., et al. (See Bozard, J. C., and Summers, assignors.)
- Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin can for automatic loom. 1,899,600; Feb. 28.

- Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multicolor weft replenishing loom. 1,914,626; June 20.
- Wakefield, William, Richmond, near Melbourne, assignor to Overseas Machinery Company Proprietary Limited, Melbourne, Victoria, Australia. Machine for making metal binding strips. 1,931,420; Oct. 17.
- Wakeman, Arthur G., Appleton, Wis. Apparatus for feeding pulp or fiber to paper making machinery. 1,903,151; Mar. 28.
- Waksmonecki, Joseph, Mosinee, Wis. Animal stanchion. 1,900,676; Mar. 7.
- Waksmundzka, Maria G., Washington, D. C. Arch lift. 1,930,889; Oct. 17.
- Walbridge, Joseph H., Battle Creek, Mich. Ballast removing machine. 1,929,617; Oct. 10.
- Walburt, William M., assignor of one-half to D. F. Pair, Altus, Okla. Wheat shocker. 1,931,337; Oct. 17.
- Walcher, Alfred, Chicago, Ill., assignor to General Steel Castings Corporation, Ridley Township, Pa. Forming composite molds for casting metals. 1,906,676; May 2.
- Wald, George, Belleville, Ill. Radio tuning device. 1,917,077; July 4.
- Wald, Lewis, Worcester, assignor to The Vellumoid Company, Boston, Mass. Gasket. 1,927,859; Sept. 26.
- Wald, Max, New York, N. Y. Signaling device. 1,921,273; Aug. 8.
- Walde, Albert H., Roxborough, assignor to Fox Automotive Products Corporation, Philadelphia, Pa. Battery terminal connector. 1,937,612; Dec. 5.
- Walden, Alfred E. (See Baster, F. S., and Walden.)
- Walden, Fred W. (See McGuire, Irving J., assignor.)
- Walden, George B., Southport, assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic compound and producing it. 1,894,247; Jan. 10.
- Waldheim, John, Elizabeth, N. J. Means to control the sound of an alarm. 1,907,282; May 2.
- Waldheim, John, Elizabeth, N. J. Means to control the sound of a clock. 1,907,283; May 2.
- Waldheim, John, Elizabeth, N. J. Clock silencing device. 1,907,310; May 2.
- Walding, Samuel O., Los Angeles, Calif. Shirt retaining device. 1,897,090; Feb. 14.
- Waldman, Herman C., St. Louis, Mo. Door actuating means. 1,906,677; May 2.
- Waldock, Dominic L. (See Irons, A. D., and Waldock.)
- Waldorf Paper Products Company. (See Boyce, Paul F., assignor.)
- Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
- Waldorf Paper Products Company. (See Schilling, Paul A., assignor.)
- Waldorf, Sigmund K. (See Foster, R., and Waldorf.)
- Waldrich, Oskar, Siegen, Germany. Copying mechanism. 1,893,916; Jan. 10.
- Waldron, Frederic B., Prescott, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for grinding and polishing glass plates. 1,908,580; May 9.
- Waldron, John, Corporation. (See Banner, Otto A., assignor.)
- Waldron, John, Corporation. (See Case, John J., assignor.)
- Waldron, John, Corporation. (See Dickhaut, Charles A., assignor.)
- Waldron, John, Corporation. (See Egan, Francis W., assignor.)
- Waldron, John, Corporation. (See Willis, Charles C., assignor.)
- Waldron, John H., Flushing, N. Y. Adjustable pipe joint clamp. 1,940,983; Dec. 26.
- Waldron, Raymond A., West Chester, V. F. Leto, Kennett Square, and L. Lescarboua, Oxford, Pa. Packing segregating units. 1,937,001; Nov. 28.
- Waldron, Russell E., Detroit, Mich., assignor to Dominion Forge & Stamping Company Limited, Walkerville, Ontario, Canada. Drop hammer. 1,899,371; Feb. 28.
- Waldrop, Earl H., and G. M. Petty, Shawnee, Okla. Combination water circulator and feed water heating unit for boilers. 1,941,286; Dec. 26.
- Wales, George F., Buffalo, N. Y. Punch and stripping means. 1,914,313; June 13.
- Wales, Nathaniel B., Paris, France. Vacuum cleaner. 1,898,410; Feb. 21.
- Wales, Nathaniel B., assignor to Vaporedair Corporation, New York, N. Y. Refrigerating system and structure therefor. 1,916,901; July 4.
- Wales, Nathaniel B., assignor to Vaporedair Corporation, New York, N. Y. Atomizing and evaporating device for vegetables and the like. 1,922,147; Aug. 15.
- Wales, Rowland T., New Rochelle, N. Y. Mold for concrete. 1,906,291; May 2.
- Walluszis, John B. (See Hochwalt, C. A., and Walluszis.)
- Walker, Alan C., assignor to The American Pulley Company, Philadelphia, Pa. Barrel supporting and handling device. 1,914,656; June 20.
- Walker, Albert D., Middleboro, Mass. Die for making ice bacs. etc. 1,917,743; July 11.
- Walker, Albert S., Yorba Linda, Calif. Fuel oil injection pump. 1,934,108; Nov. 7.
- Walker, Arthur W., Malden, and A. L. Smith, West Medway, assignors to Walker & Pratt Mfg. Co., Boston, Mass. Electric heating unit and manufacturing same. 1,905,770; Apr. 25.
- Walker, Brooks, Piedmont, Calif. Parking device for automobiles. Re18,904; July 25.
- Walker, Brooks, Piedmont, and H. E. Kennedy, Berkeley, Calif. Magnetic valve. 1,892,917; Jan. 8.
- Walker, Buck, et al. (See Gonssett, Robert K., assignor.)
- Walker, Burnett. (See Lambert, Alvan R., assignor.)
- Walker, Burnett. (See Nelson, William, assignor.)
- Walker, Carl A., and L. D. Booth, San Antonio, Tex. Wall board and metal T-joint cover. 1,936,317; Nov. 21.
- Walker, Cass T., San Jose, assignor to Barnes Corning Company, San Francisco, Calif. Form clamp. 1,940,278; Dec. 19.
- Walker, Charles, Knoxville, Tenn. Multiple vending machine. 1,895,953; Jan. 31.
- Walker, Charles, Knoxville, Tenn. Vending machine. 1,918,154; July 11.
- Walker, Charles E., Catskill, N. Y., assignor to Lancaster Iron Works, Lancaster, Pa. Pallet feeding device. 1,900,625; Mar. 7.
- Walker, Clinton L., Piedmont, Calif. Bearing lubricator. 1,923,597; Aug. 22.
- Walker, Cranford P. (See Baruch, M., De Camp, and Walker.)
- Walker, Crawford J., assignor to The Protectu Corporation, Indianapolis, Ind. Operating bookkeeping machines. 1,897,347; Feb. 14.
- Walker, Dishwasher Corporation. (See Snyder, Carl M., assignor.)
- Walker, Earl C., Chicago, and G. W. Engstrom, Riverside, Ill., assignors to International Harvester Company. 1,900,003; Mar. 7.
- Walker, Edward E. (See Hayes, A., Walker, and White.)
- Walker, Emery L., Wauwatosa, assignor to Kieckhefer Container Company, Milwaukee, Wis. Sheet conveyor. 1,909,439; May 16.
- Walker, Eric E. (See Baird, W., and Walker.)
- Walker, Ernest A., assignor to J. Bath, Worcester, Mass. Work table and relieving mechanism for grinding machines. 1,895,830; Jan. 31.
- Walker, Eugene P., W. E. Wray, and J. B. Walker, Reidsville, N. C. assignors to The American Tobacco Company, New York, N. Y. Surface treatment of sheet materials. 1,927,476; Sept. 19.
- Walker, Fletcher L., Westwood, Calif. Apparatus for moving material. 1,920,613; Aug. 1.
- Walker, Frank G., Santa Barbara, Calif. Dishwashing machine. 1,937,738; Dec. 5.
- Walker, George, & Sons (Birmingham), Limited. (See Walker, H. S., and Miller, assignor.)
- Walker, George T. (See Murray, Howard J., assignor.)
- Walker, Gilbert T., and H. H. Wood, Birmingham, assignors to Thomas Walker Limited, Birmingham, and Leetbens (Twilfit) Limited, Portsmouth, England. Stocking and like suspender fittings. 1,916,088; June 27.
- Walker, Glen J., assignor, by mesne assignments, to F. W. Cornelius, Indianapolis, Ind. Cupola charger. 1,926,693; Sept. 12.
- Walker, Harold L., Brooklyn, N. Y., assignor to The Jacobs Bros. Co. Inc. Slicing machine. 1,923,129; Aug. 22.
- Walker, Harold W., assignor to The Champion Coated Paper Company, Hamilton, Ohio. Rubber repellent coated paper. 1,928,192; Sept. 26.
- Walker, Harrison M. (See Solberg, O. T., Shott, and Walker.)
- Walker, Harry, Milnrow, near Rochdale, assignor of one-half to John Holroyd & Company Limited, Milnrow, near Rochdale, England. Worm gearing. 1,903,273; Mar. 28.
- Walker, Harry W., Dallas, Tex. Milk bottle crate. 1,923,344; Aug. 22.
- Walker, Henry A., Rockport, Wash. Safety means for hydraulic brakes. 1,905,077; Apr. 25.
- Walker, Henry B., assignor to The Fairfield Engineering Company, Marion, Ohio. Portable loader. 1,893,917; Jan. 10.
- Walker, Herbert G. (See Pritchett, G. A., and Walker.)
- Walker, Herbert S., and R. Miller; said Miller assignor to George Walker & Sons (Birmingham), Limited, Birmingham, England. Rotary milling cutter and like tool. 1,935,069; Nov. 14.
- Walker, Herbert W. (See Calcott, W. S., Douglass, and Walker.)
- Walker, Herbert W. (See Calcott, W. S., and Walker.)
- Walker, Hervey S. (See Rinn, Glenn E., assignor.)
- Walker, Hervey S., Ardmore, Pa. Duct fitting. 1,921,056; Aug. 8.
- Walker, Hervey S., Ardmore, Pa. Duct connection box. 1,921,057; Aug. 8.
- Walker, Hugh J., Woburn, Mass. Heater construction. 1,899,541; Feb. 28.
- Walker, James A., Los Angeles, Calif. Ridge pole construction. 1,911,732; May 30.
- Walker, James H., Birmingham, and R. M. Van Duzer, jr., Detroit, Mich. Pipe joint. 1,939,936; Dec. 19.
- Walker, James H., Birmingham, assignor to The Detroit Edison Company, Detroit, Mich. Vacuum producing and heating apparatus. 1,941,422; Dec. 26.
- Walker, James P., Maywood, assignor to Solar-Sturges Mfg. Co., Melrose Park, Ill. Milk can and making same. 1,921,247; Aug. 8.
- Walker, Jay P., et al. (See Walker, Jay P., assignor.)
- Walker, Jay P., Tulsa, Okla. Separator. 1,923,599; Aug. 22.
- Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Oil and gas separator. 1,908,581; May 9.

- Walker, Jay P., assignor, by mesne assignments, of fifty-four per cent to J. P. Walker, forty per cent to G. O. Marchant, and six per cent to C. G. Wells, Tulsa, Okla. Separator. 1,923,598; Aug. 22.
- Walker, Jay P., and E. R. Williams, assignors to National Tank Company, Tulsa, Okla. Oil and gas separator. 1,941,028; Dec. 26.
- Walker, John, jr., Melrose Park, Pa., assignor to Walker Manufacturing Company, Inc. Combined latch and spacer for heddle bars. 1,911,861; May 30.
- Walker, John, Westfield, N. J., assignor to International Motor Company, New York, N. Y. Tilting axle and wheel mounting. 1,913,822; June 13.
- Walker, John D., assignor to Standard Cement Construction Company, Louisville, Ky. Molding apparatus. 1,913,178; June 6.
- Walker, John S., Pittsburgh, Pa. Bid indicator for card games. 1,898,862; Feb. 21.
- Walker, John S., Pittsburgh, Pa. Antiglare device. 1,941,332; Dec. 26.
- Walker, John S., assignor to Kant-Glare Manufacturing Company, Incorporated, Pittsburgh, Pa. Antiglare device. 1,905,322; Apr. 25.
- Walker, Joseph B., Los Angeles, Calif. Camera. 1,898,471; Feb. 21.
- Walker, Julius B. (See Walker, E. P., Wray, and Walker.)
- Walker, Lee, North Hornell, N. Y. Bank protector. 1,896,989; Feb. 7.
- Walker, Lemuel J., Wauwatosa, assignor of forty per cent to A. J. Van Enkevort, Milwaukee, Wis. Rail joint. 1,937,075; Nov. 28.
- Walker Manufacturing Company. (See Genich, Joseph, assignor.)
- Walker Manufacturing Company. (See Klepel, Earl Robert, assignor.)
- Walker Manufacturing Company. (See Mizer, J. J., and Sullivan, assignors.)
- Walker Manufacturing Company. (See Morrison, John A., assignor.)
- Walker Manufacturing Company. (See Statz, Robert, assignor.)
- Walker Manufacturing Company. (See Sullivan, Everard J., assignor.)
- Walker Manufacturing Company. (See Traut, William A., assignor.)
- Walker Manufacturing Company. (See Van Sickle, Louis G., assignor.)
- Walker Manufacturing Company. (See Walker, Willard T., assignor.)
- Walker Manufacturing Company, Inc. (See Walker, John, jr., assignor.)
- Walker, Noah, et al. (See Davis, E. H., and Johnston, assignors.)
- Walker, Oliver P. (See Domes, Edward A., assignor.)
- Walker & Pratt Mfg. Co. (See Walker, A. W., and Smith, assignors.)
- Walker, Prescott H. (See Benner, R. C., Walker, and Soley.)
- Walker, Prescott H. (See Benner, R. C., Walker, and Woodell.)
- Walker Press Limited. (See Martin, Vernon, assignor.)
- Walker, Pressley, Atlanta, Ga. Cigarette dispensing device. 1,934,106; Nov. 7.
- Walker, Raymond R., Follansbee, W. Va. Coaster sled. 1,893,381; Jan. 3.
- Walker, Robert G., assignor to The De Laval Separator Company, New York, N. Y. Purifying dry cleaners' solvents. 1,919,644; July 25.
- Walker, Robinson M., Carmel, assignor of thirty-eight and three-fourths per cent to G. L. Abbott, Pebble Beach, thirteen and three-fourths percent to R. L. Hughes, Salinas, and ten percent to W. L. Belt, and ten percent to W. M. Abbott, Pebble Beach, Calif. Lock. 1,927,354; Sept. 19.
- Walker, Theodore D., Great Neck, and C. L. Belcher, Jamaica, N. Y. Convertible safety razor. 1,910,310; May 23.
- Walker, Thomas Limited. (See Walker, G. T., and Wood, assignors.)
- Walker, Thomas R., Natchitoches, La. Binding means for boxes. 1,907,375; May 2.
- Walker-Turner Company. (See Ocenasek, William F., assignor.)
- Walker-Turner Co. (See Turner, William B., assignor.)
- Walker Vehicle Co. (See Blakeslee, Carl J., assignor.)
- Walker Vehicle Company. (See Stephenson, Leigh J., assignor.)
- Walker, Walter D., assignor to Cinema Development Company, Chicago, Ill. Superimposing a foreground or image upon a background in photography. 1,928,579; Sept. 26.
- Walker, Walter H., New York, N. Y., assignor to Ottawa River Paper Company, Toledo, Ohio. Display device. 1,916,647; July 4.
- Walker, Walter H., Malba, Long Island, and A. D. Benedict, Brooklyn, assignors to Gold Dust Corporation, New York, N. Y. Display box. 1,915,341; June 27.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Low resistance fluid flow switch. 1,897,453; Feb. 14.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Low resistance fluid flow switch. 1,897,455; Feb. 14.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Low resistance fluid flow switch. 1,897,456; Feb. 14.
- Walker, Warren R., Short Hills, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Electric switch and the production thereof. 1,897,963; Feb. 14.
- Walker, Warren R., Short Hills, N. J., assignor to General Electric Vapor Lamp Company. Mercury switch. 1,930,435; Oct. 10.
- Walker, Warren R., Bloomfield, N. J., assignor to General Electric Vapor Lamp Company. Switch mounting. 1,905,771; Apr. 25.
- Walker, Warren R., Short Hills, and F. Moos, assignors to General Electric Vapor Lamp Company, Hoboken, N. J. Low resistance fluid flow switch. 1,897,454; Feb. 14.
- Walker, Willard T., assignor to Walker Manufacturing Company, Racine, Wis. Lifting jack. 1,927,326; Sept. 19.
- Walker, William B., Roxboro, N. C. Dust guard for spinning machines. 1,932,027; Oct. 24.
- Walker, William J., Waterbury, Conn., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Bag frame structure and fastener therefor. 1,902,297; Mar. 21.
- Walker, William M., Bremerton, Wash. Oil brake. 1,940,925; Dec. 26.
- Walker, Woods S. (See Semon, A. L., and Walker.)
- Wall, Ayana L., assignor to The Weaver Wall Company, Cleveland, Ohio. Sliding strip. 1,915,964; June 27.
- Wall, Earl R., et al. (See McCarty, Madison P., assignor.)
- Wall, Frank E., assignor to Gabriel Steel Company, Detroit, Mich. Trolley pole base construction. 1,939,530; Dec. 12.
- Wall, Matthew J., Jersey City, N. J., assignor to The Linde Air Products Company. Heat retaining means for autogenous welding and welding. 1,902,051; Mar. 21.
- Wall & Ochs. (See Geiger, Frederick, assignor.)
- Wall & Ochs. (See Rigler, Richard W., assignor.)
- Wall & Ochs, Incorporated. (See Rigler, Richard W., assignor.)
- Wall Paper Manufacturers Limited, The. (See Sanderson, Harold W., assignor.)
- Wall, Rode N., Vancouver, British Columbia, Canada. Church. Des. 90,519; Aug. 15.
- Wall, William H., assignor to A. Wander Limited, London, England. Machine for applying wrapping materials to canisters. 1,940,517; Dec. 19.
- Wallace, Allen, Moorestown, N. J. Centering bearing. 1,918,156; July 11.
- Wallace, Archibald L., Brooklyn, N. Y. Continuous vulcanizing apparatus. 1,905,663; Apr. 25.
- Wallace, Archibald L., assignor to Metal Hose & Tubing Co., Inc., Brooklyn, N. Y. Hose coupling. 1,915,041; June 20.
- Wallace, Archibald L., and S. Bergstrom, assignors to John M. Oden, Brooklyn, N. Y. Hose making machine. 1,933,528; Oct. 31.
- Wallace, B. J. (See Siksta, Josef, assignor.)
- Wallace Barnes Company, The. (See Bleuel, William H., assignor.)
- Wallace Barnes Company, The. (See Cook, Raymond W., assignor.)
- Wallace, Bert A., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,927,532; Sept. 19.
- Wallace, Campbell. (See Nichols, Marion F., assignor.)
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Apparatus for feeding solutions. 1,900,142; Mar. 7.
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Apparatus for feeding solutions. 1,900,143; Mar. 7.
- Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Flow meter. 1,924,076; Aug. 22.
- Wallace China Company. (See Apple, Adrian R., assignor.)
- Wallace, Curtis C., Philadelphia, Pa. Seal for storage battery containers. 1,897,597; Feb. 14.
- Wallace, Curtis C., Philadelphia, Pa. Automatic filling plug. 1,938,983; Dec. 12.
- Wallace, Curtis C., and G. E. Petrosky, Philadelphia, Pa. Venting means for storage battery cells. 1,907,911; May 9.
- Wallace, David A., assignor to Chrysler Corporation, Detroit, Mich. Making axle housings. 1,896,990; Feb. 7.
- Wallace, Donald J., assignor of one-half to R. H. Mulford, Long Beach, Calif. Entrance control. 1,900,422; Mar. 7.
- Wallace, Edgar T. (See Perow, Frank C., assignor.)
- Wallace, Edward, Cleveland Heights, Ohio. Attachment for vehicles. 1,905,323; Apr. 25.
- Wallace, Edward P., assignor to Waterbury Clock Co., Waterbury, Conn. Combined clock-bezel and mat. 1,915,078; June 20.
- Wallace, Edwin C., Newton, assignor to Warren Brothers Company, Cambridge, Mass. Road surfacing. 1,918,155; July 11.
- Wallace, Edwin C., Newton, assignor to Warren Brothers Company, Cambridge, Mass. Impregnating concrete bodies and porous ceramic products with bituminous material. 1,937,417; Nov. 28.

- Wallace, Floyd D., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Elevating grader. 1,924,054; Aug. 22.
- Wallace, Floyd D., W. A. Cost, and J. W. Hartley, assignors to J. D. Adams Manufacturing Company, Indianapolis, Ind. Elevating grader. 1,924,055; Aug. 22.
- Wallace, Frank, Willard, Ohio. Drainage trap. 1,935,530; Nov. 14.
- Wallace, Frank R., and J. T. Ramsden, assignors to The Taber Manufacturing Company, Philadelphia, Pa. Automatic equalizing support. 1,905,020; Apr. 25.
- Wallace, Fredrick J., Brooklyn, assignor to Robeson Process Company, New York, N. Y. Preserving coal. 1,910,975; May 23.
- Wallace, George B., Grantwood, N. J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Loading apparatus for laundry washers and the like. 1,903,305; Apr. 4.
- Wallace, Gordon, Wilmar, Calif. Commercial air filter. 1,940,034; Dec. 19.
- Wallace, Henry W., Embude, N. Mex. Fishhook baiting device. 1,915,876; June 27.
- Wallace, Hugh, and W. C. Holbrook, assignors to Frigid-aire Corporation, Dayton, Ohio. Refrigerating apparatus. 1,940,655; Dec. 19.
- Wallace, James D., Washington, D. C. High frequency measuring apparatus. 1,900,082; Mar. 7.
- Wallace, James D., Washington, D. C. Telegraphic keying system for electron tube circuits. 1,923,345; Aug. 22.
- Wallace, James D., Washington, D. C. Protection of oscillation circuits. 1,938,160; Dec. 5.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Breast lift. 1,904,637; Apr. 18.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Revolving screen cotton cleaner and separator. 1,930,890; Oct. 17.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Saw cylinder. 1,934,575; Nov. 7.
- Wallace, John M., Oakville, Ontario, Canada. Basket construction. 1,933,288; Oct. 31.
- Wallace, Joseph, Cedarhurst, N. Y. Point and feed section of fountain pens. 1,907,626; May 9.
- Wallace, Joseph, Cedarhurst, N. Y. Fountain pen. 1,909,194; May 16.
- Wallace, Paul R. (See Rupert, Frederick J., assignor.)
- Wallace, R., & Sons, Mfg. Co. (See Aurand, Walter G., assignor.)
- Wallace, R., & Sons Manufacturing Company. (See Gadd, Joseph O., assignor.)
- Wallace, R., & Sons Mfg. Co. (See Martha, Oscar W., assignor.)
- Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
- Wallace, Richard E., New York, N. Y., assignor to Jenkins Television Corporation, Jersey City, N. J. Light source. 1,914,224; June 13.
- Wallace, Sadye E., Brooklyn, N. Y. Fountain brush. 1,918,069; July 11.
- Wallace, Samuel, assignor to The Montgomery Company, Windsor Locks, Conn. Scouring pad. 1,897,778; Feb. 14.
- Wallace & Tiernan Company. (See Baker, John C., assignor.)
- Wallace & Tiernan Company. (See Booth, Levis M., and G. M., assignors.)
- Wallace & Tiernan Company. (See Yeagley, Albert S., jr., assignor.)
- Wallace & Tiernan Company, Inc. (See Peet, Gerald D., assignor.)
- Wallace & Tiernan Products Inc. (See Baker, John C., assignor.)
- Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
- Wallace, Wayne W., Columbus, Ohio. Toy airplane. 1,912,925; June 6.
- Wallace, William H., Detroit, Mich. Leaf spring. 1,907,912; May 9.
- Wallace, William H., Detroit, T. C. Morrison, Grosse Pointe, Mich., and C. A. Bieber, Cleveland Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking wedge. 1,931,971; Oct. 24.
- Wallach, Frederick, assignor of one-half to P. Munk, New York, N. Y. Refrigerator cabinet. 1,922,995; Aug. 15.
- Wallach, George, Chapman Camp, British Columbia, Canada. Pump. 1,896,727; Feb. 7.
- Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit controlling apparatus. 1,902,476; Mar. 21.
- Wallenbeck, William G., Chicago, Ill. Stropping device for razor blades. 1,914,389; June 20.
- Wallenbeck, William G., Chicago, Ill. Cleaning mechanism. 1,924,386; Aug. 29.
- Wallenberg, Frank J., Tonawanda, assignor to Jiffy Battery Terminal Corporation, Buffalo, N. Y. Molding articles with inserts. 1,918,505; July 18.
- Wallene, Frank O., Lakewood, Ohio. Air purge for water heaters. 1,918,942; July 18.
- Waller, Albert E. (See Sanders, G. E., and Waller.)
- Waller, Anthony E., Providence, R. I. Finding for a clasp. 1,892,918; Jan. 3.
- Waller, Arthur, Chicago, Ill. Oil sedimentation gauge. 1,906,345; May 2.
- Waller, Carl R., assignor to De Laval Steam Turbine Company, Trenton, N. J. Turbine. 1,929,157; Oct. 3.
- Waller, Donald D. (See Helzeby, R. O., and Waller.)
- Waller, John A., Beverley Hills, assignor to Waller Manufacturing Corporation, Ltd., Los Angeles, Calif. Saw setting device. 1,900,083; Mar. 7.
- Waller, John A., Beverley Hills, assignor to Waller Manufacturing Corporation, Ltd., Los Angeles, Calif. Saw filing device. 1,900,084; Mar. 7.
- Waller Manufacturing Corporation Ltd. (See Waller, John A., assignor.)
- Waller, Robert H. (See Killman, Thomas A., assignor.)
- Wallerstein Company, Inc. (See Wallerstein, Leo, assignor.)
- Wallerstein, Leo, assignor to Wallerstein Company, Inc., New York, N. Y. Invertase preparation and making the same. 1,919,675; July 25.
- Wallerstein, Leo, assignor to Wallerstein Company, Inc., New York, N. Y. Making invertase preparations. 1,919,676; July 25.
- Wallfill Company, The. (See Burt, Henry J., jr., assignor.)
- Wallfred, Carl L. (See Clark, L. F., and Wallfred.)
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,900,874; Mar. 7.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,900,875; Mar. 7.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,920,723; Aug. 1.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,920,725; Aug. 1.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,920,726; Aug. 1.
- Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,920,727; Aug. 1.
- Wallgren, August G. F., and C. G. Janson, assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,917,277; July 11.
- Wallgren, August G. F., and C. G. Janson, assignors to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,920,724; Aug. 1.
- Wallgren, August G. F., and C. G. Janson, assignors to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,921,957; Aug. 8.
- Wallgren, August G. F., and C. G. Janson, assignors to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 1,921,958; Aug. 8.
- Wallich Ice Machine Company. (See Strass, Edward M., assignor.)
- Wallick, Ben S., Galesburg, Ill. Coin counting mechanism. 1,933,082; Oct. 31.
- Wallin, Cajsa-Marie. (See Wallin, Ernst H., assignor.)
- Wallin, Ernest A., and F. W. Neill, Kimball, Nebr. Pressure responsive switch. 1,928,193; Sept. 26.
- Wallin, Ernst H., assignor to Cajsa-Marie Wallin, Arvika, Sweden. Manufacture of woven fabrics. 1,936,974; Nov. 28.
- Wallin, Gustaf E., Omaha, Nebr. Slug router. 1,932,055; Oct. 24.
- Wallinder, Erick G., Duluth, Minn. Foldable table. 1,913,418; June 13.
- Walling, Walter O., Houston, Tex. Nut cracker. 1,938,733; Dec. 12.
- Wallis, Barnes N., assignor to Vickers (Aviation) Limited, Weybridge, England. Construction of fuselage or other bodies of aircraft. 1,894,011; Jan. 10.
- Wallis, Barnes N., assignor to Vickers (Aviation) Limited, Weybridge, England. Constructing a girder. 1,913,097; June 6.
- Wallis, Barnes N., Weybridge, Surrey, assignor to Vickers-Armstrongs Limited, Westminster, England. Adjustable seat. 1,933,197; Oct. 31.
- Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, Westminster, England. Gun mounting for aircraft. 1,935,491; Nov. 14.
- Wallis, Charles G., Chicago, Ill., assignor to Westinghouse Electric Elevator Company. Elevator control system. 1,938,238; Dec. 5.
- Wallis, Cyril T., and N. O. Marquart, assignors, by mesne assignments, to North East Appliance Corporation, Rochester, N. Y. Shaft bearing. 1,928,403; Sept. 26.
- Wallis, George E., Evanston, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Milk cooling and storing apparatus. 1,901,014; Mar. 14.
- Wallis, George E., Evanston, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Valve. 1,907,627; May 9.
- Wallis, Harold B., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigerating apparatus. 1,892,713; Jan. 3.
- Wallis, John S. (See Titus, H. J., and Wallis.)
- Wallis, John S., assignor to Alco Products, Incorporated, New York, N. Y. Fractionating vapors. 1,913,465; June 13.
- Wallis, John S., New York, N. Y. Oil distillate cooler or condenser. 1,940,338; Dec. 19.
- Wallis, John Samuel, assignor to Foster Wheeler Corporation, New York, N. Y. Oil fractionation. 1,900,085; Mar. 7.
- Wallis, Theodor, Dessau-Ziebigk in Anhalt, and O. Falek, Weideritzsch, near Leipzig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Lead of high resistance against the action of hot sulphuric acid. 1,939,799; Dec. 19.
- Wallis, Zella, assignor to Wm. H. Molter Company, Chicago, Ill. Sewing box. Des. 89,227; Feb. 7.
- Walliser, George, et al. (See Brady, Edward J., assignor.)

- Walliser, George F., and J. E. Poole, Chicago, Ill. Clamping attachment for revolvers and pistols. 1,899,249; Feb. 28.
- Wallman, Walter A., Astoria, Oreg. Sewer trap. 1,926,759; Sept. 12.
- Wallmer, Frank. (See Silver, J., and Wallmer.)
- Walloch, Frank A., Seattle, Wash. Screen filter for hot-air registers. 1,893,571; Jan. 10.
- Wallond, Charles D., Guelph, Ontario, Canada. Automobile emergency brake releasing mechanism. 1,927,622; Sept. 19.
- Walls, Grover W. (See Hume, G. B., and Walls.)
- Walls, Iva (guardian). (See Ford, Andrew F.)
- Walls, William R. (See Turner, W. A., Walls and Bryan.)
- Wallsten, Walfrid A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Apparatus for coating wire. 1,899,449; Feb. 28.
- Walmsley, Edgar, and H. A. Francis, Blackpool, England. Antidazzle device. 1,924,338; Aug. 29.
- Walmsley, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. System of electric welding. 1,938,552; Dec. 5.
- Walp, Charles F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Skid box. 1,894,649; Jan. 17.
- Walper, Curry O., Huntington Woods, Mich. Clip for wall board packages. 1,913,864; June 13.
- Walper, Curry O., Huntington Woods, Mich. Wall and ceiling construction. 1,931,713; Oct. 24.
- Walrath, Ernest L., Bend, Oreg. Golf tee positioning device. 1,902,682; Mar. 21.
- Walser Manufacturing Company, Inc., The. (See Knecht, Louis, assignor.)
- Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
- Walsh, Clara B., New York, N. Y. Garment. 1,899,487; Feb. 28.
- Walsh, Harry C. H., Chicago, Ill. Power press. 1,928,711; Oct. 3.
- Walsh, James F., East Orange, N. J., assignor to Celluloid Corporation. Dental plate base. 1,897,286; Feb. 14.
- Walsh, James F., East Orange, N. J., assignor to Celluloid Corporation. Laminated product and producing same. 1,936,044; Nov. 21.
- Walsh, James F., South Orange, N. J., assignor to Celluloid Corporation. Plastic glass-substitute. 1,912,554; June 6.
- Walsh, James F., South Orange, N. J., assignor to Celluloid Corporation. Transparent cellulosic film. 1,931,518; Oct. 24.
- Walsh, James F., South Orange, and Björn Andersen, Newark, N. J., assignors to Celluloid Corporation. Decorated thermoplastics and making same. 1,899,068; Feb. 28.
- Walsh, James F., East Orange, and M. R. Ximenez, South Plainfield, N. J., assignors to Celluloid Corporation. Molding powder and making same. 1,899,542; Feb. 28.
- Walsh, James F., South Orange, and A. F. Caprio, Newark, N. J., assignors to Celluloid Corporation. Modifier for cellulose acetate plastics. 1,905,535; Apr. 25.
- Walsh, James F., East Orange, J. H. Stevens, South Orange, K. Flynn, Orange, A. F. Caprio, Newark, and T. E. Alcorn, Maplewood, N. J., assignors to Celluloid Corporation. Apparatus for making flowed films and sheets. 1,920,118; July 25.
- Walsh, James F., South Orange, H. E. Smith and A. F. Caprio, Newark, N. J., assignors to Celluloid Corporation. Plastic composition containing cellulose derivatives. 1,927,143; Sept. 19.
- Walsh, James F., South Orange, and B. Andersen, Newark, N. J., assignors to Celluloid Corporation. Mold and making the same. 1,928,712; Oct. 3.
- Walsh, James F., East Orange, and A. F. Caprio, Newark, N. J., assignors to Celluloid Corporation. Acetyl cellulose plastic. 1,929,225; Oct. 3.
- Walsh, James F., South Orange, and A. F. Caprio, Newark, N. J., assignors to Celluloid Corporation. Plastic material containing derivatives of cellulose. 1,930,069; Oct. 10.
- Walsh, James P., Denver, Colo. Soda straw dispenser. 1,907,628; May 9.
- Walsh, John, Jamaica Plain, Mass. Gathering implement. 1,939,475; Dec. 12.
- Walsh, Lincoln, Elizabeth, assignor to Hazeltine Corporation, Jersey City, N. J. Radio frequency amplifier. 1,894,503; Jan. 17.
- Walsh, Mary, New York, N. Y. Crown for ladies' hats. 1,904,108; Apr. 18.
- Walsh, Michael J., San Diego, assignor to Kelco Company, Los Angeles, Calif. Manufacture of jellies. 1,913,576; June 13.
- Walsh, Michael J., San Diego, assignor to Kelco Company, Los Angeles, Calif. Nonshatterable glass and making same. 1,923,245; Aug. 22.
- Walsh, Nicholas J., assignor to Weber Electric Company, Schenectady, N. Y. One-piece switch lever. 1,925,422; Sept. 5.
- Walsh, Patrick H., Newtonville, Mass., assignor to Caro Cloth Corporation, Carolina, R. I. Card cleaning apparatus. 1,913,016; June 6.
- Walsh, Patrick H., Newtonville, Mass., assignor to Caro Cloth Corporation, Carolina, R. I. Needling machine. 1,934,649; Nov. 7.
- Walsh, Philip J., San Francisco, Calif. Amplifier system. 1,893,044; Jan. 3.
- Walsh, Thomas P., Boston, Mass., assignor to The B. H. R. W. Development Company, New York, N. Y. Loom for weaving oriental knotted fabrics. 1,916,290; July 4.
- Walsh, Tom F. (See MacCourt, Walsh, and Rasmussen.)
- Walsh, Wilfrid L., assignor to American Chain Company, Inc., Stratford, Conn. Tire chain. 1,935,786; Nov. 21.
- Walsh, William C., Omaha, Nebr. Golf tee. 1,924,473; Aug. 29.
- Walsh, William J., Jersey City, N. J. Automobile headlight. 1,899,740; Feb. 28.
- Walsoe, Sigurd L., Springdale, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Computing machine. 1,908,157; May 9.
- Walsoe, Sigurd L., Springdale, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,917,784; July 11.
- Walsoe, Sigurd L., Springdale, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,923,766; Aug. 22.
- Walstrom, Axel M., Minneapolis, Minn. Indoor golf game device. 1,904,034; Apr. 18.
- Waltamath, William, St. Louis, Mo. Reamer sharpener. 1,912,745; June 6.
- Waltenberg, Romaine G., Roselle, assignor to The H. A. Wilson Company, Newark, N. J. Welding metals. 1,924,528; Aug. 29.
- Walter, Albert B., Elm Grove, W. Va. Combination jack and shock absorbing structure. 1,902,740; Mar. 21.
- Walter, B., & Company. (See Knaub, W. O., and Walter, assignors.)
- Walter, B., & Company, Inc. (See Walter, Frederick B., assignor.)
- Walter, Bertha B., executrix. (See Walter, Raymond A.)
- Walter, Carl F., Lincoln, Nebr. Refrigerator. 1,899,372; Feb. 28.
- Walter, Carroll M. (See Russell, C. A., and Walker.)
- Walter, Charles T. (See McKee, H. H., and Walter.)
- Walter, Charles T., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Slicing machine. 1,909,029; May 16.
- Walter, Edward C., Orange, N. J. Landing net. 1,921,596; Aug. 8.
- Walter, Edward C., assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 1,912,874; June 6.
- Walter, Edward C., assignor to Monroe Calculating Machine Company, Orange, N. J. Full cycle locating mechanism. 1,917,476; July 11.
- Walter, Edward C., Orange, N. J., assignor to Elliott-Fisher Company, Harrisburg, Pa. Add-subtract control for computing machines. 1,919,919; July 25.
- Walter, Ernest, Montclair, and E. E. Koehler, Rutherford, N. J. Floor construction. 1,940,705; Dec. 26.
- Walter, Felix. (See Weibezahn, C., and Walter.)
- Walter, Forest E., Spokane, Wash. Scrubbing machine. 1,910,727; May 23.
- Walter, Frank. (See Milner, E., and Walter.)
- Walter, Frederick B. (See Knaub, W. O., and Walter.)
- Walter, Frederick B., Wabash, Ind. Refectory table. 1,901,015; Mar. 14.
- Walter, Frederick B., assignor to B. Walter & Company, Inc., Wabash, Ind. Table latch. 1,913,966; June 13.
- Walter, Frederick B., assignor to B. Walter & Company, Inc., Wabash, Ind. Draw-leaf table. 1,916,648; July 4.
- Walter, Frederick B., assignor to B. Walter & Company, Inc., Wabash, Ind. Extension table. 1,930,846; Oct. 17.
- Walter, Frederick B., assignor to B. Walter & Company, Inc., Wabash, Ind. Jump leaf extension table. 1,935,531; Nov. 14.
- Walter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Apparatus for measuring alternating current. 1,919,284; July 25.
- Walter, Hans, and H. Schulz, Mainz-Mombach, assignors to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfurt-on-the-Main, Germany. Production of acetone. 1,892,742; Jan. 3.
- Walter, Harrison B., assignor to Container Corporation of America, Chicago, Ill. Display container. 1,911,216; May 30.
- Walter, Harrison B., assignor to Container Corporation of America, Chicago, Ill. Container. 1,911,216; May 30.
- Walter, Harrison B., assignor to Container Corporation of America, Chicago, Ill. Container. 1,924,222; Aug. 29.
- Walter, Ira D., Clayton, Mo. Advertising display apparatus. 1,910,726; May 23.
- Walter, John C., and R. Vogt, Cincinnati, assignors to The Alvey-Perguson Company, Oakley, Cincinnati, Ohio. Conveyor. 1,903,732; Apr. 11.
- Walter, Otto, Perryville, Ind. Apparatus for making roof tiles. Re18,909; Nov. 14.
- Walter, Otto, Perryville, Ind. Mold for molding objects from plastic material. 1,911,539; May 30.
- Walter, Otto, Perryville, Ind. Machine for making roofing tiles and like articles. 1,927,249; Sept. 19.
- Walter, Ralph E. (See Fisher, O. W., Walter, and Cook.)
- Walter, Ralph E. (See Fisher, O. W., Walter, and Weatherstone.)
- Walter, Raymond A., deceased, New York, N. Y., by Bertha B. Walter, executrix. Driving mechanism. 1,908,087; May 9.
- Walter, Richard R., Starnberg, Germany. Azotized tungsten carbide and making it. Re18,824; May 9.

- Walter, Richard R., Starnberg, Germany. Sintering metallic bodies. 1,925,292; Sept. 5.
- Walters, Daniel W. (See Timbs, E., and Walters.)
- Walters, David B., Frankfort, assignor to H. B. Laymon, Spencer, Ind. Display device. 1,932,494; Oct. 31.
- Walters, Emmett L. (See Goodwillie, D. H., and Walters.)
- Walters, Herbert, assignor to Detroit Metal Specialty Corporation, Detroit, Mich. Wheel hub cap and lock therefor. 1,919,492; July 25.
- Walters, Herbert C., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition mechanism. 1,940,614; Dec. 19.
- Walters, Herbert H., Syracuse, N. Y. Breaker point grinder. 1,914,225; June 13.
- Walters, Herbert H., Syracuse, N. Y. Breaker point grinder. 1,917,863; July 11.
- Walters, Rollo F., Detroit, Mich., assignor, by mesne assignments, to United-Carr Fastener Corporation, Cambridge, Mass. Upholstery installation and fastener element for use therewith. 1,896,875; Feb. 7.
- Walters, Rudolph A., and N. A. Sorenson, Fostoria, Ohio. Grinding compound filter and operation. 1,932,996; Oct. 31.
- Walters, Samuel. (See Sollanek, E., Walters, and Young.)
- Walters, Valentine E. (See Phelps, G. H., and Walters, assignors.)
- Walther, Fritz, Plauen, Germany. Hydraulic drive. 1,920,042; July 25.
- Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheels. 1,923,028; Aug. 15.
- Walther, George, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Wheel combination fellow and spacer ring. 1,927,579; Sept. 19.
- Walther, George, near Dayton, assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Metal wheel. 1,933,036; Oct. 31.
- Walther, Heinrich, Frankfort-on-the-Main-Oberstadt, Germany. Vulcanizing press. 1,920,157; July 25.
- Walther, Paul, assignor to Hartmann & Braun Aktiengesellschaft, Frankfort-on-the-Main, Germany. Indicator instrument. 1,935,070; Nov. 14.
- Walther, Wilhelm. (See Rall, M., and Walther.)
- Walther, Wilhelm, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Make and break device for electric ignition apparatus. 1,908,274; May 9.
- Walther, Wilhelm, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Flywheel magneto ignition apparatus. 1,916,700; July 4.
- Walthers, William A., Dalton, Wis. Fishing device. 1,915,208; June 20.
- Walther, Herbert E., Bloomfield, N. J., assignor to DuPont Cellophane Company, Inc., New York, N. Y. Tube. 1,937,537; Dec. 5.
- Walton, George M., assignor to Air Maze Corporation, Cleveland, Ohio. Air cleaner. 1,918,006; July 11.
- Walton, George W., London, England. Television and the like. 1,914,314; June 13.
- Walton, George W., London, England. Scanning device for television and the like. 1,918,358; July 13.
- Walton, George W., London, England. Alternating current generator. 1,919,139; July 18.
- Walton, Howard T., Collingswood, N. J., assignor to David Lupton's Sons Company, Philadelphia, Pa. Pivot window. 1,909,321; May 16.
- Walton, Howard T., Collingswood, N. J., assignor to David Lupton's Sons Company, Philadelphia, Pa. Operating means for transoms. 1,913,350; June 6.
- Walton, John W., Rockdale, assignor to Tennessee Products Corporation, Nashville, Tenn. Manufacture of phosphoric acid and other products from phosphatic material. 1,925,510; Sept. 5.
- Walton, Joseph L., Pinole, Calif. Nitrogenous fertilizer and producing same. 1,922,562; Aug. 15.
- Walton, Julian N., Brooklyn, N. Y., assignor to The Anchor Packing Company, Philadelphia, Pa. Packing means for shafts. 1,905,772; Apr. 25.
- Walton, Julian N., Brooklyn, N. Y., assignor to The Anchor Packing Company, Philadelphia, Pa. Machinery packing. 1,927,477; Sept. 19.
- Walton, Samuel F., Hamburg, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Granule and producing same. 1,920,773; Aug. 1.
- Walton, Tom, Accrington, England. Photographic camera. 1,914,874; June 20.
- Walzy, Arthur R., Albany, N. Y. Lace fastener. 1,907,629; May 9.
- Waltz, Susie R., Ross, Calif. Necktie. 1,906,120; Apr. 25.
- Walworth Patents Inc. (See Bard, Francis N., assignor.)
- Walworth Patents Inc. (See Martin, Jesse C., jr., assignor.)
- Walworth Patents Inc. (See Morehead, French H., assignor.)
- Walz, Charles J. (See Walz, Frederick M. and C. J.)
- Walz, Frank C., Boulder, Colo., assignor of one-half to Stanolind Oil and Gas Company, Tulsa, Okla. Direct current amplifier and operating same. 1,926,568; Sept. 12.
- Walz, Frederick M. and C. J., Buffalo, N. Y. Vehicle signal. 1,915,505; June 27.
- Walz, Karl, assignor to Independent Lock Company, Fitchburg, Mass. Padlock. 1,908,582; May 9.
- Walz, Shaubut C., Upper Montclair, N. J., and W. A. Adams, New York, N. Y. Badge. Des. 89,979; May 23.
- Wamhoff, William, F., Emblem, Wyo., and W. H. Thompson, Canton, Ill., assignors to International Harvester Company. Planter attachment for tractors. 1,902,924; Mar. 28.
- Wamoscher, Laszlo, Berlin-Wilmersdorf, Germany, assignor to Firm Lonza Elektrizitaetswerke und Chemische Fabriken, A. G., Basel, Switzerland. Prevention of metaldehyde poisonings. 1,893,008; Jan. 3.
- Wamser, Charles J., Milwaukee, Wis. Illuminated display sign. 1,914,932; June 20.
- Wanamaker, Ernest, Chicago, Ill. Belt fastener. 1,907,913; May 9.
- Wanamaker, Harry F. (See Tiers, C. S., and Wanamaker.)
- Wanamaker, Harry F., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stripping mechanism for automatic hosiery driers. 1,914,315; June 13.
- Wanamaker, Harry F., and J. N. Pattison, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Stripping mechanism for hosiery driers. 1,898,918; Feb. 21.
- Wander, A., Limited. (See Wall, William H., assignor.)
- Wanders, Hans H., Hingham, Mass., assignor to Gillette Safety Razor Company, Boston, Mass. Blade receptacle. Des. 90,931; Oct. 24.
- Wandling, Harry T., Alton, Ill. Stoker link. 1,902,149; Mar. 21.
- Wandscheer, Evert, Springfield, S. Dak. Automobile cover. 1,912,231; May 30.
- Wandschneider, Carl S. (See Shodron, J. G., and Wandschneider.)
- Wanemaker, Clyde E., San Diego, Calif. Quick change battery container and clamp. 1,939,742; Dec. 19.
- Waner, Harry E. (See Slabaugh, W. H., and Waner.)
- Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Steering wheel and making the same. 1,925,887; Sept. 5.
- Wang, Sigmund, Hawkesbury, Ontario, Canada. Production of bisulphite liquor and cooling carbon dioxide formed therein. 1,935,351; Nov. 14.
- Wangemann, Paul, Berlin, Germany. Producing water gas. 1,921,711; Aug. 8.
- Wannack, Carl O., assignor, by mesne assignments, to S. H. G. Incorporated, Chicago, Ill. Generating combustible gas. 1,935,925; Nov. 21.
- Wanner, Edwin P., New York, N. Y. Table top. 1,938,305; Dec. 5.
- Wanner, Erich, assignor to the Firm J. R. Geigy S. A., Basel, Switzerland. Production of dyeing conversion products of azo-dyestuffs. 1,907,192; May 2.
- Wanner, George D., Dayton, Ohio. Miniature structure. 1,893,791; Jan. 10.
- Wanner, George D., Dayton, Ohio. Constructing miniature structures. 1,893,792; Jan. 10.
- Wanner, Harry C. (See Nettenstrom, David, assignor.)
- Wansor, William B., Locust Valley, N. Y. Cigarette holder. 1,897,409; Feb. 14.
- Wansor, William B., Locust Valley, N. Y. Brush. 1,901,542; Mar. 14.
- Wantland, Edward F., Beverly Hills, assignor of one-fifth to J. A. Street, Los Angeles, Calif. Automatic gear changing set. 1,935,755; Nov. 21.
- Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Heat regulator. 1,935,168; Nov. 14.
- Wantz, Julius B., Oak Park, assignor to General Electric X-ray Corporation, Chicago, Ill. Demountable oil-immersed tube. 1,909,522; May 16.
- Wantz, Julius B., Oak Park, assignor to General Electric X-ray Corporation, Chicago, Ill. X-ray tube cooling system. 1,938,946; Dec. 12.
- Wappat, Fred W., assignor to Wappat, Incorporated, Pittsburgh, Pa. Motor driven tool switch. 1,929,662; Oct. 10.
- Wappat, Incorporated. (See Wappat, Fred W., assignor.)
- Wappler Electric Company. (See Mutscheller, Arthur, assignor.)
- Wappler, Frederick C., New York, N. Y. Cauterizing instrument and electrode. 1,899,220; Feb. 28.
- Wappler, Frederick C., New York, N. Y. Illuminating attachment for specula. 1,913,780; June 13.
- Wappler, Frederick C., New York, N. Y. Surgical electrode. 1,930,214; Oct. 10.
- Wappler, Frederick C., New York, N. Y. Surgical electrode. 1,932,258; Oct. 24.
- Wappler, Reinhold H., Yonkers, N. Y. Temperature controlling apparatus. 1,904,020; Apr. 18.
- Wappler, Reinhold H., Yonkers, N. Y. Temperature controlling apparatus. 1,904,587; Apr. 18.
- Wappler, Reinhold H., Yonkers, N. Y. Plugging device for catheters. 1,906,678; May 2.
- Wappler, Reinhold H., Yonkers, N. Y. Diathermic electrode. 1,908,583; May 9.
- Waraxa, Peter P., assignor to Nunn, Bush & Weldon Shoe Company, Milwaukee, Wis. Shoe last. 1,932,028; Oct. 24.
- Warbelow, Otto A., et al. (See Schmidt, Albert, assignor.)
- Warburton, Charles A., Exeter, N. H. Hernia truss. 1,899,373; Feb. 28.
- Ward, Albert W., Cricklewold, London, England, assignor to Victor Talking Machine Company. Receptacle for disk talking machine records. 1,926,606; Sept. 12.
- Ward, Alfred T. (See Warren, H. W. H., Newbound, and Ward.)
- Ward, Andrew A., Berkeley, Calif. Swingable sash window. 1,929,962; Oct. 10.

- Ward, Clarence A., Linden, N. J., assignor to Standard Oil Development Company. Separating solid hydrocarbons from liquid hydrocarbons. 1,936,181; Nov. 21.
- Ward, Clarence E. (See Andres, W. J., and Ward.)
- Ward, Clemson H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Charge calculator. 1,893,009; Jan. 3.
- Ward, Damon R. (See Cooley, L. W., and Ward.)
- Ward, David R., Struthers, assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Coated metal article and manufacture thereof. 1,933,401; Oct. 31.
- Ward, Ernest A., Beaumont, Calif. Transmission. 1,917,477; July 11.
- Ward, Ferrari P., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Display device. 1,907,630; May 9.
- Ward, Frederick A., assignor to The Gear Grinding Machine Company, Detroit, Mich. Worm grinding machine. 1,899,654; Feb. 28.
- Ward, Frederick A., assignor to The Gear Grinding Machine Company, Detroit, Mich. Indexing mechanism. 1,925,740; Sept. 5.
- Ward, George H., et al. (See Flatter, Carliss E., assignor.)
- Ward, George M., East Weymouth, Mass. Sales indicator. 1,902,925; Mar. 28.
- Ward, H. J., et al. (See Boyd, Fred S., assignor.)
- Ward, Harley M., Scarsdale, assignor to The Western Union Telegraph Company, New York, N. Y. Electric switch. 1,918,199; July 11.
- Ward, Harry B., Springfield Gardens, N. Y. Holder for dies for punching stereotype printing plates. 1,918,943; July 18.
- Ward, James C. (See Buckner, J. L., and Ward.)
- Ward, Johnathan B. (See Lancaster, J. R., and Ward.)
- Ward Leonard Electric Company. (See Bullinger, Fredric H., assignor.)
- Ward Leonard Electric Company. (See Burkle, Robert R., assignor.)
- Ward Leonard Electric Company. (See Kebler, Leonard, assignor.)
- Ward Leonard Electric Company. (See Kouyoumjian, Haroutiun K., assignor.)
- Ward Leonard Electric Company. (See Terwilliger, Charles O., assignor.)
- Ward, Louis E. (See Hunter, R. M., and Ward.)
- Ward, Louis E., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for electrolysis of fused bath. 1,921,376; Aug. 8.
- Ward, Louis E., assignor to The Dow Chemical Company, Midland, Mich. Electrolytic apparatus. 1,921,377; Aug. 8.
- Ward, Mark. (See Willans, P. W., and Ward.)
- Ward, Mars' all H., Brooklyn, N. Y. Method and device for collapsing bellows and the like. 1,907,914; May 9.
- Ward, Michael, assignor of fifty per cent to H. R. Morrison, Pittsburgh, Pa. Making fertilizer. 1,941,371; Dec. 26.
- Ward, Neil C., Chicago, Ill. Humidifier material. 1,939,837; Dec. 19.
- Ward, Oscar G., Denver, Colo., assignor to Johnson Service Company, Milwaukee, Wis. Temperature control. 1,941,315; Dec. 26.
- Ward, Patrick C., Homeville, Pa. Control system. Re18,834; Mar. 23.
- Ward, Patrick C., Homeville, Pa. Time limit relay. 1,901,617; Mar. 14.
- Ward, R. E., et al. (See Bradshaw, Frank F., assignor.)
- Ward, Raleigh P. (See Carlisle, P. J., and Ward.)
- Ward, Richard H., Queens Village, assignor to E. C. Bowers and C. L. Feldman, receivers for Wickwire Spencer Steel Company, New York, N. Y. Telescopic radiator cabinet. 1,928,745; Oct. 3.
- Ward, Robert E. (See Powers, John H., assignor.)
- Ward, Robert E. (See Rugh, Harry O., assignor.)
- Ward, Rufus L., Irving Tex. Road maintenance machine. 1,921,712; Aug. 8.
- Ward, Sena M., Brooklyn, N. Y. Separable fastener. 1,896,129; Feb. 7.
- Ward, Stephen E. (See Van Emburg, G. H., and Ward.)
- Ward, Thomas W., Limited. (See Holloway, John, assignor.)
- Ward, Wilfred B., assignor to R. H. Price, Richmond, Ind. Guide for correct grinding of twist drills. 1,920,537; Aug. 1.
- Ward, William L., and W. D. Rigney, Port Chester, N. Y., assignors to Russell Burdall & Ward Bolt & Nut Co. Nut-facing machine. 1,899,221; Feb. 28.
- Wardell, Fred A., Jersey City, N. J. Power transmitting apparatus. 1,934,392; Nov. 7.
- Warden, Franklin M. (See Holt, Robert W., assignor.)
- Wardle, Clarence A., Philadelphia, Pa. Drying machine. 1,914,185; June 13.
- Wardley, Thomas, Greenford, England. Manufacture of glassware. 1,900,781; Mar. 7.
- Wardley, Thomas, Greenford, and J. B. Murgatroyd, West Ealing, England, assignors to Hartford-Empire Company, Hartford, Conn. Surface treating glassware. 1,933,529; Oct. 31.
- Wardwell, Henry F., and W. C. Bladin, Chicago, Ill. Side bearing for railway cars. 1,905,196; Apr. 25.
- Wardwell, Henry F., and W. C. Bladin, assignors to W. & B. Company, Chicago, Ill. Roller side bearing. 1,924,669; Aug. 29.
- Ware, John H., jr., Oxford, Pa. Package for candy bars. 1,893,811; Jan. 10.
- Ware, John H., jr., Oxford, Pa. Display box. 1,901,483; Mar. 14.
- Ware, Kennard N. (See Mason, James M., assignor.)
- Ware, Olaf L., Minneapolis, Minn. Window structure. 1,920,614; Aug. 1.
- Ware, Richard P., assignor to Package Improvement Co., Inc., Detroit, Mich. Container. 1,936,417; Nov. 21.
- Ware, Robert R., assignor to Chicago Roller Skate Company, Chicago, Ill. Skate construction. 1,910,193; May 23.
- Ware, Robert R., assignor to Chicago Roller Skate Company, Chicago, Ill. Roller. 1,922,609; Aug. 15.
- Ware, Walter C., assignor to Evans Stamping and Plating Company, Taunton, Mass. Brake mechanism for reversing gearing. 1,912,026; May 30.
- Ware, Willis C., assignor of one-half to E. B. Sickles, Chicago, Ill. Adhesive. 1,919,454; July 25.
- Warford Corporation, The. (See Morgan, Guy, assignor.)
- Warg, Charles A., assignor to McClave-Brooks Company, Scranton, Pa. Closure fastener. 1,935,492; Nov. 14.
- Warholick, Frank. (See Trubenbach, W., and Warholick.)
- Warhus, Oliver F., Albany, N. Y., assignor, by mesne assignments, to The Cincinnati Car Corporation, Cincinnati, Ohio. Motor vehicle. 1,894,075; Jan. 10.
- Warhus, William H., jr., and A. E. Stutzman, Buffalo, N. Y. Headlight. 1,925,423; Sept. 5.
- Waring, Charles E. (See Clarke, H. T., and Waring.)
- Waring, Charles E. (See Malm, C. J., and Waring.)
- Waring, Charles E. (See Staud, C. J., and Waring.)
- Waring, Horace, Liverpool, assignor to Goodlass Wall and Lead Industries Limited, London, England. Drying and/or filtration of mixtures of liquids and solids. 1,912,328; May 30.
- Warman, Lawrence K., assignor to Williams Tool Corporation, Erie, Pa. Chuck. 1,918,439; July 18.
- Warming, Kai. (See Jensen, C. L. E., Utkov, and Warming.)
- Warmisham, Arthur, assignor to Kapella Limited, Leicester, England. Photographic and projection objective. 1,899,069; Feb. 28.
- Warmisham, Arthur, assignor to Kapella Limited, Leicester, England. Photographic and projection lens. 1,926,569; Sept. 12.
- Warmoes, Gustave T. (See Hatton, W., Rousseau and Warmoes.)
- Warmoes, Gustave T., and J. R. A. F. Escande, Paris, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,909,440; May 16.
- Warnat, Kurt, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Aminoketolalcohol and the manufacture of same. 1,911,332; May 30.
- Warne, Arthur S., Vancouver, British Columbia, Canada. Razor stropping device. 1,909,736; May 16.
- Warneke, Roman C., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 1,930,296; Oct. 10.
- Warnell Patents Limited. (See Warner, H. K., and Elliott, assignors.)
- Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Thermostat. 1,910,510; May 23.
- Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Toaster. 1,931,450; Oct. 17.
- Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Toaster. 1,931,451; Oct. 17.
- Warner, Archibald A., Dearborn, Mich. Vibration damper. 1,892,793; Jan. 3.
- Warner, Archibald A., Dearborn, Mich. Vibration damper. 1,901,853; Mar. 14.
- Warner, Archibald A., Royal Oak, Mich., assignor to The Universal Products Company, Inc. Universal joint. 1,921,274; Aug. 8.
- Warner, Archibald A., Royal Oak, Mich., assignor to The Universal Products Co. Inc. Power transmitting mechanism. 1,923,649; Aug. 22.
- Warner, Arthur, Haverford, Pa. Dead-end attachment. 1,897,221; Feb. 14.
- Warner, Arthur W., Media, and R. F. Ballard, Chester, assignors to Tunnel and Mine Machinery Company, Philadelphia, Pa. Method of and apparatus for forming tunnels. 1,917,170; July 4.
- Warner, Bradford G., Fairfield, assignor to The Warner Brothers Company, Bridgeport, Conn. Folding paper box. 1,912,875; June 6.
- Warner Brothers Company, The. (See Field, John, assignor.)
- Warner Brothers Company, The. (See Warner, Bradford G., assignor.)
- Warner Bros. Pictures, Inc. (See Jackman, Fred W., assignor.)
- Warner Bros. Pictures, Inc. (See Jackman, F. W., and Koenekamp, assignors.)
- Warner Bros. Pictures, Inc. (See Ross, Arthur, assignor.)
- Warner, Charles F., assignor of one-half to H. G. Dickerson, Richmond, Va. Pressure switch. 1,908,083; May 9.
- Warner, Charles F., Richmond, Va., assignor to The Whitman Manufacturing Company, Kirksville, Mo. Treatment or surgical table. 1,915,841; June 27.
- Warner, Charles L., Milford, assignor to Baird-Warner, Incorporated, Bridgeport, Conn. Sight opening for oil burning furnaces. 1,931,173; Oct. 17.

- Warner Chemical Company, The. (See Neuberg, Louis, assignor.)
- Warner, Clarence, Dayton, Ohio, assignor to Delco-Light Company, Rochester, N. Y. Gas producing apparatus. 1,923,600; Aug. 22.
- Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Packing. 1,902,792; Mar. 21.
- Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Bolt type emergency governor. 1,931,096; Oct. 17.
- Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Elastic fluid turbine. 1,941,372; Dec. 26.
- Warner, Donald F., and E. V. Pollard, Lynn, Mass., assignors to General Electric Company. Governing mechanism for elastic fluid turbines. 1,917,171; July 4.
- Warner, Douglas K., Bristol, Conn. Apparatus for coal-ing. 1,928,580; Sept. 26.
- Warner, Edgar. (See Scott, H. B., and Warner.)
- Warner, Edgar T., Seattle, Wash., assignor, by mesne assignments, to H. M. Brooks, New York, N. Y.; W. T. Gardiner, Augusta, Me.; and R. K. Hawes, Fall River, Mass., as trustees. Burner construction. 1,912,876; June 6.
- Warner, Edward, Union City, N. J. Implement for playing the game of cat. 1,903,539; Apr. 11.
- Warner, Edward, Jersey City, N. J. Automatically collapsible chair. 1,939,743; Dec. 19.
- Warner Elevator Manufacturing Company, The. (See Liebenberg, Arthur J., assignor.)
- Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Feed mechanism for attaching machines. 1,913,648; June 13.
- Warner, Frank S., Lincoln, Nebr. Vending machine for roll material. 1,931,276; Oct. 17.
- Warner, Frederick W., Denver, Colo. Fire hose clamp. 1,897,743; Feb. 14.
- Warner Gear Company. (See Fishburn, Otto E., assignor.)
- Warner Gear Company. (See White, Samuel O., assignor.)
- Warner, George B., New York, N. Y. Combined radiator guard and cover therefor. Des. 91,096; Nov. 21.
- Warner, George B., New York, N. Y., assignor to Yankee Metal Products Corp. Front shutter for automobile radiators. 1,940,984; Dec. 26.
- Warner, Harry C., assignor of one-fourth to W. F. Hall, Kansas City, Mo. Electric cooker. 1,919,050; July 18.
- Warner, Harry H., and T. Keller, assignors to Warner Manufacturing Company, Minneapolis, Minn. Straight-edge. 1,933,155; Oct. 31.
- Warner, Harry S., Joliet, Ill. Wall structure. 1,902,271; Mar. 21.
- Warner, Herbert T., deceased, Coventry, by Ruth Warner, administratrix, Frome, England, assignor to General Electric Company. Contact breaker. 1,899,543; Feb. 28.
- Warner, Horace K., and G. R. Elliott, assignors to Warnell Patents Limited, Auckland, New Zealand. Electric iron. 1,901,385; Mar. 14.
- Warner, Joseph R., assignor to S. F. Bowser & Company, Fort Wayne, Ind. Automatic lubricator. 1,902,601; Mar. 21.
- Warner, Lawrence E., Oakland, Calif., assignor, by mesne assignments, to J. G. De Remer Research Corporation, Jersey City, N. J. Compressor. 1,896,760; Feb. 7.
- Warner Manufacturing Company. (See Warner, H. H., and Keller, assignors.)
- Warner, Roe P., Kalamazoo, Mich. Device for use in catching earth worms, insects, and the like. 1,932,237; Oct. 24.
- Warner, Russell A., Schenectady, N. Y., assignor to General Electric Company. Demand meter. 1,933,356; Oct. 31.
- Warner, Ruth, administratrix. (See Warner, Herbert T.)
- Warner & Swasey Company, The. (See Bogart, Fred H., assignor.)
- Warner & Swasey Company, The. (See Burrell, Edward P., assignor.)
- Warner & Swasey Company, The. (See Burrell, E. P., and Drake, assignors.)
- Warner & Swasey Company, The. (See Hudson, Thomas J., assignor.)
- Warner, Thomas C., Wichita, Kans. Stripping instrument. 1,927,191; Sept. 19.
- Warner, William F., jr., assignor to Henry Conolly Company, Inc., Rochester, N. Y. Loose leaf binder. 1,925,424; Sept. 5.
- Warning, William G., and T. W. Schilb, St. Louis, Mo., assignors to Swann Research, Inc. Tricalcium phosphate and aluminum phosphate composition salt filler. Re18,907; Aug. 1.
- Warnke, Carl J., assignor of one-half to C. C. Colbert, Elkhart, Ind. Mercury switch thermostat. 1,913,135; June 6.
- Warnke, Carl J., Elkhart, assignor to The Adams & Westlake Company, Chicago, Ill. Electromagnetic motor for pumps and the like. 1,926,074; Sept. 12.
- Warnock, Wallace S., Chicago, Ill. Electrotype-plate mounting. 1,908,497; May 9.
- Warp Compressing Machine Company. (See Javery, Frank B., assignor.)
- Warp Compressing Machine Company. (See Javery, Frank B. and A. J., assignors.)
- Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor and making the same. 1,896,653; Feb. 7.
- Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,918,305; July 18.
- Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Tie plate. 1,925,124; Sept. 5.
- Warren, Admiral J., Washington, D. C. Broom. 1,925,617; Sept. 5.
- Warren Brothers Company. (See Slemmer, William B., assignor.)
- Warren Brothers Company. (See Wallace, Edwin C., assignor.)
- Warren, Charles H., Sparta, Mich. Ring holding arbor. 1,909,323; May 16.
- Warren, Charles W., Towt Holding Company, The. (See Towt, Charles W., assignor.)
- Warren, Clare E., Lansing, Mich. Milk cooler. 1,933,156; Oct. 31.
- Warren, Edgar W., assignor to J. L. Williams, Gettysburg, Pa. Aerial. 1,896,927; Feb. 7.
- Warren, Edward F. and H. Schwarze, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Transmission lock. 1,903,017; Mar. 28.
- Warren, Edward J., Denver, Colo. Rock drill. 1,932,259; Oct. 24.
- Warren Featherbone Co., The. (See Chamberlain, Fred-eric W., assignor.)
- Warren, Grant E. (See Ritchie, C. F., and Warren.)
- Warren, Harold, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of boots and shoes. 1,921,058; Aug. 8.
- Warren, Harold M., assignor to Steel-Bound Container Corporation, St. Petersburg, Fla. Container. Re18,792; Apr. 11.
- Warren, Harold M., assignor to Steel-Bound Container Corporation, St. Petersburg, Fla. Container. 1,907,022; May 2.
- Warren, Harry L., Kinmundy, Ill. Material transporting and handling apparatus. 1,921,959; Aug. 8.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Alternating current motor. 1,895,356; Jan. 24.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Frequency regulating system. 1,906,439; May 2.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Electric motor. 1,913,179; June 6.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Synchronous motor. 1,917,172; July 4.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Electric motor. 1,917,173; July 4.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Non-self-starting synchronous motor. 1,935,462; Nov. 14.
- Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Frequency control apparatus. 1,938,411; Dec. 5.
- Warren, Henry W. H., Coventry, R. Newbound, Rugby, and A. T. Ward, Derby, England, assignors to General Electric Company. Manufacture of synthetic resins. 1,902,477; Mar. 21.
- Warren, James A., assignor of one-half to K. C. Schuyler, Denver, Colo. Attachment for telephones. 1,906,292; May 2.
- Warren, John J., Carthage, N. Y. Trousers. 1,929,296; Oct. 3.
- Warren, John R., Grand Rapids, Mich. Valve structure. 1,907,631; May 9.
- Warren, John R., assignor to C. R. Evenson and J. A. Webber, Grand Rapids, Mich. Shaping helical bodies. 1,928,159; Sept. 26.
- Warren, John W. L., Mount Albert, Auckland, New Zealand. Milking machine. 1,893,257; Jan. 3.
- Warren, Joseph J., Pittsburgh, Pa. Football game. 1,922,904; Aug. 15.
- Warren, Levi G., West Haven, assignor to The Eastern Machine Screw Corporation, New Haven, Conn. Die head. 1,937,418; Nov. 28.
- Warren, Roland C., Trenton, N. J. Brake rod construction. 1,928,083; Sept. 26.
- Warren, S. D., Company. (See Cape, William H., assignor.)
- Warren, Samuel, New York, N. Y. Wheeled toy. 1,931,139; Oct. 17.
- Warren Telechron Company. (See Bourquin, Edgar, assignor.)
- Warren Telechron Company. (See Heile, Harriet, assignor.)
- Warren Telechron Company. (See Rettich, Kurt, assignor.)
- Warren Telechron Company. (See Warren, Henry E., assignor.)
- Warren Telechron Company. (See Wrench, Arthur E., assignor.)
- Warren, Thomas S., Hermosa Beach, Calif. Casing for a hand manipulated therapeutic device. Des. 89,146; Jan. 31.
- Warren, Victor W. (See Hamilton, Leonard, assignor.)
- Warren, Virgil P., Atlanta, Ga. Refrigerator construction. 1,899,171; Feb. 28.

- Warren, Virgil P., Atlanta, Ga. Showcase refrigerator. 1,915,704; June 27.
- Warren, Virgil P., Atlanta, Ga. Display refrigerator. 1,939,800; Dec. 19.
- Warren, Walter G., Chicago, Ill. Aerial target. 1,930,866; Oct. 17.
- Warren, William S., Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. Des. 89,542; Mar. 21.
- Warrick, Charles F., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Humidostat. 1,920,043; July 25.
- Warrick, George W. (See Utterback, F. C., and Warrick.)
- Warrington, Albert R. van C., Drexel Hill Pa., assignor to General Electric Company. Protective apparatus. 1,895,357; Jan. 24.
- Warsaw, Abe J., et al. (See Davis, Maurice E., assignor.)
- Warshaw, Murray, Brooklyn, N. Y. Bookmark. 1,914,001; June 13.
- Warszawska Spolka Akcyjna Budowy Parowozow. (See Madeyski, Julian, assignor.)
- Warth, Albin H., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Material for facing bottle caps and making same. 1,899,782; Feb. 28.
- Warth, Albin H., assignor to Crown Cork & Seal Company, Baltimore, Md. Bottle cap and manufacturing the same. 1,899,783; Feb. 28.
- Warth, Albin H., assignor to Crown Cork & Seal Company, Baltimore, Md. Bottle cap. 1,899,784; Feb. 28.
- Warth, Albin H., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Bottle closure. 1,900,963; Mar. 14.
- Warth, Albin H., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Bottle closure. 1,901,682; Mar. 14.
- Warth, Albin H., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Manufacturing liner material for container closures. 1,908,498; May 9.
- Warth, Albin H., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Bottle cap. 1,928,987; Oct. 3.
- Wartow, Joseph M., Boston, Mass. Transparent advertising sign holder. Des. 89,980; May 23.
- Warwick, William E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Conversion of high-boiling hydrocarbon oils into lower boiling hydrocarbon oils. 1,920,331; Aug. 1.
- Wasberg, Axel. (See Tobin, K. J., and Wasberg.)
- Wasberg, Axel, assignor to Camel Company, Chicago, Ill. Door elevating construction. 1,897,563; Feb. 14.
- Wasberg, Axel, assignor to Camel Company, Chicago, Ill. Sealing means for car doors. 1,911,658; May 30.
- Waseige, Charles R., Rueil, France, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Driving rotary compressors for the supply of internal combustion engines. 1,897,684; Feb. 14.
- Waseige, Charles R., Rueil, assignor to Henri et Maurice Farman, Billancourt, France. Starting device for internal combustion engines. 1,911,414; May 30.
- Waseige, Charles R., Rueil, France, assignor to Eclipse Aviation Corporation, East Orange, N. J. Drive transmission gear of the bevel differential type. 1,912,955; June 6.
- Washburn, Clyde, assignor to Clyde Washburn Company, Memphis, Tenn. License tag. 1,935,681; Nov. 21.
- Washburn, Clyde, Company. (See Washburn, Clyde, assignor.)
- Washburn Company, The. (See Andrews, Charles, assignor.)
- Washburn Company, The. (See Glenny, Clarence S., assignor.)
- Washburn Company, The. (See Hinds, Howard W., assignor.)
- Washburn, Franklin F., Portland, Oreg. Lawn perforator. 1,893,258; Jan. 3.
- Washburn, Frederick C., New Bedford, Mass. Warp beam. 1,924,387; Aug. 29.
- Washburn, John H., Milwaukee, Oreg., assignor to Swift and Company, Chicago, Ill. Belly press. 1,940,035; Dec. 19.
- Washburn, Loring, Greenwich, Conn. Weather stripping for windows. 1,940,279; Dec. 19.
- Washburn, Willis F., and L. Aagaard, St. Louis, Mo., assignors to Titanium Pigment Company, Inc., New York, N. Y. Manufacture of titanium pigments. 1,906,729; May 2.
- Washburn, Willis F., and L. Aagaard, St. Louis, Mo., assignors to Titanium Pigment Company, Inc., New York, N. Y. Manufacture of composite calcium sulphate-titanium oxide pigments. 1,906,730; May 2.
- Washington Bank and Trust Company. (See Oesterlein, C. D., and Littellmann, assignors.)
- Washington, Bowden, deceased, New York, N. Y.; D. C. Washington, administratrix. Radio receiving apparatus. 1,911,253; May 30.
- Washington, Bowden, New York, and W. Aull, Jr., Astoria, N. Y., assignors to Remotrole Corporation. Radioreceiver control. 1,918,674; July 18.
- Washington, Dorothy C., administratrix. (See Washington, Bowden, assignor.)
- Washington Gas Light Company. (See Nachman, Harold J., assignor.)
- Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
- Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
- Wassall, Allen D. (See Richardson, L. W., and Wassall.)
- Wassel, William S., Philadelphia, Pa. Carton. 1,912,329; May 30.
- Wassell, Frank L., assignor to Remington Rand Inc., Buffalo, N. Y. Index. 1,903,206; Mar. 28.
- Wassell, Frank L., assignor to Remington Rand Inc., Buffalo, N. Y. Card holder. 1,925,783; Sept. 5.
- Wassen, Kurt, Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Blasting cap. 1,910,487; May 23.
- Wassenaar, Jan J. S., Pilgrims Rest, Transvaal, Union of South Africa. Distraction bone forceps. 1,920,821; Aug. 1.
- Wassenegger, Hans. (See Lehmann, E., and Wassenegger.)
- Wasser, Joseph J., assignor to Pevely Dairy Company, St. Louis, Mo. Display device. 1,923,856; Aug. 22.
- Wasserberg, Max, Brooklyn, N. Y. Ownership identification device. 1,902,001; Mar. 21.
- Wasserberg, Max, Brooklyn, N. Y. Beach and lawn chair. 1,911,127; May 23.
- Wassilief, Viktor, and A. De Witt, Brunn, Czechoslovakia. Transmission gear. 1,919,870; July 25.
- Wasson, Harry C., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Variable volume control mechanism for compressors. 1,939,424; Dec. 12.
- Wasson, Homer K., Mooringsport, La. Oil well pump valve. 1,936,975; Nov. 28.
- Wasson, James G., Canton, Ill. Insect destroyer. 1,939,838; Dec. 19.
- Wasson, Orie E., assignor to The Bessemer Cement Corporation, Youngstown, Ohio. Mortar cement. 1,904,909; Apr. 18.
- Wasson, Orville, Brookline, Pa., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,906,346; May 2.
- Watairway Manufacturing Corporation, The. (See Guldetti, F., and Bontempi, assignors.)
- Watanabe, Chikazo, Los Angeles, Calif. Shoe guard. 1,895,141; Jan. 24.
- Watanabe, Chikazo, Los Angeles, Calif. Shoe. 1,921,177; Aug. 8.
- Watchorn, Edward, Aldwych, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Core wrapping machine. 1,933,289; Oct. 31.
- Watchorn, George, Leigh, Nebr. Checkrow wire stake. 1,928,342; Sept. 26.
- Waterbor, Elmer F., assignor to Michigan Malleable Iron Co., Detroit, Mich. Vehicle wheel. 1,912,110; May 30.
- Waterbor, Elmer F., assignor to Michigan Malleable Iron Company, Detroit, Mich. Molding device. 1,912,673; June 6.
- Waterbury Brass Goods Corporation, The. (See Davis, Albert L., assignor.)
- Waterbury Brass Goods Corporation, The. (See Miner, Anson W., assignor.)
- Waterbury Brass Goods Corporation, The. (See Stevens, Carlton R., assignor.)
- Waterbury Brass Goods Corporation, The. (See Vogel, Paul H., assignor.)
- Waterbury Clock Company. (See Cowles, George P., assignor.)
- Waterbury Clock Company. (See Granger, Charles H., assignor.)
- Waterbury Clock Company. (See Haydon, Arthur W., assignor.)
- Waterbury Clock Company. (See Putnam, James R., assignor.)
- Waterbury Clock Company. (See Putnam, J. R., and Haydon, assignors.)
- Waterbury Clock Company. (See Wallace, Edward P., assignor.)
- Waterbury Clock Company. (See Wehinger, Frederick, assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Burbank, Louis S., assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Pierson, William D., assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
- Waterbury, John H., (See Benjamin, R. B., and Waterbury.)
- Waterbury Lock & Specialty Company, The. (See Evans, William E., assignor.)
- Waterbury Tool Company, The. (See Ellis, Arthur L., assignor.)
- Waterbury Tool Company, The. (See Ellis, A. L., and Francis, assignors.)
- Waterbury Tool Company, The. (See Gros, Henry G., assignor.)
- Waterbury Tool Company, The. (See Robson, John, assignor.)
- Waterbury Tool Company, The. (See Rouse, Warren E., assignor.)
- Waterfall, Wallace. (See Munroe, T. B., and Waterfall.)
- Waterhouse, David. (See Prince-Smith, W., and Waterhouse.)
- Waterhouse, Harold D., Rochester, N. Y. Safety clutch mechanism. 1,927,509; Sept. 19.
- Waterhouse, John W., assignor to G. E. Watts, Portland, Oreg. Rubber cap-wrench. 1,924,579; Aug. 29.

- Waterman, Fred, Winnebago, Nebr. Steering device for planters. 1,898,920; Feb. 21.
- Waterman, Fred W., jr., assignor to Century Stove & Manufacturing Company, Johnstown, Pa. Radiant heater. Des. 90,825; Oct. 3.
- Waterman, Hein I., Delft, assignor to De Bataafsche Petroleum Maatschappij, Hague, Netherlands. Manufacture of liquid products from coal or carbonaceous materials and for liquefying said materials. 1,915,394; June 27.
- Waterman, Hein I., Delft, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Hydrogenation of carbonaceous material. 1,929,528; Oct. 10.
- Waterman, L. E., Company. (See Bowen, Daniel V., assignor.)
- Waterman, L. E., Company. (See Bowen, D. V., and Douglas, assignors.)
- Waterman, L. E., Company. (See Larsen, Gabriel, assignor.)
- Waterman, L. E., Company. (See Nilsson, O. F., and Bachrach, assignors.)
- Waterman, L. E., Company. (See Soper, Henry F., assignor.)
- Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,916,180; June 27.
- Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 1,936,372; Nov. 21.
- Waterman, William. (See Meyercord, G. R., and Waterman.)
- Waters, Charles B. (See Steindler, L. L., and Waters.)
- Waters, Daniel V. (See Johnson, F. V., Hanson, and Waters.)
- Waters, Daniel V., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Driving device. 1,910,194; May 23.
- Waters Genter Company. (See Forbes, Thomas C., assignor.)
- Waters-Genter Company. (See Harris, Jesse.)
- Waters-Genter Company. (See Rohne, Even J., assignor.)
- Waters-Genter Company. (See Rosendahl, Harold R., assignor.)
- Waters, Harry F., New York, N. Y. Overshoe. Des. 90,037; May 30.
- Waters, Harry H., and R. F. Gagg, Clinton, Iowa, assignor to Climax Engineering Company, Chicago, Ill. Internal combustion engine. 1,901,618; Mar. 14.
- Waters, Henry L. H., Montreal, Quebec, Canada. Ripening or curing of cheese. 1,910,195; May 23.
- Waters, Julia K., administratrix. (See Steindler, L. L., and Waters.)
- Waters, Millard F. (See Mount, W. M., and Waters.)
- Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Pipe coupling. 1,905,324; Apr. 25.
- Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Oil and gas separator. 1,910,728; May 23.
- Waters, R. W. (See Gilmer, Ernest E., assignor.)
- Waters, Tullius C. (See Owens, J. A., and Waters.)
- Watervliet Tool Company. (See Kattrein, William J., assignor.)
- Water Works Supply Company. (See Hubbard, Edward L., assignor.)
- Wathey, Arthur, Lakewood, Ohio. Tuyère block. 1,911,862; May 30.
- Wathne, Campbell. (See Langberg, C., and Wathne.)
- Watkins, Charles, Brighton, England. Frame building. 1,929,226; Oct. 3.
- Watkins, Edward J. (See Koza, Millard J., assignor.)
- Watkins, Frank M., Cincinnati, Ohio. Extractor. 1,937,860; Dec. 5.
- Watkins, Frederick M. (See Wittkuhns, B. A., and Watkins.)
- Watkins, George B. (See Fraser, F., and Watkins.)
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass. 1,911,296; May 30.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass. 1,913,223; June 6.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treating laminated glass to prepare it for sealing. 1,919,757; July 25.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sealing laminated glass. 1,924,580; Aug. 29.
- Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass and producing the same. 1,937,396; Nov. 28.
- Watkins, George B., and J. H. Boicey, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for sealing laminated glass. 1,928,160; Sept. 26.
- Watkins, Howard R. (See Palkin, S., and Watkins.)
- Watkins, James O., San Francisco, Calif., assignor to International Communications Laboratories, Inc., New York, N. Y. Short wave signaling apparatus. 1,920,223; Aug. 1.
- Watkins, James R., assignor, by mesne assignments, to Chicago, Mill and Lumber Company, Chicago, Ill. Packing device. 1,918,157; July 11.
- Watkins, O. M., Company. (See Jenckes, George W., assignor.)
- Watkins, Parke H., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Rubber coated articles and process. 1,896,263; Feb. 7.
- Watkins, Parke H., assignor to The Naugatuck Chemical Company, Naugatuck, Conn. Treating rubber surfaces and products produced thereby. 1,928,988; Oct. 3.
- Watkins, Ray O., assignor to Universal Battery Company, Chicago, Ill. Casting and handling storage battery grids. 1,936,218; Nov. 21.
- Watkins, Stanley S. A. (See Miller, J. A., Watkins and Simpson.)
- Watkins, Stanley S. A., London, England, assignor to Electrical Research Products Inc., New York, N. Y. Sensitometry. 1,931,046; Oct. 17.
- Watkins, T. B. (See Williams, Clarence E., assignor.)
- Watkins, Walter G., assignor to Skelly Oil Company, El Dorado, Kans. Method and apparatus for producing fixed carbureted air gas. 1,903,583; Apr. 11.
- Watkins, Walter G., Kansas City, Mo., assignor to Skelly Oil Company, El Dorado, Kans. Dispensing device. 1,933,198; Oct. 31.
- Watkins, William C., jr., Bridgeton, N. J. Globe for lighting fixtures. Des. 90,002; May 23.
- Watkins, William P. (See Ash, A. L., and Watkins.)
- Watling, Albert J., assignor to Watling Manufacturing Company, Chicago, Ill. Game board. Des. 89,228; Feb. 7.
- Watling Manufacturing Company. (See Watling, Albert J., assignor.)
- Watling Scale Company. (See Watling, William, assignor.)
- Watling, Thomas W. B., Chicago, Ill. Coin controlled amusement apparatus. 1,923,287; Aug. 22.
- Watling, Walter, Chicago, Ill. Stein. Des. 90,046; May 30.
- Watling, William, assignor to Watling Scale Company, Chicago, Ill. Casing for weighing scales. Des. 91,224; Dec. 19.
- Watling, William, assignor to Watling Scale Company, Chicago, Ill. Casing for weighing scales. Des. 91,225; Dec. 19.
- Watowski, Mike, Lumberton, British Columbia, Canada. Collapsible tree support. 1,906,293; May 2.
- Watral, Valentine B., and B. V. Kolenik, New York, N. Y. Shade frame construction. 1,899,429; Feb. 28.
- Watrous, Earl G., Chicago, Ill. Plumbing device. 1,922,647; Aug. 15.
- Watrous, Earl G., Chicago, Ill. Lavatory. 1,930,633; Oct. 17.
- Watson, Agnes G., and A. E. Robingson, London, Ontario, Canada. Electrically operated hot air furnace. 1,940,985; Dec. 26.
- Watson, Archie S., Highland Park, Mich. Garage handling mechanism. 1,903,274; Mar. 28.
- Watson, Cecil A. B., Auckland, New Zealand. Exposure indicator attachment to photographic cameras. 1,905,956; Apr. 25.
- Watson, Chester A., Ballinger, Tex. Hose coupling. 1,911,333; May 30.
- Watson, Claude G., Pasadena, assignor of one-half to J. Byers and G. D. Gottschick, Pasadena, Calif. Salt and pepper shaker. 1,904,757; Apr. 18.
- Watson, Claude W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Process and apparatus for converting hydrocarbon oils. 1,929,529; Oct. 10.
- Watson, Claude W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 1,933,574; Nov. 7.
- Watson, Claude W., and J. H. Grahame, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Cracking process. 1,897,348; Feb. 14.
- Watson, Clifford D. (See Fitch, J. A., and Watson.)
- Watson, Coleman H. (See Simon, A. W., Kron, Watson, and Raymond.)
- Watson, Cornelius B. (See Carr, R. H., and Watson.)
- Watson, Cornelius B. (See Harnsberger, A. E., and Watson.)
- Watson, Cornelius B., assignor to The Pure Oil Company, Chicago, Ill. Liquid phase polymerization of hydrocarbon oils. 1,894,331; Jan. 17.
- Watson, David M., Elkins Park, and G. C. Muñoz, assignors to The American Fulley Company, Philadelphia, Pa. Hand truck. 1,908,618; May 9.
- Watson, Edgar, Towson, assignor to The Lafayette Company, Baltimore, Md. Machine for forming diagonally corrugated board. 1,931,365; Oct. 17.
- Watson, Edgar, Towson, assignor to The Lafayette Company, Baltimore, Md. Die forming apparatus for large sheets of material. 1,938,473; Dec. 5.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Remote control system. 1,898,921; Feb. 21.
- Watson, Edward F., assignor to American Telephone and Telegraph Company, Larchmont, N. Y. Telegraphic intercommunicating system. 1,920,453; Aug. 1.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Manifold typewriting machine. 1,934,897; Nov. 14.
- Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Printing telegraph system. 1,939,613; Dec. 12.

- Watson, Frank M., Jackson, Mich. Kite. 1,912,808; June 6.
- Watson, Frank M., Portsmouth, Va. Electric paint remover. 1,926,075; Sept. 12.
- Watson, George O., Rugby, England, assignor to General Electric Company. Electric ship propulsion. 1,900,594; Mar. 7.
- Watson, George R., Waterloo, Iowa. Well drilling machine. 1,894,432; Jan. 17.
- Watson, George V. E., and R. O. Stubbins, Seattle, Wash. Mural decoration. 1,903,152; Mar. 28.
- Watson, Glenn W., Detroit, Mich., assignor to Watson-graph Corporation, New York, N. Y. Communication system. 1,927,077; Sept. 19.
- Watson, Harold L., Lynn, Mass., assignor to General Electric Company. Making cast basalt articles. 1,893,382; Jan. 3.
- Watson, Hathaway. (See MacCaskie, Thomas M., assignor.)
- Watson, Henry, Highwalls, Dinas Powys, Wales. Sealing device. 1,916,451; July 4.
- Watson, Henry, Highwalls, Dinas Powys, Wales. Sealing device. 1,916,452; July 4.
- Watson, Henry P. (See Cullen, H. E., and Ronning, assignors.)
- Watson, James A., jr., Silver Spring, Md. Rear axle construction for motor vehicles. 1,893,259; Jan. 3.
- Watson, James A., deceased, Silver Spring, Md.; M. C. Watson, executrix. Combined lock and door retainer for automobile doors. 1,908,387; May 9.
- Watson, James A., deceased, Silver Spring, Md.; M. C. Watson executrix. Combined lock and door retainer. 1,908,388; May 9.
- Watson, John, Passaic, assignor to Sweeney Lithograph Co., Inc., Belleville, N. J. Easel. 1,900,375; Mar. 7.
- Watson, John F. (See Hunter, P. V., Watson, and Brazier.)
- Watson, John P., Elsa, Tex. Transmission mechanism. 1,911,217; May 30.
- Watson, John P., and S. Parker, assignors to Vickers-Armstrongs Limited, Westminster, England. Apparatus for use in the fire control of antiaircraft guns. 1,940,518; Dec. 19.
- Watson, John Warren. (See Hargreaves, Herbert.)
- Watson, Joseph R., assignor to V. L. Watson, San Francisco, Calif. Fire resistant and preservative composition. 1,900,211; Mar. 7.
- Watson, Joseph R., assignor to V. L. Watson, San Francisco, Calif. Fire resistant and preservative composition and making same. 1,900,212; Mar. 7.
- Watson, Kenneth M. (See Houzen, O. A., and Watson.)
- Watson, Leston, Fort Worth, Tex. Pile driving machine. 1,893,687; Jan. 10.
- Watson, Mary C., executrix. (See Watson, James A.)
- Watson, Richard M., Detroit, Mich. Loose leaf binder. 1,915,140; June 20.
- Watson, Robert, assignor to Firebar Corporation, Cleveland, Ohio. Grate frame. 1,911,007; May 23.
- Watson, Robert, Cleveland, Ohio, assignor, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Grate frame. 1,938,362; Dec. 5.
- Watson, Russell A., assignor to Federal Mogul Corporation, Detroit, Mich. Apparatus for babbit-lining bearing shells. 1,912,606; June 6.
- Watson-Stillman Co., The. (See Davis, Frank L., jr., assignor.)
- Watson, Thomas, et al. (See Carton, Lee C., assignor.)
- Watson, Virginia L. (See Watson, Joseph R., assignor.)
- Watson, William, Glasgow, Scotland. Dental machine. 1,928,518; Sept. 26.
- Watson, William U., and Joseph A. Le Bouthillier, Chicago, Ill. Fastening device. 1,930,783; Oct. 17.
- Watson, William W., Jamestown, N. Y. Screen. 1,923,346; Aug. 22.
- Watsongraph Corporation. (See Watson, Glenn W., assignor.)
- Watt, Archie G., Allentown, Pa. Card table attachment. Des. 90,964; Oct. 31.
- Watt, Elihu D., La Grange, Ill., assignor to Raymond Concrete Pile Company, New York, N. Y. Internally tapered pile shell section. 1,893,010; Jan. 3.
- Watt, Elihu D., La Grange, Ill., assignor to Raymond Concrete Pile Company, New York, N. Y. Lining pile shells. 1,893,011; Jan. 3.
- Watt, Elihu D., La Grange, Ill., assignor to Raymond Concrete Pile Company, New York, N. Y. Pile boring and facing machine. 1,916,701; July 4.
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Reinforcement for composite piles. 1,912,111; May 30.
- Watt, Elihu D., Plainfield, N. J., assignor to The Conover Company, Chicago, Ill. Dishwashing machine. 1,915,079; June 20.
- Watt, Elihu D., Plainfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Composite pile joint. 1,916,702; July 4.
- Watt Manufacturing Company. (See Mohler, P., and Frantz, assignors.)
- Watt, Sern I. (See Bardon, D. M., Greaves, and Watt.)
- Watters, Egbert K., assignor to Hughes Tool Company, Houston, Tex. Pneumatically operated swab plunger. 1,932,495; Oct. 31.
- Wattie, William M., Worcester, and K. S. Whitten, Auburn, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Reversing multiplier. 1,904,338; Apr. 18.
- Wattfleworth, Charles W., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Apparatus for cutting web material. 1,930,330; Oct. 10.
- Watts, Cecil F., Miami, Fla. Telegravure apparatus. 1,894,967; Jan. 24.
- Watts, Cleat T., Chicago, Ill. Portable floodlight unit for airports. 1,934,576; Nov. 7.
- Watts, Edward, Aldwych, London, England, assignor to Electrical Research Products, Inc., New York, N. Y. Film guide rollers. 1,910,976; May 23.
- Watts, Edward, and C. E. Stanley, Aldwych, London, England, assignors to Electrical Research Products Inc., New York, N. Y. Lubricating system for worm and worm wheel drive. 1,940,110; Dec. 19.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Electric switch and casing. 1,909,641; May 16.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Electric switch and casing. 1,909,642; May 16.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Electric switch. 1,912,607; June 6.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Circuit continuing device. 1,922,648; Aug. 15.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Snap terminal. 1,928,581; Sept. 26.
- Watts, Felix J., assignor to H. A. Douglas, Bronson, Mich. Electric switch. 1,932,367; Oct. 24.
- Watts, Felix J., Bronson, and C. Wittenmyer, Detroit, Mich. Motion picture machine. 1,893,189; Jan. 3.
- Watts, Frank E., assignor to Hupp Motor Car Corporation, Detroit, Mich. Rear end construction for vehicle bodies. 1,904,841; Apr. 18.
- Watts, George E. (See Waterhouse, John W., assignor.)
- Watts, George W. (See Krauel, P. L., and Watts.)
- Watts, George W. (See Shaeffer, E. J., Watts, Brown, and Wilson.)
- Watts, Joel W. (See Hamilton, J. W., and Watts.)
- Watts, Noble H., Alameda, Calif., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Electrical terminals. 1,897,829; Feb. 14.
- Watts, Noble H., Alameda, Calif., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Cord terminal manufacturing process and apparatus. 1,913,419; June 13.
- Watts, Noble H., Oakland, Calif., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Electrical cord terminal. 1,918,070; July 11.
- Watts, Noble H., Oakland, Calif., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Cord terminal. 1,918,071; July 11.
- Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Table for ironing machines and the like. 1,929,227; Oct. 3.
- Watts, Rhea N., Baton Rouge, La., assignor to Standard-I. G. Company. Recovering valuable materials from spent catalysts. 1,904,582; Apr. 18.
- Watts, Richard E., Stamford, England. Driving gear for engines, compressors, pumps and the like. 1,898,411; Feb. 21.
- Watts, William S., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,917,864; July 11.
- Watts, William S., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 1,935,340; Nov. 14.
- Watzke, Albin R., El Paso, Tex., assignor to American Smelting and Refining Company, New York, N. Y. Steel pallet for sintering machines. 1,932,496; Oct. 31.
- Watzke, Gustave H., and L. G. Berigan, assignors to French Battery Company, Madison, Wis. Dry cell and manufacture thereof. 1,914,057; June 13.
- Waugh, Delphin C. (See Lewis, K. R., and Waugh.)
- Waugh, Edward H., assignor to Smith Cannery Machines Company, Seattle, Wash. Feeder table. 1,909,643; May 16.
- Waugh Equipment Company. (See Clark, Leverett M., assignor.)
- Waugh Equipment Co. (See O'Brien, Richard J., assignor.)
- Waugh Equipment Company. (See Thompson, James S., assignor.)
- Waugh Equipment Company. (See Van Woert, Myron P., assignor.)
- Waugh Equipment Company. (See Watson, Robert, assignor.)
- Waugh, John. (See Lamont, James H., assignor.)
- Waukesha Motor Company. (See Fisher, James B., assignor.)
- Waukesha Motor Company. (See Hofmann, Max, assignor.)
- Waukesha Motor Company. (See Horning, Harry L., assignor.)
- Waukesha Motor Company. (See Pope, Arthur W., jr., assignor.)
- Wawn, Reginald T. (See Monro, A., Wawn, and Anderson.)
- Wax, Evelyn, Briarwood, assignor to William Willhelm, Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,005; May 23.
- Wax, Evelyn, Briarwood, Long Island, assignor to William Willhelm Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 90,058; May 30.

- Waxed-Papers Limited. (See Weguelin, Walter H., assignor.)
- Waxler, Reuben L., Houston, Tex. Blow-out preventer. 1,912,809; June 6.
- Way, Chester M., Burlington, Vt. Light plug. 1,900,782; Mar. 7.
- Way, Clarence J., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 1,893,383; Jan. 3.
- Way, Harry C., Wheeling, W. Va. Grave marker. 1,910,780; May 23.
- Way, Harry C., Wheeling, W. Va. Packaging or crating structure. 1,910,781; May 23.
- Way, Harry C., Wheeling, W. Va. Packaging or crating structure. 1,910,782; May 23.
- Way, Harry C., Wheeling, W. Va. Packaging or crating structure. 1,910,783; May 23.
- Wayland, Edwin M., Coveseville, Va. Sizing machine. 1,925,158; Sept. 5.
- Wayles, Edgar E., East Hartford, Conn. Radiator. 1,898,327; Feb. 21.
- Wayne Company. (See Casterline, David M., assignor.)
- Wayne Company. (See Griffin, William M., assignor.)
- Wayne Company. (See Halstead, S. M., Wickland, and Austin, assignors.)
- Wayne Company. (See Transtrom, R. L., and Hurlbut, assignors.)
- Wayne Manufacturing Co. (See Quarnstrom, Ivan T., assignor.)
- Wayne Pump Company, The. (See McCandless, Lyon, assignor.)
- Wayne, Truman B., Houston, Tex. Resolving petroleum emulsions. 1,912,350; May 30.
- Wayne, Truman B., Houston, Tex. Resolving emulsions. 1,913,871; July 25.
- Wayne, Truman B., Houston, Tex. Breaking petroleum emulsions. 1,937,259; Nov. 28.
- Wayringer, Henry A., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 1,935,423; Nov. 14.
- Wearn's Inventions, Ltd. (See Wilhelm, Harold F., assignor.)
- Weast, V. R. (See Baughman, Irving E., assignor.)
- Weatherbest Stained Shingle Company. (See Howe, S. B., and Bliss, assignors.)
- Weatherby, Kenneth C. (See Mellink, C. F., and Weatherby.)
- Weatherford, Elizabeth M., Louisville, Ky. Instrument panel embodying theft foil for valuables. 1,930,573; Oct. 17.
- Weatherhead, Albert J., jr., Cleveland, Ohio. Automobile controller and switch. Re18,731; Feb. 7.
- Weatherhead, Albert J., jr., Cleveland, Ohio. Producing a controlling device. 1,905,664; Apr. 25.
- Weatherhead, Albert J., jr., Cleveland, Ohio. Hydraulic brake system for automobiles. 1,909,989; May 23.
- Weatherhead, Albert J., jr., Cleveland, Ohio. Control assembly. 1,911,540; May 30.
- Weatherhead, Albert J., jr., assignor to The Weatherhead Company, Cleveland, Ohio. Fitting. 1,924,007; Aug. 22.
- Weatherhead, Albert J., jr., assignor to Weatherhead Company, Cleveland, Ohio. Controlling device. 1,932,056; Oct. 24.
- Weatherhead, Albert J., jr., and J. D. Baldwin, jr., Cleveland, Ohio; said Baldwin assignor to said Weatherhead. Producing couplings. 1,905,665; Apr. 25.
- Weatherhead Company, The. (See Stecher, Henry D., assignor.)
- Weatherhead Company, The. (See Weatherhead, Albert J., jr., assignor.)
- Weatherly, James F., assignor to H. G. Higgins, Miami, Fla. Table. 1,924,223; Aug. 29.
- Weathers, Grover L., Visalia, Calif. Cylinder head for air cooled motors. 1,906,780; May 2.
- Weaton, George F. (See Isbel, W. T., and Weaton.)
- Weaton, George F., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Metallurgical condenser. 1,901,543; Mar. 14.
- Weaton, George F., Beaver, Pa., assignor to St. Joseph Lead Company, New York, N. Y. Discharging device. 1,932,388; Oct. 31.
- Weaton, Percy E., Hamden, Conn. Clothes hanger. 1,896,654; Feb. 7.
- Weaver, Allan, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Combined telegraphy and telephony. 1,895,058; Jan. 24.
- Weaver, Allan, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Electrooptical system. 1,895,531; Jan. 31.
- Weaver, Allan, assignor to American Telephone and Telegraph Company, Port Washington, N. Y. Signal distortion indicating device. 1,920,454; Aug. 1.
- Weaver, Bernard H., Hudson, N. Y. Automatic window closer. 1,893,260; Jan. 3.
- Weaver, Caius E., Schenectady, N. Y., assignor to General Electric Company. Control system for rotary drilling. 1,923,694; Aug. 22.
- Weaver, Eastman A., Winchester, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Refrigeration. 1,892,821; Jan. 3.
- Weaver, Eastman A., Winchester, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Fluid apparatus. 1,924,894; Aug. 29.
- Weaver, Eastman A., Winchester, Mass., assignor, by mesne assignments, to Stator Refrigeration, Inc. Refrigerating system. 1,935,866; Nov. 21.
- Weaver, Elverton W., Cleveland Heights, assignor to The Columbia Axle Company, Cleveland, Ohio. Non-metallic connection. 1,923,601; Aug. 22.
- Weaver, Eston W., Sharps Chapel, Tenn. Gas generator. 1,932,565; Oct. 31.
- Weaver, George B. (See Du Pont, E. P., and Weaver.)
- Weaver, George B. (See Du Pont, E. P., Weaver, and Hosley.)
- Weaver, George B., Birmingham, Ala., assignor to National Cast Iron Pipe Company. High pressure joint for cast iron pipe. 1,911,659; May 30.
- Weaver, George B., Springfield, Mass., and W. J. Knaut, New Haven, Conn., assignors to Indian Motorcycle Company, Springfield, Mass. Street sweeper. 1,922,338; Aug. 15.
- Weaver, Harry F., assignor to M. D. Helfrich, Evansville, Ind. Combination dush tank and bowl. 1,907,193; May 2.
- Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Vehicle-wheel brake tester. 1,892,919; Jan. 3.
- Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Brake tester for vehicle wheels. 1,931,780; Oct. 24.
- Weaver, John A. (See Hughes, Hugh V., assignor.)
- Weaver, John A., Greeley, Colo. Massaging machine. 1,929,107; Oct. 3.
- Weaver, Joseph B., New York, N. Y. Method and apparatus for continuously treating petroleum distillates. 1,929,861; Oct. 10.
- Weaver, Joseph B., New York, N. Y. Continuous coking still. 1,931,594; Oct. 24.
- Weaver, Joseph B., Chicago, Ill., assignor, by mesne assignments, to Gyro Process Company. Apparatus and process for treating hydrocarbon oils. 1,936,699; Nov. 28.
- Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Rotating mechanism. 1,920,224; Aug. 1.
- Weaver, Lester C., Stockton, Calif. Water, dirt, and oil tight disk assembly. 1,917,674; July 11.
- Weaver Manufacturing Company. (See Weaver, Ira A., assignor.)
- Weaver-Wall Company, The. (See Lambacher, Benjamin W., assignor.)
- Weaver Wall Company, The. (See Wall, Ayana L., assignor.)
- Weaver, Warren W., Rheems, and M. E. Patton, Columbia, Pa. Bottle capper. 1,931,943; Oct. 24.
- Weaver, William E., Toronto, Ontario, Canada, assignor to General Electric Company. Electrical control system. 1,894,838; Jan. 17.
- Webb, Albert A., Westmount, assignor to Imperial Tobacco Company of Canada, Limited, Montreal, Quebec, Canada. Novelty display cover and container. 1,934,218; Nov. 7.
- Webb, Arthur B., Milwaukee, Wis., assignor to The Right-way Corporation. Applying push or pull of motor vehicles to increase traction. 1,923,288; Aug. 22.
- Webb, Christopher F., assignor to Bell Punch Company Limited, Middlesex, England. Coin freed mechanism. 1,919,581; July 25.
- Webb, Christopher F., Eastcote, Middlesex, assignor to Bell Punch Company Limited, London, England. Coin testing device. 1,932,716; Oct. 31.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring damping car truck. 1,894,385; Jan. 17.
- Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring damping truck. 1,894,386; Jan. 17.
- Webb, Ernest C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Method of and apparatus for automatically controlling the amount of heat supplied to a building. 1,929,182; Oct. 3.
- Webb, Frederick R., Thames-Ditton, England. Apparatus capable of producing a uniform discharge of fluid from or against a variable head or pressure. 1,907,162; May 2.
- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Drying machine. 1,910,868; May 23.
- Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Washing machine. 1,936,279; Nov. 21.
- Webb, George E., assignor to Keohring Company, Milwaukee, Wis. Moisture or consistency indicator. 1,930,831; Oct. 17.
- Webb, Hartwell W., Pleasant Plains, Staten Island, N. Y. Producing flexible shafts. 1,924,701; Aug. 29.
- Webb, Hartwell W., assignor to A C Spark Plug Company, Flint, Mich. Flexible cable. 1,905,197; Apr. 25.
- Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bearing lubricating device. 1,907,023; May 2.
- Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Worktable. 1,919,609; July 25.
- Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Outfit for sewing filled sacks and like articles. 1,930,215; Oct. 10.
- Webb, James. (See Arienta, J. S., and Webb.)
- Webb, Jervis B., Royal Oak, Mich. Trolley for conveyer systems. 1,920,774; Aug. 1.

- Webb, Jervis B., Royal Oak, and D. A. Blair, Detroit, Mich. Conveyor system. 1,921,109; Aug. 8.
- Webb, John K. (See Scott, T. R., and Webb.)
- Webb, Lawrence H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. High speed tape recorder. 1,923,403; Aug. 22.
- Webb, Lewis W., Erie, Pa., assignor to General Electric Company. Remote-control system. 1,929,297; Oct. 3.
- Webb, Nelson, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Annealing furnace. 1,938,306; Dec. 5.
- Webb, Nelson W., assignor to Eastwood Wire Corporation, Belleville, N. J. Machine for working wire cloth. 1,917,624; July 11.
- Webb, Robert W., Washington, D. C., dedicated to the Government and the People of the United States of America. Cotton fiber sorting apparatus. 1,932,095; Oct. 24.
- Webb, Samuel, Pittsburgh, Pa., assignor to National Tube Company. Chuck. 1,915,705; June 27.
- Webb, Samuel N., Johnstown, Pa., assignor to Roy Withers. Directional signal. 1,903,692; Apr. 11.
- Webb, William E., Minneola, Fla. Steering wheel. Des. 90,604; Aug. 29.
- Webb, William E., Minneola, Fla. Vehicle steering wheel. 1,936,637; Nov. 21.
- Webbeking, Carl H., Waterloo, Iowa. Micrometer caliper attachment. 1,921,899; Aug. 8.
- Webber, Arthur. (See McKnight, R. R., and Webber.)
- Webber, Calvin R., assignor to The Packer Manufacturing Co., Inc., New York, N. Y. Bottle closure. 1,918,307; July 18.
- Webber, Calvin R., Brooklyn, assignor to The Packer Manufacturing Co., Inc., New York, N. Y. Container. 1,918,308; July 18.
- Webber, Charles S. (See Staud, C. J., and Webber.)
- Webber, Charles S., Springfield, Mass., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of cellulose acetate. 1,905,536; Apr. 25.
- Webber, Charles S., Springfield, Mass., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Hydrolysis of cellulose acetate. 1,905,537; Apr. 25.
- Webber, Charles S., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of organic esters of cellulose. 1,908,499; May 9.
- Webber, Charles S., Springfield, Mass., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Separation of cellulose acetate from its reaction bath. 1,912,746; June 6.
- Webber, Charles S., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Dehydration of acetic acid. 1,917,410; July 11.
- Webber, Charles S., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Electrolytic process for simultaneously bleaching and removing metallic impurities from cellulose esters. 1,921,492; Aug. 8.
- Webber, Charles S., Springfield, Mass., and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Rendering cellulose materials translucent. 1,939,244; Dec. 12.
- Webber, Daniel, Grafton, N. Dak. Hair clip. 1,940,778; Dec. 26.
- Webber, James A., et al. (See Warren, J. R., assignor.)
- Webber, Leonard M., Los Angeles, Calif. Book-holding device. 1,916,591; July 4.
- Webel, Franz, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of polymerization products from alkylene oxides. 1,921,378; Aug. 8.
- Weber, John F., Bronxville, N. Y., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 1,908,466; May 9.
- Weber, Anton, and L. Weber, Kreiznach, Germany. Tractor. 1,918,221; July 11.
- Weber, Arthur E., Forest Hill, and J. A. Howard, Streatham Hill, London, England, assignors to The Hairlock Company, Inc., New York, N. Y. Upholstery pad and making the same. 1,906,028; Apr. 25.
- Weber, August, Jr., assignor to Weber Electric Company, Schenectady, N. Y. Sagger and making the same. 1,937,450; Nov. 28.
- Weber, Carl, Jacksonville, Fla. Diversion dam. 1,902,741; Mar. 21.
- Weber, Carl M., Rochester, N. Y. Lens system. 1,914,058; June 13.
- Weber, Carl M., assignor to Weber Machine Corporation, Rochester, N. Y. Machine for filling containers. 1,893,831; Jan. 10.
- Weber, Charles, assignor to Armstrong Cork Company, Lancaster, Pa. Manufacture of molded inlaid linoleum. 1,937,927; Dec. 5.
- Weber, Charles G., Chicago, Ill. Concrete form. 1,936,531; Nov. 21.
- Weber, Clifford P., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Divided middle ring coupling. 1,921,400; Aug. 8.
- Weber Costello Co. (See Johnson, J. F., and Lawton, assignors.)
- Weber Costello Co. (See Lawton, Robert B., assignor.)
- Weber, Daniel, Grafton, N. Dak. Hair waving device. 1,912,504; June 6.
- Weber, David A., New York, N. Y. Card holder. 1,929,908; Oct. 10.
- Weber Electric Company. (See Fabrey, William H., assignor.)
- Weber Electric Company. (See Walsh, Nicholas J., assignor.)
- Weber Electric Company. (See Weber, August, Jr., assignor.)
- Weber Electric Company. (See Weber, John, assignor.)
- Weber Engine Company. (See Gold, Samuel B., assignor.)
- Weber, Erhard N., New York, N. Y. Safety razor. 1,896,380; Feb. 7.
- Weber, Erwin L., Seattle, Wash., assignor to Elsa M. Obst, St. Paul, Minn. Heating and ventilating device. 1,894,229; Jan. 10.
- Weber, Friedrich W., Hackensack, assignor to Maywood Chemical Works, Maywood, N. J. Weighting textile fibers and product obtained thereby. 1,896,858; Feb. 7.
- Weber, Friedrich W., Hackensack, and E. Schaefer, Englewood, assignors to Maywood Chemical Works, Maywood, N. J. Treating natural and artificial silk and products obtained thereby. 1,896,381; Feb. 7.
- Weber, Friedrich W., Hackensack, and E. Schaefer, Englewood, assignors to Maywood Chemical Works, Maywood, N. J. Weighting regenerated cellulose. 1,898,105; Feb. 21.
- Weber, Friedrich W., Hackensack, and E. Schaefer, Englewood, assignors to Maywood Chemical Works, Maywood, N. J. Method for weighting artificial silk consisting of cellulose esters. 1,906,206; Apr. 25.
- Weber, Gustav, Halberstadt, Germany, assignor to René Weill, Paris, France. Double tool holder. 1,907,632; May 9.
- Weber, H. Leland, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton and making the same. 1,929,267; Oct. 3.
- Weber, Harold C., Milton, Mass., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 1,930,216; Oct. 10.
- Weber, Harold C., Milton, and W. H. McAdams, Brookline, Mass., assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 1,923,289; Aug. 22.
- Weber, Harry M., Boston, Mass., assignor to Ellis-Foster Company, Montclair, N. J. Cellulose ester composition. 1,897,015; Feb. 7.
- Weber, Henry C. P., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Laminated mica. 1,928,713; Oct. 3.
- Weber, Herman. (See Kai, L. H., and Weber.)
- Weber, Hermann, Dusseldorf, and W. Pape, Benrath-on-the-Rhine, assignors to the Firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Apparatus for producing soaps. 1,904,021; Apr. 18.
- Weber, Irving. (See Esselen, G. J., and Weber.)
- Weber, John, Milton, Pa. Cedar chest or similar article. Des. 90,271; July 4.
- Weber, John, assignor to Weber Electric Company, Schenectady, N. Y. Electric lamp socket. 1,918,726; July 18.
- Weber, John J., Wilmette, assignor to J. H. Jochum, Jr., Chicago, Ill. Surface ornamentation and producing same. 1,899,488; Feb. 28.
- Weber, Joseph, and J. F. Tomaine, Danbury, Conn. Machine for carroting furs. 1,911,098; May 23.
- Weber, Karl A., assignor to Weber Showcase & Fixture Company, Los Angeles, Calif. Sweat drain on windows. 1,896,262; Feb. 7.
- Weber, Louis, East Chicago, Ind. Insulating covering. 1,913,180; June 6.
- Weber, Louis J., Schenectady, N. Y., assignor to General Electric Company. Circuit controlling and protective device. 1,900,595; Mar. 7.
- Weber, Ludwig. (See Weber, Anton and L.)
- Weber, Ludwig J., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,924,729; Aug. 29.
- Weber, Ludwig J., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,835; Oct. 31.
- Weber Machine Corporation. (See Weber, Carl M., assignor.)
- Weber, Mathias J., assignor, by mesne assignments, to The Health-O-Meter Company, Chicago, Ill. Platform scale casing. Des. 88,997; Jan. 10.
- Weber, Mathias J., assignor to The Health-O-Meter Company, Chicago, Ill. Scale. 1,900,964; Mar. 14.
- Weber, Mathias J., assignor to Continental Scale Works, Chicago, Ill. Scale. 1,920,332; Aug. 1.
- Weber, Matthew, Jr., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of calcium hypochlorite. 1,937,613; Dec. 5.
- Weber, Max, Chicago, Ill. Impeller wheel. Des. 91,001; Nov. 7.
- Weber, Max, Chicago, Ill. Air circulator. Des. 91,002; Nov. 7.
- Weber, Max, Chicago, Ill. Suction fan wheel. 1,933,947; Nov. 7.
- Weber, Max, Chicago, Ill. Fan wheel. 1,933,948; Nov. 7.
- Weber, Max, Chicago, Ill. Fan wheel for automobiles. 1,933,949; Nov. 7.
- Weber, Paul, Magdeburg, Germany, assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Toy gun. 1,921,017; Aug. 8.
- Weber, Philip, Monmouth Beach, N. J., assignor to Pioneer Instrument Company, Incorporated, Brooklyn, N. Y. Inclinator. 1,924,339; Aug. 29.
- Weber, Robert, Los Angeles, Calif. Floor waxer. 1,934,898; Nov. 14.

- Weber, Robert, assignor to Weber Tool Mfg. Co., Los Angeles, Calif. Valve seat tool. 1,938,307; Dec. 5.
- Weber, Robert, Drentwede, Bezirk Bremen, and F. Kinnebrock, Hamelin, Germany, said Kinnebrock assignor to said Weber. Production of clean paper pulp from old printed paper. 1,919,140; July 18.
- Weber Showcase and Fixture Company. (See Weber, Karl A., assignor.)
- Weber, Stanley Long Island City, assignor to Steinway & Sons, New York, N. Y. Heat treating piano string frames. 1,941,423; Dec. 26.
- Weber Tool Mfg. Co. (See Weber, Robert, assignor.)
- Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Centrifugal switch. 1,935,303; Nov. 14.
- Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Centrifugal switch. 1,935,304; Nov. 14.
- Weber, Walter B., Merwood Park, Pa. Office partition. Des. 89,579; Apr. 4.
- Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Flow control device. 1,931,781; Oct. 24.
- Weber, William C., Larchmont, assignor, by mesne assignments, to The Dorr Company, Inc., New York, N. Y. Sewage-grit removal. 1,939,636; Dec. 12.
- Weber, William W., Seattle, Wash. Truck mounted elevator. 1,917,621; July 11.
- Webner Devices Incorporated. (See Webner, Frank E., assignor.)
- Webner, Frank E., assignor, by direct and mesne assignments, to Webner Devices Incorporated, Washington, D. C. Mechanical calculator. 1,911,863; May 30.
- Webster, Albert S., Ottawa, Ontario, Canada, assignor to American Bank Note Company, New York, N. Y. Machine for producing gummed web. 1,899,655; Feb. 28.
- Webster, Benjamin, et al. (See Uthoff, Richard D., assignor.)
- Webster, Benjamin C., Southport, assignor to The Bryant Electric Company, Bridgeport, Conn. Attachment plug with pilot light. 1,906,194; Apr. 25.
- Webster, Byron P., Plainfield, assignor to Chipman Chemical Company, Inc., Bound Brook, N. J. Low-density Paris green and making the same. 1,928,771; Oct. 3.
- Webster, Charles C., Haverhill, and W. J. Lamb, Lowell, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,935,867; Nov. 21.
- Webster, Duane E., and B. Sanford, assignors to Norton Company, Worcester, Mass. Making articles of resin bonded granular material. 1,893,117; Jan. 3.
- Webster, Edgar G., Peckham, London, assignor to Hygienic Wire Works Limited, London, England. Birdcage stand. 1,907,194; May 2.
- Webster Electric Company. (See Dally, Roy, assignor.)
- Webster Electric Company. (See Hutter, William H., assignor.)
- Webster, Fullerton D. (See Thompson, R. C., and Webster.)
- Webster, Henry L., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Package mailing card. 1,903,540; Apr. 11.
- Webster, Herbert R., Auburn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel. 1,925,218; Sept. 5.
- Webster, Hugh B., Oakland, assignor to Standard Oil Company of California, San Francisco, Calif. Instrument for recording inclination. 1,905,546; Apr. 25.
- Webster, James M., New York, N. Y. Hangar for aeroplanes and the like. 1,902,205; Mar. 21.
- Webster, Jesse. (See Smith, Frederick S., assignor.)
- Webster, Lawrence B., assignor to Lloyd M. Rathbun, Omaha, Nebr. Fire-escape door-latching device. 1,935,001; Nov. 14.
- Webster, Mary E., Duncan, Okla. Fly screen. 1,904,035; Apr. 18.
- Webster, Ralph W., Waltham Cross, England. Machine for cleaning bottles. 1,940,615; Dec. 19.
- Webster, Robert A. (See Moore, H. H., Webster, and Little.)
- Webster, Robert A., Santa Monica, Calif. Hardness testing device. 1,903,524; Apr. 11.
- Webster, Robert C. F., Maitland, Ontario, Canada. Suspension device. 1,908,200; May 9.
- Webster, Samuel T. (See Arter, William H., and Webster.)
- Webster, Samuel T., assignor to Arter Grinding Machine Company, Worcester, Mass. Hydraulic control mechanism for a machine tool. 1,909,155; May 16.
- Webster, Warren, & Company. (See Fitts, James L., assignor.)
- Webster, William R., Bridgeport, Conn. Bread slicing appliance. 1,918,675; July 18.
- Webster, William R., Bridgeport, Conn. Tube mill. 1,930,702; Oct. 17.
- Wechsberg, Anna M. C., et al, trustees. (See Coppus, Frans H. C., assignor.)
- Wechsler Silk Corporation. (See Manahan, Muril, assignor.)
- Wechsler Silk Corporation. (See Von Eisenbarth, August, assignor.)
- Wechter, Eugene J., Speed, Ind., assignor to Louisville Cement Company, Louisville, Ky. Apparatus for burning lime and cement. 1,912,810; June 6.
- Wechter, Eugene J., Speed, Ind., assignor to Louisville Cement Company, Louisville, Ky. Burning lime and cement. 1,912,811; June 6.
- Weck, Alexander E., Dolau, Germany. Mechanical grate-charging device. 1,923,246; Aug. 22.
- Weck, Henry T., Elgin, Ill. Fountain brush. 1,907,376; May 2.
- Wecker, Ernst, Heilbronn-on-the-Neckar, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Esterification of fatty acids. 1,928,582; Sept. 26.
- Weckerly, Mark A., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Dashpot for weighing scales. 1,911,660; May 30.
- Weckstein, Samson A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Tube mill. 1,906,679; May 2.
- Wedberg, Axel G. W., Chicago, Ill. Door frame construction. 1,895,358; Jan. 24.
- Wedemeyer, Rupert G. (See McLaughlin, W. I., and Wedemeyer.)
- Wedge Lock Tool Company. (See Swanson, Andrew W., assignor.)
- Wedin, Ivar, assignor to A C Spark Plug Company, Flint, Mich. Pressure gauge. 1,937,928; Dec. 5.
- Wedmore, Edmund B. (See Whitney, W. B., and Wedmore.)
- Weeber, Otto, Berlin-Charlottenburg, and O. Soldan, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt near Berlin, Germany. Hand telephone. 1,941,237; Dec. 26.
- Weed, Edward L., assignor to J. J. White Manfg. Company, Providence, R. I. Manufacture of bracelets. 1,933,576; Nov. 7.
- Weed, Fred E., Columbia, assignor of one-eighth to F. J. Bruening, St. Louis, Mo. Automatic ink agitator for printing machines. 1,896,034; Jan. 31.
- Weed, Harry D., Southport, Conn. Tire chain cross member. 1,914,965; June 20.
- Weed, Harry D., Southport, Conn. Tread member for tire chains. 1,917,744; July 11.
- Week, Edmund R., jr. (See Fanger, Herman J., assignor.)
- Week, Sanford P., assignor of one-half to J. H. Norton, Port Dodge, Iowa. Corn combine. 1,931,782; Oct. 24.
- Weeks, Edmund G., Dunston, Durham, and W. A. Riley, Low Fell, Durham, assignors to Babcock & Wilcox Limited, London, England. Coal distillation and coke production plant. 1,941,130; Dec. 26.
- Weeks, Ernest A., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Snowplow. 1,927,078; Sept. 19.
- Weeks, Ernest A., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Combined scarifier and scraper for trucks. 1,929,799; Oct. 10.
- Weeks, Frank A., Mfg. Co. Inc. (See Ringler, William A., assignor.)
- Weeks, Oscar J., Chatham, N. J. Paper container or bottle. 1,931,047; Oct. 17.
- Weeks, Walter E., Baltimore, Md. Display rack. Des. 90,902; Oct. 17.
- Weeks, William C., Toronto, Ontario, Canada. Pad for musical wind instruments. 1,918,506; July 18.
- Weems, Philip V., U. S. Navy. Line of position and wind drift plotter. 1,917,278; July 11.
- Weesner, Carl W. (See Marsh, H. S., and Weesner.)
- Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Table. Des. 90,637; Sept. 5.
- Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Table. 1,935,682; Nov. 21.
- Wege, Philip, assignor to Rolfs, Inc., West Bend, Wis. Bill fold. 1,924,702; Aug. 29.
- Wegel, Raymond L., assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustic device. 1,926,888; Sept. 12.
- Wegener, Francis A., assignor to Welsbach Company, Gloucester City, N. J. Compressor. 1,912,926; June 6.
- Weger Max, Erkner-Berlin, assignor to Bakelite Gesellschaft mit beschränkter Haftung, Berlin, Germany. Preparing molding substances and molded articles from synthetic resins and fillers. 1,918,996; July 18.
- Weggenman, Andrew. (See Brunle, J., and Weggenman.)
- Wegmann, Hermann, Baden, assignor to Maschinenfabrik Schweizer A. G., Horgen, Switzerland. Twisting process. 1,911,864; May 30.
- Wegner, Clarence J., assignor to Perfection Steel Body Co., Galion, Ohio. Burial vault closure. 1,926,341; Oct. 3.
- Wegner, Emma. (See Wegner, Walter E., assignor.)
- Wegner, Walter E. (See Crawford, S. L., and Wegner.)
- Wegner, Walter E., assignor of one-half to E. Wegner, Denver, Colo. Doorstop. 1,918,072; July 11.
- Wegner, Walter E., assignor of one-half to E. A. Davis, Denver, Colo. Indicating device for switches. 1,931,310; Oct. 17.
- Wego, Peter C., St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Sealed bearing. 1,905,666; Apr. 25.
- Weguelin, Walter H., Chorley Wood, assignor to Waxed-Papers Limited, London, England. Sealing disk for milk bottles and like containers. 1,931,595; Oct. 24.
- Wehinger, Frederick, assignor to Waterbury Clock Company, Waterbury, Conn. Alarm clock. 1,907,133; May 2.
- Wehn, Charles E., assignor to Listo Pencil Corporation, Alameda, Calif. Pencil. 1,912,674; June 6.
- Wehner, Lawrence. (See Koch, H. F., and Wehner.)

- Wehr, Arthur J., San Francisco, Calif., J. W. Sheeres, Jackson Heights, N. Y., and A. V. Eliot, Fort Sam Houston, Tex. Vehicle traffic indicator. 1,892,860; Jan. 3.
- Wehr Motor Company, The. (See Haller, Harvey H., assignor.)
- Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Truck body. 1,927,653; Sept. 19.
- Wehrenberg, George E., assignor to Regalite, Inc., Chicago, Ill. Beverage dispenser. Des. 90,039; May 30.
- Wehrhahn, August L., and W. M. Wehrhahn, Rockhaven, Saskatchewan, Canada. Stacking machine. 1,912,232; May 30.
- Wehrhahn, William M. (See Wehrhahn, August L. and W. M.)
- Wehrle Company, The. (See Pickup, George E., assignor.)
- Wehrle, Leonard J. (See Schmidt, A. C., and Wehrle.)
- Wehrle, Leonard J., assignor to Elgin Butter Tub Company, Elgin, Ill. Package construction. 1,913,692; June 13.
- Wehrli, Walter. (See Leemann, H., and Wehrli.)
- Weibezahn, Carl, and F. Walter, Knapsack near Cologne-on-the-Rhine, assignors to Aktiengesellschaft für Stickstoffdünger, Cologne-on-the-Rhine, Germany. Preparing acetylene. 1,916,592; July 4.
- Weibezahn, Walter, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing vinyl esters. 1,912,608; June 6.
- Weichel, William J., et al. (See Howell, Harry L., assignor.)
- Weichert, Carl L., assignor to Wirt Company, Philadelphia, Pa. Adjustable resistance device. 1,917,675; July 11.
- Weichert, Carl L., assignor to Wirt Company, Philadelphia, Pa. Lamp socket rheostat. 1,927,301; Sept. 19.
- Weichert, Max. (See Denstädt, Hermann and F., and Weichert.)
- Weichhart, Henry A., Alameda, Calif. Pump. 1,922,721; Aug. 15.
- Weichlein, Werner, Prenzlaw, Germany. Manufacture of vaccines. 1,924,968; Aug. 29.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Alternating current motor. 1,894,804; Jan. 17.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Single phase motor. 1,894,805; Jan. 17.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Dynamo electric machine. 1,896,264; Feb. 7.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Dynamo electric machine construction. 1,896,265; Feb. 7.
- Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Single phase motor. 1,905,773; Apr. 25.
- Weide, Rudolph, assignor to Ditto, Incorporated, Chicago, Ill. Automatic margin bar. 1,940,381; Dec. 19.
- Weidel, Vaughn, Forest Hills, N. Y. Package for china. 1,908,940; May 16.
- Weidemann, Charles C., Berkeley, Calif. Support. 1,941,373; Dec. 26.
- Weidemann, George H., and H. E. Kelley, assignor to The Dow Chemical Company, Midland, Mich. Foundry ladle. 1,915,635; June 27.
- Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)
- Weidenhoff, Joseph, Incorporated. (See Juhasz, James G., assignor.)
- Weidhaas, Fred A., assignor to United Elastic Corporation, Easthampton, Mass. Webbing. 1,910,073; May 23.
- Weidhaas, Gustav A., Bronxville, P. Clark, Great Neck, and H. V. Harding, New York, N. Y.; said Clark and said Harding assignors to said Weidhaas. Curtain and controlling means therefor. 1,900,677; Mar. 7.
- Weidlein, Luther B., Cleveland Heights, Ohio. Blast furnace and operating same. 1,906,680; May 2.
- Weidlich, Arthur, Bloomfield, N. J. Rattleproof window wedge. 1,931,421; Oct. 17.
- Weidlich Bros. Manufacturing Corporation, The. (See Weidlich, L., and Russell, assignors.)
- Weidlich, Louis, Stratford, and G. E. Russell, Bridgeport, assignors to The Weidlich Bros. Manufacturing Corporation, Bridgeport, Conn. Salt shaker. 1,894,076; Jan. 10.
- Weidling, Frederick J. (See Maxwell, R. H., and Weidling.)
- Weidman, John H., Marcellus, N. Y. Mechanical dish-washer. 1,901,683; Jan. 14.
- Weidmann, Hans. (See von Girssewald, C., Baron, and Weidmann.)
- Weidmann, Hans. (See Von Girssewald, C. B., Weidmann, and Roesser.)
- Weidner, Earl W., Reading, Pa. Internal combustion engine. 1,893,045; Jan. 3.
- Weidner, George E., Dayton, Ohio. Low pressure gas valve or the like. 1,915,342; June 27.
- Weidner, Nathan, New York, N. Y. Atomizer. 1,926,570; Sept. 12.
- Weidrich, Orrin, Kenmore, N. Y. Surface conditioning machine. 1,904,893; Apr. 18.
- Weien, Paul, Lancaster, assignor of one-half to H. S. Rich, jr., Marietta, Pa. Switch mechanism. 1,910,869; May 23.
- Weigand, Christoph, Soden, Germany, assignor to P. J. Howard, Los Angeles, Calif. Rose. Pl. Pt. 79; Nov. 7.
- Weigand, Henry J., Canton, and P. V. Schertz, Massillon, Ohio. Fur stretching frame. 1,932,167; Oct. 24.
- Weigel, Hans, Ecking, Germany. Rolling process. 1,894,288; Jan. 17.
- Weigel, Herbert L., Los Angeles, Calif. Ice-shaving machine. 1,935,104; Nov. 14.
- Weigel, Rothe, Wilmette, Ill., and P. W. Bachman, Nashville, Tenn., assignors to Victor Chemical Works, Chicago, Ill. Cellular slag. 1,920,728; Aug. 1.
- Weigel, Theodor, Cologne-Mulheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Accelerating vulcanization. 1,912,812; June 6.
- Weigel, Theodor, Cologne-Mulheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Vulcanizing rubber compounds. 1,929,044; Oct. 3.
- Weigel, Theodor. (See Bogemann, M. Kreuter, and Weigel.)
- Weigele, William A. (See Higinbotham, Arthur O., assignor.)
- Weiger, Joseph A., assignor to P. R. Mallory & Co., Incorporated, Indianapolis, Ind. Welding electrode. 1,908,089; May 9.
- Weightman, William A. (See Eksergian, C. L., and Weightman.)
- Weigl, William C. (See Kemmler, J. W., and Weigl.)
- Weigt, George A., Fresno, Calif. Brake tester. 1,925,219; Sept. 5.
- Weihe, Adolf, Eilenburg, O. Jordan, and L. Kollek, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of artificial masses and coatings therefrom. 1,909,991; May 23.
- Weihmann, Karl, Detroit, Mich. Automatic transmission. 1,937,002; Nov. 28.
- Weil, Emil, New Orleans, La. Roof flashing. 1,924,008; Aug. 22.
- Weil, Emil, New Orleans, La. Roof flashing. 1,924,009; Aug. 22.
- Weil, Jacob A., Manchester, assignor to Imperial Chemical Industries Limited, London, England. Production of catalytic material. 1,893,812; Jan. 10.
- Weil, Joseph A., New Haven, Conn. Brassière. 1,936,532; Nov. 21.
- Weil, Joseph M., Phillipsburg, N. J., and L. Wilson, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Fuel burner. 1,921,059; Aug. 8.
- Weil, Kurt. (See Peters, K., and Weil.)
- Weil, Kurt, Bonn-on-the-Rhine, and K. Peters, Mulheim-Ruhr, Germany. Preparing radioactive substances. 1,927,726; Sept. 19.
- Weil-McLain Company. (See Naylor, Harry G., assignor.)
- Weil Pump Company. (See Vitu, James E., assignor.)
- Weil, Valentin, and H. Gutmann, Frankfort-on-the-Main, Germany. Wire-drawing machine. 1,907,311; May 2.
- Weil, William H., Hollis, assignor to Stransky Products Corporation, New York, N. Y. Display card and assembly. 1,907,227; May 2.
- Weiland, George C., assignor to Schaffer Poidometer Company, Pittsburgh, Pa. Tempering. 1,919,872; July 25.
- Weiland, Henry J. (See Gubelmann, I., Weiland, and Henke.)
- Weiland, Henry J. (See Gubelmann, I., Weiland, and Stallmann.)
- Weiland, Henry J., South Milwaukee, Wis., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Purification of arylamines. 1,918,997; July 18.
- Weile, Paul. See Gottschalk, Eduard, assignor.)
- Weiler, Max, Wiesdorf-on-the-Rhine, K. Berres, Cologne-Mulheim, B. Wenk and H. Stötter, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation product from halogenated phenols and aldehydes. 1,906,890; May 2.
- Weiler, Max, Wiesdorf-on-the-Rhine, K. Berres, Cologne-Mulheim, B. Wenk and H. Stötter, Leverkusen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. New hydroxy-alkyl-triphenylmethane derivatives. 1,910,488; May 23.
- Weiler, Otto L., Brooklyn, N. Y. Seat for cleaning windows. 1,921,401; Aug. 8.
- Weller, Wilhelm, Berlin-Niederschonhausen, Germany, assignor to General Electric Company. Method of and apparatus for injecting regulating voltages. 1,906,681; May 2.
- Weill, Albert, Nuremberg, Germany. Joke buzzer. 1,931,683; Oct. 24.
- Weill, René. (See Weber, Gustav, assignor.)
- Weimar, Andrew, assignor to Weimar Brothers, Philadelphia, Pa. Tape loom. 1,898,230; Feb. 21.
- Weimar Brothers. (See Weimar, Andrew, assignor.)
- Weimer, Andrew, New York, N. Y. Swimming shoe. 1,906,682; May 2.
- Weinand, Klaus. (See Honold, E., and Weinand.)
- Weinand, Klaus. (See Zahn, K., Hoch, and Weinand.)

- Weinand, Klaus, and C. Taube, Leverkusen-I. G. Werk, and H. Hertlein, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff of the anthraquinone series. 1,941,063; Dec. 26.
- Weinberg, Alexander, New York, N. Y. Game, such as quolls. 1,938,491; Nov. 21.
- Weinberg, Fred, Berkeley, Calif., assignor to Bendix Aviation Corporation, Chicago, Ill. Making propellers. 1,916,027; June 27.
- Weinberg, Frederick, Detroit, Mich. Enclosed arc device. 1,939,377; Dec. 12.
- Weinberg, Frederick, Detroit, Mich. Internal combustion engine. 1,939,614; Dec. 12.
- Weinberg, Isidor, Brooklyn, N. Y. Curtain rod. 1,904,588; Apr. 18.
- Weinberger, Julius, New York, N. Y., assignor to Radio Corporation of America. Sound recording. 1,897,222; Feb. 14.
- Weinberger, Julius, New York, N. Y., assignor to Radio Corporation of America. Motion picture theater and apparatus. 1,903,950; Apr. 18.
- Weinberger, Julius, New York, N. Y., assignor to Radio Corporation of America. Facsimile producing system. 1,927,428; Sept. 19.
- Weinberger, Julius, Haddonfield, and I. Wolff, Merchantsville, N. J., assignors to Radio Corporation of America. Loud speaker. Re18,751; Feb. 28.
- Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Greeting card. 1,926,571; Sept. 12.
- Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Label. 1,930,217; Oct. 10.
- Weinert, Richard H., Detroit, Mich. Reverse gear. 1,907,228; May 2.
- Weinert, George S., Reading, Pa. Controlling mechanism for full fashion textile machines. 1,901,422; Mar. 14.
- Weingartner, Anthony E., Bethlehem, assignor to American Engineering Company, Philadelphia, Pa. Tubular fluid-cooled walls. 1,904,182; Apr. 18.
- Weingartner, Anthony E., assignor to American Engineering Company, Philadelphia, Pa. Balancing mechanism for automatic fluid control systems. 1,922,512; Aug. 15.
- Weingartner, Anthony E., Bethlehem, and C. V. Koons, assignors to American Engineering Company, Philadelphia, Pa. Remote control apparatus. 1,919,758; July 25.
- Weingartner, George A., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 1,910,908; May 23.
- Weingartner, Victor, St. Albans, assignor to Roberts Cushman & Company, Inc., New York, N. Y. Marking, printing, and embossing machine. 1,912,927; June 6.
- Weinhagen, Charles, & Company. (See Rood, L. C., Lane, and Frost, assignors.)
- Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge lamp. 1,918,309; July 18.
- Weinhart, Howard W., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge device. 1,926,889; Sept. 12.
- Weinig, Arthur J., Golden, Colo., assignor to Cuban-American Manganese Corporation, New York, N. Y. Concentrating manganese ores. 1,911,865; May 30.
- Weinig, Arthur J., and R. E. Cuthbertson, Golden, Colo., assignors to The American Metal Company, Limited, New York, N. Y. Ore separation. 1,906,029; Apr. 25.
- Weinland, Hermon G., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 1,926,470; Sept. 12.
- Weinland, Hermon G., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 1,926,471; Sept. 12.
- Weinland, Hermon G., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 1,926,472; Sept. 12.
- Weinland, Hermon G., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 1,928,145; Sept. 26.
- Weinland, Hermon G., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Grinding machine. 1,932,260; Oct. 24.
- Weinland, Joseph W., Philadelphia, Pa. Anchor device for air brake retainer valves. 1,897,091; Feb. 14.
- Weinlich, Hermann A., Berlin, Germany, assignor to The Tabulating Machine Company, Endicott, N. Y. Debit and credit tabulator. 1,917,002; July 4.
- Weinlich, Hermann A., Berlin, Germany, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Line spacing device for tabulating machines. 1,940,234; Dec. 19.
- Weinlich, Hermann A., and U. Kölm, Berlin, Germany, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sorting machine. 1,933,357; Oct. 31.
- Weinmayr, Viktor M. (See Adams, R., Johnson, and Weinmayr.)
- Weinreich, George F., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Train-control trackway equipment. 1,905,667; Apr. 25.
- Weinstat, Philip, Lawrence, Mass. Shoe machinery. 1,912,555; June 6.
- Weinstein, Abraham S., Brighton, Mass. Ventilator. 1,910,942; May 23.
- Weinstein, Abraham S., Brighton, Mass. Sheet metal clip. 1,930,734; Oct. 17.
- Weinstein, Louis J., et al. (See Coleman, R. L., and Weinstein.)
- Weinstein, William, Bronx, and I. H. Harris, New York, N. Y., assignors to Lane Bryant, Inc. Undergarment. Des. 89,854; May 9.
- Weiny, Elmer. (See Lunsford, W., and Weiny.)
- Weinzierl, Joseph T. (See Matter, J. K., and Weinzierl.)
- Weinzierl, Joseph T. (See Straub, J. F., and Weinzierl.)
- Weir, Charles A., Kansas City, Mo. Swinging scaffold. 1,923,465; Aug. 22.
- Weir, Fred W., Pittsburgh, Pa. Apparatus for welding tubes. 1,900,376; Mar. 7.
- Weir, G. & J., Limited. (See Hillier, Harold, assignor.)
- Weir, G. & J., Limited. (See Russell, Alexander C., assignor.)
- Weir, G. & J., Limited. (See Sim, James, assignor.)
- Weir, James B., Oakwood Heights, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Combined rear view mirror and instrument. 1,895,560; Jan. 31.
- Weir, James B., New Dorp, assignor, by mesne assignments, to Standard Mirror Company, Inc., Buffalo, N. Y. Clock and mirror holder. 1,903,153; Mar. 28.
- Weir, James G., Aldwych, London, England, assignor, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotative wings. 1,897,092; Feb. 14.
- Weir, William F., assignor to R. and L. Thompson, Holden, W. Va. Engine. 1,900,086; Mar. 7.
- Weirich, Clarence L., Westport, Conn. Carrotting fur and compositions for carrotting. 1,919,141; July 18.
- Weirich, Heinrich, Philadelphia, Pa. Collapsible tube. 1,908,534; May 9.
- Weirich, Wallace V., assignor to O. D. Jennings & Company, Chicago, Ill. Vending machine. 1,923,130; Aug. 22.
- Weirton Steel Company. (See Williams, J. C., Williamson, Echols, Hunt, and Vreeland, assignors.)
- Weis, Albert H., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Looper driving mechanism. 1,906,294; May 2.
- Weis, Albert H., assignor to The Metropolitan Sewing Machine Corporation, Nyack, N. Y. Automatic thread clamp for needle threads. 1,917,411; July 11.
- Weis, Andrew L., Fort Lauderdale, Fla. Child's comfort toilet seat. 1,894,387; Jan. 17.
- Weis, Arthur R. (See Bigelow, G. E., and Weis.)
- Weis, Arthur R., Huntington Park, assignor of one-half to Pacific Pump Works, Los Angeles, Calif., and one-half to G. E. Bigelow, Huntington Park, Calif. Sealing device. 1,898,278; Feb. 21.
- Weis, Arthur R., assignor of one-half to Pacific Pump Works and one-half to G. E. Bigelow, Huntington Park, Calif. Main bearing construction for turbine pumps. 1,902,150; Mar. 21.
- Weis, Arthur R., assignor of one-half to Pacific Pump Works and one-fourth to G. E. Bigelow, Huntington Park, Calif. Deep-well turbine leakproof and sand-proof under main bearing. 1,902,431; Mar. 21.
- Weis, Arthur R., assignor of one-half to Pacific Pump Works and one-fourth to G. E. Bigelow, Huntington Park, Calif. Centrifugal impeller locking thrust eliminating means. 1,918,359; July 18.
- Weis, Charles L., Jr., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission system. 1,910,977; May 23.
- Weis, Henry, Manufacturing Company. (See Jones, Arthur E., assignor.)
- Weis, Henry, Manufacturing Company. (See Jones, A. E., and Lewis, assignors.)
- Weis, Henry, Manufacturing Company. (See Kerr, P. W., and Jones, assignors.)
- Weis, Ross A., Canton, assignor to The Stark Brick Company, East Canton, Ohio. Brick holder. 1,899,125; Feb. 28.
- Weis, Samuel W., et al. (See Gentile, Marino, assignor.)
- Weisbender, Eugene R., Manhattan, Kans. Material trimming device. 1,914,966; June 20.
- Weisberg & Greenwald, Inc. (See Weisberg, L., and Greenwald, assignors.)
- Weisberg, Louis, and W. F. Greenwald, assignors to Weisberg & Greenwald, Inc., New York, N. Y. Coloring hair. 1,918,158; July 11.
- Weisberg, Louis, and W. F. Greenwald, assignors to Weisberg & Greenwald, Inc., New York, N. Y. Electrodeposition. 1,918,159; July 11.
- Weisberg, Louis, and W. F. Greenwald, assignors to Weisberg & Greenwald, Inc., New York, N. Y. Producing synthetic resins and products thereof. 1,918,222; July 11.
- Weisberg, Louis, and W. F. Greenwald, assignors to Weisberg & Greenwald, Inc., New York, N. Y. Recovering silver. 1,937,179; Nov. 28.
- Weisberg, Sidney M., Brooklyn, N. Y. Attachment plug. 1,941,374; Dec. 26.
- Weisbrod, Carl C., assignor to One Minute Washer Company, Newton, Iowa. Washing machine wringer frame. Des. 91,152; Dec. 5.
- Weisbrod, Walter, Lutherville, Md. Barrel sanding machine. 1,912,956; June 6.
- Weischoff, Marcus W., assignor to International Resistance Company, Philadelphia, Pa. Resistance. 1,932,650; Oct. 31.

- Weise, Charles P., Shaker Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Production of leaded ammonium chloride crystals. 1,936,811; Nov. 28.
- Weise, Paul G. A., Lester Prairie, Minn. Stanchion anchor structure. 1,893,722; Jan. 10.
- Weisenborn, Theodore A., assignor to J. W. and G. S. Drummond, Wichita, Kans. Rotary ventilator. 1,910,373; May 23.
- Weisert, Paul. (See Bauer, W., and Weisert.)
- Weiset, Max. (See Cremer, C., and Weiset.)
- Weisinger, Joseph, Newark, N. J. Airplane maneuvering apparatus. 1,928,519; Sept. 26.
- Weisker, Ellis, New York, N. Y. Combined focusing screen and retaining member for sensitized material. 1,901,423; Mar. 14.
- Weisker, Ellis, New York, N. Y. Photographic apparatus. 1,927,693; Sept. 19.
- Weisker, Ellis, Bronx, N. Y. Apparatus for illuminating objects to be reproduced. 1,905,538; Apr. 25.
- Weiskopf, Charles H., Hawthorne, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for controlling gas flow. 1,941,287; Dec. 26.
- Weiskopf, John K., Arcadia, Calif. Golf club. 1,907,134; May 2.
- Weiskopf, Walter H., Cedarhurst, and J. W. Pickworth, Bronxville, N. Y. Plate girder. 1,906,683; May 2.
- Weisman, Joseph A., et al. (See Selverstone, Agnes S., assignor.)
- Weisner, Robert L., Durham, N. C., assignor of one-half to The American Tobacco Company, New York, N. Y., and one-half to Comas Cigarette Machine Company, Roanoke, Va. Tobacco stemming machine. 1,930,407; Oct. 10.
- Weiss, Adolph, Brooklyn, N. Y. Rotary intaglio printing machine. Re18,856; June 6.
- Weiss, Adolph, assignor to Heinrich Herrmann & Weiss, New York, N. Y. Collapsible toilet kit. 1,915,007; June 20.
- Weiss, Albert T. (See Beckley, William R., assignor.)
- Weiss, Alexander. (See Finkel, M., Weiss, and Zove.)
- Weiss, Alfred, Chicago, Ill. Window shade cutter. 1,925,125; Sept. 5.
- Weiss, Arno. (See Schiebeler, C., and Weiss.)
- Weiss, Arthur J. (See Franzen, E. T., and Weiss.)
- Weiss, Arthur J., St. Albans, N. Y., assignor, by mesne assignments, to Robert Gair Company, Inc., Wilmington, Del. Carton. 1,898,231; Feb. 21.
- Weiss, Arthur J., West Orange, N. J., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Conveyer advance mechanism. 1,934,835; Nov. 14.
- Weiss, Carl W., Brooklyn, N. Y. Transmission. 1,921,014; Aug. 8.
- Weiss and Downs, Inc. (See Downs, Charles R., assignor.)
- Weiss, Frank, Revere, Mass. Illuminated razor. 1,900,965; Mar. 14.
- Weiss, Frank L., New York, N. Y. Electric connector. 1,917,745; July 11.
- Weiss, Harry H., Chicago, Ill. Material conveyer. 1,892,920; Jan. 3.
- Weiss, Ike, Brooklyn, N. Y. Rumble seat top. 1,922,267; Aug. 15.
- Weiss, Isidor, assignor to R. Zwerdling, Brooklyn, N. Y. Window cleaner protector. 1,925,888; Sept. 5.
- Weiss, John K., Philadelphia, Pa. Holder for paraffin fluid containers. 1,900,783; Mar. 7.
- Weiss, John M., New York, N. Y. Production of resins of the coumarone-indene type. 1,894,934; Jan. 17.
- Weiss, Samuel, Brooklyn, N. Y. Machine for making marking tags. 1,913,694; June 13.
- Weiss, Samuel, Brooklyn, N. Y. Tag and attaching means therefor. 1,923,602; Aug. 22.
- Weiss, Samuel, Brooklyn, N. Y. Marking tag and attachment means thereon. 1,930,634; Oct. 17.
- Weiss, Sidney, St. Louis, Mo. Game board. 1,925,018; Aug. 29.
- Weissenborn, Albert. (See Knorr, A., Weissenborn, and Laage.)
- Weissenburger, Adolf, Evillard, assignor to the Firm, Hermann Thorens, S. A., Ste-Croix, Switzerland. Pyrophoric lighter. 1,904,299; Apr. 18.
- Weissenstein, Friedrich, administrator. (See Sternberg, Karl.)
- Weissinger, Harry, et al. (See Mott, Frederick R., assignor.)
- Weisswasser, Peter, Detroit, Mich. Mop cabinet. 1,919,081; July 18.
- Weith, Archie J. (See Redman, L. V., Weith, and Brock.)
- Weitsen, Albert, Brooklyn, N. Y. Metatarsal pad. 1,907,136; May 2.
- Weltz, Irene A., Brooklyn, assignor to William Willheim Co., Inc., New York, N. Y. Textile fabric or similar article. Des. 89,324; Feb. 21.
- Weltz, Irene A., Brooklyn, assignor to Hampton Fabrics Company Inc., New York, N. Y. Textile fabric or similar article. Des. 89,940; May 16.
- Weitzman, Morris A., Chicago, Ill. Hat cleaning machine. 1,903,489; Apr. 11.
- Wej-Loek Manufacturing Company. (See Cole, Elmer K., assignor.)
- Wejnarth, Axel R., Eskilstuna, Sweden. Electrothermal treatment of materials containing volatile metals or metal oxides. 1,927,763; Sept. 19.
- Wekenborg, Bernard J., Argyle, Mo. Combined starter and choke control. 1,919,313; July 25.
- Wekerle, Ernest A., assignor to David Blankhorn, Los Angeles, Calif. Seal-sealing closure valve for collapsible tubes. 1,910,452; May 23.
- Welch, Arthur K., Hoquiam, Wash. Door and method of manufacture. 1,909,510; May 16.
- Welch, Arthur R., Hoquiam, Wash. Dowel pinning machine. 1,909,791; May 16.
- Welch, Ben C. (See Piper, William B., assignor.)
- Welch, Clifton, Pensacola, Fla. Combined cigarette case and ash tray. 1,902,388; Mar. 21.
- Welch, George D., Hoquiam, Wash. Portable sander tool. 1,916,543; July 4.
- Welch, James W., Oakland, Calif., assignor of one-half to R. P. Suess, Pittsburgh, Pa. Lubricating apparatus. 1,930,297; Oct. 10.
- Welch, John W. (See Parsely, W. W., and Welch.)
- Welch, Morton G., and W. C. Eddred, McCook, Nebr. Bipolar tonsil forceps. 1,908,201; May 9.
- Welch, Sidney A., A. F. Guyler, J. T. Ashby, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 1,898,106; Feb. 21.
- Welch, Sidney A., A. F. Guyler, J. T. Ashby, and W. H. Boaler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 1,902,151; Mar. 21.
- Welch, Solomon J., Pensacola, Fla. Pipe. 1,927,105; Sept. 19.
- Welch, W. M., Manufacturing Co. (See Knipp, Charles T., assignor.)
- Welch, W. M., Mfg. Co. (See Kopp, Reinhold A., assignor.)
- Welch, William T., New Orleans, La. Circuit controlling device. 1,916,593; July 4.
- Weld, Foster E. (See Beach, C. E., and Weld.)
- Weld, Herbert. (See Baker, L. A., and Weld.)
- Welde, Anna, administratrix. (See Kraenzlein, G., Welde, and Ochwat.)
- Welde, Robert. (See Kraenzlein, G., Welde, and Ochwat.)
- Welded Fabrics Corporation. (See Southwell, R. J., and Wickwire, jr., assignors.)
- Welded Fabrics Corporation. (See Wickwire, Theodore H., jr., assignor.)
- Welder, Adam, Remscheid-Lennep, assignor to the Firm Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmer, Germany. Film pack. 1,926,469; Sept. 12.
- Welding Service, Inc. (See Frickey, R. E. and McClary, assignors.)
- Weldmech Steel Products Co., The. (See Tatum, Will S., assignor.)
- Weldon, Chichester P., assignor to The New Departure Manufacturing Company, Bristol, Conn. Lubricator. 1,923,767; Aug. 22.
- Wellfens, Emile J., Fallowfield, England. Knitting machine and the production of fabrics thereon. 1,932,151; Oct. 24.
- Wellfens, Emile J., Fallowfield, England, assignor to Harcawo Societe Anonyme, Geneva, Switzerland. Knockover bit for knitting machines. 1,939,092; Dec. 12.
- Welke, Ferdinand G. (See Davissou, D. W., and Welke.)
- Welke, Ferdinand G., San Francisco, Calif. Hose nozzle. 1,926,414; Sept. 12.
- Welkowitz, Ned, and A. S. Goldstein, Chicago, Ill. Wire glass. 1,919,873; July 25.
- Wellacott, William L. B. (See Brightman, R., and Wellacott.)
- Wellauer, Max, Oerlikon, near Zurich, assignor to Maschinenfabrik Oerlikon, Oerlikon, Switzerland. Mercury vapor anode. 1,902,002; Mar. 21.
- Wellensiek, Adolph H., Washington, D. C. Auxiliary jack lift and truck mechanism for motor vehicles. 1,896,118; Feb. 7.
- Wellensiek, Louis H., assignor to Hughes Tool Company, Houston, Tex. Core drill reamer. 1,905,078; Apr. 25.
- Wellensiek, Louis H., assignor to Hughes Tool Company, Houston, Tex. Fluid lift device. 1,932,497; Oct. 31.
- Wellensiek, Louis H., and F. C. Smith, jr., assignors to Hughes Tool Company, Houston, Tex. Roller cutter retaining device. 1,905,079; Apr. 25.
- Weller, Anthony A. (See Cole, I. E., May, and Weller.)
- Weller, Ernest E., et al. (See Arthur, James H., assignor.)
- Weller, Ernest E. (See Colby, Allan B., assignor.)
- Weller, Frank F., Jennings, La. Automobile jack. 1,929,572; Oct. 10.
- Weller, John H., assignor to Sargent & Company, New Haven, Conn. Fiber bearing butt hinge. 1,909,990; May 23.
- Weller, Thomas O. (See Arana, Alfonso J., assignor.)
- Welles, Albert B., assignee. (See Johnson, H., and Anne.)
- Welles, Edward, jr., et al. (See Ashmead, Dever C., assignor.)
- Welles, George E. B., San Francisco, Calif. Cloth reel. 1,941,238; Dec. 26.
- Welling, Johannes S., Hadsund, assignor to Holger O. Christensen, Jomfrubakken, Denmark. Hand tool such as wrenches and the like. 1,936,812; Nov. 28.
- Welling, William M., Brooklyn, N. Y. Receptacle. 1,915,395; June 27.
- Wellings, John G., C. G. Mayo, and P. Mathews, Rugby, England, assignors to General Electric Company. Protective arrangement. 1,898,752; Feb. 21.

- Wellington, Frank B. (See Melvin, F. A., and Wellington.)
- Wellington, Leonard A., Keene, N. H. Tool holder. 1,935,493; Nov. 14.
- Wellman, Bertram. (See Prince, D. C., and Wellman.)
- Wellman, Bertram, and D. C. Prince, Schenectady, N. Y., assignors to General Electric Company. High vacuum fuse. 1,934,458; Nov. 7.
- Wellman, Charles E., assignor to Ford Motor Company, Dearborn, Mich. Brake rod supporting means. 1,898,699; Feb. 21.
- Wellman, Charles P. (See Jordan, Warren D., assignor.)
- Wellman, Charles P., West Medford, Mass. Receptacle. 1,892,714; Jan. 3.
- Wellman, Charles P., West Medford, Mass. Receptacle. 1,892,715; Jan. 3.
- Wellman, Charles P., West Medford, Mass. Mechanism for weighing and packaging commodities. 1,899,173; Feb. 28.
- Wellman, Charles P., West Medford, Mass. Receptacle. 1,924,529; Aug. 29.
- Wellman, Charles P., West Medford, Mass. Receptacle. 1,929,459; Oct. 10.
- Wellman, Charles P., West Medford, Mass. Making receptacles. 1,929,460; Oct. 10.
- Wellman, Charles P., West Medford, Mass. Display receptacle. 1,932,429; Oct. 31.
- Wellman, Charles P., West Medford, Mass. Making receptacles. 1,939,745; Dec. 19.
- Wellman, Charles P., Medford, Mass. Method of and mechanism for packaging commodities. 1,899,172; Feb. 28.
- Wellman, Charles P., Medford, Mass. Receptacle. 1,939,744; Dec. 19.
- Wellman, Davis M., Aberdeen, S. Dak. Valve guide lubricator. 1,938,506; Dec. 5.
- Wellman Engineering Company, The. (See Douglas, Paul H., assignor.)
- Wellman Engineering Company, The. (See Robin, Philip T., assignor.)
- Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 1,926,862; Sept. 12.
- Wellman, Howard C., and N. B. Green, assignors to Eastman Kodak Company, Rochester, N. Y. Drive release and brake for a spindle. 1,921,554; Aug. 8.
- Wellman, Ralph A., Cleveland, Ohio. Manufacturing bags. 1,893,832; Jan. 10.
- Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Treating oils. 1,904,183; Apr. 18.
- Wells, Alvin R., Cincinnati, Ohio. Shoe shining stand. 1,925,293; Sept. 5.
- Wells, Bruce C., Louisville, Ky. Insulator bracket. 1,914,657; June 20.
- Wells, Burling D., Danbury, assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Water heater control. 1,920,284; Aug. 1.
- Wells, C. G., et al. (See Walker, Jay P., assignor.)
- Wells, Clarence A., Three Rivers, Mich. Band-saw operating mechanism. 1,938,200; Dec. 5.
- Wells, Cyrus B. and L. G. Sylvester, Scranton, Pa. Screw driver attachment. 1,918,944; July 18.
- Wells, Earl J., Alameda, Calif. Time controlled heating device. 1,930,703; Oct. 17.
- Wells, Emma C. (See Exter, Julian E., assignor.)
- Wells, Frank O., Greenfield, Mass. Making thread cutting dies. 1,893,688; Jan. 10.
- Wells, Franklin H., South Bend, Ind., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Valve. 1,939,801; Dec. 19.
- Wells, Harold D., Glens Falls, N. Y. Pulp and dirt separator. 1,897,156; Feb. 14.
- Wells, Harold D., Glens Falls, N. Y. Paper stuff hydrator. 1,897,157; Feb. 14.
- Wells, Henry C., Chillicothe, Ohio. Feed-water preheating means. 1,930,602; Oct. 17.
- Wells, Henry G., Crisfield, Md. Container. 1,910,074; May 23.
- Wells, James G., assignor to G-M Laboratories, Inc., Chicago, Ill. Interference eliminator. 1,941,424; Dec. 26.
- Wells, Joel C., assignor to American Optical Company, Southbridge, Mass. Lens strap. 1,918,998; July 18.
- Wells, Joel C., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,918,999; July 18.
- Wells, John H. (See Graeme, Charles G., assignor.)
- Wells, John W., Stockton, Calif. Method of and apparatus for giving audible time signals. 1,936,700; Nov. 28.
- Wells, Leland E., Cleveland Heights, and E. Fairclough, assignors to Willard Storage Battery Company, Cleveland, Ohio. Making composition containers. 1,941,193; Dec. 26.
- Wells, Merritt R., Cleveland Heights, Ohio, assignor, by mesne assignments, to The McKay Company, Pittsburgh, Pa. Electric welding machine. 1,901,211; Mar. 14.
- Wells, Merritt R., Cleveland Heights, Ohio, assignor, by mesne assignments, to The McKay Company, Pittsburgh, Pa. Electric welding machine. 1,901,212; Mar. 14.
- Wells, Merritt R., Cleveland Heights, Ohio, assignor, by mesne assignments, to The McKay Company, Pittsburgh, Pa. Making tire chains. 1,901,213; Mar. 14.
- Wells, Merritt R., Cleveland Heights, and F. F. Hillix, Lakewood, assignors to The Gibson Art Company, Cincinnati, Ohio. Knotting mechanism. 1,904,704; Apr. 18.
- Wells, Philip V. (See McKenzie, L. F., Wells and Dewis.)
- Wells, Rex E., Detroit, Mich., assignor to Resengin, Inc. Transmission. 1,938,201; Dec. 5.
- Wells & Richardson Company. (See Sperber, Raymond L., assignor.)
- Wells, Roscoe, Greencastle, Ind. Cultivator harrow. 1,935,193; Nov. 14.
- Wells, Russell D., Pottstown, Pa. Combination range. 1,913,420; June 13.
- Wells, Russell D., Pottstown, Pa. Concealed hinge construction for range doors. 1,931,910; Oct. 24.
- Wells, Sidney D., Quincy, Ill., assignor to The Mine & Smelter Supply Company, Denver, Colo. Production of fiber. 1,894,577; Jan. 17.
- Wells, Sidney D., Port Edwards, Wis. Manufacturing distillable spirits by fermentation. 1,904,589; Apr. 18.
- Wells, Sidney D., assignor to Paper Mills Laboratories, Inc., Quincy, Ill. Corrugated ribbed paper. 1,929,008; Oct. 3.
- Wells, Sidney D., assignor to L. L. Alsted, Appleton, Wis. Manufacture of paper pulp. 1,934,957; Nov. 14.
- Wells, Walter T., Glendale, Calif. Formation packer. 1,925,015; Aug. 29.
- Wells, Walter T., Glendale, Calif. Packer for oil wells. 1,925,016; Aug. 29.
- Wells, Walter T., Glendale, Calif. Rat-hole packer. 1,925,017; Aug. 29.
- Wells, Walter T., Glendale, Calif. Packer. 1,926,017; Sept. 5.
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Reflector button sign. 1,918,727; July 18.
- Wells, William C., assignor to Delco-Light Company, Dayton, Ohio. Electrical apparatus. 1,909,139; May 16.
- Wells, William F., Cambridge, Mass. Shellfish culture. 1,933,950; Nov. 7.
- Wellton, Otto G., Saltsjobaden, Sweden. Continually variable change speed gear. 1,895,841; Jan. 31.
- Wellton, Otto G., Stockholm, Sweden. Continually variable change speed gear. 1,898,412; Feb. 21.
- Welsbach Company. (See Wegener, Francis A., assignor.)
- Welsbach Traffic Signal Company. (See LeGorre, Jean L., assignor.)
- Welsch, Gottlieb, Sheboygan, Wis. Composition for refinishing enameled surfaces. 1,903,346; Apr. 4.
- Welsford, William M., Meringur, Victoria, Australia. Traction wheel. 1,901,544; Mar. 14.
- Welsh, Charles L. (See Gottlieb, M., and Welsh.)
- Welsh, Ezra C., Gimsby, Ontario, Canada. Traffic regulator. 1,900,532; Mar. 7.
- Welsh, Frank J., Parma Heights Village, Ohio. Sealing ring. 1,921,555; Aug. 8.
- Welsh, George L., Dixon, Ill. Differential gear for vehicles. 1,938,649; Dec. 12.
- Welsh, James H., White Plains, N. Y. Window for detention hospitals. 1,927,967; Sept. 26.
- Welshausen, William, Allenhurst, N. J. Aquarium. 1,939,533; Dec. 12.
- Welsher, Burdette S., San Luis Obispo, Calif. Aeroplane. 1,915,809; June 27.
- Welter, Adolf, Krefeld, Germany. Making shaped, rapidly and easily soluble mixtures of soaps and persalts. 1,940,570; Dec. 19.
- Welter, Gustave, assignor to The Bigelow Company, New Haven, Conn. Boiler construction. 1,927,327; Sept. 19.
- Weltha Process Corporation. (See Andersen, George F., assignor.)
- Welton, Jack, New York, N. Y. Dry doorcheck. 1,918,879; July 18.
- Welty, Albert B., Kenilworth, Ill., assignor to International Harvester Company. Harvester thresher. 1,894,138; Jan. 10.
- Welty, Albert B., Kenilworth, Ill., assignor to International Harvester Company. Grain wheel for harvester threshers. 1,932,096; Oct. 24.
- Welty, Albert B., Kenilworth, Ill., assignor to International Harvester Company. Harvester thresher. 1,941,029; Dec. 26.
- Welty, Helen E., Seattle, Wash. Slicing mold. 1,892,861; Jan. 3.
- Weltz, Henry F. (See Dorst, J., and Weltz.)
- Welwood, John C., Corp. (See Owitz, Nathan, assignor.)
- Wemlinger, Julius R., Brooklyn, N. Y. Corrugated sheet piling. 1,894,012; Jan. 10.
- Wemlinger, Julius R., Brooklyn, N. Y., and W. C. Disbrow, Jr., Tampa, Fla.; said Disbrow assignor to said Wemlinger. Sea wall. 1,907,135; May 2.
- Wemp, Ernest E., Detroit, Mich. Clutch. 1,903,275; Mar. 28.
- Wemp, Ernest E., Detroit, Mich. Clutch construction. 1,907,915; May 9.
- Wemp, Ernest E., Detroit, Mich. Clutch. 1,910,141; May 23.
- Wemp, Ernest E., Detroit, Mich. Clutch construction. 1,910,142; May 23.
- Wemp, Ernest E., Detroit, Mich. Clutch. 1,934,109; Nov. 7.
- Wemp, Ernest E., Detroit, Mich. Vibration dampener. 1,935,683; Nov. 21.

- Wemp, Ernest E., Detroit, Mich. Clutch. 1,935,684; Nov. 21.
- Wempe, Fridolin J., St. Marys, Kans. Bottle cap. 1,894,504; Jan. 17.
- Wempe, Friedrich. (See Peperkorn, H., Wempe, and Hartmann.)
- Wemple, Leland E., Chicago, and J. R. Daesen, Oak Park, Ill. Zinc alloy and certain articles made therefrom. 1,933,490; Oct. 31.
- Wenberg, Oscar A., assignor to United States Wind Engine & Pump Company, Batavia, Ill. Grain handling device. 1,900,213; Mar. 7.
- Wenczel, Laszlo, assignor to Sterling Airbrush Co., New York, N. Y. Pneumatic puffing machine. 1,919,674; July 25.
- Wende, Hermann A., Buffalo, N. Y. Mechanism for selectively actuating a plurality of movable members. 1,896,146; Feb. 7.
- Wendel, Reinhold M., Hafverud, assignor to Aktiebolaget Papyrus, Molndal, Sweden. Manufacture of duplex or multiplex paper with different appearance on various spots. 1,903,711; Apr. 11.
- Wendelken, Frederick S., assignor, by mesne assignments, to Nicholas G. Petry, Denver, Colo. Tool for slicing wall board and the like. 1,915,636; June 27.
- Wendell, Charles C. (See Hoyer, Frederic J., assignor.)
- Wendell, Herman E., assignor of one-third to P. Hornlein, St. Petersburg, Fla., and one-third to D. M. Moodie, Melrose, Mass. Crate. 1,909,441; May 16.
- Wendlandt, Rudolf. (See Caro, N., Frank, Wendlandt, and Fischer.)
- Wendlandt, Rudolph. (See Caro, N., Frank, Siebert, Wendlandt, and Fischer.)
- Wendle, George E., Williamsport, Pa. Pump plunger. 1,934,781; Nov. 14.
- Wendle, Virgil P., assignor to The Reeves Manufacturing Company, Dover, Ohio. Flux box gate. 1,934,577; Nov. 7.
- Wendler, Adolph F., Buffalo, assignor to The National Aniline and Chemical Co., Inc., New York, N. Y. Drier agitator. 1,909,324; May 16.
- Wendler, Otto W. H. (See Hansen, Christian S., assignor.)
- Wendling, George M., Yankton, assignor of one-third to J. L. Albrecht, Mitchell, and one-third to Helmut Schulz, Yankton, S. Dak. Spark plug. 1,931,951; Oct. 24.
- Wendorf, Albert E. O., Wauwatosa, Wis. Router gauge and guide. 1,904,109; Apr. 18.
- Wendt, Bruno, Dessau in Anhalt, Germany, assignor, by mesne assignments, to Agfa Anasco Corporation, Binghamton, N. Y. Manufacturing photographic silver salt emulsions and light-sensitive material. 1,898,512; Feb. 21.
- Wendt, Bruno, Dessau in Anhalt, Germany, assignor to Agfa Anasco Corporation, Binghamton, N. Y. Multi-colored pictures. 1,918,623; July 18.
- Wendt, Bruno, H. Bincer, and A. Fröhlich, Dessau in Anhalt, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Manufacture of color-pictures. 1,916,350; July 4.
- Wendt, Bruno, Dessau in Anhalt, and H. Bincer, Dessau-Ziebigk, Germany, assignors to Agfa Anasco Corporation, Binghamton, N. Y. Light-sensitive material. 1,916,779; July 4.
- Wendt, Gerald L., State College, Pa., assignor to Liquid Coffee Products Corporation. Preparing a coffee extract. 1,925,159; Sept. 5.
- Wendt, Wesley E., assignor to Delco-Light Company, Dayton, Ohio. Electrical apparatus. 1,912,051; May 30.
- Wendt, William H., Little Falls, Minn. Fish tongs. 1,941,064; Dec. 26.
- Wendtland, Heinz, Altona-on-the-Elbe, Germany. Water lock for acetylene generators. 1,905,198; Apr. 25.
- Wendtland, Heinz, Altona Germany. Acetylene generator. 1,922,649; Aug. 15.
- Wenger, André, and E. Wenger, Geneva, Switzerland. Watch. 1,931,277; Oct. 17.
- Wenger, Clement R., Leola, Pa. Agitator for washing machines. 1,918,945; July 18.
- Wenger, Edouard. (See Wenger, André and E.)
- Wenger, David M., Leola, Pa. Closure fastener for receptacles. 1,892,743; Jan. 3.
- Wening, Frederick. (See Glatthar, G. E., and Wening.)
- Wenk, Berthold. (See Weiler, M., Berres, Wenk, and Stötter.)
- Wenk, Juan, Madrid, Spain, assignor to Landis & Gyr, A-G, Zug, Switzerland. Switching mechanism. 1,920,538; Aug. 1.
- Wennagel, George F., and C. Thomas, Baltimore, Md. Electric car heater. 1,924,298; Aug. 29.
- Wensley, Roy J., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Remote control system. 1,905,255; Apr. 25.
- Wensley, Roy J., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Supervisory control system. 1,922,183; Aug. 15.
- Wensley, Roy J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current-controlling apparatus. 1,930,545; Oct. 17.
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 1,914,186; June 13.
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 1,930,915; Oct. 17.
- Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 1,936,145; Nov. 21.
- Wente, Leslie H., Hamilton, Ohio. Speed changing gearing. 1,898,753; Feb. 21.
- Wentink, Alfred N., Chicago, Ill. Insulation stripping device. 1,902,742; Mar. 21.
- Wentworth, Charles M., St. Louis, Mo. Handy service tray assembly. 1,893,755; Jan. 10.
- Wentworth, Philip C., Providence, R. I. Traveler. 1,937,676; Dec. 5.
- Wentworth, Robert S., assignor to National Radiator Corporation, Johnstown, Pa. Heating convactor. 1,912,556; June 6.
- Wentworth, Robert S., assignor to National Radiator Corporation, Johnstown, Pa. Heat convactor. 1,927,079; Sept. 19.
- Wentworth, Robert S., assignor to National Radiator Corporation, Johnstown, Pa. Convactor. 1,927,080; Sept. 19.
- Wentworth, Robert S., assignor to National Radiator Corporation, Johnstown, Pa. Radiator. 1,929,618; Oct. 10.
- Wentz, Earle J., Schoolfield, Va., assignor to Draper Corporation, Hopedale, Mass. Loom. 1,896,337; Feb. 7.
- Wentz, Howard B. (See Pridgen, J. B., and Wentz.)
- Wentz, Jere L., Passaic, N. J. Conveyer. 1,938,650; Dec. 12.
- Wenzel, Alfred F. (See Heyman, J. K., and Wenzel.)
- Wenzel, Anna M., Brooklyn, N. Y. Adjustable cutter for sewing machines. 1,894,013; Jan. 10.
- Wenzel, Charles. (See Gray, H. F., and Wenzel.)
- Wenzel, Edwin H., Whitefish Bay, Wis. Feeding hopper for pneumatic conveyers. 1,903,304; Apr. 4.
- Wenzel, Emil, assignor to Ernst Gessner Aktiengesellschaft, Aue, Germany. Moistening cloth. 1,902,429; Mar. 21.
- Wenzel, Karl E., Hamborn-on-the-Rhine, Germany, assignor, by mesne assignments, to The Hannauer Car Retarder Company, Chicago, Ill. Track brake. 1,906,347; May 2.
- Wenzel, Karl E., Hamborn-on-the-Rhine, Germany, assignor, by mesne assignments, to The Hannauer Car Retarder Company, Chicago, Ill. Track brake. 1,906,348; May 2.
- Wenzel, Karl E., Hamborn, Germany, assignor to Hannauer Car Retarder Company, Chicago, Ill. Track brake. 1,906,349; May 2.
- Wenzel, Max, Neidhardtstal, Germany. Winding band to be wound on rolls used in the paper making and allied trades. 1,898,413; Feb. 21.
- Wenzer, Leonard, assignor to Universal Oil Products Company, Chicago, Ill. Tube seat protector. 1,912,609; June 6.
- Werdenberg, Heinrich. (See Hug, E., and Werdenberg.)
- Werder, John F., Cleveland, Ohio. Dispensing liquids under pressure. 1,899,222; Feb. 28.
- Werder, John F., Cleveland, Ohio, assignor of one-half to E. Rogers. Liquid metering and dispensing apparatus. 1,929,719; Oct. 10.
- Werder, John F., Lakewood, Ohio. Discharge nozzle. 1,902,003; Mar. 21.
- Werder, John F., Lakewood, Ohio. Valve structure. 1,910,909; May 23.
- Werdermann, Arthur. (See Laska, L., and Werdermann.)
- Werk, Casimir L., Jr., Cincinnati, Ohio. Punching machine. 1,928,680; Oct. 3.
- Werk, Robert F., New Orleans, La. Press mat. 1,937,076; Nov. 28.
- Werkhof Gesellschaft mit beschränkter Haftung. (See Senter, Georg, assignor.)
- Werle, Ernest E. (See Gray, P. P., and Werle.)
- Werle, Mathew C., Billings, Mont. Engine. 1,899,374; Feb. 28.
- Werlin, Samuel. (See Shivek, Bernard, assignor.)
- Wermine, Hugo H., Villa Park, assignor to Belden Manufacturing Company, Chicago, Ill. Connector for electric appliances. 1,909,140; May 16.
- Wernberg, Niels E., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Engine starter. 1,897,457; Feb. 14.
- Wernecke, Otto, assignor to Brunsviga-Maschinenwerke Grimme Natalls & Co., Aktiengesellschaft, Brunswick, Germany. Calculating machine. 1,911,733; May 30.
- Werner, Adolph, Milwaukee, Wis. Valve grinder. 1,906,350; May 2.
- Werner, Adolph C., High Ridge, Mo. Ice-cream cone carrier. 1,927,600; Sept. 19.
- Werner, Charles. (See Werner, Theodore and C.)
- Werner, Dick G., Kansas City, Mo. Mail separating and facing apparatus. 1,897,093; Feb. 14.
- Werner, Frank C., Grand Rapids, and H. O. Van Antwerp, East Grand Rapids, Mich.; said Van Antwerp assignor to said Werner. Cookie machin. 1,936,893; Nov. 28.
- Werner, Fritz, Leipzig, Germany. Brine for the transmission of heat and cold. 1,939,937; Dec. 19.
- Werner, Gustav, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Shrouding cap for sparking plugs. 1,928,520; Sept. 26.
- Werner, John, Berlin, Germany. Producing imitations of valuable sorts of wood and tarsia style coatings. 1,893,384; Jan. 3.

- Werner, John, Swinemunde, Germany. Transferring prints on to surfaces. 1,897,875; Feb. 14.
- Werner, John, & Sons, Inc. (See Werner, Theodore and C., assignors.)
- Werner, Karl, Nuremberg-Eibach, Germany. Suspension spring. 1,894,839; Jan. 17.
- Werner, Lewis H., White Plains, N. Y. Clothesline support. 1,933,235; Oct. 31.
- Werner, Max. (See Droste, W., and Werner.)
- Werner, Minnie S., Independence, Mo. Colander. 1,927,192; Sept. 19.
- Werner, Oscar, South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company. Direction indicating beacon. 1,912,928; June 6.
- Werner, Paul H. W., Wellesley, Mass. Photo-engraving. 1,898,798; Feb. 21.
- Werner, Peter A., Oakland, Calif. Refractory gas burner. 1,939,476; Dec. 12.
- Werner, Robert. (See Mueller-Cunradi, M., and Werner.)
- Werner, Rudolf, Maywood, Ill. Peanut butter and making the same. 1,921,275; Aug. 8.
- Werner, Theodore and C., assignors to John Werner & Sons, Inc., Rochester, N. Y. Molding candy centers. 1,894,651; Jan. 17.
- Werner, Vernon S., Morris, Ill. Cigarette container, igniter, and ejector. 1,917,563; July 11.
- Werner, Wilbur S., assignor to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. Portable X-ray apparatus. 1,913,695; June 13.
- Werner, Wilbur S., assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. Radiographic apparatus. 1,917,625; July 11.
- Werner, Wilbur S., South Fort Mitchell, assignor to Kelley-Koett Mfg. Co., Inc., Covington, Ky. Variable voltage transformer. 1,923,343; Sept. 26.
- Wernlund, Christian J., Tottenville, N. Y., and F. F. Oplinger, Perth Amboy, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Electrodeposition of tin. 1,919,000; July 13.
- Wert, Charles M., Cleveland, assignor of one-third to F. F. Petznick, Cleveland Heights, and one-third to C. H. Dray, Lakewood, Ohio. Two-speed mechanism. 1,898,700; Feb. 21.
- Wert, Charles M., Cleveland, assignor of one-third to F. F. Petznick, Cleveland Heights, and one-third to C. H. Dray, Lakewood, Ohio. Dual-ratio mechanism for automobiles. 1,918,200; July 11.
- Wertheim, Hugo, Vienna, Austria. Process for the simultaneous production of butyl alcohol and acetone by fermentation. 1,917,676; July 11.
- Wertheim, Hugo, Vienna, Austria. Producing butyl alcohol and acetone by fermentation. 1,917,677; July 11.
- Wertman, Harvey E. (See Pruitt, Harvey E., assignor.)
- Wertz, Daniel L., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism for internal combustion engines. 1,904,184; Apr. 18.
- Wertz, Harvey C., Beaver Falls, Pa., assignor to E. H. McClure, East Palestine, Ohio. Scaffold. 1,927,908; Sept. 26.
- Wertz, Harvey C., Beaver Falls, Pa. Portable or adjustable trestle. 1,935,896; Nov. 21.
- Wertz, Louis S., Shaker Heights, Ohio. Apparatus for treating masonry structures. 1,926,415; Sept. 12.
- Wertzler, Borghild, Chicago, Ill. Wardrobe hanger. 1,892,794; Jan. 3.
- Wery, Edward, Toms River, N. J. Pocket umbrella. 1,919,610; July 25.
- Wesche, Bjarne A., Cincinnati, Ohio. Variable speed reactor control. 1,894,928; Jan. 17.
- Wescott, Blaine B., assignor, by mesne assignments, to Gulf Research & Development Corporation, Pittsburgh, Pa. Pin, bolt, and other connecting device. 1,926,925; Sept. 12.
- Wescott, Ernest W., Niagara Falls, N. Y., assignor, by mesne assignments, to Sulphide Corporation. Treating sulphide ores. 1,898,701; Feb. 21.
- Wescott, Ernest W., Niagara Falls, N. Y., assignor, by mesne assignments, to Sulphide Corporation. Treating iron ores. 1,898,702; Feb. 21.
- Wescott, Ernest W., Niagara Falls, N. Y., assignor, by mesne assignments, to Sulphide Corporation. Treating ores. 1,916,853; July 4.
- Wescott, William B., Boston, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Treatment of asbestos with latex and product thereof. 1,907,634; May 9.
- Wesel, F., Manufacturing Company. (See Fleming, David H., assignor.)
- Wesley, Francis. (See Johnson, Arthur E., assignor.)
- Wesenberg, Georg. (See Muth, F., and Wesenberg.)
- Wesix National Company. (See Hicks, William W., assignor.)
- Wesix National Company. (See Kercher, A. J., and Hicks, assignors.)
- Weskenson Corporation. (See Johnson, William H., assignor.)
- Wesnick, Erwin. (See Zagorski, J., and Wesnick.)
- Wesnick, Erwin, Berlin, Germany. Hydroplane. 1,923,958; Aug. 22.
- Wesp, George, assignor to The Rosenthal China Corporation, New York, N. Y. Plate or similar article. Des. 89,522; Mar. 21.
- Wessel, Albert H., Pittsburgh, Pa. Toy structure. 1,935,256; Nov. 14.
- Wesseler, William J. (See Moore, Robert A., assignor.)
- Wessels, August H., Woodbine, Pa. Means for and method of counteracting headlight glare. 1,929,298; Oct. 3.
- Wessling, Harry H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Truck body. 1,930,635; Oct. 17.
- Wessman, Edwin G., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Dispenser. 1,905,613; Apr. 25.
- Wessman, Edwin G., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Dispenser. 1,940,067; Dec. 19.
- West, Arthur G. D., Beckenham, England. Radio receiving system. 1,933,778; Nov. 7.
- West, Brennan B. (See Bevington, John E., assignor.)
- West, Brennan B. (See Bevington, J. E., and West.)
- West, Brennan B., and J. E. Bevington, Cleveland, Ohio. Rack for trousers. 1,936,813; Nov. 28.
- West, Charles L., Tiffin, Ohio, assignor of forty per cent to D. R. Lindley, Indianapolis, Ind. Blank feeder for forging machines. 1,898,279; Feb. 21.
- West, Constance L., Detroit, Mich., assignor, by mesne assignments, to The Crosley Radio Corporation, Cincinnati, Ohio. Refrigerating unit. Re19,008; Nov. 21.
- West, Constance L., assignor to F. R. West, Detroit, Mich. Refrigerating unit. 1,898,922; Feb. 21.
- West Disinfecting Company. (See Marcuse, Moses M., assignor.)
- West, Donald H., Marlboro, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Duplex hydraulic broaching machine. 1,932,760-1; Oct. 31.
- West, Donald H., Marlboro, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Reserve hydraulic driving mechanism. 1,937,077; Nov. 28.
- West, Donald W. (See Levy, L. A., and West.)
- West, Edward E., Richmond, Va. Bag stringing machine. 1,920,822; Aug. 1.
- West, Edward E., Richmond, Va. Draw string bag and making the same. 1,920,824; Aug. 1.
- West, Edward E., Richmond, Va., and D. Clymer, Reidsville, N. C., assignors to said Edward E. West. Bag stringing machine. 1,920,823; Aug. 1.
- West, Ernest. (See West, Frederick J., and E.)
- West, Ernest, assignor to West's Gas Improvement Company, Limited, Manchester, England. Vertical gas retort and coke extractor therefor. 1,917,746; July 11.
- West, Frank R. (See West, Constance L., assignor.)
- West, Frank R., Detroit, Mich. Cooling unit for refrigerating apparatus. 1,927,510; Sept. 19.
- West, Frank R., Detroit, Mich. Refrigerator cabinet. 1,932,003; Oct. 24.
- West, Frank R., Detroit, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. Re19,037; Dec. 26.
- West, Frank R., Highland Park, Mich., assignor to Copeland Products, Inc. Refrigerating mechanism. 1,925,549; Sept. 5.
- West, Frank R., and T. E. Carpenter, Detroit, Mich.; said Carpenter assignor to said West. Control device for electric circuits. 1,902,926; Mar. 28.
- West, Fred A., et al. (See Turman, Joe B., assignor.)
- West, Frederick J. and E., assignors to West's Gas Improvement Company, Limited, Manchester, England. Coke discharger for retorts for the carbonization of coal and the like. 1,901,016; Mar. 14.
- West, Frederick J., and E., assignors to West's Gas Improvement Company Limited, Manchester, England. Lubricating conveyers. 1,933,464; Oct. 31.
- West, George E., Washington, D. C. Cap for containers. 1,905,356; Apr. 25.
- West, George H. B., Philadelphia, Pa. Terminal post sealing structure. 1,914,904; June 20.
- West, Harry R., Pittsfield, Mass., assignor to General Electric Company. Electrical compensating arrangement. 1,921,713; Aug. 8.
- West, Henry. (See Burrell, L., and West.)
- West, Herbert J. (See Jaeger, A. O., and West.)
- West, Herbert J. (See Jaeger, A. O., Daniels, and West.)
- West, Herbert J., Crafton, assignor to The Selden Company, Pittsburgh, Pa. Purification of vat dyes and intermediates. 1,910,819; May 23.
- West, Herman O., Philadelphia, Pa. Plunger for hypodermic syringes and the like. 1,935,494; Nov. 14.
- West, John W., Maplewood, N. J. Confection. Des. 91,047; Nov. 14.
- West, John W., Maplewood, N. J., assignor to Frozen Confections, Inc., New York, N. Y. Machine for operating on plastic materials. 1,922,563; Aug. 15.
- West, John W., New York, N. Y., assignor, by mesne assignments, to Good Humor Corporation of America. Stick gripping and centering apparatus for frozen confections. 1,924,224; Aug. 29.
- West, John W., New York, N. Y., assignor, by mesne assignments, to Good Humor Corporation of America. Confection mold. 1,930,916; Oct. 17.
- West, Maxwell A., Oakland, Calif. Transmission shaft for vehicles. 1,897,542; Feb. 14.
- West, Perry, Newark, N. J. Ventilating apparatus. 1,935,305; Nov. 14.
- West, Raymond L., Santa Ana, Calif. Hitch for offset tandem disk harrows and the like. 1,895,831; Jan. 31.
- West, Robert, Ponca City, Okla. Chair head rest. 1,930,867; Oct. 17.
- West, Robert A. (See West, Robert N., assignor.)
- West, Robert N., Maplewood, N. J. Ironing machine. 1,893,190; Jan. 3.

- West, Robert N., Maplewood, N. J. Pad for ironing machines, etc. 1,918,230; July 11.
- West, Robert N., assignor to R. A. West, Maplewood, N. J. Resilient pad. 1,939,477; Dec. 12.
- West, Starling A., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle body. 1,923,466; Aug. 22.
- West, Thomas S., Nowata, Okla. Locating buried pipe lines, etc. 1,893,311; Jan. 3.
- West, Walter R., assignor to Hightstown Rug Company, Hightstown, N. J. Spool. 1,940,638; Dec. 19.
- West, William A., Baltimore, Md. Mop mounting. 1,907,284; May 2.
- Westad, Daniel, Bygdoey, near Oslo, Norway. Process and apparatus for the manufacture of cellulose. 1,904,894; Apr. 18.
- Westall, Charles C. (See Koupal, W. G., and Westall.)
- Westard, George E., Stamford, Conn. Top for automobile rumble seats. 1,910,075; May 23.
- West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
- Westberg, Carl F. (See Grafenstatt, E. S., and Westberg.)
- West Branch Corporation, The. (See Bauman, Warren J., assignor.)
- Westbrook, Leon R., Cleveland Heights, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Purifying technical sodium meta-silicate hydrates. 1,922,832; Aug. 15.
- Westbrook, Walter S., Logan, Ohio. Drive for well drilling apparatus. 1,914,627; June 20.
- Westco-Chippewa Pump Company. (See Claypool, Wallace L., assignor.)
- Westco Pump Corporation. (See Ferguson, Gale L., assignor.)
- Westcott, Brayton W., assignor to Zenith-Detroit Corporation, Detroit, Mich. Carburetor. 1,912,468; June 6.
- Westcott, Ernest W., Niagara Falls, N. Y., assignor, by mesne assignments, to Sulphide Corporation, Treating iron ores. 1,904,583; Apr. 18.
- Westcott, Frank, Luton, England, assignor to General Motors Corporation, Detroit, Mich. Synchronizing device for transmissions. 1,909,644; May 16.
- Westcott & Thomson. (See Schwartz, Joseph, assignor.)
- Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric illuminating apparatus. 1,913,181; June 6.
- Wester, Charles E., Ironwood, Mich. Cigarette dispenser. 1,916,453; July 4.
- Wester, Charles E., Ironwood, Mich. Cigarette supply clip or receptacle. 1,922,996; Aug. 15.
- Wester, Stefan, Easton, Pa. One-piece coat. 1,900,678; Mar. 7.
- Westerbeck, Frederick, University City, Mo. Container. 1,899,375; Feb. 28.
- Westerbeck, Frederick, University City, Mo. Container. 1,933,779; Nov. 7.
- Westerbeck, Frederick, University City, Mo. Container. 1,934,393; Nov. 7.
- Westerberg, Jennie M., Boring, Oreg. Sanitary milk pail. 1,894,332; Jan. 17.
- Westerdahl, Wilhelm O., Stockholm, Sweden. Motion-reversing means. 1,907,418; May 2.
- Westerfield, Granville G., Indianapolis, Ind. Inhaler. 1,923,650; Aug. 22.
- Westerheim, Sam. (See Ostroff, G. E., and Westerheim.)
- Westerlind, Walfred F., Rockford, Ill. Vacuum pressure bottle or similar article. Des. 90,132; June 13.
- Westerman, Claude C. and G. L., Bremen, Ohio. Valve. 1,894,505; Jan. 17.
- Westerman, Guy L. (See Westerman, Claude C. and G. L.)
- Westerman, S. L., et al. (See Edwards, Eldon J., assignor.)
- Westermann, Otto, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Electrical apparatus. 1,907,633; May 9.
- Western Cartridge Company. (See Dawson, George L., assignor.)
- Western Cartridge Company. (See Ernst, Hans, assignor.)
- Western Cartridge Company. (See Olin, Franklin W. and J. M., and Clyne, assignors.)
- Western Cartridge Company. (See O'Neil, Arthur S., assignor.)
- Western Cartridge Company. (See Schuricht, Alfons G., assignor.)
- Western Cartridge Company. (See Wagner, William E., assignor.)
- Western Clock Company. (See Greenleaf, William H., assignor.)
- Western Clock Company. (See Kaefer, Martin H., assignor.)
- Western Clock Company. (See Neureuther, Andrew H., assignor.)
- Western Clock Company. (See Schlenker, Max, assignor.)
- Western Clock Company. (See Wagner, Henry J., assignor.)
- Western Combustion Engineers, Inc. (See Hobson, Frank E., assignor.)
- Western Electric Company. (See Adams, Arthur H., assignor.)
- Western Electric Company. (See Adams, Ethel B., assignor.)
- Western Electric Company. (See Alden, John L., assignor.)
- Western Electric Company. (See Alden, J. L., and McCarthy, assignors.)
- Western Electric Company. (See Arkema, Harold P., assignor.)
- Western Electric Company. (See Arnold, H. B., and Cooke, assignors.)
- Western Electric Company. (See Arnstein, W. L., and Rinehart, assignors.)
- Western Electric Company. (See Babbitt, Bethel J., assignor.)
- Western Electric Company. (See Bandur, A. F., and Heinicke, assignors.)
- Western Electric Company. (See Bartley, Charles B., assignor.)
- Western Electric Company. (See Bean, Tilford H., assignor.)
- Western Electric Company. (See Beavers, Roy J., assignor.)
- Western Electric Company. (See Bedford, Leslie H., assignor.)
- Western Electric Company. (See Bell, C. W., and Dillon, assignors.)
- Western Electric Company. (See Blount, H., and Larsen, assignors.)
- Western Electric Company. (See Blount, H., and Sheel, assignors.)
- Western Electric Company. (See Boe, Helmer J., assignor.)
- Western Electric Company. (See Boving, Henrik, assignor.)
- Western Electric Company. (See Bower, B. F., and Mooy, assignors.)
- Western Electric Company. (See Bradley, Robert W., assignor.)
- Western Electric Company. (See Bradley, W. R., and Thronsen, assignors.)
- Western Electric Company. (See Brandt, Walter, assignor.)
- Western Electric Company. (See Brodie, George H., assignor.)
- Western Electric Company. (See Bureau, Arthur A., assignor.)
- Western Electric Company. (See Butterfield, Louis B., assignor.)
- Western Electric Company. (See Carter, Herbert F., assignor.)
- Western Electric Company. (See Cherry, George L., assignor.)
- Western Electric Company. (See Clement, Lewis M., assignor.)
- Western Electric Company. (See Clemmons, Ralph W., assignor.)
- Western Electric Company. (See Clemons, Dale B., assignor.)
- Western Electric Company. (See Clemons, D. R., and Neumann, assignors.)
- Western Electric Company. (See Cox, Thomas K., assignor.)
- Western Electric Company. (See d'Amour, Paul H., assignor.)
- Western Electric Company. (See Daum, Wilhelm, assignor.)
- Western Electric Company. (See Dean, Reginald S., assignor.)
- Western Electric Company. (See Deitz, Louis S., Jr., assignor.)
- Western Electric Company. (See Deitz, L. S., Jr., and Schmidt, assignors.)
- Western Electric Company. (See Dennison, L. I., and Dreyer, assignors.)
- Western Electric Company. (See Dreyer, C. F., and Engst, assignors.)
- Western Electric Company. (See Dunham, Carlton R., assignor.)
- Western Electric Company. (See Dunham, C. R., and Roche, assignors.)
- Western Electric Company. (See Dunlap, Scott B., sr., assignor.)
- Western Electric Company. (See Engst, Norbert K., assignor.)
- Western Electric Company. (See Ford, B. H., and Lamme, assignors.)
- Western Electric Company. (See Frank, George H., assignor.)
- Western Electric Company. (See Franz, Erwin E., assignor.)
- Western Electric Company. (See Freyman, Fred, assignor.)
- Western Electric Company. (See Fruth, Hal F., assignor.)
- Western Electric Company. (See Gaylord, Harlow F., assignor.)
- Western Electric Company. (See Gibson, William T., assignor.)
- Western Electric Company. (See Grace, B. B., Skillman, Roche, and Sandeman, assignors.)
- Western Electric Company. (See Gray, Frank, assignor.)
- Western Electric Company. (See Griffin, J. T., Deane, and Cureton, assignors.)
- Western Electric Company. (See Hardisty, Rupert W., assignor.)
- Western Electric Company. (See Hatton, William, assignor.)

- Western Electric Company. (See Hatton, W., Rousseau, and Warmoes, assignors.)
 Western Electric Company. (See Hayford, W. S., and Moore, assignors.)
 Western Electric Company. (See Helsing, Raymond A., assignor.)
 Western Electric Company. (See Henderson, Fred E., assignor.)
 Western Electric Company. (See Henning, George E., assignor.)
 Western Electric Company. (See Hinton, Leslie T., assignor.)
 Western Electric Company. (See Hoffman, Carl R., assignor.)
 Western Electric Company. (See Hoffman, R. E., and Paulson, assignors.)
 Western Electric Company. (See Hruby, Louis J., assignor.)
 Western Electric Company. (See Irwin, B. F., and Tornberg, assignors.)
 Western Electric Company. (See Johnson, Fred V., assignor.)
 Western Electric Company. (See Johnson, F. V., Hanson, and Waters, assignors.)
 Western Electric Company. (See Johnson, Joel R., assignor.)
 Western Electric Company. (See Johnson, R., and Siebs, assignors.)
 Western Electric Company. (See Jongedyk, Ralph, assignor.)
 Western Electric Company. (See Kegl, Z. J., and Larsen, assignors.)
 Western Electric Company. (See Kivley, Ray C., assignor.)
 Western Electric Company. (See Kobayashi, Masatsugu, assignor.)
 Western Electric Company. (See Koll, Henry M., assignor.)
 Western Electric Company. (See Knuuti, Charles O., assignor.)
 Western Electric Company. (See Kurth, Edward H., assignor.)
 Western Electric Company. (See Laird, Alfred W., assignor.)
 Western Electric Company. (See Lane, Clarence E., assignor.)
 Western Electric Company. (See Lane, M. W., and Oakes, assignors.)
 Western Electric Company. (See Lane, M. W., and Price, assignors.)
 Western Electric Company. (See Larsen, Einer W., assignor.)
 Western Electric Company. (See Latimer, Kenneth E., assignor.)
 Western Electric Company. (See Lawrence, Leland E., assignor.)
 Western Electric Company. (See Le Boutillier, Austin, assignor.)
 Western Electric Company. (See Lloyd, Stanley M., assignor.)
 Western Electric Company. (See Lodge, Joseph E., assignor.)
 Western Electric Company. (See Long, Maurice B., assignor.)
 Western Electric Company. (See Malec, Anthony, assignor.)
 Western Electric Company. (See Markuson, Oscar S., assignor.)
 Western Electric Company. (See Marrison, Warren A., assignor.)
 Western Electric Company. (See Mathes, Robert C., assignor.)
 Western Electric Company. (See McCoy, Clarence E., assignor.)
 Western Electric Company. (See McGuire, Lee R., assignor.)
 Western Electric Company. (See McIlvried, Edwin J., assignor.)
 Western Electric Company. (See McKee, Clarence A., assignor.)
 Western Electric Company. (See McMullan, Samuel, assignor.)
 Western Electric Company. (See Nelson, Charles E., assignor.)
 Western Electric Company. (See Nicholson, Alexander M., assignor.)
 Western Electric Company. (See Nukiyama, Heichi, assignor.)
 Western Electric Company. (See Park, Robert E., Jr., assignor.)
 Western Electric Company. (See Parsons, Harry A., assignor.)
 Western Electric Company. (See Peterson, Eugene, assignor.)
 Western Electric Company. (See Pfeiffer, Conrad L., assignor.)
 Western Electric Company. (See Presser, Ernst, assignor.)
 Western Electric Company. (See Pugh, Emerson, assignor.)
 Western Electric Company. (See Quinlan, Amos L., assignor.)
 Western Electric Company. (See Radford, John B., assignor.)
 Western Electric Company. (See Raymond, Gussie F., assignor.)
 Western Electric Company. (See Reeve, Howard T., assignor.)
 Western Electric Company. (See Reisinger, James C., assignor.)
 Western Electric Company. (See Rice, Richard L., assignor.)
 Western Electric Company. (See Robbins, Charles W., assignor.)
 Western Electric Company. (See Robertson, James S. P., assignor.)
 Western Electric Company. (See Sager, John W., assignor.)
 Western Electric Company. (See Sandeman, E. K., and Carter, assignors.)
 Western Clock Company. (See Schlenker, Max, assignor.)
 Western Electric Company. (See Schmied, James W., assignor.)
 Western Electric Company. (See Scott, James W., assignor.)
 Western Electric Company. (See Scrantom, De Hart G., assignor.)
 Western Electric Company. (See Seeley, George A., assignor.)
 Western Electric Company. (See Sevebeck, Laurin L., assignor.)
 Western Electric Company. (See Shea, John R., assignor.)
 Western Electric Company. (See Shee, Parke L., assignor.)
 Western Electric Company. (See Shimizu, Rinjiro, assignor.)
 Western Electric Company. (See Siebs, Claude T., assignor.)
 Western Electric Company. (See Smets, F. E. A., and Hansen, assignors.)
 Western Electric Company. (See Smythe, Edwin H., assignor.)
 Western Electric Company. (See Spear, Jay P., assignor.)
 Western Electric Company. (See Spielauer, Engelbert, assignor.)
 Western Electric Company. (See Starr, Arthur T., assignor.)
 Western Electric Company. (See Stoller, Hugh M., assignor.)
 Western Electric Company. (See Strawn, Marion L., assignor.)
 Western Electric Company. (See Strom, Frederic H., assignor.)
 Western Electric Company. (See Sturdevant, Earl G., assignor.)
 Western Electric Company. (See Taylor, Frank W., assignor.)
 Western Electric Company. (See Thomas, Philip R., assignor.)
 Western Electric Company. (See Tietz, William J., assignor.)
 Western Electric Company. (See Uda, S., and Okura, assignors.)
 Western Electric Company. (See Van der Straeten, August L. H., assignor.)
 Western Electric Company. (See VanValzah, Robert W., assignor.)
 Western Electric Company. (See Voss, Arley H., assignor.)
 Western Electric Company. (See Warmoes, G. T., and Escande, assignors.)
 Western Electric Company. (See Watchorn, Edward, assignor.)
 Western Electric Company. (See Waters, Daniel V., assignor.)
 Western Electric Company. (See Weaver, Leo L., assignor.)
 Western Electric Company. (See Wegel, Raymond L., assignor.)
 Western Electric Company. (See Whitaker, John A., assignor.)
 Western Electric Company. (See Wines, William B., assignor.)
 Western Electric Company. (See Wright, Esmond P. G., assignor.)
 Western Electric Company. (See Wyman, Thomas P., Jr., assignor.)
 Western Electric Company. (See Zelenka, Joseph J., assignor.)
 Western Electric Company, Incorporated. (See Flint, J. G., and McKie, assignors.)
 Western Electric Company, Incorporated. (See Peterson, Eugene, assignor.)
 Western Electric Company, Incorporated. (See Pocock, L. C., Blackburn, and Turton, assignors.)
 Western Electric Company Incorporated. (See White, John H., assignor.)
 Western Gas Construction Company, The. (See Barr, Walter A., assignor.)
 Western Gas Construction Company, The. (See Merritt, Malcolm, assignor.)
 Western Gas Construction Company. (See Stone, Thomas W., assignor.)
 Western, Hedley N., Marlon, South Australia, Australia. Wheeled plow. 1,914,933; June 20.
 Western Newell Mfg. Co. (See Mayes, S. E., and Cushman, assignors.)
 Western Newspaper Union. (See Pawlitschko, Anton R., assignor.)

- Western Oil and Refining Company. (See McKee, E. J., and Rakestraw, assignors.)
- Western Pipe & Steel Co. (See Smith, James E., assignor.)
- Western Pipe and Steel Company of California. (See Hall, John W., assignor.)
- Western Railway Equipment Company. (See Campbell, S. H., and Habenicht, assignors.)
- Western Railway Equipment Company. (See Campbell, S. H., Habenicht, and Pietzsch, assignors.)
- Western Railway Equipment Company. (See Pilcher, John A., assignor.)
- Western States Machine Company, The. (See Roberts, Eugene, assignor.)
- Western Tablet and Stationary Corporation. (See Tannehill, U. R., and Johnson, assignors.)
- Western Television Corp. (See Garner, Lloyd P., assignor.)
- Western Union Telegraph Company, The. (See Beardsley, B., Chadbourne, and Smith, assignors.)
- Western Union Telegraph Company, The. (See Birkmeyer, Paul J., assignor.)
- Western Union Telegraph Company, The. (See Blanton, William B., assignor.)
- Western Union Telegraph Company, The. (See Breyfogel, Albert W., assignor.)
- Western Union Telegraph Company, The. (See Buckingham, William D., assignor.)
- Western Union Telegraph Company, The. (See Chulstrom, John M., assignor.)
- Western Union Telegraph Company, The. (See Creedon, Michael V., assignor.)
- Western Union Telegraph Company, The. (See Curtin, Leo P., assignor.)
- Western Union Telegraph Company. (See Curtin, L. P., and Kline, assignors.)
- Western Union Telegraph Company, The. (See Dickey, Albert W., assignor.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Kimball, assignors.)
- Western Union Telegraph Company, The. (See Dirkes, R. F., and Wheeler, assignors.)
- Western Union Telegraph Company, The. (See Estes, Phillip H., assignor.)
- Western Union Telegraph Company, The. (See Franklin, L. W., and Maus, assignors.)
- Western Union Telegraph Company, The. (See Griffith, F., and Van Arsdale, assignors.)
- Western Union Telegraph Company, The. (See Haglund, Hakon H., assignor.)
- Western Union Telegraph Company. (See Haglund, Hakon H., assignor.)
- Western Union Telegraph Company, The. (See Hewitt, E. W., and Rothermel, assignors.)
- Western Union Telegraph Company, The. (See Hicks, R. M., Leroy, and Collings, assignors.)
- Western Union Telegraph Company, The. (See Janson, George W., assignor.)
- Western Union Telegraph Company, The. (See Janson, G. W., and Callahan, assignors.)
- Western Union Telegraph Company, The. (See Kimball, Vernon R., assignor.)
- Western Union Telegraph Company, The. (See Life, Harold G., assignor.)
- Western Union Telegraph Company, The. (See Long, J. W., and Collings, assignors.)
- Western Union Telegraph Company, The. (See Long, J. W., and Steeneck, assignors.)
- Western Union Telegraph Company, The. (See Milnor, Joseph W., assignor.)
- Western Union Telegraph Company, The. (See Morgenstern, R. V., and Hackenberg, assignors.)
- Western Union Telegraph Company, The. (See Myer, P. L., and Steeneck, assignors.)
- Western Union Telegraph Company, The. (See Noxon, Paul A., assignor.)
- Western Union Telegraph Company, The. (See Pierson, Oscar E., assignor.)
- Western Union Telegraph Company. (See Plaustics, Alexander, assignor.)
- Western Union Telegraph Company, The. (See Pollard, Leon G., assignor.)
- Western Union Telegraph Company, The. (See Rothermel, Samuel W., assignor.)
- Western Union Telegraph Company, The. (See Smith, Maurice B., assignor.)
- Western Union Telegraph Company, The. (See Ward, Harley M., assignor.)
- Western Union Telegraph Company, The. (See Wilder, Harold F., assignor.)
- Western Union Telegraph Company, The. (See Wise, Raleigh J., assignor.)
- Western Union Telegraph Company, The. (See Wright, Walter J., assignor.)
- Western Venetian Blind Co. (See Cooper, Jesse E., assignor.)
- Western Venetian Blind Co. (See Ruby, W. H., and Cooper, assignors.)
- Western Wheeled Scraper Company. (See Burner, William L., assignor.)
- Western Wire & Iron Works, Inc. (See Martinek, Michael, assignor.)
- Westervelt, H. B. (See Nelson, Howard R., assignor.)
- Westfall, Theodore D. (See Johnson, L. P., and Westfall, and Fischer.)
- Westfield Manufacturing Company. (See Clark, George W., assignor.)
- Westfield Manufacturing Company. (See Fogarty, Charles J.)
- Westfield River Paper Company. (See Coe, Kathleen, assignor.)
- Westgaard, Levi, Seattle, Wash. Paper bag holder, 1,899,376; Feb. 28.
- Westgate, Ralph S., Bloomfield, N. J., assignor to Globe Collapsible Tube Corporation, Brooklyn, N. Y. Collapsible tube machine. 1,934,287; Nov. 7.
- Westin, Charles J. (See Sleeper, O. S., and Westin.)
- Westinghouse Air Brake Company, The. (See Bird, George, assignor.)
- Westinghouse Air Brake Company. (See Cotter, George L., assignor.)
- Westinghouse Air Brake Company, The. (See Daux, Gaston, assignor.)
- Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
- Westinghouse Air Brake Company. (See Dormoy, Jules M. J., assignor.)
- Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
- Westinghouse Air Brake Company. (See Down, S. G., and Farmer, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
- Westinghouse Air Brake Company, The. (See Fitch, Elery R., assignor.)
- Westinghouse Air Brake Company, The. (See Fralich, J. S. Y., and Farmer, assignors.)
- Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, E. E., and Masterman, assignors.)
- Westinghouse Air Brake Company, The. (See Hume, John, assignor.)
- Westinghouse Air Brake Company. (See Kelley, Cecil S., assignor.)
- Westinghouse Air Brake Company. (See Kusebauch, Anton K., assignor.)
- Westinghouse Air Brake Company, The. (See Le Clair, L. J., and Brackenbury, assignors.)
- Westinghouse Air Brake Company, The. (See Lewis, L. V., and Cook, assignors.)
- Westinghouse Air Brake Company, The. (See Livingston, Fremont P., assignor.)
- Westinghouse Air Brake Company. (See Lobez, P. L., and Vorech, assignors.)
- Westinghouse Air Brake Company, The. (See Lynn, Ewing K., assignor.)
- Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
- Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
- Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
- Westinghouse Air Brake Company, The. (See Neveu, Anselme, assignor.)
- Westinghouse Air Brake Company. (See Newell, George K., assignor.)
- Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)
- Westinghouse Air Brake Company, The. (See Stewart, C. D., and Hughes, assignors.)
- Westinghouse Air Brake Company, The. (See Thomas, Frank B., assignor.)
- Westinghouse Air Brake Company, The. (See Thomas, Frederick S., assignor.)
- Westinghouse Air Brake Company, The. (See Thomas, Thomas H.)
- Westinghouse Air Brake Company, The. (See Thompson, Benjamin H., assignor.)
- Westinghouse Air Brake Company, The. (See Whitaker, Uncas A., assignor.)
- Westinghouse Air Brake Company, The. (See Woernley, Harry F., assignor.)
- Westinghouse Air Brake Company, The. (See Work, Edgar A., assignor.)
- Westinghouse Air Brake Company, The. (See Yancey, Perry E., assignor.)
- Westinghouse Electric Elevator Company. (See Baldwin, Edward N., assignor.)
- Westinghouse Electric Elevator Company. (See Brannon, Herbert E., assignor.)
- Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
- Westinghouse Electric Elevator Company. (See Ellis, Charles E., jr., assignor.)
- Westinghouse Electric Elevator Company. (See Ellis, C. E., jr., and McCormick, assignors.)
- Westinghouse Electric Elevator Company. (See Hearn, George K., assignor.)
- Westinghouse Electric Elevator Company. (See Kinnard, Luther J., assignor.)
- Westinghouse Electric Elevator Company. (See McCormick, Harold V., assignor.)
- Westinghouse Electric Elevator Company. (See Norton, Harry R., assignor.)
- Westinghouse Electric Elevator Company. (See Wallis, Charles G., assignor.)
- Westinghouse Electric Elevator Company. (See White, K. M., and Kinnard, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)

Westinghouse Electric and Manufacturing Company. (See Aalborg, C., and Conrad, assignors.)	Westinghouse Electric & Manufacturing Company. (See Claytor, Edward M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, Arnold O., assignor.)	Westinghouse Electric & Manufacturing Company. (See Cody, Clifford S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, Clare, assignor.)	Westinghouse Electric & Manufacturing Company. (See Coleman, John B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Anderson, C., and Lewis, assignors.)	Westinghouse Electric & Manufacturing Company. (See Conant, David J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Andrew, Victor J., assignor.)	Westinghouse Electric and Manufacturing Company. (See Conant, D. J., and Frank, assignors.)
Westinghouse Electric & Manufacturing Company. (See Armstrong, George C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Conn, Robert W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
Westinghouse Electric and Manufacturing Company. (See Arnold, E. E., and James, assignors.)	Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)	Westinghouse Electric and Manufacturing Company. (See Cook, W. G., and James, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ashbaugh, J. H., and Geiselman, assignors.)	Westinghouse Electric & Manufacturing Company. (See Corey, Flournoy, assignor.)
Westinghouse Electric & Manufacturing Company. (See Atherton, Alfred L., assignor.)	Westinghouse Electric & Manufacturing Company. (See Corey, F., and Thompson, assignors.)
Westinghouse Electric and Manufacturing Company. (See Austin, B. D., Wilby, and Brooks, assignors.)	Westinghouse Electric and Manufacturing Company. (See Cowin, S. H., and Hibbard, assignors.)
Westinghouse Electric and Manufacturing Company. (See Austin, B. O., and Wilby, assignors.)	Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)	Westinghouse Electric & Manufacturing Company. (See Crago, Alan C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)	Westinghouse Electric & Manufacturing Company. (See Crichton, Leslie N., assignor.)
Westinghouse Electric and Manufacturing Company. (See Baker, B. P., and Brainard, assignors.)	Westinghouse Electric & Manufacturing Company. (See Currie, Gilbert, assignor.)
Westinghouse Electric and Manufacturing Company. (See Baker, R. M., and Smede, assignors.)	Westinghouse Electric & Manufacturing Company. (See Davis, Robert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)	Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)	Westinghouse Electric & Manufacturing Company. (See De Camp, Renan, assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnholdt, Harold L., assignor.)	Westinghouse Electric & Manufacturing Company. (See Deuser, R., and Thewalt, assignors.)
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)	Westinghouse Electric & Manufacturing Company. (See Diamond, Hymen, assignor.)
Westinghouse Electric & Manufacturing Company. (See Barton, James P., assignor.)	Westinghouse Electric & Manufacturing Company. (See Dickinson, Robert C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bates, Harry H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Dohner, Donald R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bauer, Friedrich, assignor.)	Westinghouse Electric & Manufacturing Company. (See Dovjilov, Alexander D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bauman, John J., assignor.)	Westinghouse Electric & Manufacturing Company. (See Drake, Chester W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)	Westinghouse Electric and Manufacturing Company. (See Dulme, Emil, assignor.)
Westinghouse Electric & Manufacturing Company. (See Beers, George L., assignor.)	Westinghouse Electric & Manufacturing Company. (See Dunlop, James, assignor.)
Westinghouse Electric and Manufacturing Company. (See Beers, G. L., and Barden, assignors.)	Westinghouse Electric & Manufacturing Company. (See Dyer, Lloyd W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bellaschi, Peter L., assignor.)	Westinghouse Electric and Manufacturing Company. (See Dyer, L. W., and Leeds, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bergvall, Royal C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bletz, Edward, assignor.)	Westinghouse Electric & Manufacturing Company. (See Eames, W. F., and Harding, assignors.)
Westinghouse Electric & Manufacturing Company. (See Boddie, Clarence A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Eaton, George M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bollinger, P., and Hartman, assignors.)	Westinghouse Electric & Manufacturing Company. (See Eisinger, Rudolph J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Booth, James D., assignor.)	Westinghouse Electric & Manufacturing Company. (See Elbert, Robert S., jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bouton, Edgar M., assignor.)	Westinghouse Electric & Manufacturing Company. (See Ellington, William M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Ellis, Charles E., jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)	Westinghouse Electric & Manufacturing Company. (See Ellis, Walter R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brainard, Maurice W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Erickson, Ellis O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Eschholz, Otto H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Breisky, John V., assignor.)	Westinghouse Electric & Manufacturing Company. (See Estorff, Walther, assignor.)
Westinghouse Electric and Manufacturing Company. (See Breisky, J. V., and Draper, assignors.)	Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, Roy L., assignor.)	Westinghouse Electric and Manufacturing Company. (See Evans, R. D., Fortescue, Crichton, MacNeill, Griscom, and Wagner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bryant, Ozro N., assignor.)	Westinghouse Electric & Manufacturing Company. (See Falck, K., and Goodale, assignors.)
Westinghouse Electric & Manufacturing Company. (See Burr, Gordon A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Fechheimer, Carl J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Campbell, W. H., Ellsworth, and Madsen, assignors.)	Westinghouse Electric & Manufacturing Company. (See Forbes, Allan D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Carlisle, R. W., and Nye, assignors.)	Westinghouse Electric & Manufacturing Company. (See Forbes, Henry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Carpenter, David E., assignor.)	Westinghouse Electric and Manufacturing Company. (See Forescue, C. Le G., and Evans, assignors.)
Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Foresman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clark, Earl K., assignor.)	Westinghouse Electric & Manufacturing Company. (See Forshee, Frank F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clark, George D., assignor.)	Westinghouse Electric & Manufacturing Company. (See Forsthoefel, Gregg F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clarke, John A., jr., assignor.)	Westinghouse Electric & Manufacturing Company. (See Frank, Leo C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clarkin, John P., assignor.)	Westinghouse Electric and Manufacturing Company. (See Freeman, H. M., and Wade, assignors.)
Westinghouse Electric & Manufacturing Company. (See Clay, Noble S., assignor.)	

- Westinghouse Electric & Manufacturing Company. (See Frey, Albert A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fuller, Bert F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Geiselman, Ralph A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See George, Robert B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gerdien, H., Jubitz, and Griler, assignors.)
- Westinghouse Electric and Manufacturing Company. (See Glenn, E. M., and Wiggins, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Goldfield, E. R., and Horsley, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Goldsborough, Shirley L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Golladay, L. R., and Hodgkins, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Görk, Eugen, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gorman, Lawrence J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Greibach, Emil H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Grisco, S. B., and Evans, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Grisco, S. B., and Wagner, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hadley, George F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hague, Floyd T., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Halfvarson, Gustaf A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harmon, Ralph N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harpster, Clyde C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hartman, Harry F.)
- Westinghouse Electric & Manufacturing Company. (See Hearn, G. K., Barton, and Eames, assignors.)
- Westinghouse Electric & Manufacturing Company. (See High, Jurjen S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Himes, Walter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hoard, Bert V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hodnette, John K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Horn, Charles W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Irion, Otto, assignor.)
- Westinghouse Electric and Manufacturing Company. (See Jablow, C., and Wheeler, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Jackson, Ray P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See James, Henry D., assignor.)
- Westinghouse Electric and Manufacturing Company. (See James, H. D., and Booger, assignors.)
- Westinghouse Electric & Manufacturing Company. (See James, H. D., and Currie, assignors.)
- Westinghouse Electric & Manufacturing Company. (See James, H. D., and Fish, assignors.)
- Westinghouse Electric & Manufacturing Company. (See James, H. D., and White, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Jarvis, Kenneth W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jenkins, Charles F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnston, Howard H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jungk, Herbert G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kahler, Herbert, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Karelitz, George B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kenah, Roland M., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Kesselring, F., Kaufmann, and Duffing, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kimmell, William J., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Kimmell, W. J., and Sutherland, assignors.)
- Westinghouse Electric & Manufacturing Company. (See King, G. E., McShane, Cooper, and Harding, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kintzing, Reese T., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knight, Ernest H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kopczynski, Theodor, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kraner, Hobart M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Krause, Charles E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Kruck, R. E., and Hochstetter, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kucher, Andrew A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See La Bar, Bert G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Labberton, John M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Laffoon, Carthrae M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Landon, Vernon D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Laport, Edmund A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leeds, Winthrop M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Legg, Joseph W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, Frank E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, William A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lindner, Arthur, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lindstrom, Ture, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lingal, Harry J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Little, D. G., and Deibaugh, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Loewe, Siegmund, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Long, Thomas H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lowry, Erwin F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Hellmund, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lyle, Frederick W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See MacGahan, Paul, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mangan, George B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marsteller, Lester O., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marthens, Arthur S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Martin, George F., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mason, Ruric C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mathias, David L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Matthews, George A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Matthews, William V., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Mattingly, H. W., and Eames, assignors.)
- Westinghouse Electric & Manufacturing Company. (See McCafferty, Robert H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McCarty, Roy A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McCormick, Harold V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)
- Westinghouse Electric & Manufacturing Company. (See McCullough, Frederick S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McShane, Pholan, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Meller, Karl, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mengele, Benno, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Metz, Henry I., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Meyer, Frank A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Miller, E. F., Lane, and Tuley, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Minkler, William A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Moreau, Albert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mossbhart, Donald J., assignor.)

Westinghouse Electric and Manufacturing Company. (See Mourmoutseff, I. E., and Rylsky, assignors.)	Westinghouse Electric & Manufacturing Company. (See Shand, Errol B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mylius, Walter G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Shirk, William B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Mylius, W. G., and La Bar, assignors.)	Westinghouse Electric and Manufacturing Company. (See Shirk, W. B., Brace, and Goin, assignors.)
Westinghouse Electric and Manufacturing Company. (See Mylius, W. G., Rutter, and Lewis, assignors.)	Westinghouse Electric & Manufacturing Company. (See Short, Ira, assignor.)
Westinghouse Electric & Manufacturing Company. (See Nelson, Paul H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Shoup, Allen A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nottage, Stanley G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Skaife, Arthur F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nycum, Homer C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Skillen, Jesse P., assignor.)
Westinghouse Electric and Manufacturing Company. (See Nycum, H. C., and Ashbaugh, assignors.)	Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Oglesbee, Wendell A., assignor.)	Westinghouse Electric and Manufacturing Company. (See Slepian, J., and Mason, assignors.)
Westinghouse Electric & Manufacturing Company. (See Opsahl, Alert M., assignor.)	Westinghouse Electric & Manufacturing Company. (See Smith, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Osborn, William O., assignor.)	Westinghouse Electric & Manufacturing Company. (See Smith, Raymond E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Ott, E. H., and Gudge, assignors.)	Westinghouse Electric & Manufacturing Company. (See Snyder, Franklin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ow, Joseph W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Packer, Lewis C., assignor.)	Westinghouse Electric & Manufacturing Company. (See Sparkes, Harry P., assignor.)
Westinghouse Electric and Manufacturing Company. (See Packer, L. C., and Kruck, assignors.)	Westinghouse Electric & Manufacturing Company. (See Staeger, Stephen A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parsons, John S., assignor.)	Westinghouse Electric and Manufacturing Company. (See Staples, Dana R. and E. I., assignors.)
Westinghouse Electric & Manufacturing Company. (See Peterson, Alfred J. A., assignor.)	Westinghouse Electric and Manufacturing Company. (See Steenbeck, M., and Berthold, assignors.)
Westinghouse Electric & Manufacturing Company. (See Philpott, Le Verne R., assignor.)	Westinghouse Electric & Manufacturing Company. (See Steinert, Emil, assignor.)
Westinghouse Electric & Manufacturing Company. (See Hierol, Robert J., assignor.)	Westinghouse Electric & Manufacturing Company. (See Stix, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Pontow, Werner, assignor.)	Westinghouse Electric & Manufacturing Company. (See Stogoff, Peter E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Potter, John A., assignor.)	Westinghouse Electric & Manufacturing Company. (See Stokes, Harold E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Putman, Henry V., assignor.)	Westinghouse Electric & Manufacturing Company. (See Stone, Morris, assignor.)
Westinghouse Electric & Manufacturing Company. (See Randall, Karl C., assignor.)	Westinghouse Electric and Manufacturing Company. (See Strigel, R., and Feldmann.)
Westinghouse Electric & Manufacturing Company. (See Read, Ernest K., assignor.)	Westinghouse Electric & Manufacturing Company. (See Styer, Charles A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reagan, Maurice E., assignor.)	Westinghouse Electric & Manufacturing Company. (See Sutherland, Lee, assignor.)
Westinghouse Electric & Manufacturing Company. (See Reavis, Andrew B., assignor.)	Westinghouse Electric & Manufacturing Company. (See Swezey, William F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reavis, A. B., and Isinger, assignors.)	Westinghouse Electric & Manufacturing Company. (See Tabb, Warner T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Renshaw, D. E., and Thomas, assignors.)	Westinghouse Electric & Manufacturing Company. (See Tarleton, Frederic L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reynolds, Ellwood W., assignor.)	Westinghouse Electric & Manufacturing Company. (See Terry, Matson C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rich, Malcolm N., assignor.)	Westinghouse Electric & Manufacturing Company. (See Thompson, Arthur W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rideout, Theodore R., assignor.)	Westinghouse Electric & Manufacturing Company. (See Tippet, Leonard S. C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roman, Walter G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Torok, Julius J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ross, Hugh G., assignor.)	Westinghouse Electric & Manufacturing Company. (See Van Sickle, Roswell C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roth, Albert, assignor.)	Westinghouse Electric & Manufacturing Company. (See Vaughan, Victor G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rowe, Orris F., assignor.)	Westinghouse Electric & Manufacturing Company. (See Vedder, E. H., and Erickson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Rüdenberg, Reinhold, assignor.)	Westinghouse Electric & Manufacturing Company. (See Vollmer, Paul L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rugg, Harold H., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wagner, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rylsky, Gregory V., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wagner, C. F., and Golladay, assignors.)
Westinghouse Electric and Manufacturing Company. (See Samuels, M. M., and Douglas, assignors.)	Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)	Westinghouse Electric & Manufacturing Company. (See Weber, Henry C. P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Santini, Danilo, assignor.)	Westinghouse Electric & Manufacturing Company. (See Wensley, Roy J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sashoff, Stephan F., assignor.)	Westinghouse Electric & Manufacturing Company. (See Werner, Oscar, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)	Westinghouse Electric & Manufacturing Company. (See West, Frank R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaeichlin, Walter, assignor.)	Westinghouse Electric & Manufacturing Company. (See Westermann, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaeichlin, W., and Frisch, assignors.)	Westinghouse Electric & Manufacturing Company. (See Wheeler, Brian, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schenkel, Moritz, assignor.)	Westinghouse Electric & Manufacturing Company. (See White, Harold E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)	Westinghouse Electric & Manufacturing Company. (See White, Kenneth M., assignor.)
Westinghouse Electric and Manufacturing Company. (See Schnell, D. S., and Fryer, assignors.)	Westinghouse Electric & Manufacturing Company. (See White, Thomas U., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schuck, R. W., and Brown, assignors.)	Westinghouse Electric & Manufacturing Company. (See Whittaker, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwendner, Anthony F., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wickerham, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)	Westinghouse Electric and Manufacturing Company. (See Williams, H. W., and Santini, assignors.)
Westinghouse Electric & Manufacturing Company. (See Shamberger, John P., assignor.)	Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)

- Westinghouse Electric & Manufacturing Company. (See Winkler, Frederic C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wood, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wright, William D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir K., assignor.)
- Westinghouse Electric and Manufacturing Company. (See Zworykin, V. K., and Elsey, assignors.)
- Westinghouse Lamp Company. (See Amatel, Harold, assignor.)
- Westinghouse Lamp Company. (See Conn, Robert W., assignor.)
- Westinghouse Lamp Company. (See Donohoe, James A., assignor.)
- Westinghouse Lamp Company. (See Driggs, Frank H., assignor.)
- Westinghouse Lamp Company. (See Driggs, F. H., and Lilliendahl, assignors.)
- Westinghouse Lamp Company. (See Du Mont, Allen B., assignor.)
- Westinghouse Lamp Company. (See Ehrke, Louis F., assignor.)
- Westinghouse Lamp Company. (See Fagan, James M., assignor.)
- Westinghouse Lamp Company. (See Ferguson, John E., assignor.)
- Westinghouse Lamp Company. (See Fredenburgh, Mark N., assignor.)
- Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
- Westinghouse Lamp Company. (See Hageman, A. M., and Lindstrom, assignors.)
- Westinghouse Lamp Company. (See Iredell, Charles V., assignor.)
- Westinghouse Lamp Company. (See Lederer, Ernest A., assignor.)
- Westinghouse Lamp Company. (See Lilliendahl, W. C., and Driggs, assignors.)
- Westinghouse Lamp Company. (See Lockwood, Lloyd D., assignor.)
- Westinghouse Lamp Company. (See Lorenz, Charles F., assignor.)
- Westinghouse Lamp Company. (See Makenny, William, assignor.)
- Westinghouse Lamp Company. (See Marden, John W., assignor.)
- Westinghouse Lamp Company. (See Marden, J. W., and Lederer, assignors.)
- Westinghouse Lamp Company. (See Marden, J. W., and Rentschler, assignors.)
- Westinghouse Lamp Company. (See Moran, William G., assignor.)
- Westinghouse Lamp Company. (See Morrison, Montford, assignor.)
- Westinghouse Lamp Company. (See Nicolai, C. A., and Lindegaard, assignors.)
- Westinghouse Lamp Company. (See O'Neill, George D., assignor.)
- Westinghouse Lamp Company. (See O'Neill, Henry T., assignor.)
- Westinghouse Lamp Company. (See Palm, Hugo, assignor.)
- Westinghouse Lamp Company. (See Pliskker, Herbert E., assignor.)
- Westinghouse Lamp Company. (See Rentschler, Harvey C., assignor.)
- Westinghouse Lamp Company. (See Rentschler, H. C., and Henry, assignors.)
- Westinghouse Lamp Company. (See Richardson, Henry K., assignor.)
- Westinghouse Lamp Company. (See Sinden, Roger H., assignor.)
- Westinghouse Lamp Company. (See Slack, Charles M., assignor.)
- Westinghouse Lamp Company. (See Stewart, Nelson H., assignor.)
- Westinghouse Lamp Company. (See Thomas, Charles H., assignor.)
- Westinghouse Lamp Company. (See Ulrey, Clayton T., assignor.)
- Westinghouse Lamp Company. (See Wadsten, Sten, assignor.)
- Westinghouse Lamp Company. (See Wahlberg, John, assignor.)
- Westinghouse X-Ray Company. (See Morrison, Montford, assignor.)
- Westinghouse X-Ray Company. (See Morrison, M., and Lundquist, assignors.)
- Westinghouse X-Ray Company Inc. (See Nelson, Albert C., assignor.)
- Westlin, Carl T., Cornwall, assignor to Otis Elevator Company, New York, N. Y. Elevator door sill protective device. 1,912,557; June 6.
- Westling, Carl J., Chicago, Ill. Valve. 1,922,064; Aug. 15.
- Westling, William, Minneapolis, Minn. Float for casting lines. 1,918,507; July 18.
- Westlund, Albert F., and S. D. Murphy, assignors to Elmer W. Stout, Indianapolis, Ind. Stenotype machine. 1,933,833; Nov. 7.
- Westman, Le Roy A., et al. (See Appel, Daniel, assignor.)
- Weston, Edward B., deceased, Dayton, Ohio; W. B. Turner and W. G. Clark, executors. Divider. 1,912,505; June 6.
- Weston, Edward B., deceased, Dayton, Ohio; Wellmore B. Turner and W. G. Clark, executors. Display rack. 1,917,564; July 11.
- Weston, Edward B., Dayton, Ohio, deceased, W. B. Turner and W. G. Clark, executors. Shoe rack. 1,927,997; Sept. 26.
- Weston, Edward F., assignor to Western Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 1,895,114; Jan. 24.
- Weston, Edward F., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 1,926,640; Sept. 12.
- Weston, Edward F., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Magneto. 1,937,677; Dec. 5.
- Weston Electrical Instrument Corporation. (See Carpenter, Grant, assignor.)
- Weston Electrical Instrument Corporation. (See Corson, Michael G., assignor.)
- Weston Electrical Instrument Corporation. (See Goodwin, William N., Jr., assignor.)
- Weston Electrical Instrument Corporation. (See Lederer, K. M., and Lamb, assignors.)
- Weston Electrical Instrument Corporation. (See Roman, Burchard P., assignor.)
- Weston Electrical Instrument Corporation. (See Weston, Edward F., assignor.)
- Weston, Frank J. (See Primeau, C. E., and Weston.)
- Weston, Milton T., New York, N. Y. Variable speed drive. 1,909,792; May 16.
- Weston Paper and Manufacturing Co. (See Brecht, George F., assignor.)
- Weston, Paul E. (See Scott, N. D., and Weston.)
- Weston, Roger D. (See Spanel, A. N., Weston, and Bitner.)
- Weston, Stuart R., Marcy, N. Y. Viola. Pl. Pt. 83; Nov. 28.
- Weston, William E., Kansas City, Mo. Heating and drying apparatus. 1,902,927; Mar. 28.
- Weston, William S., Dallas, Tex. Adjustable curve ruler. 1,893,689; Jan. 10.
- Weston, William S., Dallas, Tex. Adjustable curved ruler. 1,893,690; Jan. 10.
- Westover, Leslie E., Denver, Colo. Electric sign flasher. 1,925,889; Sept. 5.
- Westphal, Paul A., Los Angeles, Calif. Fluid container. 1,936,219; Nov. 21.
- Westphal, William, Los Angeles, Calif. Seat construction for furniture. 1,926,357; Sept. 12.
- Westphal, William C., Cleveland Heights, Ohio. Sign or article of a similar nature. Des. 90,826; Oct. 3.
- West's Gas Improvement Company. (See West, Ernest, assignor.)
- West's Gas Improvement Company. (See West, Frederick J. and E., assignors.)
- West Side Radio Laboratories, Inc. (See Roberts, Julian C., assignor.)
- Westvaco Chlorine Products, Inc. (See Pitman, Arthur L., assignor.)
- West Virginia Armature Co. (See Phelps, Arthur F., assignor.)
- West Virginia Rall Company, The. (See Diehl, Herman H., assignor.)
- Westwood, Carridon G., Chicago, Ill. Ironing machine. 1,941,131; Dec. 26.
- Wetherald, Joseph S. (See Keenan, W. F., Jr., and Wetherald.)
- Wetherall, Lucian F., assignor of one-half to S. Brownstein, Huntington, W. Va. Combination heating and cooling device for automobiles. 1,922,788; Aug. 15.
- Wetherbee, Ashur U., Evanston, assignor to Autogas Corporation, Chicago, Ill. Gas burner. 1,898,799; Feb. 21.
- Wetherbee, Ashur U., Evanston, assignor to Autogas Corporation, Chicago, Ill. Combustion chamber. 1,919,285; July 25.
- Wetherbee, Harry L. (See Grilli, J. P., and Wetherbee.)
- Wetherell, Mary E., Roxbury, Mass. Identification card holder. Des. 90,040; May 30.
- Wetherill-Morris Engineering Company. (See Morris, A. W., and Wetherill, assignors.)
- Wetherill, Samuel P., Jr. (See Morris, A. W., and Wetherill.)
- Wetmore, Earnest M., Tonkawa, Okla. Grinder for hay, fodder, grain, and the like. 1,925,618; Sept. 5.
- Wetmore, Isabelle R. (See Wetmore, Weldon A., assignor.)
- Wetmore, Weldon A., assignor to I. R. Wetmore, Richmond, Va. Drainage system. 1,927,881; Sept. 26.
- Wetta, William, sr., assignor to The Kroger Grocery & Baking Co., Cincinnati, Ohio. Collapsible freezer box for meats. 1,936,814; Nov. 28.
- Wettengel, George A., St. Louis, Mo. Automobile theft device. 1,903,584; Apr. 11.
- Wetterstad, Bjorne C., Evanston, assignor to Fairbanks, Morse & Co., Chicago, Ill. Hoisting apparatus. 1,928,772; Oct. 3.
- Wetterwald, Walter A. (See Haubensak, W., and Wetterwald.)
- Wettig, Theodore A. (See Meier, C., and Wettig.)
- Wettlaufer, Jules L., Belmont, Mass. Manufacturing roofing. 1,928,274; Sept. 26.
- Wettlaufer, Jules L., Belmont, Mass. Apparatus for surfacing roofing. 1,928,275; Sept. 26.

- Wettlaufer, Jules L., Belmont, assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Strip shingle. 1,894,614; Jan. 17.
- Wettlaufer, Jules L., Belmont, assignor, by mesne assignments, to The Patent and Licensing Corporation, Boston, Mass. Strip shingle. 1,894,615; Jan. 17.
- Wettlaufer, William L., Buffalo, N. Y. Shaking screen. 1,914,226; June 13.
- Wettstein, Walter, Monthey, assignor to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Obtaining concentrated sulphur dioxide. 1,893,385; Jan. 3.
- Wetzel, Guy F., Chicago, Ill. Door. 1,919,266; July 25.
- Wetzel, Joseph H., Trenton, N. J. Aircraft. 1,919,142; July 18.
- Wetzel, Kurt. (See Rowland, D. H., and Wetzel.)
- Wetzel, Peter A., Springfield, Ill. File cabinet drawer. 1,936,867; Nov. 28.
- Wetzell, Clare A., Sterling, Ill. Top. 1,907,419; May 2.
- Wetzell, Clare A., assignor to Hustler Toy Corporation, Sterling, Ill. Toy. Des. 91,226; Dec. 19.
- Wetzell, Clare A., assignor to Hustler Toy Corporation, Sterling, Ill. Toy. Des. 91,227; Dec. 19.
- Wexberg, Harold M., Chicago, Ill. Menu card or similar article. Des. 90,349; July 18.
- Wexler, Meyer, Carteret, assignor to Foster Wheeler Corporation, New York, N. Y. Refrigeration. 1,904,590; Apr. 18.
- Wey, Raymond C., Louisville, Ohio. Dual control for automatic electric ranges. 1,936,464; Nov. 21.
- Weyandt, Carl S., Pittsburgh, Pa. System of rectification. 1,909,737; May 16.
- Weybrecht, Cyril A., Euclid Village, and E. R. Parker, East Cleveland, assignors to Una Welding & Bonding Company, Cleveland, Ohio. Electrode coating apparatus. 1,930,446; Oct. 10.
- Weyerbacher, Ralph D., U. S. Navy. Airplane construction and fabricating the same. 1,932,430; Oct. 31.
- Weyerbacher, Ralph D., U. S. Navy. Form for making aircraft fuselages. 1,940,830; Dec. 26.
- Weythausen Timber Company. (See Onstad, Albert H., assignor.)
- Weyers, Theodorius J. (See Posthumus, K., and Weyers.)
- Weyerts, Walter J. (See Hickman, K. C. D., and Weyerts.)
- Weyerts, Walter J., and K. C. D. Hickman, assignors to Eastman Kodak Company, Rochester, N. Y. Reclaiming film scrap with an alcoholic alkali solution. 1,921,960; Aug. 8.
- Weyland, Hermann. (See Laquer, F., and Weyland.)
- Weymouth, Harry G. (See Chrisman, H., and Weymouth.)
- Weymouth, Harry G. (See MacLean, A. D., and Weymouth.)
- Weymouth, Harry G., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Meter reverse control mechanism. 1,895,059; Jan. 24.
- Weymouth, Harry G., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Meter. 1,903,074; Mar. 28.
- Weymouth, Harry G., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Protective coupling for gas meters. 1,929,130; Oct. 3.
- Wezel, Walter P. (See Schmid, R. K., and Wezel.)
- Whalen, Edward J., assignor to Aluminum Company of America, Pittsburgh, Pa. Grinding machine. 1,921,714; Aug. 8.
- Whalen, James W., Elkhart, Ind. Pneumatic cleaner and eraser. 1,932,611; Oct. 31.
- Whalen, William H., Los Angeles, Calif. Track sprinkler. 1,926,076; Sept. 12.
- Whaley, Ralph S., Seattle, Wash., assignor to Petroleum Heat and Power Company, New York, N. Y. Electric motor structure. 1,914,390; June 20.
- Whaley, Ralph S., Seattle, Wash., assignor to Petroleum Heat and Power Company, New York, N. Y. Valve mechanism for oil burners. 1,928,442; Sept. 26.
- Whalley, William H., and A. M. Burton, Pittsburgh, Pa. Table or chair. 1,941,333; Dec. 26.
- Wharam, John J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Electric horn button. 1,908,803; May 16.
- Wharton, Charles H., Seattle, Wash. Denture. 1,924,265; Aug. 29.
- Wharton, Edward R., Medford, Mass. Lubricating device for bearings. 1,921,556; Aug. 8.
- Wharton, George C., assignor to Ames Baldwin Wyoming Shovel Co., Parkersburg, W. Va. Shovel and similar structure. 1,923,467; Aug. 22.
- Wharton, John W. (See Wiley, L. M., and Wharton.)
- Wharton, William B., et al. (See Barnhart, G. E., and Pfaff, assignors.)
- Wharton, William, Jr. & Company. (See Minor, John C., assignor.)
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage. 1,918,310; July 18.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Luggage. 1,919,082; July 18.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Luggage. 1,921,110; Aug. 8.
- Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Trunk. 1,922,065; Aug. 15.
- Wheary, George H., and B. M. Hamlin, assignors to Wheary Trunk Company, Racine, Wis. Hand luggage. 1,896,761; Feb. 7.
- Wheary, George H., and B. M. Hamlin, assignors to Wheary Trunk Company, Racine, Wis. Hand luggage. 1,919,083; July 18.
- Wheary Trunk Company. (See Wheary, George H., assignor.)
- Wheary Trunk Company. (See Wheary, G. H., and Hamlin, assignors.)
- Wheat Chips Incorporated. (See Fike, Charles W., assignor.)
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Portable electric lamp. 1,905,774; Apr. 25.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Storage battery. 1,909,325; May 16.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Mine lamp. 1,918,223; July 11.
- Wheat, Lloyd G., Montrose, S. Dak. Piston ring applier. 1,910,729; May 23.
- Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Internal emergency shut-off valve for tanks and actuating means therefor. 1,918,728; July 18.
- Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
- Wheaton, Ezra A. (See Bedell, L. D., and Wheaton.)
- Whedon, Le Grand S. (See Grinnell, Albert A., assignor.)
- Wheeland, Charles G., Los Angeles, Calif. Ice making tray. 1,909,030; May 16.
- Wheelbarger, Albert S. (See Ohmer, J. F., and Wheelbarger.)
- Wheelbarger, Albert S., and G. C. Coll, assignors to Ohmer Fare Register Company, Dayton, Ohio. Full stroke mechanism. 1,899,250; Feb. 28.
- Wheeler, Albert M., Catlettsburg, Ky. Blade sharpener. 1,903,651; Apr. 11.
- Wheeler, Arthur L., Cleveland, assignor of one-half to S. E. Rodgers, Liberty County, Tex. Carpenter's tool. 1,925,708; Sept. 5.
- Wheeler, Bradley P., Buffalo, and W. G. Smith, Wanakah, N. Y. Fire brick for checker work regenerators. 1,895,302; Jan. 24.
- Wheeler, Brian. (See Jablow, C., and Wheeler.)
- Wheeler, Brian, assignor to Westinghouse Electric & Manufacturing Company, Wilkensburg, Pa. Balanced-yoke drive for locomotives. 1,929,663; Oct. 10.
- Wheeler, C. H., Manufacturing Company. (See Bennett, Clement K., assignor.)
- Wheeler, David B., Washington, D. C. Measure and advertising medium. 1,931,213; Oct. 17.
- Wheeler, Edward, Aldwyck, London, England, assignor to American Engineering Company Philadelphia Pa. Marine stoker installation. 1,926,707; Sept. 12.
- Wheeler, Elizabeth. (See Wheeler, Harley T., assignor.)
- Wheeler, Evan R. (See Dirkes, R. F., and Wheeler, assignors.)
- Wheeler, Floyd J., Long Beach, and B. S. Minor, San Pedro, Calif. Landing oil well casings. 1,898,649; Feb. 21.
- Wheeler, Francis L., executor. (See Wheeler, James, and F. L.)
- Wheeler, Frank G., and H. H. Heller, Appleton, assignors to Bleach Process Company, Neenah, Wis. Cell feed. 1,924,822; Aug. 29.
- Wheeler, Harley T., assignor to E. Wheeler, Dallas, Tex. Calibrated nonreversible pump. 1,913,062; June 6.
- Wheeler, Harley T., assignor to E. Wheeler, Dallas, Tex. Adjustable positive-measuring pump. 1,917,678; July 11.
- Wheeler, Harley T., Dallas, Tex. Helical accordion packing ring. 1,932,809; Oct. 31.
- Wheeler, Harold A., Jackson Heights, N. Y., assignor to Hazeltine Corporation. Electric coupling circuits. 1,895,091; Jan. 24.
- Wheeler, Harold A., Washington, D. C., assignor to Hazeltine Corporation, Jersey City, N. J. Eliminating capacitive coupling. 1,896,500; Feb. 7.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Low frequency amplifier. 1,904,185; Apr. 18.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Coupling system. 1,907,916; May 9.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Electric coupling circuits. 1,910,870; May 23.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Electric coupling circuits. 1,913,693; June 13.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 1,927,672; Sept. 19.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Current control. 1,930,784; Oct. 17.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Oscillator-modulator circuit. 1,931,338; Oct. 17.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Coupling circuit control. 1,931,596; Oct. 24.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Double band receiver. 1,933,402; Oct. 31.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar enveloping machine. 1,899,174; Feb. 28.

- Wheeler, Henry J. (See Sells, O. S. and Wheeler.)
 Wheeler, Henry L., Jr., executor. (See Alexander, H. H., and Carroll.)
 Wheeler, Holman K., Newton Center, Mass., assignor to Mechanical Transfer Car Corporation, St. Johnsbury, Vt. Parking cars in garages. 1,898,107; Feb. 21.
 Wheeler, Holman K., Newton Center, Mass., assignor to Mechanical Transfer Car Corporation, St. Johnsbury, Vt. Storing motor vehicles. 1,939,637; Dec. 12.
 Wheeler, James, deceased, and F. L. Wheeler, Natick, Mass., F. L. Wheeler executor. Crysanthemum. Pl. Pt. 64; May 2.
 Wheeler, Jesse, Long Beach, assignor of one-half to Lang Transportation Company, Vernon, Calif. Carburetor for internal combustion engines. 1,923,180; Aug. 22.
 Wheeler, Karl V., and L. P. Bensing, assignors to Lebanon Steel Foundry, Lebanon, Pa. Manufacture of die blocks and the like. 1,929,909; Oct. 10.
 Wheeler, Leonard H., assignor to Stewart-Warner Corporation, Chicago, Ill. Depth gauge and pump. 1,897,876; Feb. 14.
 Wheeler, Lloyd G., York, assignor to B. M. Root Co., York, Pa. Hydraulic machine tool feed. 1,931,452; Oct. 17.
 Wheeler, Marion B., Raleigh, N. C. Device for testing the viscosity of liquids. 1,924,969; Aug. 29.
 Wheeler, Phillip R. (See Ericson, G. R., and Wheeler.)
 Wheeler Reflector Company. (See Buxton, Paul W., assignor.)
 Wheeler Reflector Company. (See Sawin, Kenneth A., assignor.)
 Wheeler, Seth, Jr., Albany, N. Y., assignor to A. P. W. Paper Co. Towel cabinet. 1,898,983; Feb. 21.
 Wheeler, Seth, Jr., assignor to A. P. W. Paper Co., Albany, N. Y. Dispensing cabinet. 1,910,076; May 23.
 Wheeler, Sylvester L., Wauwatosa, assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor structure. 1,932,810; Oct. 31.
 Wheeler, Tarrell E., assignor to W. D. Wheeler, Baldwin, Miss. Game apparatus. 1,914,316; June 13.
 Wheeler, Thomas S., Northwich, assignor to Imperial Chemical Industries Limited, London, England. Producing hydrogen cyanide. 1,934,610; Nov. 7.
 Wheeler, Thomas S., and W. Francis, Northwich, England, assignors to Imperial Chemical Industries Limited. Producing benzene and carbon disulphide. 1,907,274; May 2.
 Wheeler, Thomas S., and J. Mason, Northwich, England, assignors to Imperial Chemical Industries Limited. Production of chlorinated hydrocarbons. 1,918,624; July 18.
 Wheeler, Vernon L., Sault Ste. Marie, Mich. Diestock. 1,902,909; Mar. 28.
 Wheeler, Walter H., Jr., and J. W. Ogden, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Preventing taking of fraudulent impressions from postage meter machines. 1,904,638; Apr. 18.
 Wheeler, Walter H., Jr., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Rotary hand canceler. 1,909,326; May 16.
 Wheeler, William, Brooklyn, N. Y. Record core. 1,932,057; Oct. 24.
 Wheeler, William L., Los Angeles, Calif. Water sled or surf board. 1,918,508; July 18.
 Wheeler, Winnie D. (See Wheeler, Tarrell E., assignor.)
 Wheeling Bronze Casting Company. (See Braddock, William J., assignor.)
 Wheeling Corrugating Company. (See Nesbitt, William H., assignor.)
 Wheeling Stamping Company. (See Paull, A. W., and McGinniss, assignors.)
 Wheeling Steel Corporation. (See Bedell, Carl E., assignor.)
 Wheeling Steel Corporation. (See Kielberg, Henry, assignor.)
 Wheeling Steel Corporation. (See Kielberg, H., and Parker, assignors.)
 Wheeling Steel Corporation. (See Monson, Heimer W., assignor.)
 Wheeling Steel Corporation. (See Rollason, Charles H., assignor.)
 Whelan, James W., Washington, D. C. Toy windwheel. Des. 89,473; Mar. 14.
 Whelan, Joseph A., Greenwich, Conn. Mortar box. 1,903,347; Apr. 4.
 Wheelchel, Rupert C., assignor to Delco-Remy Corporation, Anderson, Ind. Armature test machine. 1,906,030; Apr. 25.
 Wheldon, George H. (See Hentschell, C. J. V., and Wheldon.)
 Wheelless, Enkin L., Shreveport, La. Apparatus for flowing wells. 1,931,214; Oct. 17.
 Whelton, John M. (See Pym, H. S., and Whelton.)
 Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,913,421; June 13.
 Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for effecting relative movement of shoes and lasts. 1,935,868; Nov. 21.
 Whessoe Foundry and Engineering Company, The. (See Lucas, Owen D., assignor.)
 Whewell, Robert. (See Bauer, A., Jr., and Whewell.)
 Whipple, Melvin M., Berwyn, assignor of one-half to G. B. Bosco, Chicago, Ill. Spacer and tie rod remover. 1,932,540; Oct. 31.
 Whirdry Corporation, The. (See Dunham, George W., assignor.)
 Whisler, Ralph H. (See Baits, S. G., and Whisler.)
 Whistler, Lawrence V., Kenmore, assignor to S. B. Whistler & Sons, Inc., Buffalo, N. Y. Die and punch mounting. 1,939,478; Dec. 12.
 Whistler, S. B., & Sons, Inc. (See Whistler, Lawrence V., assignor.)
 Whitacre, Donald D., Waynesburg, Ohio. Building block and wall construction. 1,915,111; June 20.
 Whitacre, Donald D., Waynesburg, Ohio. Building construction. 1,938,161; Dec. 5.
 Whitaker, Alfred, West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound recording system. 1,900,679; Mar. 7.
 Whitaker, Alfred, West Drayton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light controlling, method and means. 1,921,852; Aug. 8.
 Whitaker, Alfred, West Drayton, England, assignor to Victor Talking Machine Company. Talking machine. 1,923,559; Aug. 22.
 Whitaker, Alfred, West Drayton, and A. M. Hallawell, Wallington, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Preparation of sound records for reproduction in combination with moving pictures. 1,921,853; Aug. 8.
 Whitaker, Frank P., Rugby, England, assignor to General Electric Company. Arc discharge device. 1,894,806; Jan. 17.
 Whitaker, John A., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand distributor. 1,929,940; Oct. 10.
 Whitaker, Joseph P. (See Fielding, John, assignor.)
 Whitaker, Louis P., New York, N. Y., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Making heat exchangers. 1,896,501; Feb. 7.
 Whitaker, Louis P., New York, N. Y., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Heat exchanger. 1,896,502; Feb. 7.
 Whitaker, Louis P., New York, N. Y., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Making heat exchangers. 1,902,349; Mar. 21.
 Whitaker, Louis P., New York, N. Y., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Heat exchanger. 1,902,350; Mar. 21.
 Whitaker, Uncas A., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service brake device. 1,898,513; Feb. 21.
 Whitaker, Uncas A., Canton, Ohio, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 1,919,404; July 25.
 Whitaker, Uncas A., Canton, Ohio, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake pipe leakage compensator. 1,932,058; Oct. 24.
 Whitall-Tatum Company. (See Garrison, Fred W., assignor.)
 Whitcomb, Arthur J. (See Fox, G., and Whitcomb.)
 Whitcomb, Arthur J., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace charging system. 1,928,039; Sept. 26.
 Whitcomb, Arthur J., O. R. Rice, and O. C. Callow, assignors to Freyn Engineering Company, Chicago, Ill. Combined charging and indicating system. 1,917,478; July 11.
 Whitcomb, Harris M., assignor to Albany Hardware Specialty Manufacturing Company, Albany, Wis. Doorstop. 1,898,472; Feb. 21.
 Whitcomb, Henry F., Jr., Milwaukee, Wis., assignor to Richardson Ball Bearing Skate Company, Chicago, Ill. Roller skate. 1,921,018; Aug. 8.
 White, A. J., et al. (See Long, Wilber L., assignor.)
 White, Abraham, Boston, Mass., and P. K. Frolich, Elizabeth, N. J., assignors to Standard Oil Development Company. Purifying gases. 1,911,780; May 30.
 White, Alphonzo. (See Whitney, W. M., and White.)
 White, Arthur, Detroit, Mich. Doorcheck structure. 1,934,288; Nov. 7.
 White Automatic Gun Corporation. (See White, Joseph C., assignor.)
 White, Birdora H., Chicago, Ill., assignor to Parva Products Company, Hillsdale, Mich. Hose supporter. 1,921,851; Aug. 8.
 White, Blanche B. (See Moss, W. H., and White.)
 White Cap Company. (See White, William P., assignor.)
 White, Charles, San Francisco, Calif. Handling freight and apparatus therefor. 1,934,289; Nov. 7.
 White, Charles A., Toledo, Ohio. Safety valve. 1,892,921; Jan. 3.
 White, Charles E., deceased, by C. H. White and Peoples Savings Bank & Trust Co. of Moline joint executors, Moline, Ill.; said White assignor to Deere & Company. Agricultural implements. 1,895,432; Jan. 24.
 White, Charles G., assignor to Deere & Company, Moline, Ill. Check-wire anchor stake. 1,927,193; Sept. 19.
 White, Charles H., et al., executors. (See White, Charles E.)
 White, Charles H., Los Angeles, Calif. Bookholder and table. 1,899,404; Feb. 28.
 White, Charles H., assignor to Deere & Company, Moline, Ill. Middle burster. 1,905,022; Apr. 25.
 White, Charles H., assignor to Deere & Company, Moline, Ill. Combined planter and fertilizer distributor. 1,906,351; May 2.

- White, Charles H., assignor to Deere & Company, Moline, Ill. Marker. 1,911,218; May 30.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Wheel. 1,919,539; July 25.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Agricultural implement. 1,934,899; Nov. 14.
- White, Charles H., and F. T. Court, assignors to Deere & Company, Moline, Ill. Cultivator. 1,901,684; Mar. 14.
- White, Chesterfield, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Shipping package. 1,913,649; June 13.
- White, Clarence B., Philadelphia, Pa. Separating and recovering metals and alloys. 1,938,239; Dec. 5.
- White, Clarence B., Philadelphia, Pa. Mineral wool. 1,939,329; Dec. 12.
- White, Clarence B., Montclair, assignor to Vivatex Processes, Inc., Lodi, N. J. Textile material and dyeing the same. 1,914,059; June 13.
- White, Clarence H., Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Reel. 1,932,059; Oct. 24.
- White, Clarence J. (See Liebig, Joseph M., assignor.)
- White, Clarence J., Peoria, Ill. Floral rack. 1,907,917; May 9.
- White, Clarence J., Peoria, Ill. Floral rack. 1,907,918; May 9.
- White, Clarence L., Cuyahoga Falls, Ohio. Shoe sole. Des. 89,419; Mar. 7.
- White, Clarence W., assignor to H. C. White Company, North Bennington, Vt. Adjustable pillow for chairs. 1,935,685; Nov. 21.
- White, Clifford B., Elmira, assignor to American-La France and Foamite Corporation, New York, N. Y. Fire extinguisher. 1,939,287; Dec. 12.
- White, Eagle Oil and Refining Company. (See Marshall, F. C. and Burkhard, assignors.)
- White, Edward A., Lewiston, Idaho. Fruit treating mechanism. 1,931,565; Oct. 24.
- White, Edwin H., Worcester, Mass. Playing card. Des. 89,099; Jan. 24.
- White, Edwin H., Baltimore, Md. Plane covering fastener. 1,896,130; Feb. 7.
- White, Eli, Detroit, Mich. Magnetic induction machine. 1,937,213; Nov. 28.
- White, Ellis E., assignor to Pneumatic Tire Inflating Devices Corporation, Los Angeles, Calif. Automatic tire inflater for vehicles. 1,901,017; Mar. 14.
- White, Elmer L., Detroit, Mich. Signal light switch. 1,920,045; July 25.
- White, Ernest A., Belton, Tex. Internal combustion rotary motor. 1,901,787; Mar. 14.
- White, Ernest C., Charleston, W. Va., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Determination of carbon monoxide in a gas mixture. 1,908,202; May 9.
- White, Everett H., St. Paul, Minn. Remote control regulator motor. 1,905,325; Apr. 25.
- White, Eynon S., South Pasadena, Calif. Cement valve. 1,906,891; May 2.
- White, Frank P. (See Lavery, H. C., and White.)
- White, Franklin R. (See Ross, F. N., and White.)
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button attaching machine. 1,901,886; Mar. 14.
- White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,935,756; Nov. 21.
- White, Fred C., Mason City, Iowa. Brush. 1,918,440; July 18.
- White, Fred E., and A. Ruttman, assignors to Florence Stove Company, Gardner, Mass. Tank and liquid level indicator therefor. 1,911,099; May 23.
- White, Fred G., assignor to W. H. Jordan, Kansas City, Mo. Portable power vaporizer. 1,896,382; Feb. 7.
- White, Fred J., Washington, D. C. Grating. Des. 90,272; July 4.
- White, George E., San Diego, Calif. Binder ring. 1,900,321; Mar. 7.
- White, George H. (See Parker, T. R. G., Spence, and White.)
- White, George H., Washington, D. C. Ice cream method and machine. 1,938,880; Dec. 12.
- White, Gerald E., Lansing, Mich. Electric fluid heater temperature control. 1,934,958; Nov. 14.
- White, Gilbert E., Chickasha, Okla. Gas furnace. 1,936,003; Nov. 21.
- White, H. C., Company. (See Guild, Laurelle V. A., assignor.)
- White, H. C., Company. (See White, Clarence W., assignor.)
- White, Harold A., Aylmer, Ontario, Canada. Pencil. 1,913,528; June 13.
- White, Harold E. (See James, H. D., and White.)
- White, Harold E., Zelenople, Pa. Treating tricalcium phosphate. 1,908,090; May 9.
- White, Harold E., Zelenople, Pa. Treating tricalcium phosphate. 1,908,091; May 9.
- White, Harold E., Zelenople, assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Method of and material employed in the manufacture of refractory articles. 1,897,183; Feb. 14.
- White, Harold E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elevator control system. 1,934,516; Nov. 7.
- White, Harry B. (See Smellie, D. G., White, and Nulsen.)
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,907,692; May 9.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,918,360; July 18.
- White, Harry B., Canton, Ohio, assignor to The Hoover Company. Suction cleaner. 1,919,001; July 18.
- White, Harry B., Canton, Ohio, assignor to The Hoover Company. Suction cleaner. 1,925,354; Sept. 5.
- White, Henry K., Oconomowoc, Wis. Dry cleaning apparatus. 1,909,384; May 16.
- White, Herbert E. (See Tuttle, C. M., McFarlane, and White.)
- White, Herbert E., Cleveland, assignor to Truscon Steel Company, Youngstown, Ohio. Railroad crossing. 1,939,425; Dec. 12.
- White, Herbert J., and W. J. Charles, assignors to Gleason Works, Rochester, N. Y. Blank feeding mechanism for gear cutting machines. 1,914,347; June 13.
- White Iron Ores and Products Company, The. (See Kilbourn, William D., assignor.)
- White, J. J., Manig. Company. (See Weed, Edward L., assignor.)
- White, Jack, Palmers Green, London, and E. M. Payne, Southall, England, assignors to Victor Talking Machine Company. Electromagnetic acoustic device. 1,916,703; July 4.
- White, James A., Lockport, N. Y., and H. Caminez, Indianapolis, Ind., assignors to Harrison Radiator Corporation, Lockport, N. Y. Airplane radiator. 1,923,404; Aug. 22.
- White, James C., and H. G. Stone, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacturing acetic anhydride from crude sodium acetate. 1,912,747; June 6.
- White, James F. (See Taylor, M. C., and White.)
- White, James F., assignor to H. D. Lane, Richmond, Calif. Automatic fishing reel. 1,914,470; June 20.
- White, James F., assignor to H. D. Lane, Richmond, Calif. Fishing reel. 1,914,471; June 20.
- White, James N., Denver, Colo. Sliding door structure for tubs and the like. 1,935,003; Nov. 14.
- White, James N., Denver, Colo. Laundry machine. 1,938,676; Dec. 12.
- White, James R., Flushing, assignor to Jenkins Bros., New York, N. Y. Box. Des. 89,100; Jan. 24.
- White, Jay E., assignor to Chrysler Corporation, Detroit, Mich. Control apparatus for radio receiving instruments. 1,905,539; Apr. 25.
- White, Jay E., assignor to Chrysler Corporation, Detroit, Mich. Radio control apparatus. 1,918,160; July 11.
- White, Jesse M., Philadelphia, Pa. Conduit fitting. 1,918,676; July 18.
- White, John C., and R. W. Miller, assignors to The Hydro-Heater Corporation, Madison, Wis. Automatic water heater. 1,933,611; Nov. 7.
- White, John H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric insulation. 1,919,267; July 25.
- White, John J., assignor to The Florsheim Shoe Co., Chicago, Ill. Moccasin. 1,918,946; July 18.
- White, John W. (See Alexander, H. S., Pfeiffer, and White.)
- White, John W., Detroit, Mich. Vehicle brake. 1,895,561; Jan. 31.
- White, John W., Detroit, Mich. Automatic adjustment means for vehicle brake actuating mechanism. 1,939,584; Dec. 12.
- White, John W., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Method of and apparatus for forming and testing switches. 1,905,668; Apr. 25.
- White, John W., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Hydraulically operated electric switch. 1,918,880; July 18.
- White, John W., Buffalo, N. Y. Brake mechanism. 1,898,108; Feb. 21.
- White, John W., Buffalo, N. Y. Brake mechanism. 1,915,637; June 27.
- White, John W., Buffalo, N. Y., assignor to Kelsey-Hayes Wheel Corporation, Detroit, Mich. Wheel. 1,933,199; Oct. 31.
- White, Joseph C., Wakefield, Mass., assignor to White Automatic Gun Corporation, Portland, Me. Automatic gun. 1,907,163; May 2.
- White, Joseph C., Boston, Mass., assignor, by mesne assignments, to White Automatic Gun Corporation, Portland, Me. Automatic gun. 1,907,164; May 2.
- White, Joseph J. (See Hayes, A., Walker, and White.)
- White, Joseph W. (See Lamb, Ralph, assignor.)
- White, Kenneth M., Lombard, Ill., assignor to Westinghouse Electric & Manufacturing Company. Soundproof base for machines. 1,922,184; Aug. 15.
- White, Kenneth M., Chicago, Ill., and L. J. Kinnard, Los Angeles, Calif., assignors to Westinghouse Electric Elevator Company. Elevator control system. 1,931,564; Oct. 24.
- White, Kirk. (See Coseboom, Claude W., assignor.)
- White, L. Q., Shoe Company. (See White, Loring Q., assignor.)
- White, Leo O., and E. B. Renner, Coshocton, Ohio. Advertising projector. 1,896,928; Feb. 7.
- White, LeRoy, Shillington, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Frictional connecting mechanism for straight knitting machines. 1,893,312; Jan. 3.

- White, Lester G., Athens Township, Bradford, County, Pa. Poultry feeder. 1,926,641; Sept. 12.
- White, Loring Q., Palm Beach, Fla., assignor to L. Q. White Shoe Company, Bridgewater, Mass. Insole. 1,937,678; Dec. 5.
- White, Loyd J., assignor to Southern Prison Company, San Antonio, Tex. Prison locking system. 1,940,639; Dec. 19.
- White, Morris, New York, N. Y., assignor to Morris White Mfg. Co. Inc. Hand-bag. Des. 89,554; Mar. 28.
- White, Morris, Mfg. Co. (See White, Morris, assignor.)
- White Motor Company, The. (See Church, Harold D., assignor.)
- White Motor Company, The. (See Smith, George W., Jr., assignor.)
- White, Oliver L., St. Helens, Oreg. Clothes hanger. 1,895,695; Jan. 31.
- White, Otis C., Worcester, Mass. Hinge. 1,922,753; Aug. 15.
- White, Otis C., Worcester, Mass. Trunnion for electric connections. 1,925,579; Sept. 5.
- White, Paul E., Lancaster, Ohio. Casting type faces, stereotype, etc. 1,896,690; Feb. 7.
- White, Paul W. and P. Heinze, assignors to Parva Products Company, Chicago, Ill. Buckle. 1,929,158; Oct. 3.
- White, Philip W. (See Tuttle, W. A., and White.)
- White, Reginald H., Toronto, Ontario, Canada. Pedal attachment for automobiles. 1,912,813; June 6.
- White, Rollin H., Shaker Heights, Ohio. Fuel injector nozzle. 1,918,201; July 11.
- White, Rollin H., Cleveland Heights, Ohio. Tractor lubricating system. 1,920,225; Aug. 1.
- White, Ronald D., London, Ontario, Canada. assignor to Moulded Pulp Corporation, Chicago, Ill. Packing tray for bottles. 1,908,398; May 9.
- White, Ronald D., London, Ontario, Canada. assignor to Moulded Pulp Corporation, Chicago, Ill. Side packing board for shipping cases. 1,913,650; June 13.
- White, Rose V., Clarkston, Wash. Fastener. 1,930,603; Oct. 17.
- White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, R. C., and Wadsworth, assignors.)
- White, S. S., Dental Manufacturing Company, The. (See Barry, Walter F., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Willis, Francis M., assignor.)
- White, Samuel O., assignor to Warner Gear Company, Muncie, Ind. Transmission synchronizer mechanism. 1,935,234; Nov. 14.
- White, Sanford E., Santa Monica, Calif. Automatic feed control for liquids. 1,936,778; Nov. 28.
- White, Sidney Y., assignor to E. H. Loftin, trustee, New York, N. Y. Electron tube system. 1,916,818; July 4.
- White, Sidney Y., New York, N. Y., assignor to Edward H. Loftin, trustee. Electron tube system. 1,927,560; Sept. 19.
- White-Stokes Company. (See Brown, Joseph A., assignor.)
- White, Thomas U., Pittsburgh, Pa., assignor to Westinghouse Electric Manufacturing Company. Control system. 1,905,256; Apr. 25.
- White and Wells Company. (See Wrigley, John R., assignor.)
- White, William, East Cleveland, assignor to The Euclid Crane & Hoist Company, Euclid, Ohio. Load block. 1,896,266; Feb. 7.
- White, William, Newark, N. J., assignor to M. L. Adler, New Rochelle, N. Y. Pin setting machine. 1,896,383; Feb. 7.
- White, William, and H. C. Peterson, Hillside, N. J., and W. H. Lansmith, Long Island, assignors to M. L. Adler, New Rochelle, N. Y. Pin-setting machine. 1,896,384; Feb. 7.
- White, William A., assignor to White's Marine Engineering Company, Limited, Hebburn-on-Tyne, England. Pulverized fuel combustion apparatus. 1,913,577; June 13.
- White, William B., assignor to Marshall & Bruce Co., Nashville, Tenn. Automatic rotary numbering machine. 1,931,566; Oct. 24.
- White, William E., assignor to Kalman Steel Company, Chicago, Ill. Road strip and support. 1,905,023; Apr. 25.
- White, William J., Chicago, Ill. File. 1,906,892; May 2.
- White, William M., Milwaukee, Wis. Hydraulic machine. 1,900,144; Mar. 7.
- White, William M., Milwaukee, Wis. Prime mover control system. 1,914,679; June 20.
- White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Package sealing method and apparatus. 1,920,539; Aug. 1.
- White, William P., assignor to White Cap Company, Chicago, Ill. Packing method and apparatus. 1,931,911; Oct. 24.
- White, William S., Palmer, Tenn. Curved boot top, shoe top, and shoe tongue top. 1,897,349; Feb. 14.
- White, Will T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 1,894,248; Jan. 10.
- White, Will T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 1,913,352; June 6.
- White, William W., Des Moines, Iowa. Conditioning and permanently waving hair. 1,935,002; Nov. 14.
- Whitehead, Alexander G., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Spindle bearing. 1,904,395; Apr. 18.
- Whitehead, Earl B., assignor to Atlantic Carton Corporation, Norwich, Conn. Carton. 1,901,883; Mar. 21.
- Whitehead, George E., Cardiff, South Wales. Circuit breaker. 1,936,492; Nov. 21.
- Whitehead, George F., Sioux City, Iowa. Receptacle for ice manufacture. 1,895,742; Jan. 31.
- Whitehead, John B., Baltimore, Md. Insulation of high-voltage conductors. 1,935,532; Nov. 14.
- Whitehead & Kales Company. (See Greenwald, Harold A., assignor.)
- Whitehead & Kales Company. (See Judd, Irving H., assignor.)
- Whitehead & Kales Company. (See Judd, I. H., and Collins, assignors.)
- Whitehead & Kales Company. (See Warrick, Charles F., assignor.)
- Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Co., New Haven, Conn. Synchronous clock having means for storing and releasing energy. 1,907,919; May 9.
- Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Co., New Haven, Conn. Clock mechanism with error integrating stopping devices. 1,912,558; June 6.
- Whitehead, Richard H., New Haven, and A. W. Miner and F. W. Burnes, Waterbury, assignors to The New Haven Clock Co., New Haven, Conn. Watch case. 1,913,967; June 13.
- Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Company, New Haven, Conn. Timepiece movement. 1,935,686; Nov. 21.
- Whitehead, Thomas C., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,893,345; Jan. 3.
- Whitehead, Thomas C., and H. A. Greenwald, assignors to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,893,478; Jan. 3.
- Whitehead, Thomas C., and H. A. Greenwald, assignors, by direct and mesne assignments, to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 1,896,385; Feb. 7.
- Whitehead Torpedo Company, The. (See Jones, Albert E., assignor.)
- Whitehead, William. (See Dreyfus, C., and Whitehead.)
- Whitehead, William. (See Dreyfus, C., Whitehead, and Kuhl.)
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Purification of cellulose esters. 1,919,002; July 18.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Dyeing of textile materials. 1,927,144; Sept. 19.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Dyeing of yarns. 1,927,145; Sept. 19.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Applying dyes and product thereof. 1,929,573; Oct. 10.
- Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Method of and apparatus for spinning. 1,937,614; Dec. 5.
- Whitehouse, Frederick T. (See Linder, O., Whitehouse, and Willson.)
- Whitehouse, Irving P., assignor to H. C. Lord, Erie, Pa. Mounting. Re19,016; Dec. 5.
- Whitehouse, Irving P., assignor to H. C. Lord, Erie, Pa. Cushion support. Re19,017; Dec. 5.
- Whitehouse, Irving P., assignor to H. C. Lord, Erie, Pa. Mounting. 1,905,540; Apr. 25.
- Whitehouse, Irving P., assignor to H. C. Lord, Erie, Pa. Cushion support. 1,914,348; June 13.
- Whitehouse, John N., New York, N. Y. Refrigerator device. 1,923,522; Aug. 22.
- Whitehouse, John N., New York, N. Y. Forming apparatus. 1,924,340; Aug. 29.
- Whitehouse, John N., New York, N. Y., assignor to Sanite Corporation, Burlington, N. J. Molding and pressing methods and apparatus. 1,919,918; July 25.
- Whitehouse Leather Products Co., Inc. (See Di Girolamo, M., Knaub, and Lawson, assignors.)
- Whitehurst, James W., Portsmouth, Va. Valve. 1,927,727; Sept. 19.
- Whitehurst, John L. (See Hamlet, Willard, assignor.)
- Whitaker, Bosque M., Haskell, Tex. Buckle or fastener. 1,898,650; Feb. 21.
- Whitelaw, Albert. (See Albert, H., and Whitelaw.)
- Whiteley, Frank A., Minneapolis, Minn. Thermostat. 1,902,979; Mar. 28.
- Whiteley, Robert H., Oak Park, Ill., assignor to Robert H. Whiteley, trustee. Heat responsive self-lubricating bearing and making the same. 1,936,894; Nov. 28.
- Whiteley, Robert H., trustee. (See Whiteley, Robert H., assignor.)
- Whiteley, Wilfred, Woodside, Elland, assignor of one-half to J. Higginson, Stockport, England. Lubrication of spinning and doubling spindles. 1,913,620; June 13.
- Whitelock, Leland D., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical altering apparatus. 1,925,160; Sept. 5.

- Whiteman, James L., Putney, London, England. Car-buretor. 1,904,022; Apr. 18.
- White's Marine Engineering Company. (See White, William A., assignor.)
- Whitesell, John C., Jr. (See Leonard, L. H., and Whitesell, Jr.)
- Whiteside, Arthur L., East Orange, N. J., assignor to Pulvis Aktiengesellschaft, Glarus, Switzerland. Power transmitting device. 1,910,270; May 23.
- Whitfield Engineering Company. (See Le Fevre, Edwin K., assignor.)
- Whitford, William H., Tulsa, Okla. Pencil sharpener. 1,895,359; Jan. 24.
- Whitin Machine Works. (See Aldrich, William O., assignor.)
- Whitin Machine Works. (See Crockett, Frank L., assignor.)
- Whitin Machine Works. (See Jessen, John A., assignor.)
- Whitin Machine Works. (See Jordan, Lavern J., assignor.)
- Whitin Machine Works. (See Kooistra, John A., assignor.)
- Whitin Machine Works. (See Moss, Joseph, assignor.)
- Whiting, Charles A., Franklin, Mass. Mesh bag. 1,925,295; Sept. 5.
- Whiting Corporation. (See Coffey, Oscar L., assignor.)
- Whiting, Donald F., Port Washington, assignor to Fox Case Corporation, New York, N. Y. Amplifier. 1,935,966; Nov. 21.
- Whiting, Ernest C., Brighton, Mass. Vending machine. 1,914,546; June 20.
- Whiting, Jasper, Dublin, N. H. Container. 1,906,684; May 2.
- Whiting, Maurice T., Duxbury, Mass. Shingle sawing machine. 1,895,016; Jan. 24.
- Whiting, Maurice T., Duxbury, Mass. Method and machine for making fence fabric. 1,932,762; Oct. 31.
- Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,901,685; Mar. 14.
- Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 1,915,042; June 20.
- Whiting, Richard R., Norwood, Ohio. Picture display box. 1,912,233; May 30.
- Whiting, Rufus, Palestine, Tex. Cotton hoe and reaper. 1,894,840; Jan. 17.
- Whiting, William A., Huntington Park, Calif., assignor to American Concrete Pipe Company. Precast extensible joint for pipes. 1,900,145; Mar. 7.
- Whitinsville Spinning Ring Company. (See Harding, Charles E., assignor.)
- Whitley, Harvey L., Fremont, N. C. Telephone lineman's test set. 1,917,479; July 11.
- Whitley, William P., Clayton, assignor to Rawlings Manufacturing Company, St. Louis, Mo. Athletic shield or guard. 1,898,606; Feb. 21.
- Whitlock, Carl H., Lockport, N. Y., assignor to Norton Laboratories, Portland, Maine. Camera. Des 91,228; Dec. 19.
- Whitlock, Carl H., assignor to Norton Laboratories, Inc., Lockport, N. Y. Hinge connection for molded products. 1,936,465; Nov. 21.
- Whitlock Coil Pipe Company, The. (See Parent, Emile J., assignor.)
- Whitlock Gas Process Company. (See Whitlock, Richard E., assignor.)
- Whitlock, George E., assignor to The City Auto Stamping Company, Toledo, Ohio. Radiator guard and making same. 1,927,328; Sept. 19.
- Whitlock, George E., assignor to The City Auto Stamping Company, Toledo, Ohio. Radiator guard and making same. 1,927,329; Sept. 19.
- Whitlock, Ralph G., Los Angeles, Calif., assignor to Ralph G. Whitlock Patents, Inc., Las Vegas, Nev. Resettable register. 1,894,433; Jan. 17.
- Whitlock, Ralph G., Los Angeles, Calif., assignor, by mesne assignments, to National Postal Meter Company. Driving and controlling mechanism for postal machines. 1,930,946; Oct. 17.
- Whitlock, Ralph G., Patents, Inc. (See Ryan, Commodore D., assignor.)
- Whitlock, Ralph G., Patents, Inc. (See Whitlock G., assignor.)
- Whitlock, Richard A., Middletown, N. Y. Self-lighting match. 1,912,957; June 6.
- Whitlock, Richard E., Camarillo, Calif., assignor to Whitlock Gas Process Company, Inc., Dover, Del. Making oil gas. 1,902,004; Mar. 21.
- Whitlow, George S., University City, Mo., and H. T. Seeley, Yeadon, Pa., assignors to General Electric Company. Control system. 1,937,368; Nov. 28.
- Whitlow, John B., Lexington, Ky. Transmission mechanism. 1,903,662; Apr. 11.
- Whitman & Barnes, Inc. (See Alden, Carroll R., assignor.)
- Whitman & Barnes, Inc. (See Breeler, W. R., and Harrington, assignors.)
- Whitman & Barnes, Incorporated. (See Harrington, Ferris T., assignor.)
- Whitman & Barnes, Incorporated. (See Howard, Henry F., assignor.)
- Whitman, Calle M., Jamaica, N. Y., and L. B. McDonnell, Washington, D. C. Eye-cap. 1,926,926; Sept. 12.
- Whitman, Claude S., Denver, Colo. Fire extinguisher. 1,916,351; July 4.
- Whitman, Fred H., assignor to A. O. Smith Corporation, Milwaukee, Wis. Flash removing apparatus. 1,912,419; June 6.
- Whitman, Fred H., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Wire tightener. 1,939,746; Dec. 19.
- Whitman, George F., assignor to Barber-Colman Company, Rockford, Ill. Rotary cutter. 1,898,800; Feb. 21.
- Whitman, Hyman L., Bridgewater, assignor of one-eight to Fred Drew, Brockton, Mass. Arch supporter. 1,938,127; Dec. 5.
- Whitman, Roger B., New Hyde Park, N. Y. Gasoline pump. 1,893,972; Jan. 10.
- Whitman, Stewart C., assignor of one-half to G. Shackelford, New York, N. Y. Sound recording and producing method. 1,917,279; July 11.
- Whitman, Stewart C., assignor of one-half to G. Shackelford, New York, N. Y. Method for recording sound employing a separate source of electrical energy. 1,917,280; July 11.
- Whitman, Vernon E., New York, N. Y., assignor to Hazeltine Corporation. Oscillator. 1,893,813; Jan. 10.
- Whitman, Walter L., 2d, Philadelphia, Pa. Support for concrete reinforcements and joints. 1,926,323; Sept. 12.
- Whitman's Manufacturing Company. (See Warner, Charles F., assignor.)
- Whitman's Manufacturing Company. (See Whitney, Karl H., assignor.)
- Whitmer, Lee A., Wilton Junction, Iowa. Feeding trough. 1,918,729; July 18.
- Whitmore, Edson G., assignor to The De Vilbiss Company, Toledo, Ohio. Spray coating exhaust system. 1,906,352; May 2.
- Whitmore, Edwin F., San Francisco, Calif. Egg processing machine. 1,925,511; Sept. 5.
- Whitmore, Edwin F., San Francisco, Calif. Egg handling machine. 1,938,947; Dec. 12.
- Whitmore, Reginald L., London, England. Central buffing and drawgear. 1,897,287; Feb. 14.
- Whitmore, Reginald L., London, England. Central buffing and drawgear for railway vehicles. 1,897,288; Feb. 14.
- Whitney, Baxter D., & Son, Inc. (See Whitney, W. M., and White, assignors.)
- Whitney, Chancy F., Scotia, N. Y., assignor to General Electric Company. Electric control system. 1,900,596; Mar. 7.
- Whitney, Elwood, assignor to Kathleen Mary Quinlan, Inc., New York, N. Y. Cosmetic jar or the like. Des. 90,903; Oct. 17.
- Whitney, F. A., Carriage Company. (See Shaw, Harold F., assignor.)
- Whitney, Gary M., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Loading clamp. 1,936,868; Nov. 28.
- Whitney, Karl H., assignor to Whitman's Manufacturing Company, Kirksville, Mo. Vibratory apparatus. 1,899,544; Feb. 28.
- Whitney, Loren L., Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Quenching device. 1,914,934; June 20.
- Whitney, Lyman F., assignor, by mesne assignments, to Stator Refrigeration, Inc., Boston, Mass. Fluid pumping. 1,892,822; Jan. 3.
- Whitney, Lyman F., assignor to Comstock & Wescott, Inc., Boston, Mass. Fluid pressure apparatus. 1,892,823; Jan. 3.
- Whitney, Lyman F., assignor to Comstock & Wescott, Inc., Boston, Mass. Heat exchange system control. 1,924,895; Aug. 29.
- Whitney Mfg. Co., The. (See Dow, Richard F., assignor.)
- Whitney Mfg. Co., The. (See Müller, Frederick, assignor.)
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,897,919; Feb. 14.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Brake mechanism. 1,904,186; Apr. 18.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism for internal combustion engines. 1,904,187; Apr. 18.
- Whitney, Maurice P., assignor to Eclipse Machine Company, Elmira, N. Y. Automatic starting mechanism. 1,923,992; Aug. 22.
- Whitney Metal Products Corp. (See Nord, Benjamin, assignor.)
- Whitney Metal Tool Company. (See Jensen, John, assignor.)
- Whitney, Paul B., Santa Monica, Calif. Automatic sign. 1,923,523; Aug. 22.
- Whitney, W. B., and E. B. Wedmore, assignors to The British Electrical and Allied Industries Research Association, London, England. Electric circuit breaker. 1,928,470; Sept. 26.
- Whitney, William E., Philadelphia, Pa., assignor, by mesne assignments, to Sloane-Blabon Corporation, New York, N. Y. Linoleum roller. 1,894,548; Jan. 17.
- Whitney, William E., Philadelphia, Pa., assignor, by mesne assignments, to Sloane-Blabon Corporation, New York, N. Y. Manufacture of linoleum. 1,897,458; Feb. 14.
- Whitney, William E., Germantown, Pa., and E. A. Gallison, Watertown, Mass., assignors, by mesne assignments, to Technicolor, Inc., New York, N. Y. Apparatus for affixing pins to metal belts. 1,928,714; Oct. 3.

- Whitney, William M., and A. White, assignors to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Wood shaper. 1,921,715; Aug. 8.
- Whitney, Willis B., and E. B. Wedmore, assignors to The British Electrical and Allied Industries Research Association, London, England. Electric switch and circuit breaker. 1,914,875; June 20.
- Whitney, Willis B., and E. B. Wedmore, assignors to The British Electrical and Allied Industries Research Association, London, England. Electric circuit breaker. 1,923,695; Aug. 22.
- Whitridge, John C., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Draft gear mechanism. 1,941,160; Dec. 26.
- Whitson, Delmar A., Los Angeles, Calif. Motion picture film printer. 1,925,355; Sept. 5.
- Whitson, Robert M., La Grange, Ill. Sign. Des. 90,350; July 18.
- Whitt, Hugh, Fortress Monroe, Va. Blotter holder. 1,919,268; July 25.
- Whittaker, Arthur. (See Hackett, H., and Whittaker.)
- Whittaker, Charles C., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective device for apparatus subject to fire hazard. 1,914,187; June 13.
- Whittaker, Colin W., and F. O. Lundstrom, Washington, D. C., dedicated to the free use of the public. Production of nitrosylchloride. 1,920,333; Aug. 1.
- Whittaker, Frederick A., assignor to Marathon Company, Attleboro, Mass. Combination cigarette case and lighter. 1,921,854; Aug. 8.
- Whittaker, Frederick A., assignor to Marathon Company, Attleboro, Mass. Combination cigarette case and lighter. 1,921,855; Aug. 8.
- Whittaker, Frederick A., assignor to Marathon Company, Attleboro, Mass. Hinged container. 1,923,560; Aug. 22.
- Whittaker, Harry. (See Dannenberg, C. B., and Whittaker.)
- Whittaker, Harry. (See Mutchler, H. G., and Whittaker.)
- Whittaker, James L., Allendale, assignor of one-third to R. E. Hantzsch, Springfield, N. J., and one-third to D. R. Lamont, Brooklyn, N. Y. Centralized radio system. 1,920,775; Aug. 1.
- Whittaker, Lloyd B., White Plains, assignor to Holland-Rantos Company, Inc., New York, N. Y. Medical appliance. 1,914,188; June 13.
- Whittall, Hubert V., assignor to Hunting-Merritt Lumber Co. Ltd., Vancouver, British Columbia, Canada. Process for the surface finishing of lumber and shingles. 1,921,335; Aug. 8.
- Whitted, John B., Chicago, Ill. Shock absorber for vehicles. 1,908,390; May 9.
- Whitted, John B., assignor to Stewart-Warner Corporation, Chicago, Ill. Thermostat radiator shutter control. 1,905,257; Apr. 25.
- Whitted, John B., assignor to Stewart-Warner Corporation, Chicago, Ill. Electric fuel pump. 1,908,092; May 9.
- Whitted, John B., Hagerstown, Md., assignor to Stewart-Warner Corporation, Chicago, Ill. Shock absorber. 1,908,391; May 9.
- Whitted, John B., assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper arm construction. 1,916,544; July 4.
- Whittemore, Herbert L., and S. N. Petrenko, Washington, D. C., Alexander I. Krynitsky, executor of said S. N. Petrenko, deceased. Proving ring. 1,927,478; Sept. 19.
- Whittemore, Russell G. (See Trace, F. B., and Whittemore.)
- Whittemore, Theodore P. (See Peters, Anthony W., assignor.)
- Whitten, Horace E., Somerville, Mass. Drum. 1,894,968; Jan. 24.
- Whitten, Karl S. (See Wattie, W. M., and Whitten.)
- Whittier, Charles T. (See Stokes, W. E., and Whittier.)
- Whittingham, George H., assignor to Monitor Controller Company, Baltimore, Md. Push button switch. 1,902,743; Mar. 21.
- Whittingham, George H., assignor to Monitor Controller Company, Baltimore, Md. Switch controlling means. 1,927,479; Sept. 19.
- Whittington, Aldine W. (See Whittington, Raymond C. and A. W.)
- Whittington, James A., assignor to The Peoples Gas Light and Coke Company, Chicago, Ill. Auxiliary temperature regulator for thermostatically controlled gas-fired refrigerators. 1,923,463; Aug. 22.
- Whittington, Raymond C. and A. W., Harrisburg, Pa. Starter for engines. 1,924,633; Aug. 29.
- Whittle, Horace, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coil. 1,896,762; Feb. 7.
- Whittle, Reginald W., Urmston, England, assignor to The Superheater Company, New York, N. Y. Housing for fluid pressure regulating valves. 1,925,683; Sept. 5.
- Whittle, Reginald W., Urmston, England, assignor to The Superheater Company, New York, N. Y. Manufacturing bifurcated water screen tubes or like tubular structures. 1,935,071; Nov. 14.
- Whittles, Joseph R., Rockford, Ill., assignor to Norton Company, Worcester, Mass. Hydraulically actuated table reciprocating mechanism. 1,905,080; Apr. 25.
- Whittles, Joseph R., assignor to Mattison Machine Works, Rockford, Ill. Grinding machine. 1,927,007; Sept. 12.
- Whitwam, Wallace W., Houston, Tex. Wild well control. 1,918,161; July 11.
- Whitwood, Leroy, Lakewood, Fla. Stepladder. 1,932,944; Oct. 31.
- Whitworth, Edward. (See Stickland, O. W., and Whitworth.)
- Whitworth, Stanley, assignor to Bendix Brake Company, South Bend, Ind. Welding. 1,898,923; Feb. 21.
- Whitworth, Stanley, assignor to Bendix Brake Company, South Bend, Ind. Forming brake shoes and blanks therefor. 1,900,004; Mar. 7.
- Whitworth, Stanley, assignor to Bendix Brake Company, South Bend, Ind. Brake shoe. 1,911,415; May 30.
- Whitworth, Stanley, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 1,934,460; Nov. 7.
- Whitworth, Stanley, and L. E. Long, assignors to Bendix Brake Company, South Bend, Ind. Brake-shoe-turning machine. 1,940,474; Dec. 19.
- Whitworth, Sir W. G. Armstrong, Aircraft Limited. (See Wylie, Hamilton H., assignor.)
- Whitworth, W. G. Armstrong & Company. (See Middleton, Brian M., assignors.)
- Whitzel, Raymond T., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Forming aluminum. 1,931,912; Oct. 24.
- Wilymer, Charles H., Athens, Ill. Asphalt pouring device. 1,909,327; May 16.
- Whyte, Frederic M., Tarrytown, N. Y. Ventilating and reflecting transom for passenger cars. 1,918,790; July 18.
- Whyte, James, Lynwood, Calif. Carburetor. 1,916,502; July 4.
- Whyte, Samuel, Redhill, England, assignor to Victor Talking Machine Company. Sound record. 1,919,920; July 25.
- Whyte, Samuel, Redhill, England, assignor, my mesne assignments, to Radio Corporation of America, New York, N. Y. Light-weight sound record. 1,926,130; Sept. 12.
- Wibaut, Johan P., Amsterdam, assignor to Naamlooze Vennootschap de Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Manufacture of butyl alcohol. 1,910,582; May 23.
- Wiberg, Anders R., and Per M. E. Schön, assignors to Reymerholms Gamla Industri Aktiebolag, Halsinborg, Sweden. Manufacturing silicates with base exchanging properties, or so-called artificial zeolites. 1,918,361; July 18.
- Wiberg, Helge A., Falun, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Circuit arrangement for the registration of electric impulses. 1,917,679; July 11.
- Wiberg, Oscar A., Finspong, Sweden. Shaft packing. 1,908,804; May 16.
- Wiberg, Oscar A., Finspong, Sweden. Guide blade device for elastic fluid machines. 1,915,459; June 27.
- Wiberg, Oscar A., Finspong, Sweden. Casing for steam or gas turbines. 1,935,463; Nov. 14.
- Wiberg, Oscar A., and J. Nordin, Finspong, Sweden. Manufacturing turbine blades. 1,910,943; May 23.
- Wicaco Machine Corporation, The. (See Lawser, Charles W., assignor.)
- Wicaco Machine Corporation, The. (See Sippel, J. J., and Hennessy, assignors.)
- Wich, Barnard. (See Thomas, C. R., Jr., and Wich.)
- Wichert Continuous Bridge Corporation, The. (See Wichert, Ernest M., assignor.)
- Wichert, Ernest M., Wilkesburg, Pa., assignor to The Wichert Continuous Bridge Corporation. Automatically adjustable continuous bridge. Re18,973; Oct. 24.
- Wichert, Johannes, Doncaster, England, assignor to the Firm American Bemberg Corporation, New York, N. Y. Working up the waste liquors of the cuprammonium silk stretch spinning process. 1,910,871; May 23.
- Wichmann, John C., Beverly Hills, Calif. Water cooler. 1,935,424; Nov. 14.
- Wichner, John, Elizabeth, N. J. Machine for wrapping articles. 1,907,693; May 9.
- Wicinski, Adam. (See Witkiewicz, R., and Wicinski.)
- Wick, Alberto, Buenos Aires, Argentina. New helicopter. 1,938,091; Dec. 5.
- Wickbergh, Godfrey, Seattle, Wash. Screw driver. 1,899,489; Feb. 28.
- Wicke, A. C., Manufacturing Company. (See Wicke, Charles E., assignor.)
- Wicke, Charles E., Mount Vernon, assignor to A. C. Wicke Manufacturing Company, New York, N. Y. Illuminated refrigerator display case. 1,905,775; Apr. 25.
- Wickenden, Leonard, Manhasset, N. Y., assignor of one-half to J. J. Naugle, Greenwich, Conn. Preparing fruit confections and the like. 1,906,295; May 2.
- Wickenden, Thomas H. (See Merica, P. D., Vanick, and Wickenden.)
- Wickerham, William R., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vari-voltage control system for movable bridges. 1,939,093; Dec. 12.
- Wickersham, Elmer E., assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,902,430; Mar. 21.
- Wickersham, Elmer E., Stockton, assignor, by mesne assignments, to Caterpillar Tractor Co., San Leandro, Calif. Pick-up feeder. 1,923,405; Aug. 22.
- Wickersham, Elmer E., assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester construction. 1,925,356; Sept. 5.

- Wickersham, Elmer E., assignor to Caterpillar Tractor Co., San Leandro, Calif. Pick-up. 1,928,237; Sept. 26.
- Wickersham, Elmer E., assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,932,717; Oct. 31.
- Wickersham, Elmer E., assignor to Caterpillar Tractor Co., San Leandro, Calif. Harvester. 1,941,143; Dec. 26.
- Wickersham, Harry P., Walnut Park, Calif. Casing head. 1,914,472; June 20.
- Wickersham, Harry P., Huntington Park, and J. O. Tow, South Pasadena, Calif. Control valve. 1,922,225; Aug. 15.
- Wickersham, Harry P., Huntington Park, and E. Burns, Los Angeles, assignors to Baash-Ross Tool Company, Incorporated, Los Angeles, Calif. Blow-out preventer. 1,924,425; Aug. 29.
- Wickersham, Harry P., Huntington Park, and G. V. Roberts, Maywood, Calif. Method and device for surveying wells. 1,930,832; Oct. 17.
- Wickersham, Newton W., assignor, by mesne assignments, to Yowell & Yarbrough, Inc., Los Angeles, Calif. Oil well cleaning device. 1,919,350; July 25.
- Wickersham, Newton W., Los Angeles, and E. F. Raymond, Long Beach, assignors to Perkins Cementing, Inc., Los Angeles, Calif. Bridging plug. 1,915,771; June 27.
- Wicks Boiler Co. (See Baker, John F. L., assignor.)
- Wicks, Powers A., Portland, Oreg. Road ripper. 1,931,783; Oct. 24.
- Wickham, Alfred R., Sawston, Cambridge, assignor to Spicers Limited, London, England. Machine for casting films or the like. 1,924,010; Aug. 22.
- Wickland, Anton I. (See Halstead, S. M., Wickland, and Tustin.)
- Wicks, John. (See Smith, H. H., and Wicks.)
- Wicks, John, Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. Re1,891,7; Aug. 15.
- Wicks, John, Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multioffice telephone system. 1,893,691; Jan. 10.
- Wicks, John, Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multioffice telephone system. 1,901,068; Mar. 14.
- Wicks, John, Oak Park, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,927,533; Sept. 19.
- Wicks, John, Oak Park, R. G. Richardson, Chicago, and J. I. Bellamy, Brookfield, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,903,207; Mar. 28.
- Wicks, John, Oak Park, and R. F. Gould, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Multioffice telephone system. 1,909,082; May 16.
- Wicks, John, Oak Park, and H. G. Evers, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 1,920,226; Aug. 1.
- Wickstrum, Cecil M., Omaha, Nebr. Casket carriage. 1,893,109; Feb. 21.
- Wickwire Brothers. (See Wickwire, Charles C., assignor.)
- Wickwire, Charles C., assignor to Wickwire Brothers, Cortland, N. Y. Wire fabric machine. 1,911,541; May 30.
- Wickwire, Charles C., assignor to Wickwire Brothers, Cortland, N. Y. Wire fabric. 1,930,891; Oct. 17.
- Wickwire, Charles C., assignor to Wickwire Brothers, Cortland, N. Y. Wire fabric machine. 1,937,078; Nov. 28.
- Wickwire Spencer Steel Company. (See Ambruson, Henry, assignor.)
- Wickwire Spencer Steel Company. (See King, Vernon C.)
- Wickwire Spencer Steel Company. (See Robertson, P., and Woodman, assignors.)
- Wickwire Spencer Steel Company. (See Smith, Herbert, assignor.)
- Wickwire Spencer Steel Company. (See Tuttle, W. A., and White.)
- Wickwire Spencer Steel Company. (See Ward, Richard H.)
- Wickwire, Theodore H., jr. (See Southwell, R. J., and Wickwire.)
- Wickwire, Theodore H., jr., assignor to Welded Fabrics Corporation, New York, N. Y. Zigzag mesh fabric. 1,922,269; Aug. 15.
- Wico Electric Company. (See Harmon, Kenneth A., assignor.)
- Wico Electric Company. (See Louis, Terrence G., assignor.)
- Widdis, Albert L., Harrisville, Mich. Propelling means. 1,933,883; Nov. 7.
- Widdowson, Ronald R. (See Green, S. J., and Widdowson, assignors.)
- Wideman, Louis, A. W. Anderson, and P. L. Rider, Worcester, Mass. Gasket. 1,904,910; Apr. 18.
- Widener, Homer W., Skellytown, Tex. Luggage carrier. 1,912,958; June 6.
- Widener, Homer W., Skellytown, Tex. Luggage carrier. 1,913,256; June 6.
- Widener, Sterling J., Augusta, Ga. Hydraulic jack. 1,903,887; Apr. 18.
- Widerle, Rolf, Karlshorst, Germany, assignor to General Electric Company. Control of electric switches. 1,894,139; Jan. 10.
- Widin, Edgar, Roselle Park, N. J. Oil seal and spring. 1,893,814; Jan. 10.
- Widing, Emma, Portland, Oreg. Dispensing container for sliced bread and the like. 1,917,480; July 11.
- Widmaier, Otto, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Small electric motor. 1,931,784; Oct. 24.
- Widmann, Adolph. (See Dorner, H. I. A., and Widmann.)
- Widmann, Adolph, assignor to H. I. A. Dorner, Detroit, Mich. Internal-combustion engine. 1,938,948; Dec. 12.
- Widmann, Wilhelm, Freudenberg, Germany. Backpiece for film cameras. 1,898,232; Feb. 21.
- Widmer, Harry Alphonse, assignor to Tuck-Tite Lock and Fastener Company Limited, London, England. Fastening. 1,905,199; Apr. 25.
- Widmer, Jules A., assignor to Square D Company, Detroit, Mich. Electrical device. 1,912,610; June 6.
- Widmer, Jules A., Rochester, N. Y., assignor to Square D Company, Detroit, Mich. Electrical device. 1,912,611; June 6.
- Widmer, Stefan, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifier. 1,904,396; Apr. 18.
- Widmer, Stefan, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Vapor rectifier apparatus. 1,918,577; July 18.
- Widmer, Stefan and C. Ehrensperger, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Frequency changing system. 1,934,219; Nov. 7.
- Widmer, Willi. (See Straub, F., and Widmer.)
- Widner, Harlon L., Fayetteville, Tenn. Combination level and gauge. 1,922,997; Aug. 15.
- Wiedemann, John, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Hinge construction. 1,920,044; July 25.
- Wiedemann, Karl, Leverkusen-I. G. Werk, and H. Clingstein, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuffs. 1,901,387; Mar. 14.
- Wiedemann, Karl, Leverkusen-I. G. Werk and H. Clingstein, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper-containing azodyestuff. 1,921,336; Aug. 8.
- Wiedemann, Karl, Leverkusen-I. G. Werk, and H. Clingstein, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper-containing azodyestuff. 1,921,337; Aug. 8.
- Wieden, Herbert J., jr. (See Jakosky, J. J., and Wieden, jr.)
- Wieden, Louis, Livermore, Calif. Golf game. 1,897,289; Feb. 14.
- Wieder, Ferd W., Berkeley, assignor to San Francisco Sulphur Company, San Francisco, Calif. Powdered material and manufacturing said material. 1,908,619; May 9.
- Wiedermann, Karl. (See Clingstein, H., and Wiedermann.)
- Wiedmann, Ernst. (See Ferris, J. P., Clute, and Wiedmann.)
- Wiedmann, Ernst, assignor to The Oilgear Company, Milwaukee, Wis. Forming press. 1,922,513; Aug. 15.
- Wiedmann, Ernst, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 1,930,155; Oct. 10.
- Wiedmann, Henry E., San Francisco, Calif. Polisher. 1,894,807; Jan. 17.
- Wiedmann, Ludwig, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Mechanism for driving propellers. 1,899,490; Feb. 28.
- Wiegand, Albert P. (See Wiegand, Edwin L. and A. P.)
- Wiegand, Bruno F. (See Pilling, C. J., and Wiegand.)
- Wiegand, Charles W., Philadelphia, Pa. Heat transfer unit. 1,910,453; May 23.
- Wiegand, Edwin L. (See Perry, Francis W., assignor.)
- Wiegand, Edwin L., Pittsburgh, Pa. Forming electrical heating elements. 1,903,604; Apr. 11.
- Wiegand, Edwin L., Pittsburgh, Pa. Making heating elements. 1,913,355; June 6.
- Wiegand, Edwin L., Pittsburgh, Pa. Forming electric resistance heating elements. 1,919,816; July 25.
- Wiegand, Edwin L., Pittsburgh, Pa. Producing sheathless electrical heating elements. 1,933,128; Oct. 31.
- Wiegand, Edwin L., assignor to E. L. Wiegand Company, Pittsburgh, Pa. Electric liquid heating apparatus. 1,913,298; June 6.
- Wiegand, Edwin L. and A. P., Pittsburgh, Pa. Apparatus for insulating electrical resistor elements. 1,924,474; Aug. 29.
- Wiegand, Edwin L., Company. (See Wiegand, Edwin L., assignor.)
- Wiegand, Erich, Berlin-Waidmannslust, Germany, assignor to General Electric Company. Manufacture of hot cathodes for electric discharge devices. 1,902,478; Mar. 21.
- Wiegand, Erich, Hohen-Neuendorf near Berlin, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie mit beschränkter Haftung, Berlin, Germany. Making metallic films upon bodies of nonconducting oxides, especially for oxide filaments in discharge tubes. 1,923,406; Aug. 22.
- Wiegand, Kurt. (See Ewest, H., Wiegand, and Reger.)
- Wiegand, Kurt, Berlin, and J. Habel, Berlin-Tempelhof, Germany, assignor to General Electric Company. Terminals for electric devices. 1,897,459; Feb. 14.
- Wiegand, Kurt, and K. Bratel, Berlin, Germany, assignor to General Electric Company. Vapor-lamp system. 1,930,116; Oct. 10.

- Wiegand, William B., Sound Beach, Conn. Manufacture of carbon black. Re18,884; June 27.
- Wiegand, William B., Sound Beach, Conn., assignor to Binney & Smith Company, New York, N. Y. Electrical insulation. 1,938,308; Dec. 5.
- Wiegman, Clarence H., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,268; Dec. 5.
- Wiegner, Simon P., Los Angeles, Calif. Door control mechanism. 1,897,350; Feb. 14.
- Wiehagen, Carl, Solingen, Wald, Germany. Wood drill with cutter transversely adjustable in the drill shank. 1,918,202; July 11.
- Wieland, Heinrich, Munich, Germany, assignor to C. H. Boehringer Sohn Aktiengesellschaft, Nieder-Ingelheim-on-the-Rhine, Germany. Separation of the optically active isomers of lobelia alkaloids, their derivatives and allied compounds. 1,915,174; June 20.
- Wielatz, Fred, Chicago, Ill. Vacuum cleaning device. 1,902,534; Mar. 21.
- Wieman Kammerer Wright Co. (See Abegg, Walter A., assignor.)
- Wieman-Kammerer-Wright Company, Incorporated. (See Mackey, T. O., and Donaldson, assignors.)
- Wienberger, Julius, New York, N. Y., assignor to Radio Corporation of America. Broadcast transmitting system. 1,927,860; Sept. 26.
- Wienecke, Bruno, Berlin, Germany. Interrupting connections in vacuum valves. 1,924,266; Aug. 29.
- Wienecke, Bruno, Berlin, Germany. Cathode arrangement. 1,930,704; Oct. 17.
- Wieneke, Frederick D., Baltimore, Md. Radio tube. 1,893,756; Jan. 10.
- Wiener, John A., Oswego, N. Y. Fiber-stock refiner. 1,939,747; Dec. 19.
- Wiener, John A., Oswego, N. Y. Valve. 1,931,048; Oct. 17.
- Wiener, John A., and J. B. Harmon, Oswego, N. Y. Fire-proof wall board. 1,905,541; Apr. 25.
- Wiener, John A., and J. B. Harmon, Oswego, N. Y. Fire-proof fiber board. 1,937,679; Dec. 5.
- Wieners, Franz. (See Hentrich, W., Wieners, and Stroebel.)
- Wienke, Emil J., assignor to Enterprise Optical Mfg. Co., Chicago, Ill. Exposure shutter for motion picture projecting apparatus. 1,911,134; May 23.
- Wiepart, George D., assignor to Sargent & Company, New Haven, Conn. Metal shelving. 1,940,281; Dec. 19.
- Wier, Stuart A., assignor to Tridex Corporation, Dallas, Tex. Producing a detergent solution. 1,910,454; May 23.
- Wiesener, Otto, New York, N. Y. Window sash operating device. 1,938,058; Dec. 5.
- Wiesman, William A., assignor of one-half to R. F. Behringer, Dayton, Ohio. Shield for hot air registers or the like. 1,921,305; Aug. 8.
- Wiesner, Louis, Brooklyn, N. Y. Slipper. 1,909,645; May 16.
- Wiesner, Alfred, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt near Berlin, Germany. Telephone system. 1,923,352; Aug. 22.
- Wiethoff, Frank F. (See Tormyn, H., and Wiethoff.)
- Wietzel, Gustav, Ludwigshafen-on-the-Rhine, and A. Starke, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of unsaturated gaseous hydrocarbons and hydrogen. 1,892,973; Jan. 3.
- Wietzel, Gustav, Ludwigshafen-on-the-Rhine, and G. Schiller, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Apparatus for endothermic catalytic reactions. 1,894,140; Jan. 10.
- Wietzel, Gustav, and G. Pauckner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of phosphoric acid and hydrogen. 1,916,594; July 4.
- Wietzel, Gustav, Ludwigshafen-on-the-Rhine, and G. Schiller, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of gaseous mixtures containing hydrogen and nitrogen from methane. 1,921,856; Aug. 8.
- Wietzel, Gustav, W. Haller, and W. Hennicke, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Catalytic conversion of hydrocarbons. 1,934,836; Nov. 14.
- Wietzel, Rudolf. (See Mittasch, A., Pier, Wietzel, and Langheinrich.)
- Wietzel, Rudolf. (See Mittasch, A., Wietzel, and Pfaudler.)
- Wietzel, Rudolf, Ludwigshafen-on-the-Rhine, and C. Pfaudler, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of hydrocarbons of the benzene series. 1,910,910; May 23.
- Wietzel, Rudolf, Ludwigshafen-on-the-Rhine, Germany, and B. Engel, Stockholm, Sweden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Separation of valuable products from mixtures thereof with solid substances. 1,925,551; Sept. 5.
- Wiewel, Walter H. (See Ryley, Alfred G., assignor.)
- Wiczl, Rudolf. (See Pier, M., Wietzel, and Winkler.)
- Wiczl, Rudolph, Liverpool, N. Y. Clamp. 1,919,003; July 18.
- Wigan, Edmund, assignor to Siemens Brothers & Company Limited, London, England. Telephone instrument circuit. 1,919,314; July 25.
- Wigert, Frank E., Los Angeles, Calif. Constant mesh self-controlled transmission. 1,912,559; June 6.
- Wiget, Georg, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Loom. 1,911,981; May 30.
- Wiggam, David R., Kenil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Purifying nitrated cellulose. 1,908,500; May 9.
- Wiggenhorn, Guido J., South Pasadena, Calif. Water cooler and dispenser. 1,928,344; Sept. 26.
- Wiggins, Albert M. (See Glenn, E. M., and Wiggins.)
- Wiggins, Earl B. (See Ragan, Thomas M., assignor.)
- Wiggins, Earl B., Los Angeles, Calif. Apparatus for converting inertia of moving vehicles into power. 1,916,873; July 4.
- Wiggins, Gaynor, and H. Phillips, assignors to Dr. P. Phillips Company, Orlando, Fla. Guarded fruit box. 1,930,218; Oct. 10.
- Wiggins, John H., Tulsa, Okla. Floating roof drain. 1,897,779; Feb. 14.
- Wiggins, John H., Tulsa, Okla. Floating deck for liquid storage tanks. 1,904,339; Apr. 18.
- Wiggins, John H., Tulsa, Okla. Storage tank for volatile gases and liquids. 1,906,685; May 2.
- Wiggins, John H., Tulsa, Okla. Gas holders. 1,912,675; June 6.
- Wiggins, John H., Tulsa, Okla. Gas or liquid storage device. 1,917,622; July 11.
- Wiggins, John H., Tulsa, Okla. Storage tank for volatile gases and liquids. 1,917,623; July 11.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 1,930,493; Oct. 17.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 1,930,494; Oct. 17.
- Wiggins, John H., Tulsa, Okla. Gas and liquid storage device. 1,930,495; Oct. 17.
- Wiggins, Leslie A., assignor to Revere Copper & Brass Incorporated, Rome, N. Y. Pipe-fitting. 1,934,022; Nov. 7.
- Wiggins, Leslie A., assignor to Revere Copper & Brass Incorporated, Rome, N. Y. Pipe fitting. 1,935,425; Nov. 14.
- Wight, Edward H. (See Ober, B., and Wight.)
- Wight, Edward H., assignor to The Oberphos Company, Baltimore, Md. Baking powder. 1,926,572; Sept. 12.
- Wight, Sedgwick N., and J. F. Merkel, assignors to General Railway Signal Company, Rochester, N. Y. Train-dispatching system for railroads. 1,926,863; Sept. 12.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Time element device. 1,928,802; Oct. 3.
- Wightman, Merle J., Seattle, Wash., assignor to Domestic Stoker Company, New York, N. Y. Driving mechanism. 1,925,127; Sept. 5.
- Wightman, Rolan J. (See Feldmeier, H., and Wightman.)
- Wightman, Rolan J. (See Feldmeier, H., Wightman, and Steves.)
- Wightman, Rolan J., and H. Feldmeier, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Pasteurizer. 1,915,810; June 27.
- Wigley, Frank S., Barnes, London, and L. F. Austing, Bromley, England, assignors to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 1,899,656; Feb. 28.
- Wigley, Frank S., Barnes, and L. F. Austing, Bromley, England. Landing gear for aircraft. 1,928,471; Sept. 26.
- Wigly Candy Company. (See Lantenberg, D., and Stefandel, assignors.)
- Wigly Candy Company. (See Lidsky, Louis, assignor.)
- Wike, Reginald E., Detroit, Mich. Electric generator regulator for motor vehicle electric systems. 1,939,870; Dec. 19.
- Wikkenhauser, Gustav, Berlin-Halensee, assignor to Telehor Aktien-Gesellschaft, Berlin-Charlottenburg, Germany. Television and picture transmitting apparatus. 1,920,119; July 25.
- Wikle, George F., Milwaukee, Wis., assignor to R. W. Boyden and C. A. Dana, receivers of The Fisk Rubber Company. Building pneumatic tires. 1,913,422; June 13.
- Wikstrand, Anders, Mora, Sweden. Cable tightening and holding device for load pulling apparatus. 1,905,542; Apr. 25.
- Wikstrand, Anders, Mora, Sweden. Ladder-like structure. 1,912,331; May 30.
- Wikstrom, Oskar W., assignor to P. E. Ginn, deceased, Newton, Mass.; Everett W. Ginn, administrator. Box-folding machine. 1,894,209; Jan. 10.
- Wilber, Thomas H. (See Fink, C. G., and Wilber.)
- Wilberg, Johannes, Hilden, Germany. Apparatus for the mass production of cast articles. 1,925,890; Sept. 5.
- Wilbur, Oscar J. (See Guthrie, R. G., and Wilbur.)
- Wilbur, Lawrence S., Evanston, Ill. Cleaning lubricating waste or packing. 1,896,267; Feb. 7.
- Wilbur, Peter L., Tuckahoe, N. Y., assignor to Wil-X-M-F'G Corporation. Spraying device. 1,935,687; Nov. 21.
- Wilbur, Peter L., Tuckahoe, N. Y., assignor to Wil-X-M-F'G Corporation. Spraying device. 1,935,688; Nov. 21.
- Wilbur, Peter L., Tuckahoe, N. Y., assignor to Wil-X-M-F'G Corporation. Spraying device. 1,935,689; Nov. 21.

- Wilbur, Ralph C., Brooklyn, assignor to General Chemical Company, New York, N. Y. Adsorbent. 1,916,902; July 4.
- Wilbur White Chemical Company, The. (See Sherman, James M., assignor.)
- Wilcken, Wilhelm. (See Ludecke, C., and Wilcken.)
- Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
- Wilcolator Company, The. (See Fonseca, E. L., Hunt, and Barnum, assignors.)
- Wilcolator Company, The. (See Hunt, Edward McK., and Fonseca, assignors.)
- Wilcox, Chester M., Charlotte, Mich., assignor to General Apparatus Corporation, New York, N. Y. Variable condenser and apparatus for operating and supporting the same. 1,932,498; Oct. 31.
- Wilcox Company, The. (See Wilcox, Joseph S., assignor.)
- Wilcox Drain Corporation. (See Wilcox, Paul M., assignor.)
- Wilcox, Edson B., Meriden, Conn. Automatic cut-out device for the starting motors of internal-combustion engines. 1,919,817; July 25.
- Wilcox, George, Riverside, Calif., assignor to California Canning Machinery Company. Peach pitting machine. 1,921,276; Aug. 8.
- Wilcox, Harry A., Jr., assignor to The Engineering and Research Corporation, New Haven, Conn. Switch. 1,928,472; Sept. 26.
- Wilcox, Harry C., and W. E. Coakley, assignors to Pressed Steel Tank Company, Milwaukee, Wis. Mechanical pickler. 1,939,426; Dec. 12.
- Wilcox, Howard, New York, N. Y., assignor to The Chain Products Company, Cleveland, Ohio. Sales cabinet for tire chains. 1,919,349; July 25.
- Wilcox, Joseph S., assignor to The Wilcox Company, Athol, Mass. Reenforcing frame member for toilet articles. 1,897,354; Feb. 14.
- Wilcox, Leland J., Adel, Iowa. Automatic pressure release gauge. 1,900,533; Mar. 7.
- Wilcox, Paul M., assignor to Wilcox Drain Corporation, La Porte, Ind. Roof drain. 1,918,509; July 18.
- Wilcox-Rich Corporation. (See Dannell, Arthur G., assignor.)
- Wilcox-Rich Corporation. (See Dyer, Harold I., assignor.)
- Wilcox-Rich Corporation. (See Hoern, Joseph H., assignor.)
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Header mechanism. 1,894,526; Jan. 17.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Finger-grip mechanism. 1,929,862; Oct. 10.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Making articles having a polygonal cross section. 1,934,752; Nov. 14.
- Wilcox, Robert A. (See Buescher, L. F., and Wilcox.)
- Wilcox, William D., Lawrence, Kans. Apparatus for the thermal dissociation of hydrocarbon gases and vapors. 1,892,862; Jan. 3.
- Wilcox, William D., Lawrence, Kans. Dissociating hydrocarbon gases and vapors to produce a mixture of nitrogen and hydrogen in determined proportions. 1,901,136; Mar. 14.
- Wilcox, William D., Lawrence, Kans. Producing mixtures of carbon monoxide and hydrogen. 1,905,326; Apr. 25.
- Wilcox, William D., Lawrence, Kans. Apparatus for the thermal dissociation of hydrocarbon gases and vapors. 1,916,545; July 4.
- Wilcox, William D., Lawrence, Kans. Dissociating hydrocarbon gases and vapors to obtain finely divided carbon and a mixture of nitrogen and hydrogen in controlled proportions. 1,918,362; July 18.
- Wilcox, William D., Lawrence, Kans. Obtaining carbon black and a gaseous mixture of hydrogen and nitrogen in controlled proportions by the thermal dissociation of hydrocarbon gases and vapors. 1,929,664; Oct. 10.
- Wilcox, William D., Idaho Falls, Idaho. Converting natural gas and similar gaseous hydrocarbons into a mixture of carbon monoxide and hydrogen in controlled proportions. 1,903,845; Apr. 18.
- Wilcox, William D., Kansas City, Mo. Obtaining carbon black and hydrocarbons of more complex molecular structure by the pyrolytic dissociation of hydrocarbon gases and vapors. 1,916,291; July 4.
- Wilcox, William D., Kansas City, Mo. Apparatus for dissociating hydrocarbon gases. 1,929,665; Oct. 10.
- Wilcox, William H. (See D'Amico, A., Hild, and Wilcox.)
- Wilcoxson, John F., Vernal, Utah. Cutter bar operating means. 1,921,493; Aug. 8.
- Wild, Alfred, Milwaukee, Wis. Safety igniter for gas burners. 1,933,129; Oct. 31.
- Wild, Gottlob L., Holtsville, N. Y. Sewing cabinet. Des. 90,133; June 13.
- Wild, Laurent H., Audubon, N. J., assignor to The Metropolitan Sewing Machine Corporation, Nyack, N. Y. Stitch. 1,917,412; July 11.
- Wild, Rudolf L. R., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Friction material. 1,898,025; Feb. 21.
- Wildberg, Henry, assignor to The United Milk Crate Corporation, Cincinnati, Ohio. Bottle crate. 1,924,475; Aug. 29.
- Wilde, Frederick H., Chicago, Ill., assignor to Guy S. Faber. Air conditioning apparatus. 1,895,954; Jan. 31.
- Wilde, George F., Keyport, N. J. Dry glazing process. 1,896,929; Feb. 7.
- Wilde, Henry D., Jr. (See Moore, T. V., and Wilde.)
- Wilde, John. (See Reynolds, Walter M., assignor.)
- Wilde, Mack J., Chicago, Ill. Bumper. 1,926,131; Sept. 12.
- Wilder, Charles J. (See Butcher, S., and Wilder.)
- Wilder, Francis E. P., et al. (See Moran, J. L., and Lee, assignors.)
- Wilder, Harold F., Chatham, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Carrier current telegraphy. 1,932,997; Oct. 31.
- Wilder, Harold K., assignor to Kellogg Company, Battle Creek, Mich. Storage carton. 1,920,227; Aug. 1.
- Wilder, Perley S. (See Minshall, J. A., and Wilder.)
- Wildermuth, William, Lancaster, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for producing sheet glass. 1,932,651; Oct. 31.
- Wildhaber, Ernest, Brooklyn, N. Y. Gearing. 1,893,572; Jan. 10.
- Wildhaber, Ernest, Brooklyn, N. Y. Gearing. 1,895,360; Jan. 24.
- Wildhaber, Ernest, Brooklyn, N. Y. Worm gearing. 1,902,683; Mar. 21.
- Wildhaber, Ernest, Brooklyn, N. Y. Worm gearing. 1,903,318; Apr. 4.
- Wildhaber, Ernest, Brooklyn, N. Y. Photographic camera. 1,910,731; May 23.
- Wildhaber, Ernest, Brooklyn, N. Y. Cutting tool. 1,913,865; June 13.
- Wildhaber, Ernest, Brooklyn, N. Y. Producing audible pictures. 1,921,494; Aug. 8.
- Wildhaber, Ernest, Brooklyn, N. Y. Cutting gears. 1,924,476; Aug. 29.
- Wildhaber, Ernest, Brooklyn, N. Y. Forming gears. 1,934,754; Nov. 14.
- Wildhaber, Ernest, Brooklyn, N. Y. Projecting pictures. 1,935,219; Nov. 14.
- Wildhaber, Ernest, Brooklyn, N. Y. Projecting pictures. 1,935,220; Nov. 14.
- Wildhaber, Ernest, Brooklyn, assignor to Gleason Works, Rochester, N. Y. Tool for cutting gears. 1,904,384; Apr. 18.
- Wildhaber, Ernest, Rochester, N. Y. Method of and device for forming cutting tools. 1,910,730; May 23.
- Wildhagen, Max. (See Pier, M., Wildhagen, and Schunck.)
- Wildin, George W., Pittsburgh, Pa. Pin lock. 1,898,071; Feb. 21.
- Wildin, George W., Pittsburgh, Pa., assignor, by mesne assignments, to Cardwell Westinghouse Company, Chicago, Ill. Friction shock absorbing mechanism. 1,897,780; Feb. 14.
- Wildin, George W., Pittsburgh, Pa., assignor, by mesne assignments, to Cardwell Westinghouse Company, Chicago, Ill. Friction draft rigging. 1,917,626; July 11.
- Wildin, George W., Pittsburgh, Pa., assignor, by mesne assignments, to Cardwell Westinghouse Company, Chicago, Ill. Shock absorbing mechanism. 1,938,881; Dec. 12.
- Wildman, Harry G., Westmount, Quebec, Canada, assignor of one-half to Carl H. Fowler, New York, N. Y. Recovering mercury. 1,896,876; Feb. 7.
- Wildman, Karl W., Beaverton, Oreg. Automobile trunk. 1,941,375; Dec. 26.
- Wildroot Company Inc., The. (See Ritchie, Albert E., assignor.)
- Wildt and Company, Limited. (See Cole, Alfred R., and B. T., assignors.)
- Wildt and Company Limited. (See Holmes, Henry H., assignor.)
- Wildt and Company Limited. (See Wildt, E., and Holmes.)
- Wildt and Company Limited. (See Wildt, E., and Holmes, assignors.)
- Wildt, Edwin, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Circular knitting machine. 1,928,803; Oct. 3.
- Wildt, Edwin, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 1,933,130; Oct. 31.
- Wilent, Charles E., Tracy, Calif. X-Ray operating table. 1,925,425; Sept. 5.
- Wiles, Charles L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Ring forming machine. 1,898,072; Feb. 21.
- Wiles, James A., Hamilton, Ohio. Storage battery terminal puller. 1,896,338; Feb. 7.
- Wiles, James A., deceased, Hamilton, Ohio, assignor, by distribution of court to Mabel F. Wiles. Automatic ash screen and sifter. 1,909,599; May 16.
- Wiles, Mabel F. (See Wiles, James A., assignor.)
- Wiles, Sydney T., assignor to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Refractory lined hollow electrodes. 1,912,560; June 6.
- Wiles, Sydney T., Buffalo, N. Y., assignor to Buffalo Electric Furnace Corporation. Apparatus for electrothermic reduction of ores. 1,934,634; Nov. 7.
- Wiley, Edward B., Somerville, Mass. Flag holder. 1,896,832; Feb. 7.
- Wiley, Esmond F., Oakland, assignor to Universal Window Company, Berkeley, Calif. Awning type window. 1,934,290; Nov. 7.

- Wiley, Glen M., Dayton, Ohio. Dumping receptacle. 1,898,328; Feb. 21.
- Wiley, Lee M., and J. W. Wharton, Marion, Ind., assignors to Delta Electric Company. Self-contained lighting unit. 1,913,696; June 13.
- Wiley, Merlin. (See Ramage, Alexander S., assignor.)
- Wiley, Parke E. (See Marshall, J. K., and Wiley.)
- Wiley, Raymond D., assignor to Dayton Scale Company, Dayton, Ohio. Tape drive. 1,921,402; Aug. 8.
- Wiley, Robert E., and G. R. Olson, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 1,913,781; June 13.
- Wiley, Roger F., Denver, Colo., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill. Lining anchoring means. 1,901,424; Mar. 14.
- Wiley, Roy A., and C. L. Wolfe, assignors to The Electric Sprayit Company, South Bend, Ind. Blow torch. 1,915,141; June 20.
- Wiley, Wallace K., and H. J. Cudney, Buffalo, assignors to Flexlume Corporation, Tonawanda, N. Y. Illuminated sign. 1,900,747; Mar. 7.
- Wiley, William R., Detroit, Mich. Closure for tanks or radiators. 1,914,227; June 13.
- Wiley, William R., Detroit, Mich., assignor to The Bassick Company, Bridgeport, Conn. Hood fastener. 1,930,298; Oct. 10.
- Wiley, William R., Altoona, Pa. Folding crate. 1,937,452; Nov. 28.
- Wilford, Edward Burke, Merion, Pa. Aircraft. 1,905,776; Apr. 25.
- Wilfred, Thomas, Forest Hills, N. Y. Light projection display. 1,908,203; May 9.
- Wilhaber, Ernest, Brooklyn, N. Y. Transmitting facsimiles. 1,934,753; Nov. 14.
- Wilhelm, Benjamin L., Chicago, Ill. Contact eyeglass construction. 1,929,228; Oct. 3.
- Wilhelm, Franz W., Chicago, Ill. Drawing board. 1,898,514; Feb. 21.
- Wilhelm, Fred C., assignor to The Unipress Company, Inc., Minneapolis, Minn. Pressing pad ventilating apparatus. 1,900,748; Mar. 7.
- Wilhelm, Harold F., East Orange, N. J., assignor, by mesne assignments, to Wearn's Inventions, Ltd., Auckland, New Zealand. Belt tightening pulley. 1,902,980; Mar. 28.
- Wilhelm, John H. (See Grubman, L. J., and Wilhelm.)
- Wilhelm, John H., Rockaway Beach, assignor, by mesne assignments, to Margon Corporation, New York, N. Y. Eye set for dolls. 1,910,911; May 23.
- Wilhelm, John H., Rockaway Beach, assignor, by mesne assignments, to Margon Corporation, New York, N. Y. Frazing tool. 1,916,874; July 4.
- Wilhelm, Robert, Leipzig, Germany. Figure. 1,920,027; July 25.
- Wilhelm, Robert M. (See Fairchild, C. O., and Wilhelm.)
- Wilhelm, Robert M., Brooklyn, and D. C. Lightner, Valley Stream, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Universal scale dairy thermometer. 1,892,689; Jan. 3.
- Wilhelm, Walter W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Cylindrical can body and blank therefor. 1,917,174; July 4.
- Wilhelm, Wilson A., Vernon, Tex. Cake stripper. 1,893,854; Jan. 10.
- Wilhite, Ollie B. (See Taylor, A. T., and Wilhite.)
- Wihjelm, Christian, trustee. (See Wihjelm, C., and Johanson, assignors.)
- Wihjelm, Christian, and G. H. Johanson, assignors, by direct and mesne assignments, to C. Wihjelm, trustee, Philadelphia, Pa. Control system and apparatus. 1,916,401; July 4.
- Wihoyte Howard J., Gary, Ind. Floating corner bead. 1,938,474; Dec. 5.
- Wilk, Otto, Newark, N. J. Firearm. 1,898,651; Feb. 21.
- Wilke, Karl, Frankfurt-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing ortho-amino-carboxylic acid esters of the anthraquinone series. 1,929,863; Oct. 10.
- Wilke, Karl, J. Stock, and F. Schubert, Frankfurt-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivative of the benzanthrone-pyrazolanthrone series and preparing them. 1,938,059; Dec. 5.
- Wilke, Wilhelm. (See Mueller-Cunradi, M., and Wilke.)
- Wilkening, Frederick W., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 1,911,735; May 30.
- Wilkening, Frederick W., assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 1,911,736; May 30.
- Wilkening Manufacturing Company. (See Wilkening, Frederick W., assignor.)
- Wilkening Manufacturing Company. (See Wuerfel, William, assignor.)
- Wilkening Manufacturing Company. (See Wuerfel, W., and Platt, assignors.)
- Wilkes, Frederic, Wilkinsburg, Pa. Lubricating apparatus. 1,931,278; Oct. 17.
- Wilkes, John E., Paulsboro, N. J. Receptacle cleaning apparatus. 1,907,395; May 2.
- Wilkiewicz, John. (See Clarke, A. A., and Wilkiewicz.)
- Wilkin, John H., Yorktown, Ind. Bracket construction. 1,920,028; July 25.
- Wilkin, Robert E., assignor to Standard Oil Company, Whiting, Ind. Drawing lubricant. 1,907,920; May 9.
- Wilkins, Albert M., assignor to Cook Electric Company, Chicago, Ill. Draft controller. 1,900,214; Mar. 7.
- Wilkins, Arthur H., Pittsburgh, Pa. Panel wall. 1,898,026; Feb. 21.
- Wilkins, Carroll B., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Waxed paper. 1,938,949; Dec. 12.
- Wilkins, Charles E., and A. W. Rafferty, Sacramento, Calif. Fluid motor. 1,920,285; Aug. 1.
- Wilkins, Herbert L., assignor to Archer Daniels Midland Company, Minneapolis, Minn. Pulverizer. 1,897,744; Feb. 14.
- Wilkins, Richard A., Beverly Farms, assignor to Industrial Development Corporation, Salem, Mass. Electrolytic apparatus. 1,900,534; Mar. 7.
- Wilkins, Richard A., Beverly, assignor to Industrial Development Corporation, Boston, Mass. Burnishing machine. 1,919,152; July 18.
- Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Alloy. 1,924,581; Aug. 29.
- Wilkins, Richard A., Beverly, assignor to Industrial Development Corporation, Boston, Mass. Electrolytic apparatus. 1,941,376; Dec. 26.
- Wilkinson, Arthur W., assignor to Sterling Products Company, Easton, Pa. Container. 1,902,316; Mar. 21.
- Wilkinson, Ernest, Chicago, Ill. Feeding device for live stock. 1,939,748; Dec. 19.
- Wilkinson, Francis C. W., Burnham, England, assignor of one-half to Crane Packing Company, Chicago, Ill., and one-half to Crane Packing Limited, Slough, Buckinghamshire, England. Tubular condenser and similar heat exchange apparatus. 1,936,815; Nov. 28.
- Wilkinson, Francis C. W., Burnham, England, assignor of one-half to Crane Packing Company, Chicago, Ill., and one-half to Crane Packing Limited, Buckinghamshire, England. Condenser and like heat exchange apparatus. 1,941,194; Dec. 26.
- Wilkinson, George D., Oak Park, Ill., and E. D. Pellegrin, Des Plaines, assignors to Cribben & Sexton Company, Chicago, Ill. Range. Des. 89,981; May 23.
- Wilkinson, George S., assignor to D. Napier & Son Limited, London, England. Reciprocating fluid pressure engine pump or compressor. 1,913,224; June 6.
- Wilkinson, Henry, and A. Roe, Barrowshaw, Oldham, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Weighting the slip rolls for laps in textile machines wherein the material acted on is formed into laps. 1,896,831; Feb. 7.
- Wilkinson, Irvine, Philadelphia, Pa. Nut lock. 1,898,801; Feb. 21.
- Wilkinson, John M., Welda, Kans. Scythe blade and snath. 1,935,826; Nov. 21.
- Wilkinson, Robert J. (See Morris, Pratt C., assignor.)
- Wilkinson, Theodore S., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of the Navy. Method and apparatus for smoke signaling from aircraft. 1,912,392; June 6.
- Wilkinson, Wilford W., Cleveland, Ohio. Camp stove. 1,923,131; Aug. 22.
- Will, Carl H., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Heating apparatus for automotive vehicles. 1,895,503; Jan. 31.
- Will, Frederick J., Linden, and G. Grosshans, Elizabeth, N. J. Mattress construction. 1,906,686; May 2.
- Will, Harold N., Kettle Falls, Wash. Internal combustion engine starter mechanism. 1,903,360; Apr. 4.
- Will, James A., Boston, Mass., assignor to The Compound and Pyrono Door Co. Insulated door and the like. 1,907,694; May 9.
- Willadsen, Magnus, Chicago, Ill. Wall-paper scraper. 1,919,351; July 25.
- Willaman, John J., Philadelphia, Pa., and Z. I. Kertesz, Geneva, N. Y., assignors to Rohm & Haas Company, Philadelphia, Pa. Treating plant juices and extracts. 1,932,833; Oct. 31.
- Willans, Peter W., Towcester, and M. Ward, London, England, assignors to Radio Corporation of America. Electrical transformer. 1,903,075; Mar. 28.
- Willard, Alfred R. (See Carleton, C. D., and Willard.)
- Willard, Donald E., Danville, Ill. Supporting means for doors. 1,899,175; Feb. 28.
- Willard, Donald E., assignor to Allith-Prouty Company, Danville, Ill. Door guide structure. 1,952,473; Sept. 5.
- Willard, Donald E., and D. B. D. Blake, Danville, Ill.; said Blake assignor to said Willard. Portable hoist. 1,907,024; May 2.
- Willard, Harry L., Long Beach, Calif. Auto brake tester. 1,939,154; Dec. 12.
- Willard, John M., Los Angeles, Calif., assignor, by mesne assignments, to Crellin Machine Company. Form tie. 1,919,645; July 25.
- Willard, Mary J., Decatur, Ill. Dust mop cleaner. 1,913,782; June 13.
- Willard, Rudolph, Huntington, W. Va. Furniture construction. 1,927,429; Sept. 19.
- Willard Storage Battery Company. (See Carleton, C. D., and Willard, assignors.)
- Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)
- Willard Storage Battery Company. (See Lormor, Henry W., assignor.)
- Willard Storage Battery Company. (See Lormor, H. W., and Marshall, assignors.)

- Willard Storage Battery Company. (See Newkirk, John M., assignor.)
- Willard Storage Battery Company. (See Rose, Clarence C., assignor.)
- Willard Storage Battery Company. (See Severance, Malvern W., assignor.)
- Willard Storage Battery Company. (See Wells, L. E., and Fairclough, assignors.)
- Willard, Waldo W. (See Hewlett, E. M., and Willard.)
- Willard, Waldo W., Schenectady, N. Y., assignor to General Electric Company. Gun fire control apparatus. 1,936,442; Nov. 21.
- Willauer, William R., Philadelphia, Pa., assignor to Marathon Paper Mills Company, Rothschilds, Wis. Process and apparatus for sulfurizing paper board. 1,924,142; Aug. 29.
- Will-Burt Company, The. (See Baer, Edward G., assignor.)
- Willby, Norman H. (See Austin, B. O., and Willby.)
- Willby, Norman H. (See Austin, B. O., Willby, and Brooks.)
- Willcox, Dudley, Lawrenceville, assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Casting method and apparatus. 1,926,573; Sept. 12.
- Willcox & Gibbs Sewing Machine Company. (See Dowd, Charles W., assignor.)
- Willcox & Gibbs Sewing Machine Company. (See Smallbone, Harry E., assignor.)
- Willcox, Roderick H., assignor to Columbus Coated Fabrics Corporation, Columbus, Ohio. Table cover or similar article. Des. 89,351; July 18.
- Wille, Fred, and J. P. Grilli, assignors to H. A. Brassert & Company, Chicago, Ill. Chimney valve. 1,897,781; Feb. 14.
- Wille, Fredrik H., Chicago, Ill., assignor to A. M. Byers Company, Pittsburgh, Pa. Apparatus for making wrought iron. 1,933,577; Nov. 7.
- Wille, Hans. (See Luther, M., and Wille.)
- Willekens, Jacobus J. C., Brussels, Belgium, assignor to The General Carbonalca Company, Wilmington, Del. Manufacture of carbon by dissociation of carbon monoxide starting from a combustible treated in a gas producer. 1,904,585; Apr. 18.
- Willems, Edgar, Chenes-Bougeries, Geneva, Switzerland. Movable key device for musical instruments having keys. 1,901,214; Mar. 14.
- Willems, Jakob. (See Finkelstein, H., and Willems.)
- Willems, Jakob. (See Lehmann, R., Heckmanns, Dobmaier and Willems.)
- Willens, George, Chicago, Ill. Drum for advertising clocks. 1,898,924; Feb. 21.
- Willer, Nicholas L. (See Pine, W. J., and Willer.)
- Willers, George E., assignor to A. D. Cook, Inc., Lawrenceburg, Ind. Well strainer and making same. Re18,968; Oct. 10.
- Willett, Alfred H., West Englewood, and C. A. Siegel, Newark, N. J., assignors to American Arch Company, New York, N. Y. Locomotive boiler. 1,912,676; June 6.
- Willett, Charles G. (See Dean, George E., assignor.)
- Willett, Charles G. (See Dean, G. E., assignor, and Willett.)
- Willett, David E., Johnstown, Pa. Wheel and bumper shield. 1,930,376; Oct. 10.
- Willett, Elvia E. (See Davis, George W., assignor.)
- Willett, Wallace R., New York, N. Y., and H. E. Brown, assignors to American Cotton Picker Corporation, St. Louis, Mo. Driving mechanism for cotton pickers. 1,916,704; July 4.
- Willett, Wallace R., New York, N. Y., and H. E. Brown, assignors to American Cotton Picker Corporation, St. Louis, Mo. Cotton picker. 1,931,519; Oct. 24.
- Willett, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Refractory. 1,893,313; Jan. 3.
- Willett, Paul G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Producing fired ceramic blocks. 1,893,314; Jan. 3.
- Willey, Llewellyn M., assignor to Specialty Insulation Manufacturing Company, Inc., Hoosick Falls, N. Y. Handle. 1,900,423; Mar. 7.
- Willgoos, Andrew V. D., West Hartford, assignor to The Pratt & Whitney Aircraft Company, East Hartford, Conn. Cylinder construction for aircraft engines. 1,926,736; Sept. 12.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,895; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,896; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric collar or similar article. Des. 88,897; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,898; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,899; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,935; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,936; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,937; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,938; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,939; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,940; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,941; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,942; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,943; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric collar or similar article. Des. 88,944; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric collar or similar article. Des. 88,945; Jan. 3.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,998; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 88,999; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,000; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,001; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,002; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,003; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,016; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,017; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,018; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,028; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,029; Jan. 10.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,064; Jan. 17.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,101; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,102; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,103; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,104; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,105; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,106; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,107; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,108; Jan. 24.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,147; Jan. 31.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,229; Feb. 7.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,230; Feb. 7.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,231; Feb. 7.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,249; Feb. 7.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,250; Feb. 7.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,271; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,272; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,289; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,290; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,291; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,292; Feb. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,322; Feb. 21.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,323; Feb. 21.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,366; Feb. 28.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,458; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,474; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,475; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,476; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,477; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,478; Mar. 14.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,543; Mar. 21.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,557; Mar. 28.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,580; Apr. 4.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,581; Apr. 4.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,605; Apr. 11.

- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,665; Apr. 18.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,810; May 2.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,811; May 2.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,861; May 9.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,862; May 9.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 89,982; May 23.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,221; June 27.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,273; July 4.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,465; Aug. 8.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,466; Aug. 8.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,605; Aug. 29.
- Willheim, William, New York, N. Y. Textile fabric or similar article. Des. 90,606; Aug. 29.
- Willheim, William, Co. (See Bacolini, August, assignor.)
- Willheim, William, Co. (See Bridger, Ferdinand, assignor.)
- Willheim, William, Co. (See Brodsky, Michel, assignor.)
- Willheim, William, Co. (See Christen, Marcel, assignor.)
- Willheim, William, Co. (See Daly, Norman, assignor.)
- Willheim, William, Co. (See Fogelberg, Edith M., assignor.)
- Willheim, William, Co. (See Garfinkl, Nathaniel, assignor.)
- Willheim, William, Co. (See Gottesman, Joseph M., assignor.)
- Willheim, William, Co. (See Grulich, Anton, assignor.)
- Willheim, William, Co. (See Gubl, Maclyn, assignor.)
- Willheim, William, Co. (See Headon, Frank, assignor.)
- Willheim, William, Co. (See Hellman, Carl R., assignor.)
- Willheim, William, Co. (See Kohut, Alexander, assignor.)
- Willheim, William, Co. (See Laun, Henri J., assignor.)
- Willheim, William, Co. (See Lukas, Julia, assignor.)
- Willheim, William, Co. (See Megroz, Roger, assignor.)
- Willheim, William, Co. (See Murray, Herman S., assignor.)
- Willheim, William, Co. (See Orcutt, Leon F., assignor.)
- Willheim, William, Co. (See Overmeyer, John, assignor.)
- Willheim, William, Co. (See Reiman, Paul.)
- Willheim, William, Co. (See Richards, Edgar W., assignor.)
- Willheim, William, Co. (See Rother, Louis J., assignor.)
- Willheim, William, Co. (See Rubinger, Louis, assignor.)
- Willheim, William, Co. (See Schmid, Werner, assignor.)
- Willheim, William, Co. (See Schweizer, Jack, assignor.)
- Willheim, William, Co. (See Smith, Marie H., assignor.)
- Willheim, William, Co. (See Steinholz, Gertrude, assignor.)
- Willheim, William, Co. (See Susi, Michelangelo A., assignor.)
- Willheim, William, Co. (See Thompson, Alice M., assignor.)
- Willheim, William, Co. (See Virgile, Gabriel, assignor.)
- Willheim, William, Co. (See Vogelman, Philip A., assignor.)
- Willheim, William, Co. (See Wax, Evelyn.)
- Willheim, William, Co. (See Weitz, Irene A., assignor.)
- Willheim, William Co. Inc. (See Gottesman, Joseph M., assignor.)
- Willheim, William, Co., Inc. (See Libert, Marcel, assignor.)
- Willi, Christopher B., assignor of one-fourth to G. D. Thompson, Heber, Calif. Circuit controlling device. 1,902,744; Mar. 21.
- Willi, Frederick D., assignor to Hump Hairpin Manufacturing Company, Chicago, Ill. Compartmented carton. 1,924,823; Aug. 29.
- William Hall & Company Limited. (See Fawcett, John R., assignor.)
- Williams, Albert J., jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. Transformer. 1,916,352; July 4.
- Williams, Alfred O., Battle Creek, assignor to Clark Tractor Company, Buchanan, Mich. Conveyor. 1,896,386; Feb. 7.
- Williams, Andrew C., assignor of one-half to A. H. Doughty, Lansing, Mich. Electric brake mechanism. 1,896,035; Jan. 31.
- Williams, Annie M., guardian. (See Williams, Frank H.)
- Williams, Armand A., assignor of one-fourth to L. Fink and one-fourth to G. K. Sweeney, Ghent, W. Va. Automatic gate. 1,903,208; Mar. 28.
- Williams, Arthur. (See Germond, H. S., and Williams.)
- Williams, Arthur. (See Griffin, J. F., and Williams.)
- Williams, Arthur, Calumet City, Ill., assignor to The Superheater Company. Fluid cut-off. 1,935,197; Nov. 14.
- Williams, Arthur A., Holliston, Mass. Armored shoe. Re18,932; Sept. 5.
- Williams, Arthur H. T., assignor of one-half to Roy Feldenheimer, Portland, Oreg. Concealed doorcheck. 1,897,351; Feb. 14.
- Williams, Arthur M. (See Kauffman, I. H., and Williams.)
- Williams, Arthur M., Dearborn, Mich. Coin and slug segregating apparatus. 1,893,692; Jan. 10.
- Williams Bakery, The. (See Hawks, Joseph W., assignor.)
- Williams, Benjamin M., Atlanta, Ga., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Paper receptacle. 1,914,547; June 20.
- Williams Brothers Manufacturing Company, The. (See Stocking, William R., assignor.)
- Williams, C. A., jr., et al. (See Bradshaw, Frank F., assignor.)
- Williams, C. A., sr., et al. (See Bradshaw, Frank F., assignor.)
- Williams, Calvin C., Philadelphia, Pa. Valve actuating mechanism. 1,915,586; June 27.
- Williams, Charles B., Shaker Heights, assignor to Williams Industries, Inc., Cleveland, Ohio. Pressure release for wringers. 1,929,461; Oct. 10.
- Williams, Charles C. (See Beesley, L., and Williams.)
- Williams, Charles E., assignor to General Motors Corporation, Detroit, Mich. Carburetor. 1,905,258; Apr. 25.
- Williams, Charles E., Edgewood Borough, assignor of forty-four per cent to A. W. Bendig and five per cent to R. W. Williams, Pittsburgh, Pa. Adjustable connector. 1,931,400; Oct. 17.
- Williams, Charles H. (See Green, T. L., and Williams.)
- Williams, Charles L., Alhambra, assignor to Charles Haas, San Gabriel, Calif. Oil can. 1,915,343; June 27.
- Williams, Charles W., assignor to American Air Filter Company, Inc., Louisville, Ky. Automatic flushing device. 1,895,597; Jan. 31.
- Williams, Chester E. (See McEntee, J. A., and Pelletier, assignors.)
- Williams, Clarence E., Chicago, Ill., assignor of one-half to T. B. Watkins, Kansas City, Mo. Clutch mechanism. 1,925,161; Sept. 5.
- Williams, Clodius H., Schenectady, N. Y., assignor to General Electric Company. Electrical regulating system. 1,913,146; June 6.
- Williams, Clyde E., Columbus, Ohio. Purifying metals. 1,921,060; Aug. 8.
- Williams Company, The. (See Boehler, Raymond F., jr., assignor.)
- Williams Company, The. (See Robbins, William H., assignor.)
- Williams Company, The. (See Robbins, W. H., and Boehler, assignors.)
- Williams, David T., Larchmont, N. Y. Lubricating device. 1,910,732; May 23.
- Williams, David T., New York, N. Y. Railway motor. 1,916,242; July 4.
- Williams, David T., New York, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoking mechanism. 1,920,334; Aug. 1.
- Williams, Djalma D., Dallas, Tex., assignor to Chicago Bridge and Iron Company, Chicago, Ill. Wrecking device. 1,900,031; Mar. 7.
- Williams, Djalma D., Dallas, Tex., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Sealing construction for tanks. 1,903,306; Apr. 4.
- Williams, Donald G., Broken Bow, Nebr. Cultivator fender. 1,897,158; Feb. 14.
- Williams, Edward H., deceased, Latrobe, Pa., by Effie R. Williams, executrix. Ingot mold. 1,936,280; Nov. 21.
- Williams, Edward T., New Rochelle, N. Y. System and method of lubricating compressors. 1,895,092; Jan. 24.
- Williams, Edward T., New Rochelle, N. Y. Evaporator. 1,906,296; May 2.
- Williams, Edward T., New Rochelle, N. Y. Refrigeration. 1,923,899; Aug. 22.
- Williams, Edward T., New Rochelle, N. Y. Refrigeration. 1,927,146; Sept. 19.
- Williams, Edward T., Pelham Manor, N. Y. Temperature control chamber. 1,903,951; Apr. 18.
- Williams, Effie R., executrix. (See Williams, Edward H.)
- Williams, Elmer R. (See Walker, J. P., and Williams.)
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Valve controlling means. 1,897,745; Feb. 14.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Fluid and liquid control device for containers. 1,907,025; May 2.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Liquid and fluid control. 1,907,165; May 2.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Separator. 1,907,166; May 2.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Valve controlling means. 1,909,328; May 16.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Fluid control device. 1,928,146; Sept. 26.
- Williams, Elmer R., assignor to National Tank Company, Tulsa, Okla. Controlling the flow of fluids. 1,941,030; Dec. 26.
- Williams, Emerson M., et al. (See Jackson, Frank F., assignor.)
- Williams, Emrys M., Akron, Ohio. Electrical outlet or switch. 1,938,309; Dec. 5.
- Williams Engineering Corporation, The. (See Williams, Villor P., assignor.)
- Williams, Ernest R., Hartford, Conn. Window-sill construction. 1,929,045; Oct. 3.
- Williams, Ernest W., Golders Green, London, England. Secondary battery. 1,918,947; July 18.
- Williams, Estelle P. (See Williams, Villor P., assignor.)

- Williams, Evan C. and H. P. A. Groll, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Refining of mineral oils by means of alloys or loosely bound compounds of alkali metals. 1,939,839; Dec. 19.
- Williams, Francis C., Detroit, Mich. Speed reduction transmission and adjustable bearings therefor. 1,901,619; Mar. 14.
- Williams, Francis M., and E. W. Coble, assignors of two-thirds to The Commerce Guardian Bank, Toledo, Ohio. Floor mat. 1,908,585; May 9.
- Williams, Francis M., and E. W. Coble, assignors of two-thirds to The Commerce Guardian Bank, trustee, Toledo, Ohio. Edge strip anchorage means for link rugs. 1,914,680; June 20.
- Williams, Frank C. (See Morten, W. R., and Williams.)
- Williams, Frank E. (See Timmis, R. W., and Williams, assignors.)
- Williams, Frank H., incompetent, by A. M. Williams, guardian, Buffalo, assignor to Spiral-Rolled Products Company, Inc., New York, N. Y. Making spikes. 1,897,159; Feb. 14.
- Williams, Frank L., assignor to American Tool and Machine Company, Hyde Park, Mass. Dumping receptacle. 1,908,392; May 9.
- Williams, Frank L., assignor to American Tool and Machine Company, Hyde Park, Mass. Centrifugal apparatus. 1,914,764; June 20.
- Williams, Frank M., Watertown, N. Y. Producing dry size. 1,908,716; May 16.
- Williams, Frank R., Philadelphia, Pa. Polishing composition. 1,895,872; Jan. 31.
- Williams, Franklin, Inc. (See Franzen, E. T., and Weiss, assignors.)
- Williams, French B. (See McDonough, J. L., and Williams.)
- Williams, George A., Los Angeles, Calif. Direct air pulsator. 1,898,652; Feb. 21.
- Williams, George A., assignor to Williams Sealing Corporation, Decatur, Ill. Mechanism for applying caps to containers. 1,912,677; June 6.
- Williams, George F., Longmeadow, Mass. Oil burner apparatus. 1,911,661; May 30.
- Williams, George T., and W. F. Story, assignors to National Screen Company Incorporated, Suffolk, Va. Locking device for extensible screens and the like. 1,923,804; Aug. 22.
- Williams, George W., Oak Park, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Liquid cooler. Re18 953; Sept. 19.
- Williams, Gladys R. T., Cleveland, Ohio. Electric butter churn. 1,900,626; Mar. 7.
- Williams, H. E., Products Company. (See Williams, H. E., Garrigues, and Richardson, assignors.)
- Williams, Harold E., H. L. Garrigues, and W. F. Richardson, assignors to H. E. Williams Products Company, Carthage, Mo. Window screen. 1,918,073; July 11.
- Williams, Harold W., and D. Santini, East Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, Relay. 1,902,602; Mar. 21.
- Williams, Harrison R., New York, N. Y. Paper-marking machine. 1,901,425; Mar. 14.
- Williams, Harrison R., New York, N. Y. Method and apparatus for preparing wood pulp for carding. 1,909,083; May 16.
- Williams, Harrison R., New York, N. Y. Catamenial napkin. 1,910,872; May 23.
- Williams, Harrison R., Glens Falls, N. Y. Carding and forming apparatus. 1,925,550; Sept. 5.
- Williams, Harry, Birmingham, and W. M. Lipps, Detroit, Mich., assignors to American Cable Company, Inc. Brake. 1,941,122; Dec. 26.
- Williams, Harry A. (See Hynes, L. P., and Williams.)
- Williams, Harry A., assignor to Hynes & Cox Electric Corporation, Albany, N. Y. Mixing valve. 1,927,054; Sept. 19.
- Williams, Harry J., Zephyrhills, Fla. Figure toy. Des. 89,004; Jan. 10.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register drawer cabinet. Des. 90,638; Sept. 5.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register drawer cabinet. Des. 90,639; Sept. 5.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register cabinet. Des. 91,048; Nov. 14.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register cabinet. Des. 91,049; Nov. 14.
- Williams, Harry J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register cabinet. Des. 91,257; Dec. 26.
- Williams, Harry M., assignor to Frigidaire Corporation, Dayton, Ohio. Detecting leaks in refrigerating systems. 1,909,992; May 23.
- Williams, Harry M., Dayton, Ohio, assignor, by mesne assignments, to Frigidaire Corporation. Refrigeration. 1,910,077; May 23.
- Williams, Harry M., assignor to Frigidaire Corporation, Dayton, Ohio. Method and composition for detecting leaks in refrigerating systems. 1,915,965; June 27.
- Williams, Harry S., assignor to W. A. Bryans, Denver, Colo. Collapsible fountain syringe. 1,901,069; Mar. 14.
- Williams and Harvey Nurseries Co. (See Buehler, F., and Eagleson, assignors.)
- Williams, Henry K., Jr. (See Knight, T. F., and Williams.)
- Williams Industries, Inc. (See Williams, Charles B., assignor.)
- Williams, Ira, Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing age-resisting rubber compositions and product obtained thereby. 1,908,093; May 9.
- Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 1,938,651; Dec. 12.
- Williams, Ira, Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensing aromatic amines with butyraldehyde and products obtained thereby. 1,939,192; Dec. 12.
- Williams, Ira, Woodstown, N. J., and A. M. Neal, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 1,902,005; Mar. 21.
- Williams, Ira, Woodstown, N. J., and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 1,913,621; June 13.
- Williams, Ira, Woodstown, N. J., and C. W. Croco, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 1,928,773; Oct. 3.
- Williams, Ira, and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber vulcanization. 1,940,280; Dec. 19.
- Williams, J. B., Company, The. (See Williams, Philip K., assignor.)
- Williams, J. H., Providence, R. I. Tenter clip. 1,927,998; Sept. 26.
- Williams, J. L. (See Warren, Edgar W., assignor.)
- Williams, J. L., et al. (See Bradshaw, Frank F., assignor.)
- Williams, Jacob, Flushing, N. Y. Combined pan scraper, shovel, and broom. 1,922,998; Aug. 15.
- Williams, James B., Minden, La. Automatic lighter. 1,898,863; Feb. 21.
- Williams, James R. (See Williams, Robert T. and J. R.)
- Williams, John, Chicago, Ill. Production of negative for offset printing plates. 1,939,749; Dec. 19.
- Williams, John A., Morrisville, Pa., assignor to Mitchell-Bissell Co., Trenton, N. J. Textile thread guide and making same. 1,908,717; May 16.
- Williams, John A., Newark, N. J., assignor of one-half to J. F. Brandenburg, New York, N. Y. Filament cleaning, cutting, and forming machine. 1,936,559; Nov. 21.
- Williams, John C., Steubenville, Ohio, J. S. Williamson, J. Echols, Weirton, W. Va., C. H. Hunt and G. W. Vreeland, Steubenville, Ohio, assignors to Weirton Steel Company. Production of sheet metal. 1,906,297; May 2.
- Williams, John D., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Switchboard cord and preparing the same. 1,926,416; Sept. 12.
- Williams, John E., Chicago, Ill. Changeable letters. 1,896,131; Feb. 7.
- Williams, John J. (See Gray, D. M., and Williams.)
- Williams, John J., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Machine for vacuum sealing. 1,904,842; Apr. 18.
- Williams, John J., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Vacuum sealer for screw cap containers. 1,908,003; May 9.
- Williams, John J., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Two-piece jar closure. 1,920,286; Aug. 1.
- Williams, John J., and D. M. Gray, assignors to Hazel-Atlas Glass Co., Wheeling, W. Va. Automatic clutch throw-out. 1,909,156; May 16.
- Williams, John W., Chicago, Ill. Sanding machine. 1,927,330; Sept. 19.
- Williams, Joseph T. C., and R. J. Townsend, Arcadia, Pa. Detonator safety device. 1,897,685; Feb. 14.
- Williams, Judson, Philadelphia, Pa. Piston and ring assembly. 1,908,718; May 16.
- Williams, Juliet E. (See Short, S. G., and Williams.)
- Williams, Lee B., Pittsburgh, Pa. Toy projectile. 1,894,333; Jan. 17.
- Williams, Leo K., Omaha, Nebr. Page storage cabinet. 1,920,825; Aug. 1.
- Williams, Leo L. (See Gordon, Le-R. V., and Williams.)
- Williams, Leonard S., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Generator and brush holder. 1,908,805; May 16.
- Williams, Leroy E., assignor to Highway Trailer Company, Edgerton, Wis. Jack for semitrailers. 1,925,827; Sept. 5.
- Williams, Lester J., assignor to Carl Braun Inc., Canastota, N. Y. Can washing machine. 1,916,595; July 4.
- Williams, Lewis S., Berrien Springs, Mich. Folding chair. 1,895,115; Jan. 24.
- Williams, Lewis W., Morris Township, Morris County, assignor to Motor Improvements, Inc., Newark, N. J. Flame arrester for carburetors. 1,916,705; July 4.
- Williams, Lyman W., Terre Haute, Ind. Hot water system and valve therefor. 1,913,622; June 13.
- Williams, Lynn A., et al., trustees. (See Bracke, Robert F., assignor.)

- Williams, Lynn A., et al, trustees. (See Spohr, Carl W., assignor.)
- Williams, Lynn A., et al., trustee. (See Stokes, Charles L., assignor.)
- Williams, Merton F., and C. F. Morse, Danvers, Mass. Supplemental table top. 1,921,645; Aug. 8.
- Williams Oil-O-Matic Heating Corporation. (See Candler, Philip A., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Koppersmith, Fred W., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Williams, Walter W., assignor.)
- Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, Glenn F., assignor.)
- Williams, Percy Q. (See De Coriolis, E. G., and Williams.)
- Williams, Percy Q., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Heating apparatus for glass furnaces. 1,894,249; Jan. 10.
- Williams, Philip K., assignor to The J. B. Williams Company, Glastonbury, Conn. Receptacle for safety razor blades. 1,910,374; May 23.
- Williams Products, Inc. (See Williams, William J., assignor.)
- Williams, Ralph, Sydney, New South Wales, Australia. Apparatus for centrifugally molding concrete blocks, slabs, and the like articles. 1,931,597; Oct. 24.
- Williams, Reginald V., Buffalo, N. Y. Self-feeding solder pencil. 1,929,666; Oct. 10.
- Williams, Reginald V., Buffalo, N. Y. Dental sprue former. 1,939,479; Dec. 12.
- Williams, Richard. (See Knutzen, M. T., and Williams.)
- Williams, Richard A., assignor to Yates-American Machine Company, Beloit, Wis. Sander drum. 1,922,905; Aug. 15.
- Williams, Richard A., assignor to Yates-American Machine Company, Beloit, Wis. Brake for woodworking machines. 1,928,637; Oct. 3.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Producing sound. 1,923,959; Aug. 22.
- Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Oscillator mounting. 1,923,960; Aug. 22.
- Williams, Robert T., Quincy, Ill. Motor operated valve. 1,901,070; Mar. 14.
- Williams, Robert T., and J. R., Quincy, Ill. Temperature regulating device. 1,937,929; Dec. 5.
- Williams, Roger, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic synthesis. 1,909,442; May 16.
- Williams, Roger, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen production. 1,938,202; Dec. 5.
- Williams, Roger S., Leonia, N. J. Method and mechanism for lubricating locomotive driving rod journals. 1,927,430; Sept. 19.
- Williams, Rolland G., assignor to Malleable Iron Fittings Company, Branford, Conn. Pole fixture for electrical conductors. 1,911,334; May 30.
- Williams, Ross L., South Gate, Calif. Sanitary covering for lunch-room counters and tables. 1,914,060; June 13.
- Williams, Roy C., Wayne, Ohio. Valve puller. 1,918,578; July 18.
- Williams, Rudolph W. (See Williams, Charles E., assignor.)
- Williams, Samuel F., San Diego, Calif. Rod coupling. 1,918,306; July 18.
- Williams, Seaborn Z., Cleveland, Ohio. Paper umbrella. 1,924,426; Aug. 29.
- Williams, Seaborn Z., Cleveland, Ohio. Paper umbrella. 1,924,427; Aug. 29.
- Williams Sealing Corporation. (See Williams, George A., assignor.)
- Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Air chuck. 1,905,777; Apr. 25.
- Williams, Shepp A., Bristol, Va. Automatic grave cover. 1,916,941; July 4.
- Williams, Thomas, New Castle, Pa. Collapsible tube cap. 1,922,999; Aug. 15.
- Williams, Thomas C., East Bakersfield, Calif. Building construction. 1,912,561; June 6.
- Williams, Thomas D. (See Ralston, H. C., and Williams.)
- Williams, Thomas F. (See Hause, D. B., and Williams.)
- Williams, Thomas J., Camden, N. Y. Feeder for printing presses. 1,908,094; May 9.
- Williams Tool Corporation. (See Warman, Lawrence K., assignor.)
- Williams, Tudor R. (See Hopkinson, H., and Britton, assignors.)
- Williams, Villor P., assignor, by mesne assignments, to E. P. Williams, Baltimore, Md. Universal joint with adjustable bushings. 1,899,840; Feb. 28.
- Williams, Villor P., assignor, by mesne assignments, to E. P. Williams, Baltimore, Md. Universal joint with lubricating shroud. 1,913,783; June 13.
- Williams, Villor P., Baltimore, Md., assignor to The Williams Engineering Corporation. Sealing device and resilient thrust washer. 1,929,009; Oct. 3.
- Williams, Villor P., assignor, by mesne assignments, to E. P. Williams, Baltimore, Md. Ball and socket universal joint. 1,940,779; Dec. 26.
- Williams, Walter J., Woodhaven, N. Y. Apparatus for and method of handling films or other articles. Re18,991; Nov. 7.
- Williams, Walter J., Woodhaven, N. Y. Print handling apparatus. 1,934,578; Nov. 7.
- Williams, Walter W., Bloomington, Ill. Fluid fuel burner for domestic heating purposes. 1,892,757; Jan. 3.
- Williams, Walter W., Bloomington, Ill. Burner assembly. 1,934,755; Nov. 14.
- Williams, Walter W., Bloomington, and I. E. McCabe, Chicago, Ill. Oil burner construction. 1,924,670; Aug. 29.
- Williams, Walter W., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Control mechanism for electrically operated liquid fuel burners. 1,923,651; Aug. 22.
- Williams, White & Co. (See Hintz, H. E., and Kline, assignors.)
- Williams, William D., jr., Richmond, Ind. Kitchen cabinet. Des. 89,559; Mar. 28.
- Williams, William E., Palo Alto, Calif., assignor to Signode Steel Strapping Company, Chicago, Ill. Package strapping machine. 1,907,921; May 9.
- Williams, William E., Bromley, England, assignor to Columbia Photograph Company, Inc., Bridgeport, Conn. Reproduction of sound records. 1,917,003; July 4.
- Williams, William H., assignor to Sheffield Steel Corporation, Kansas City, Mo. Process and apparatus for re-rolling railroad rails. 1,910,271; May 23.
- Williams, William H., assignor to The Dow Chemical Company, Midland, Mich. Making diphenyl. 1,925,784; Sept. 5.
- Williams, William J., South Gate, assignor of one-half to L. A. Wagner, Los Angeles, Calif. Mechanism for recording rotation of a well-surveying instrument. 1,905,200; Apr. 25.
- Williams, William J., South Gate, assignor of one-half to L. A. Wagner, Los Angeles, Calif. Mechanism for determining deviation of wells from the perpendicular. 1,907,167; May 2.
- Williams, William J., South Gate, assignor of one-half to L. A. Wagner, Los Angeles, Calif. Mechanism for recording the deviation from the perpendicular of a drill hole. 1,907,168; May 2.
- Williams, William J., assignor to Williams Products, Inc., Chicago, Ill. Producing an electric current. 1,917,565; July 11.
- Williams, William J., assignor to Motor Devices, Inc., Chicago, Ill. Power control system and switch therefor. 1,925,220; Sept. 5.
- Williams, William J., assignor to Motor Devices, Inc., Chicago, Ill. Circuit control device for automobiles. 1,935,169; Nov. 14.
- Williams, William M., Evanston, assignor to B. F. Gump Company, Chicago, Ill. Package and sealing the same. 1,919,819; July 25.
- Williams, William R., Salt Lake City, Utah. Toy. 1,910,455; May 23.
- Williamson, Arba G., Carnegie, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 1,893,315; Jan. 3.
- Williamson, Arba G., Carnegie, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 1,893,316; Jan. 3.
- Williamson, Arba G., Carnegie, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 1,933,780; Nov. 7.
- Williamson, Arba G., Carnegie, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 1,933,781; Nov. 7.
- Williamson, Arthur P. (See Crowley, J. C., and Williamson.)
- Williamson, Arthur P., Shaker Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Stem for pneumatic tires or the like. 1,924,173; Aug. 29.
- Williamson, Clarence H. (See Butts, G. W., and Williamson.)
- Williamson, Clarence H. (See Tobin, K. J., McWilliams, and Williamson.)
- Williamson, Clarence H., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Container. 1,924,143; Aug. 29.
- Williamson, Colin M., Willesden Green, London, England. Shutter. 1,913,182; June 6.
- Williamson, Donald B., Pittsburgh, Pa., assignor to The Peoples Natural Gas Company. Water heater. 1,898,703; Feb. 21.
- Williamson, George F. (See McLelland, W. H., Knutson, and Williamson.)
- Williamson, John S. (See Williams, J. C., Williamson, Echols, Hunt, and Vreeland.)
- Williamson, Larkin R., assignor to The Toledo Machine & Tool Company, Toledo, Ohio. Hydraulic control device. 1,894,434; Jan. 17.
- Williamson, Sam, El Paso, Tex. Flusher. 1,941,065; Dec. 26.
- Williamson, William F., Searcy, Ark. Smoking stand. Des. 90,394; July 25.
- Williamson, William P. (See Stone, M. B., and Williamson.)
- Willig, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Thermal relay. 1,902,793; Mar. 21.
- Willis, Cecil H. N. R., assignor to Appleford Paper Products Limited, Hamilton, Ontario, Canada. Container for roll paper. 1,907,922; May 9.

- Willis, Charles C., assignor to John Waldron Corporation, New Brunswick, N. J. Drying moistened sheet material. 1,936,651; Nov. 28.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,923,696; Aug. 22.
- Willis, Clodius H., Schenectady, N. Y., assignor to General Electric Company. Electric power converting apparatus. 1,929,720; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,721; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,722; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,725; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,726; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 1,929,727; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,728; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 1,929,729; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting apparatus. 1,929,730; Oct. 10.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve circuits. 1,935,464; Nov. 14.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve circuit. 1,937,369; Nov. 28.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 1,937,370; Nov. 28.
- Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 1,937,372; Nov. 28.
- Willis, Clodius H., Princeton, N. J., and C. W. Lampson, Pittsfield, Mass., assignors to General Electric Company. Electric valve converting apparatus. 1,929,724; Oct. 10.
- Willis, Clodius H., Princeton, N. J., and C. W. Stone, Schenectady, N. Y., assignors to General Electric Company. Method and apparatus for operating a motor or other load device from an alternating current circuit. 1,937,371; Nov. 28.
- Willis, Francis M., Philadelphia, Pa., assignor to The S. S. White Dental Manufacturing Company. Obtaining dimensions for artificial denture construction. 1,907,923; May 9.
- Willis, George W., assignor to Saco-Lowell Shops, Newton, Mass. Mote knife for carding machines. 1,910,662; May 23.
- Willis, Harry, Bangor, assignor to Willis Wiper Co. Limited, Belfast, Northern Ireland. Wiper for windscreens of motor vehicles and for like purposes. 1,899,545; Feb. 28.
- Willis, Harry L., Grand Rapids, Mich., assignor to Union Special Machine Company, Chicago, Ill. Presser foot for sewing machines. 1,927,601; Sept. 19.
- Willis, Henry E., jr., Carbondale, Ill. Electric meter. 1,923,347; Aug. 22.
- Willis, Henry E., jr., Carbondale, Ill. Electric meter. 1,937,451; Nov. 28.
- Willis, James M., Scotia, N. Y. Lawn trimmer. 1,901,788; Mar. 14.
- Willis, LeRoy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Pump control for line casting machines. 1,927,764; Sept. 19.
- Willis, Le Roy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Slug finishing means for line casting machines. 1,931,422; Oct. 17.
- Willis, Olo C., Lakewood, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,904,972; Apr. 18.
- Willis Wiper Co. (See Willis, Harry, assignor.)
- Williston, Samuel H. (See Nichols, C. R., and Williston.)
- Williston, Samuel H., Dallas, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Obtaining cores and instrument therefor. 1,932,612; Oct. 31.
- Williston, Samuel H., and C. R. Nichols, Dallas, Tex., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying device. 1,898,473; Feb. 21.
- Willits, John. (See Sherts, J. H., and Willits.)
- Willman, Charles, Retell, Wash. Tool. 1,903,252; Mar. 28.
- Willman, Philip E., Chicago, Ill. Ash tray or similar article. Des. 89,812; May 2.
- Willman, Philip E., Chicago, Ill. Teakettle or similar article. Des. 90,173; June 20.
- Willman, Philip E., Chicago, Ill. Coffeepot or similar article. Des. 90,607; Aug. 29.
- Willman, Philip E., Chicago, Ill. Combined casserole and base therefor. Des. 90,608; Aug. 29.
- Willman, Philip E., Chicago, Ill. Saucepan or similar article. Des. 90,609; Aug. 29.
- Willman, Philip E., Chicago, Ill. Saucepan or similar article. Des. 90,610; Aug. 29.
- Willmann, Gustave, Paris, France. Wafer dosing, filling, and sealing machine. 1,902,272; Mar. 21.
- Willmann, Joseph, Derby, Conn. Foam prevention in treatment of milk, etc. 1,935,235; Nov. 14.
- Willmann, Paul, Merion, Pa. Window construction. 1,904,110; Apr. 18.
- Willmott, John J., Montclair, N. J., assignor to Louis Farber, Yonkers, N. Y. Holder. 1,924,011; Aug. 22.
- Willnus, Christopher H., St. Albans, N. Y. Marquetry as assembly. 1,927,882; Sept. 26.
- Willoughby, John A., Cambridge, Mass. Modulator system. 1,896,268; Feb. 7.
- Willoughby, John A., Cambridge, Mass. Variable inductance units. 1,896,269; Feb. 7.
- Willoughby, John A., Cambridge, Mass. Aircraft landing system. 1,898,474; Feb. 21.
- Willoughby, John A., Cambridge, Mass. Piloting system. 1,903,846; Apr. 18.
- Willoughby, John A., Cambridge, Mass. Radio direction finder. 1,912,234; May 30.
- Willoughby, John A., Cambridge, Mass. Circuit arrangement. 1,922,650; Aug. 15.
- Willoughby, John A., Cambridge, Mass. Transmitting system. 1,930,868; Oct. 17.
- Willoughby, Robert S., Denver, Colo. Main switch and fuse cabinet. 1,904,911; Apr. 18.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Car tank closure. 1,894,652; Jan. 17.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Tank dome closure. 1,900,627; Mar. 7.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Tank dome closure. 1,900,628; Mar. 7.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Tank anchor for tank cars. 1,917,912; July 11.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Multifunction tank car. 1,917,913; July 11.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Shipping container. 1,937,615; Dec. 5.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Multiple unit tank car. 1,937,617; Dec. 5.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car. 1,937,618; Dec. 5.
- Willoughby, Victor, Ridgewood, N. J., and R. W. Joy, Brooklyn, N. Y., assignors to American Car and Foundry Company, New York, N. Y. Railway car underframe. 1,937,616; Dec. 5.
- Willoughby, Walter J. (See Andrews, N. H., and Willoughby.)
- Willrodt, Fred L., assignor to The Willrodt Tractor Guide Company, Omaha, Nebr. Tractor guide. 1,916,546; July 4.
- Willrodt, Fred L., assignor to The Willrodt Tractor Guide Company, Omaha, Nebr. Tractor guide. 1,916,547; July 4.
- Willrodt Tractor Guide Company, The. (See Willrodt, Fred L., assignor.)
- Wills, Arnold F., Burnham-on-Sea, and P. Wills, Bridgwater, England. Metal joint washer or gasket. 1,917,175; July 4.
- Wills, Christian A. (See Pollock P., and Wills.)
- Wills, Davis B., Washington, D. C. Electrically operated safety razor. 1,918,625; July 18.
- Wills, Donald R., Dayton, Ohio. Gas torch. 1,912,612; June 6.
- Wills Herbert J., Niagara Falls, N. Y., assignor to The Carborundum Company. Automatic lapping machine. Re 19,003; Nov. 14.
- Wills, Irving, Santa Barbara, Calif. Surgical instrument. 1,931,900; Nov. 14.
- Wills Motor Co. Inc. (See Wills, William, assignor.)
- Wills, Percy. (See Wills, Arnold F. and P.)
- Wills, William, assignor to Wills Motor Co. Inc., Philadelphia, Pa. Mechanical movement. 1,915,966; June 27.
- Willsea, Jasper B., assignor to Willsea Works, Rochester, N. Y. Core oven. 1,923,353; Aug. 22.
- Willsea Works. (See Willsea, Jasper B., assignor.)
- Willse, Henry E., New York, N. Y. Refrigeration apparatus. 1,916,028; June 27.
- Willson, Edward A. (See Howard, H. C., and Willson.)
- Willson, Edward A., assignor to American Anode, Inc., Akron, Ohio. Making shaped rubber articles. 1,908,719; May 16.
- Willson, Edwin L., Glenside, assignor to The Lehigh Coal and Navigation Company, Philadelphia, Pa. Carbonizing briquettes. 1,918,162; July 11.
- Willson, Edwin L., Glenside, assignor to The Lehigh Coal and Navigation Company, Philadelphia, Pa. Apparatus for carbonizing briquettes. 1,927,968; Sept. 26.
- Willson, Elbert L., and J. H. Taylor, Athens, Tenn. Plow. 1,918,730; July 18.
- Willson, Francis G. (See Crawford, J. W. C., and Willson.)
- Willson, Frank E. (See Linder, O., Whitehouse, and Willson.)

- Willson, Frank E. (See Linder, O., and Willson.)
- Willson, Frederick, Berne Township, Berks County, and H. F. Shindel, assignors to Willson Products, Inc., Reading, Pa. Helmet. 1,928,238; Sept. 26.
- Willson, Job H., assignor to Penn Art Steel Works, Erie, Pa. Receptacle. 1,934,220; Nov. 7.
- Willson Products, Inc. (See Shindel, Harry F., assignor.)
- Willson Products, Inc. (See Willson, F., and Shindel, assignors.)
- Willstätter, Richard, Munich, Germany. Preservation of animal and vegetable substances. 1,936,123; Nov. 21.
- Willys-Overland Company, The. (See Baker, Arthur J., assignor.)
- Willys-Overland Company, The. (See Boughton, S. J., and Hunt, assignors.)
- Willys-Overland Company, The. (See De Vere, Andrew, assignor.)
- Willys-Overland Company, The. (See Fisher, Walter S., assignor.)
- Willys-Overland Co., The. (See Grimm, George E., assignor.)
- Willys-Overland Co., The. (See Hunt, Warren T., assignor.)
- Willys-Overland Company, The. (See Huntington, Edward E., assignor.)
- Willys-Overland Co., The. (See Sweeny, Frank C., assignor.)
- Wilman, Charles W. (See Engblom, J. F. T., and Wilman.)
- Wilmarth, Louis R., Attleboro, Mass., assignor to Howard S. Scholes, Edgewood, R. I. Article holder. 1,906,031; Apr. 25.
- Wilmarth, Louis R., Attleboro, Mass., assignor to Howard S. Scholes, Edgewood, R. I. Display box. 1,917,349; July 11.
- Wilmas, Clifford A. (See Broemmelsick, C. F., and Wilmas.)
- Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. Des. 89,560; Mar. 28.
- Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. Des. 90,431; Aug. 1.
- Wilmot Castle Company. (See Castle, John H., assignor.)
- Wilmot Castle Co. (See Castle, Wilmot V., assignor.)
- Wilmot, Charles M. and J. M., London, England. Model aeroplane. 1,935,533; Nov. 14.
- Wilmot, Charles M. and J. M., London, England. Device for winding model aeroplanes. 1,935,534; Nov. 14.
- Wilmot, George W., et al. (See Ashmead, Dever C., assignor.)
- Wilmot, John M. (See Wilmot, Charles M. and J. M.)
- Wilmot, William H., Asheville, N. C. Spring mattress. 1,928,918; Oct. 3.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Protective overload device or circuit breaker. 1,896,736; Feb. 7.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 1,901,573; Mar. 14.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Motor protective apparatus. 1,903,491; Apr. 11.
- Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Switch. 1,921,795; Aug. 8.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Magnetically operated switch. 1,931,914; Oct. 24.
- Wilms, Gustav O., assignor, by mesne assignments, of one-half to Allen-Bradley Company, Milwaukee, Wis. Actuating handle. 1,931,915; Oct. 24.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Thermal circuit breaker. 1,935,257; Nov. 14.
- Wilms, Gustav O., assignor, by mesne assignments, to Allen-Bradley Company, Milwaukee, Wis. Overload protective device. 1,938,363; Dec. 5.
- Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
- Wilner, Elias R., assignor, by mesne assignments, to The Advance Cement Process Corporation, New York, N. Y. Producing cement. Re19,005; Nov. 21.
- Wilsdorf, Hans, Geneva, Switzerland. Winding crown for watches without a pendant. 1,910,078; May 23.
- Wilsev, Frank E., Chicago, Ill. Laundry machine. 1,929,377; Oct. 3.
- Wilsey, Irven H., Chicago, Ill. Exercising and massaging device. 1,895,116; Jan. 24.
- Wilsey, Irven H., Chicago, Ill. Method of and machine for writing checks. 1,935,194; Nov. 14.
- Wilsing, Paul, assignor to Demag Aktiengesellschaft, Duisberg, Germany. Winch, especially for use in granaries. 1,925,474; Sept. 5.
- Wilson, Alan P., Falls Church, Va. Soffit reinforcement. 1,933,688; Nov. 7.
- Wilson, Albert C. (See Perkins, L. A., and Wilson.)
- Wilson, Alexander H., Oak Park, assignor to Thomas Elevator Company, Chicago, Ill. Automatic control for hoisting machines. 1,919,818; July 25.
- Wilson, Alfred R. (See Haworth, D. W., and Wilson.)
- Wilson, Alfred R., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. Hoisting anchorage for car roofs. 1,898,110; Feb. 21.
- Wilson, Allen B., assignor to Acme Steel Company, Chicago, Ill. Container and forming same. 1,906,032; Apr. 25.
- Wilson, Amyuit L., Elizabeth, N. J., assignor to Standard Oil Development Company. Steam generator. 1,915,460; June 27.
- Wilson, Andrew T., St. Boniface, Manitoba, Canada. Storm sash ventilator. 1,928,804; Oct. 3.
- Wilson, Austin B., Flint, assignor to General Motors Corporation, Detroit, Mich. Cleaning metal. 1,916,503; July 4.
- Wilson, Belle E., administratrix. (See Wilson, Fred C.)
- Wilson & Bennett Manufacturing Company. (See Bennett, Stevens A., assignor.)
- Wilson, Bernard N., assignor to Industrial Patents Corporation, Chicago, Ill. Egg stamp. 1,928,715; Oct. 3.
- Wilson, Bert, New Orleans, La. Nonfrothing mirror. 1,934,110; Nov. 7.
- Wilson, Carl, Los Angeles, Calif. Apparatus for dosing liquids. 1,939,938; Dec. 19.
- Wilson, Charles D., Puyallup, Wash. Sharpening device for scissors. 1,907,275; May 2.
- Wilson, Charles G., assignor to The Aro Equipment Corporation, Bryan, Ohio. Gear lubricant dispenser. 1,912,748; June 6.
- Wilson, Charles G., assignor to The Aro Equipment Corporation, Bryan, Ohio. Overhead swivel arm for lubricant supply hose. 1,924,428; Aug. 20.
- Wilson, Charles G., assignor to The Aro Equipment Corporation, Bryan, Ohio. Heating means for lubricant dispensers. 1,933,403; Oct. 31.
- Wilson, Charles H., Pelham, and C. J. Brown, Larchmont, N. Y., assignors, by mesne assignments, to The Foxboro Company, Foxborough, Mass. Temperature controller recorder including method and apparatus. 1,930,496; Oct. 17.
- Wilson, Charles P., jr., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,935,967; Nov. 21.
- Wilson, Chester C., Alexandria, Ind. Voltage transforming apparatus for direct current. Re18,936; Sept. 5.
- Wilson, Chester C., Alexandria, Ind. Voltage transforming apparatus for direct current. 1,900,215; Mar. 7.
- Wilson, Clarence C., Auburn, Maine, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,931,916; Oct. 24.
- Wilson, Clarence E., Manchester, Conn. Wrapping for plants. 1,894,506; Jan. 17.
- Wilson, Clarence P. (See Finley, J. A., and Wilson.)
- Wilson, Clarence P., Pomona, and J. A. Finley, Claremont, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Beverage product and producing the same. 1,940,036; Dec. 19.
- Wilson, Earl D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Light source. 1,909,084; May 16.
- Wilson, Earl D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photo-tube. 1,922,185; Aug. 15.
- Wilson, Earl D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photo-electric tube. 1,924,299; Aug. 29.
- Wilson, Earl M. (See Vitale, S., and Wilson.)
- Wilson, Edward, St. Louis, Mo. Compressor or pump. 1,929,997; Oct. 10.
- Wilson, Edward, St. Louis, Mo. Compressor or pump. 1,929,998; Oct. 10.
- Wilson, Edward, St. Louis, Mo. Compressor or pump. 1,929,999; Oct. 10.
- Wilson, Edward, assignor to Rippey & Kingsland, St. Louis, Mo. Compressor. 1,929,996; Oct. 10.
- Wilson, Edwin L., assignor to Popular Mechanics Co., Chicago, Ill. Stereotype casting apparatus. 1,922,514; Aug. 15.
- Wilson Engineering Corporation. (See Urbach, H. H., and Bell, assignors.)
- Wilson, Eric, San Francisco, Calif. Molding electric wire conduit and plug outlet. 1,914,317; June 13.
- Wilson, Ernest E., assignor to General Motors Research Corporation, Detroit, Mich. Muffler. 1,909,511; May 16.
- Wilson, Ernest L., Wallington, England. Oven, cupboard, and other similar apparatus. 1,936,124; Nov. 21.
- Wilson, Ernest L., Wallington, England. Device capable of being set into two or more positions. 1,938,507; Dec. 5.
- Wilson, Ernest M., assignor to H. A. Hartshorn, Wm. F. Klinker, and E. M. Wilson, Portland, Oreg., trustees. Telephone message recording and reproducing apparatus. 1,920,729; Aug. 1.
- Wilson, Ernest M., et al., trustees. (See Wilson, Ernest M., assignor.)
- Wilson, Finley S., deceased, Kittanning, Pa., F. Wilson, administratrix. Hold fast. 1,932,389; Oct. 31.
- Wilson, Flora, administratrix. (See Wilson, Finley S.)
- Wilson, Fred C., deceased, by B. E. Wilson, administratrix, Rochester, N. Y. Adjustable sealing strip for doors. 1,940,382; Dec. 19.
- Wilson, Fred D. (See Morse, W. G., Wilson, and Wuestenberg, A.)
- Wilson, Fred D., Harvey, assignor to Austin Manufacturing Co., Chicago, Ill. Frame construction for road machines. 1,918,881; July 18.
- Wilson, Fred D., Harvey, assignor to Austin Manufacturing Co., Chicago, Ill. Power take-off mechanism. 1,924,703; Aug. 29.

- Wilson, Fred D., Harvey, assignor to The Austin Manufacturing Company, Chicago, Ill. Mower attachment for road machines. 1,938,882; Dec. 12.
- Wilson, Gardiner C., assignor to Norton Laboratories, Inc., Lockport, N. Y. Handle construction. 1,919,455; July 25.
- Wilson, George B., Erie, Pa. Lubricating mechanism. 1,940,037; Dec. 19.
- Wilson, George M., Schenectady, N. Y. Boiler mud ring structure. 1,918,363; July 18.
- Wilson, Grant V., Chicago, Ill., assignor to Norristown Magnesia & Asbestos Company, Norristown, Pa. Treating amphibolic material for transportation. 1,894,250; Jan. 10.
- Wilson, Grant V., Chicago, Ill., assignor to Norristown Magnesia & Asbestos Company, Norristown, Pa. Heat insulating covering. 1,902,794; Mar. 21.
- Wilson, H. A., Company, The. (See Waltenberg, Romaine G., assignor.)
- Wilson, Harrison, Brooklyn, N. Y. Cabinet. Des. 90,690; Sept. 12.
- Wilson, Harrison, Brooklyn, N. Y. Base for a cabinet. Des. 90,691; Sept. 12.
- Wilson, Harry H., Newark, N. J. Square golf game. 1,899,546; Feb. 28.
- Wilson, Herbert E., Antrim, N. H. Lug strap and making the same. 1,909,993; May 23.
- Wilson, Howard A., assignor to Radio Corporation of America, Merchantville, N. J. Indicating device. 1,929,667; Oct. 10.
- Wilson, Ivor R. (See Wilson, John E. and I. R.)
- Wilson, Jack, assignor to Universal Draft Gear Attachment Co., Chicago, Ill. Car coupler controller. 1,894,363; Jan. 17.
- Wilson, Jack, assignor to Universal Draft Gear Attachment Co., Chicago, Ill. Brake chain attaching device. 1,898,607; Feb. 21.
- Wilson, Jack, assignor to Universal Draft Gear Attachment Co., Chicago, Ill. Drop brake staff. 1,906,687; May 2.
- Wilson, James C., Great Haywood, and H. S. Carnegie, Stafford, England. Electric ship-propulsion system. 1,922,226; Aug. 15.
- Wilson, James E., Hickory, Ky., assignor of one-half to Otis T. Griffith, Detroit, Mich. Grass seed harvester. 1,934,111; Nov. 7.
- Wilson, James E., S. McConnell, and C. Brown, Belfast, Ireland. Dough proving apparatus. 1,897,352; Feb. 14.
- Wilson, John A., Elizabeth, N. J. Liquid coating composition and preparing the same. 1,897,686; Feb. 14.
- Wilson, John E. and I. R., McEwen, Oreg. Swivel hook. 1,897,920; Feb. 14.
- Wilson-Jones Company. (See Batek, Henry L., assignor.)
- Wilson-Jones Company. (See Buenger, Edward F., assignor.)
- Wilson-Jones Company. (See Dawson, George H., assignor.)
- Wilson-Jones Company. (See Irving, Clarence B., assignor.)
- Wilson-Jones Company. (See Ritzinger, J. R., and Bevans, assignors.)
- Wilson-Jones Company. (See Unger, Paul O., assignor.)
- Wilson, Joseph C., assignor to The Crystal Tissue Company, Middletown, Ohio. Tubular dispensing package for rolled webs of flexible material. 1,896,119; Feb. 7.
- Wilson, Joseph C., assignor to The Crystal Tissue Company, Middletown, Ohio. Blanching celery. 1,908,394; May 9.
- Wilson, Joseph C., assignor to The Crystal Tissue Company, Middletown, Ohio. Dispensing container for rolls of flexible web material. 1,938,269; Dec. 5.
- Wilson, Lancelot R. (See Clay, J. B., and Wilson.)
- Wilson, Lawrence B., Tucson, Ariz. Two part couch. 1,900,474; Mar. 7.
- Wilson, Leland A., Merriam, Kans. Incubator. 1,893,918; Jan. 10.
- Wilson, Leland A., Merriam, Kans. Incubator. 1,914,473; June 20.
- Wilson, Leon T., Chatham, N. J., assignor to American Telephone and Telegraph Company. Insulator. 1,927,106; Sept. 19.
- Wilson, Leon T., Chatham, N. J., assignor to American Telephone and Telegraph Company. Insulator for co-axial conductors. 1,940,780; Dec. 26.
- Wilson, Leroy A., Salt Lake City, Utah. Vapor generator. 1,927,107; Sept. 19.
- Wilson Lighting, Inc. (See Wilson, Wesley, assignor.)
- Wilson, Louis, Brooklyn, assignor to B. L. Nicholes & Company, New York, N. Y. Powder distributing machine. 1,904,591; Apr. 18.
- Wilson, Lydell L., Jamestown, N. Y. Adjuster for railway tracks. 1,939,480; Dec. 12.
- Wilson, Lyman A., and J. Johnson, New York, N. Y. Method and apparatus for producing sound from photographic sound records. 1,926,607; Sept. 12.
- Wilson, Lyndon F., Chicago, Ill. Apparatus for conditioning boiler feed water. 1,901,215; Mar. 14.
- Wilson, Lyndon F., Chicago, Ill. Feed water conditioner. 1,901,216; Mar. 14.
- Wilson, Melville M., Chicago, Ill., assignor to The Sharples Solvent Corporation, Philadelphia, Pa. Paint and varnish remover. 1,918,224; July 11.
- Wilson, Norval F. (See McBrien, R. W., and Wilson.)
- Wilson, Odell, Rocky River, assignor to Corega Chemical Company, Cleveland, Ohio. Closure for dry powder dispensing cans. 1,926,186; Sept. 12.
- Wilson, Parker F., Wheeling, W. Va. Method and apparatus for metal rolling. 1,895,303; Jan. 24.
- Wilson, Percy H., Carlton, Nottingham, assignor of one-half to The Stanton Ironworks Company, Limited, Nottingham, England. Jointing of pipe. 1,894,388; Jan. 17.
- Wilson, Perry W. (See Stiles, H. R., and Wilson.)
- Wilson, Perry W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Propionic acid fermentation. 1,898,329; Feb. 21.
- Wilson, Philip J., jr. (See Bragg, G. A., Jacobson, and Wilson.)
- Wilson Products, Inc. (See Shindel, Harry F., assignor.)
- Wilson, Ray C. (See Kellogg, George W., assignor.)
- Wilson, Robert E. (See Shaeffer, E. J., Watts, Brown, and Wilson.)
- Wilson, Robert E., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Pressure distillation of hydrocarbon oils. 1,898,414; Feb. 21.
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Fractionation of hydrocarbon oils. 1,899,918; Feb. 28.
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Vacuum distillation. 1,905,201; Apr. 25.
- Wilson, Robert E., assignor to Standard Oil Company (Indiana), Chicago, Ill. Vacuum surface distillation. 1,906,033; Apr. 25.
- Wilson, Robert E., assignor to Standard Oil Company, Chicago, Ill. Gas machine. 1,907,924; May 9.
- Wilson, Robert J., Seattle, Wash. Twin-wheel caster. 1,936,701; Nov. 28.
- Wilson, Roland F., Minneapolis, Minn. Combined score pad and game score indicator. 1,940,781; Dec. 26.
- Wilson, Rose, New York, N. Y. Foldable awning arm. 1,932,945; Oct. 31.
- Wilson, Samantha A., Bell, Calif. Ice cream freezer. 1,903,652; Apr. 11.
- Wilson, Thomas C., Incorporated. (See Young, James H., assignor.)
- Wilson, Walter C., Western Springs, Ill., assignor to International Harvester Company. Mechanism for forming wire fabric. 1,923,900; Aug. 22.
- Wilson, Walter E., assignor to The Robert Keller Ink Company, Detroit, Mich. Bottle. Des. 89,141; Jan. 31.
- Wilson, Walter G., Westminster, London, England. Flexible band brake. 1,915,706; June 27.
- Wilson Welder & Metals Company. (See Churchward, Alexander, assignor.)
- Wilson Welder & Metals Company. (See Tisza, E. E., and Schmidt, assignors.)
- Wilson, Wesley, Chicago, Ill. Fixture connector. 1,927,250; Sept. 19.
- Wilson, Wesley, assignor to Wilson Lighting, Inc., Chicago, Ill. Lighting device. 1,893,606; Jan. 10.
- Wilson, Wesley, Chicago, Ill., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic priming device. 1,902,603; Mar. 21.
- Wilson, William, New York, N. Y. Surface treating device. 1,925,019; Aug. 29.
- Wilson, William B., Huntington Park, Calif., assignor, by mesne assignments, to Metlox Corporation, Ltd. Vacuum tube electrode socket. 1,938,001; Dec. 5.
- Wilson, William C. (See Novotny, E. E., and Wilson.)
- Wilson, William C., Cincinnati, Ohio. Portable bed and tent structure. 1,906,828; May 2.
- Wilson, William C., assignor to Cellovis, Inc., Chicago, Ill. Preparing cellulose for nitration. 1,925,162; Sept. 5.
- Wilson, William H. (See Land, Charles H., and Wilson.)
- Wilson, William H., assignor to Vermont Spool & Bobbin Co., Burlington, Vt. Spool for Axminster looms. 1,893,386; Jan. 3.
- Wilson, William H., Los Angeles, Calif. Truss. 1,919,405; July 25.
- Wilson, William J. (See Leatherdale, W. T., and Wilson.)
- Wilson, William K., Norwalk, Conn. Fur plucking. 1,893,919; Jan. 10.
- Wilson, William S., assignor to Merrimac Chemical Company, Inc., Boston, Mass. Producing acetic acid. 1,928,746; Oct. 3.
- Wilson, William S., Boston, assignor to Merrimac Chemical Company, Inc., Everett, Mass. Manufacture of alcohols and aluminum sulphate. 1,931,014; Oct. 17.
- Wilson, William W., Sioux City, Iowa, assignor, by mesne assignments, to The Gabriel Kari-Keen Company. Trunk rack. 1,897,094; Feb. 14.
- Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Valve and similar structure and producing it. 1,909,478; May 16.
- Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Valve structure and producing same. 1,909,479; May 16.
- Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Producing wear rings. 1,909,480; May 16.
- Wilt, Abram D., jr., New Canaan, Conn. Machine for manufacturing taps and other articles. 1,918,626; July 18.
- Wilt, Charles T., jr., E. E., C. D., and R. L., assignors to Wilt Trunk Company, Chicago, Ill. Garment hanger. 1,893,815; Jan. 10.

- Wilt, Colin D. (See Wilt, Charles T., jr., E. E., C. D., and R. L.)
- Wilt, Elmer E. (See Wilt, Charles T., jr., E. E., C. D., and R. L.)
- Wilt, Elmer E., Chicago, Ill. Wardrobe suitcase. 1,897,353; Feb. 14.
- Wilt, Robert L. (See Wilt, Charles T., jr., E. E., C. D., and R. L.)
- Wilt Trunk Company. (See Wilt, Charles T., jr., E. E., C. D., and R. L., assignors.)
- Wiltisch, Hans, Berlin-Charlottenburg, Germany. Apparatus for removing water film from heat transmitting walls. 1,919,179; July 18.
- Wil-X-M-F-G Corporation. (See Wilbur, Peter L., assignor.)
- Wimberley, Calvin H., New Braunfels, Tex. Rod. 1,901,789; Mar. 14.
- Wimer, Michael, St. Louis, Mo. Machine for making rings. 1,933,834; Nov. 7.
- Winans, Daniel M., assignor to Daniel M. Winans Corporation, Binghamton, N. Y. Coin slot device. 1,895,017; Jan. 24.
- Winans, Daniel M., Corporation. (See Winans, Daniel M., assignor.)
- Winberg, Oscar F. E., Silverhill, Ala. Orchard heater. 1,934,339; Nov. 7.
- Winberg, Ragnar W., East Elmhurst, Long Island, N. Y. Curtain threader. 1,920,046; July 25.
- Winchell, Arthur B., assignor, by mesne assignments, to The Sparks-Withington Company, Jackson, Mich. Door. 1,896,691; Feb. 7.
- Winchester Repeating Arms Company. (See Laudensack, Albert F., assignor.)
- Winchester Repeating Arms Company. (See McNutt, Joseph D., assignor.)
- Winchester Repeating Arms Company. (See Roemer, William C., assignor.)
- Winckler, Gunnar A. F. (See Ellis, A. L. R., and Winckler.)
- Winckler, Gunnar A. F., Marblehead, Mass. Rotary combustion engine. 1,923,561; Aug. 22.
- Winckler, Walter T., assignor to Von Winkler Laboratories, Incorporated, Chicago, Ill. Sulphuric esters of halogenated fatty acids. 1,912,814; June 6.
- Windaus, Adolf, Cöttingen, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antirachitically active product. 1,902,745; Mar. 21.
- Windberger, Othmar, Wiener-Neustadt, Austria. Automobile vehicle. 1,936,318; Nov. 21.
- Windecker, Robert E., Painesville, Ohio. Manufacture of cement. 1,904,639; Apr. 18.
- Windecker, Robert E., Painesville, Ohio. Manufacture of cement. 1,904,640; Apr. 18.
- Windecker, Robert E., Painesville, Ohio. Manufacture of magnesium chloride. 1,912,469; June 6.
- Windeknecht, Carl A., Berlin, Germany. Arrangement for producing open spaces on buildings. 1,896,433; Feb. 7.
- Windesheim, Karl A., Seattle, Wash. Dual alarm mechanism. 1,928,040; Sept. 26.
- Windesheim, Karl A., Seattle, Wash. Pocket ash receptacle and extinguishing device. 1,928,041; Sept. 26.
- Windfuhr, Fred. (See Mix, F. H., and Windfuhr.)
- Windgassen, Richard, Pittsburgh, Pa. Table leg attachment. 1,940,571; Dec. 19.
- Winding Gulf Collieries. (See Jones, Emory E., assignor.)
- Winding Gulf Collieries. (See Jones, E. E., and Knight, assignors.)
- Windisch, Josef, Passing, near Munich, Germany, assignor to Industrial Waste Eliminators Limited, London, England. Apparatus for use in electrically stunning animals. 1,935,138; Nov. 14.
- Wine, Albert, Los Angeles, Calif. Safety band saw. 1,916,903; July 4.
- Wine, Edgar P. (See Steiner, A. P., Balsiger, and Wine.)
- Wine, William E., Toledo, Ohio. Railway car. 1,894,721; Jan. 17.
- Wine, William E., Toledo, Ohio. Railway car. 1,896,434; Feb. 7.
- Wine, William E., Toledo, Ohio. Railway car. 1,906,195; Apr. 25.
- Wine, William E., Toledo, Ohio. Railway car. 1,908,720; May 16.
- Wine, William E., Toledo, Ohio. Railway car. 1,910,583; May 23.
- Wine, William E., Toledo, Ohio. Interchangeable volute spring unit. 1,910,912; May 23.
- Wine, William E., Toledo, Ohio. Cross bearer. 1,912,052; May 30.
- Wine, William E., Toledo, Ohio. Hopper car construction. 1,917,785; July 11.
- Wine, William E., Toledo, Ohio. Railway car. 1,918,948; July 18.
- Wine, William E., Toledo, Ohio. Railway car. 1,925,426; Sept. 5.
- Wine, William E., Toledo, Ohio. Railway car. 1,932,718; Oct. 31.
- Wine, William E., Toledo, Ohio. Spring unit and assembly for railway cars. 1,934,579; Nov. 7.
- Wine, William E., Toledo, Ohio, and B. W. Kadel, Baltimore, Md. Door mechanism for railway cars. 1,904,023; Apr. 18.
- Winegar, Edmund M. (See Cavanagh, G. F., and Winegar.)
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Drill steel sharpening mechanism. 1,916,904; July 4.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Surfacing machine. 1,924,582; Aug. 29.
- Winemiller, Clarence M., Washington, D. C. Dish. 1,911,100; May 23.
- Wines, William B., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for forming cables. 1,936,146; Nov. 21.
- Winfield, Edward A., La Canada, Calif. Carburetor. 1,893,920; Jan. 10.
- Winfield, Edward A., La Canada, Calif. Carburetor. 1,921,142; Aug. 8.
- Winfree, John B., jr., Lynchburg, Va. Cleaner for cake-cutting machines. 1,916,596; July 4.
- Wing, Frederick T., Lincoln, Nebr. Safety device for cross roads and hills. 1,930,917; Oct. 17.
- Wing, George A., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Animated illuminated sign. 1,920,826; Aug. 1.
- Wing, L. J., Mfg. Co. (See Seelig, Alfred E., assignor.)
- Wingard, Charles L., Portland, Oreg. Means for holding together parts having telescopic engagement. 1,903,353; Apr. 4.
- Wingate, Gerald H., London, England. Spectacle frame. 1,915,707; June 27.
- Wingate, Gerald H., London, England. Folding spectacles. 1,936,319; Nov. 21.
- Winger, Hans, Murray, Utah. Furnace unit. 1,898,111; Feb. 21.
- Winger, Joseph A., Lawrenceville, Ill. Motor vehicle. 1,925,126; Sept. 5.
- Wingert, William B., Detroit, Mich., assignor to Semet-Solvay Company, New York, N. Y. Manufacture of direct ammonium sulphate. 1,922,186; Aug. 15.
- Wingert, William B., Ironton, Ohio, assignor to Semet-Solvay Company, New York, N. Y. Treating liquors to remove organic compounds therefrom. 1,927,883; Sept. 26.
- Wingfoot Corporation. (See Bateman, Ralph C., assignor.)
- Wingfoot Corporation. (See Burrell, George R., assignor.)
- Wingfoot Corporation. (See Gerstenslager, William H., assignor.)
- Wingfoot Corporation. (See Mallory, Gerald D., assignor.)
- Wingfoot Corporation. (See Musselman, Alvin J., assignor.)
- Wingfoot Corporation. (See Snyder, Robert W., assignor.)
- Wingfoot Corporation. (See State, W. C., and Haase, assignors.)
- Wingfoot Corporation. (See Woodward, Alva W., assignor.)
- Wingler, August. (See Schulemann, W. Mietzsch, and Wingler.)
- Wingler, August. (See Schulemann, W., Schönhöfer, and Wingler.)
- Wingler, Frank J., Detroit, Mich. Variable pitch propeller. 1,940,200; Dec. 19.
- Wingquist, Sven G., Skara, Sweden. Double-row roller bearing. 1,914,548; June 20.
- Wingquist, Sven G., Skara, Sweden. Roller bearing. 1,915,585; June 27.
- Wingquist, Sven G., Skara, Sweden. Double-row roller bearing. 1,918,677; July 18.
- Winheim, William H. (See Cadwell, R. K., and Winheim.)
- Winkel, Fred M. (See Evans, R. L., and Winkel.)
- Winkel, R. G. m. b. H. (See Ebringhaus, Arthur, assignor.)
- Winkelmann, Lester W., Milford, Iowa. Automatic deck support. 1,898,280; Feb. 21.
- Winkelmann, Paul W., Milford, Iowa. Window operating device. 1,935,968; Nov. 21.
- Winkie, Hallock L., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Separable electric connector. 1,923,901; Aug. 22.
- Winkler, Alfred, and M. Dünnebler, Neuwied, Germany. Chocolate and the like coating machine. 1,894,077; Jan. 10.
- Winkler, Alfred, and M. Dünnebler, Neuwied, Germany, assignors to Baltimore Paper Company, Kansas City, Mo. Method and apparatus for stacking flat articles. 1,898,704; Feb. 21.
- Winkler, Alfred, and Max Dünnebler, Neuwied, Germany. Apparatus for withdrawing single sheets from a stack of sheets. 1,939,193; Dec. 12.
- Winkler, Bruno E., Detroit, Mich. Lock for screw fastening members. 1,900,146; Mar. 7.
- Winkler, Carl, Bern, Switzerland. Machine for casting stereotype plates and the like. 1,907,377; May 2.
- Winkler, Carl, Bern, Switzerland. Device for feeding used stereotype plates into a melting pot. 1,932,238; Oct. 24.
- Winkler, Carl, Bern, assignor to "Winklor" Matern & Stereo A.-G., Glarus, Switzerland. Casting stereotype plates. 1,940,737; Dec. 26.
- Winkler, Carl J. (See Schwitzer, L., and Winkler.)
- Winkler, Carl J. (See Schwitzer, L., and Winkler, assignors.)
- Winkler, Charles, New York, N. Y. Four-in-hand necktie. 1,896,930; Feb. 7.

- Winkler, Egon C., and H. Goller, Vienna, Austria. Disemitting and improving soya beans or like legumines. 1,986,281; Nov. 21.
- Winkler, Emil W., assignor to Textile Machine Works, Wyomissing, Pa. Manipulating holder for needles or the like. 1,893,528; Jan. 10.
- Winkler, Ernst, Newark, N. J. Swimming device. 1,907,229; May 2.
- Winkler, Frederic C., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Illuminating apparatus. 1,915,842; June 27.
- Winkler, Frederick W., and L. L. Kaess, Jamaica, N. Y.; said Winkler assignor to said Kaess. Direction finder. 1,892,758; Jan. 3.
- Winkler, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Fuel gas. 1,913,968; June 13.
- Winkler, Fritz, and H. Haeuber, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of liquid hydrocarbons from olefines. 1,894,255; Jan. 10.
- Winkler, Fritz, H. Haeuber, and P. Feiler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of liquid, in particular aromatic hydrocarbons. 1,922,918; Aug. 15.
- Winkler, Fritz, and F. Giller, Ludwigshafen-on-the-Rhine, and H. Dorsch, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of sulphur. 1,926,829; Sept. 12.
- Winkler, Fritz, H. Haeuber and P. Feiler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Production of nonknocking motor fuels and lubricating oils. 1,937,619; Dec. 5.
- Winkler, Herman G., assignor to Barnes Scale Company, Detroit, Mich. Slicing machine. 1,939,029; Dec. 12.
- Winkler, John, assignor to Ohio Foundry Company, Cleveland, Ohio. Enamel-burning fixture. 1,913,623; June 13.
- Winkler, Karl. (See Pier, M., and Winkler.)
- Winkler, Karl. (See Pier, M., Anthes, and Winkler.)
- Winkler, Karl. (See Pier, M., Wietzel, and Winkler.)
- Winkler, Karl. (See Pier, M., Winkler, and Michael.)
- Winkler, Karl. (See Pier, M., Winkler, and Simon.)
- Winkler, Karl, and K. Wissel, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Conversion of carbonaceous solids into valuable liquid products. 1,904,586; Apr. 18.
- Winkler, Karl, and W. Kroenig, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Recovery of molybdenum. 1,923,652; Aug. 22.
- Winkler, Kaspar, Zurich, Switzerland. Mechanical pavior. 1,898,158; Feb. 21.
- Winkler, Kurt, Finsterwalde, Niederlausitz, Germany. Wood plate. 1,903,076; Mar. 28.
- Winkler, Kurt, Finsterwalde, Niederlausitz, Germany. Table. 1,940,201; Dec. 19.
- Winkler, Richard G., Springfield, Mass. Safety razor. 1,919,759; July 25.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,909,157; May 16.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Back gauge mechanism for shoe sewing machines. 1,915,909; June 27.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 1,923,562; Aug. 22.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 1,927,969; Sept. 26.
- Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for operating upon soles. 1,939,750; Dec. 19.
- "Winkler" Matern & Stereo A.-G. (See Winkler, Carl, assignor.)
- Winn, Darry. (See Roach, G., and Winn.)
- Winn, Sidney B., Lapeer, Mich. Leg elevating means for trallars. 1,915,142; June 20.
- Winn, Sidney B., Lapeer, Mich. Platform elevating mechanism. 1,915,143; June 20.
- Winnemore, Jullien F., Chevy Chase, Md. Combination receptacle for smokers' articles or similar device. Des. 90,352; July 18.
- Winnen, Fred W. (See Nason, F. A., and Winnen.)
- Winnewisser, Emil A., assignor to The Prosperity Company Inc., Syracuse, N. Y. Combination pressing machine. 1,938,883; Dec. 12.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Electric switch. 1,908,204; May 9.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Foot operated switch mechanism. 1,908,205; May 9.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Assembling tubular housings. 1,908,206; May 9.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Co., Milwaukee, Wis. Carburetor choke control. 1,912,678; June 6.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Automobile lighting. 1,918,579; July 18.
- Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Shaving and slicing mechanism. 1,923,348; Aug. 22.
- Winning, William F., Braddock, Pa. Refillable vanity case. 1,894,210; Jan. 10.
- Winograd, Harold, Collingwood, N. J., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rectifier cooling system control. 1,901,071; Mar. 14.
- Winogradow, Alexander, New York, N. Y. Impregnating fiber board with solid substances. 1,917,176; July 4.
- Winogradow, Alexander, New York, N. Y. Impregnating fiber board with a salt. 1,928,805; Oct. 3.
- Winona Attrition Mill Company. (See Tomashek, William M., assignor.)
- Winqvist, Victor H., Seattle, Wash. Sleeve valve two cycle engine. 1,900,475; Mar. 7.
- Winqvist, Victor H., assignor to Mill Engineering and Supply Company, Seattle, Wash. Conveyor drive means. 1,903,383; Apr. 4.
- Winsborough, Paxson. (See Davis, A. H., jr., and Winsborough.)
- Winsell, William R., Kansas City, Mo. Oil burner. 1,913,429; June 13.
- Winship, Edward J., Baltimore, Md. Illuminated sign, character, and letter. 1,908,393; May 9.
- Winslette, Isabel, Chapel Hill, N. C. Vanity case. 1,930,785; Oct. 17.
- Winslow, Charles A., Vallejo, Calif. Exhausting system for hydrocarbon engines and the like. 1,897,746; Feb. 14.
- Winslow, Charles A., Vallejo, Calif. Air filter. 1,898,027; Feb. 21.
- Winslow, Charles A., Vallejo, Calif. Air cleaner. 1,912,235; May 30.
- Winslow, Charles A., San Francisco, Calif., assignor, by mesne assignments, to American Diesel Engine Company. Engine. 1,926,077; Sept. 12.
- Winslow, Charles A., Vallejo, and E. J. Hall, Berkeley, Calif. Oil filter. 1,901,484; Mar. 14.
- Winslow, Edward J., Chicago, Ill. Repair device for closing ruptures in concrete structures. 1,905,405; Apr. 25.
- Winslow, Lenna R., Miami, Fla. Elevator. 1,923,603; Aug. 22.
- Winsor, Irwin B., et al. (See Hull, George S., assignor.)
- Winsor, Irwin B., Tulsa, Okla. Solenoid motor. 1,918,364; July 18.
- Winsor, Irwin B., Tulsa, Okla. Method of and apparatus for pumping wells with pressure fluid. 1,927,055; Sept. 19.
- Winstanley, Charles R., Johnstown, Pa. Closet bowl construction. 1,929,131; Oct. 3.
- Winston, Arthur W., assignor to The Dow Chemical Company, Midland, Mich. Casting readily oxidizable metals. 1,899,906; Feb. 28.
- Winston, John R., R. C. Wright, and J. F. Wootten, Washington, D. C., dedicated to the Government and the people of the United States of America. Coloring fruits and vegetables. 1,920,540; Aug. 1.
- Winston, William J., assignor to Mitts & Merrill, Saginaw, Mich. Keyseating machine. 1,915,506; June 27.
- Wintemberg, Adelbert C., and T. H. Ainsworth, Drexel Hill, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway spring system. 1,935,341; Nov. 14.
- Winter, Carl, and N. Roh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Purification of anhydrous aluminum chloride containing iron. 1,914,335; June 13.
- Winter, Curt O., Saylesville, R. I. Safety razor. Des. 89,582; Apr. 4.
- Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Speed responsive system. 1,894,810; Jan. 17.
- Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Electrical relay. 1,894,811; Jan. 17.
- Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Electrical regulating system. 1,931,097; Oct. 17.
- Winter, Jacob H., New York, N. Y. Folding paper cedar chest. 1,935,601; Nov. 14.
- Winter, Joseph M. (See Gannon, J. E., and Winter.)
- Winter, Murray, Wrentham, assignor, by mesne assignments, to The Sentry Company, Taunton, Mass. Heating steel for hardening. 1,898,415; Feb. 21.
- Winter, Otto, Himmelkron, Germany. Throttling device for internal combustion engines. 1,929,010; Oct. 3.
- Winter, Otto R., Cincinnati, Ohio, assignor to The Upson Company, Lockport, N. Y. Sheet severing mechanism. 1,902,604; Mar. 21.
- Winter Otto R., Cincinnati, Ohio, assignor to The Upson Company, Lockport, N. Y. Machine for making bats. 1,921,495; Aug. 8.
- Winterhalter, Martin, Barmen, Germany. Ripping closure and the like. 1,933,290; Oct. 31.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 1,903,640; Apr. 11.

- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 1,912,053; May 30.
- Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Resistance in series with electrodes. 1,913,784; June 13.
- Winters, Alexander F., Grand Rapids, assignor to Winters & Crampton, Manufacturing Company, Grandville, Mich.Latch or hinge attachment. 1,940,038; Dec. 19.
- Winters, August C. (See Wahl, William F., assignor.)
- Winters & Crampton Company. (See Geske, Carl, assignor.)
- Winters & Crampton Manufacturing Company. (See DeVoe, George E., assignor.)
- Winters & Crampton Manufacturing Company. (See Winters, Alexander F., assignor.)
- Winters, Frank F. (See Driggs, Lorenzo J., assignor.)
- Winters, Wilbur H., Larchmont, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,907,635; May 9.
- Winters, Wilbur H., Larchmont, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,927,251; Sept. 19.
- Winters, Wilbur H., Larchmont, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 1,927,252; Sept. 19.
- Winther, Anthony. (See Winther, Martin P. and A.)
- Winther Company, The. (See Winther, Martin P. and A., assignors.)
- Winther, Martin P. (See Peterson, H. F., and Winther.)
- Winther, Martin P., Chicago, Ill., and A. Winther, Kenosha, Wis., assignors to The Winther Company, Wilmington, Del. Power translator. 1,893,346; Jan. 3.
- Winther, Simon P., Jr., New York, N. Y. Hydraulic aeroplane control. 1,935,004; Nov. 14.
- Winther, William A., assignor to Edmund P. Smith, Menominee, Mich. Stencil printing device. 1,903,740; Apr. 11.
- Winthrop Chemical Company. (See Backmühl, M., Lindner, and Schaumann, assignors.)
- Winthrop Chemical Company. (See Benda, Louis, assignor.)
- Winthrop Chemical Company. (See Berendes, R., and Kropp, assignors.)
- Winthrop Chemical Company. (See Berendes, R., and Schütz, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Bockmühl, M., Krohs, and Ehrhart, assignors.)
- Winthrop Chemical Company. (See Dressel and Tietze, assignors.)
- Winthrop Chemical Company. (See Fehrle, A., Streitwolf, and Herrmann, assignors.)
- Winthrop Chemical Company. (See Günzler, H., and Neubert, assignors.)
- Winthrop Chemical Company. (See Hagenest, H., and Stauf, assignors.)
- Winthrop Chemical Company. (See Herzberg, W., and Lange, assignors.)
- Winthrop Chemical Company. (See Knoll, Robert, assignor.)
- Winthrop Chemical Company. (See Knorr, A., Weissenborn, and Laage, assignors.)
- Winthrop Chemical Company. (See Kropp, W., and Delchsel, assignors.)
- Winthrop Chemical Company. (See Kropp, W., Lange, and Bohne, assignors.)
- Winthrop Chemical Company. (See Laquer, F., and Weyland, assignors.)
- Winthrop Chemical Company. (See Lautenschläger, Carl L., assignor.)
- Winthrop Chemical Company. (See Lehmann, R., Heckmanns, Dobmaier, and Willems, assignors.)
- Winthrop Chemical Company. (See Linsert, Otto, assignor.)
- Winthrop Chemical Company. (See Marx, K., and Brodersen, assignors.)
- Winthrop Chemical Company. (See Meerwein, Hans, assignor.)
- Winthrop Chemical Company. (See Meerwein, H., and Goth, assignors.)
- Winthrop Chemical Company. (See Muth, F., and Wesenberg, assignors.)
- Winthrop Chemical Company. (See Pfannenstiel, H., and Johannes, assignors.)
- Winthrop Chemical Company. (See Rath, C., and Heckmanns, assignors.)
- Winthrop Chemical Company. (See Reddelien, G., and Lange, assignors.)
- Winthrop Chemical Company. (See Schmidt, H., and Jung, assignors.)
- Winthrop Chemical Company. (See Schönhöfer, Fritz, assignor.)
- Winthrop Chemical Company. (See Schönhöfer, F., and Andersags, assignor.)
- Winthrop Chemical Company. (See Schulemann, W., Mietzsch, and Winger, assignors.)
- Winthrop Chemical Company. (See Schulemann, W., Schönhöfer, and Winger, assignors.)
- Winthrop Chemical Company. (See Stolz, F., Böttcher, Hallensleben, and Krohs, assignors.)
- Winthrop Chemical Company. (See Stolz, F., and Hallensleben, assignors.)
- Winthrop Chemical Company. (See Streitwolf, K., Fehrle, and Hilmer, assignors.)
- Winthrop Chemical Company. (See Streitwolf, K., Fehrle, Hilmer, and Schmidt, assignors.)
- Winthrop Chemical Company. (See Windaus, Adolf, assignor.)
- Winthrop Chemical Company. (See Zimmerman, W., and Frankenburger, assignors.)
- Winthrop Chemical Company, Inc. (See Bockmühl, M., Ehrhard, and Stein, assignors.)
- Winthrop Chemical Company, Inc. (See Callsen, Jürgen, assignor.)
- Winthrop Chemical Company, Inc. (See Dobmaier, Karl, assignor.)
- Winthrop Chemical Company, Inc. (See Krollpfeiffer, Friedrich, assignor.)
- Winthrop Chemical Company, Inc. (See Mietzsch, F., and Klös, assignors.)
- Winthrop Chemical Company, Inc. (See Räth, Curt, assignor.)
- Winthrop Chemical Company, Inc. (See Schmidt, Hans, assignor.)
- Winthrop Chemical Company, Inc. (See Stolz, F., and Flaecher, assignors.)
- Winthrop Chemical Company, Inc. (See Streitwolf, K., Fehrle, and Herrmann, assignors.)
- Winthrop Chemical Company, Inc. (See Streitwolf, K., Fehrle, Herrmann, and Fritzsche, assignors.)
- Winthrop Chemical Company, Inc. (See Streitwolf, K., Fehrle, and Oesterlin, assignors.)
- Winthrop Chemical Company, Inc. (See Taub, L., and Kropp, assignors.)
- Winton, Lewis B., Greenwich, Conn., assignor, by mesne assignments, to American Sealcone Corporation, New York, N. Y. Forming openings in receptacles. 1,928,120; Sept. 26.
- Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Apparatus for freezing liquid or semiliquid substances in receptacles. 1,932,431; Oct. 31.
- Winton, Ralph E. (See Falcone, P., and Winton.)
- Wintringham, William T. (See Bailey, A., Herman, and Wintringham.)
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Lubrication for submerged bearings. 1,893,921; Jan. 10.
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Submersible bearing structure. 1,893,922; Jan. 10.
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Intermediate bearing construction. 1,909,560; May 16.
- Wintroath, John A., Los Angeles, assignor to Wintroath Pumps, Ltd., Alhambra, Calif. Sand protected by-pass seal. 1,924,203; Aug. 29.
- Wintroath Pump, Ltd. (See Wintroath, John A., assignor.)
- Wintzer, Rudolf, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Bedplate construction. 1,906,781; May 2.
- Wintzer, Rudolf, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Power plant. 1,927,970; Sept. 26.
- Winzeler, Henry S., assignor to The Ohio Art Company, Bryan, Ohio. Embossed covered picture and making same. 1,924,429; Aug. 29.
- Winzenburg, Wilhelm, Dresden, Germany. Combined cinematographic apparatus. 1,905,614; Apr. 25.
- Winzer, Charles B., Balham, London, England, assignor to Ernst P. Lehmann, Brandenburg, Havel, Germany. Playing a game of skill. 1,919,706; July 25.
- Winzer, Charles B., London, England. Apparatus for the carbonization of coal, peat, wood, and the like. 1,929,132; Oct. 3.
- Wipfl, Joseph. (See Youngchild, J. W., and Wipfl.)
- Wippermann, Ulrich, New York, N. Y. Brake mechanism. 1,932,299; Oct. 24.
- Wired Radio, Inc. (See Barone, Salvatore A., assignor.)
- Wired Radio, Inc. (See Bohner, Chance E., assignor.)
- Wired Radio, Inc. (See Boljahn, Adolf W. C., assignor.)
- Wired Radio, Inc. (See Chromy, Ben J., assignor.)
- Wired Radio, Inc. (See Crossley, Alfred, assignor.)
- Wired Radio, Inc. (See Culver, Charles A., assignor.)
- Wired Radio, Inc. (See Davis, Chester L., assignor.)
- Wired Radio, Inc. (See Davis, Thomas M., assignor.)
- Wired Radio, Inc. (See Dawson, Leo H., assignor.)
- Wired Radio, Inc. (See Duncan, Robert D., Jr., assignor.)
- Wired Radio, Inc. (See Gebhard, Louis A., assignor.)
- Wired Radio, Inc. (See Gebhard, L. A., and Meyer, assignors.)
- Wired Radio, Inc. (See Gebhard, L. A., assignor, and Rudolph.)
- Wired Radio, Inc. (See Gebhard, L. A., and Rudolph, assignors.)
- Wired Radio, Inc. (See Gerns, William H., assignor.)
- Wired Radio, Inc. (See Hanson, Malcolm P., assignor.)
- Wired Radio, Inc. (See Hentschel, Ernest R., assignor.)
- Wired Radio, Inc. (See Hotopp, Alfred H., Jr., assignor.)
- Wired Radio, Inc. (See Hough, Clinton W., assignor.)
- Wired Radio, Inc. (See Hund, August, assignor.)
- Wired Radio, Inc. (See Hyland, Lawrence A., assignor.)
- Wired Radio, Inc. (See Lewis, Harold M., assignor.)
- Wired Radio, Inc. (See Nicolson, Alexander M., assignor.)

- Wired Radio, Inc. (See Scheibell, Gordon B., assignor.)
 Wired Radio, Inc. (See Taylor, Albert H., assignor.)
 Wired Radio, Inc. (See Terman, Frederick E., assignor.)
 Wired Radio, Inc. (See Troger, Arthur M., assignor.)
 Wiremold Company, The. (See Rutherford, Charles E., assignor.)
 Wirén, Oscar A., Stockholm, Sweden. Arrangement in digesters adapted for manufacturing cellulose and working with circulation effected by a centrifugal pump. 1,904,810; Apr. 18.
 Wire Novelty Manufacturing Company, The. (See Domke, John H., assignor.)
 Wire Novelty Manufacturing Company. (See Elwell, George H., assignor.)
 Wire Novelty Manufacturing Company, The. (See Heather, George B., assignor.)
 Wirt Company. (See Kaelber, Julius C., assignor.)
 Wirt Company. (See Weichelt, Carl L., assignor.)
 Wirt, Harry M., Spokane, Wash., assignor to March Construction Co. Tractor scoop structure. 1,901,485; Mar. 14.
 Wirtel, Arthur F. (See De Groote M., and Wirtel.)
 Wirtel, Arthur F. (See De Groote, M., Keiser, and Wirtel.)
 Wirtel, Arthur F. (See De Groote, M., Monson, and Wirtel.)
 Wirth, Alfred, Erkelenz, Germany. Combined drilling and milling machine. 1,915,708; June 27.
 Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 1,894,653; Jan. 17.
 Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 1,894,654; Jan. 17.
 Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 1,900,147; Mar. 7.
 Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 1,902,981; Mar. 28.
 Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 1,933,884; Nov. 7.
 Wirth, Johann K. (See Lebach, H., and Wirth.)
 Wirth, Johann K., Berlin-Wilmersdorf, Germany. Manufacturing chemical resisting articles. 1,917,413; July 11.
 Wirth, Louis E., assignor to A. M. Hanauer, Pittsburgh, Pa. Stripper bar mounting. 1,899,405; Feb. 28.
 Wirth, Louis E., Pittsburgh, Pa., assignor to Cotton Harvester Corporation of America. Cotton harvesting machine. 1,901,686; Mar. 14.
 Wirth, Louis E., assignor to A. M. Hanauer, Pittsburgh, Pa. Stripper bar structure. 1,909,646; May 16.
 Wirth, Theodor. (See Knecht, O., and Wirth.)
 Wirth, Walter J., Indianapolis, Ind. Combined cigarette, match, and ash holder. 1,924,730; Aug. 29.
 Wirth, Walter V., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company. Wilmington, Del. Manufacture of phosphorus pentachloride. 1,906,440; May 2.
 Wirtz, Franklin H. (See Shaffer, G. A., and Wirtz.)
 Wirz, A. H., Inc. (See Barker, Edwin H., assignor.)
 Wirz, Adolf. (See Blanchod, J., and Wirz.)
 Wirz, Ernest, Uetikon-on-the-Sea, Switzerland. Three-way dump truck. 1,933,689; Nov. 7.
 Wirz, Herman, jr., assignor of forty-nine one-hundredths to C. F. Hlavaty, Los Angeles, Calif. Automatic sewer flusher. 1,918,678; July 18.
 Wirz, Herman, jr., and C. F. Hlavaty, Los Angeles, Calif. Sewer flushing apparatus. 1,934,959; Nov. 14.
 Wisconsin Aluminum Foundry Company. (See Eck, G. E. W., and Loeffler.)
 Wisconsin Alumni Research Foundation, The. (See Tetra-
 rault, Philippe A., assignor.)
 Wisconsin Axle Company. (See Keese, Beverly W., assignor.)
 Wisconsin Box Company. (See Gooding, Donald R., assignor.)
 Wisconsin Butter Tub Co. (See Hines, R. L., and Blum, J. A. and P. L., assignors.)
 Wisconsin Motor Manufacturing Company. (See Milbrath, Arthur F., assignor.)
 Wise, Edmund M., Jersey City, N. J., assignor to The International Nickel Company, Inc. Precious metal alloy. 1,913,423; June 13.
 Wise, Edmund M., Jersey City, N. J., assignor to The International Nickel Company, Inc. Precious metal alloy. 1,935,897; Nov. 21.
 Wise, Edmund M., Cincinnati, Ohio, assignor, by mesne assignments, to The International Nickel Company, Inc., New York, N. Y. Nonferrous alloy. 1,928,747; Oct. 3.
 Wise, George A., Pittsburgh, Pa., assignor to Sutton Engineering Company. Finishing rounds. 1,914,587; June 20.
 Wise, Karl M., assignor to The Pierce-Arrow Motor Car Company, Buffalo, N. Y. Rear axle mounting. 1,939,155; Dec. 12.
 Wise, Leslie M., McKeesport, Pa. Automatic feed control for carbide generators. 1,903,726; Apr. 11.
 Wise Patent and Development Company. (See Wise, Roy T., assignor.)
 Wise, Raleigh J., Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Speed governor for alternating current motors. 1,918,203; July 11.
 Wise, Roger M., Emporium, Pa. Vacuum tube. 1,921,061; Aug. 8.
 Wise, Roger M., assignor of one-half to E. T. Cunningham, New York, N. Y. Amplifier system. 1,912,470; June 6.
 Wise, Roy T., Berkeley, Calif., assignor to Wise Patent and Development Company, New York, N. Y. Clutch. 1,941,161; Dec. 26.
 Wise Shoe Co. Inc. (See Gluckman, Aaron, assignor.)
 Wise, Solomon, Shaker Heights, Ohio. Attaching device for spare wheels. 1,915,564; June 27.
 Wise, Solomon, Shaker Heights, Ohio. Fill cap lock. 1,915,565; June 27.
 Wiseberg, Aaron A. (See Gaskins, John B., assignor.)
 Wisehaupt, Richard E., Los Angeles, Calif. Mirror. Des. 90,743; Sept. 19.
 Wiseley, Don C., Los Angeles, Calif. Alarm wrist watch. 1,927,765; Sept. 19.
 Wiseman, Alfred, Limited. (See Sillince, William P., assignor.)
 Wiseman, John F., Dorchester, Mass. Windshield wiper. 1,910,311; May 23.
 Wiseman, John F., Dorchester, Mass. Windshield wiper. 1,920,730; Aug. 1.
 Wiseman, Thomas A., Tullahoma, Tenn. Bin. 1,898,416; Feb. 21.
 Wiseman, Thomas J., Nitro, W. Va. Tester for internal combustion engines. 1,915,709; June 27.
 Wishard, Samuel D., Ludlow, Calif. Track recorder. 1,898,159; Feb. 21.
 Wishon, Ralph, Chicago, Ill., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,915,638; June 27.
 Wisman, Theodore, Minneapolis, Minn. Radio testing voltmeter switch. 1,928,345; Sept. 26.
 Wismar, Emil, Los Angeles, Calif. Can opener and spout former. 1,906,298; May 2.
 Wisner, Andrew P., assignor to The Studebaker Corporation, South Bend, Ind. Brake. 1,896,991; Feb. 7.
 Wisner, Emens B., Detroit, Mich. Hydraulic steering gear. 1,927,580; Sept. 19.
 Wisner Manufacturing Company, et al. (See Behringer, E. H., and Hatch, assignors.)
 Wisniewski, Edmund. (See Janssen, H., and Wisniewski.)
 Wiss, J. and Sons Co. (See Raub, Frederic H., assignor.)
 Wissel, Kurt. (See Pier, Mathias, and Wissel.)
 Wissel, Kurt. (See Winkler, K., and Wissel.)
 Wissler, William A. (See Harris, A. V., and Wissler.)
 Wissler, William A., Jackson Heights, N. Y., assignor to Haynes Stellite Company. Welding rod and making the same. 1,903,952; Apr. 18.
 Wissmann, Kurt, assignor to Demag Aktiengesellschaft, Duisburg, Germany. Excavator. 1,940,616; Dec. 19.
 Wist, Engelbert, assignor to the Firm of Presslicht-Patentverwertungsges. m. b. H., Vienna, Austria. Converting the electric arc into an elongated flame. 1,935,593; Nov. 14.
 Wist, Andrew O., Minneapolis, Minn. Brake lining applier. 1,931,520; Oct. 24.
 Wistrand, Gunnar, Berlin, Germany, assignor to Aktiebolaget Svenska Kullagerfabriken, Gothenburg, Sweden. Bearing mounting. 1,904,258; Apr. 18.
 Wiswell, Ozo N. (See Allen, S. E., and Wiswell.)
 Wiswell, Ozo N., assignor to C-O-Two Fire Equipment Company, Los Angeles, Calif. Head for puncturing closure disks. 1,910,511; May 23.
 Witaschek, John H., assignor of one-third to F. N. Holland, and one-third to P. J. Brehm, Denver, Colo. Curtain fastener. 1,913,737; June 13.
 Witchger, Eugene J., and O. A. Koebke, assignors to Lufkin Rule Co., Saginaw, Mich. Micrometer gauge. 1,940,475; Dec. 19.
 Witham, Harry J., Philadelphia, Pa. Collar point pressing machine. 1,924,671; Aug. 29.
 Witherell, Robert R., Bloomington, Ill. Making rotary gear pumps. 1,938,203; Dec. 5.
 Witherhead, Howard F., Rutherford, and L. G. Handy, Mountain View, N. J. Circuit closing device for series sets. 1,912,236; May 30.
 Witherly, William C., Vancouver, British Columbia, Canada. Differential. 1,898,330; Feb. 21.
 Witherow, Henry, Calumet City, Ill. Vehicle indicator light. Des. 90,827; Oct. 3.
 Witherow, William P., Pittsburgh, and P. L. Coyle, Coraopolis, Pa., assignors to Republic Steel Corporation, Youngstown, Ohio. Die rolling. 1,923,017; Aug. 15.
 Withers, Gilbert W., Atlanta, Ga. Traffic signal. 1,931,174; Oct. 17.
 Withers, Roy. (See Webb, Samuel N., assignor.)
 Witherspoon, Burton H., Pittsburgh, Pa. Mixing device. 1,918,679; July 18.
 Witherspoon, Lillian S., San Francisco, Calif. Container. 1,935,969; Nov. 21.
 Withey, Louis L., Rome, N. Y. Floor lamp base holder. Des. 90,561; Aug. 22.
 Withington, William H., New York, N. Y., assignor to Hardinge Company, Incorporated, York, Pa. Liquid clarifier. 1,911,008; May 23.
 Withington, Winthrop, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rake. 1,904,843; Apr. 18.
 Withington, Winthrop, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rake. 1,925,357; Sept. 5.
 Withrow, Floyd G., Grand Rapids, Mich. Mirror bracket. 1,933,888; Nov. 7.
 Withrow, Robert B., Cincinnati, Ohio, assignor to General Development Laboratories, Inc., New York, N. Y. Filter. 1,938,734; Dec. 12.

- Witke, Elmer A., assignor to Outboard Motors Corporation, Milwaukee, Wis. Outboard motor mounting. 1,895,696; Jan. 31.
- Witkiewicz, Roman, and A. Wicinski, Lwow, Poland. Regulating crankless motor compressors. 1,918,882; July 18.
- Witkiewicz, Roman, and A. Wicinski, Lwow, Poland. Crankless motor-compressor. 1,930,786; Oct. 17.
- Witkin, Zara, Los Angeles, Calif. Safety drill table. 1,892,690; Jan. 3.
- Witkin, Zara, Los Angeles, Calif. Safety driving connection for drill strings. 1,923,182; Aug. 22.
- Witmer, Enos B. (See Morgan, K., and Witmer.)
- Witmer, Harold G., assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signals. 1,913,578; June 13.
- Witschge, Peter H. (See Sutton, G. C., and Witschge.)
- Witt, Dietrich, Karlsruh, Germany. Process for the manufacture of a carbon dioxide manure. 1,917,680; July 11.
- Witt, Joshua C., Chicago, Ill. Coloring material. 1,900,216; Mar. 7.
- Witt, Samuel E. (See Paul, L. R., and Witt.)
- Witt, Samuel E., New York, and L. R. Paul, Brooklyn, N. Y. Dispensing container. 1,933,646; Nov. 7.
- Wirtberger, Anton, assignor to Koehring Company, Milwaukee, Wis. Double band internal expanding clutch. 1,928,324; Sept. 26.
- Wittcoff, Edward, St. Louis, Mo. Headwear. 1,932,004; Oct. 24.
- Wittcoff, Edward, University City, Mo. Straw hat manufacture. 1,932,005; Oct. 24.
- Wittcoff, Edward, University City, assignor to Caradine Hat Company, St. Louis, Mo. Hat. Des. 90,965; Oct. 31.
- Wittcoff, Edward, University City, assignor to Evr-Klean Seat Pad Company, St. Louis, Mo. Pad for couches and the like. 1,925,358; Sept. 5.
- Wittcoff, Edward, University City, assignor to Evr-Klean Seat Pad Company, St. Louis, Mo. Seat cover. 1,927,331; Sept. 19.
- Witte, Clara M., Nebraska City, Nebr. Marine steering mechanism. 1,916,597; July 4.
- Witte, Clarence E., Thornton, Wash. Animal trap. 1,913,823; June 13.
- Witte, Erhard. (See Stöckly, J. J., and Witte.)
- Witte, Erhard, Berlin-Lichterfelde, Germany, assignor to American Glanzstoff Corporation, New York, N. Y. Reel. 1,907,695; May 9.
- Witte, Martin, Breslau, Germany. Rapid determination of the percentages of light and black constituents of finely grained mixtures. 1,894,808; Jan. 17.
- Witte, Martin, Breslau, Germany. Testing of coal dust-mineral dust mixtures. 1,894,809; Jan. 17.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture film feeding device. 1,900,876; Mar. 7.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Supporting structure for the casing of a motion picture projection screen. 1,905,543; Apr. 25.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture camera. 1,912,749; June 6.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic optical system. 1,925,552; Sept. 5.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Guide means for a photographic roll holder. 1,925,553; Sept. 5.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture camera. 1,933,782; Nov. 7.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic gates for film. 1,933,783; Nov. 7.
- Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Folding finder for cameras. 1,933,784; Nov. 7.
- Witte-meier, Hans, Berlin-Grunewald, Germany, assignor to Midwest Manufacturing Company, Inc., Louisville, Ky. Filtering apparatus. 1,900,476; Mar. 7.
- Witte-meier, Hans, Berlin-Grunewald, Germany, assignor to Midwest Manufacturing Company, Inc., Louisville, Ky. Optical gas tester. 1,900,477; Mar. 7.
- Wittenberg, Robert, Berlin-Grunewald, Germany, assignor, by mesne assignments, to Colonial Bead Company Inc., New York, N. Y. Fastener. 1,927,480; Sept. 19.
- Wittenmyer, Carlos. (See Watts, F. J., and Wittenmyer.)
- Witter, Lawrie L. (See Reinhard, Frank A., assignor.)
- Witter, Lawrie L., et al. (See Schirmer, Rens E., assignor.)
- Witter, Lawrie L., Jamaica Plain, Mass. Announcing device. 1,933,647; Nov. 7.
- Witter, Lawrie L., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 1,916,504; July 4.
- Witting, Bruno, Bonn-on-the-Rhine, Germany. Producing metal rollers. 1,934,901; Nov. 14.
- Wittkuhns, Bruno A. (See Sperry, E. A., jr., and Wittkuhns.)
- Wittkuhns, Bruno A., Chatham, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control system. 1,921,982; Aug. 8.
- Wittkuhns, Bruno A., Chatham, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Follow-up device for gyro compasses. 1,921,983; Aug. 8.
- Wittkuhns, Bruno A., Chatham, N. J., and F. M. Watkins, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control system. 1,916,706; July 4.
- Wittliif, Theodore H., Cleveland, Ohio. Furniture brace. 1,914,706; June 20.
- Wittliif, Theodore H., Cleveland, Ohio. Brace for articles of furniture. 1,921,143; Aug. 8.
- Wittlinger, Leonard M., Flint, assignor to General Motors Research Corporation, Detroit, Mich. Carburetor. 1,897,782; Feb. 14.
- Wittnebel, Arthur A. (See Aitchison, P., Wood, and Wittnebel.)
- Wittstein, Charles T., Newark, N. J. Ornamental display device. 1,905,544; Apr. 25.
- Wittstein, Herman L., assignor to The Atlas-Ansonia Company, New Haven, Conn. Hanger for towels and the like. 1,915,112; June 20.
- Wittwer, Max. (See Steimmg, G., and Wittwer.)
- Witty, George, New York, N. Y. Slag cement. 1,912,815; June 6.
- Witty, George, New York, N. Y. Brick. 1,914,061; June 13.
- Witzel, Heinrich W. (See Jaeger, A. O., and Witzel.)
- Witzel, Heinrich W., Ingram, assignor to The Selden Company, Pittsburgh, Pa. Purification of crude maleic acids. 1,900,680; Mar. 7.
- Wizard, Inc. (See Fuerst, Edwin W., assignor.)
- Wobbe, Alfred H., Chicago, Ill. Clutch. 1,922,833; Aug. 15.
- Wocher, Max, and Son, Company, The. (See Schmidt, M., and Neubacher, assignors.)
- Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Axle straightening mechanism. 1,918,714; Jan. 17.
- Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Automobile frame straightening machine. 1,907,925; May 9.
- Woehler, Henry G., assignor to Niedringhaus, Inc., St. Louis, Mo. Manufacturing metallic doors. 1,898,417; Feb. 21.
- Woelm, Alfred, Berlin, Germany, assignor to Pencil Mechanism Corporation, New York, N. Y. Tip for mechanical lead pencils. 1,907,926; May 9.
- Woelm, Alfred, Berlin, Germany, assignor, by mesne assignments, to Pencil Mechanism Corporation. Magazine lead pencil. 1,928,042; Sept. 26.
- Woelm, Max, Spangenberg near Kassel, Germany. Production of morphine solutions. 1,916,090; June 27.
- Woelm, Max, Spangenberg near Kassel, Germany, assignor, by mesne assignments, to Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Production of anesthetic solutions. 1,916,089; June 27.
- Woerner, Herman B. (See Russell, D. C., and Woerner.)
- Woerner, Herman B., and D. C. Russell, Terre Haute, Ind. Ice-cream lift. 1,931,366; Oct. 17.
- Woernle, Harry E., Pittsburgh, Pa. assignor, by mesne assignments, to The American Hardware Corporation, New Britain, Conn. Latch structure. 1,937,930; Dec. 5.
- Woernley, Harry F., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Friction shock absorbing mechanism. 1,914,628; June 20.
- Woernley, Harry F., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combined cock and switch device. 1,919,406; July 25.
- Woertz, Oskar, Basel, Switzerland. Electrical junction box. 1,926,927; Sept. 12.
- Wohlenhaus, Emil, Welcome, Minn. Liquid clutch. 1,918,163; July 11.
- Wohlhieter, Joseph W., East Orange, N. J., assignor to Keystone Stamping Corporation. Mopstick head. 1,903,018; Mar. 28.
- Wohlrahe, Otto, Plauen, Germany. Four cylinder sheet-fed rotary offset press. 1,916,454; July 4.
- Wohnsiedler, Henry P. (See Barsky, G., and Wohnsiedler.)
- Woidich, Francis Sales, Tulsa, Okla. Combination tank vent, flame arrester, and automatic snuffer. 1,929,462; Oct. 10.
- Woidich, Karl, assignor to the Firm Gert & Co., Vienna, Austria. Acceleration of meat pickling processes. 1,911,009; May 23.
- Woithe, Gustav, New York, N. Y. Article safe. 1,913,738; June 13.
- Wojtowicz, Frank. (See Sobocinski, Felix L., assignor.)
- Wolcott, Alven E., Long Beach, Calif. Silent touch-type of combination lock. 1,913,697; June 13.
- Wolcott, Frank E., West Hartford, Conn., assignor The Beardsley & Wolcott Mfg. Co. Razor-blade stropper. 1,929,463; Oct. 10.
- Wolcott, Robeson B., Forest Park, Ill., assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Combined rear vision mirror and instrument. 1,923,768; Aug. 22.
- Wolf, Abraham, assignor to Apollo Shirt Company, New York, N. Y. Collar. 1,917,177; July 4.
- Wolf, Anthony S., assignor to Blaw-Knox Company, Pittsburgh, Pa. Road form. 1,936,740; Nov. 28.
- Wolf, Archie A., Louisa, Ky. Combined cigarette and match dispenser. 1,935,600; Nov. 14.
- Wolf Brothers. (See Wolf, Howard A., assignor.)
- Wolf, Charles, assignor to Schoenfeld & Wolf, Inc., New York, N. Y. Hand bag. 1,895,018; Jan. 24.
- Wolf, Clarence, assignor to Wolf Edger Company, Philadelphia, Pa. Safety razor blade honer. 1,920,491; Aug. 1.

- Wolfe, Darrell F., Punxsutawney, Pa. Window washer. 1,895,273; Jan. 24.
- Wolf, Edger Company. (See Wolf, Clarence, assignor.)
- Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Shoe stitcher. 1,921,277; Aug. 8.
- Wolf, Ezekiel. (See Sharaf, Ralph M., assignor.)
- Wolf, Ezekiel, Dorchester, assignor to Submarine Signal Company, Boston, Mass. Measuring distance. 1,924,174; Aug. 29.
- Wolf, Frank, New York, N. Y. Accessory for collapsible tubes. 1,912,929; June 6.
- Wolf, Frank F., assignor to Oakes & Burger Co. Inc., Cattaraugus, N. Y. Machine for cleaning cans. 1,917,350; July 11.
- Wolf, Fred L., assignor to The Ohio Brass Company, Mansfield, Ohio. Section insulator. 1,904,844; Apr. 18.
- Wolf, Frederick B. (See Koenig, L. R. and Wolf.)
- Wolf, Gabriel, Bratislava, Czechoslovakia. Interchangeable rubber tire. 1,897,974; Feb. 14.
- Wolf, Georg, assignor to the Firm Georg Wolf G. m. b. H., Berlin, Germany. Instrument for examining tubes and cavities in the human and other bodies. 1,915,811; June 27.
- Wolf, Georg, G. m. b. H. (See Wolf, Georg, assignor.)
- Wolf, Gregor, Betzdorf-on-the-Sieg, Germany. Hand cultivator. 1,902,389; Mar. 21.
- Wolf, Harry E., Pittsburgh, Pa. Tufting table apparatus. 1,930,574; Oct. 17.
- Wolf, Harry G. (See Keefer, Walter L., assignor.)
- Wolf, Harry R., assignor to General Motors Research Corporation, Detroit, Mich. Uniting dissimilar metals. 1,903,077; Mar. 28.
- Wolf, Harry S., Brooklyn, N. Y. Film holder. 1,932,946; Oct. 31.
- Wolf, Howard A., assignor to Wolf Brothers, Philadelphia, Pa. Dispenser. 1,902,052; Mar. 21.
- Wolf, Jacques, Nice, and G. A. Favre, Lyon, France. Catalytic production of anhydrous stannic chloride. 1,937,419; Nov. 28.
- Wolf, John, Lynbrook, F. W. Kiel, New York, N. Y., and R. C. Kahrmann, Elizabeth, N. J., assignors to Fred Butterfield & Co., Inc., New York, N. Y. Textile fabric. Des. 90,174; June 20.
- Wolf, John M., Kansas City, Mo., assignor of one-half to Carl Bingesser, Waconda Springs, Kans. Pump and motor fluid transporting mechanism. 1,907,378; May 2.
- Wolf, Leslie M., Los Angeles, Calif. Internal combustion engine. 1,914,707; June 20.
- Wolf, Louis, Philadelphia, Pa. Flowerpot handle. 1,922,066; Aug. 15.
- Wolf Machine Company, The, et al. (See Clark, Frederick J., assignor.)
- Wolf Machine Company, The, et al. (See Meyer, H. A., and Bloch, assignors.)
- Wolf, Marie C., Cleveland Heights, Ohio. Manicuring device. 1,905,976; Apr. 25.
- Wolf, Max, Berlin-Halensee, and N. Riehl, Berlin-Friedenau, assignors to Deutsche Gasglühlicht-Gesellschaft m. b. H., Berlin, Germany. Apparatus for collecting emanation in receptacles. 1,914,935; June 20.
- Wolf, Nicholas F., Evansville, Ind. Refrigerating automobile truck. 1,894,014; Jan. 10.
- Wolf, Otto R., River Forest, assignor to The Tribune Company, Chicago, Ill. Roll stand for printing presses. 1,919,456; July 25.
- Wolf, Paul, Zwickau, Germany. Electric accumulator. 1,913,908; June 13.
- Wolf, Paul M., Indianapolis, Ind. Universal joint. 1,935,926; Nov. 21.
- Wolf, Peter, assignor of one-half to J. Stepan, Omaha, Nebr. Lawn edging tool. 1,892,795; Jan. 3.
- Wolf, Peter, Essen, assignor to Fried Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Metal drum. 1,904,755; Apr. 18.
- Wolf, Peter, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Closing means, more particularly for milk cans and the like. 1,922,789; Aug. 15.
- Wolf, Rudolf, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, Berlin, Germany. Telephone system. 1,914,391; June 20.
- Wolf, Simon, Bronx, N. Y. Collapsible dress form. 1,905,202; Apr. 25.
- Wolffard, Merl R., Cambridge, Mass. Suspension mechanism. 1,907,927; May 9.
- Wolfe, Albert, et al. (See Stanger, William D., assignor.)
- Wolfe, Archie R., Summit, N. J. Electric connection plug. 1,915,344; June 27.
- Wolfe, Archie R., Summit, N. J. Electrical socket. 1,928,657; Oct. 3.
- Wolfe, Bernard J., assignor to Gleason Works, Rochester, N. Y. Combination lapping and testing machine for gears. 1,917,178; July 4.
- Wolfe, Charles S., Norristown, assignor to Burd P. Evans, Trappe, Pa. Static suppressor. 1,913,909; June 13.
- Wolfe, Chesley L. (See Wiley, R. A., and Wolfe.)
- Wolfe, Elias, et al. (See Stanger, William D., assignor.)
- Wolfe, Harley H., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Gasoline pump and meter pump. 1,926,324; Sept. 12.
- Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Draft yoke. 1,933,200; Oct. 31.
- Wolfe, Henry J. (See Jeffrey, D. C., and Wolfe.)
- Wolfe, Howard, et al. (See Stanger, William D., assignor.)
- Wolfe, John M., Poland, Ohio. Pumping jack. 1,895,060; Jan. 24.
- Wolfe, John W., assignor to The United Electric Corporation, Canton, Ohio. Suction cleaner. 1,913,183; June 6.
- Wolfe, Leonard W., Liberty, Ind., assignor, by mesne assignments, to The Dunham Company, Berea, Ohio. Wheeled vehicle. 1,921,597; Aug. 8.
- Wolfe, Louis, et al. (See Stanger, William D., assignor.)
- Wolfe, Oliver P., jr., Boston, Mass. Support and holder for brooms, mops, and the like. 1,911,781; May 30.
- Wolfe, Oliver P., jr., Boston, Mass., assignor of one-half to Richard C. Mottu, Baltimore, Md. Stencil device. 1,896,877; Feb. 7.
- Wolfe, Ralph A. (See Duffendack, O. S., and Wolfe.)
- Wolfe, Richard C., assignor to California Consolidated Water Company, Los Angeles, Calif. Water cooler. 1,913,866; June 13.
- Wolfe, Richard R., Washington, D. C., assignor to General Electric Company. Alternating current motor. 1,937,373; Nov. 28.
- Wolfe, Wallace V., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound recording. 1,940,282; Dec. 19.
- Wolfe, Walter G., Greenwood, assignor to Wilmot R. Evans, trustee, Boston, Mass. Projection apparatus. 1,900,966; Mar. 14.
- Wolfer, Franz, assignor to Felten & Guillaume Carlsberg Actiengesellschaft, Cologne-Mulheim, Germany. Switchgear installation. 1,935,508; Dec. 5.
- Wolff, Charles H., Philadelphia, Pa. Diagnostic device. 1,938,364; Dec. 5.
- Wolff, Charles J., San Antonio, Tex. Well pumping unit. 1,939,751; Dec. 19.
- Wolff, Ernst, Linden-Ruhr, Germany. Coke oven door. 1,908,467; May 9.
- Wolff, Ernst, Linden-Ruhr, Germany. Coke oven door. 1,908,501; May 9.
- Wolff, Fritz, Plauen, Germany. Form cylinder for offset-printing machines. 1,927,728; Sept. 19.
- Wolff, Hugo, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of benzantrone derivatives. 1,909,738; May 16.
- Wolff, Hugo, M. A. Kunz, Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyes-stuffs of the anthraquinone series. 1,896,435; Feb. 7.
- Wolff, Irving. (See Weinberger, J., and Wolff.)
- Wolff, Irving, Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method and apparatus for eliminating the effect of cabinet resonance. 1,901,388; Mar. 14.
- Wolff, Ivan, New York, N. Y. Rail joint. 1,911,595; May 30.
- Wolff, Joseph P., Detroit, Mich. Aerial indicating means. 1,937,374; Nov. 28.
- Wolff, Louis B., New York, N. Y. Magazine brush. 1,933,291; Oct. 31.
- Wolff, Samuel, assignor to Wolf-Tober Shoe Mfg. Company, St. Louis, Mo. Shoe. 1,938,204; Dec. 5.
- Wolff, Saul K., Long Beach, N. Y. Garment hanger. 1,914,840; June 20.
- Wolff-Tober Shoe Mfg. Company. (See Wolff, Samuel, assignor.)
- Wolff, Walter. (See Fikentscher, H., and Wolff.)
- Wolff, Werner. (See Krzikalla, H., and Wolff.)
- Wolffman, Martin, Brooklyn, N. Y. Door peep hole frame. Des. 89,325; Feb. 21.
- Wolfram, Arthur. (See Kranzlein, G., Wolfram, and Broeker.)
- Wolfram, Arthur. (See Kranzlein, G., Wolfram, and Hausdörfer.)
- Wolfram, Arthur, Frankfurt-on-the-Main-Rodel-Heim, and E. Hausdörfer, Hofheim-in-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing dipthaloylnaphthalene compounds and new compounds obtainable thereby. 1,917,414; July 11.
- Wolfram, Gerhard, Dessau, Germany. Portable work bench. 1,901,790; Mar. 14.
- Wolskie Knitting Mills, Inc. (See Hall, Renée, assignor.)
- Wolfsohn, Kurt, Schoeneberg, near Berlin, assignor to Rotophot A.-G. für Graphische Industrie, Berlin, Germany. Production of endless intaglio printing forms. 1,911,254; May 30.
- Wolfson, Samuel J., Everett, assignor to Concrete-Wood Floor Clip Company, Inc., Charlestown, Mass. Fastener for flooring. 1,925,163; Sept. 5.
- Wolfson, Sidney L., assignor to The Cuno Engineering Corporation, Meriden, Conn. Electric cigar lighter. 1,908,502; May 9.
- Wolfson, Sidney L., assignor to The Cuno Engineering Corporation, Meriden, Conn. Electric lighter for cigars, etc. 1,911,596; May 30.
- Woll, Charles F., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Variable condenser. 1,925,828; Sept. 5.
- Wollack, Kurt. (See Langer, M., Scheunert, and Wollack.)
- Wollemann, Johannes. (See Laska, L., and Wollemann, assignors.)
- Wollenberg, Harry L., assignor to Longview Fibre Company, San Francisco, Calif. Chemical treatment process and apparatus. 1,915,812; June 27.

- Wollesen, William D. (See Thompson, E. W., Wollesen, and Titus.)
- Wollheim, Caesar J., Chicago, Ill. Tire cover. 1,910,416; May 23.
- Wolpert, Albert. (See Lapp, E., Wolpert, and Shaw.)
- Wolsley Motors (1927) Limited. (See Towler, Clifford O., assignor.)
- Wolters, Carl F., Marietta, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Drawer suspension. 1,902,795; Mar. 21.
- Wolters, Carl F., Marietta, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Monolithic filing cabinet and attachments therefor. 1,904,912; Apr. 18.
- Wolters, Carl F., Marietta, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Posting board for index cabinets. 1,913,319; June 6.
- Wolters, Carl F., Marietta, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Fire resistant cabinet or safe. 1,937,931; Dec. 5.
- Wolverine Tube Company. (See Paugh, Charles T., assignor.)
- Wolverton, Percy B., assignor to J. N. Larson, Chicago, Ill. Vacuum breaker. 1,923,349; Aug. 22.
- Wolvyn, Roy M., et al. (See Baldwin, George E., assignor.)
- Wonderland Furniture, Ltd. (See Hallward, Michael, assignor.)
- Wonnell, Kent W. (See Henkel, Adolph A., assignor.)
- Woo, Hanley T., Seattle, Wash. Rotary pump. 1,935,198; Nov. 14.
- Wooch, Herbert J. (See Thurman, W. B., and Wooch.)
- Wooch, Herbert J., Lodi, Calif., assignor to Super Mold Corporation, Reno, Nev. Adjusting a tire retreading mold to different sizes of tires. 1,907,026; May 2.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Adjustable rim. 1,913,739; June 13.
- Wooch, Herbert J., assignor to Super Mold Corporation, Lodi, Calif. Pressure bag for tire molds. 1,924,530; Aug. 29.
- Wooch, Herbert J., Lodi, and C. J. Peterson and J. S. Caulfield, Sacramento, Calif., assignors, by mesne assignments, to Super Mould Corporation, Reno, Nev. Tread pressing means for tire retreading molds. 1,914,474; June 20.
- Wooch, Herbert J., Lodi, and C. J. Peterson and J. S. Caulfield, Sacramento, Calif., assignors, by mesne assignments, to Super Mold Corporation, Reno, Nev. Method and apparatus for retreading tires. 1,928,404; Sept. 26.
- Wood, Albert E., Springfield, Mass. Apparatus for reinforcing doors. 1,923,961; Aug. 22.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole-cutting mechanism. 1,914,002; June 13.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-cutting mechanism for sewing machines. 1,920,944; Aug. 1.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-cutting mechanism for sewing machines. 1,938,128; Dec. 5.
- Wood, Andrew C. (See Bares, R., and Wood.)
- Wood, Andrew C., Chicago, Ill. Liquid elevating device. 1,910,512; May 23.
- Wood, Andrew C., Chicago, Ill. Liquid elevating device. 1,939,752; Dec. 19.
- Wood, Arthur R., assignor to Wood Brothers Co., Santa Cruz, Calif. Brooder. 1,929,088; Oct. 3.
- Wood, Basil B., Amherst, Mass. Pamphlet binder and constructing same. 1,913,969; June 13.
- Wood, Benjamin F., Ridley Park, assignor to American Chemical Paint Company, Ambler, Pa. Purifying phosphoric acid. 1,894,289; Jan. 17.
- Wood, Benjamin F., assignor of one-half to R. F. Kerkam, New York, N. Y. Drip preventing means. 1,925,913; Sept. 5.
- Wood, Bernard B., Christchurch, New Zealand. Treatment of fibrous plants for the recovery of the fibers thereof. 1,938,060; Dec. 5.
- Wood Brothers Co. (See Wood, Arthur R., assignor.)
- Wood, Charles D., sr., Lakewood, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Refractory material for use in metal casting. 1,923,769; Aug. 22.
- Wood, Clarence G., assignor to The Columbia Axle Company, Cleveland, Ohio. Fluid dampener for clutches. 1,914,841; June 20.
- Wood, Clarence G., Cleveland, Ohio. Screw actuated cone type brake. 1,932,998; Oct. 31.
- Wood, Clyde W., Stockton, Calif. Earth surface mixer. 1,916,548; July 4.
- Wood Conversion Company, The. (See Corlette, Dean H., assignor.)
- Wood Conversion Company. (See Foley, Arthur L., assignor.)
- Wood Conversion Company. (See Spafford, Allen L., assignor.)
- Wood, Corlan E., assignor to Blood Brothers Machine Co., Allegan, Mich. Universal joint. 1,913,045; June 6.
- Wood, Cyrus B., Takoma Park, D. C. Disinfectant of water. 1,894,969; Jan. 24.
- Wood, Cyrus B., Takoma Park, D. C. Bleaching compound. 1,903,525; Apr. 11.
- Wood, David W., Brazil, Ind. Keeper. 1,918,165; July 11.
- Wood, Dollye, Table Rock, Nebr. Quilting frame. 1,923,247; Aug. 22.
- Wood, Edmund F., and W. C. Osterbrock, Cincinnati, Ohio. Apparatus for feeding molten glass. 1,898,705; Feb. 21.
- Wood, Edward B., assignor of one-half to Fred W. Pope, Lakeland, Fla. Vegetable and orchard heater. 1,919,407; July 25.
- Wood, Edward C., Evanston, assignor to North American Car Corporation, Chicago, Ill. Refrigerating apparatus for railway cars. 1,917,865; July 11.
- Wood, Edward C., Highland Park, assignor to North American Car Corporation, Chicago, Ill. Refrigerator car. 1,917,866; July 11.
- Wood, Edward C., Highland Park, assignor to North American Car Corporation, Chicago, Ill. Temperature control apparatus. 1,921,178; Aug. 8.
- Wood, Edward L., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich. Low water indicator. 1,925,294; Sept. 5.
- Wood, Edward S., Cinnaminson Township, Burlington County, assignor to The Esterbrook Steel Pan Manufacturing Co., Camden, N. J. Fountain pen. 1,939,753; Dec. 19.
- Wood, Edwin C., East Orange, N. J. Bottle stopping liquid lifter and dispenser. 1,920,335; Aug. 1.
- Wood, Elizabeth O., et al, trustee. (See Wood, Henry A. W., assignor.)
- Wood, Elizabeth O., et al., trustees. (See Wood, Henry A. W., assignor.)
- Wood, Frank S., Quincy, Mass., assignor to Inkset Safety Paper Co. Making safety paper by one continuous operation. 1,939,378; Dec. 12.
- Wood, Fordham F., Sayre, Pa. One-unit ventilating system. 1,921,900; Aug. 8.
- Wood, Frank E. (See Berry, W. M., and Wood.)
- Wood, Frank E., Girard, Pa. Nut cracker. 1,922,515; Aug. 15.
- Wood, Frank J., Mount Lebanon, assignor to Mesta Machine Company, Pittsburgh, Pa. Rotary pickling machine. 1,894,141; Jan. 10.
- Wood, Frank S., Quincy, Mass. Safety paper. 1,900,967; Mar. 14.
- Wood, Frank T. (See Aitchison, P., Wood, and Wittnebel.)
- Wood, Frederic E., Hinsdale, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electromagnetic device. 1,923,350; Aug. 22.
- Wood, Frederick, Aston, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing for armature shafts of electric motors and dynamos. 1,895,142; Jan. 24.
- Wood, Frederick, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Lubricating and cooling roller bearings. 1,909,031; May 16.
- Wood, Frederick, Birmingham, England assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing housing. 1,927,511; Sept. 19.
- Wood, Garfield A., Algonac, Mich. Propeller construction. 1,894,478; Jan. 17.
- Wood, Garfield A., Algonac, Mich. Airplane control. 1,923,290; Aug. 22.
- Wood, Garfield A., Detroit, Mich. Marine reverse gear. 1,919,760; July 25.
- Wood, George R., Toronto, Ontario, Canada, assignor to International Business Machines Corporation, New York, N. Y. Printing ribbon. 1,902,007; Mar. 21.
- Wood, George R., Toronto, Ontario, Canada, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Micrometer. 1,939,030; Dec. 12.
- Wood, Harry, Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Telegraph system. 1,916,243; July 4.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 1,892,974; Jan. 8.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Forming mechanism for web presses. 1,893,816; Jan. 10.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Plate clamp for printing presses. 1,898,331; Feb. 21.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Inking mechanism for printing presses. 1,900,263; Mar. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing apparatus. 1,900,264; Mar. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Machine for casting stereotype printing plates. 1,900,265; Mar. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Fountain roll cleaner. 1,900,266; Mar. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Method of and apparatus for feeding paper to printing presses. 1,900,535; Mar. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Quick change splicing device. 1,909,443; May 16.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web change device. 1,912,506; June 6.

- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Conveyor. 1,920,615; Aug. 1.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Press unit drive. 1,920,616; Aug. 1.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Quick change splicing device. 1,924,583; Aug. 29.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Press unit drive. 1,924,584; Aug. 29.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Paper feeding device for printing presses. 1,924,585; Aug. 29.
- Wood, Henry A. W., New York, N. Y., assignor to E. O. Wood, J. C. Distler, and H. A. W. Wood, as trustees. Inclined elevator. 1,927,194; Sept. 19.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing plate clamp. 1,928,161; Sept. 26.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Tension roll. 1,929,087; Oct. 3.
- Wood, Henry A. W., New York, N. Y., assignor to E. O. Wood, J. C. Distler, and H. A. W. Wood, trustees. Control apparatus for elevators. 1,933,131; Oct. 31.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Accurately shaping printing plates and apparatus therefor. 1,933,885; Nov. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Automatic control for web replenishing mechanism. 1,933,886; Nov. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Late-news printing machine. 1,933,887; Nov. 7.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Folding roller support. 1,937,453; Nov. 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing plate lock-up. 1,937,454; Nov. 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Plate positioning device. 1,937,455; Nov. 28.
- Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Pin motion. 1,937,456; Nov. 28.
- Wood, Herbert H. (See Walker, G. T., and Wood.)
- Wood, Herman T. (See Brown, L. W., and Wood.)
- Wood Hydraulic Hoist & Body Company. (See Barrett, Edward R., assignor.)
- Wood Hydraulic Hoist & Body Company. (See Wood, Edward L., assignor.)
- Wood, J. R., & Sons, Inc. (See Hoppe, Arthur, assignor.)
- Wood, J. R., & Sons, Inc. (See Peterson, Victor E., assignor.)
- Wood, James. (See Green, Leslie P., assignor.)
- Wood, James, Noblesville, Ind. Protective entrance to a burglar-proof safe. 1,905,547; Apr. 25.
- Wood, John M., Carrollton, Ky. Boat. 1,901,545; Mar. 14.
- Wood, John, Manufacturing Company. (See Dougherty, Robert J., assignor.)
- Wood, John, Manufacturing Company. (See Paige, Arthur E., assignor.)
- Wood, John W., Jr., New York, N. Y. Airport construction. 1,903,847; Apr. 18.
- Wood, Joseph D., Bethlehem, Pa., assignor to Condit Electrical Manufacturing Corporation, South Boston, Mass. Electric switch and operating mechanism therefor. 1,930,962; Oct. 17.
- Wood, Joseph K., Mount Vernon, assignor to General Spring Corporation, New York, N. Y. Support. 1,937,135; Nov. 28.
- Wood, Louis A., and H. L. Sulman, London, England. Extraction of tin from ores. 1,931,944; Oct. 24.
- Wood-Mosaic Co. (See Birtles, Arthur B., assignor.)
- Wood, Myron W., Corpus Christi, Tex., assignor of one-half to C. E. Dunlap, Sioux City, Iowa. Heating stove. 1,926,473; Sept. 12.
- Wood Newspaper Machinery Corporation. (See Isbell, John A., assignor.)
- Wood Newspaper Machinery Corporation. (See Jordhoy, Hans C., assignor.)
- Wood Newspaper Machinery Corporation. (See Roesen, Oscar C., assignor.)
- Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
- Wood, R. D., & Company. (See Schranz, Charles A., assignor.)
- Wood, Remsen V., Rochester, N. Y. Method and apparatus for controlling projection of light by sound waves. 1,913,867; June 13.
- Wood, Richard V., Louisville, Ky. Device for stabilizing cards, files, etc., in filing drawers or boxes. 1,900,148; Mar. 7.
- Wood, Robert A., Chicago, Ill. Exercising bell. 1,917,566; July 11.
- Wood, Robert O. (See Brown, R. V., and Wood.)
- Wood, Robert O., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Preparing dye paste for printing and dyeing. 1,901,275; Mar. 14.
- Wood, Robert O., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of alkali metal aluminates. 1,929,619; Oct. 10.
- Wood, Robert T., Lakewood, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium base alloys. 1,914,588; June 20.
- Wood, Robert T., Lakewood, Ohio, assignor, by mesne assignments, to Magnesium Development Corporation. Magnesium base alloys. 1,914,589; June 20.
- Wood, Robert T., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,834; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,837; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,854; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,855; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,856; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,857; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,858; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,859; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,860; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,861; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,862; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,863; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,864; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,865; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,866; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,867; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,868; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,869; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,870; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,871; Oct. 31.
- Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,872; Oct. 31.
- Wood, Robert T., Cleveland, and O. H. Weil, Rocky River, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys. 1,932,836; Oct. 31.
- Wood, Rodney J., Dayton, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Filing system. 1,899,430; Feb. 28.
- Wood, Rodney J., Dayton, Ohio, assignor to Remington Rand Inc., Buffalo, N. Y. Card index system. 1,923,133; Aug. 22.
- Wood, Russell A., Cambridge, Mass. Pen holder ink font. 1,917,281; July 11.
- Wood, Samuel, West Allis, Wis. Atmospheric roll drier. 1,927,694; Sept. 19.
- Wood, Sydney M., Lake Bluff, Ill. Forming protective beaches. 1,928,473; Sept. 26.
- Wood, Thomas, West Bridgford, and G. H. Houghton, Mansfield, England. Rope and cable making machine. 1,911,782; May 30.
- Wood, Vera L., et al., trustee. (See Coppus, Frans H. C., assignor.)
- Wood, W. T., et al. (See Rush, Eugene, assignor.)
- Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Feeding mechanism for machine tools. 1,920,228; Aug. 1.
- Wood, Walter. (See Camerota, Louis A., assignor.)
- Wood, Walter. (See Schranz, Charles A., assignor.)
- Wood, Walter A. (See Bull, A. A., and Wood.)
- Wood, Walter A. (See Hughes, Edward P., assignor.)
- Wood, Walter A., and Herman G. Adler, assignors to Handy Governor Corporation, Detroit, Mich. Machine and method for making wound articles. 1,915,113; June 20.
- Wood, Walter C., Providence, R. I. Winch. 1,893,723; Jan. 10.
- Wood, Walter J. (See Kellett, I., Armitage, and Wood.)
- Wood, Wilfred R., London, England, assignor to International Combustion Engineering Corporation, New York, N. Y. Superheat control. 1,918,311; July 18.

- Wood, Wilfred R., London, England, assignor to International Combustion Engineering Corporation, New York, N. Y. High pressure boiler. 1,920,776; Aug. 1.
- Wood, Wilfred R., London, England, assignor to International Combustion Engineering Corporation, New York, N. Y. Method of an apparatus for disposing of fly ash. 1,936,741; Nov. 28.
- Wood, Willard A., Swissvale, and A. R. Machesney, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of railway car retarders. 1,898,802; Feb. 21.
- Wood, William C., Washington, D. C. Faucet packing washer. 1,928,276; Sept. 26.
- Wood, William H., South Euclid, O. C. Trautman, Parma, and W. E. Benninghoff, Lakewood, Ohio; said Trautman and Benninghoff assignors to said Wood. Heat treating wire. 1,937,420; Nov. 28.
- Wood, William R., Carthage, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal relay. 1,936,779; Nov. 28.
- Woodall-Duckham (1920) Limited. (See Duckham, Arthur M., assignor.)
- Woodall, Herbert J., and M. S. Randall, assignors to Woodall Industries Incorporated, Detroit, Mich. Automobile closed body construction. Re18,720; Jan. 24.
- Woodall, Herbert J., and M. S. Randall, Detroit, Mich., assignors to Woodall Industries Incorporated. Vehicle body construction. 1,914,003; June 13.
- Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
- Woodall Industries Incorporated. (See Scott, Allison F. H., assignor.)
- Woodall Industries Incorporated. (See Smith, Alfred J., assignor.)
- Woodall Industries Incorporated. (See Woodall, H. J., and Randall, assignors.)
- Woodall, Thomas, Chicago, Ill. Piano pedal extension. 1,918,510; July 18.
- Woodard, Marion H. (See Connery, A. F., and Woodward.)
- Woodard, William E., Forest Hills, N. Y. Locomotive driving and spring rigging construction. 1,932,432; Oct. 31.
- Woodberry, David L., Baltimore, Md., assignor to Secretary of War of the United States of America. Fuse for bombs. 1,893,663; Jan. 10.
- Woodberry, David L., Baltimore, Md., assignor to Secretary of War of the United States of America. Delay fuse for drop bombs. 1,898,073; Feb. 21.
- Woodberry, David L., Baltimore, Md., assignor to Secretary of War of the United States of America. Fuse for projectiles. 1,916,244; July 4.
- Woodberry, David L., Baltimore, Md., assignor to Secretary of War of the United States of America. Fuse. 1,916,245; July 4.
- Woodbridge, Joseph L. (See Kershaw, W. E., and Woodbridge.)
- Woodbridge, Joseph L., Philadelphia, Pa. Filling vent for storage battery cells. 1,938,989; Dec. 12.
- Woodburn, Harold G., Munball, Pa. Work stripper. 1,933,465; Oct. 31.
- Woodbury, Edward B. C. (See Lamberty, Conrad H. H., assignor.)
- Woodbury, Eugene, Lincoln Park, N. J. Electrical testing. 1,900,424; Mar. 7.
- Woodbury, John B. (See Soule, G. C., and Woodbury.)
- Woodcock, Joseph C., Cliffside, and P. J. Paffen, Jersey City, N. J., assignors to The Barrett Company, New York, N. Y. Indicator for distributing apparatus. 1,924,144; Aug. 29.
- Woodcock, Reginald B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,896,211; Feb. 7.
- Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,940,657; Dec. 19.
- Woodell, Charles E. (See Benner, R. C., Walker, and Woodell.)
- Woodell, Charles E., assignor to The Carborundum Company, Niagara Falls, N. Y. Boro-silicate bonded aluminous abrasive. 1,918,312; July 18.
- Woodeson, William A., assignor to Clarke Chapman & Company, Limited, Gateshead-on-Tyne, England. Removing dust such as from plant fired by pulverulent fuel. 1,901,791; Mar. 14.
- Woodfine, William, Verdun, near Montreal, Quebec, Canada. Margin regulators for typewriters. 1,916,905; July 4.
- Woodford, Joseph C. (See Lillmars, A. C., and Woodford.)
- Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 1,892,759; Jan. 3.
- Woodhouse, John C., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Gas purification. 1,912,877; June 6.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids. 1,924,762; Aug. 29.
- Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 1,940,987; Dec. 26.
- Woodier, Hugh D. (See Davis, F. S., and Woodier.)
- Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Splice bar. Re18,794; Apr. 11.
- Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Combined tie plate and rail anchor. 1,912,679; June 6.
- Woodings, Robert T., Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Rail anchor. 1,921,716; Aug. 8.
- Woodings-Verona Tool Works. (See Woodings, Emanuel, assignor.)
- Woodings-Verona Tool Works. (See Woodings, Robert T., assignor.)
- Woodington, John N., assignor to U. S. Slicing Machine Company, La Porte, Ind. Sharpener for slicing machines. 1,939,754; Dec. 19.
- Woodland, Cecil R., and J. H. Ellis, Liverpool, England, assignors to Associated Telephone and Telegraph Company. Automatic switch for use in telephone systems. 1,935,927; Nov. 21.
- Woodley, Minnie, Dallas, Tex. Adjustable book support and reading stand. 1,923,351; Aug. 22.
- Woodman, Francis N. (See Robertson, P., and Woodman.)
- Woodman, Francis N., Clinton, Mass. Link conveyer belt. 1,907,636; May 9.
- Woodman, Francis N., Clinton, Mass. Flat link conveyer belt of unit construction. 1,907,637; May 9.
- Woodman, Joseph C., Flushing, N. Y., assignor to Decarie Incinerator Corporation. Incinerator. 1,905,120; Apr. 25.
- Woodruff, Burton Z., Niagara Falls, Ontario, Canada. Automobile window screen. 1,914,228; June 13.
- Woodruff, Carl, San Francisco, Calif. Elevator door. 1,917,415; July 11.
- Woodruff, Carlton H., assignor to Auburn Button Works, Inc., Auburn, N. Y. Manufacturing molded mottled articles. 1,920,120; July 25.
- Woodruff, Frank O., Newton, assignor to H. H. Beckwith, Brookline, Mass. Manufacture of shoe stiffener material. 1,893,923; Jan. 10.
- Woodruff, Frank O., Newton, assignor to H. H. Woodruff, Brookline, Mass. Manufacture of shoe stiffener material. 1,893,924; Jan. 10.
- Woodruff, Frank O., Quincy, assignor to H. H. Beckwith, Brookline, Mass. Rubber compound and making the same. 1,929,544; Oct. 10.
- Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Bottom lift container. 1,918,007; July 11.
- Woodruff, Graham C., assignor to The L. C. L. Corporation, Bronxville, N. Y. Freight car container. 1,923,604; Aug. 22.
- Woodruff, Henry S., Schenectady, N. Y., assignor to General Electric Company. Refrigerator cabinet. 1,902,479; Mar. 21.
- Woodruff, Joseph W. (See Groenig, A., and Woodruff.)
- Woodruff, Leonidas D., assignor to Harris Trust & Savings Bank, trustee, Chicago, Ill. Gasket holding means. 1,899,785; Feb. 28.
- Woodruff, Leonidas D., assignor to Harris Trust & Savings Bank, trustee, Chicago, Ill. Train pipe connector and metallic hose therefor. 1,934,960; Nov. 14.
- Woodruff, Leonidas D., assignor to Harris Trust & Savings Bank, trustee, Chicago, Ill. Train pipe connector. 1,934,961; Nov. 14.
- Woods, Carl F., et al. (See Sleeper, Myron O., assignor.)
- Woods, Charles L., Alton, I. Boat. 1,902,006; Mar. 21.
- Woods, Clinton E., deceased, Philadelphia; J. E. Woods, administratrix, assignor to J. E. Woods, individually. Yeadon, Pa. Floor finishing machine. 1,927,225; Sept. 19.
- Woods, Clinton E., deceased, Philadelphia; J. E. Woods, administratrix, assignor to J. E. Woods, individually. Yeadon, Pa. Floor finishing machine. 1,927,226; Sept. 19.
- Woods, Clinton E., deceased, Philadelphia; J. E. Woods, administratrix, assignor to J. E. Woods, individually. Yeadon, Pa. Surface waxing machine. 1,927,227; Sept. 19.
- Woods, Clyde, et al. (See Edwards, James E., assignor.)
- Woods, F. Laurene, (Mrs.) (See Shaffer, Charles H., assignor.)
- Woods, Fred D. (See Deli, F. C., and Woods.)
- Woods, Gorham W., assignor to Hughes Tool Company, Houston, Tex. Cement well strainer. 1,896,212; Feb. 7.
- Woods, Gorham W., assignor to Hughes Tool Company, Houston, Tex. Well strainer. 1,918,949; July 18.
- Woods, Gorham W., assignor to Hughes Tool Company, Houston, Tex. Device for manufacturing tungsten carbide. 1,932,499; Oct. 31.
- Woods, Henry B., assignor to Hughes Tool Company, Houston, Tex. Covered welding rod. 1,905,081; Apr. 25.
- Woods, Henry B., assignor to Hughes Tool Company, Houston, Tex. Flow control for plunger lift devices. 1,932,500; Oct. 31.
- Woods, Hugh J., Jackson Heights, N. Y. Shower bath curtain. 1,898,233; Feb. 21.
- Woods, James H., San Fernando, Calif. Portable picnic cabinet. 1,924,430; Aug. 29.
- Woods, Julia E., administratrix. (See Woods, Clinton E., assignor.)
- Woods, Leonard, St. Louis, Mo. Calf-ankle sock supporter. 1,908,721; May 16.

- Woods, Paul B., J. Ogilvie, and F. H. Kranz, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Making dihydroxyfluoranes. 1,931,049; Oct. 17.
- Wood's, T. B., Sons Company. (See Homer, John W., assignor.)
- Woods, William J., Schenectady, N. Y., assignor to General Electric Company. Hydraulic operator. 1,901,620; Mar. 14.
- Woods, William J., Schenectady, N. Y., assignor to General Electric Company. Hydraulic operator. 1,902,480; Mar. 21.
- Woods, William J., Schenectady, N. Y., assignor to General Electric Company. Impeller. 1,919,970; July 25.
- Woods, William J., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for drawing glass. 1,920,336; Aug. 1.
- Woodside, Arthur M., Port Arthur, Ontario, Canada. Automatic grain sampler. 1,899,126; Feb. 28.
- Woodside, Elmer L., U. S. Navy. Navigational instrument. 1,917,282; July 11.
- Woodstock Typewriter Company. (See Hokanson, Otto A., assignor.)
- Woodstock Typewriter Company. (See Hokanson, O. A., and Koca, assignors.)
- Woodstock Typewriter Company. (See Koca, James F., assignor.)
- Woodstock Typewriter Company. (See Rundblad, George J., assignor.)
- Woodstock Typewriter Company. (See Youngberg, Conrad D., assignor.)
- Woodstock, Willard H., Chicago Heights, assignor to Victor Chemical Works. Phosphorus amide-aldehyde resin and preparing the same. 1,940,383; Dec. 19.
- Woodward, Alva W., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 1,894,251; Jan. 10.
- Woodward, Alva W., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle wheel mounting. 1,913,351; June 6.
- Woodward, Alva W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Manufacture of rim sections. 1,934,650; Nov. 7.
- Woodward, Alva W., Akron, Ohio, assignor, by mesne assignments, to Wingfoot Corporation, Wilmington, Del. Manufacture of vehicle rims. 1,938,614; Dec. 12.
- Woodward, Alva W., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rim. 1,938,615; Dec. 12.
- Woodward, Alva W. and J. G. Swain, assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Rim lock. 1,918,511; July 18.
- Woodward, Arthur H., Winnetka, and W. E. Richmond, Wilmette, assignors to International Register Company, Chicago, Ill. Check writer. 1,909,141; May 16.
- Woodward, Benjamin W., Brooklyn, assignor to W. Howe, New York, N. Y. Multiple scanning device. 1,938,990; Dec. 12.
- Woodward, Donald E., assignor to The Raymond Bag Company, Middletown, Ohio. Paper bag. 1,929,229; Oct. 3.
- Woodward, Elizabeth, Chicago, Ill. Coffeepot. 1,932,125; Oct. 24.
- Woodward, Harold E. (See Jordan, H., and Woodward.)
- Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs and their production. 1,914,549; June 20.
- Woodward, Harry P. (See Gilmer, Charles J., assignor.)
- Woodward, Henry T., Berkeley, Calif., assignor to Burnham Chemical Company, Reno, Nev. Recovering glaserite. 1,923,407; Aug. 22.
- Woodward, Herbert S., assignor to Phelps Dodge Corporation, Morenci, Ariz. Electrode cleaning process. 1,893,817; Jan. 10.
- Woodward, James S., Schenectady, N. Y., assignor to General Electric Company. Instrument for transmitting angular movement. 1,937,375; Nov. 28.
- Woodward, Lewis E., assignor to The J. C. Hall Co., Providence, R. I. Book. 1,913,320; June 6.
- Woodward, Marion H. (See Clokey, A. A., and Woodward.)
- Woodward, Marion H., East Orange, assignor to International Communications Laboratories, Inc., Newark, N. J. Cable code signaling system. 1,921,796; Aug. 8.
- Woodward, Marion H., Brooklyn, N. Y., assignor to International Communications Laboratories, Inc., Newark, N. J. Telegraph system. 1,940,896; Dec. 26.
- Woodward, Marion H., and A. F. Connery, Brooklyn, assignors to International Communications, Inc., New York, N. Y. Phonic wheel starter. 1,937,739; Dec. 5.
- Woodward, Richard C. (See McEvoy, J. H., Johnson, and Woodward.)
- Woodward, Thompson E., College Park, Md. Calculator. 1,922,465; Aug. 15.
- Woodward, William R. S., Brooklyn, N. Y. Ice cream cone. Des. 91,050; Nov. 14.
- Woodworth, Chauncey C. (See Aurili, Albert, assignor.)
- Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Time selector mechanism. 1,941,377; Dec. 26.
- Woodworth, Selim E. (See Hamilton, E. M., and Woodworth.)
- Woodworth, Selim E., assignor to Hamilton, Beauchamp & Woodworth, San Francisco, Calif. Valve for rotary filters. 1,917,818; July 11.
- Woodworth, Walter D. (See Martin, T. C., and Woodworth.)
- Woody, George A., Tilden, Tex., and R. C. Coupland, Norfolk, Va. Operating mechanism for machine guns. 1,897,099; Feb. 14.
- Woody, McIver. (See Woody, Regina J. and McI.)
- Woody, Regina J. and McI., Elizabeth, N. J. Antiseptic absorbent and manufacture of the same. 1,935,170; Nov. 14.
- Woffter, Herbert A., assignor to Swift Electric Welder Company, Detroit, Mich. Electric welding apparatus. 1,915,639; June 27.
- Woolcock, James W., Norton-on-Tees, assignor to Imperial Chemical Industries Limited, London, England. Compounds form propylene. 1,938,162; Dec. 5.
- Wooler, Ernest, assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing for rocker arms and the like. 1,927,534; Sept. 19.
- Woolery, Horace E., assignor to Woolery Machine Company, Minneapolis, Minn. Weed burning apparatus. 1,925,164; Sept. 5.
- Woolery Machine Company. (See Woolery, Horace E., assignor.)
- Woolf, William L., and L. B. Cornwell, New York, N. Y. Acoustic device. 1,918,164; July 11.
- Woolfolk, Arthur P., Pittsburgh, Pa., assignor to Standard Sanitary Manufacturing Company. Sink for kitchen cabinets. 1,918,074; July 11.
- Woolfolk, Arthur R. (See Lewis, W. T., and Woolfolk.)
- Woolhouse, George H., Tacoma, assignor of one-half to J. I. Bowers, Seattle, Wash. Dry kiln. 1,919,646; July 25.
- Woolf, John H., San Francisco, Calif. Refrigerator box and system of refrigeration. 1,897,095; Feb. 14.
- Woolen, Albert E., Bakersfield, assignor to Standard Oil Company of California, San Francisco, Calif. Torque control drill feed. 1,935,105; Nov. 14.
- Woolley, Bruce D., Johnstown, Ohio. Tire chain. 1,906,034; Apr. 25.
- Woolley, Harold O. (See Frisch, M., and Woolley.)
- Woolley, William P., Jackson, Miss. Suspension spring device. 1,922,339; Aug. 15.
- Woolman, Nelson E., Hermosa Beach, Calif., assignor to General Motors Research Corporation. Valve mechanism. 1,903,078; Mar. 28.
- Woolman, Nelson E., Hermosa, Calif., assignor to General Motors Research Corporation. Rocker arm mechanism. 1,937,932; Dec. 5.
- Woolsey, Claude, Washington, D. C., assignor to American Cyanamid Company, New York, N. Y. Hand fertilizer distributor. 1,894,364; Jan. 17.
- Woolson, Emma F., executrix. (See Woolson, Lionel M.)
- Woolson, Harry T., Detroit, assignor to Chrysler Corporation. Highland Park, Mich. Transmission. 1,918,166; July 11.
- Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Transmission case construction. 1,918,167; July 11.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,896,387; Feb. 7.
- Woolson, Lionel M., deceased, Detroit, Mich.; Emma F. Woolson, executrix. Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,899,431; Feb. 28.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,900,968; Mar. 14.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,079; Mar. 28.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,080; Mar. 28.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,411; Apr. 4.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix. Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,412; Apr. 4.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix. Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,903,413; Apr. 4.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,907,696; May 9.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,909,032; May 16.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,910,375; May 23.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix. Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,912,507; June 6.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,916,292; July 4.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,918,075; July 11.

- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,918,076; July 11.
- Woolson, Lionel M., deceased, Detroit, by Emma F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,919,286; July 25.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,928,774; Oct. 3.
- Woolson, Lionel M., deceased, Detroit, Mich., by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,928,775; Oct. 3.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,931,215; Oct. 17.
- Woolson, Lionel M., deceased, Detroit, by Emma F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,932,331; Oct. 24.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,292; Oct. 31.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,293; Oct. 31.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 1,933,612; Nov. 7.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,933,613; Nov. 7.
- Woolson, Lionel M., deceased, Detroit, by Emma F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Fuel injection mechanism. 1,934,580; Nov. 7.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,935,171; Nov. 14.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Propeller. 1,936,702; Nov. 28.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,937,740; Dec. 5.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,270; Dec. 5.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,271; Dec. 5.
- Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,272; Dec. 5.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,273; Dec. 5.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,274; Dec. 5.
- Woolson, Lionel M., deceased, Detroit, by E. F. Woolson, executrix, Bloomfield Village, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 1,938,275; Dec. 5.
- Woolson, William H., and C. B. Ambrose; said Ambrose assignor to Bulls Eye Road Marker Company, Washington, D. C. Road marker. 1,903,748; Apr. 11.
- Wooster, John B. (See Wooster, Philip A. and J. B.)
- Wooster, Philip A., San Francisco, Calif. Soap dispenser. Des. 89,583; Apr. 4.
- Wooster, Philip A., San Francisco, Calif. Dispensing device. 1,904,756; Apr. 18.
- Wooster, Philip A., San Francisco, Calif. Marking machine. 1,920,337; Aug. 1.
- Wooster, Philip A. and J. B., San Francisco, Calif. Indicating means. 1,935,970; Nov. 21.
- Wooster Products Inc. (See Connelly, D. S., and Hahn, assignors.)
- Wooster Products Inc. (See Loehr, C. E., MacNab, and Chamberlin, assignors.)
- Wooten, Arthur L., Little Rock, Ark. Apparatus for delinting and softening cotton seed. 1,922,118; Aug. 15.
- Wooten, Wesley M. (See Geer, Paul L., assignor.)
- Wooten, John F. (See Winston, J. R., Wright, and Wooten.)
- Wootton, Thomas W. (See Malcolm, J. A., and Wootton.)
- Worcester Loom Works. (See Alvord, Clinton, assignor.)
- Worden-Allen Company. (See Krueger, Eugene W., assignor.)
- Worden, Edward C., 1st., Millburn, N. J., assignor to Hanson & Orth, New York, N. Y. Manufacture of purified cellulose material from hemp fibers. 1,899,223; Feb. 28.
- Worden, Ralph C., Buffalo, N. Y. Tiled wall or the like. 1,932,433; Oct. 31.
- Work, Edgar A., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Choke plug. 1,919,408; July 25.
- Workman, Ross A., Tulsa, Okla. Sheet metal roof. 1,914,876; June 20.
- Workman, Thomas D., Geneseo, Kans. Road grading machine. 1,898,931; Feb. 7.
- World Bestos Corporation. (See Brockway, Carl P., assignor.)
- World Bestos Corporation. (See Brockway, C. P., and Nanfeldt, assignors.)
- World Bestos Corporation. (See Hanfeldt, William, assignor.)
- Worley, Ernest W., Edgerton, Kans. Flash light. 1,923,962; Aug. 22.
- Worley, George I., assignor to The McNeil Boiler Company, Akron, Ohio. Tractor attachment for trucks. 1,895,241; Jan. 24.
- Wormley, James C., New York, N. Y. Sterilizing process. 1,902,390; Mar. 21.
- Wörner, Heinrich, Bischofsheim, assignor to Fichtel & Sachs A. G., Schweinfurt-on-the-Main, and Mecano G. m. b. H., Frankfurt-on-the-Main, Germany. Clutch. 1,928,084; Sept. 26.
- Worrall, Arthur G., assignor to L. J. Kolb, Philadelphia, Pa. Making laminated glass. 1,901,574; Mar. 14.
- Worrall, Arthur G., assignor to L. J. Kolb, Philadelphia, Pa., trading as Safetite Glass Company. Making laminated glass. 1,909,444; May 16.
- Worrall, Arthur G., assignor to L. J. Kolb, Philadelphia, Pa. Making laminated glass. 1,914,392; June 20.
- Worrall, Robert H., Washington, D. C. Piezo-electric crystal apparatus. 1,899,127; Feb. 28.
- Worrall, Robert H., Washington, D. C. Traffic signal. 1,940,831; Dec. 26.
- Worrall, Roy R., Webster Groves, assignor to Alvey Manufacturing Company, St. Louis, Mo. Conveyor system. 1,917,004; July 4.
- Worrall, Roy R., Webster Groves, assignor to Alvey Conveyor Manufacturing Co., St. Louis, Mo. Conveyor system. 1,937,303; Nov. 28.
- Worrall, Roy R., Webster Groves, assignor to Alvey Conveyor Manufacturing Co., St. Louis, Mo. Conveyor chain and sprocket wheel therefor. 1,937,304; Nov. 28.
- Worrell, Arthur W., St. Joseph, Mo. Coffee dispenser. 1,939,939; Dec. 19.
- Worrell, Churchill F. (See Ager, Gypsy L., assignor.)
- Worrell, Dwight E. (See Arras, G., and Worrell.)
- Worrell, Robert C., Chester, Pa. Combination air diffuser and damper. 1,918,008; July 11.
- Worssam, George S., assignor of one-half to Saville Perfumery Limited, Watford, England. Box of slide-and-shell type. 1,895,061; Jan. 24.
- Worth Company, The. (See Butterworth, Samuel D., assignor.)
- Worth, Daniel B., Rochelle, Ill. Railway locomotive. Des. 89,666; Apr. 18.
- Worth, Daniel B., Rochelle, Ill. Locomotive underframe. 1,915,813; Jun. 27.
- Worth, George E., assignor to The Worth Milling Company, Inc., Middletown, Conn. Floor sweeping composition. 1,916,163; June 27.
- Worth, James L., Canyon City, Oreg. Wrench. 1,929,133; Oct. 3.
- Worth Milling Company, The. (See Worth, George E., assignor.)
- Wortham, Richard L., Wilmington, N. C. Ventilating system and apparatus. 1,938,884; Dec. 12.
- Worthington Ball Company, The. (See Reichard, Willis E., assignor.)
- Worthington Ball Company, The. (See Townsend, Joseph F., assignor.)
- Worthington Ball Company, The. (See Worthington, George C., assignor.)
- Worthington, Charles C., Dunfield, N. J. Gang lawn mower. 1,902,928; Mar. 28.
- Worthington, Charles C., Dunfield, N. J. Lock washer. 1,914,590; June 20.
- Worthington, Everett, Chicago, Ill., assignor to The Coca-Cola Company, Atlanta, Ga. Beverage dispensing device. Des. 90,744; Sept. 19.
- Worthington, Everett, Chicago, Ill., assignor to The Richardson Company, Lockland, Ohio. Compartment plate or similar article. Des. 88,946; Jan. 3.
- Worthington, George C., assignor to The Worthington Ball Company, Elyria, Ohio. Making playing balls. 1,915,587; June 27.
- Worthington Pump and Machinery Corporation. (See Frick, E. H., and Eekel, assignors.)
- Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
- Worthington Pump and Machinery Corporation. (See Le Cain, John A., assignor.)
- Worthington Pump and Machinery Corporation. (See McBride, Thomas C., assignor.)
- Worthington Pump and Machinery Corporation. (See Oechle, Joseph S., assignor.)
- Worthington Pump and Machinery Corporation. (See Perkins, Walter F., assignor.)
- Worthington Pump and Machinery Corporation. (See Perkins, W. F., and Trager, assignors.)
- Worthington Pump and Machinery Corporation. (See Riesner, Michael, assignor.)
- Worthington Pump and Machinery Corporation. (See Saharoff, Alexander V.)
- Worthington, Warren, Pittsburgh, Pa. Bar mill. 1,900,032; Mar. 7.

- Worthington, Wayne H., assignor, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Tilting support for combine harvesting unit. 1,910,272; May 23.
- Worthington, Wayne H., Battle Creek, Mich., and L. G. Dueber, Mt. Washington, Mo., assignors, by mesne assignments, to Gleaner Harvester Corporation, Independence, Mo. Intermittent control device. 1,918,580; July 18.
- Wotherspoon, Henry H., Lawrence, Mass., assignor to Mathias Klein & Sons, Chicago, Ill. Lineman's belt. 1,903,081; Mar. 28.
- Wotnoske, Fred C., assignor to Metal Forms Corporation, Milwaukee, Wis. Clamp for concrete forms. 1,925,221; Sept. 5.
- Wotnoske, Fred C., assignor to Metal Forms Corporation, Milwaukee, Wis. Clamping device for metal forms. 1,931,834; Oct. 24.
- Woytych, Raymond M. (See Gallimore, K. F., and Woytych.)
- Woytych, Raymond M., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Tailstock clamping mechanism. 1,926,358; Sept. 12.
- Woytych, Raymond M., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Milling head attachment. 1,933,575; Nov. 7.
- Wozar, Frank, New York, N. Y. Adjustable brush holder. 1,917,747; July 11.
- Wozasek, Oscar J. (See Guthrie, R. G., and Wozasek.)
- Woznack, Michael J., San Francisco, assignor of one-half to Ed Rawson, Oroville, Calif. Drill puller. 1,915,345; June 27.
- Wray, Edwin P., White Salmon, Wash. Apple. Pl. Pt. 61; Apr. 18.
- Wray, Henry, Pawtucket, R. I., assignor to J. & P. Coats (Rhode Island) Incorporated. Stop motion for a doubling and twisting machine. 1,929,763; Oct. 10.
- Wray, Omer. (See Wagner, Henry H. and C. L. assignors.)
- Wray, William E. (See Walker, E. P., Wray, and Walker.)
- Wrench, Arthur E., Woodside, N. Y., assignor to Warren Telechron Company. Clock case. Des. 90,749; Sept. 26.
- Wrench, Arthur E., Woodside, N. Y., assignor to Warren Telechron Company. Clock case. Des. 90,791; Sept. 26.
- Wrench, Arthur E., Woodside, N. Y., assignor to Warren Telechron Company. Clock case. Des. 90,792; Sept. 26.
- Wrench, Arthur E., Woodside, N. Y., assignor to Warren Telechron Company. Clock case. Des. 90,793; Sept. 26.
- Wrenn, John O., Chicago, Ill. Water supply system. 1,908,207; May 9.
- Wrenn, Vincent S. (See Nitardy, F. W., Enright, and Wrenn.)
- Wrenshall, Richard, Honolulu, Territory of Hawaii. Sulphonated derivatives of acylated aromatic amino compounds. 1,926,506; Sept. 12.
- Wright Aeronautical Corporation. (See Bleeker, Maitland B., assignor.)
- Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
- Wright, Alan, Kingston-upon-Thames, and H. J. Osborn, Danbury, England. Reduction or the elimination of the deposit of scale on heating elements of water heaters. 1,926,252; Sept. 12.
- Wright, Albert F. J., Walthamstow, England. Sound recording and reproducing device. 1,939,940; Dec. 19.
- Wright, Archibald F., South Orange, N. J. Humidifying system. 1,916,455; July 4.
- Wright, Arthur. (See Ralsch, W., and Wright.)
- Wright, Arthur C., Chicago, Ill. Periodic switch. 1,920,229; Aug. 1.
- Wright, Arthur H. J., Rochester, assignor to The Vulcan Asbestos Cement Company, Limited, London, England. Panel and sheet for building and other constructional purposes. 1,908,395; May 9.
- Wright, Aubern E., Nappanee, Ind. Rod connector. 1,922,564; Aug. 15.
- Wright-Austin Company. (See MacLean, John A., assignor.)
- Wright, Carl J., West New Brighton, Staten Island, assignor to Combustion Utilities Corporation, New York, N. Y. Carbonization apparatus. 1,931,972; Oct. 24.
- Wright, Charles, jr., et al., executors. (See Bundy, Harry W.)
- Wright, Clair G., Kansas City, Mo. Garment. 1,897,096; Feb. 14.
- Wright, Clarence A., Elizabeth, N. J., assignor to Standard-L. G. Company. Obtaining valuable products from coal and other carbonaceous materials and improved apparatus for such a process. 1,934,023; Nov. 7.
- Wright, Daniel K., Paterson, N. J., assignor to General Electric Company. Apparatus for basing incandescent lamps and similar articles. 1,911,046; May 23.
- Wright-Decoster, Inc. (See DuPuy, Richard R., assignor.)
- Wright, E. A., Palo Alto, Calif., assignor, by mesne assignments, to Ternstedt Manufacturing Company, Detroit, Mich. Vehicle body. Re18,866; June 13.
- Wright, Earl D., Chicago, Ill. Looping floor device. 1,935,757; Nov. 21.
- Wright, Esmond P. G., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Automatic or semiautomatic telephone exchange system. 1,900,969; Mar. 14.
- Wright, Esmond P. G., Croydon, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone exchange system. 1,901,940; Mar. 21.
- Wright, Esmond P. G., and G. C. Hartley, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Automatic or semiautomatic telephone exchange system. 1,903,019; Mar. 28.
- Wright, Francis S., Earlswood Lakes, assignor to Wrights' Ropes Limited, Birmingham, England. Cover, envelope or container for balls or cops of twine and the like. 1,915,843; June 27.
- Wright, Frank, Filey, England. Washing machine. 1,916,029; June 27.
- Wright, Fred R. (See Conkie, Waldo J., assignor.)
- Wright, Frederick H., London, and E. W. Lewis, Leiston, England, assignors to The Century Machine Company, Cincinnati, Ohio. Safety locking device. 1,915,175; June 20.
- Wright, George M., Burford, Great Haddow, and N. M. Rust, Chelmsford, England, assignors to Radio Corporation of America. Coupling device. 1,925,512; Sept. 5.
- Wright, George M., Chesterfield, and S. B. Smith, Chelmsford, England, assignors to Radio Corporation of America. Thermionic generator and amplifier of high frequency oscillations. 1,940,986; Dec. 26.
- Wright, Harold A., Newtonville, assignor to Multisort Company, Boston, Mass. Sorting and classifying mechanism. 1,931,785; Oct. 24.
- Wright, Harry S., Reading, Mass. Pipe-trap cover. 1,904,840; Apr. 18.
- Wright, Henry H., Snyder, assignor to Du Pont Cellophane Company, Inc., New York, N. Y. Tube. 1,937,538; Dec. 5.
- Wright, Jack W. (See Stover, C. M., and Wright.)
- Wright, James R. (See Ralston, A. W., and Wright.)
- Wright, Jesse C., Los Angeles, assignor to Globe Oil Tools Co., Los Nietos, Calif. Reamer. 1,909,994; May 23.
- Wright, Jesse C., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well drilling tool. 1,938,412; Dec. 5.
- Wright, John L., Michigan City, Ind. Building block. 1,894,605; Jan. 17.
- Wright, Joseph. (See Goodyear, E. F., Wright, and Trevasakis.)
- Wright, Joseph. (See Goodyear, E. F., and Wright.)
- Wright, Joseph T., Cincinnati, assignor, by mesne assignments, to The Harris-Seybold-Potter Company, Cleveland, Ohio. Paper cutting machine. 1,906,875; May 2.
- Wright Kay and Company. (See Bridler, Walter L., assignor.)
- Wright, Leonard K., Jackson Heights, assignor to Freezord Syndicate, New York, N. Y. Refrigeration apparatus. 1,904,024; Apr. 18.
- Wright, Leonard K., Jackson Heights, N. Y. Apparatus for preparing glaucosil. 1,914,877; June 20.
- Wright, Leonard K., Jackson Heights, N. Y. Circuit breaker and changer. 1,916,942; July 4.
- Wright, Leonard K., Jackson Heights, N. Y., assignor of one-third to H. H. Semmes, R. J. Norton, and S. W. Keegin, Washington, D. C., and one-third to N. Di Marco, Corona, Long Island, N. Y. Propelling mechanism. 1,939,156; Dec. 12.
- Wright Machine Company. (See Wright, William C., assignor.)
- Wright, Marcus G., assignor to The National Equipment Company, Inc., Denver, Colo. Electrically operated wall bed. 1,915,507; June 27.
- Wright, Mary D., executrix. (See Kahrs, Henry, assignor.)
- Wright, Olive P., executrix. (See Wright, P. and D.)
- Wright, Paul D., deceased, by Olive P. Wright, executrix, Edgewood, Pa. Shuffle feeder. 1,915,710; June 27.
- Wright, Percy C., Pittsburg, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Froth-flotation concentration of ores. 1,902,317; Mar. 21.
- Wright, R. G., & Co. (See Maringer, Lawrence J., assignor.)
- Wright, R. G. & Company. (See Maringer, L. J., assignor.)
- Wright, Robert C. (See Winston, J. R., Wright, and Wooten.)
- Wright, Robert L., Tulsa, Okla. Meter. 1,928,147; Sept. 26.
- Wright, Russel, New York, N. Y. Aquarium. Des. 90,041; May 30.
- Wright, Samuel M., Schenectady, N. Y. Collapsible holder. 1,912,054; May 30.
- Wright, Sumner B. (See Taylor, E. R., and Wright.)
- Wright, Sumner B., South Orange, and D. Mitchell, Martinsville, N. J., assignors to American Telephone and Telegraph Company. Two-way telephone system. 1,903,888; Apr. 18.
- Wright, Sumner B., South Orange, N. J., and E. R. Taylor, New York, N. Y., assignors to American Telephone and Telegraph Company. Volume controls in telephone circuits. 1,927,999; Sept. 26.
- Wright, Theodore P., Port Washington, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Airplane. 1,896,270; Feb. 7.
- Wright, Theodore P., Port Washington, and R. R. Osborn, Garden City, N. Y., assignors to Curtiss Aeroplane & Motor Company, Inc. Landing gear for aircraft. 1,917,078; July 4.

- Wright, Thomas G., Tarentum, Pa., assignor to Duplate Corporation. Process and apparatus for applying edge sealing material to laminated glass. 1,916,748; July 4.
- Wright, Walter J., assignor to The Western Union Telegraph Company, New York, N. Y. Drag conveyor discharge deflector. 1,941,123; Dec. 26.
- Wright, Walter L., Santa Monica, assignor to Synchro Corporation, Los Angeles County, Calif. Film handling mechanism. 1,897,097; Feb. 14.
- Wright, Walter L., Santa Monica, assignor to Synchro Corporation, Los Angeles County, Calif. Motion picture projector. 1,897,098; Feb. 14.
- Wright, Walter L., Santa Monica, assignor to Synchro Corporation, Los Angeles County, Calif. Optical system for motion-picture photography. 1,930,498; Oct. 17.
- Wright, Walter L., Santa Monica, assignor to Synchro Corporation, Los Angeles County, Calif. Optical system for projectors. 1,938,950; Dec. 12.
- Wright, Wilbur L., assignor to Oswego Falls Corporation, Fulton, N. Y. Paper bottle and other containers. 1,898,112; Feb. 21.
- Wright, Wilbur L., assignor to Oswego Falls Corporation, Fulton, N. Y. Paper and other fibrous sheet material hood cap. 1,933,466; Oct. 31.
- Wright, Wilbur L., and L. D. Pierce, assignors to Oswego Falls Corporation, Fulton, N. Y. Hood capping container. 1,905,615; Apr. 25.
- Wright, William. (See Frisbie, R. H., and Wright.)
- Wright, William C., assignor to Wright Machine Company, Granite Falls, N. C. Stop motion for braiding or twisting machines. 1,926,963; Sept. 12.
- Wright, William D., London, England, assignor to Westinghouse Electric & Manufacturing Company. Motion picture apparatus. 1,932,029; Oct. 24.
- Wright, William E., Wellesley, Mass., assignor of one-half to M. E. Silberger, York, Pa. Automobile headlight control. 1,930,497; Oct. 17.
- Wrights' Ropes Limited. (See Wright, Francis S., assignor.)
- Wrigley, Henry L., Chicago, Ill., assignor to Universal Draft Gear Attachment Co. Hand brake for railway cars. 1,938,885; Dec. 12.
- Wrigley, John R., Norwalk, assignor to White and Wells Company, Waterbury, Conn. Holder for transparent pie covers. 1,902,206; Mar. 21.
- Wrigley, Wm., Jr. Company. (See Johnson, Arthur E., assignor.)
- Wrigley, Wm., Jr. Company. (See Webster, Henry L., assignor.)
- Wrisley, Allen B., Company. (See Oleson, Wrisley B., assignor.)
- Writer, Victor P., New York, N. Y. Making hats. 1,924,531; Aug. 29.
- Writer, Victor P., New York, N. Y. Machine and method for making hats. 1,935,282; Nov. 14.
- Wronski, Michael R., Milwaukee, Wis. Ash receiver for smokers. 1,931,015; Oct. 17.
- Wroten, John F., Baltimore, Md. Manufacturing yeast. 1,917,283; July 11.
- Wruble, Milton, Detroit, Mich. Coating for tablets, capsules, and pills. 1,907,203; May 2.
- Wry, Thomas A., Lynn, Mass., assignor to General Electric Company. Forming cores for dynamo-electric machines. 1,919,995; July 25.
- Wubco Battery Corporation. (See Rupp, John L., assignor.)
- Wuebben, Matthew E., and R. Schroeder, Wynot, Nebr. Automobile jack. 1,937,457; Nov. 28.
- Wuebling, Harry B., Cincinnati, Ohio. Flush panel construction. 1,905,082; Apr. 25.
- Wuelker, William E., San Francisco, Calif. Adjustable lamp house. 1,934,902; Nov. 14.
- Wuenker, Ralph F., Milford, Ohio. Iron stand. 1,927,431; Sept. 19.
- Wuenssch, Charles E., assignor to Mineral's Beneficiation Incorporated, Joplin, Mo. Apparatus for classifying materials. 1,895,504; Jan. 31.
- Wuenssch, Charles E., assignor to Mineral's Beneficiation Incorporated, Joplin, Mo. Classifying materials. 1,895,505; Jan. 31.
- Wuenssch, Charles E., Joplin, Mo., assignor to Minerals Beneficiation Incorporated. Grinding mill. 1,905,545; Apr. 25.
- Wuerfel, Robert P., Ann Arbor, Mich. Radio circuit. 1,900,629; Mar. 7.
- Wuerfel, William, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Abrading machine and grinding. 1,906,731; May 2.
- Wuerfel, William, Philadelphia, and H. H. Platt, Wallingford, assignors to Wilkening Manufacturing Company, Philadelphia, Pa. Quick-seating piston ring and making the same. 1,913,136; June 6.
- Wuerthner, Martin. (See Schlenker, L. F., and Wuerthner.)
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of benzanthrone. 1,896,147; Feb. 7.
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye stuff and preparing same. 1,909,385; May 16.
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Benzanthrone-acridines and preparing them. 1,909,386; May 16.
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amino-anthraquinones. 1,933,236; Oct. 31.
- Wuertz, Alexander J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing 1-aryl-amino-2-methyl-anthraquinones. 1,936,077; Nov. 21.
- Wuertz, Alexander J., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 2-methyl-benzanthrone. 1,934,221; Nov. 7.
- Wuest, Charles C., St. Louis, Mo. Magazine shaving brush. 1,893,191; Jan. 3.
- Wuest, William O., Van Nuys, Calif. Battery plate filling machine. 1,894,812; Jan. 17.
- Wuestenberg, Herbert C. (See Morse, W. G., Wilson, and Wuestenberg.)
- Wuesthoff, Maximilian W., Los Angeles, Calif. Water connection for plumbing fixtures. 1,935,971; Nov. 21.
- Wuestman, Joseph V., Union, N. J., assignor to G. Ramsey and F. J. Kent, New York, N. Y. Pen. 1,931,279; Oct. 17.
- Wuischpard, Alphonse, New York, N. Y., assignor to Hamilton Watch Company, Lancaster, Pa. Watchcase. 1,937,079; Nov. 28.
- Wulff, Charles A., Indianapolis, Ind. Inking mechanism. 1,934,157; Nov. 7.
- Wulff, Fred, Marshalltown, Iowa. Power applicator. 1,924,477; Aug. 29.
- Wulff, Louis P., Lost Nation, Iowa. Air-mail pick-up and deposit mechanism. 1,902,391; Mar. 21.
- Wulffert, Otto, assignor to Wagner Electric Corporation, St. Louis, Mo. Machine casing element and making same. 1,919,540; July 25.
- Wulff, Carl. (See Hofmann, F., and Wulff.)
- Wulff, Robert G., Los Angeles, Calif. Charging compressed gas cylinders. 1,906,035; Apr. 25.
- Wulff, Robert G., Los Angeles, Calif. Producing acetylene gas. 1,917,627; July 11.
- Wulff, Robert G., Los Angeles, Calif. Separating acetylene from gaseous mixtures. 1,938,991; Dec. 12.
- Wulfig, Johann A., the Firm. (See Sturm, Ernst, assignor.)
- Wulkop, Frederick F., Wellesley, Mass. Bookmark. 1,919,971; July 25.
- Wulle, William A., assignor to The Pyle-National Company, Chicago, Ill. Safety switch. 1,917,567; July 11.
- Wullert, Richard W., and W. E. Bennett, Bend, Oreg. Electromagnet. 1,903,154; Mar. 28.
- Wullschlegler, Albert, assignor to Landis & Gyr, A. G., Zug, Switzerland. Automatic switching mechanism. 1,923,902; Aug. 22.
- Wullschlegler & Co. (See Loun, Henry J., assignor.)
- Wunderlich, William E., Muncie, Ind. Clip. 1,940,283; Dec. 19.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Conveying mechanism. 1,898,281; Feb. 21.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Conveying mechanism. 1,906,036; Apr. 25.
- Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Spring assembly. 1,926,991; Sept. 12.
- Wunderlich, William E., Muncie, Ind., assignor of one-half to S. Karpen & Bros., Chicago, Ill., and one-half to Hager Manufacturing Co., Muncie, Ind. Spring assembling mechanism and method. 1,932,566; Oct. 31.
- Wunsch, Guido. (See Stein, T., and Wunsch.)
- Wunsch, Guido, Steglitz, near Berlin, assignor to Askania-Werke Akt. Ges. Vorm. Centralwerkstatt Dessau und Carl Bamberg-Friedenau, Berlin-Friedenau, Germany. Method of and apparatus for regulating or governing physical conditions. 1,920,827; Aug. 1.
- Wunsch, Guido, Berlin-Steglitz, assignor to Askania-Werke Aktiengesellschaft, Berlin-Friedenau, Germany. Regulating combustion in furnaces or the like. 1,929,230; Oct. 3.
- Wunsch, Joseph W., Brooklyn, N. Y. Power winch. 1,912,112; May 30.
- Wünsche, Otto, Berlin-Friedenau, Germany, assignor to General Electric Company. Acceleration responsive device for controlling electric motor-driven vehicles. 1,919,996; July 25.
- Wunsche, Wilhelm, Detroit, Mich. Buckle. 1,903,856; Apr. 18.
- Wupper, Benjamin F., Chicago, Ill., assignor, by mesne assignments, to The Parker Pen Company, Janesville, Wis. Fountain pen. 1,917,568; July 11.
- Wurm, Max, Brooklyn, N. Y. Extension table. 1,911,662; May 30.
- Wurm, Max, Brooklyn, N. Y. Extension table. 1,915,347; June 27.
- Wurm, Max, Brooklyn, N. Y. Extension table. 1,940,897; Dec. 26.
- Wurm, Max, Detroit, Mich. Extension table. 1,915,346; June 27.
- Wurslin, Gustave, assignor of thirty per cent to C. O. Kruss, Chicago, Ill. Folding showcase with mounted shelf stand. 1,929,046; Oct. 3.
- Wurstler, Carl, Ludwigshafen-on-the-Rhine, and M. Gruber, Mannheim, assignors to I. G. Farbenindustrie Aktien-Gesellschaft, Frankfurt-on-the-Main, Germany. Pure anhydrous aluminum chloride. 1,901,486; Mar. 14.
- Wurster, Henry A., Cleveland, Ohio. Method of and apparatus for making molds. 1,911,542; May 30.
- Württ Bürsten-u. Pinsel-Fabrik Kullen Co. (See Vogler, Karl, assignor.)

- Wurtzer, August C., Catonsville, Md. Toy aeroplane. 1,925,427; Sept. 5.
- Wurtzbach, Hugh E., and L. H. Wadsworth, Magna, assignors to Ahe Selector Corporation, Salt Lake City, Utah. Apparatus for selecting metal checks. 1,907,638; May 9.
- Würzburger, Paul, Wiesbaden, Germany. Polishing appliance for finger nails. 1,894,142; Jan. 10.
- Würzburger, Paul, Wiesbaden, Germany. Tightening means for connecting members of high pressure lubricating devices. 1,934,394; Nov. 7.
- Wüstefeld, Karl, Brunswick, Germany. Calendar. 1,929,731; Oct. 10.
- Wüterich, Eugen, assignor to Swiss Locomotive and Machine Works, Winterthur, Switzerland. Fuel pump for Diesel engines. 1,897,290; Feb. 14.
- Wyandot Vault Company, The. (See Cram, Ramon S., assignor.)
- Wyant, George D., Allison, assignor of one-half to D. D. Dodge, Uniontown, Pa. Hand protector. 1,919,084; July 18.
- Wyant, Mott, Greendale, Ind. Glass tank furnace. 1,904,111; Apr. 18.
- Wyatt, Evan E., Los Angeles, Calif. Instruction desk assembly. 1,892,796; Jan. 3.
- Wyckoff, Ralph D., Ponca City, Okla. Frequency converting radioreceiver. 1,940,519; Dec. 19.
- Wyda, John D., Glen Lyon, Pa. Tire and rim. 1,927,729; Sept. 19.
- Wygodsky, Leon, Baltimore, Md. Solid fuel and making the same. 1,895,955; Jan. 31.
- Wygodsky, Leon, Baltimore, Md. Solid fuel and making same. 1,895,956; Jan. 31.
- Wylam, Birkett. (See Barnes, R. S., Harris, Wylam, and Thomas.)
- Wylam, Birkett. (See Morton, J., Jones, Wylam, and Harris.)
- Wyland, Frank E., Newport, Ky. Combined cooker and stirrer for popcorn and the like. 1,899,968; Feb. 21.
- Wyller, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Chemical salts. 1,932,434; Oct. 31.
- Wyller, Max, Manchester, England, assignor to Imperial Chemical Industries Limited. Amino-xylenols and producing same. 1,920,828; Aug. 1.
- Wyller, Max, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of basic dyestuffs. 1,920,829; Aug. 1.
- Wylie, Ernest L., and E. H. Mohme, St. Louis County, Mo. Front motor mounting. 1,896,859; Feb. 7.
- Wylie, Hamilton N., Twickenham, England. Rubber bearing bush. 1,911,866; May 30.
- Wylie, Hamilton N., assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Whitley, near Coventry, England. Making propeller blades. 1,920,830; Aug. 1.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Motor control system. 1,940,926; Dec. 26.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical equipment. 1,940,927; Dec. 26.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical apparatus. 1,940,928; Dec. 26.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electric motor controlling system. 1,940,929; Dec. 26.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical apparatus. 1,940,930; Dec. 26.
- Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical apparatus. 1,941,288; Dec. 26.
- Wyman-Gordon Company. (See Damerell, Mark H., assignor.)
- Wyman, Le Roy L. (See Fuller, T. S., and Wyman.)
- Wyman, Thomas P., jr., Oak Park, Ill., assignor to Western Electric Company, Inc., New York, N. Y. Transporting platform. 1,897,598; Feb. 14.
- Wynd, John, Tarentum, and J. H. Sherts, Brackenridge, Pa., assignor to Duplate Corporation. Apparatus for drying sheets. 1,930,575; Oct. 17.
- Wyndham, James N., Cardiff, and S. L. Wyndham, Croesvaen, near Cardiff, Wales. Boiler feedwater heater. 1,928,085; Sept. 26.
- Wyndham, Stephen L. (See Wyndham, J. N., and S. L.)
- Wynn, John, Jr., Canton, Ohio. Agitating and feeding mechanism for stokers. 1,919,972; July 25.
- Wynne, Robert J., and P. H. Meyer, Bellwood, assignors to Solar-Sturges Mfg. Co., Melrose Park, Ill. Bottle washing machine. 1,934,247; Nov. 7.
- Wynne, Robert J., and P. H. Meyer, Bellwood, assignors to Solar-Sturges Mfg. Co., Melrose Park, Ill. Bottle cap ejector. 1,934,248; Nov. 7.
- Wynne, Robert J., and P. H. Meyer, Bellwood, assignors to Solar-Sturges Mfg. Co., Melrose Park, Ill. Outside brush mechanism for bottle washers. 1,934,249; Nov. 7.
- Wynne, Robert J., and P. H. Meyer, Bellwood, assignors to Solar-Sturges Mfg. Co., Melrose Park, Ill. Bottle holder for bottle washing machines. 1,934,250; Nov. 7.
- Wyodak Chemical Company, The. (See Heyl, Louis H., assignor.)
- Wyp, Donald, Bridgeport, Conn. Mechanical toy. 1,927,861; Sept. 26.
- Wyrick, Clayton E., assignor to Wyrick Engineering Company, Wyandotte, Mich. Expansion brace. 1,911,734; May 30.
- Wyrick Engineering Company. (See Wyrick, Clayton E., assignor.)
- Wyss, Roland, Brush, Colo. Torch holder. 1,922,409; Aug. 15.
- Wyville, Leslie J., and C. G. Carlson, assignors to Doo-Tee Corporation, Oakland, Calif. Seat. Des. 90,745; Sept. 19.
- X-Engine Company, The. (See Quick, Alfred A., assignor.)
- Xavier, William J., Cliftondale, Mass. Combination blackboard and desk or the like. 1,894,334; Jan. 17.
- Xetal Corporation. (See Cremer, Frits, assignor.)
- Ximenez, Manuel R. (See Walsh, J. F., and Ximenez.)
- Xiques, Frank W., Port Richmond, N. Y. Crib attachment for beds. 1,926,220; Sept. 12.
- Yager, George F., assignor to The Bunting Brass and Bronze Company, Toledo, Ohio. Facing and chamfering machine. 1,895,562; Jan. 31.
- Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Metal working machine. 1,905,203; Apr. 25.
- Yager, George F., assignor to The Bunting Brass and Bronze Company, Toledo, Ohio. Turning machine. 1,933,201; Oct. 31.
- Yager, George F., assignor to The Bunting Brass and Bronze Company, Toledo, Ohio. Metal working machine. 1,933,202; Oct. 31.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass & Bronze Company, Toledo, Ohio. Sprue forming and table locking mechanism. 1,903,616; Apr. 11.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass & Bronze Company, Toledo, Ohio. Mold forming machine. 1,939,585; Dec. 12.
- Yager, George F., and O. J. Heath, assignors to The Bunting Brass & Bronze Company, Toledo, Ohio. Pressure supplying system. 1,939,586; Dec. 12.
- Yale Slot & Slug Company. (See Goetz, Harry, assignor.)
- Yale & Towne Manufacturing Company, The. (See Maxwell, M. C., and Thompson, assignors.)
- Yale & Towne Manufacturing Company, The. (See Miller, Charles A., assignor.)
- Yale & Towne Manufacturing Company, The. (See Mosely, William P., assignor.)
- Yale & Towne Manufacturing Company. (See Potter, Robert S., assignor.)
- Yale & Towne Manufacturing Company, The. (See Stuebing, William, Jr.)
- Yamaguchi, Masaichi, Toyotamagun, Tokyofu, Japan. Anal suppository. 1,915,176; June 20.
- Yamamoto, Komao, Tokyo, Japan. Preparing poultry food. 1,922,919; Aug. 15.
- Yamane, Kanichi, Shimizuzaaka, Kifune-Cho, Shimonoseki-Shi, Yamaguchi-Ken, Japan. Refrigerator of brine-circulation system. 1,924,225; Aug. 29.
- Yamaoka, Harry H., Hollywood, Calif. Folding chair. 1,913,651; June 13.
- Yamashita, Takehiro, Koishikawa-Ku, Tokyo, Japan. Double-color mechanical pencil or sharp pencil. 1,903,800; Apr. 18.
- Yamazaki, Sozaburo. (See Aoyagi, E., Abe, and Yamazaki.)
- Yancey, John H. (See Henry, J. A., and Yancey.)
- Yancey, Perry E., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Signal valve device. 1,910,513; May 23.
- Yancey, Stirling R. (See Teichner, R. R., and Yancey.)
- Yanga, Eleuterio S., Valladolid, Occidental Negros, P. I. Fish trap. 1,903,276; Mar. 28.
- Yankee Metal Products Corp. (See Warner, George B., assignor.)
- Yankovitch, Bözhdar M., Paterson, N. J. Key holder. 1,914,318; June 13.
- Yarbrough, Harold C., Brea, assignor to Yowell & Yarbrough, Inc., Los Angeles, Calif. Combination well cleaner and pump. 1,916,875; July 4.
- Yarnall, David R., Germantown, assignor to Yarnall-Waring Company, Philadelphia, Pa. Indicator for water levels. 1,933,132; Oct. 31.
- Yarnall, David R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Spring pressed valve packing. 1,935,899; Nov. 21.
- Yarnall-Waring Company. (See Yarnall, David R., assignor.)
- Yarsley, Thomas G., assignor to Hartford Faience Company, Hartford, Conn. Terminal mounting for lighting fixtures. 1,930,735; Oct. 17.
- Yartyan, Minas, New York, N. Y. Shoe fastener. 1,933,467; Oct. 31.
- Yarvice, Charles, Gary, Ind., assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 1,934,158; Nov. 7.
- Yassenoff, Isidor, Detroit, Mich. Making cutting tools. 1,908,208; May 9.
- Yassin, I. B., Cambridge, Mass. Differentiator. 1,911,663; May 30.
- Yasso, George H., Bethlehem, Pa. Dispensing device. 1,919,582; July 25.
- Yasuda, Seichi, Osaka-Fu, Japan. Playboard. 1,900,005; Mar. 7.
- Yates-American Machine Company. (See Elley, Alfred C., assignor.)

- Yates-American Machine Company. (See Lane, Franklin L., assignor.)
- Yates-American Machine Company. (See Williams, Richard A., assignor.)
- Yates, Arthur T., West Seneca, assignor to Buffalo Forge Company, Buffalo, N. Y. Clutch. 1,913,579; June 13.
- Yates, Arthur T., West Seneca, assignor to Buffalo Forge Company, Buffalo, N. Y. Bending machine roll. 1,926,830; Sept. 12.
- Yates, O. W., et al. (See Hull, George S., assignor.)
- Yates, Paul, Pittsburgh, assignor, by mesne assignments, to The Oil City National Bank, Oil City, Pa. Metering system. 1,897,657; Feb. 14.
- Yates, Sampson W. (See Cain, J. R., and Yates.)
- Yann, Jesse F., Baton Rouge, La. Drag bucket. 1,938,163; Dec. 5.
- Yavicoli, Felix, Buffalo, N. Y. Mechanic's tool. 1,893,973; Jan. 10.
- Yawman & Erbe Manufacturing Company, The. (See Furlong, Roland A., assignor.)
- Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
- Yawman, Frederick G., assignor to R. A. Furlong, Rochester, N. Y. Visible index. 1,913,824; June 13.
- Yaxley Manufacturing Company. (See Hall, Arthur, assignor.)
- Yaxley Manufacturing Company. (See Sanborn, Arthur H., assignor.)
- Yaxley, William E., Oak Park, Ill. Drawing board. 1,906,300; May 2.
- Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Valve and generator assembly. 1,914,393; June 20.
- Yeager, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Vapor stove. 1,924,824; Aug. 29.
- Yeager, Frank W., Cliffside Park, N. J., assignor to The Barrett Company, New York, N. Y. Shingle strip. 1,937,933; Dec. 5.
- Yeager, Sam. (See MacBeth, R. E., and Yeager.)
- Yeagley, Albert S., jr., Dallas, Tex., assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Valve controlling apparatus for chlorinators. 1,922,268; Aug. 15.
- Yeakel, Walter C., Battle Creek, assignor to Clark Tractor Company, Buchanan, Mich. Conveyor system and chute. 1,908,722; May 16.
- Yeaton, George S., Dorchester, and L. Blauer, Arlington Heights, assignors to American Rubber Company, Cambridge, Mass. Waterproof clothing. 1,921,646; Aug. 8.
- Yeaton, Samuel C., Bayside, N. Y. Distilling hydrocarbon oils. 1,909,600; May 16.
- Yeider, Harry A., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Reproducing system. 1,909,995; May 23.
- Yendes, Harlan W., Dayton, Ohio. Vending machine cabinet. Des. 89,813; May 2.
- Yengst, Charles R., Meadville, Pa., assignor to Hookless Fastener Company, Vehicle curtain. 1,894,527; Jan. 17.
- Yent, Rufus L., Pittsburg, Calif. Bathtub. Des. 90,640; Sept. 5.
- Yenzer, George R., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 1,905,669; Apr. 25.
- Yeomans, Lucien I., Chicago, Ill. Refrigeration system. 1,938,205; Dec. 5.
- Yeomans, Lucien I., Chicago, Ill., assignor, by mesne assignments, to Universal Products Company, Inc., Dearborn, Mich. Making forging tools. 1,936,652; Nov. 28.
- Yerges, Howard F., assignor to Columbus Metal Products Inc., Columbus, Ohio. Mechanical stoker. Des. 90,641; Sept. 5.
- Yerk, Henry H., and A. A. Kottman, Davenport, assignors, by mesne assignments, to The Micro Corporation, Bettendorf, Iowa. Grinding machine. 1,924,896; Aug. 29.
- Yerkes, John A., and R. H. Lemmon, Long Beach, Calif. Inserted guide and bumper for blind cages. 1,901,217; Mar. 14.
- Yerkes, William F., near Rio Oso, Calif. Peach. Pl. Pt. 84; Nov. 28.
- Yerkey, Henry, Galesburg, Ill. Shears grinder. 1,909,033; May 16.
- Yeschick, Alex R., Brownston, Minn. Switch. 1,917,786; July 11.
- Yesse, Roman. (See Summers, Omar, assignor.)
- Yingling, Frank B., assignor to The Ceramic Machinery Company, Hamilton, Ohio. Friction tile press. 1,910,733; May 23.
- Yingling, Frank B., assignor to Ceramic Machinery Co., Hamilton, Ohio. Tile measuring and sorting mechanism. 1,923,469; Aug. 22.
- Yingling, Frank B., assignor to The Ceramic Machinery Company, Hamilton, Ohio. Assembling drum. 1,939,157; Dec. 12.
- Yingling, John C., St. Marys, Ohio. Hook guard. 1,914,189; June 13.
- Yirava, Charles R. (See Bellar, C. J., and Yirava.)
- Yirava, Charles R., Cleveland, Ohio. Lubricant dispensing device. 1,929,231; Oct. 3.
- Yoder, Benjamin H., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Hatch cover. 1,922,067; Aug. 15.
- Yoder, Carl M., Lakewood, Ohio. Machine for and process of forming metal into shapes. Re18,760; Mar. 7.
- Yoder, Elizabeth. (See Yoder, George W., assignor.)
- Yoder, George W., assignor of fifty-one per cent to E. Yoder, St. Marys, Mo. Mixer. 1,933,648; Nov. 7.
- Yoder-Morris Company, The. (See Morris, Howard I., assignor.)
- Yoder, Theodore D., Iowa City, Iowa. Antidraft apparatus for doors. 1,922,068; Aug. 15.
- Yoerg, Alfred E., et al. (See Schlesinger, Harry, assignor.)
- Yoerger, Frank, Rego Park, assignor to Standard Motor Products, Inc., Long Island City, N. Y. Ignition coil. 1,896,932; Feb. 7.
- Yoerger, P. F., Sign Company. (See Johnson, Claude U., assignor.)
- Yoes, Edna, Oklahoma City, Okla. Exercising and amusement device. 1,922,466; Aug. 15.
- Yohe, Gail R., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Age-resister. 1,909,329; May 16.
- Yohe, Lester N., New Oxford, and M. Jensen, Harrisburg, Pa. Control system for ailerons. 1,893,118; Jan. 3.
- Yohe, Perry P., North Hollywood, Calif., assignor to Koehring Company, Milwaukee, Wis. Consistency controlling mechanism for concrete mixers. 1,904,025; Apr. 18.
- Yolles, Jacob. (See Jones, L. L., and Yolles.)
- Yonts, Ruthada, assignor to The H. W. Gossard Co., Chicago, Ill. Brassiere. 1,926,078; Sept. 12.
- Yorgason, Charles E., Ogden City, Utah. Automobile brake testing device. 1,893,529; Jan. 10.
- York, Albert F. (See Jones, G., and York.)
- York Band Instrument Company. (See Johnson, Alfred J., assignor.)
- York, Bertrand L., Piedmont, Calif. Supporting element for confections. 1,895,697; Jan. 31.
- York, Carl R., North Tonawanda, N. Y. Necktie display holder. 1,901,941; Mar. 21.
- York, David H., and H. L. Kincaid, Statesville, assignors to J. H. Leagan, Iredell County, N. C. Coop. 1,927,481; Sept. 19.
- York, Henry J., San Francisco, Calif. Nest. 1,915,508; June 27.
- York Ice Machinery Corporation. (See Bergdoll, John G., assignor.)
- York Ice Machinery Corporation. (See Light, Albert T., assignor.)
- York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
- York, Mahlon D., and P. J. Newton, Unadilla, N. Y. Steering mechanism for vehicles. 1,908,095; May 9.
- York, Mahlon D., and P. J. Newton, assignors to York Modern Corporation, Unadilla, N. Y. Road grading machine. 1,915,844; June 27.
- York Modern Corporation. (See York, M. D., and Newton, assignors.)
- York Safe & Lock Company. (See Sioberg, Charles F., assignor.)
- York Water Corporation, Ltd. (See Alex, Max, assignor.)
- York, William O., Provost, and A. Ostgaard, Cadogan, Alberta, Canada. Oil or gasoline barrel lock. 1,938,886; Dec. 12.
- Yoshimura, Teiji. (See Mizuta, M., and Yoshimura.)
- Yoshizawa, Chuzaburo, Tokyo, Japan. Gramophone. 1,935,869; Nov. 21.
- Yoshizawa, Denzo, Nakano Machi, Toyotama Gun, Tokyo. Fu, assignor to Hisakichi Kubodera, Tokyo, Japan. Valve. 1,897,687; Feb. 14.
- Yost, Attos V. (See Yost, Calvin L. and A. V.)
- Yost, B. F. (See Meredith, Jacquelin M., assignor.)
- Yost, Calvin L. and A. V., Decatur, Ind. Power driven truck. 1,926,928; Sept. 12.
- Yost, Karl M., assignor to Bendix Brake Company, South Bend, Ind. Brake. 1,899,601; Feb. 28.
- Yost, Karl M., assignor to Bendit Brake Company, South Bend, Ind. Brake shoe. 1,906,688; May 2.
- Yost, Lloyd, assignor to Fairbanks, Morse & Co., Chicago, Ill. Protecting and cooling means for dynamo-electric machines. 1,907,230; May 2.
- Yost, Winfield H., Montreal, Quebec, Canada. Dump car. 1,908,096; May 9.
- Youd, Earl T. (See Dunn, T. E., Dyer, Lake, and Youd, E. T.)
- Youhouse, Joseph, Fairfield, assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Synchronous motor. 1,894,455; Jan. 17.
- Youker, Malcolm P., Tulsa, assignor to Phillips Petroleum Company, Bartlesville, Okla. Treatment of hydrocarbon liquids such as gasoline, kerosene, and the like. 1,910,734; May 23.
- Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Joining pressure carrying tubing to fittings. 1,915,008; June 20.
- Youker, Mortimer A. (See Layng, T. E., and Youker.)
- Youman, Bert C. (See Kent, E. A., Bava, and Youman.)
- Youman, Burt C., assignor to California Packing Corporation, San Francisco, Calif. Fish auger. 1,900,267; Mar. 7.
- Youman, Burt C., assignor to California Packing Corporation, San Francisco, Calif. Fish cleaning mechanism. 1,926,417; Sept. 12.
- Youmans, Edward J., Baxley, Ga. Razor. 1,927,971; Sept. 26.
- Youness, John N., Columbus, Wis. Humidifier. 1,918,365; July 18.
- Young, Albert M., Brooklyn, and W. Pollack, Richmond Hill, N. Y. Multiple display lamp. 1,903,330; Apr. 4.
- Young, Alfred E. (See Sollanek, E., Walters, and Young.)

- Young, Archer E., Pittsburgh, Pa. Measuring apparatus. 1,893,214; Jan. 3.
- Young, Archer E., Pittsburgh, Pa. Measuring apparatus. 1,902,112; Mar. 21.
- Young, Archer E., Pittsburgh, Pa. Mercury switch. 1,907,639; May 9.
- Young, Archer E., Pittsburgh, Pa. B. T. U. meter. 1,912,420; June 6.
- Young, Archer E., Pittsburgh, Pa. Measuring apparatus. 1,927,432; Sept. 19.
- Young, Arthur, assignor to S. Morgan Smith Company, York, Pa. Crest gate. 1,938,675; Dec. 12.
- Young, Arthur M., Radnor, Pa. Helicopter. 1,915,209; June 20.
- Young, Aubrey A., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Slow match composition. 1,935,495; Nov. 14.
- Young, August, Flushing, N. Y. Air conditioning device. 1,941,425; Dec. 26.
- Young, Bessie I. C., Pasadena, Calif. Bed pan cushion. 1,924,204; Aug. 29.
- Young, Bob, Shreveport, La. Casing tester. 1,933,951; Nov. 7.
- Young, Charles D. (See Faries, R., and Young.)
- Young, Charles D., Haverford, Pa. Making journal boxes. 1,910,273; May 23.
- Young, Charles D., Haverford, Pa. Journal box. 1,910,274; May 23.
- Young, Charles J. (See Butler, H. R., and Young, assignors.)
- Young, Charles J. (See Fitz Gerald, A. S., and Young.)
- Young, Charles O., and G. H. Law, Charleston, W. Va., assignors to Carbide & Carbon Chemicals Corporation. Preparation of allyl alcohol. 1,917,179; July 4.
- Young, Charles O., and G. H. Reid, South Charleston, W. Va., assignor to Carbide & Carbon Chemicals Corporation. Obtaining reaction products of ketene. 1,926,642; Sept. 12.
- Young, Christian, Detroit, Mich. Ventilating skylight. 1,922,410; Aug. 15.
- Young, D'Arcy A., jr. (See Tuttle, C. M., and Young, jr.)
- Young, David H. (See Nute, George A., assignor.)
- Young, Delmar L., Salina, Kans. Windshield warming device. 1,928,277; Sept. 26.
- Young, Edward E., Parkersburg, W. Va. Well packer. 1,895,905; Jan. 31.
- Young, Elijah A., Johannesburg, Union of South Africa. Device for securing broom heads to their sticks. 1,905,670; Apr. 25.
- Young, Elmer F. (See Van Zale, G., Young, Deucher, R. E. and J. O.)
- Young, Forest J., Los Angeles, Calif., assignor to The National Supply Company of Delaware, New York, N. Y. Slip with removable liner. 1,909,602; May 16.
- Young, Forrest J., Torrance, and J. A. Dunn, South Pasadena, Calif., assignors, by mesne assignments, to The National Supply Company, Toledo, Ohio. Mechanically operated slip type elevator. 1,909,601; May 16.
- Young, Forrest J., Los Angeles, and S. W. Long, Redondo Beach, and J. S. Morgan, jr., Inglewood, Calif., assignors to The National Supply Company, Toledo, Ohio. Door type slip elevator. 1,920,617; Aug. 1.
- Young, Forrest J., Los Angeles, and D. A. Murphy, Torrance, Calif., assignors to The National Supply Company, Toledo, Ohio. Swing joint steel hose. 1,928,957; Oct. 3.
- Young, Forrest J., and J. D. Spalding, Los Angeles, Calif., assignors to The National Supply Company, Toledo, Ohio. Crown block. 1,928,958; Oct. 3.
- Young, Frank, Logansport, Ind. Ridge roll. 1,910,312; May 23.
- Young, Fred M., Racine, Wis. Heat transferring unit. 1,916,549; July 4.
- Young, Fred M., Racine, Wis. Radiator. 1,921,278; Aug. 8.
- Young, Fred M., assignor to Young Radiator Company, Racine, Wis. Radiator. 1,931,467; Oct. 17.
- Young, Geo. & Company. (See Fegan, Albert E., assignor.)
- Young, Guy M., assignor of fifty-two and one-half per cent to N. Pirani, Memphis, Tenn. Combination tobacco, match, and cigarette paper case. 1,895,957; Jan. 31.
- Young, Guy M., J. P. Bowers, and R. W. Zearing, Memphis, Tenn. Game paddle. 1,928,583; Sept. 26.
- Young, H. B., et al. (See Long, Wilber L., assignor.)
- Young, Harold A., Riverside, assignor of one-half to G. W. Thompson, La Canada, Calif. Control valve. 1,927,972; Sept. 26.
- Young, Harry B., Buena, N. J. Dispensing device. 1,898,803; Feb. 21.
- Young, Harry C., Wooster, Ohio. Colloidal, hydrophilic sulphur. 1,917,351; July 11.
- Young, Harry C., Wooster, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Combined fungicide and insecticide. 1,911,867; May 30.
- Young, Harry C., Wooster, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Fungicide. 1,911,868; May 30.
- Young, Harry C., and C. Hemm, Manchester, assignor to Dunlop Rubber Company Limited, Birmingham, England. Manufacture of goods of or containing rubber. 1,923,524; Aug. 22.
- Young, Henry S. (See McCann, R. A., and Young.)
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 1,933,690; Nov. 7.
- Young, Henry S., Wilkinsburg, and H. N. Dixon, assignors to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 1,896,120; Feb. 7.
- Young, Homer W. (See Patterson, C. T., and Young.)
- Young, Horace G., assignor, by mesne assignments, to Katinka W. Young, Ocean City, N. J. Metallic faced building unit. 1,898,864; Feb. 21.
- Young, Howard F., assignor of one-half to L. S. Young, Kalamazoo, Mich. Concrete construction. 1,922,340; Aug. 15.
- Young, Howard F., assignor of one-half to L. S. Young, Kalamazoo, Mich. Concrete floor construction. 1,928,748; Oct. 3.
- Young, Howard F., assignor of one-half to L. S. Young, Kalamazoo, Mich. Floor or roof joist construction. 1,936,147; Nov. 21.
- Young, Howard F., assignor of one-half to L. S. Young, Kalamazoo, Mich. Concrete floor structure. 1,938,887; Dec. 12.
- Young, Hugh E., et al. (See Haug, Eugene H., assignor.)
- Young, Hugh E. (See Taylor, Eugene S., assignor.)
- Young Iron Works. (See Hansen, Arthur E., assignor.)
- Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Antistick coating material. 1,904,341; Apr. 18.
- Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Protected metal article. 1,919,677; July 25.
- Young, James H., Bronx, assignor to T. C. Wilson, Incorporated, New York, N. Y. Tube cleaner. 1,921,019; Aug. 8.
- Young, James H., assignor to Thomas C. Wilson, Incorporated, New York, N. Y. Tube cleaner. 1,932,999; Oct. 31.
- Young, James H., assignor to Thomas C. Wilson, Incorporated, New York, N. Y. Fluid motor. 1,933,000; Oct. 31.
- Young, John. (See Drysdale, J. W. W., and Young.)
- Young, John, Welland, Ontario, Canada. Arc furnace control apparatus. 1,901,426; Mar. 14.
- Young, John, Welland, Ontario, Canada. Automatic current regulator for electric arc furnaces. 1,939,427; Dec. 12.
- Young, John H., Warren, Pa. Deep well pumping mechanism. 1,913,225; June 6.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Sheet metal container. 1,917,284; July 11.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 1,920,287; Aug. 1.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 1,920,288; Aug. 1.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Packaging of gas containing objects. 1,921,015; Aug. 8.
- Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container closure. 1,921,016; Aug. 8.
- Young, John M., Brooklyn, N. Y., assignor to American Can Company, New York, N. Y. Manufacture of container opening keys. 1,936,611; Nov. 28.
- Young, John F., assignor to Armstrong Cork Company, Lancaster, Pa. Reproduction by printing. 1,940,931; Dec. 26.
- Young, John W., Pittsburgh, Pa. Gas protective apparatus. 1,912,055; May 30.
- Young, John W., assignor to Federal Laboratories, Inc., Pittsburgh, Pa. Hand grenade or aerial bomb. 1,897,948; Feb. 14.
- Young, Katinka W. (See Young, Horace G., assignor.)
- Young, L. A., Company, The. (See Harders, C. F., and Link, assignors.)
- Young, L. A., Spring & Wire Corporation. (See Falls, William A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Fante, Harry H., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Heuer, Lawrence H., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Leal, Hugh, assignor.)
- Young, L. A., Spring & Wire Corporation. (See Oldham, John M., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Stackhouse, George A., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Stewart, Theodore D., assignor.)
- Young, Leon M., assignor to Young Radiator Company, Racine, Wis. Bonding restricted joint. 1,931,311; Oct. 17.
- Young, Leon M., S. Eusey, and D. E. Lindquist, assignors to Mueller Brass Co., Port Huron, Mich. Pipe coupling. 1,895,426; Jan. 24.
- Young, Leonard, Acton, London, England. Diaphragm for sound producing instruments. 1,926,187; Sept. 12.
- Young, Leonard A., Detroit, Mich. Golf ball teeing device. 1,937,180; Nov. 28.
- Young, Leonie S. (See Young, Howard F., assignor.)
- Young, Lewis M., Norwich, Conn. Sand spreader. 1,924,825; Aug. 29.
- Young, Lewis M., Norwich, Conn. Sand spreader. 1,925,020; Aug. 29.
- Young, Louis. (See Young, Samuel and L.)

- Young, Mark L., Sunnyvale, Calif. Animal trap. 1,937,260; Nov. 28.
- Young, Maurice M., Chicago, Ill. Drapery fixture. 1,933,691; Nov. 7.
- Young Motor Trunk Company. (See Duffy, Tom I., assignor.)
- Young, Otto W. (See Brittain, R. J., jr., and Young.)
- Young, Otto W., East Orange, N. J., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing cage and method. 1,928,823; Oct. 3.
- Young, Peter M., Los Angeles, Calif. Coffee bin and hopper. 1,897,599; Feb. 14.
- Young, Philip E., Fairhaven, Mass., assignor to Acushnet Process Company. Apparatus for balanced molding of rubber articles. 1,899,907; Feb. 28.
- Young, Philip L., New York, N. Y., and W. V. Hanks and G. H. Freyermuth, Baton Rouge, La., assignors to Standard Oil Development Company. Manufacture of hydrogen. 1,904,592; Apr. 18.
- Young, Philip L., Elizabeth, N. J., and W. V. Hanks, Baton Rouge, La., assignors to Standard Oil Development Company. Manufacture of gas rich in free hydrogen. 1,904,593; Apr. 18.
- Young Radiator Company. (See Young, Fred M., assignor.)
- Young Radiator Company. (See Young, Leon M., assignor.)
- Young, Robert H., Portland, Oreg. Sausage cooker. Des. 90,182; June 20.
- Young, Samuel, Arlington, N. J. Implement for removing snow and like work. 1,927,196; Sept. 19.
- Young, Samuel and L., Brockton, Mass. Mattress. 1,906,893; May 2.
- Young, Serenus H. A., St. Paul, Minn. Fruit juices. Des. 89,232; Feb. 7.
- Young, Thomas, Nurseries, Inc. (See Holmes, Jesse H., assignor.)
- Young, Vertrees, and W. C. George, assignors to Robert Gaylord, Incorporated, St. Louis, Mo. Packing case. 1,914,550; June 20.
- Young, Wilson T., Oakmont, Pa., assignor to The Farrell Company. Coin counting and wrapping machine. 1,901,715; Mar. 14.
- Young, Wilson T., Oakmont, assignor, by mesne assignments, to Safety Nut Corporation, Philadelphia, Pa. Brake lock. 1,909,387; May 16.
- Youngberg, Conrad D., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter. 1,929,963; Oct. 10.
- Youngchild, John W., and J. Wipfli, assignors to Nekoosa-Edwards Paper Company, Nekoosa, Wis. Apparatus and method for treating paper. 1,908,275; May 9.
- Younger, John B., Berkeley, assignor of one-half to Capelis Safety Airplane Corporation, Limited, El Cerrito, Calif. Tail-skid and rudder for airplanes. 1,911,416; May 30.
- Younger, Julius G., Hamilton, Ontario, Canada. Radiodial. 1,897,380; Feb. 14.
- Younghusband, James L., Chicago, Ill. Advertising display stand. Des. 91,003; Nov. 7.
- Younghusband, Kenneth, Hawarden, England. Controlling electromagnets for lifting and transporting and in apparatus therefor. 1,915,566; June 27.
- Yongs, George L., and J. L. Angle, assignors to Stickley Brothers Company, Grand Rapids, Mich. Wooden bed. Des. 90,559; Aug. 22.
- Yongs, George L., and J. L. Angle, assignors to Stickley Brothers Company, Grand Rapids, Mich. Wooden desk. Des. 90,560; Aug. 22.
- Youngstown Pressed Steel Company, The. (See Stanitz, Jacques, assignor.)
- Youngstown Pressed Steel Company, The. (See Stanitz, Jacques, and Boyer, assignors.)
- Youngstown Sheet & Tube Company, The. (See Adams, James L., jr., assignor.)
- Youngstown Sheet & Tube Company, The. (See Kachel, Henry W., assignor.)
- Youngstown Sheet and Tube Company, The. (See Krebs, Walter O., assignor.)
- Youngstown Sheet and Tube Company, The. (See Underwood, Lawrence H., assignor.)
- Youngstown Sheet and Tube Company, The. (See Ward, David R., assignor.)
- Youngstown Steel Car Corporation. (See Nyberg, Olaf J., assignor.)
- Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
- Youngstown Steel Door Company, The. (See Henricks, Harold H., assignor.)
- Youngstown Steel Door Company, The. (See McWilliams, John P., assignor.)
- Youngstown Steel Door Company. (See Tobin, K. J., McWilliams, and Williamson, assignors.)
- Youngstown Steel Door Company, The. (See Williams, Clarence H., assignor.)
- Younie, Lewis E., assignor to Electric Steel Foundry Company, Portland, Oreg. Dipper tooth. 1,909,850; May 16.
- Yount, Charles W., Indianapolis, Ind. Differential assembly gear flange indicating and correcting device. 1,929,800; Oct. 10.
- Yount, Esta E., near Dayton, Ohio. Combination merchandise display and liquid dispensing cabinet. Des. 89,814; May 9.
- Yount, Harry, Douglas County, and A. T. Gossman, Wenatchee, Wash.; said Yount assignor to said Gossman. Apricot. Pl. Pt. 74; Sept. 26.
- Youtsey, Floyd S., Collinsville, Ill. Apparatus for comminuting material. 1,936,742; Nov. 28.
- Yowell & Yarbrough, Inc. (See Wickersham, Newton W., assignor.)
- Yowell & Yarbrough, Inc. (See Yarbrough, Harold C., assignor.)
- Ytterberg, Arle, Hogberget, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Compounding voltage regulators for threephase generators. 1,899,406; Feb. 28.
- Yudes, Alfred, Beilerose, N. Y. Fastening device for a window. 1,911,783; May 30.
- Yumamoto, Eijiro. (See Fujii, Tokutaro, assignor.)
- Yundt, Michael, Company. (See Perkins, Frank P., assignor.)
- Yungling, Paul F., assignor to Scott-Ross and Company, Los Angeles, Calif. Valve mechanism. 1,900,268; Mar. 7.
- Yungman, Alfred T., Akron, assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Wire drawing mechanism. 1,904,965; Apr. 18.
- Yunker, James A., Louisville, Ky., assignor to Natural Gas Hydrogen Corporation, New York, N. Y. Production of hydrogen-nitrogen gas mixtures. 1,901,884; Mar. 21.
- Yunker, James A., Louisville, Ky., assignor to Natural Gas Hydrogen Corporation, New York, N. Y. Manufacture of industrial hydrogen. 1,901,885; Mar. 21.
- Yunker, James A., Louisville, Ky., assignor to Natural Gas Hydrogen Corporation, New York, N. Y. Production of carbon black. 1,902,746; Mar. 21.
- Yunker, James A., Louisville, Ky., assignor to Natural Gas Hydrogen Corporation, New York, N. Y. Reforming natural gas. 1,902,747; Mar. 21.
- Yurkovitch, Anton, Pittsburgh, Pa. Straining device. 1,916,456; July 4.
- Yurkovitch, Anton, Pittsburgh, Pa. Adjustable flue connection. 1,919,678; July 25.
- Yurkovitch, Anton, Pittsburgh, Pa. Adjustable flue connection. 1,919,679; July 25.
- Yutts, Ralph, Miami, Fla. Duster and machine for making the same. 1,896,148; Feb. 7.
- Yutts, Ralph, Miami, Fla. Fabric duster. 1,903,663; Apr. 11.
- Yutts, Ralph, Miami, Fla. Duster and handle. 1,903,664; Apr. 11.
- Yutts, Ralph, Miami, Fla. Duster and making same. 1,927,730; Sept. 19.
- Yutzler, Fred W., assignor to The Kent Company, Inc., Rome, N. Y. Control device. 1,930,117; Oct. 10.
- Yutzler, Fred W., assignor to The Kent Company, Inc., Rome, N. Y. Gauge. 1,941,239; Dec. 26.
- Zabel, William C. P., Chicago, Ill. Trap. 1,931,175; Oct. 17.
- Zaborowski, Anthony W. (See Babb, E., and Zaborowski.)
- Zabriskie, John W. (See Von Bramer, H., and Zabriskie.)
- Zabriskie, William E., assignor to Gabriel Steel Company, Detroit, Mich. Transverse bracing for metallic floor joists. 1,920,831; Aug. 1.
- Zabriskie, William E., assignor to Gabriel Steel Company, Detroit, Mich. Truss. 1,935,758; Nov. 21.
- Zacamy, Onofrio. (See Bongiovanni, A., and Zacamy.)
- Zacarias, Francisco C., Waynoka, Okla. Railroad switch lock. 1,908,097; May 9.
- Zach, Julius J., Moores, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive structure. 1,924,175; Aug. 29.
- Zachara, Ladislaus, Bremerton, Wash. Combination circular saw miter machine. 1,924,672; Aug. 29.
- Zacharias, Edwin S. (See Ramsey, S. G., and Zacharias.)
- Zacharias, Franz, Brooklyn, N. Y. Smoking device. 1,899,407; Feb. 28.
- Zack, Hans J., Chicago, Ill. Duct joint construction. 1,935,690; Nov. 21.
- Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, New York, N. Y. Treating or washing machinery. 1,896,149; Feb. 7.
- Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, New York, N. Y. Conveyor. 1,896,150; Feb. 7.
- Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, New York, N. Y. Conveyor belt. 1,896,151; Feb. 7.
- Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, New York, N. Y. Washing machinery. 1,899,657; Feb. 28.
- Zagorski, Johann, Frankfort-on-the-Main, and E. Wesnigk, Berlin, Germany. Rolling mill. 1,900,630; Mar. 7.
- Zahn, Joseph D., assignor to Animal Trap Company of America, Lititz, Pa. Selective double jaw trap. 1,916,876; July 4.
- Zahn, Joseph D., and J. U. Lehn, Lititz, Pa. Animal trap. 1,904,188; Apr. 18.
- Zahn, Joseph D., and J. U. Lehn, assignors to Animal Trap Company of America, Lititz, Pa. Animal trap. 1,916,877; July 4.
- Zahn, Archie R., Brooklyn, assignor to F. I. Smith & Co., New York, N. Y. Rotary kiln. 1,910,873; May 23.
- Zahn, George E., Freedom, Pa. Hydraulic transmission mechanism. 1,904,811; Apr. 18.
- Zahn, George E., Freedom, and W. E. Mengel, Monaca, Pa. Non-removable cap for tubes. 1,914,765; June 20.

- Zahn, Karl, Frankfurt-on-the-Main, Höchst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation product or isatin-*a*-anilide and substituted antrones and producing same. 1,902,929; Mar. 28.
- Zahn, Karl, and H. Koch, Frankfurt-on-the-Main, and K. Weinand, Leverkusen, I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New acid dyestuffs of the anthraquinone series. 1,899,377; Feb. 28.
- Zahn, Karl, Frankfurt-on-the-Main-Höchst, and H. Schlichenmaier, Bad Soden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Alpha-hydroxyanthrone derivatives and preparing them. 1,935,928; Nov. 21.
- Zahn, Karl, and H. Koch, Frankfurt-on-the-Main-Höchst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid dyestuff of the anthraquinone series. 1,935,929; Nov. 21.
- Zahn, Karl, K. Schimmelschmidt, and H. Koch, Frankfurt-on-the-Main-Höchst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxycarboxylic acid arylides. 1,936,926; Nov. 28.
- Zahn, Selma K., Albany, Calif., assignor, by mesne assignments, to Bank of America. Article, method, and machine for manufacture. 1,919,180; July 18.
- Zahnradfabrik Aktiengesellschaft. (See V. Soden-Fraunhofen, Alfred G., assignor.)
- Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Wiedmann, Ludwig, assignor.)
- Zahodiakin, Victor F., Cincinnati, Ohio. Internal combustion engine. 1,913,063; June 6.
- Zahodiakin, Victor F., assignor to The Stanwood Corporation, Cincinnati, Ohio. Internal combustion engine. 1,916,550; July 4.
- Zahoransky, Anton, Todtnau, Germany. Brush making machine. 1,902,113; Mar. 21.
- Zahoransky, Anton, Todtnau, Germany. Brush making machine. 1,936,743; Nov. 28.
- Zaidan-Hojin Aoyagi Kenkyusho. (See Aoyagi, E., Abe, and Yamazaki, assignors.)
- Zaidan Hojin Rikagaku Kenkyujo. (See Suzuki, Tsuneo, assignor.)
- Zaidan, Joseph P., Scranton, Pa. Cutting attachment for sewing machines. 1,928,845; Oct. 3.
- Zaidan Hojin Rikagaku Kenkyujo. (See Tanaka, H., and Imatomi, assignors.)
- Zaiden, David, Brooklyn, assignor of one-fourth to I. Kaufman and one-fourth to S. Kaufman, Forest Hills, and one-fourth to J. Kaufman, Brooklyn, N. Y. Eye structure for dolls. 1,908,998; May 9.
- Zaiden, David, assignor of one-fourth to I. Kaufman and one-fourth to S. Kaufman, Forest Hills, and one-fourth to J. Kaufman, Brooklyn, N. Y. Detachable eye structure for dolls. 1,926,574; Sept. 12.
- Zaiger, Louis. (See Zaiger, Max and L.)
- Zaiger, Max, Swampscott, and L. Zaiger, Lynn, Mass. Splash flap for automobiles. 1,904,342; Apr. 18.
- Zaiger, Max, Swampscott, and L. Zaiger, Lynn, Mass. Splash flap for automobiles. 1,904,343; Apr. 18.
- Zaiger, Max, Swampscott, and L. Zaiger, Lynn, Mass. Registration plate holder for automobiles. 1,910,211; May 23.
- Zaisser, Fritz S., Bronx, N. Y. Closure. 1,916,707; July 4.
- Zakowski, Max. (See Lehmann, K. A., and Zakowski.)
- Zaloom, Joseph A., Brooklyn, assignor to Zenobia Co. Inc., New York, N. Y. Treating nuts. 1,911,869; May 30.
- Zaloschan, William, Chicago, Ill. Bottle cap. 1,914,766; June 20.
- Zaloudek, William A., Chicago, Ill., and A. F. Syverud and R. L. Sayre, assignors to H. D. Hudson Manufacturing Company, Minneapolis, Minn. Ventilating unit. 1,907,928; May 9.
- Zanella, Apollony, Spadra, Calif. Concrete form board truing holder. 1,905,616; Apr. 25.
- Zänker, Waldemar, Barmen, Germany, assignor to Heberlein Patent Corporation, New York, N. Y. Ennobling cellulosic materials and product therefrom. 1,925,914; Sept. 5.
- Zanotto, Enrico H., Hilts, Calif. Saw mill. 1,933,037; Oct. 31.
- Zanzi, Albino. (See Ferrando, A., and Zanzi.)
- Zanzi, Ditta Giovanni. (See Ferrando, A., and Zanzi, assignors.)
- Zanzig, Frank C. (See Buettner, R. J., Found, Muntner, Neitz, and Zanzig.)
- Zap Development Company. (See Zaparka, Edward F., assignor.)
- Zap Development Corporation. (See Zaparka, Edward F., assignor.)
- Zaparka, Edward F., assignor to Zap Development Company, New York, N. Y. Aircraft. 1,893,064; Jan. 3.
- Zaparka, Edward F., assignor to Zap Development Company, New York, N. Y. Aircraft and control thereof. 1,893,065; Jan. 3.
- Zaparka, Edward F., New York, N. Y., assignor to Zap Development Corporation, Wilmington, Del. Aircraft. 1,927,535; Sept. 19.
- Zaparka, Edward F., New York, N. Y., assignor to Zap Development Corporation, Wilmington, Del. Aircraft sustaining system and propulsion. 1,927,536; Sept. 19.
- Zaparka, Edward F., New York, N. Y., assignor to Zap Development Corporation, Wilmington, Del. Aircraft control. 1,927,537; Sept. 19.
- Zaparka, Edward F., New York, N. Y., assignor to Zap Development Corporation, Wilmington, Del. Sustaining and control surface. 1,927,538; Sept. 19.
- Zapf, Georg, Riehlwall, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Cable for comparatively deep seas. 1,893,119; Jan. 3.
- Zapf, Georg, Riehlwall, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Electric hollow conductor. 1,893,120; Jan. 3.
- Zapf, Georg, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Finishing the ends and fixing ropes. 1,894,389; Jan. 17.
- Zapf, Georg, Cologne, assignor to Felten & Guillaume Carlswerke Actien-Gesellschaft, Cologne, Mulheim, Germany. Reducing the extension in wire ropes. 1,906,782; May 2.
- Zapf, Georg, Cologne, assignor to Felten & Guillaume Carlswerke Actien-Gesellschaft, Cologne-Mulheim, Germany. Dredger. 1,920,731; Aug. 1.
- Zapf, George, Cologne, assignor to Felten & Guillaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Method of measuring the elongation of hollow cables. 1,936,282; Nov. 21.
- Zapf, Louis, Old Hickory, Tenn., assignor to Du Pont Rayon Company, New York, N. Y. Guide. 1,935,787; Nov. 21.
- Zarafu, Herman. (See Smith, F. H., and Zarafu.)
- Zaremba Company. (See Hughes, Burton S., Eggert, and S. Hughes, assignors.)
- Zarkin, Charles, New York, N. Y. Graining machine. 1,935,306; Nov. 14.
- Zarotscheneff, Mikail T., London, England, assignor to American "Z" Corporation, New York, N. Y. Chilling and freezing foodstuffs. 1,894,813; Jan. 17.
- Zaucker, Ewald. (See Orthner, L., Zaucker, and Bögemann.)
- Zaun, George F., San Bernardino, Calif. Box car construction. 1,920,455; Aug. 1.
- Zavatkay, Frederick F., Winsted, Conn. Spike setting device. 1,916,708; July 4.
- Zavertnik, Joseph, Jr. (See MacCubbin, A. A., and Zavertnik.)
- Zavertnik, Joseph, Harrington Park, and A. A. MacCubbin, Montclair, N. J., assignors to The Barrett Company, New York, N. Y. Saturating fabric. 1,920,541; Aug. 1.
- Zay, Anthony, Cleveland, Ohio. Cap. 1,918,883; July 18.
- Zearing, Roy W. (See Young, G. M., Bowers, and Zearing.)
- Zech, Alfred. (See Jacobs, C. E., and Zech.)
- Zecher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Installation suitable for the irradiation of substances with ultra-violet light. 1,906,038; Apr. 25.
- Zecher, Gustav, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge device. 1,906,039; Apr. 25.
- Zecher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Device suitable for the irradiation of substances with ultra-violet rays. 1,929,910; Oct. 10.
- Zecher, Gustav, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Electric discharge tube. 1,930,070; Oct. 10.
- Zecher, Gustav, and C. H. G. Mellema, Eindhoven, Netherlands, assignors, by mesne assignments, to General Electric Company. Electric discharge tube energizing circuit. 1,895,361; Jan. 24.
- Zecher, Gustav, and J. Bruijnes, Eindhoven, Netherlands, assignors, by mesne assignments, to General Electric Company. Electrode in discharge tubes. 1,906,037; Apr. 25.
- Zeh, Ludwig. (See Bollweg, B., Zeh, and Kramer.)
- Zeh, Ludwig. (See Kramer, E., Bollweg, and Zeh.)
- Zehner, James L. (See Acheson, M. A., and Zehner.)
- Zeichner, John, and J. Gura, Bronx, N. Y. Frame for hand bags. 1,936,703; Nov. 28.
- Zeidler, Reinhold C., assignor to Long Manufacturing Company, Detroit, Mich. Lock for screw threaded devices. 1,896,388; Feb. 7.
- Zeier, Frederick F. (See Hacklander, H., and Zeier.)
- Zeier, Frederick F. (See Rubel, C. F., and Zeier.)
- Zeier, Frederick F., assignor to Union Special Machine Company, Chicago, Ill. Loop mechanism for sewing machines. 1,899,786; Feb. 28.
- Zeier, Frederick F., assignor to Union Special Machine Company, Chicago, Ill. Feeding mechanism for flat bed machines. 1,929,299; Oct. 3.
- Zeier, Frederick F., Chicago, and Landauer P. Edmiston, Maywood, assignors to Union Special Machine Company, Chicago, Ill. Loop mechanism for sewing machines. 1,912,959; June 6.
- Zeier, Frederick F., Chicago, and A. H. Stieg, Des Plaines, assignors to Union Special Machine Company, Chicago, Ill. Fabric trimming and thread laying mechanism for sewing machines. 1,933,033; Oct. 31.
- Zeigler, Clarence C., Maplewood, N. J., assignor to Swift & Company, Chicago, Ill. New gelatine product and preparing the same. 1,896,049; Jan. 31.
- Zeigler, Clarence C., Maplewood, N. J., assignor to Swift & Company, Chicago, Ill. Gelatin product and preparing the same. 1,929,732; Oct. 10.

- Zeisberg, Fred C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitric acid concentration. 1,928,749; Oct. 3.
- Zeiss, Carl. (See Dischinger, Franz, assignor.)
- Zeiss, Carl. (See Dischinger, F., and Finsterwalder, assignors.)
- Zeiss, Carl. (See Eppenstein, Otto, assignor.)
- Zeiss, Carl, the Firm. (See Gundlach, Karl, assignor.)
- Zeiss, Carl, the Firm of. (See Hartinger, Hans, assignor.)
- Zeiss, Carl, the Firm. (See Henkel, W., and Meyer, assignors.)
- Zeiss, Carl, the Firm. (See König, Albert, assignor.)
- Zeiss, Carl, the Firm. (See Nichterlein, Paul, assignor.)
- Zeiss, Carl, the Firm. (See Pfau, Friedrich, assignor.)
- Zeiss, Carl, the Firm. (See Scharff, Franz, assignor.)
- Zeiss, Carl, Firm of. (See Steine, Adolf, assignor.)
- Zeiss, Carl, the Firm. (See Straubel, Harald, assignor.)
- Zeiss, Carl, the Firm. (See Straubel, Rudolf, assignor.)
- Zeiss, Firm Carl. (See Baue-sfeld, W., and von Gruber, assignors.)
- Zeiss, Firm Carl. (See Bischoff, Werner, assignor.)
- Zeiss, Firm Carl. (See Fertsch, F., and Hartinger, assignors.)
- Zeiss, Firm, Carl. (See König, Albert, assignor.)
- Zeiss, Firm Carl. (See Mechau, Robert, assignor.)
- Zeiss, Firm Carl. (See Richter, Robert, assignor.)
- Zeiss, Firm Carl. (See Traenkle, Karl A., assignor.)
- Zeiss Ikon Aktiengesellschaft. (See Busse, Ernst, assignor.)
- Zeissel, Fred, et al. (See Heigl, Ludwig, assignor.)
- Zeitfuchs, Edward H., and H. N. Herrick, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Acid bottle for well surveying. 1,892,922; Jan. 3.
- Zelcer, Felix W., New York, N. Y. Gear shifting mechanism. 1,894,970; Jan. 24.
- Zelenka, Joseph J., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming molded articles. 1,904,845; Apr. 18.
- Zeletzky, Willy, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system. 1,935,342; Nov. 14.
- Zell, David H., Brooklyn, N. Y. Container. 1,924,897; Aug. 29.
- Zell, David H., Brooklyn, N. Y. Vanity case and analogous article. 1,931,216; Oct. 17.
- Zell, Lucian M., Essex County, N. J. Jewel and setting therefor. 1,904,259; Apr. 18.
- Zeller, Anthony. (See Long, Eldridge E., assignor.)
- Zellers, John A. (See Rand, J. H., jr., and Zellers.)
- Zellhoefer, Glenn F., Bloomington, Ill. Regenerative refrigerating system. 1,895,698; Jan. 31.
- Zellhoefer, Glenn F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Float actuated pump valve. 1,893,066; Jan. 3.
- Zellman, Rudolf, Radebeul-Dresden, assignor to Chemische Fabrik von Heyden, A. G., Dresden, Germany. Thorium dioxide sol and making the same. 1,918,884; July 18.
- Zellmann, Rudolf, assignor to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Therapeutic silica compounds, and making the same. 1,920,492; Aug. 1.
- Zellmann, Rudolf, assignor to Chemische Fabrik von Heyden, A. G., Radebeul near Dresden, Germany. Mass resembling ivory and making the same. 1,922,007; Aug. 8.
- Zellstoffabrik-Waldhof. (See Bernstein, Arnold, assignor.)
- Zellstoffabrik Waldhof. (See Hottenroth, V., and Faust, assignors.)
- Zellstoffabrik Waldhof. (See Müller-Clemm, Hellmuth, assignor.)
- Zellstoffabrik Waldhof Mannheim Waldhof. (See Claus, W., and Schmidt, assignors.)
- Zellweger, Walter. (See Hughes, T. B., and Zellweger.)
- Zelony, Emanuel M. (See Cloud, Raymond T., assignor.)
- Zelov, Victor I. (See Burmist, John C., assignor.)
- Zelov, Victor I., Rosemont, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature indicating device. 1,928,278; Sept. 26.
- Zeman, Merton W., Lakewood, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Continuous core making machine. 1,910,417; May 23.
- Zemke, Heinrich, Berlin, Germany. Washing machine. 1,912,237; May 30.
- Zemplén, Géza, assignor to Tres Gyogyszer-Vegyeszeti Ipari és Kereskedelmi V. T., Budapest, Hungary. Production of tetra-acyl-glycocholyt thujylamines. 1,909,388; May 16.
- Zenith-Detroit Corporation. (See Westcott, Brayton W., assignor.)
- Zenith Heater Company. (See Sorensen, John T., assignor.)
- Zenith Radio Corporation. (See Schaefer, Joseph M., assignor.)
- Zenker, Oscar E., Glendale, assignor to Reliance Bronze & Steel Corporation, Brooklyn, N. Y. Door frame. 1,932,300; Oct. 24.
- Zenkner, Arthur, assignor to Landis & Gyr, A-G., Zug, Switzerland. Resonant control device. 1,906,299; May 2.
- Zenker, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph. 1,937,376; Nov. 28.
- Zenobia Company. (See Herstein, Karl M., assignor.)
- Zenobia Co. Inc. (See Zaloom, Joseph A., assignor.)
- Zent, Wayne P., Troy, N. Y. Railway gate. 1,911,417; May 30.
- Zenz, John and H. R. Kennedy, Los Angeles, Calif., said Zenz assignor to said Kennedy. Vehicle brake tester. 1,894,916; Jan. 17.
- Zenz, John, and H. R. Kennedy, Los Angeles, Calif.; said Zenz assignor to said Kennedy. Brake tester. 1,903,020; Mar. 28.
- Zepler, Erich. (See Gullner, G., and Zepler.)
- Zeratsky, August W. (See Starch, Benjamin S., assignor.)
- Zerbe, Carl. (See Spilker, A., and Zerbe.)
- Zerbe, Lewis E. (See Faulkner, D. S., and Zerbe.)
- Zerbe, Lewis E. (See Rice, A. E., and Zerbe.)
- Zerbe, Lewis E., Moneta, Calif. Crown hoist. 1,939,755; Dec. 19.
- Zerbe, Lewis E., Moneta, Calif., assignor to The National Supply Company, Toledo, Ohio. Gripping mechanism for rotary drilling machines. 1,897,564; Feb. 14.
- Zerby, Arthur W., Reading, Pa. Frog forming insert for hosiery boxes. 1,899,070; Feb. 28.
- Zerk, Oscar U., Chicago, Ill. Universal panoramic tripod head. 1,894,456; Jan. 17.
- Zerk, Oscar U., Chicago, Ill. Supporting means. 1,894,457; Jan. 17.
- Zerk, Oscar U., Cleveland, Ohio. Shaft and spindle bearing. 1,924,586; Aug. 29.
- Zerk, Oscar U., Cleveland, Ohio. Spring shackle mechanism. 1,924,587; Aug. 29.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,899,071; Feb. 28.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Resistance unit. 1,899,251; Feb. 28.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,908,468; May 9.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,912,238; May 30.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,912,239; May 30.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,912,240; May 30.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Making lubricating nipples. 1,912,750; June 6.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,923,408; Aug. 22.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Centralized lubricating system. 1,923,470; Aug. 22.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Pump for centralized lubricating systems. 1,924,673; Aug. 29.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,924,674; Aug. 29.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating system and method. 1,926,418; Sept. 12.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,928,824; Oct. 3.
- Zerk, Oscar U., Cleveland, Ohio. Universal joint for tie rods and the like. 1,928,919; Oct. 3.
- Zerk, Oscar U., Chicago, Ill. Universal joint. 1,928,920; Oct. 3.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating means. 1,929,764; Oct. 10.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,929,765; Oct. 10.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,931,121; Oct. 17.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Lubricating apparatus. 1,931,122; Oct. 17.
- Zerk, Oscar U., Cleveland, Ohio. Spring eye joint. 1,931,945; Oct. 24.
- Zerk, Oscar U., Cleveland, Ohio. Brake drum cover. 1,931,946; Oct. 24.
- Zerk, Oscar U., assignor to Alemite Corporation, Chicago, Ill. Grease-feeding device. 1,931,973; Oct. 24.
- Zerk, Oscar U., Cleveland, Ohio. Wheel attaching means. 1,937,051; Nov. 28.
- Zero Ice Corporation. (See Cordrey, Almon J., assignor.)
- Zero Plate Corporation. (See Booth, John S., assignor.)
- Zerozone, Incorporated. (See Bihl, W. E., and Ramclaw, assignors.)
- Zerozone, Incorporated. (See Ramclaw, Axel, assignor.)
- Zeruneth, Rudolf E., Camden, N. J. Anvil blade for wire stitching machines. 1,893,664; Jan. 10.
- Zervas, Paul, Cologne-Mülheim, and H. Clingenstein, Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azodyestuff. 1,921,338; Aug. 8.
- Zerweck, Werner. (See Herz, R., and Zerweck.)
- Zerweck, Werner. (See Thiess, K., Neissner, Zerweck, and Runne.)
- Zerweck, Werner, and W. Hechtenberg, Frankfurt-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 6-arylamino-2-hydroxy-naphthalenes and making same. 1,906,894; May 2.
- Zerweck, Werner, and C. Schütz, Frankfurt-on-the-Main-Fechenheim, A. Carl, Cologne-on-the-Rhine, and J. Rosenbach, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuff insoluble in water. 1,940,068; Dec. 19.
- Zerzow, William G., Buffalo, N. Y. Filter. 1,896,655; Feb. 7.

- Zesewitz, John H., Philadelphia, Pa. Steering mechanism for automotive vehicles. 1,929,342; Oct. 3.
- Zeta-Bauweise G. m. b. H. (See Sander, O., and König, assignors.)
- Zetmeir, Emil A., Topeka, Kans. Window construction. 1,905,024; Apr. 25.
- Zettler, Emil R., Chicago, Ill. Medal or medallion. Des. 90,162; June 20.
- Zeys, Werner, Berlin-Charlottenburg, and K. Niemann, Berlin, assignors to the Firm Siemens-Reiniger-Velfa, Gesellschaft für Medizinische, Technik m. b. H., Berlin, Germany. X-ray apparatus. 1,907,640; May 9.
- Zick, Alois. (See Dieke, H., and Zick.)
- Zicke, Antonio, San Francisco, Calif. Electric sign. Des. 89,065; Jan. 17.
- Zide, Samuel, New York, N. Y. Shoe. 1,902,503; Mar. 21.
- Zide, Samuel, Brooklyn, N. Y. Nonfloatable shank and securing same in a shoe. 1,928,989; Oct. 3.
- Ziebarth, Arthur D. (See Nicholls, W. H., and Ziebarth.)
- Ziebarth, John E., St. Marys, Ohio. Apparatus for playing croquet. 1,936,220; Nov. 21.
- Ziege, Karl, Berlin, Germany, assignor to Addressograph Company, Wilmington, Del. Sheet feeding mechanism for printing machines. 1,905,548; Apr. 25.
- Ziegler, Charles E., assignor to Clinical Supplies, Incorporated, Pittsburgh, Pa. Ointment applying syringe. 1,923,409; Aug. 22.
- Ziegler, Charles E., assignor to Clinical Supplies, Incorporated, Pittsburgh, Pa. Irrigator. 1,928,608; Sept. 12.
- Ziegler, Fritz, jr. (See Jenkins, William C., assignor.)
- Ziegler, George J., assignor of one-half to Charles J. Heyler, Los Angeles, Calif. Clutch. 1,915,772; June 27.
- Ziegler, Harold B., assignor of one-half to Dell Baker, Shawnee, Okla. Back pressure valve for drill pipe testing. 1,910,079; May 23.
- Ziegler, Herman, Maspeth, N. Y. Artificial marble or stone. 1,935,535; Nov. 14.
- Ziegler, Julius F., Vienna, Austria. Supporting plane for aircraft. 1,915,481; June 27.
- Ziegler, Paul F., Evanston, and H. E. Simmons, Chicago, Ill., assignors to The Kendall Company, Boston, Mass. Chemical heating composition and producing heat. 1,910,874; May 23.
- Ziegler, Walter L., and J. W. Durnell, Long Beach, Calif. Valve lifter. 1,892,824; Jan. 3.
- Ziehl, Gustav H., Rodenkirchen, Germany. Drawer guide. 1,902,748; Mar. 21.
- Zielinski, John, and A. Levinson, Chicago, Ill. Door and window closer. 1,925,945; Sept. 5.
- Zielke, Edward F., et al. (See Huber, Frank X., assignor.)
- Zielke, Otto H., et al. (See Huber, Frank X., assignor.)
- Ziemerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display. 1,931,521; Oct. 24.
- Zierdt, Conrad H. (See Lucas, S. M., and Zierdt.)
- Zierdt, Conrad H., Rosedale, assignor to The Union Switch & Signal Company, Swissvale, Pa. Reluctance controlling means. 1,896,436; Feb. 7.
- Zierdt, Conrad H., Rosedale, Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Voltage regulating apparatus. 1,920,618; Aug. 1.
- Zieschang, Gustav H., Morristown, N. J., assignor to American Telephone and Telegraph Company. Mounting for books and the like. 1,936,704; Nov. 28.
- Zieser, Waldemar, Leverkusen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Hard rubber like masses. 1,932,390; Oct. 31.
- Ziganek, Ferdinand, assignor to Snax Automatic Stores, Incorporated, Detroit, Mich. Slug detecting mechanism. 1,940,039; Dec. 19.
- Zikesch, Herbert, assignor to Buttner-Werke A-G Uerdinger-on-the-Rhine, Germany. Burner for coal dust firing. 1,910,735; May 23.
- Zilen, Victor W., Buffalo, N. Y. Draw works. 1,920,928; Aug. 1.
- Zilen, Victor W., Buffalo, N. Y., assignor to American Well and Prospecting Company, Corsicana, Tex. Rotary. 1,929,183; Oct. 3.
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zimarik, John, Akron, Ohio, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Hosiery press. 1,894,435; Jan. 17.
- Zimarik, John, Akron, Ohio, assignor, by mesne assignments, to The Prosperity Company Inc., Syracuse, N. Y. Press. 1,895,958; Jan. 31.
- Zimber, Raymond M., Bloomfield, and L. A. Hawthorne, Newark, assignors to Deforest Radio Company, Jersey City, N. J. Machine for sealing. 1,924,532; Aug. 29.
- Zimber, Raymond M., Bloomfield, assignor to De Forest Radio Company, Passaic, N. J. Cleaning and scraping method and apparatus. 1,930,219; Oct. 10.
- Zimic, Michael, Forest Hills West, N. Y. Knitting machine. 1,940,520; Dec. 19.
- Zimmer, Ford C., Fort Wayne, Ind., assignor to General Electric Company. Metal surface finish. 1,930,331; Oct. 10.
- Zimmer, Frederick A., Woodston, Kans. Game. 1,907,412; May 2.
- Zimmer Manufacturing Company. (See Ettinger, Joe J., assignor.)
- Zimmer, Otto, M.-Gladbach, Germany. Corner holder. 1,895,599; Jan. 31.
- Zimmerer, Mark E., assignor to Kingston Products Corporation, Kokomo, Ind. Rotary pump. 1,923,291; Aug. 22.
- Zimmerli, Adolph, New Brunswick, N. J., assignor to Acetol Products, Inc. Isolation of ergosterol. 1,893,317; Jan. 3.
- Zimmerli, William F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Metallurgical process. 1,937,934; Dec. 5.
- Zimmerli, William F., Fairlawn, and R. S. Havenhill, Akron, Ohio, assignors of one half to The B. F. Goodrich Company, New York, N. Y., and one half to Chrysler Corporation, Highland Park, Mich. Adhesive composition and making same. 1,937,861; Dec. 5.
- Zimmerman, Alfred G., et al. (See Dillman, George L., assignor.)
- Zimmerman, Archie C., Los Angeles, Calif. Building construction. 1,894,528; Jan. 17.
- Zimmerman, Arthur C. (See O'Brien, W. L., and Zimmerman.)
- Zimmerman, Beulah B. (See Zimmerman, Harry, assignor.)
- Zimmerman, Ervin H. (See Hill, T., and Zimmerman.)
- Zimmerman, Frank M., Aurora, Ill. Shelving. 1,930,787; Oct. 17.
- Zimmerman, Frank M., Aurora, Ill. Sheet metal shelving. 1,937,935; Dec. 5.
- Zimmerman, Frank R., Duluth, Minn., and I. J. Lyons, Grand Rapids, Mich. Grapple. 1,935,898; Nov. 21.
- Zimmerman, Harry, assignor to Beulah B. Zimmerman, Toronto, Ontario, Canada. Buffing wheel blank plies. 1,899,252; Feb. 28.
- Zimmerman, Harry, assignor to B. B. Zimmerman, Toronto, Ontario, Canada. Buffing wheel. 1,927,862; Sept. 26.
- Zimmerman, Herman W. (See Wacker, F. G., and Zimmerman.)
- Zimmerman, Herman W., Chicago, Ill. Key holder. 1,927,195; Sept. 19.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Tool for turning and undercutting armatures. 1,923,410; Aug. 22.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool. 1,925,709; Sept. 5.
- Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Piston pin bearing bone. 1,936,612; Nov. 28.
- Zimmerman, James G., assignor to Burgess Battery Company, Madison, Wis. Coating composition for dry cells. 1,892,691; Jan. 3.
- Zimmerman, James G., assignor to Burgess Battery Company, Madison, Wis. Dry cell. 1,892,692; Jan. 3.
- Zimmerman, James G., assignor, by mesne assignments, to Burgess Battery Co., Madison, Wis. Dry battery. 1,916,709; July 4.
- Zimmerman, Otto H., et al. (See Reichmann, Wilhelm, assignor.)
- Zimmerman, Paul. (See Boynton, A. J., and Zimmerman.)
- Zimmerman, Ralph W., Chicago, Ill. Cell door locking means. 1,925,165; Sept. 5.
- Zimmerman, Ralph W., Winnetka, Ill., assignor to The William Bayley Company, Springfield, Ohio. Attaching a screen. 1,931,786; Oct. 24.
- Zimmerman, Rufus E., Pittsburgh, Pa., assignor to American Sheet and Tin Plate Company. Treating ferrous sheets and plates. 1,933,519; Oct. 31.
- Zimmerman, William, Philadelphia, Pa. Textile fabric. Des. 89,855; May 9.
- Zimmermann, Georg, Mannheim-Rheinau, Germany, assignor to Prodorite S. A., Geneva, Switzerland. Bituminous and like compositions. 1,901,792; Mar. 14.
- Zimmermann, Gustav, Dusseldorf, Germany. Molding apparatus. 1,905,357; Apr. 25.
- Zimmermann, Gustav, Dusseldorf, Germany. Lowering device in molding machines. 1,905,358; Apr. 25.
- Zimmermann & Jansen, G. m. b. H. (See Scholl, Bernhard, assignor.)
- Zimmermann, Max, Leverkusen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Preparing alkali metal fluorides. 1,927,108; Sept. 19.
- Zimmermann, Max E., assignor of one-half to K. Schumacher, Los Angeles, Calif. Cover gripping device. 1,900,478; Mar. 7.
- Zimmermann, Paul. (See Boynton, A. J., and Zimmermann.)
- Zimmermann, Wilhelm, Friedrichsfeld, and W. Frankenburg, Ludwigshafen-on-the-Rhine, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Production of vitamin D. 1,896,191; Feb. 7.
- Zimmers, Joseph B., et al. (See Hall, William J., assignor.)
- Zimmers, Joseph B., et al. (See Herron, Ollie L., assignor.)
- Zimmers, Wilma M., et al. (See Herron, Ollie L., assignor.)
- Zimmon, Max E. (See Levin, Louis, assignor.)
- Zingg, Oskar, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electric furnace. 1,932,567; Oct. 31.
- Zingg, William W., Chicago, Ill., assignor to The Columbia Mills, Inc., Saginaw, Mich. Universal center support for Venetian blind head rails. 1,917,416; July 11.

- Zingheim, Francis L., San Jose, Calif. Saw setting machine. 1,924,481; Aug. 29.
- Zingone, Anthony B., New York, N. Y. Multiple hair-drying apparatus. 1,931,339; Oct. 17.
- Zink, Emmett K., West Somerville, Mass. Bilge log. 1,894,211; Jan. 10.
- Zink, William L., Aurora, Ill. Safety device for power-take-off shafts. 1,898,113; Feb. 21.
- Zink, William L., Aurora, Ill. Power-take-off safety device. 1,898,114; Feb. 21.
- Zinke, Alois. (See Pongratz, A., and Zinke.)
- Zinkil, Roy H., Chicago, and L. B. Stine, Niles Center, assignors to Crane Co., Chicago, Ill. Aspirator. 1,893,724; Jan. 10.
- Zinn, Frank W. (See Thibodeau, Christopher G., assignor.)
- Zinn, Manvel K., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Phantom telephone circuit. 1,894,335; Jan. 17.
- Zinnamon, William W., Tulsa, Okla. Carburetor. 1,918,168; July 11.
- Zinno, Frank D., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Apparatus for pouring molten-metal. 1,905,204; Apr. 25.
- Zinselmeyer, Walter, Remscheid-Lennep, assignor to the Firm Barmer Maschinenfabrik A.-G., Wuppertal-Oberbarmen, Germany. Bobbin spinning machine for the manufacture of artificial silk. 1,924,012; Aug. 22.
- Zint, George, Wapakoneta, Ohio. Rotary steam engine. 1,900,784; Mar. 7.
- Zipperer, John C., Evanston, Ill. Power driven mortising tool. 1,906,783; May 2.
- Zipprian, Hans. (See Heinrich, R., and Zipprian.)
- Zisch, Walter, Frankfort-on-the-Main, Germany. Manufacturing oxygen evolving preparation. 1,924,145; Aug. 29.
- Zisch, Walter, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Purification of air. 1,922,187; Aug. 15.
- Ziska, Adam, Jr., assignor to A. O. Smith Corporation, Milwaukee, Wis. Arc welding apparatus. 1,895,699; Jan. 31.
- Ziska, Adam, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Offsetting press. 1,921,210; Aug. 8.
- Zitkowski, Emil C., San Fernando, P. I. Automatic continuous liming device. 1,922,411; Aug. 15.
- Zitscher, Arthur. (See Laska, L., and Zitscher.)
- Zitscher, Arthur. (See Laska, L., Zitscher, and Koch.)
- Zitscher, Arthur, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs insoluble in water and fiber dyed therewith. 1,915,461; June 27.
- Zitscher, Arthur, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Process for making 6-bromo-2-hydroxy-naphthalene-3-carboxylic acid. 1,923,248; Aug. 22.
- Zitscher, Arthur, Offenbach-on-the-Main, H. Morschel, Cologne-deutz, and W. Luce, Hofheim-on-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivatives of 2,3-hydroxynaphthoic acid arylides. 1,935,930; Nov. 21.
- Zitscher, Arthur, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo-dyestuffs and fiber dyed therewith. 1,937,181; Nov. 28.
- Zitscher, Arthur, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diazo sulfonates of the diarylamine series. 1,897,410; Feb. 14.
- Zitscher, Arthur, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diazo-sulphonates. 1,909,851; May 16.
- Zitscher, Arthur, W. Seidenfaden, and K. Jellinek, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. New dyeing preparations and its conversion to dyestuffs. 1,920,542; Aug. 1.
- Zitscher, Arthur, Wilhelm Seidenfaden, and K. Jellinek, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydrazine sulfonates of the diarylamine series. 1,932,152; Oct. 24.
- Zitzman, Adolph W., Chicago, Ill. Confection support and toy. 1,936,816; Nov. 28.
- Zobel, Friedrich, and M. Luther, Mannheim, Germany, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of acetaldehyde. 1,926,575; Sept. 12.
- Zoeller, Walter E. (See Vort, C. W., and Zoeller.)
- Zoerb, John E., Eureka, S. Dak. Dispensing nozzle. 1,920,047; July 25.
- Zola, John C., Tarentum, Pa., assignor to Duplate Corporation. Laminated glass. 1,900,536; Mar. 7.
- Zola, John C., Tarentum, Pa., assignor to Duplate Corporation. Laminated glass and making the same. 1,908,004; May 9.
- Zola, John C., Tarentum, Pa., assignor to Duplate Corporation. Laminated glass and making it. 1,920,619; Aug. 1.
- Zollars, Louise, Hollywood, Calif. Hair drier. 1,914,820; June 20.
- Zoller, Arnold, Berlin, Germany. Rotary compressor. 1,940,384; Dec. 19.
- Zoller, Fred M. (See St. Maur, John B., assignor.)
- Zons, Frederick W., New York, N. Y. Luminescent tube and manufacturing same. 1,912,680; June 6.
- Zook, Dott E., Chicago, Ill. Machine for measuring body volume. 1,901,687; Mar. 14.
- Zook, Erie T., Casper, Wyo. Trap. 1,893,974; Jan. 10.
- Zook, John S. (See Schulte, W. B., and Zook.)
- Zook, John S., assignor to Burgess Battery Company, Madison, Wis. Battery hand lamp. 1,897,627; Feb. 14.
- Zopp, August, Modling near Vienna, Austria. Induction motor. 1,897,184; Feb. 14.
- Zorn, George A. (See Fischer, J. J., Zorn, and Harris.)
- Zorn, Hermann. (See Klein, H., Kaehler, and Zorn.)
- Zorn, Hermann. (See Mittasch, A., and Zorn.)
- Zorn, Hermann. (See Pungs, W., Rabe and Zorn.)
- Zorzi, Carlo, Milan, Italy. Electrical machine. 1,908,620; May 9.
- Zotos Corporation. (See Evans, Ralph L., assignor.)
- Zotos Corporation. (See Evans, R. L., and Winkel, assignors.)
- Zotos Corporation. (See McDonough, Everett G., assignor.)
- Zotos Corporation. (See Seward, Robert B., assignor.)
- Zotos, Georg, Berlin, Germany. Distillation retort. 1,897,877; Feb. 14.
- Zottoll, Anthony M., Quincy, Mass. Making building material. 1,893,607; Jan. 10.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Buffer. 1,923,134; Aug. 22.
- Zouck, George H., Orange, N. J., and W. L. De Baufre, assignors to Servel, Inc., New York, N. Y. Method of and apparatus for separating a liquid from other liquids. 1,899,878; Feb. 28.
- Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Locomotive driving box lubricator. 1,931,217; Oct. 17.
- Zouck, George H., Orange, N. J., and R. H. Shepard, Bronxville, assignors to Franklin Railway Supply Company, New York, N. Y. Grate shaking apparatus. 1,931,947; Oct. 24.
- Zove, Samuel. (See Finkel, M., Weiss, and Zove.)
- Zschau, Robert H., Cincinnati, Ohio. Voting machine. 1,916,505; July 4.
- Zschimmer, Bodo. (See Roth, H., and Zschimmer.)
- Zschimmer, Bodo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Colored lacquer. 1,912,421; June 6.
- Zschimmer, Bodo, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of color lakes. 1,912,878; June 6.
- Zschimmer, Bodo, and F. Pohl, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Color lakes. 1,921,857; Aug. 8.
- Zschoch, Fritz. (See Roekner, E., and Zschoch.)
- Zubaty, Joseph, Flint, Mich. Fuel pump. 1,902,930; Mar. 28.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Speedometer. 1,897,964; Feb. 14.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Temperature compensated speedometer. 1,897,965; Feb. 14.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Pressure gauge. 1,902,931; Mar. 28.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Instrument mounting. 1,902,932; Mar. 28.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Electric gasoline gauge. 1,902,933; Mar. 28.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Face and bezel for instruments. 1,909,739; May 16.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Odometer mechanism. 1,909,740; May 16.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Odometer. 1,913,147; June 6.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Ratchet drive for speedometers. 1,913,184; June 6.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Odometer. 1,919,493; July 25.
- Zubaty, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Tachometer. 1,922,610; Aug. 15.
- Zubaty, Joseph, and D. E. Keeney, assignors to A C Spark Plug Company, Flint, Mich. Mounting plate and face assembly. 1,897,966; Feb. 14.
- Zubaty, Joseph, and D. E. Keeney, assignors to A C Spark Plug Company, Flint, Mich. Instrument panel face assembly. 1,897,975; Feb. 14.
- Zubaty, Joseph, and L. B. Smith, assignors to A C Spark Plug Company, Flint, Mich. Decarbonizer. 1,916,506; July 4.
- Zucca, Joseph, Kingston, N. Y. Rumble seat and mechanism for operating the same. 1,895,832; Jan. 31.
- Zuck, Nicholas, Rochester, N. Y. Shoulder pad and making same. 1,895,117; Jan. 24.
- Zucker, Milton. (See Moore, C. G., and Zucker.)
- Zucker, Myron. (See Thompson, L. W., and Zucker.)
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism. 1,903,382; Apr. 4.

- Zuckerman, Adolph M., assignor to R. Hoe & Co. Inc., New York, N. Y. Associating and folding mechanism. 1,907,169; May 2.
- Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y., Irving Trust Company, receiver. Folding mechanism. 1,933,952; Nov. 7.
- Zuckerman, Roscoe C., Stockton, Calif. Distributing fertilizer in conjunction with seed planting. 1,893,512; Jan. 10.
- Zuckerman, Roscoe C., Stockton, Calif. Harvesting onions. 1,935,972; Nov. 21.
- Zuckschwerdt, Fritz, Ilmenau, Germany. Mercury switch. 1,915,462; June 27.
- Zuelke, Edward F., assignor to S. Karpen & Bros., Chicago, Ill. Couch bed. 1,928,405; Sept. 26.
- Zugermayer, Melmore, Southampton, Pa. Safety magnet switch. 1,906,121; Apr. 25.
- Zullig, Emil G., Bergenfield, N. J., assignor to Samuel Ellen, New York, N. Y. Embroidered textile fabric trimming. Des. 89,523; Mar. 21.
- Zullig, Emil G., Bergenfield, N. J., assignor to S. Ellen, New York, N. Y. Embroidered textile fabric. Des. 89,524; Mar. 21.
- Zullig, Emil G., Bergenfield, N. J., assignor to S. Ellen, New York, N. Y. Embroidered textile fabric trimmings. Des. 89,600; Apr. 11.
- Zulver, Cornelius, Great St. Helens, London, assignor of one-half to Swinney Brothers Limited, Morpeth, England. Liquid fuel burner or atomizer. 1,934,831; Nov. 14.
- Zumbro, Frank R., assignor to Frick Company, Waynesboro, Pa. Method and apparatus for making carbon dioxide ice. 1,925,619; Sept. 5.
- Zumwalt, John H., Tacoma, Wash. Method and composition for preserving wood. 1,905,327; Apr. 25.
- Zurcher, Paul. (See Miller, W., Henriksen, and Zurcher.)
- Zurcher, Paul, Florence, Colo., assignor, by mesne assignments, to Continental Oil Company, Ponca City, Okla. Revivification of carbons. 1,895,062; Jan. 24.
- Zurcher, Paul, Florence, Colo., assignor, by mesne assignments, to Continental Oil Company, Ponca City, Okla. Cracking process. 1,895,063; Jan. 24.
- Zur Löwen, Waldemar, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge. 1,907,929; May 9.
- Zur Löwen, Waldemar, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge for artificial silk. 1,940,339; Dec. 19.
- Zur Löwen, Waldemar, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge. 1,920,732; Aug. 1.
- Zur Löwen, Waldemar, Wuppertal-Barmen, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge. 1,920,733; Aug. 1.
- Zurmuhle, Ernst, Bombay, British India. Intake arrangement for internal explosion engines. 1,938,164; Dec. 5.
- Zurstadt, George J. (See Karges, H. J., and Zurstadt.)
- Zuschlag, Theodor. (See Hedstrom, Erik H., and Zuschlag.)
- Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Method and apparatus for testing rails or the like. 1,896,737; Feb. 7.
- Zuschlag, Theodor, Englewood, N. J., assignor to Swedish American Prospecting Corporation, New York, N. Y. Determination of electrical characteristics of electrical conductors. 1,910,418; May 23.
- Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Method and apparatus for measuring alternating electromotive forces and impedances. 1,917,417; July 11.
- Zuschlag, Theodor, assignor to Swedish American Prospecting Corporation, New York, N. Y. Electrical prospecting. 1,940,340; Dec. 19.
- Zwanzig, Emil, Offenbach-on-the-Main, Germany. Machine for operating on straps. 1,935,827; Nov. 21.
- Zwerdling, Rose. (See Weiss, Isidor, assignor.)
- Zwerina, Rudolf. (See Stolfa, H., and Zwerina.)
- Zwermann, Carl H., Robinson, Ill. Water-closet structure. 1,933,518; Oct. 31.
- Zwick, Walter, Berlin, estend, Germany. Piston motor. 1,917,180; July 4.
- Zwicky, Melchior, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Fashioning mechanism for full fashioned knitting machines. 1,895,777; Jan. 31.
- Zwicky, Melchior, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Carrier rod stop control arm for full fashioned knitting machines. 1,937,539; Dec. 5.
- Zwierzina, Alois J. (See Ackerman, E. L., and Zwierzina.)
- Zwietusch, Eduard O., Berlin-Steglitz, Germany, assignor to International Communications Laboratories, Inc., New York, N. Y. Telephone system. 1,920,230; Aug. 1.
- Zwikker, Cornelis, Eindhoven, Netherlands, assignor to Radio Corporation of America. Resistance. 1,931,974; Oct. 24.
- Zwilgmeyer, Frithjof, Hamburg, assignor to National Aniline Chemical Company, Inc., New York, N. Y. Trisazo dye. 1,903,021; Mar. 28.
- Zwilling, Ludwig, Walldorf in Hessen, Germany. Electric gas lighter. 1,898,418; Feb. 21.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Light sensitive tube. 1,893,573; Jan. 10.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inspection device. 1,922,188; Aug. 15.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oscillation generator. 1,930,499; Oct. 17.
- Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Photoelectric tube. 1,939,531; Dec. 12.
- Zworykin, Vladimir K., Swissvale, and H. M. Elsey, Oakmont, Pa., assignors to Westinghouse Electric and Manufacturing Company. Facsimile receiver. 1,909,142; May 16.
- Zworykin, Vladimir K., Collingswood, N. J., assignor to Westinghouse Electric & Manufacturing Company. Kerr cell. 1,939,532; Dec. 12.
- Zwoyer, Ellsworth B. A., Perth Amboy, N. J., assignor to The General Fuel Briquette Corporation, New York, N. Y. Apparatus for controlling the flow rate of liquids. 1,928,776; Oct. 3.
- Zynda, Erick O., Charles Town, W. Va. Musical fountain. 1,912,562; June 6.

LIST OF DISCLAIMERS

- Adams, Arthur H., La Grange, Ill. Disclaimer filed by the assignee, Troy Laundry Machinery Company, Inc. No. 1,771,476; disclaimer filed Apr. 21, 1933; v. 430; p. 634.
- Almquist, Milton L., Maplewood, and Albert C. Thompson, Mountain Lakes, N. J. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,855,214; disclaimer filed Aug. 29, 1933; v. 434; p. 764.
- Arnold, Harold De Forest, Maplewood, N. J. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,504,537; disclaimer filed June 24, 1933; v. 432; p. 520.
- Arthur, Albert, Cleveland, Ohio. Disclaimer filed by the patentee. No. 1,258,975; disclaimer filed Nov. 17, 1933; v. 437; p. 298.
- Austin, Arthur O., near Barborton, Ohio. Disclaimer filed by the assignee, The Ohio Brass Company. No. 1,796,431; disclaimer filed Nov. 8, 1933; v. 437; p. 1.
- Babcock, Walter F., Detroit, Mich. Disclaimer filed by the assignee, The Foote-Burt Company. No. 1,904,975; disclaimer filed Aug. 7, 1933; v. 433; p. 1088.
- Ballantine, Stuart, Mountain Lakes, N. J. Disclaimer filed by the assignee, Boonton Research Corporation. No. 1,869,331; disclaimer filed Oct. 12, 1933; v. 436; p. 8.
- Bauer, William, Neeah, Wis. Disclaimer filed by the assignee, International Cellucotton Products Co. No. 1,794,558; disclaimer filed Mar. 28, 1933; v. 429; p. 196.
- Bazeley, Arthur J., Cleveland, Ohio. Disclaimer filed by the assignee, National Malleable and Steel Castings Company. No. 1,848,689; disclaimer filed Aug. 22, 1933; v. 434; p. 528.
- Bellescize, Henri Jean Joseph Marie de Regnaud de, Paris, France. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,867,139; disclaimer filed September 30, 1933; v. 435 p. 1038.
- Bender, Howard L., Bloomfield, N. J. Disclaimer filed by the assignee, Bakelite Corporation. No. 1,717,600; disclaimer filed July 25, 1933; v. 433; p. 1087.
- Benedict, Edward L., Pittsburgh, Pa. Disclaimer filed by the assignee, Pittsburgh Steel Company. No. 1,597,507; disclaimer filed Oct. 21, 1933; v. 436; p. 309.
- Bergner, John C., Philadelphia, Pa. Disclaimer filed by the assignee, Doughnut Machine Corporation. No. 1,492,541; disclaimer filed Mar. 9, 1933; v. 429; p. 79.
- Blattner, David G., Bogota, N. J. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,483,273; disclaimer filed June 24, 1933; v. 432; p. 520.
- Breeler, Walter R., Detroit, Mich. Disclaimer filed by the assignee, Ludlum Steel Co. No. 1,831,946; disclaimer filed July 22, 1933; v. 433; p. 800.
- Buckius, Albert O., Cleveland, Ohio. Disclaimer filed by the assignee, National Malleable and Steel Castings Company. No. 1,828,312; disclaimer filed Mar. 20, 1933; v. 429; p. 80.
- Bucknam, Worthly C., Jersey City, N. J. Disclaimer filed by the assignee, Air Reduction Company, Incorporated. No. 1,324,007; disclaimer filed Feb. 18, 1933; v. 428; p. 266.
- Burgher, Clarence L., New York, N. Y. Disclaimer filed by the patentee, and the assignee, Duct Electric Heater Corporation. Re. No. 17,857; disclaimer filed Dec. 10, 1932; v. 426; p. 237.
- Bush, Earl T., Los Angeles, and Albert J. Sower, Van Nuys, Calif. Disclaimer filed by the assignee, Briggs & Stratton Corporation. No. 1,846,789; disclaimer filed Nov. 2, 1933; v. 436; p. 819.
- Byles, Frank A., Scotia, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,831,553; disclaimer filed May 22, 1933; v. 431; p. 527.
- Cady, Walter G., Middletown, Conn. Disclaimer filed by the assignee, Radio Corporation of America. Re. No. 17,357; disclaimer filed Apr. 10, 1933; v. 430; p. 321.
- Caton, Herschel, Kansas City, Eugene Caton, Rosedale, Kans., and Lloyd C. Howard, Kansas City, Mo. Disclaimer filed by the assignee, Caton Printing Company. No. 1,693,886; disclaimer filed May 13, 1933; v. 431; p. 261.
- Chase, George C., South Orange, N. J. Disclaimer filed by the assignee, Monroe Calculating Machine Company. No. 1,773,025; disclaimer filed July 19, 1933; v. 433; p. 507.
- Chilton, Roland, Ridgewood, N. J. Disclaimer filed by the patentee. No. 1,868,346; disclaimer filed Jan. 16, 1933; v. 426; p. 783.
- Cook, Joel R., Cleveland, Ohio. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,781,441; disclaimer filed Aug. 31, 1933; v. 434; p. 763.
- Crossley, Alfred, Washington, D. C. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,572,773; disclaimer filed May 5, 1933; v. 430; p. 1281.
- Crossley, Alfred, Washington, D. C. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,696,626; disclaimer filed Apr. 29, 1933; v. 430; p. 1281.
- Curtis, Leslie F., and Frank S. Coe, Springfield, Mass. Disclaimer filed by the assignee, United American Bosch Corporation. No. 1,877,228; disclaimer filed Dec. 1, 1933; v. 437; p. 866.
- Dearborn, Richard J., Summit, N. J., and George W. Gray, New York, N. Y. Disclaimer filed by the assignee, The Texas Company. No. 1,861,956; disclaimer filed July 19, 1933; v. 433; p. 507.
- Decker, George, Cleveland, Ohio. Disclaimer filed by the assignee, The Philad Company. No. 1,683,531; disclaimer filed Apr. 4, 1933; v. 429; p. 504.
- Douty, Clarence D., Altoona, Pa. Disclaimer filed by the assignee, Locomotive Lubricator Co. No. 1,219,812; disclaimer filed Sept. 15, 1933; v. 435; p. 8.
- Dunmore, Francis W., Washington, D. C. Disclaimer filed by the patentee and the exclusive licensee, Dubilier Condenser Corporation. No. 1,635,117; disclaimer filed July 8, 1933; v. 433; p. 8.
- Edge, Walter S., Pittsburgh, Pa. Disclaimer filed by the assignee, Pittsburgh Steel Company. No. 1,778,451; disclaimer filed Nov. 9, 1933; v. 437; p. 298.
- Einstein, Sol, Cincinnati, Ohio. Disclaimer filed by the assignee, The Heald Machine Company. No. 1,772,932; disclaimer filed Dec. 6, 1933; v. 437; p. 864.
- Einstein, Sol, Cincinnati, Ohio. Disclaimer filed by the assignee, The Heald Machine Company. No. 1,779,467; disclaimer filed Dec. 6, 1933; v. 437; p. 866.
- Ericson, George R., St. Louis, Mo. Disclaimer filed by the patentee. No. 1,905,931; disclaimer filed Apr. 24, 1933; v. 430; p. 634.
- Fehr, Roy B., Detroit, Mich. Disclaimer filed by the assignee, Gear Processing, Inc. No. 1,813,875; disclaimer filed Sept. 19, 1933; v. 435; p. 221.
- Fink, Harry L., New York, N. Y. Disclaimer filed by the patentee. No. 1,888,031; disclaimer filed Oct. 27, 1933; v. 436; p. 553.
- Flick, Fulton B., New Kensington, Pa. Disclaimer filed by the assignee, Aluminum Colors Incorporated. No. 1,526,127; disclaimer filed May 29, 1933; v. 431; p. 783.
- Franklin, Oliver M., Amarillo, Tex. Disclaimer filed by the assignee, The O. M. Franklin Blackleg Serum Company. No. 1,511,557; disclaimer filed Oct. 2, 1933; v. 435; p. 1037.
- Frederickson, Otto A., Wethersfield, Conn. Disclaimer filed by the patentee, assignee, National Electric Products Corporation, acquiescing. No. 1,687,013; disclaimer filed Dec. 8, 1932; v. 426; p. 8.
- Frederickson, Otto Arthur, Ben Avon, Pa. Disclaimer filed by the patentee, assignee, National Electric Products Corporation, acquiescing. No. 1,801,549; disclaimer filed Dec. 8, 1932; v. 426; p. 8.
- Friendly, Herbert M., Portland, Oreg. Disclaimer filed by Milton S. Friendly and Central Republic Trust Company, as co-executors of Herbert M. Friendly, deceased. No. 1,441,791; disclaimer filed Oct. 9, 1933; v. 435; p. 1037.
- Friendly, Herbert M., Chicago, Ill. Disclaimer filed by Milton S. Friendly and the Central Republic Trust Company, as co-executors of the estate of Herbert M. Friendly, deceased. No. 1,744,696; disclaimer filed Oct. 9, 1933; v. 435; p. 1037.
- Friendly, Herbert M., Chicago, Ill. Disclaimer filed by Milton S. Friendly and the Central Republic Trust Company, as co-executors of the estate of Herbert M. Friendly, deceased. No. 1,800,787; disclaimer filed Oct. 9, 1933; v. 435; p. 1037.
- Friendly, Herbert M., Chicago, Ill. Disclaimer filed by Milton S. Friendly and the Central Republic Trust Company, as co-executors of the estate of Herbert M. Friendly, deceased. No. 1,806,288; disclaimer filed Oct. 9, 1933; v. 436; p. 8.
- Galassi, Pasquale, New York, N. Y. Disclaimer filed by the patentee. No. 1,813,736; disclaimer filed Dec. 28, 1932; v. 426; p. 783.
- Gautier, Trevor R., and Harold E. Nichols, Nashua, N. H. Disclaimer filed by the assignee, Nashua Gummed and Coated Paper Company. No. 1,732,636; disclaimer filed Aug. 17, 1933; v. 434; p. 8.
- Gilson, Robert M., Pittsburgh, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,833,521; disclaimer filed June 22, 1933; v. 432; p. 520.
- Graves, George D., Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours & Company. No. 1,794,453; disclaimer filed July 1, 1933; v. 433; p. 10.
- Gray, Charles B., Milbourne, Pa. Disclaimer filed by the patentee. No. 1,883,713; disclaimer filed Apr. 27, 1933; v. 430; p. 1281.
- Greene, Albert E., Seattle, Wash. Disclaimer filed by the patentee. No. 1,449,319; disclaimer filed Oct. 3, 1933; v. 435; p. 1037.
- Haglund, Hakon H., Flushing, N. Y. Disclaimer filed by the patentee, assignee, The Western Union Telegraph Company, assenting. No. 1,856,331; disclaimer filed Nov. 2, 1933; v. 437; p. 1.

- Hall, Chester I., Fort Wayne, Ind. Disclaimer filed by the assignee, General Electric Company. No. 1,683,132; disclaimer filed Aug. 18, 1933; v. 434; p. 527.
- Halpern, David, Brooklyn, N. Y. Disclaimer filed by the assignee, The Philad. Company. No. 1,673,942; disclaimer filed Apr. 4, 1933; v. 429; p. 504.
- Harbison, Clarence B., Lima, Ohio. Disclaimer filed by the patentee, and the assignee, The Ohio Steel Foundry Company. No. 1,862,748; disclaimer filed Sept. 7, 1933; v. 434; p. 764.
- Harrison, Ward, and John H. Waterbury, Cleveland, Ohio. Disclaimer filed by the assignee, The Miller Company. No. 1,536,844; disclaimer filed Dec. 22, 1932; v. 426; p. 459.
- Haug, Anton J., Nashua, N. H. Disclaimer filed by the patentee. No. 1,533,410; disclaimer filed Dec. 14, 1932; v. 426; p. 237.
- Hayden, Benjamin F., St. Louis, Mo. Disclaimer filed by the assignee, Good Roads Company, Inc. No. 1,715,325; disclaimer filed Aug. 9, 1933; v. 434; p. 8.
- Hentschel, Ernest R., Washington, D. C. Disclaimer filed by the assignee, Wired Radio Inc. No. 1,835,395; disclaimer filed Aug. 2, 1933; v. 433; p. 1088.
- Herman, Joseph, New York, N. Y. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,626,731; disclaimer filed Nov. 2, 1933; v. 436; p. 819.
- Howard, Lemuel F., Edgewood Borough, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,604,556; disclaimer filed June 22, 1933; v. 432; p. 520.
- Ingersoll, Howard L., White Plains, N. Y. Disclaimer filed by the patentee, and the assignees, Locomotive Booster Company, and Franklin Railway Supply Company. No. 1,375,293; disclaimer filed Apr. 5, 1933; v. 430; p. 17.
- Janson, George W., Nutley, N. J. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 1,814,931; disclaimer filed June 24, 1933; v. 432; p. 760.
- Jensen, Louis, Chicago, Ill. Disclaimer filed by the assignee, United Autographic Register Co. No. 1,791,212; disclaimer filed Nov. 25, 1933; v. 437; p. 573.
- Johnson, John Kelly, Hartsdale, N. Y. Disclaimer filed by the patentee, assignee, Hazeltine Corporation, consenting. No. 1,855,054; disclaimer filed Feb. 23, 1933; v. 428; p. 266.
- Johnson, John Kelly, Hartsdale, N. Y. Disclaimer filed by the patentee, assignee, Hazeltine Corporation, consenting. No. 1,855,054; disclaimer filed May 6, 1933; v. 431; p. 10.
- Johnson, Otis, San Francisco, Calif. Disclaimer filed by the assignee, I. F. Laucks, Inc. Re. No. 1,642,22; disclaimer filed Nov. 17, 1933; v. 437; p. 298.
- Jones, Edwin A., Milwaukee, Wis. Disclaimer filed by the assignee, L. J. Mueller Furnace Company. Re. No. 1,781,7; disclaimer filed June 16, 1933; v. 432; p. 268.
- Kern, Emil, Flushing, N. Y. Disclaimer filed by the assignee, Acco Products, Inc. No. 1,832,935; disclaimer filed Oct. 23, 1933; v. 436; p. 310.
- Kienle, Roy H., Schenectady, and William J. Scheiber, Troy, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,812,749; disclaimer filed Feb. 28, 1933; v. 429; p. 80.
- Kinsley, Carl, Scarsdale, N. Y. Disclaimer filed by the assignee, Magnetic Analysis Corporation. No. 1,813,746; disclaimer filed May 20, 1933; v. 431; p. 527.
- Knauss, Edward, Florin, Calif., and Herman G. Adler, Brooklyn, N. Y. Disclaimer filed by the assignee, Handy Governor Corporation. No. 1,670,365; disclaimer filed July 31, 1933; v. 433; p. 1087.
- Krueger, Theodore H., New York, N. Y. Disclaimer filed by the assignee, Better Packages, Inc. No. 1,194,752; disclaimer filed Jan. 24, 1933; v. 427; p. 264.
- Lacy, Samuel Burritt, Red Bank, N. J. Disclaimer filed by the assignee, E. I. du Pont de Nemours & Company. No. 1,608,700; disclaimer filed Sept. 22, 1933; v. 435; p. 493.
- Laird, Wilbur G., New York, N. Y. Disclaimer filed by the patentee. No. 1,825,962; disclaimer filed June 13, 1933; v. 432; p. 268.
- Legg, Joseph W., Wilkesburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,531,668; disclaimer filed Feb. 28, 1933; v. 429; p. 79.
- Levy, Oscar C., Chicago, Ill. Disclaimer filed by the patentee, assignee, Associated Electric Laboratories, Inc., consenting. No. 1,783,295; disclaimer filed Aug. 26, 1933; v. 434; p. 527.
- Loomis, Nathaniel E., Albert H. Tomlinson, and Frank A. Howard, Elizabeth, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 1,785,274; disclaimer filed July 15, 1933; v. 433; p. 230.
- Lorant, Rudolf, Vienna, Austria. Disclaimer filed by the assignee, The Tabulating Machine Company. No. 1,839,402; disclaimer filed Feb. 17, 1933; v. 428; p. 8.
- Lowell, Percival D., and Francis W. Dunmore, Washington, D. C. Disclaimer filed by the patentees, and the exclusive licensee, Dubilier Condenser Corporation. No. 1,455,141; disclaimer filed July 8, 1933; v. 433; p. 8.
- Lucas, Samuel M., Pittsburgh, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,566,333; disclaimer filed June 22, 1933; v. 432; p. 520.
- Marden, John W. and Ernest A. Lederer, East Orange, N. J. Disclaimer filed by the assignee, Westinghouse Lamp Company. No. 1,835,118; disclaimer filed Nov. 4, 1933; v. 437; p. 1.
- Marshall, Lewis C., Walpole, Mass. Disclaimer filed by the patentee. No. 1,758,575; disclaimer filed Nov. 23, 1933; v. 437; p. 573.
- Mason, Clesson E., Foxboro, Mass. Disclaimer filed by the assignee, The Foxboro Company. No. 1,897,135; disclaimer filed May 11, 1933; v. 431; p. 261.
- Mathes, Robert C., New York, N. Y. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 1,426,754; disclaimer filed June 24, 1933; v. 432; p. 760.
- Mayer, Josef, Karlsbad, Czechoslovakia. Disclaimer filed by the assignee, The Philad. Company. Re. No. 17,585; disclaimer filed Apr. 4, 1933; v. 429; p. 504.
- McIntyre, Brouwer D., Monroe, Mich. Disclaimer filed by the assignee, Insulation Development Corporation. No. 1,844,434; disclaimer filed Jan. 24, 1933; v. 427; p. 264.
- Metzger, Floyd J., New York, N. Y. Disclaimer filed by the assignee, Air Reduction Company, Incorporated. No. 1,573,732; disclaimer filed June 14, 1933; v. 432; p. 268.
- Metzger, Floyd J., New York, N. Y., and George Carl Bauer, Los Angeles, Calif. Disclaimer filed by the assignee, Air Reduction Company, Incorporated. No. 1,675,123; disclaimer filed June 14, 1933; v. 432; p. 268.
- Middleton, Washington Irving, Watertown, Mass. Disclaimer filed by the patentee, assignee, Simplex Wire & Cable Company, consenting. No. 1,755,930; disclaimer filed Mar. 29, 1933; v. 429; p. 196.
- Millholland, William K., Indianapolis, Ind. Disclaimer filed by the patentee. No. 1,849,683; disclaimer filed June 10, 1933; v. 432; p. 268.
- Minton, John Preston, White Plains, and Abraham S. Ringel, Brooklyn, N. Y. Disclaimer filed by the first named patentee, John P. Minton. No. 1,868,019; disclaimer filed May 10, 1933; v. 431; p. 261.
- Moore, Thomas F., Westerly, R. I. Disclaimer filed by the assignee, Gerge C. Moore Company, the patentee, said Moore, approving and ratifying. No. 1,896,783; disclaimer filed Aug. 4, 1933; v. 433; p. 1088.
- Morton, William A., Pittsburgh, and Paul L. Geer, Bellevue, Pa. Disclaimer filed by the assignee, Amco, Incorporated. No. 1,828,904; disclaimer filed Sept. 18, 1933; v. 435; p. 222.
- Münz, Ferdinand, Frankfurt-on-the-Main-Fechenheim, Germany. Disclaimers filed by the assignee, General Aniline Works, Inc. Nos. 1,822,977 and 1,822,979; disclaimers filed Mar. 7, 1933; v. 429; p. 80.
- Nicolson, Alexander McLean, New York, N. Y. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,798,750; disclaimer filed Oct. 27, 1933; v. 436; p. 553.
- Oliver, John Roger, Medfield, Mass. Disclaimer filed by the assignee, Reece Shoe Machinery Company. No. 1,716,562; disclaimer filed Mar. 14, 1933; v. 429; p. 79.
- Pacz, Aladar, Cleveland, Ohio. Disclaimer filed by the assignee, General Electric Company. No. 1,410,499; disclaimer filed Nov. 10, 1933; v. 437; p. 1.
- Peterson, William R., Chicago, Ill. Disclaimer filed by the patentee, assignee, St. Regis Paper Company, assenting and confirming. No. 1,818,095; disclaimer filed July 31, 1933; v. 433; p. 1087.
- Pike, Robert D., Piedmont, Calif. Disclaimer filed by the assignee, Kalif Corporation. No. 1,770,582; disclaimer filed Mar. 15, 1933; v. 429; p. 80.
- Quinby, Edwin Jay, Yonkers, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,864,615; disclaimer filed Aug. 22, 1933; v. 434; p. 528.
- Rauch, John D., Lima, Ohio. Disclaimer filed by the patentee, and the assignee, The Ohio Power Shovel Company. No. 1,569,031; disclaimer filed Aug. 25, 1933; v. 434; p. 527.
- Ree, Peter O., Austin, Minn. Disclaimer filed by the patentee, and the assignee of one-half interest, Ralph H. Peters. No. 1,864,617; disclaimer filed Sept. 22, 1933; v. 435; p. 493.
- Reichold, Ludwig, Winsted, Conn. Disclaimer filed by the assignee, The Fitzgerald Manufacturing Company. No. 1,822,314; disclaimer filed Aug. 30, 1933; v. 434; p. 763.
- Rice, Clark H., Findlay, Ohio. Disclaimer filed by the patentee, the assignee, The St. Regis Paper Company, assenting and concurring. No. 1,795,265; disclaimer filed Sept. 7, 1933; v. 434; p. 763.
- Robb, John F., Cleveland Heights, Ohio. Disclaimer filed by the assignee, Koehring Company. No. 1,805,373; disclaimer filed July 12, 1933; v. 433; p. 230.
- Roberts, Montague H., Englewood, N. J. Disclaimer filed by the assignee, Franklin Railway Supply Company. No. 1,600,427; disclaimer filed Apr. 5, 1933; v. 430; p. 18.
- Roberts, Montague H., Englewood, N. J. Disclaimer filed by the assignee, Franklin Railway Supply Company. No. 1,647,146; disclaimer filed Apr. 5, 1933; v. 430; p. 322.
- Roberts, Montague H., Englewood, N. J., and Frank R. Peters, New York, N. Y. Disclaimer filed by the assignee, Franklin Railway Supply Company. No. 1,602,124; disclaimer filed Apr. 5, 1933; v. 430; p. 322.
- Roberts, Walter Van B., Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,831,640; disclaimer filed Feb. 3, 1933; v. 427; p. 522.
- Roberts, Walter Van B., Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,831,640; disclaimer filed Nov. 20, 1933; v. 437; p. 573.

- Roberts, Walter van Braam, Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,853,178; disclaimer filed Dec. 21, 1932; v. 426; p. 460.
- Ross, Oscar A., New York, N. Y. Disclaimer filed by the patentee, the assignee, Sarah L. Burns, assenting. No. 1,819,844; disclaimer filed July 15, 1933; v. 433; p. 230.
- Sachs, Joseph, West Hartford, Conn. Disclaimer filed by the patentee. No. 1,819,005; disclaimer filed July 11, 1933; v. 433; p. 230.
- Schemmel, Robert C., Union City, Ind. Disclaimer filed by the assignee, Backstay Welt Company. No. 1,226,600; disclaimer filed Aug. 15, 1933; v. 434; p. 8.
- Seaborne, Charles R., Niagara Falls, N. Y. Disclaimer filed by the assignee, American Lakes Paper Company. No. 1,517,018; disclaimer filed July 24, 1933; v. 433; p. 800.
- Seguy, Jean D., Chicago, Ill. Disclaimer filed by the patentee, the assignee, Universal Oil Products Company, approving and concurring. No. 1,888,051; disclaimer filed Sept. 28, 1933; v. 435; p. 1038.
- Sherwood, Charles Frederic, Los Angeles, Calif. Disclaimer filed by the assignee, Oliver-Sherwood Co. No. 1,416,988; disclaimer filed May 22, 1933; v. 431; p. 527.
- Simpson, Joseph T., Chicago, Ill. Disclaimer filed by the assignee, Herbert S. Simpson, the patentee said Joseph T. Simpson, and the exclusive licensee, National Engineering Company, concurring. No. 1,670,750; disclaimer filed Apr. 7, 1933; v. 430; p. 322.
- Smith, Theodore A., Ridgewood, N. J. Disclaimer filed by the patentee, assignee Radio Corporation of America, assenting. No. 1,797,378; disclaimer filed Jan. 3, 1933; v. 426; p. 783.
- Staples, Charles F., Detroit, Mich. Disclaimer filed by the assignee, Graybar Electric Company, Inc. No. 1,819,208; disclaimer filed Oct. 20, 1933; v. 436; p. 309.
- Stein, Friedrich, Heidenheim-on-the-Brenz, Germany. Disclaimer filed by the assignee and the patentee, J. M. Voith and Friedrich Stein. No. 1,739,268; disclaimer filed July 19, 1933; v. 433; p. 507.
- Stein, Hyman, Arverne, William E. Austin, New York, and Irving Liebowitz, Brooklyn, N. Y. Disclaimer filed by the assignee, Steinfur Patents Corporation. No. 1,564,378; disclaimer filed May 3, 1933; v. 430; p. 1281.
- Sturges, John Edwin, Oakland, Calif. Disclaimer filed by the patentee. No. 1,725,223; disclaimer filed June 13, 1933; v. 432; p. 268.
- Sundback, Gideon, Meadville, Pa. Disclaimer filed by the assignee, Hookless Fastener Company (two cases). Nos. 1,381,884 and 1,566,996; disclaimers filed Jan. 30, and Jan. 28, 1933; v. 427; p. 522.
- Taylor, Albert H., Washington, D. C. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,578,296; disclaimer filed Apr. 22, 1933; v. 430; p. 949.
- Taylor, Albert H., Washington, D. C. Disclaimer filed by the assignee, Wired Radio, Inc. No. 1,581,701; disclaimer filed May 5, 1933; v. 431; p. 10.
- Tear, James D., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 1,774,458; disclaimer filed Apr. 13, 1933; v. 430; p. 322.
- Thomas, Thomas H., Edgewood, Pa. Disclaimer filed by the assignee, The Westinghouse Air Brake Company, the executrix of said Thomas H. Thomas, deceased, Mabel M. Thomas, concurring and assenting. No. 1,703,907; disclaimer filed July 8, 1933; v. 433; p. 10.
- Thomas, Thomas H., Edgewood, Pa. Disclaimer filed by the assignee, The Westinghouse Air Brake Company, the executrix of said Thomas H. Thomas, deceased, Mabel M. Thomas, concurring and assenting. No. 1,765,509; disclaimer filed July 8, 1933; v. 433; p. 10.
- Thompson, Howard A., Wilkinsburg, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,610,394; disclaimer filed June 22, 1933; v. 432; p. 520.
- Thompson, Howard A., Edgewood Borough, and Charles W. Failor, Pittsburgh, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 1,653,379; disclaimer filed June 22, 1933; v. 432; p. 520.
- Triplett, Ray L., Bluffton, Ohio. Disclaimer filed by the patentee. No. 1,918,940; disclaimer filed Oct. 30, 1933; v. 436; p. 819.
- Usselman, George L., Rocky Point, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,794,932; disclaimer filed May 27, 1933; v. 431; p. 784.
- Van der Bijl, Hendrik J., New York, N. Y. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 1,738,269; disclaimer filed Sept. 20, 1933; v. 435; p. 221.
- Van Hamersveld, John J. N., Cleveland Heights, and Edward P. Burrell, Shaker Heights, Ohio. Disclaimer filed by the assignee, The Warner & Swasey Company. No. 1,816,239; disclaimer filed Aug. 5, 1933; v. 433; p. 1087.
- Vogt, Hans, Berlin-Wilmersdorf, and Joseph Massole and Josef Engl, Berlin-Grünwald, Germany. Disclaimer filed by the assignee, American Tri-Ergon Corporation, licensee, Tri-Ergon Holding, A. G., approving and ratifying same. No. 1,713,726; disclaimer filed June 1, 1933; v. 431; p. 784.
- Voorhees, Vanderveer, Hammond, Ind. Disclaimer filed by the patentee, and the assignee, Standard Oil Company (Indiana). No. 1,862,874; disclaimer filed Apr. 20, 1933; v. 430; p. 634.
- Wallace, Marcel, New York, N. Y. Disclaimer filed by the patentee. No. 1,627,758; disclaimer filed May 27, 1933; v. 431; p. 783.
- Walsole, Sigurd L., Springdale, Conn., and Lawrence J. Betz, Astoria, N. Y. Disclaimer filed by the assignee, Remington Typewriter Company. No. 1,837,599; disclaimer filed May 4, 1933; v. 432; p. 268.
- Warren, Henry E., Ashland, Mass. Disclaimer filed by the assignee, Warren Telechron Company. No. 1,502,494; disclaimer filed Feb. 17, 1933; v. 428; p. 266.
- Wells, Robert F., and Donald W. Mersereau, Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 1,878,083; disclaimer filed Nov. 28, 1933; v. 437; p. 573.
- Wheeler, Harold A., Great Neck, N. Y. Disclaimer filed by the patentee, assignee, Hazeltine Corporation, consenting. No. 1,878,741; disclaimer filed Oct. 20, 1933; v. 436; p. 310.
- Whitehead, Richard H., and Wilson E. Porter, New Haven, Conn. Disclaimer filed by the assignee, New Haven Clock Company. No. 1,830,727; disclaimer filed Nov. 11, 1933; v. 437; p. 298.
- Whitlow, Joe B., Johnson City, Tenn. Disclaimer filed by the patentee. No. 1,825,564; disclaimer filed Jan. 24, 1933; v. 427; p. 264.
- Wilhelm, Arthur M., Randolph, N. Y. Disclaimer filed by the patentee. No. 1,847,739; disclaimer filed Feb. 3, 1933; v. 428; p. 8.
- Woelm, Alfred, Berlin, Germany. Disclaimer filed by the assignee, Pencil Mechanism Corporation (two cases). Nos. 1,700,246 and 1,700,247; disclaimers filed Jan. 20, 1933; v. 427; p. 6.
- Wright, Esmond Philip Goodwin, Aldwych, England. Disclaimer filed by the assignee, International Standard Electric Corporation. No. 1,858,069; disclaimer filed Apr. 6, 1933; v. 430; p. 322.
- Zouck, George H., Orange, N. J. Disclaimer filed by the patentee, and the assignee, Franklin Railway Supply Company. No. 1,849,131; disclaimer filed Aug. 21, 1933; v. 434; p. 528.

LIST OF INVENTIONS

- Abdominal support. G. Guenther. 1,939,811; Dec. 19.
- Abietene, Hydrogenation of. I. Gubelmann and C. O. Henke. 1,910,691; May 23.
- Abradant unit. S. M. Bookman. 1,912,685; June 6.
- Abrader or polisher for automobile bodies. J. Vicio. 1,913,574; June 13.
- Abrading. L. W. Goddu. 1,899,862; Feb. 28.
- Abrading. H. W. Hill. 1,937,459; Nov. 28.
- Abrading and polishing machine. W. G. Norton. 1,935,660; Nov. 21.
- Abrading apparatus. P. S. Legge. 1,936,475; Nov. 28.
- Abrading device. J. M. Stivers. 1,935,592; Nov. 14.
- Abrading machine. G. D. Alderman. 1,906,503; May 2.
- Abrading machine. H. L. Chapin. 1,918,321; July 18.
- Abrading machine. A. N. Emmons. Des. 90,239; July 4.
- Abrading machine. A. N. Emmons. 1,939,111; Dec. 12.
- Abrading machine. C. L. Mattison. 1,937,771; Dec. 5.
- Abrading machine. F. Tebbe. 1,929,960; Oct. 10.
- Abrading machine. A. Vuilleumier. 1,893,213; Jan. 3.
- Abrading machine and method of grinding. W. Wuerfel. 1,906,731; May 2.
- Abrading, polishing, or like surfacing tool. A. Fiset. 1,902,844; Mar. 28.
- Abrading tool. W. A. Reed. 1,933,685; Nov. 7.
- Abrading wheel and mounting therefor. F. J. Hohnhorst and F. J. Kroeger. 1,918,392; July 18.
- Abrasive and ceramic articles, Method and apparatus for increasing the uniformity of. R. C. Benner, H. Walker, and W. G. Soley. 1,936,820; Nov. 28.
- Abrasive and holder therefor. W. G. Dunn. 1,908,697; May 16.
- Abrasive and producing same, Preformed. E. S. Merriam. 1,924,648; Aug. 29.
- Abrasive apparatus. W. Stever. 1,928,800; Oct. 3.
- compounds so obtained. Iso- β -aryl- α -aminoethanols and lating. G. A. Alles. 1,931,123; Oct. 17.
- Abrasive applying machine. O. Douth. 1,924,487; Aug. 29.
- Abrasive article and making same. S. F. Hepp. 1,932,104; Oct. 24.
- Abrasive articles and solids of like constitution. H. C. Martin. 1,937,043; Nov. 28.
- Abrasive articles, Manufacture of. R. C. Benner, P. H. Walker, and C. E. Wooddell. 1,918,242; July 18.
- Abrasive body and making the same. E. E. Novotny. 1,901,324-5; Mar. 14.
- Abrasive body and making the same. E. E. Novotny. 1,907,088; May 2.
- Abrasive body and making the same. E. E. Novotny and J. N. Kuzmick. 1,924,748; Aug. 29.
- Abrasive, Boro-silicate bonded aluminous. C. E. Wooddell. 1,918,812; July 18.
- Abrasive coated material. H. N. Morris. 1,904,663; Apr. 18.
- Abrasive cover. E. F. Hodgkins. 1,908,355; May 9.
- Abrasive disk. A. J. Doermann. 1,912,070; May 30.
- Abrasive disk. A. J. Doermann. 1,924,773; Aug. 29.
- Abrasive disks, Making. A. J. Doermann. Re18,872; June 20.
- Abrasive element. W. J. Ellis. 1,929,274; Oct. 3.
- Abrasive feeding mechanism for stone cutting machines. M. H. Owens and E. A. Burr. 1,921,697; Aug. 8.
- Abrasive materials, Making. K. C. Nicholson. 1,910,444; May 23.
- Abrasive product and making the same. J. N. Kuzmick. 1,900,386; Mar. 7.
- Abrasive product and making the same. E. E. Novotny. 1,909,784; May 16.
- Abrasive reamer. C. W. Tydeman. 1,910,658-9; May 23.
- Abrasive stone holder. G. M. Calvert. 1,908,218; May 9.
- Abrasive, Water repellent. R. S. Daniels. 1,900,430; Mar. 7.
- Abrasive wheel, Balanced. J. J. O'Sullivan. 1,913,852; June 13.
- Abrasives and holders, Making combined. M. C. Hutto. 1,920,986; Aug. 8.
- Abrasives, Process and apparatus for grading. J. C. Parkinson and E. Gelstharp. 1,914,039; June 13.
- Abrasives suspended in liquids, Method and apparatus for classifying. L. Bergerand. 1,916,035; June 27.
- Absorbent container. J. C. Davis. 1,917,953; July 11.
- Absorbent material, Treatment of. C. P. Spaeth. 1,920,438; Aug. 1.
- Absorbent materials and compounds made therefrom, Making. C. P. Spaeth and L. V. Clark. 1,923,848; Aug. 22.
- Absorber for refrigerating systems. E. Babcock. 1,897,997; Feb. 21.
- Absorber for refrigerating systems, Air cooled. R. S. Nelson. 1,930,657; Oct. 17.
- Absorption fn. E. I. Mills. 1,912,785; June 6.
- Absorption machine. E. Altenkirch. 1,908,277; May 9.
- Absorption machine. E. Altenkirch. 1,910,224; May 23.
- Absorption machine, Continuous. E. Altenkirch. 1,913,469; June 13.
- Absorption machines, Process and apparatus for operating continuous. E. Altenkirch. 1,897,223; Feb. 14.
- Absorption method and apparatus. E. Altenkirch. Re18,924; Aug. 22.
- Absorption, Method and apparatus for promoting osmotic. H. Oppenheimer. 1,899,770; Feb. 28.
- Absorption refrigerating apparatus. E. Altenkirch. 1,930,671; Oct. 17.
- Absorption system. D. F. Comstock. 1,924,914; Aug. 29.
- Absorption system. L. H. Fitch, jr. 1,929,841; Oct. 10.
- Abutment for container vehicles, Movable. S. H. Owens. 1,922,632; Aug. 15.
- Accelerating device for dry pipe sprinkling systems. A. C. Rowley. 1,913,245; June 6.
- Acceleration responsive device for controlling electric motor-driven vehicles. O. Wunsche. 1,919,996; July 25.
- Accelerations, Process of and device for detecting and measuring minimum. R. Ambrohn. 1,936,321; Nov. 21.
- Accelerator and brake control, Combined. E. A. Rockwell. 1,907,009; May 2.
- Accelerator attachment for excavating machines. J. F. Robb. 1,893,564; Jan. 10.
- Accelerator, Automobile. P. G. Frazier. 1,938,897; Dec. 12.
- Accelerator foot pedal. H. J. Cocks. 1,920,550; Aug. 1.
- Accelerator for plastic masses and use. W. C. Hansen and P. C. Schroy. 1,909,465; May 16.
- Accelerator for rubber vulcanization. A. F. Hardman. 1,939,692; Dec. 19.
- Accelerator for the vulcanization of rubber. A. Cambron. 1,911,263; May 30.
- Accelerator for the vulcanization of rubber. A. Cambron. 1,915,979; June 27.
- Accelerator for the vulcanization of rubber. F. L. Kilbourne, jr. 1,936,562; Nov. 21.
- Accelerator of vulcanization. J. Teppema. 1,923,957; Aug. 22.
- Accelerator pedal and switch for motor vehicles, Combined. W. O. Wagner. 1,911,295; May 30.
- Accelerator pedal for automobiles. J. F. Fisher. 1,893,075; Jan. 3.
- Accelerator, Rubber vulcanization. G. L. Magoun. 1,917,804; July 11.
- Access panel latch. C. Traut. 1,921,051; Aug. 8.
- Accessory for cooking vessels. E. V. Coulston. 1,922,419; Aug. 15.
- Accompaniment for musical compositions, Recorded. F. Smith. 1,937,919; Dec. 5.
- Accordion. M. B. Luttbeg. 1,922,381; Aug. 15.
- Accordion illuminating means. E. Galizi. 1,919,294; July 25.
- Accordion pad, Nonleak. D. Stoeker. 1,893,453; Jan. 3.
- Accordion, Piano keyboard. E. Hohner. 1,908,247; May 9.
- Accounting and tabulating machine. A. Thomas. 1,938,228; Dec. 5.
- Accounting machine. A. W. Mills. 1,939,077; Dec. 12.
- Accounting machine. W. J. Pasinski. 1,911,768; May 30.
- Accounting machine. W. J. Pasinski. 1,931,115; Oct. 17.
- Accounting machine. J. R. Peirce. 1,896,554; Feb. 7.
- Accounting machine. J. R. Peirce. 1,909,549; May 16.
- Accounting machine. J. R. Peirce. 1,914,285; June 13.
- Accounting machine. J. R. Peirce. 1,916,987; July 4.
- Accounting machine. J. R. Peirce. 1,926,881; Sept. 12.
- Accounting machine for punching totals. M. Maul. 1,896,551; Feb. 7.
- Accounting machines, Automatic total-taking mechanism for. J. Powers. Re18,727; Jan. 31.
- Accounting machines, Tally roll mechanism for. F. D. Bentzel. 1,931,126; Oct. 17.
- Accounting means. S. K. Decker and G. Roberts. 1,916,969; July 4.
- Accounting means. G. A. Roberts and S. K. Decker. 1,930,253; Oct. 10.
- Accumulator, Hydropneumatic. J. E. Holveck. 1,937,149; Nov. 28.
- Accumulators, Charging. W. Van B. Roberts. 1,921,841; Aug. 8.
- Acetaldehyde, Production of. F. Zobel and M. Luther. 1,926,575; Sept. 12.
- Acetals of cyclic ketones with polyhydric alcohols and preparing the same. G. Kränzelin, E. Dickhäuser, and A. Voss. 1,902,866; Mar. 28.
- Acetic anhydride. A. Dierichs. 1,909,816; May 16.
- Acetic anhydride from crude sodium acetate, Manufacturing. J. C. White and H. G. Stone. 1,912,747; June 6.
- Acetic anhydride, Preparing. F. Henle, G. Meder, V. Lanz, and F. Privinsky. 1,905,466; Apr. 25.
- Acetone from acetylene, Production of. L. Schlecht. 1,907,882; May 9.
- Acetone, Production of. L. Schlecht. 1,910,815; May 23.
- Acetone, Production of. H. Walter and H. Schulz. 1,892,742; Jan. 3.
- Acetyl-cellulose plastic. J. F. Walsh and A. F. Caprio. 1,929,225; Oct. 3.

- Acetyl chloride, Synthesis of. F. Steinhäuser. 1,911,589; May 30.
- Acetyl-methyl-carbinol and diacetyl, Preparation of. A. J. Kluyver and M. A. Scheffer. 1,899,094; Feb. 28.
- Acetylation process. F. O. Rice. 1,898,687; Feb. 21.
- Acetylene and carbon black, Production of. O. Eisenhut and H. Schilling, and P. Baumann. 1,923,140; Aug. 22.
- Acetylene and hydrogen, Production of. O. Eisenhut. 1,904,426; Apr. 18.
- Acetylene from gaseous mixtures, Separating. R. G. Wulff. 1,938,991; Dec. 12.
- Acetylene from hydrocarbons in electric arcs, Production of. O. Eisenhut. R. Stadler and P. Baumann. 1,941,077; Dec. 26.
- Acetylene gas, Producing. R. G. Wulff. 1,917,627; July 11.
- Acetylene generator. K. L. Allgrunn. 1,915,349; June 27.
- Acetylene generator. R. A. Boley. 1,902,757; Mar. 21.
- Acetylene generator. W. W. Harris. 1,892,947; Jan. 3.
- Acetylene generator. C. S. Milne. 1,918,479; July 18.
- Acetylene generator. H. Wendtland. 1,922,649; Aug. 15.
- Acetylene generator, Portable. S. Plumley. 1,914,162; June 13.
- Acetylene polymers and making same. W. S. Calcott and F. B. Downing. 1,924,979; Aug. 29.
- Acetylene polymers, Halogenating. W. S. Calcott and A. S. Carter. 1,896,159; Feb. 7.
- Acetylene, Preparing. C. Weibezahn and F. Walter. 1,916,592; July 4.
- Acetylene, Production of. H. Haeuber and E. Linckh. 1,894,765; Jan. 17.
- Acetylene, Production of. R. W. Millar. 1,896,552; Feb. 7.
- Acetylene, Separation of. F. J. Metzger. 1,900,655; Mar. 7.
- Acid: See—
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| Acetic acid. | Two-hydroxymethyl-benzimidazalarsonic acid. |
| Aliphatic carboxylic acid. | 2-naphthalenemonosulphonic acid. |
| Arsonic acid. | 2,7-dihydroxynaphthalene-3,6-dicarboxylic acid. |
| Benzene stibonic acid. | |
| Lactic acid. | |
| New-ortho-aniline sulphon-ic acid. | |
- Acid amide, Sulphocarboxylic. W. Hentrich and H. Keppler. 1,931,540; Oct. 24.
- Acid amides and their preparation, Sulphonated carboxylic. F. Guenther and K. Saftien. 1,932,178; Oct. 24.
- Acid, Amides of d-gluconic. R. Pasternack and C. P. Ammerman. 1,901,565; Mar. 14.
- Acid and alkali process of fiber liberation, Combined. G. A. Richter. 1,917,545; July 11.
- Acid and glucose, Production of acetic. P. A. Tetrault. 1,939,736; Dec. 19.
- Acid and hydrogen, Producing phosphoric. W. Ipatieff and C. Freitag. 1,895,329; Jan. 24.
- Acid and hydrogen, Production of phosphoric. G. Wietzel and G. Pauckner. 1,916,594; July 4.
- Acid and making it, 1-hydroxy-anthracene-carboxylic. L. Laska and O. Haller. 1,913,491; June 13.
- Acid and/or conversion products thereof, Obtaining ortho-phosphoric. C. H. Milligan. 1,929,441-2; Oct. 10.
- Acid and other products from phosphatic material, Manufacture of phosphoric. J. W. Walton. 1,925,510; Sept. 5.
- Acid and preparing it, Ortho-halogenanthraquinonecarboxylic. G. Kränzlein, M. Corell, H. Vollmann, and E. Hausdörfer. 1,895,100; Jan. 24.
- Acid and preparing same, Amylbenzoic. H. A. Bruson, J. D. Robinson, and O. Stein. 1,930,449; Oct. 10.
- Acid and preparing the same, 4-chloro-1-amino-anthraquinone-2-sulphonic. G. Kränzlein, F. Roemer, and E. Kronholz. 1,914,433; June 20.
- Acid and preparing them, Amides of 2,3-amino-naphthoic. L. Sander. 1,893,656; Jan. 10.
- Acid and producing same, 1,5-dichloro-2,6-diamino-anthraquinone-3,7-disulphonic. W. L. Rintelman. 1,899,986; Mar. 7.
- Acid and succinic anhydride, Purification of succinic. A. O. Jaeger and F. P. Fiedler. 1,929,381; Oct. 3.
- Acid and tartrates from must, grape juice, and wine, Removing tartaric. J. R. Eoff, jr. 1,915,273; June 27.
- Acid anhydrides, Manufacture of aliphatic. H. Dreyfus and W. Bader. 1,926,087; Sept. 12.
- Acid anhydrides, Manufacture of aliphatic. S. J. Green and R. R. Widdowson. 1,915,572-3; June 27.
- Acid arylides, Hydroxycarboxylic. K. Zahn, K. Schimmelschmidt, and H. Koch. 1,936,926; Nov. 28.
- Acid arylides of the benzene series and making same, Carboxylic. L. Laska and O. Haller. 1,903,899; Apr. 18.
- Acid by fermentation, Accelerating the production of butyric. D. A. Legg and H. R. Stiles. 1,927,813; Sept. 19.
- Acid by fungi, Producing gluconic. J. N. Currie, J. H. Kane, and A. Finlay. 1,893,819; Jan. 10.
- Acid cellulose esters and making the same, Double alpha-ketonic. C. J. Staud and C. S. Webber. 1,900,871; Mar. 7.
- Acid chloride, Production of carbamic. E. Theis. 1,937,328; Nov. 28.
- Acid chlorides, Making. R. V. Townend. 1,936,739; Nov. 28.
- Acid chlorides, Purification of organic. M. Luthy and B. E. Thomas. 1,906,761; May 2.
- Acid compounds of menthols, Manufacture of phosphoric. J. W. Blagden and W. E. Huggett. 1,932,130; Oct. 24.
- Acid compounds, Production of aliphatic sulphonic. H. Bertsch. 1,906,924; May 2.
- Acid compounds, Purifying abietene-sulphonic. C. O. Henke. 1,892,889; Jan. 3.
- Acid compounds, Titration sulphuric. L. Teichmann and F. Specht. 1,934,778; Nov. 14.
- Acid, Concentrating nitric. C. W. Davis, S. L. Handforth, and W. E. Kirst. 1,922,278; Aug. 15.
- Acid, Concentrating nitric. H. Frischer. 1,924,312; Aug. 29.
- Acid, Concentrating nitric. S. L. Handforth. 1,922,289; Aug. 15.
- Acid concentration, Nitric. I. Hechenbleikner. 1,921,255; Aug. 8.
- Acid concentration, Nitric. I. Hechenbleikner and S. F. Spangler. 1,916,837; July 4.
- Acid concentration, Nitric. S. F. Spangler. 1,895,012; Jan. 24.
- Acid concentration, Nitric. F. C. Zeisberg. 1,928,749; Oct. 3.
- Acid, Concentration of aqueous formic. E. Lüscher. 1,919,850; July 25.
- Acid concentration, Sulphuric. S. A. Montgomery and J. A. Hubbard. 1,906,399; May 2.
- Acid condensation products, Soluble fatty. I. C. Somerville. 1,924,052; Aug. 22.
- Acid, Dehydrating aqueous acetic. W. W. Hartman. 1,908,239; May 9.
- Acid, Dehydrating aqueous acetic. D. F. Othmer. 1,917,391; July 11.
- Acid, Dehydration of acetic. D. F. Othmer. 1,897,816; Feb. 14.
- Acid, Dehydration of acetic. C. S. Webber and C. J. S. Staud. 1,917,410; July 11.
- Acid, Dehydration of formic. D. F. Othmer. 1,930,146; Oct. 10.
- Acid derivative, Barbituric. L. Taub and W. Kropp. 1,923,239; Aug. 22.
- Acid derivatives of amides, Sulphuric. F. Guenther, F. Muenz, and H. Haussmann. 1,932,176; Oct. 24.
- Acid derivatives of amides, Sulphuric. F. Guenther, F. Münz, and H. Haussmann. 1,932,180; Oct. 24.
- Acid derivatives of carboxylic arylides, Sulphuric. F. Guenther, F. Münz, and H. Haussmann. 1,932,179; Oct. 24.
- Acid derivatives of mineral oil, Purifying fatty. G. Alleman. 1,931,855; Oct. 24.
- Acid, Distilling hydrochloric. S. B. Heath. 1,906,467; May 2.
- Acid ester and producing the same, Tri-hydroxy carboxylic. N. Ernster. 1,927,339; Sept. 19.
- Acid ester, Hydrogenating abietic. R. J. Byrkit, jr. 1,901,630; Mar. 14.
- Acid ester of gluconic acid, Phosphoric. W. Schoeller, E. Schwenk, H. Goebel and S. Michael. 1,907,592; May 9.
- Acid esters and monoethers of hydroquinone, Phthalic. C. J. Staud and T. F. Murray, jr. 1,912,734; June 6.
- Acid esters and their production, Sulphonated fatty. A. Steindorff, K. Daimler, and K. Platz. 1,916,776; July 4.
- Acid esters of alcohols and derivatives thereof, Sulphuric. K. Marx, K. Brodersen, and M. Quaadvleg. 1,931,962; Oct. 24.
- Acid esters of borneol and isoborneol, Preparing fatty. V. Hilcken. 1,902,364; Mar. 21.
- Acid esters of phenols containing a basic constituent, Disubstituted carbamic. J. A. Aeschlimann. 1,905,990; Apr. 25.
- Acid esters of polybasic inorganic acids, Production of alkyl. W. Engs and R. Morávec. 1,915,820; June 27.
- Acid esters of the glycols, Production of carbonic. G. Steimmig and M. Wittwer. 1,907,891; May 9.
- Acid esters, Phosphoric. H. Bertsch. 1,900,973; Mar. 14.
- Acid esters, Sulphonated higher fatty. A. Rheiner and J. Link. 1,936,265; Nov. 21.
- Acid, Evaporation of nitric. W. E. Kirst. 1,901,875; Mar. 21.
- Acid fermentation, Accelerating the propionic. J. M. Sherman. 1,910,130; May 23.
- Acid fermentation, Propionic. P. W. Wilson. 1,898,329; Feb. 21.
- Acid from calcium cyanide, Evolution of hydrocyanic. P. J. Carlisle and C. Dangelmajer. 1,908,319; May 9.
- Acid from complex cyanides and waste liquors, Recovery of hydrocyanic. H. L. Sulman and H. F. K. Picard. 1,938,469; Dec. 5.
- Acid from formates, Manufacture of formic. E. Lüscher. 1,919,851; July 25.
- Acid from hydrocarbon vapors, Removing. A. Lachman. 1,914,668; June 20.
- Acid from solutions obtained in cellulose derivative manufacture, Recovering acetic. E. Prince. 1,898,213; Feb. 21.
- Acid gas, Recovery of. G. J. Horvitz. 1,916,980; July 4.
- Acid groups from dihydroxydiaminoanthraquinonedisulphonic acid, Eliminating sulphonic. P. Grossman. 1,903,862; Apr. 18.
- Acid halides, Chemical treatment of organic. L. P. Kyrides. 1,939,216; Dec. 12.
- Acid halides, Making. L. E. Mills. 1,921,767; Aug. 8.
- Acid hydrochloride betaine acid sulphate, etc., Manufacture of glutamic. R. Masuda. 1,928,840; Oct. 3.

- Acid imide compounds, Purification of perylene tetracarboxylic. A. O. Jaeger and L. C. Daniels. 1,913,052; June 6.
- Acid in acetylene reactions, Use of fluoboric and fluosilicic. J. A. Nieuwland. 1,907,560; May 9.
- Acid in finely divided dry and stabilized condition and its manufacture, Nitrosyl sulphuric. J. F. B. van Hasselt. 1,909,557; May 16.
- Acid liquor, Manufacture of sulphite. J. D. Jenssen. 1,898,542; Feb. 21.
- Acid liquor, Producing. J. D. Jenssen. 1,898,541; Feb. 21.
- Acid, Making contact sulphuric. C. B. Clark. 1,915,270; June 27.
- Acid, Making contact sulphuric. C. B. Clark. 1,923,256; Aug. 22.
- Acid, Making dichloroacetic. F. C. Amstutz. 1,921,717; Aug. 8.
- Acid, Making hydrochloric. S. B. Heath and F. R. Minger. 1,921,388; Aug. 8.
- Acid manufacture from glycerol fermentation residues, Acetic. J. W. Lawrie. 1,909,183; May 16.
- Acid, Manufacture of acetic. H. Dreyfus. 1,896,224; Feb. 7.
- Acid, Manufacture of acetic. C. Haner and E. P. Fenimore. 1,911,315; May 30.
- Acid, Manufacture of acetic. S. R. Merley and O. Spring. 1,904,160; Apr. 18.
- Acid, Manufacture of anhydrous formic. E. Ricard and H. M. Guinot. 1,896,100; Feb. 7.
- Acid, Manufacture of benzoic. C. Conover. 1,937,383; Nov. 28.
- Acid, Manufacture of chlorosulphonic. E. Krummenacher. 1,898,879; Feb. 21.
- Acid, Manufacture of highly concentrated nitric. E. Lüscher. 1,930,881; Oct. 17.
- Acid, Manufacture of maleic. J. W. Livingston. 1,901,914; Mar. 21.
- Acid, Manufacture of phosphoric. G. F. Moore. 1,940,689; Dec. 26.
- Acid, Manufacture of sulphuric. C. B. Clark. 1,896,287; Feb. 7.
- Acid, Manufacture of sulphuric. A. M. Fairlie. 1,912,832; June 6.
- Acid manufacture, Phosphoric. I. Hechenbleikner. 1,894,514; Jan. 17.
- Acid, Manufacturing hydrofluosilic. W. Penfield. 1,938,533; Dec. 5.
- Acid metal phosphates, Obtaining. R. L. Sebastian. 1,929,452; Oct. 10.
- Acid, Method of and apparatus for concentrating nitric. J. H. Shapleigh. 1,895,492; Jan. 31.
- Acid, Neutralization of pyrolygneous. H. G. Stone. 1,917,338; July 11.
- Acid of the diphenyl-methane series and preparing the same, Organic. I. Gubelmann, H. J. Weiland, and O. Stallmann. 1,904,366; Apr. 18.
- Acid or carbyl sulphate, Preparing ethionic. K. Daimler and K. Platz. 1,913,794; June 13.
- Acid phosphate, Ammoniation of. B. Ober and E. H. Wight. 1,907,438; May 9.
- Acid phosphate, Manufacturing. Y. E. Stokes and C. T. Whittier. 1,924,137; Aug. 29.
- Acid, Preparing para-hydroxybenzoic. L. E. Mills and W. W. Allen. 1,937,477; Nov. 28.
- Acid, Preparation of acrylic. W. Bauer and P. Weisert. 1,911,219; May 30.
- Acid, Preparation of formic. W. E. Vail. 1,895,238; Jan. 24.
- Acid, Preparing hydrated citric. R. Pasternack, F. L. Read, and J. L. Davenport. 1,921,634; Aug. 8.
- Acid, Preparing hydrofluoric. J. Söhl. 1,903,408; Apr. 4.
- Acid, Preparing phosphoric. G. F. Moore. 1,910,808; May 23.
- Acid, Preparing Stebbins. W. J. Cotton. 1,913,748; June 13.
- Acid, preparing them and intermediate products obtained during the process. Naphthoyle-aryl-imidazol-peri-dicarboxylic. W. Eckert and O. Braunsdorf. 1,910,465; May 23.
- Acid process, Contact sulphuric. A. O. Jaeger. 1,900,383; Mar. 7.
- Acid, Producing acetic. G. Barsky. 1,934,161; Nov. 7.
- Acid, Producing acetic. W. S. Wilson. 1,928,746; Oct. 3.
- Acid, Producing concentrated nitric. N. Caro, A. R. Frank, W. Siebert, R. Wendlandt, and T. Fischer. 1,939,162; Dec. 12.
- Acid, Producing hydrocyanic. E. Münch, F. Nicolai, and W. Reppe. 1,922,492; Aug. 15.
- Acid, Production of acetic. R. Müller, A. Lübke, and H. N. Dieterich. 1,911,920; May 30.
- Acid, Production of acetic. H. F. Oxley and W. H. Groombridge. 1,937,528; Dec. 5.
- Acid, Production of aralkylaryl carboxylic. A. O. Jaeger and L. C. Daniels. 1,937,963; Dec. 5.
- Acid, Production of gluconic. J. N. Currie and R. H. Carter. 1,896,811; Feb. 7.
- Acid, Production of hydrocyanic. L. Andrussov. 1,934,838; Nov. 14.
- Acid, Production of hydrocyanic. A. O. Jaeger. 1,920,795; Aug. 1.
- Acid, Production of hydrocyanic. K. Keller. 1,931,441; Oct. 17.
- Acid, Production of phosphoric. C. G. Memminger, W. H. Waggaman, S. D. Gooch, and F. P. Kerschbaum. 1,896,006; Jan. 31.
- Acid, Production of propionic. H. R. Stiles and P. W. Wilson. 1,932,755; Oct. 31.
- Acidproof tank. H. W. Fender. 1,894,371; Jan. 17.
- Acid, Purification of battery. C. C. Rose. 1,898,688; Feb. 21.
- Acid, Purification of maleic. C. Conover. 1,914,556; June 20.
- Acid, Purifying and concentrating. L. V. Phillips. 1,934,234; Nov. 7.
- Acid, Purifying phosphoric. B. F. Wood. 1,894,289; Jan. 17.
- Acid, Recovering glutamic. R. Masuda. 1,940,428; Dec. 19.
- Acid salt of B-bromethyltrimethyl-ammonium-theobromine-1-acetate and producing the same, Phosphoric. H. Hornstein. 1,920,697; Aug. 1.
- Acid sludge from viscous hydrocarbon oil, Removing. C. O. Hoover. 1,896,583; Feb. 7.
- Acid sludges, Treating. D. R. Merrill and P. S. Clarke. 1,919,664; July 25.
- Acid solutions of secondary and tertiary alcohols, Producing and distilling aqueous sulphuric. B. T. Brooks. 1,904,200; Apr. 18.
- Acid solutions, Preparation of concentrated formic. A. J. Van Peski. 1,909,240; May 16.
- Acid with trichlorethylene, Dehydrating aqueous acetic. H. T. Clarke and D. F. Othmer. 1,908,508; May 9.
- Acids and acid materials, Apparatus for the treatment of. H. Frischer. 1,910,101; May 23.
- Acids and esters, Manufacture of aliphatic. H. F. Oxley. 1,927,414; Sept. 19.
- Acids and making same, Para-hydroxy-diarylamine-carboxylic. L. Laska and O. Haller. 1,915,429; June 27.
- Acids and mixtures thereof, Dehydrating aqueous aliphatic. W. W. Hartman. 1,908,240; May 9.
- Acids and preparing same, Fatty. R. T. Haslam. 1,904,452; Apr. 18.
- Acids and product thereof, Purification of. C. Banta. 1,926,665; Sept. 12.
- Acids and salts thereof, Crotonyl-aminobenzene-arsonic. K. Streitwolf, A. Fehle and W. Herrmann. 1,903,645; Apr. 11.
- Acids and their esters, Catalytic process for the production of aliphatic. J. H. G. Plant. 1,909,630; May 16.
- Acids, Benzimidazolone-stibonic. K. Streitwolf, A. Fehle, and W. Herrmann. 1,903,602; Apr. 11.
- Acids, 8-naphthyl-aminoaryl-hydroxy fatty. W. Hentrich, J. Hilger, and R. Knoche. 1,895,713; Jan. 31.
- Acids by heating under reduced pressure, Method and apparatus for the liberation or concentration of. I. Hechenbleikner and N. Titledaß. 1,920,307; Aug. 1.
- Acids, Concentration of dilute aliphatic. H. Dreyfus. 1,936,755; Nov. 28.
- Acids containing froth-producing substances, Neutralizing aliphatic. C. Dreyfus and C. I. Haney. 1,936,754; Nov. 28.
- Acids containing halogen and alkyl groups in their molecule, Manufacturing phenylthioglycolic. R. Herz, E. Albrecht, and R. Dereser. 1,897,516; Feb. 14.
- Acids, Esterification of fatty. E. Wecker. 1,928,582; Sept. 26.
- Acids, Extracting concentrated volatile aliphatic. A. Gorman. 1,916,106; June 27.
- Acids from olefinic hydrocarbons, carbon monoxide, and steam, Preparation of carboxylic. A. T. Larson and W. E. Vail. 1,924,765; Aug. 29.
- Acids from olefinic hydrocarbons, Preparing aliphatic carboxylic. W. E. Vail. 1,924,764; Aug. 29.
- Acids from oxidized nonaromatic hydrocarbons, Recovery of organic. H. Beller and M. Luther. 1,931,859; Oct. 24.
- Acids in anhydrous state from aqueous solutions, Obtaining fatty. E. Ricard and H. M. Guinot. 1,915,002; June 20.
- Acids, Manufacture of low boiling tar. S. Caplan. 1,904,269; Apr. 18.
- Acids, Manufacturing ortho-aryl-carboxyamidothioglycolic. J. Müller, W. Luce, and F. Schulte. 1,928,733; Oct. 3.
- Acids, Obtaining purified sulphonic. E. J. Hammers and E. Eichwald. 1,920,787; Aug. 1.
- Acids of aliphatic and hydro-aromatic carboxylic acids, Production of sulphonic. F. Günther and J. Hetzer. 1,926,442; Sept. 12.
- Acids of polyhydroxyanthraquinones, Production of nitro-sulphonic. D. G. Rogers. 1,924,166; Aug. 29.
- Acids of secondary bases, preparing the same, and pure secondary bases derived therefrom, Sulphonic. G. Kränzlein and H. Greune, M. Thiele and F. Helwert. 1,933,985; Nov. 7.
- Acids of the aliphatic series, Preparing sulphonic. H. Bertsch. 1,910,459; May 23.
- Acids of the diphenylmethane series and preparing the same, Organic. I. Gubelmann, H. J. Weiland, and O. Stallmann. 1,906,580; May 2.
- Acids of 2-aminoanthrahydroquinone sulphuric acid esters, Production of sulphaminic. R. Ratti. 1,934,143; Nov. 7.
- Acids or their salts, Manufacture of sulphonic. H. Limburg. 1,937,521; Dec. 5.
- Acids, Preparation of carboxylic. G. B. Carpenter. 1,924,763; Aug. 29.
- Acids, Preparation of carboxylic. J. C. Woodhouse. 1,924,762; Aug. 29.

- Acids, Preparation of organic. G. B. Carpenter. 1,940,674; Dec. 26.
- Acids, Preparation of organic. A. T. Larson. 1,940,988; Dec. 26.
- Acids, Preparation of organic. A. T. Larson. 1,940,989; Dec. 26.
- Acids, Preparation of organic. J. C. Woodhouse. 1,940,987; Dec. 26.
- Acids, Preparing anthraquinone sulphonic. I. Gubelmann and W. L. Kintelman. 1,899,957; Mar. 7.
- Acids, Producing sulphonic. H. Limburg. 1,895,195; Jan. 24.
- Acids, Production of aliphatic. H. R. Stiles. 1,913,346; June 6.
- Acids, Production of aliphatic di-carboxylic. W. Schrauth. 1,921,101; Aug. 8.
- Acids, Production of carboxylic. G. B. Carpenter. 1,924,766-9; Aug. 29.
- Acids, Production of fatty. C. Beck, H. Diekmann, and F. Kremp. 1,912,123; May 30.
- Acids, Production of monocarboxylic. A. O. Jaeger. 1,939,212; Dec. 12.
- Acids, Production of organic. M. Luther and Franzen. 1,927,841; Sept. 26.
- Acids, Production of sulphonic. H. Haussmann. 1,931,491; Oct. 24.
- Acids, Production of sulphonic. S. Pilat and J. Sereda. 1,933,070; Oct. 31.
- Acids, Purification of crude dicarboxylic. A. O. Jaeger. 1,900,649; Mar. 7.
- Acids, Purification of crude maleic. H. W. Witzel. 1,900,680; Mar. 7.
- Acids, Purification of organic. A. O. Jaeger and L. C. Daniels. 1,930,054; Oct. 10.
- Acids, Purifying sulphonic. H. Limburg. 1,903,466; Apr. 11.
- Acids, Recovering dilute. I. J. Krchma. 1,914,134; June 13.
- Acids, Recovery of organic. I. J. Krchma and W. J. Bloomer. 1,908,708; May 16.
- Acids, Recovery of tar. S. P. Miller. 1,918,283; July 18.
- Acids, Separating and recovering acetic and butyric. J. Martin and I. J. Krchma. 1,917,660; July 11.
- Acids, Synthetic manufacture of acyl benzoic. B. H. Jacobson. 1,933,375; Oct. 31.
- Acoustic apparatus. W. H. Hutter. 1,912,454; June 6.
- Acoustic apparatus. C. E. Lane. 1,913,451; June 13.
- Acoustic apparatus. V. A. Schlenker. 1,931,886; Oct. 24.
- Acoustic corrective material. C. K. Roos. 1,901,057; Mar. 14.
- Acoustic dampening device. E. A. Bescherer. 1,910,981; May 23.
- Acoustic device. E. H. Bedell. 1,907,712; May 9.
- Acoustic device. E. H. Bedell. 1,914,099; June 13.
- Acoustic device. R. E. Coleman. 1,893,796; Jan. 10.
- Acoustic device. J. G. Flint and D. G. McKie. 1,896,485; Feb. 7.
- Acoustic device. L. W. Giles. 1,925,659; Sept. 5.
- Acoustic device. H. C. Harrison. 1,905,704; Apr. 25.
- Acoustic device. H. Koch. 1,893,143; Jan. 3.
- Acoustic device. G. C. Muller. 1,909,375; May 16.
- Acoustic device. J. D. Seabert. 1,936,918; Nov. 28.
- Acoustic device. E. H. Smythe. 1,917,072; July 4.
- Acoustic device. R. L. Wegel. 1,926,888; Sept. 12.
- Acoustic device. E. C. Wentz. 1,930,915; Oct. 17.
- Acoustic device. W. L. Woolf and L. B. Cornwell. 1,913,164; July 11.
- Acoustic device, Electromagnetic. J. White and E. M. Payne. 1,916,703; July 4.
- Acoustic diaphragm. J. B. Brennan. 1,923,965; Aug. 22.
- Acoustic diaphragm. C. F. Dilks. 1,896,073; Feb. 7.
- Acoustic diaphragms, Constructing. J. B. Brennan. 1,923,966; Aug. 22.
- Acoustic into electric energy, Converting. A. Meissner. 1,931,669; Oct. 24.
- Acoustic material. J. H. Delaney. 1,906,138; Apr. 25.
- Acoustic panel for vehicles. L. S. Hannold. Des. 89,130; Jan. 31.
- Acoustic panel for vehicles. E. B. Patterson. Des. 88,982; Jan. 10.
- Acoustic system. E. L. Bowles. 1,941,385; Dec. 26.
- Acoustic tile. J. D. Macdonnell. 1,929,751; Oct. 10.
- Acoustic vibration. K. Pulvermacher. 1,922,821; Aug. 15.
- Acoustic wave filter. R. B. Bourne. 1,910,672; May 23.
- Acoustic waves with several listeners for a suitable time, Apparatus for connecting a source of. M. Baze. 1,921,961; Aug. 8.
- Acoustical board and the like, Method and machinery for the manufacture of. F. S. Farley. 1,904,285; Apr. 18.
- Acoustical construction. G. D. Kellogg and P. A. Voigt. 1,926,679; Sept. 12.
- Acoustical construction, Architectural. J. H. Nash. 1,910,628; May 23.
- Acoustical construction for interiors. J. H. Nash. 1,910,810; May 23.
- Acoustical diaphragm. W. C. Stenger. 1,913,645; June 13.
- Acoustical material. G. P. Little. 1,910,844; May 23.
- Acoustical product. R. Guastavino. 1,917,112; July 4.
- Acoustics. O. B. Hanson. 1,896,844; Feb. 7.
- Aeroline, Production of. E. Schwenk, M. Gehrke, and F. Aichner. 1,916,743; July 4.
- Actinometer. C. T. Brewer. 1,931,283; Oct. 17.
- Actinometer. W. T. Kennedy. 1,895,853; Jan. 31.
- Activity-analysis and recording device. C. H. Niederhauser. 1,923,793; Aug. 22.
- Activity or work by atmospheric conditions and displaying the same, Apparatus for producing. F. E. Holmes and A. O. Snoddy. 1,939,776; Dec. 19.
- Actuating device, Electrically controlled. S. E. Allen and O. N. Wiswell. 1,933,694; Nov. 7.
- Actuating handle. G. O. Wilms. 1,931,915; Oct. 24.
- Actuating mechanism. E. Davis. 1,910,826; May 23.
- Actuating mechanism for an electric safety razor. A. A. Grothe. 1,893,620; Jan. 10.
- Actuating mechanism for pressing machines. E. Davis. 1,894,929; Jan. 17.
- Actuator for a dry pipe sprinkler system. W. B. Griffith. 1,909,490; May 16.
- Acyl derivatives of 4,4'-diamino diphenyl oxide. E. F. Grether. 1,900,442; Mar. 7.
- Aclamino-anthraquinones and producing the same. R. J. Loveluck and J. Thomas. 1,939,218; Dec. 12.
- Adapter for apparatus handling receptacle. M. W. Lane and S. A. Price. 1,921,414; Aug. 8.
- Adapter for microray transmission lines, Conical. A. G. Clavier. 1,932,448; Oct. 31.
- Adapter unit. E. C. Guedon. 1,934,498; Nov. 7.
- Add-subtract control for computing machines. E. C. Walter. 1,919,919; July 25.
- Adding and calculating machine. J. E. W. Greve. 1,897,932; Feb. 14.
- Adding and listing machine. T. O. Mehan. 1,899,444; Feb. 28.
- Adding and subtracting machine. O. J. Sundstrand. 1,934,747; Nov. 14.
- Adding machine. A. Korowski. 1,911,515; May 30.
- Adding machine and typewriter, Combined. R. A. Christian. 1,939,804; Dec. 19.
- Adding machine ribbon mechanism. R. C. Coxhead and C. W. Norton. 1,923,078; Aug. 22.
- Adding machines and the like, Operating. L. Hage. 1,903,337; Apr. 4.
- Addition agent. R. Teats and R. L. Hasche. 1,931,854; Oct. 24.
- Addition products of the pyridine series and making same. M. Hartmann and M. Seiberth. 1,938,253; Dec. 5.
- Address plates, Stripping and truing. J. A. Hult and P. M. Colquhoun. 1,897,125; Feb. 14.
- Address printing apparatus. H. P. Elliott. 1,909,911; May 16.
- Addresses and other matter, Apparatus for simultaneously printing. H. P. Elliott. 1,909,912; May 16.
- Addressing and printing apparatus. H. P. Elliott. 1,909,910; May 16.
- Addressing and printing machine. H. P. Elliott. 1,916,564; July 4.
- Addressing machine. R. Elliott. 1,921,565; Aug. 8.
- Addressing machine. W. T. Gollwitzer. 1,900,281; Mar. 7.
- Addressing machine and other similar printing machines. A. Eley. 1,900,279; Mar. 7.
- Adhesive. W. H. Charch and J. E. Snyder. 1,929,013; Oct. 3.
- Adhesive. J. McGavack and A. A. Nikitin. 1,932,632; Oct. 31.
- Adhesive. W. C. Ware. 1,919,454; July 25.
- Adhesive and adhesive coated tape. K. L. Osmun. 1,933,026; Oct. 31.
- Adhesive and making same. L. Bradshaw. 1,919,158; July 18.
- Adhesive and making same. G. V. Caesar. 1,904,619; Apr. 18.
- Adhesive and making same. H. V. Dunham. 1,927,927; Sept. 26.
- Adhesive and making the same. M. B. Cooper. 1,925,232; Sept. 5.
- Adhesive and making the same. W. D. Fawthrop. 1,897,469; Feb. 14.
- Adhesive-applying mechanism. I. S. Bodkin. 1,922,523; Aug. 15.
- Adhesive applying mechanism. E. G. Staude. 1,935,731; Nov. 21.
- Adhesive composition and making same. W. F. Zimmerli and R. S. Havenhill. 1,937,861; Dec. 5.
- Adhesive, Method of and apparatus for applying. E. G. Rider. 1,932,989; Oct. 31.
- Adhesive plaster, Storing and dispensing surgical. H. R. Graham. 1,897,969; Feb. 14.
- Adhesive plastic composition. R. A. Bernhard. 1,895,367; Jan. 24.
- Adhesive, Producing a rubber. D. F. Twiss, F. A. Jones, and J. H. Anderson. 1,931,879; Oct. 24.
- Adhesive to be employed in the manufacture of water-proof abrasive products. J. Lemerle. 1,930,393; Oct. 10.
- Adhesive to diagonally seamed box blanks, Method and machine for applying. J. Wagner. 1,912,553; June 6.
- Adhesive to envelope blanks and the like, Device for applying. R. A. Nelson. 1,939,359; Dec. 12.
- Adhesives, Manufacture of. A. W. Holmberg. 1,932,624; Oct. 31.
- Adjustable brace. J. Dreyfuss. 1,893,986; Jan. 10.
- Adjustable chair. E. Ashleman. 1,919,820; July 25.
- Adjustable condenser. L. A. Gebhard. 1,906,904; May 2.
- Adjustable connector. C. E. Williams. 1,931,400; Oct. 17.
- Adjustable feeder. P. S. Martin. 1,894,278; Jan. 17.
- Adjustable frame. A. E. Shull. 1,916,022-3; June 27.
- Adjustable hinge. H. Vice. 1,908,383; May 9.

- Adjustable holder. G. O. Benson and E. J. Smyntek. 1,912,564; June 6.
- Adjustable holder. J. L. Knudson. 1,898,669; Feb. 21.
- Adjustable light. H. F. Dorris. 1,895,706; Jan. 31.
- Adjustable rack. A. J. Lloyd. 1,923,318; Aug. 22.
- Adjustable reading table. J. S. Ponten and O. W. Ponten. 1,938,638; Dec. 12.
- Adjustable reel. H. F. Sheeley. 1,899,117; Feb. 28.
- Adjustable seat. U. L. Thomas. 1,934,893; Nov. 14.
- Adjustable seat. B. N. Wallis. 1,933,197; Oct. 31.
- Adjustable stamp rack. J. R. Swift. 1,928,512; Sept. 26.
- Adjustable stand. E. G. and I. C. Buntschu. 1,913,790; June 13.
- Adjustable support. H. H. and W. D. Porter. 1,927,216; Sept. 19.
- Adjustable thrust bearing. F. Pizzini. 1,910,857; May 23.
- Adjustable truss pad. G. M. Powers. 1,936,855; Nov. 28.
- Adjustable valve. J. F. Culp. 1,918,959; July 18.
- Adjustable ventilator. V. F. Espenschief. 1,896,075; Feb. 7.
- Adjustable washer. J. W. French. 1,937,818; Dec. 5.
- Adjustable washer. G. C. Royse. 1,904,296; Apr. 18.
- Adjustable wire bale-tie. G. E. Gaus. 1,924,155; Aug. 29.
- Adjustable wrench. A. E. Carlberg. 1,924,023; Aug. 22.
- Adjustably supported seat. G. Flintermann. 1,902,632; Mar. 21.
- Adjustably supported seat. G. Flintermann. 1,928,814; Oct. 3.
- Adjuster for railway tracks. L. L. Wilson. 1,939,480; Dec. 12.
- Adjuster for supporting legs. J. J. Peters. 1,898,465; Feb. 21.
- Adjusting bearing, Stamped metal self. G. H. Hufford. 1,912,205; May 30.
- Adjusting device. E. K. Lynn. 1,910,491; May 23.
- Adjusting device and burglar alarm for casement windows. R. F. Prater. 1,940,770; Dec. 26.
- Adjusting device for photographic objectives. O. Barnack. 1,935,430; Nov. 14.
- Adjusting device for plate straightening machines. F. Ungerer. 1,905,530; Apr. 25.
- Adjusting means for cinematograph projectors. W. E. John. 1,913,488; June 13.
- Adjusting means for hosiery strippers. C. S. Tiers and H. F. Wanamaker. 1,914,310; June 13.
- Adjusting means for timing chains of automobiles. A. H. Regn. 1,929,851; Oct. 10.
- Adjusting-stretching table, Combination. W. M. Murray. 1,936,363; Nov. 21.
- Adjustment means for vehicle brake actuating mechanism. Automatic. J. W. White. 1,939,584; Dec. 12.
- Adsorbent. R. C. Wilbur. 1,916,902; July 4.
- Adsorbents, Increasing efficiency of. O. M. Urbain. 1,935,961; Nov. 21.
- Adsorber unit, Rotary. E. B. Miller and B. P. Fonda. 1,912,784; June 6.
- Adsorption system. B. P. Fonda. 1,924,849; Aug. 29.
- Adsorptive surfaces. Treating and using. J. F. Wait. 1,930,572; Oct. 17.
- Advertisements and the like, Apparatus for projecting. P. Muller. 1,931,825; Oct. 24.
- Advertisements united in a strip, Device for displaying. U. Diem-Bernet. 1,910,757; May 23.
- Advertiser, Aerial tow. B. B. Moeur, jr. 1,914,612; June 20.
- Advertising and calendar support, Combined. C. N. Montanye. Des. 90,546; Aug. 22.
- Advertising and carrier device. A. Deutschmeister. 1,914,803; June 20.
- Advertising and dispensing device, Combined. F. C. Kuhne. 1,925,144; Sept. 5.
- Advertising and display device, Combined. J. G. Gracey. 1,917,030; July 4.
- Advertising and like device. G. Briggs. 1,913,870; June 13.
- Advertising and like devices. E. A. Turner. 1,899,780; Feb. 28.
- Advertising apparatus. R. T. Waite. 1,934,107; Nov. 7.
- Advertising apparatus, Circulating display. T. A. Jenkins. 1,922,541; Aug. 15.
- Advertising, Apparatus for displaying. G. W. Eschenbach. 1,894,512; Jan. 17.
- Advertising band. M. J. Adelson. 1,913,258; June 6.
- Advertising carrier. A. Deutschmeister. 1,894,027-8; Jan. 10.
- Advertising device. J. H. Allen. 1,912,118; May 30.
- Advertising device. M. D. Buivid. 1,899,792; Feb. 28.
- Advertising device. E. Dobrowsky. 1,914,597; June 20.
- Advertising device. F. D. Fisher. 1,903,103; Mar. 28.
- Advertising device. T. C. Fowler. 1,922,579; Aug. 15.
- Advertising device. W. A. Freeland. 1,914,562; June 20.
- Advertising device. W. Hasenpatt. 1,905,706; Apr. 25.
- Advertising device. F. Hund. 1,900,061; Mar. 7.
- Advertising device. R. E. Kimball. 1,896,709; Feb. 7.
- Advertising device. V. B. Klebeck. 1,909,544; May 16.
- Advertising device. J. Kliegl. 1,932,277; Oct. 24.
- Advertising device. G. O. Matter. 1,900,187; Mar. 7.
- Advertising device. W. H. McDonald. 1,905,239; Apr. 25.
- Advertising device. M. V. Miller. 1,898,308; Feb. 21.
- Advertising device. J. M. Phillips. 1,931,995; Oct. 24.
- Advertising device. J. J. Reinhold. 1,926,649; Sept. 12.
- Advertising device. S. Rest. 1,917,328; July 11.
- Advertising device. J. J. Slattery. 1,921,102; Aug. 8.
- Advertising device, Aerial. J. Picco. 1,903,131; Mar. 28.
- Advertising device, Optical. J. J. Reinhold. 1,916,529; July 4.
- Advertising device or the like. H. A. Visel. Des. 89,808; May 2.
- Advertising device, Stamp containing. C. E. Petherbridge and C. F. Buckland. 1,927,415; Sept. 19.
- Advertising device, Tubular aerial. J. Picco. 1,898,149; Jan. 3.
- Advertising display. L. Schepmoes. 1,895,773; Jan. 31.
- Advertising display apparatus. I. D. Walter. 1,910,726; May 23.
- Advertising display apparatus, Panoramic pictorial. G. W. Eschenbach. 1,928,012; Sept. 26.
- Advertising display device. W. M. Harding. 1,928,935; Oct. 3.
- Advertising display device. H. W. Holland. Des. 90,031; May 30.
- Advertising display device. M. F. Lowry and W. M. Harding. 1,940,959; Dec. 26.
- Advertising display device. H. D. Stitzell. 1,920,221; Aug. 1.
- Advertising display sign. J. C. Black and G. F. Matthews. 1,932,441; Oct. 31.
- Advertising display stand. J. L. Younghusband. Des. 91,003; Nov. 7.
- Advertising frame. W. J. Simanek. 1,901,990; Mar. 21.
- Advertising lamp. G. L. Rowe. Des. 90,858; Oct. 10.
- Advertising, Method of and device for. C. A. Long, jr. 1,899,282; Feb. 28.
- Advertising novelty. E. C. H. Denton and A. H. Clime. Des. 90,872; Oct. 17.
- Advertising novelty. C. J. Provost. Des. 91,214-15; Dec. 19.
- Advertising projector. L. O. White and E. B. Renner. 1,896,928; Feb. 7.
- Advertising sign. A. W. Eckblom. Des. 88,863; Jan. 3.
- Advertising sign. M. Small. 1,911,588; May 30.
- Advertising sign. J. Valk. 1,906,668; May 2.
- Advertising sign, Illuminated. C. U. Johnson. 1,921,570; Aug. 8.
- Advertising station announcing system and method, Automatic. W. D. Hawk. 1,894,684; Jan. 17.
- Advertising structure, Outdoor. G. D. Overholtz. 1,892,998; Jan. 3.
- Aerating apparatus. E. H. Hautz. 1,940,350; Dec. 19.
- Aerating device. H. L. Staley. 1,920,220; Aug. 1.
- Aerating device. E. Stich. 1,920,719; Aug. 1.
- Aerating means for freezers and the like. A. H. Boileau. 1,907,486; May 9.
- Aerator, Lawn. D. L. Richards. 1,898,214; Feb. 21.
- Aerator, Sand. F. T. Spikerman. 1,907,888; May 9.
- Aerial. C. S. Franklin. 1,901,025; Mar. 14.
- Aerial. E. W. Warren. 1,896,927; Feb. 7.
- Aerial craft construction. J. Silverman. 1,906,114; Apr. 25.
- Aerial eliminator. T. I. Dean. Des. 90,973; Nov. 7.
- Aerial eliminator. F. L. Sobocinski. 1,922,335; Aug. 15.
- Aerial indicating means. J. P. Wolf. 1,937,374; Nov. 28.
- Aerial navigation instrument. J. W. Jones. 1,930,478; Oct. 17.
- Aerial navigation machines, Arrangement of sustaining propellers in. E. E. Oehmichen. 1,919,121; July 18.
- Aerial photography. S. Graham. 1,898,179; Feb. 21.
- Aerial sign. W. C. Keener. 1,917,978; July 11.
- Aerial support. R. G. Flor. 1,924,033; Aug. 22.
- Aerial supporting mast. A. Le Bourg. 1,914,264; June 13.
- Aerial system for use in wireless telegraphy and telephony. C. S. Franklin and E. Green. 1,908,595; May 9.
- Aerial toy. H. J. Abrams. 1,907,697; May 9.
- Aerodynamic instruction and testing apparatus. W. F. Gerhardt and C. A. Brock. 1,939,047; Dec. 12.
- Aerodynamic surface. V. Loughheed. 1,903,823; Apr. 18.
- Aerofoil beam. E. J. W. Ragsdale. 1,939,599; Dec. 12.
- Aeronautic equipment. W. Rahn. 1,894,057; Jan. 10.
- Aeronautical apparatus. R. T. Anderson. 1,929,011; Oct. 3.
- Aeronautical roof sign. J. D. Stebbins. 1,933,878; Nov. 7.
- Aeroplane. A. T. Abram. 1,923,249; Aug. 22.
- Aeroplane. L. Blériot. 1,916,092; June 27.
- Aeroplane. A. A. Braley. 1,938,171; Dec. 5.
- Aeroplane. G. Crompton, jr. 1,902,813; Mar. 28.
- Aeroplane. W. Darbyson. 1,931,753; Oct. 24.
- Aeroplane. D. A. Dorsey. 1,898,430; Feb. 21.
- Aeroplane. H. A. Douglas. 1,907,423; May 9.
- Aeroplane. G. W. Elmwall. 1,893,665; Jan. 10.
- Aeroplane. C. Fauvel. 1,915,055; June 20.
- Aeroplane. T. Gheorghe. 1,895,388; Jan. 24.
- Aeroplane. H. Hahn. 1,897,756; Feb. 14.
- Aeroplane. J. E. Hanson. 1,930,199; Oct. 10.
- Aeroplane. E. H. Lanier. 1,913,809; June 13.
- Aeroplane. S. W. Lanning. 1,905,389; Apr. 25.
- Aeroplane. D. A. Lucchese. 1,894,518; Jan. 17.
- Aeroplane. T. M. MacCaskie. 1,904,923; Apr. 18.
- Aeroplane. L. C. Michaelsen. 1,918,656; July 18.
- Aeroplane. P. Mosimann. 1,924,049; Aug. 22.
- Aeroplane. J. W. Phillips. 1,932,532; Oct. 31.
- Aeroplane. R. Porcello. 1,927,753; Sept. 19.
- Aeroplane. J. Preatka. 1,892,808; Jan. 3.
- Aeroplane. M. Quemin. 1,921,636; Aug. 8.
- Aeroplane. M. Sessa. 1,913,813; July 4.
- Aeroplane. D. E. Van Vactor. 1,907,394; May 2.
- Aeroplane. G. Vlahov. 1,895,871; Jan. 31.

- Aeroplane. V. L. Volpicelli. 1,917,561; July 11.
 Aeroplane. B. S. Welscher. 1,915,809; June 27.
 Aeroplane aerofoil wing. J. H. Montgomery. 1,910,626; May 23.
 Aeroplane attitude indicator. J. O. Gette, jr. 1,918,904; July 18.
 Aeroplane construction. W. F. Deutscher. 1,893,275; Jan. 3.
 Aeroplane control, Hydraulic. S. P. Winther, jr. 1,935,004; Nov. 14.
 Aeroplane fabric. G. C. Given, H. W. Letts, and N. W. Thomson. 1,940,212; Dec. 19.
 Aeroplane flying teaching apparatus. M. J. Helper. 1,934,464; Nov. 7.
 Aeroplane, Highlight. N. L. Causan. 1,926,968; Sept. 12.
 Aeroplane instrument. J. O. Gette, jr. 1,935,740; Nov. 21.
 Aeroplane, Model. C. M. and J. M. Wilmot. 1,935,533; Nov. 14.
 Aeroplane propeller. S. Ftacek. 1,913,590; June 13.
 Aeroplane releaser, Automatic. E. Aiello. 1,930,462; Oct. 17.
 Aeroplane rotor. F. F. Petersen. 1,906,764; May 2.
 Aeroplane running gear. I. M. Laddon and S. P. Lyon. 1,930,720; Oct. 17.
 Aeroplane shutter. R. B. Beisel and G. A. Page, jr. 1,908,726; May 16.
 Aeroplane structure. J. H. Smith. 1,932,681; Oct. 31.
 Aeroplane swing, Looping. W. C. Balke. 1,915,879; June 27.
 Aeroplane, Tandem wing. A. Lanzetta. 1,896,922; Feb. 7.
 Aeroplane, Transport. R. W. Ayer. Des. 90,796; Oct. 3.
 Aeroplane window cleaner. H. Hueber and E. C. Horton. 1,920,144; July 25.
 Aeroplane wing. R. W. Griswold. 1,918,536; July 18.
 Aeroplane wing construction. G. M. Bellanca. 1,901,864; Mar. 21.
 Aeroplane wing structure and making the same. V. Loughheed. 1,922,311; Aug. 15.
 Aeroplane with four axially arranged engines. R. Bratu. 1,928,326; Sept. 26.
 Aeroplane with V-shaped wings. W. E. Bell. 1,898,710; Feb. 21.
 Aeroplanes, Device for winding model. C. M. and J. M. Wilmot. 1,935,534; Nov. 14.
 Aeroplanes, Devices for the longitudinal control of. E. T. D. Floresta. 1,929,061; Oct. 3.
 Aeroplanes, Shock absorbing strut for. R. L. Gruse. 1,918,699; July 18.
 Aeroplanes, Stabilizing mechanism for. W. C. Jenkins. 1,909,682; May 16.
 Aeroship, Three-hulled. S. E. Hitt. 1,917,446; July 11.
 Agar-petrolatum compositions, Preparation of. F. W. Nitardy, F. F. Berg, and P. Georgi. 1,913,561; June 13.
 Age resister. A. M. Clifford. 1,894,230; Jan. 10.
 Age-resister. G. R. Yohe. 1,909,329; May 16.
 Age retarder. A. M. Clifford and W. M. Lauter. 1,906,314; May 2.
 Age retarders. A. M. Clifford. 1,923,706; Aug. 22.
 Agent and process for drenching skins. W. Neugebauer. 1,940,265; Dec. 19.
 Agent for exterminating animal or vegetable pests. K. Marx and K. Brodersen. 1,898,554; Feb. 21.
 Agglomerates, Coking of. E. H. Bunce. 1,929,408; Oct. 10.
 Aggregate coater. A. W. Knox. 1,934,073; Nov. 7.
 Aggregate spreader and truck body. F. B. Hurt. 1,901,297; Mar. 14.
 Aggregates from breaker waste and the like, Producing light weight. C. E. Cooper and H. S. Gilbertson. 1,896,884; Feb. 7.
 Aggregates from earth substances, Producing. F. A. Glass. 1,906,748; May 2.
 Aggregates weighing loading skip. E. H. Lichtenberg. 1,896,906; Feb. 7.
 Aging process and apparatus for printed fabric. R. E. Rupp. 1,913,615; June 13.
 Agitating and disintegrating device. A. A. David. 1,916,192; July 4.
 Agitating and feeding mechanism for stokers. J. Wynn, jr. 1,919,972; July 25.
 Agitating apparatus. E. D. McCaddam. 1,904,796; Apr. 18.
 Agitating attachment for vehicle bodies. S. Shafer, jr. 1,894,475; Jan. 17.
 Agitator. A. Holmquist. 1,940,752; Dec. 26.
 Agitator. J. B. Kintzing. 1,925,925; Sept. 5.
 Agitator. B. E. Thoen. 1,901,998; Mar. 21.
 Agitator and conveyor. E. S. Pearce. 1,911,528; May 30.
 Agitator attachment. M. I. Barthell. 1,932,385; Oct. 24.
 Agitator, Centrifugal spiral. D. E. Dobyns. 1,915,053; June 20.
 Agitator for a washing machine. A. H. Labisky. Des. 90,835; Oct. 10.
 Agitator for washing machines. P. E. Barker. 1,917,867; July 11.
 Agitator for washing machines. C. R. Wenger. 1,918,945; July 18.
 Agitator paddle and the like. R. K. Miner. 1,910,258; May 23.
 Agricultural apparatus. C. F. Broemmelsick and C. A. Wilmas. 1,938,132; Dec. 5.
 Agricultural implement. H. E. Altgelt. 1,897,355; Feb. 14.
 Agricultural implement. T. Brown. 1,923,253; Aug. 22.
 Agricultural implement. C. L. Cook. 1,914,992; June 20.
 Agricultural implement. J. S. Goodman. 1,912,706; June 6.
 Agricultural implement. C. E. Johnson. 1,901,909; Mar. 21.
 Agricultural implement. A. Kerns. 1,893,863; Jan. 10.
 Agricultural implement. E. E. Metcalf. 1,935,811; Nov. 21.
 Agricultural implement. E. R. Perry. 1,896,011; Jan. 31.
 Agricultural implement. G. Roach and D. Winn. 1,937,436; Nov. 28.
 Agricultural implement. W. Schirmer. 1,906,107; Apr. 25.
 Agricultural implement. W. F. Strehlow. 1,906,450; May 2.
 Agricultural implement. C. E. White. 1,895,432; Jan. 24.
 Agricultural implement. C. H. White. 1,934,899; Nov. 14.
 Agricultural implement, Tractor-drawn. H. Ferguson. 1,916,945; July 4.
 Agricultural machine. D. H. Grant. 1,932,660; Oct. 31.
 Agricultural machine. W. Meyer. 1,930,015; Oct. 10.
 Agricultural machine. M. Romera. 1,893,871; Jan. 10.
 Agricultural machine. J. W. Tapp. 1,901,539; Mar. 14.
 Agriculture device. N. E. Brown. 1,914,733; June 20.
 Aim perfecting attachment for guns. L. DeFlorez. 1,923,531; Aug. 22.
 Aiming apparatus for antiaircraft fire. R. Riberolles. 1,894,788; Jan. 17.
 Air adjuster, Safety window. J. C. Chalupa. 1,899,853; Feb. 28.
 Air and conditioning fuel mixtures, Apparatus for cleaning. G. H. Davis. 1,929,017; Oct. 3.
 Air and fuel control. A. L. Stevens. 1,924,217; Aug. 29.
 Air and gas control with foot rest, Combined. D. L. Suiter. 1,934,953; Nov. 14.
 Air and gas distributing device. F. J. Kurth and J. Sassenberg. 1,926,778; Sept. 12.
 Air and gas mixing apparatus. W. W. Kemp and W. H. Van Horn. 1,898,778; Feb. 21.
 Air and other separator. G. H. Fraser. 1,931,533; Oct. 24.
 Air and solid particles, Device for mixing. E. G. Bailey. 1,911,543; May 30.
 Air, Apparatus for catching a moving volume of. P. J. Segul. 1,912,660; June 6.
 Air, Apparatus for conditioning. S. M. Anderson. 1,936,243; Nov. 21.
 Air, Apparatus for conditioning. C. F. Shadle. 1,909,227; May 16.
 Air, Apparatus for filtering. G. S. Dauphinee. 1,899,017; Feb. 28.
 Air, Apparatus for humidifying and filtering or purifying. S. H. Leftwich. 1,915,938; June 27.
 Air, Apparatus for regulating the temperature and oxygen contents of. T. A. Taylor. 1,913,347; June 6.
 Airbag treating machine. C. E. Maynard. 1,906,327; May 2.
 Air brake. C. A. Campbell. 1,900,043; Mar. 7.
 Air brake. C. A. Campbell. 1,912,567; June 6.
 Air brake. C. A. Campbell. 1,913,474; June 13.
 Air brake. C. A. Campbell. 1,916,299; July 4.
 Air brake. C. A. Campbell. 1,918,632; July 18.
 Air brake. C. A. Campbell. 1,928,091-2; Sept. 26.
 Air brake. C. A. Campbell. 1,929,575; Oct. 10.
 Air brake. C. A. Campbell. 1,936,827; Nov. 28.
 Air brake. H. E. Honeywell. 1,940,950; Dec. 26.
 Air brake. F. J. Super. 1,910,936; May 23.
 Air brake release valve. G. Lasco. 1,929,174; Oct. 3.
 Air circulating device. J. Burke. 1,906,533; May 2.
 Air circulating means for portable hammer. J. N. Baker. 1,920,673; Aug. 1.
 Air circulating system. F. D. Pitt. 1,936,914; Nov. 28.
 Air circulator. F. N. Ross. Des. 89,212; Feb. 7.
 Air circulator. M. Weber. Des. 91,002; Nov. 7.
 Air cleaner. J. Cartmell. 1,926,433; Sept. 12.
 Air cleaner. H. R. Davies. 1,925,373; Sept. 5.
 Air cleaner. F. A. Donaldson. 1,926,841; Sept. 12.
 Air cleaner. C. H. Gagen. 1,895,619; Jan. 31.
 Air cleaner. H. H. Garner, F. R. Nohavee, and G. H. Hopkins. 1,897,372; Feb. 14.
 Air cleaner. F. Feather. 1,930,357; Oct. 10.
 Air cleaner. C. S. Kegerreis and J. B. Lindecker. 1,934,311; Nov. 7.
 Air cleaner. T. G. Moulding. 1,896,640; Feb. 7.
 Air cleaner. T. G. Moulding and J. T. Beatty. 1,922,315; Aug. 15.
 Air cleaner. F. S. Orem. 1,898,259; Feb. 21.
 Air cleaner. J. P. Quam. 1,912,657; June 6.
 Air cleaner. C. E. Summers. 1,906,432; May 2.
 Air cleaner. C. E. Summers. 1,929,103; Oct. 3.
 Air cleaner. G. M. Walton. 1,918,006; July 11.
 Air cleaner. C. A. Winslow. 1,912,235; May 30.
 Air cleaner and muffler. H. G. Kamrath. 1,899,911; Feb. 28.
 Air cleaner device. J. Cartmell. 1,914,681; June 20.
 Air cleaner for internal combustion engines. J. A. L. Ruwoldt. 1,903,597; Apr. 11.
 Air cleaner, Multistage type. H. G. Kamrath. 1,922,638; Aug. 15.
 Air cleaners, Cleanable inlet for. H. H. Garner, F. R. Nohavee, and G. H. Hopkins. 1,897,371; Feb. 14.
 Air cleaning. J. S. Barnes. 1,898,807; Feb. 21.
 Air cleaning apparatus. A. Lesage. 1,917,310; July 11.
 Air compressing apparatus. W. B. Hale. 1,896,404; Feb. 7.

- Air compressor. N. Herzmark. 1,900,284; Mar. 7.
 Air compressor. A. J. Rix. 1,925,544; Sept. 5.
 Air compressor, Direct acting internal combustion. R. P. Pescara. 1,897,674; Feb. 14.
 Air conditioner. H. D. Betz. 1,945,345; Nov. 14.
 Air conditioner. E. L. Fonseca, E. M. Hunt, and M. C. Barnum. 1,911,562; May 30.
 Air conditioner. F. Hands. 1,927,607; Sept. 19.
 Air conditioner. H. T. Johnson. 1,905,101; Apr. 25.
 Air conditioner. T. J. Kehoe. 1,903,339; Apr. 4.
 Air conditioner. W. L. Mack. 1,937,829; Dec. 5.
 Air conditioner. P. Mohler. 1,927,593; Sept. 19.
 Air conditioning. T. Chester. 1,913,659; June 13.
 Air conditioning and circulating device. A. W. Conley. 1,894,085; Jan. 10.
 Air conditioning and circulating unit. S. H. Downs. 1,927,869; Sept. 26.
 Air conditioning apparatus. F. R. Alger. 1,922,790; Aug. 15.
 Air conditioning apparatus. S. M. Anderson. 1,933,039; Oct. 31.
 Air conditioning apparatus. W. W. Carson, jr. 1,936,326; Nov. 21.
 Air conditioning apparatus. E. M. Hunt and E. L. Fonseca. 1,900,501; Mar. 7.
 Air conditioning apparatus. A. H. Kundee. 1,910,110; May 23.
 Air conditioning apparatus. L. L. Landauer. 1,924,447; Aug. 29.
 Air conditioning apparatus. R. D. McIntosh. 1,927,465; Sept. 19.
 Air conditioning apparatus. L. W. Melcher. 1,921,257; Aug. 8.
 Air conditioning apparatus. F. L. Meyer. 1,933,635; Nov. 7.
 Air conditioning apparatus. P. Mohler and P. Frantz. 1,898,591; Feb. 21.
 Air conditioning apparatus. R. P. Rasmussen. 1,905,422; Apr. 25.
 Air conditioning apparatus. L. P. Reiss. 1,903,137; Mar. 28.
 Air conditioning apparatus. P. W. Stromberg. 1,899,995; Mar. 7.
 Air conditioning apparatus. D. Tenney. 1,903,250; Mar. 28.
 Air conditioning apparatus. F. H. Wilde. 1,895,954; Jan. 31.
 Air conditioning control. S. M. Anderson. 1,902,818; Mar. 28.
 Air conditioning device. J. Grison. 1,903,452; Apr. 11.
 Air conditioning device. W. M. Johnson. 1,923,330; Oct. 31.
 Air conditioning device. J. W. Norris. 1,925,907; Sept. 5.
 Air conditioning device. F. M. Opitz. Des. 89,054; Jan. 17.
 Air conditioning device. J. J. Strang and E. P. Brus. 1,933,771; Nov. 7.
 Air conditioning device. A. Young. 1,941,425; Dec. 26.
 Air conditioning device for vacuum cleaners. D. H. Chason. 1,931,884; Oct. 24.
 Air conditioning, Domestic. E. B. Miller. 1,925,812; Sept. 5.
 Air conditioning means. F. J. Day. Re18,755; Feb. 28.
 Air conditioning method and apparatus. S. M. Anderson. 1,917,006; July 4.
 Air-conditioning method and apparatus. J. H. Davis and S. M. Anderson. 1,932,513; Oct. 31.
 Air conditioning plant. L. L. Mahon. 1,937,238; Nov. 28.
 Air conditioning substance. F. A. Hessel. 1,907,809; May 9.
 Air conditioning system. C. A. Bulkeley. 1,919,197; July 25.
 Air conditioning system. E. D. Campbell and W. H. Herdlein. 1,937,546; Dec. 5.
 Air conditioning system for railway cars. W. Herdlein. 1,937,568; Dec. 5.
 Air conditioning system for railway cars. L. W. Melcher. 1,905,040; Apr. 25.
 Air conditioning, System of. F. T. Leilich. 1,929,176; Oct. 3.
 Air control device with automatic release. D. Murphy and G. F. Leiberger. 1,892,734; Jan. 3.
 Air control for engines. O. H. Spencer. 1,925,851; Sept. 5.
 Air control for pneumatic lubricating systems. C. F. Hooper. 1,907,813; May 9.
 Air control, Internal combustion engine supplementary. M. B. Small. 1,916,938; July 4.
 Air control mechanism. D. F. Searle. 1,930,827; Oct. 17.
 Air controlling means for carburetors. W. A. Heide. 1,901,810; Mar. 14.
 Air controlling mechanism for paint-filtering apparatus. F. N. George. 1,916,758; July 4.
 Air cooled brake. J. Mulder. 1,922,318; Aug. 15.
 Air cooled combustion engine. L. C. Frank. 1,922,200; Aug. 15.
 Air cooler. L. W. Melcher. 1,917,537; July 11.
 Air cooler and humidifier. F. E. Snowden and J. P. Roach. 1,903,301; Apr. 4.
 Air cooler for firearms. R. von Frommer. 1,913,254; June 6.
 Air cooling. F. A. Kitchen. 1,902,246; Mar. 21.
 Air cooling and conditioning apparatus. S. Kuno. 1,912,208; May 30.
 Air, Cooling and drying. W. L. Fleisher. Re18,831; May 16.
 Air cooling apparatus. F. W. Meyenburg. 1,934,551; Nov. 7.
 Air cooling attachment for electric fans. W. G. Rogers. 1,916,332; July 4.
 Air cooling machine. C. H. Schmidt. 1,912,596; June 6.
 Aircraft. H. J. Alderson. 1,918,204; July 11.
 Aircraft. A. F. Arcier and R. W. Gibson. 1,918,079; July 11.
 Aircraft. H. Bolas. 1,933,307; Oct. 31.
 Aircraft. C. P. Burgess. 1,925,133; Sept. 5.
 Aircraft. V. J. Burnelli. 1,917,428; July 11.
 Aircraft. V. J. Burnelli. 1,918,687-8; July 18.
 Aircraft. S. Cotrompas. 1,901,734; Mar. 14.
 Aircraft. J. H. Crossman, 3d. 1,922,124; Aug. 15.
 Aircraft. E. W. Dichman. 1,927,309; Sept. 19.
 Aircraft. C. D. Ellington. 1,904,281; Apr. 18.
 Aircraft. R. W. Fleming. 1,939,682; Dec. 19.
 Aircraft. B. H. Gudorf and U. H. Gudorf. 1,923,973; Aug. 22.
 Aircraft. D. A. Hall. 1,895,458; Jan. 31.
 Aircraft. R. G. Jones. 1,922,371; Aug. 15.
 Aircraft. H. Junkers. 1,900,502; Mar. 7.
 Aircraft. F. C. Kusse. 1,924,192; Aug. 29.
 Aircraft. J. E. Lake. 1,916,956; July 4.
 Aircraft. G. Loening. 1,921,992; Aug. 8.
 Aircraft. W. C. Martin. 1,893,638; Feb. 21.
 Aircraft. J. B. McPherson. 1,895,679; Jan. 31.
 Aircraft. J. Mersch. 1,913,556; June 13.
 Aircraft. G. F. Myers. 1,928,980; Oct. 3.
 Aircraft. H. F. Fitcain and A. E. Larsen. 1,895,521; Jan. 31.
 Aircraft. O. Richter. 1,924,651; Aug. 29.
 Aircraft. B. M. Schauman. 1,907,160; May 2.
 Aircraft. J. S. Smyser. 1,911,041; May 23.
 Aircraft. H. Tebbis. 1,892,910; Jan. 3.
 Aircraft. A. P. Thurston. 1,936,179; Nov. 21.
 Aircraft. S. H. Turrell. 1,928,578; Sept. 26.
 Aircraft. G. T. Voorhees. 1,938,234; Dec. 5.
 Aircraft. J. H. Wetzel. 1,919,142; July 18.
 Aircraft. E. B. Wilford. 1,905,776; Apr. 25.
 Aircraft. E. F. Zaparka. 1,893,064; Jan. 3.
 Aircraft. E. F. Zaparka. 1,927,535; Sept. 19.
 Aircraft aerofoil. A. Lippisch. 1,931,928; Oct. 24.
 Aircraft, Amphibian. H. Bolas and R. J. G. Crouch. 1,910,423; May 23.
 Aircraft, Amphibian. V. J. Bunelli. 1,916,413; July 4.
 Aircraft, Amphibian. V. J. Burnelli. 1,930,922; Oct. 17.
 Aircraft and control thereof. E. F. Zaparka. 1,893,065; Jan. 3.
 Aircraft and refueling the same, Facilitating the taking-off and landing of. T. E. Steiber. 1,925,212; Sept. 5.
 Aircraft and refueling the same, Facilitating the taking-off and landing of. T. E. Steiber. 1,940,030; Dec. 19.
 Aircraft and screw propeller therefor. R. Chillingworth. 1,897,463; Feb. 14.
 Aircraft, Apparatus for determining the speed of flight of. C. von Hofe and J. Boykow. 1,903,886; Apr. 18.
 Aircraft carrier, Aerial. W. J. Perkins. 1,912,722; June 6.
 Aircraft control. A. F. Vinje. 1,892,916; Jan. 3.
 Aircraft control. E. F. Zaparka. 1,927,537; Sept. 19.
 Aircraft control means. E. M. Bertran. 1,896,999; Feb. 7.
 Aircraft control means. T. B. Lavelle. 1,902,133; Mar. 21.
 Aircraft, Control mechanism for. R. P. Mueller. 1,900,068; Mar. 7.
 Aircraft control surface adjusting mechanisms. A. F. Vinje. 1,892,915; Jan. 3.
 Aircraft, Control surface for. R. C. Blaylock. 1,892,927; Jan. 3.
 Aircraft control means. R. H. Upson. 1,935,824; Nov. 21.
 Aircraft construction. S. P. Lyon. 1,939,506; Dec. 12.
 Aircraft, Display in. H. H. Haines. 1,923,725; Aug. 22.
 Aircraft, Drift indicator for. J. M. Dunlea. 1,926,583; Sept. 12.
 Aircraft engine. G. M. Bellanca. 1,917,791; July 11.
 Aircraft, especially aircraft of the amphibian type and body boat structure for same. I. Sikorsky. 1,898,695; Feb. 21.
 Aircraft, especially amphibian aircraft including wings, outriggers, K-braces, V-struts, landing gear, and tail members for same. I. Sikorsky. 1,906,823; May 2.
 Aircraft for a predetermined course, Apparatus for adjusting. A. Clementi. 1,920,959; Aug. 8.
 Aircraft having air actuated sustaining means, Construction and control of. J. S. Pecker. 1,929,512; Oct. 10.
 Aircraft having freely rotative sustaining wings. A. H. C. A. Rawson. 1,921,839; Aug. 8.
 Aircraft having sustaining rotors. A. E. Larsen. 1,899,096; Feb. 28.
 Aircraft, Helicopter. C. C. Holmes. 1,892,949; Jan. 3.
 Aircraft, Helicopter. B. Nagler and R. Hafner. 1,909,845; May 16.
 Aircraft, Helicopter-type. H. Klatt. 1,911,695; May 20.
 Aircraft, Indicating system for. E. F. W. Alexanderson. 1,907,471; May 9.
 Aircraft, Landing deck for. F. F. Kookogey. 1,914,573; June 20.
 Aircraft landing gear. J. C. Radnor. 1,918,426; July 18.
 Aircraft landing system. J. A. Willoughby. 1,898,474; Feb. 21.
 Aircraft, Launching. R. H. Mayo. 1,925,768; Sept. 5.
 Aircraft, Method of and apparatus for controlling. J. R. Cox. 1,908,408; May 9.

- Aircraft not visible to the naked eye, Apparatus for determining the position of, J. Schier, K. Petschenig, and A. Peinl. 1,902,727; Mar. 21.
- Aircraft of the rotative-blade type. A. E. Larsen. 1,917,530; July 11.
- Aircraft parts, Energizing the boundary layer on. E. A. Stalker. 1,913,644; June 13.
- Aircraft, Power means for. A. Eriksson. 1,893,936; Jan. 10.
- Aircraft propeller, Rotary wing. C. R. Ohnsorg. 1,904,746; Apr. 18.
- Aircraft propellers, Attachment for. H. Schanke. 1,924,461; Aug. 29.
- Aircraft propulsion. A. Hall-Brown. 1,904,134; Apr. 18.
- Aircraft propulsion. W. Harper, jr. 1,911,567; May 30.
- Aircraft propulsion. C. B. Huntman. 1,929,690; Oct. 10.
- Aircraft propulsion mechanism. L. Balga. 1,894,844; Jan. 17.
- Aircraft, Propulsion of. R. H. Goddard. 1,929,778; Oct. 10.
- Aircraft provided with rotatable wings, of the helicopter type, Device for stabilizing and controlling. L. Breguet. 1,893,395; Jan. 3.
- Aircraft, Rotary winged. J. S. Pecker. 1,898,097; Feb. 21.
- Aircraft, Rotary-winged. P. H. Stanley. 1,901,132; Mar. 14.
- Aircraft, Rotative winged. H. Alfaro. 1,908,212; May 9.
- Aircraft, Sextant for. A. F. Hegenberger. 1,895,510; Jan. 31.
- Aircraft steering system. A. Urfer and P. W. Koch. 1,932,330; Oct. 24.
- Aircraft structure. F. E. Loudy. 1,939,558; Dec. 12.
- Aircraft structure. G. H. Pegram. 1,921,428; Aug. 8.
- Aircraft sustaining system and propulsion. E. F. Zaparka. 1,927,536; Sept. 19.
- Aircraft, Tail wheel assembly for. K. M. Ronan. 1,937,596; Dec. 5.
- Aircraft training device. W. E. Huffman. 1,927,938; Sept. 26.
- Aircraft upon watercraft, Method and apparatus for hauling. H. Hein. 1,931,820; Oct. 24.
- Aircraft wheel brake system. E. F. Goodyear, J. Wright, and H. Trevasakis. 1,917,933; July 11.
- Aircraft, Wing and like member for. E. F. Martin. 1,913,169; June 6.
- Aircraft wings. A. Gebbert. 1,936,786; Nov. 28.
- Aircraft with rotative blades or wings. H. F. Pitcairn. 1,908,177; May 9.
- Aircraft with rotative sustaining blades. J. de la Cierva. 1,910,520; May 23.
- Aircraft with rotative sustaining blades. J. De la Cierva. 1,911,183; May 30.
- Aircraft with rotative sustaining blades. J. de la Cierva. 1,936,752; Nov. 28.
- Aircraft with rotative sustaining blades or wings. H. F. Pitcairn. 1,894,418; Jan. 17.
- Aircraft with rotative wings. J. de la Cierva. 1,894,673; Jan. 17.
- Aircraft with rotative wings. J. G. Weir. 1,897,092; Feb. 14.
- Air currents and controlling temperature of same, Generating. G. Van Daam. 1,937,611; Dec. 5.
- Air deflecting ventilator. J. H. Dixon. 1,939,294; Dec. 12.
- Air deflector. L. O. Cameron. 1,917,093; July 4.
- Air deflector. E. Strong. 1,895,352; Jan. 24.
- Air deflector, Hot. B. O. Anderson. 1,899,603; Feb. 28.
- Air delivering and gas removing, Portable. L. Kessler. 1,910,170; May 23.
- Air, Device for distributing. J. Sassenberg. 1,926,794; Sept. 12.
- Air diffuser and damper, Combination. R. C. Worrell. 1,918,008; July 11.
- Air distributor for automobile heaters. G. W. Veale. 1,941,330; Dec. 26.
- Air drier. R. Reumelin. 1,899,988; Mar. 7.
- Air drying composition. H. L. Bender. 1,922,272; Aug. 15.
- Air drying device. C. R. Downs. 1,914,941; June 20.
- Air extractor. B. W. Cherry. 1,910,088; May 23.
- Air feeding system for coal burners. W. W. Ridgley. 1,913,088; June 6.
- Air filter. H. E. Birkholz. 1,926,933; Sept. 12.
- Air filter. L. Blackmore. 1,936,659; Nov. 28.
- Air filter. V. C. Canter. 1,934,619; Nov. 7.
- Air filter. V. Dahlman. 1,925,793; Sept. 5.
- Air filter. C. A. Ettem. 1,908,334; May 9.
- Air filter. C. H. Gagen. 1,899,028; Feb. 28.
- Air filter. E. A. Gartha. 1,892,982; Jan. 3.
- Air filter. J. P. Kolla. 1,914,667; June 20.
- Air filter. C. A. Winslow. 1,898,027; Feb. 21.
- Air filter device. J. H. Federer. 1,895,618; Jan. 31.
- Air flow with automatic pressure regulation. E. Davis. 1,917,362; July 11.
- Airfoil, Metallic. E. A. Hughes. 1,902,956; Mar. 28.
- Air for a furnace, Heating combustion. C. E. Lucke. 1,904,153; Apr. 18.
- Air for internal combustion engines, Apparatus for the distribution and injection. J. Konstantinoff. 1,906,008; Apr. 25.
- Air forcing apparatus for air furnaces. W. N. Mueller. 1,903,552; Apr. 11.
- Air from liquids, Method and apparatus for removing. W. S. Elliott. 1,907,050; May 2.
- Air-gas, Apparatus for producing. R. W. Thomas. 1,927,379; Sept. 19.
- Air gun. J. C. Lay. 1,894,879; Jan. 17.
- Air hammer driven wrench. J. H. R. Smith. 1,923,122; Aug. 22.
- Air heater. G. Bluemel. 1,895,966; Jan. 31.
- Air heater. G. Bluemel. 1,913,019; June 6.
- Air heater. H. J. Kerr. 1,894,956; Jan. 24.
- Air heater. D. W. Lake. Re18,777; Mar. 28.
- Air heater. C. E. Lucke and R. Cassidy. 1,894,957; Jan. 24.
- Air heater. W. L. Mack. 1,899,098; Feb. 28.
- Air heater. A. Soloos. 1,927,959; Sept. 26.
- Air heater. T. W. Torr. 1,925,122; Sept. 5.
- Air heater, Warm. D. R. Richardson and A. R. Lynd. 1,894,122; Jan. 10.
- Air heating apparatus. C. K. Prince. 1,898,571; Feb. 21.
- Air heating device. A. B. Modine. 1,893,631; Jan. 10.
- Air hub wheel. E. J. Gettinger. 1,940,541; Dec. 19.
- Air humidifier and washer. H. M. Hall. 1,894,864; Jan. 17.
- Air humidifying and washing apparatus. L. Larson. 1,908,030; May 9.
- Air humidifying apparatus. L. D. Houllis. 1,912,480; June 6.
- Air induction means for internal combustion engines. A. Rosner. 1,922,640; Aug. 15.
- Air in enclosed spaces, Mechanical means for circulating. E. A. Gorman. 1,935,590; Nov. 14.
- Air in railway cars, Method and apparatus for cooling and conditioning. W. J. Madden. 1,939,179; Dec. 12.
- Air inlet control and operating a pump-turbine. L. F. Moody. 1,941,361; Dec. 26.
- Air inlet for fuel intake passage, Variable. M. Mallory. 1,909,777; May 16.
- Air intake manifold for use on Diesel engines. J. B. Huglen. 1,930,201; Oct. 10.
- Air jet, Hydraulic. J. P. Carter and G. R. McAlpine. 1,936,246; Nov. 21.
- Air lift. L. C. Stukenborg. 1,912,103; May 30.
- Air lift transfer device. O. H. Manken. 1,930,608; Oct. 17.
- Air-lift trap, Siphonic. W. R. Brandau. 1,903,773; Apr. 18.
- Air, Liquefying and rectifying. M. Hazard-Flamand. 1,901,389; Mar. 14.
- Air-mail pick-up and deposit mechanism. L. P. Wolf. 1,902,391; Mar. 21.
- Air, Mechanical system for heating or cooling. F. M. Darrow. 1,906,370; May 2.
- Air, Method and apparatus for conditioning. H. O. Forrest and L. Van Horn. 1,909,823; May 16.
- Air, Method and apparatus for conditioning. H. O. Forrest and L. Van Horn. 1,919,781; July 25.
- Air, Method and apparatus for conditioning. A. D. Karr and K. D. Perkins. 1,904,468; Apr. 18.
- Air, Method and apparatus for purifying and diffusing. W. Shurtleff. 1,937,483; Nov. 28.
- Air, Method of and apparatus for tempering. J. F. Hoffman. 1,936,432; Nov. 21.
- Air, moisture, and soundproof material. A. C. Fischer. 1,939,004; Dec. 12.
- Air motor. E. S. Cornell, jr. 1,926,528; Sept. 12.
- Air motor. G. S. Hull. 1,925,445; Sept. 5.
- Air navigation apparatus. A. M. Trogner. 1,911,169; May 23.
- Air or gas distributor. J. Sassenberg. 1,926,795; Sept. 12.
- Air or liquid pump, Electromagnetic. I. A. Rimstad and J. Teilmann. 1,925,934; Sept. 5.
- Air or the like, Conditioning. E. Altenkirch. 1,918,682; July 18.
- Air painting system and the like. J. A. Paasche. 1,893,562; Jan. 10.
- Airplane. R. W. Ayer. Des. 91,184; Dec. 19.
- Airplane. J. M. Ballou and V. W. Balzer. 1,931,809; Oct. 24.
- Airplane. F. G. Baum. 1,900,689; Mar. 7.
- Airplane. V. Belizzi. 1,903,752; Apr. 18.
- Airplane. V. J. Burnelli. Re18,990; Nov. 7.
- Airplane. V. J. Burnelli. Des. 90,614; Sept. 5.
- Airplane. W. Darbyson. Re18,882; June 27.
- Airplane. R. C. Ellis. 1,910,098; May 23.
- Airplane. R. F. Hall. 1,916,475; July 4.
- Airplane. T. P. Hall. 1,906,005; Apr. 25.
- Airplane. H. A. Hicks. 1,921,294; Aug. 8.
- Airplane. L. L. Jones. 1,924,122; Aug. 29.
- Airplane. J. Klein. 1,939,061; Dec. 12.
- Airplane. A. C. Loedding. 1,897,669; Feb. 14.
- Airplane. G. Loening. 1,911,577; May 30.
- Airplane. H. Mascew. 1,940,961; Dec. 26.
- Airplane. L. C. Milburn. Des. 90,627; Sept. 5.
- Airplane. L. C. Milburn. 1,940,555; Dec. 19.
- Airplane. J. K. Northrop. 1,929,255; Oct. 3.
- Airplane. N. Rippen. 1,928,317; Sept. 26.
- Airplane. W. A. Roth. 1,921,043; Aug. 8.
- Airplane. L. A. Sanders. 1,929,566; Oct. 10.
- Airplane. J. Squires. 1,922,825; Aug. 15.
- Airplane. D. L. Stage. 1,895,140; Jan. 24.
- Airplane. F. R. Sundling. 1,906,017-18; Apr. 25.
- Airplane. L. J. Tetlow. 1,924,471; Aug. 29.
- Airplane. L. J. Tetlow. 1,927,352; Sept. 19.
- Airplane. H. C. Tully. 1,900,473; Mar. 7.
- Airplane. T. P. Wright. 1,896,270; Feb. 7.

- Airplane and dirigible control apparatus, Automatic. N. C. Plutino. 1,904,801; Apr. 18.
- Airplane brake. J. C. McCune. 1,895,478; Jan. 31.
- Airplane catapult. W. M. Fellers. 1,930,473; Oct. 17.
- Airplane constituted by a three-element wing. J. F. G. M. L. Charpentier. 1,893,129; Jan. 3.
- Airplane construction. G. M. Bellanca. 1,933,001; Oct. 31.
- Airplane construction. H. H. Holloway. 1,920,507; Aug. 1.
- Airplane construction. W. E. Soehrmann. 1,938,156; Dec. 5.
- Airplane construction. J. Squires. 1,907,454; May 9.
- Airplane construction and fabricating the same. R. D. Weyerbacher. 1,932,430; Oct. 31.
- Airplane control. G. A. Wood. 1,923,290; Aug. 22.
- Airplane control apparatus. A. L. Veit. 1,897,285; Feb. 14.
- Airplane dolly. W. F. Hohorst. 1,910,436; May 23.
- Airplane folding wing. W. B. Kinner. 1,910,611; May 23.
- Airplane fuel tank. R. G. Miller. 1,923,384; Aug. 22.
- Airplane instruction device. T. M. and J. L. Pardue. 1,912,721; June 6.
- Airplane instruction device. T. M. and J. L. Pardue. 1,937,241; Nov. 28.
- Airplane landing and launching device. W. J. Perkins. 1,912,723; June 6.
- Airplane landing gear. G. M. Bellanca. 1,901,795; Mar. 14.
- Airplane landing wheel. A. G. Maranville. 1,901,759; Mar. 14.
- Airplane maneuvering apparatus. J. Weisinger. 1,928,519; Sept. 26.
- Airplane, Miniature. H. C. Godman. 1,927,399; Sept. 19.
- Airplane, Monospar. C. de Ganahl. 1,919,620; July 25.
- Airplane propeller. G. T. Lampton. 1,894,276; Jan. 17.
- Airplane propeller. J. P. Landrum. 1,903,628; Apr. 11.
- Airplane propeller. R. J. Norton. 1,899,631; Feb. 28.
- Airplane propeller. J. Ostria and R. DeMay. 1,923,325; Aug. 22.
- Airplane propeller. J. B. and J. H. Smith. 1,931,710; Oct. 24.
- Airplane propeller. M. E. Smith. 1,914,332; June 13.
- Airplane, Pursuit. C. N. Monteith, J. Kylstra, and R. J. Minshall. Des. 88,978; Jan. 10.
- Airplane structure, Sheet metal. E. J. W. Ragsdale. 1,907,002; May 2.
- Airplane, Tailless. W. Langguth. 1,924,996; Aug. 29.
- Airplane, Transport. V. J. Burnelli. Des. 90,613; Sept. 5.
- Airplane, Universal. A. Fehrenbach. Des. 90,805; Oct. 3.
- Airplane wheel. I. M. Coppock. 1,928,882; Oct. 3.
- Airplane wheel. J. R. Eaids. 1,913,435; June 13.
- Airplane wing. F. G. Baum. 1,900,688; Mar. 7.
- Airplane wing. L. Colburn. 1,918,897; July 18.
- Airplane wing. V. Lougheed. 1,909,186; May 16.
- Airplane wing construction. P. A. Vaile. 1,896,336; Feb. 7.
- Airplane with supporting surfaces of variable area. I. Makhonine. 1,938,148; Dec. 5.
- Airplanes, Elevating and steering means for. E. J. Murray. 1,914,448; June 20.
- Airplanes, Method of and apparatus for. W. M. Fellers. 1,925,139; Sept. 5.
- Airplanes, Spar for. W. Messerschmitt. 1,900,067; Mar. 7.
- Airplanes, Tail-skid and rudder for. J. E. Younger. 1,911,416; May 30.
- Airport. H. F. Cuntz. 1,915,297; June 27.
- Airport construction. J. W. Wood, Jr. 1,903,847; Apr. 18.
- Airport, Floating. I. Kulik. 1,896,546; Feb. 7.
- Airports, Lighting. T. J. Rogers. 1,897,768; Feb. 14.
- Air power unit, Compressed. P. Maniscalco. 1,940,960; Dec. 26.
- Air preheater. W. F. Keenan, Jr., and J. S. Wetherald. 1,914,604; June 20.
- Air preheating, Regenerative. G. H. Isley. 1,941,446; Dec. 26.
- Air pressure in pneumatic tires, Apparatus for inflating and testing the. A. E. Jordan. 1,915,161; June 20.
- Air pressure pump. F. M. Gabler. 1,915,728; June 27.
- Air pulsator, Direct. G. A. Williams. 1,898,652; Feb. 21.
- Air pump. T. L. Patrick. 1,906,405; May 2.
- Air pump. E. B. Skui. 1,933,223; Oct. 31.
- Air pump. F. L. Tittsworth. 1,918,789; July 18.
- Air purge for water heaters. F. O. Wallene. 1,918,942; July 18.
- Air, Purification of. W. Zisch. 1,922,187; Aug. 15.
- Air purifier. F. Nallinger. 1,923,498; Aug. 22.
- Air-purifying device. L. G. Jenness. 1,931,989; Oct. 24.
- Air refrigerating device. G. W. Coin. 1,903,777; Apr. 18.
- Air register, Key operated warm. W. T. Truax. 1,904,636; Apr. 18.
- Air relief valve. F. W. Leuthesser. 1,913,165; June 6.
- Air separator. W. H. De Lancey. 1,920,066; July 25.
- Air separator. T. J. Sturtevant. 1,933,604; Nov. 7.
- Air separator. T. J. Sturtevant. 1,933,605-6; Nov. 7.
- Airship. O. A. Havill. 1,901,809; Mar. 14.
- Airship. J. W. Hess. 1,915,855; June 27.
- Airship. W. V. N. Powelson and W. Travell. 1,902,519; Mar. 21.
- Airship. M. Schirmer. 1,894,245; Jan. 10.
- Airship. H. Strobl. 1,900,743-4; Mar. 7.
- Airship bulkhead. K. Arnstein and P. Helma. 1,913,325; June 6.
- Airship mooring method and apparatus. C. B. Fritsche. 1,893,584; Jan. 10.
- Air shutters for double gas range burner. P. S. Harper. 1,932,016; Oct. 24.
- Air speed annunciator. J. E. Eshbaugh. 1,917,959; July 11.
- Air spring operating means. J. B. Strauss. 1,929,858; Oct. 10.
- Air suction and chaff depositing construction. A. H. Bottorff. 1,911,424; May 30.
- Air supply controlling means. W. H. Kitto and R. G. Roshong. 1,911,366; May 30.
- Air supply device. J. J. Dubina. 1,916,257; July 4.
- Air, System for cleaning, compressing, and drying. R. Ruemelin. 1,918,614; July 18.
- Air, System or apparatus for humidifying. S. M. Corbett. 1,940,787; Dec. 26.
- Air temperature regulating apparatus. J. A. H. Siers. 1,934,565; Nov. 7.
- Air temperature regulator. F. Nallinger. 1,918,659; July 18.
- Air to wash boxes, Apparatus for supplying compressed. A. J. Sayers. 1,926,408; Sept. 12.
- Air transmission, Rotary. P. C. Gordon. 1,929,186; Oct. 3.
- Air treating apparatus. H. G. Naylor. 1,937,774; Dec. 5.
- Air treatment, Pneumatic cleaning. M. I. Dorfman. 1,902,061; Mar. 21.
- Air under pressure, Apparatus for supplying. G. W. Gille. 1,903,233; Mar. 28.
- Air valve. W. J. Daubenspeck. 1,922,280; Aug. 15.
- Air valve. J. K. Lund. 1,909,413; May 16.
- Air valve. J. J. Murphy. 1,935,056; Nov. 14.
- Air valve. I. D. Perry. 1,910,961; May 23.
- Air valve, Thermostatic. M. E. Toman. 1,922,266; Aug. 15.
- Air-vehicle indicating means. J. R. Perkins. 1,919,126; July 18.
- Air vent valve. F. Blank. 1,924,394; Aug. 29.
- Air venting device. J. N. La Branch. 1,902,409; Mar. 21.
- Air washer. R. R. Gentry. 1,918,531; July 18.
- Air washer. F. C. Ruehl. 1,927,073; Sept. 19.
- Air washer and humidifier. E. J. Hanson. 1,899,504; Feb. 28.
- Air washing and the like. W. A. Smith. 1,904,667; Apr. 18.
- Airway system. J. P. Buckley. 1,906,736; May 2.
- Alakyl-alkoxyalkyl esters of cellulose and making the same. H. Dreyfus. 1,940,710; Dec. 26.
- Alarm and safety system. A. A. Bowman. 1,921,557; Aug. 8.
- Alarm and signal device, Motor driven. S. Lippstadt. 1,894,611; Jan. 17.
- Alarm apparatus. A. C. Schultz. 1,938,155; Dec. 5.
- Alarm, Automobile burglar. E. B. Bain. 1,910,784; May 23.
- Alarm, Burglar and fire. C. W. Bowen. 1,895,967; Jan. 31.
- Alarm contactor, Gas pressure. T. C. Henneberger and V. B. Pike. 1,936,194; Nov. 21.
- Alarm device. J. H. V. Finney. 1,933,548; Nov. 7.
- Alarm device and operating mechanism therefor. E. H. Daggett. 1,894,581; Jan. 17.
- Alarm device, Cash drawer. G. T. Scott. 1,903,535; Apr. 11.
- Alarm device for clocks. A. J. Baltsois. 1,916,033; June 27.
- Alarm, Electrical fire. R. P. Jameson. 1,916,481; July 4.
- Alarm, Flood signal. J. R. Harper. 1,907,320; May 2.
- Alarm for stove pipes, Fire. C. A. Martel. 1,910,347; May 23.
- Alarm for typewriters. W. F. H. Mann. 1,904,744; Apr. 18.
- Alarm, Mail box. F. A. Holmgren. 1,911,621; May 30.
- Alarm mechanism. S. W. Stout. 1,937,134; Nov. 28.
- Alarm mechanism, Dual. K. A. Windesheim. 1,928,040; Sept. 26.
- Alarm mechanism for sprinkler systems. C. P. Howard and J. F. Carlson. 1,932,784; Oct. 31.
- Alarm, Oil and ignition switch. A. A. Nelson. 1,912,788; June 6.
- Alarm, Open circuit fire. M. M. Bourbon. 1,935,611; Nov. 21.
- Alarm selector apparatus. L. L. E. Chauveau. 1,934,912; Nov. 14.
- Alarm system. J. C. Field. 1,921,024; Aug. 8.
- Alarm system, Combined fire and police. M. Garl. 1,921,615; Aug. 8.
- Alarm system for cables, Gas pressure. T. C. Henneberger. 1,904,227; Apr. 18.
- Alarm, Temperature. E. F. Gekler. 1,922,580; Aug. 15.
- Alarm, Thermostatic. F. H. Pletzsch. 1,936,970; Nov. 28.
- Alarm valve, Automatic sprinkler system. M. E. Halford. 1,933,214; Oct. 31.
- Alcohol and acetone by fermentation, Obtaining butyl. D. A. Legg. 1,927,814; Sept. 19.
- Alcohol and acetone by fermentation, Production of butyl. H. B. Hutchinson. 1,898,961; Feb. 21.
- Alcohol and acetone by fermentation, Production of butyl. H. B. Hutchinson. 1,928,379; Sept. 26.
- Alcohol and acetone by fermentation, Production of butyl. D. A. Legg and L. M. Christensen. 1,913,164; June 6.
- Alcohol and acetone by fermentation, Producing butyl. H. Wertheim. 1,917,677; July 11.

- Alcohol and acetone by fermentation, Simultaneous production of butyl. H. Wertheim. 1,917,676; July 11.
- Alcohol, Apparatus for saving radiator. A. W. Murphy. 1,900,727; Mar. 7.
- Alcohol composition, Denatured. R. Calvert. 1,919,145; July 18.
- Alcohol ester, Octyl. L. P. Kyrides. 1,923,938; Aug. 22.
- Alcohol esters of aliphatic carboxylic acids, Polyhydric. R. Adams. 1,917,681; July 11.
- Alcohol ether resin and preparing same, Polybasic acid-polyhydric. W. E. Lawson. 1,909,197; May 16.
- Alcohol from ammonia, Separation of. J. E. Jewett. 1,933,556; Nov. 7.
- Alcohol from olefines, Production of. W. Engs and R. Z. Moravec. 1,912,695; June 6.
- Alcohol from wine, cider, beer, and other alcoholic products, Apparatus for the removal of. M. Coupeau and M. Delaville. 1,900,694; Mar. 7.
- Alcohol from wine, cider, beer and other alcoholic products, Removal of. M. G. Coupeau and M. Delaville. 1,908,407; May 9.
- Alcohol, Making ethyl. B. T. Brooks. 1,919,618; July 25.
- Alcohol, Manufacture of butyl. J. P. Wibaut. 1,910,582; May 23.
- Alcohol, Manufacture of polymerized vinyl. C. R. Noller. 1,897,556; Feb. 14.
- Alcohol, Manufacture of water-free ethyl. A. Gorhan. 1,936,836; Nov. 28.
- Alcohol, Noncorrosive. F. A. McDermott. 1,927,842; Sept. 26.
- Alcohol obtained from fermented mash, Simultaneous distillation, purifying and dehydration of. E. Ricard and H. M. Guinot. 1,937,786; Dec. 5.
- Alcohol, Preparation of alkyl. C. O. Young and G. H. Law. 1,917,179; July 4.
- Alcohol, Preparation of diacetone. H. Guinot. 1,937,272; Nov. 28.
- Alcohol, Process and apparatus for concentrating. E. Ricard and H. M. Guinot. 1,940,699; Dec. 26.
- Alcohol, Producing butyl. A. Izsak and F. J. Funk. 1,908,361; May 9.
- Alcohol product and making the same, Emulsified. D. F. Brown and H. C. De Hoff. 1,927,916; Sept. 26.
- Alcohol, Production of. M. Luther and W. Dietrich. 1,931,501; Oct. 24.
- Alcohol, Simultaneously and continuously dehydrating and rectifying raw ethyl. O. von Keussler and D. I. Peters. 1,935,529; Nov. 14.
- Alcoholic fermentation process and product thereof. F. M. Hildebrandt. 1,921,991; Aug. 8.
- Alcohols and aluminum sulphate, Manufacture of. W. S. Wilson. 1,931,014; Oct. 17.
- Alcohols, Catalytic dehydration of. A. O. Jaeger. 1,909,356; May 16.
- Alcohols, Dehydrating. L. P. Kyrides. 1,907,834; May 9.
- Alcohols, Manufacture and stabilization of aromatic. L. P. Kyrides. 1,933,064; Oct. 31.
- Alcohols, Manufacture of aliphatic. W. J. Hale. 1,938,453; Dec. 5.
- Alcohols, Manufacture of halogen. J. Callsen. 1,903,587; Apr. 11.
- Alcohols, Manufacture of halogenated. H. Meerwein and E. Goth. 1,931,204; Oct. 17.
- Alcohols, Manufacture of polyhydric. H. A. Lewis. 1,895,517; Jan. 31.
- Alcohols of high molecular weight, Production of. H. Beller and M. Luther. 1,921,381; Aug. 8.
- Alcohols, Oxidation of. C. J. Strosacker, C. C. Kennedy, and E. L. Pelton. 1,926,063; Sept. 12.
- Alcohols, Oxidation of. C. J. Strosacker, C. C. Kennedy, and E. L. Pelton. 1,934,648; Nov. 2.
- Alcohols, Oxidation of secondary. E. L. Pelton and C. C. Kennedy. 1,926,059; Sept. 12.
- Alcohols, Preparation of secondary. W. Engs and R. Z. Moravec. 1,938,177; Dec. 5.
- Alcohols, Preparing amino. F. Stolz, K. Böttcher, J. Hallensleben, and W. Krohs. 1,913,520; June 13.
- Alcohols, Producing butyl and isopropyl. A. Izsak. 1,918,729; Feb. 7.
- Alcohols, Producing dehydrated secondary. R. B. Lebo. 1,911,829; May 30.
- Alcohols, Production of butyl and isopropyl. S. C. Prescott and K. Saku Morikawa. 1,933,683; Nov. 7.
- Alcohols, Purifying. S. R. Merley. 1,931,505; Oct. 31.
- Alcohols, Purifying higher. H. E. Buc. 1,911,798; May 30.
- Aldehydeamine cinchona bark alkaloid condensation product. R. E. Lawrence. 1,923,057; Aug. 15.
- Aldehydeamine cinchona bark alkaloid inhibitors. R. E. Lawrence. 1,923,055; Aug. 15.
- Aldehyde-amine reaction products, Manufacturing. C. O. North. 1,897,210; Feb. 14.
- Aldehyde-amines, Making. W. L. Semon and A. W. Sloan. 1,895,945; Jan. 31.
- Aldehyde, Preparation of aromatic. E. T. Olson. 1,935,914; Nov. 21.
- Aldehyde protein composition. E. R. Nielsen. 1,938,927; Dec. 12.
- Aldehydes and ketones, Production of. K. Baur. 1,906,833; May 2.
- Aldehydes and the products, Manufacturing. A. Knorr, A. Weissenborn, and E. Laage. 1,899,340; Feb. 28.
- Aldehydes, Manufacture of. A. Johannsen. 1,909,833; May 16.
- Aldehydes, Manufacture of aromatic hydroxy. F. Elger. 1,939,491; Dec. 12.
- Aldehydes, Production of. F. W. Guthke. 1,939,005; Dec. 12.
- Aldehydes, Production of aromatic. A. E. Craver. 1,904,414; Apr. 18.
- Aldol, Production of. G. F. Horsley. 1,905,290; Apr. 25.
- Alkaloses, Electrolytic oxidation of. E. L. Helwig. 1,938,273; Nov. 28.
- Algae, Destruction of. G. Ornstein. 1,937,780; Dec. 5.
- Algae, Preventing the growth of. O. R. Sweeney. 1,915,874; June 27.
- Aligning fixture. L. W. Johnson. 1,905,102; Apr. 25.
- Aligning means for registering mechanisms. R. L. Muller. 1,931,113; Oct. 17.
- Alimentary product forming device. H. C. Arge. 1,900,854; Mar. 7.
- Alimentary products, Treatment of. N. K. Chaney. 1,894,158; Jan. 10.
- Alimentary substance and making the same. F. S. Beverley. 1,931,813; Oct. 24.
- Aliphatic amines, Separating primary from secondary. O. Nicodemus and W. Schmidt. 1,898,461; Feb. 21.
- Aliphatic anhydrides, Manufacture of. H. Dreyfus. 1,911,942; May 30.
- Aliphatic anhydrides, Manufacture of. H. Dreyfus. 1,915,570; June 27.
- Aliphatic anhydrides, Manufacture of. H. Dreyfus and C. I. Haney. 1,915,569; June 27.
- Aliphatic anhydrides, Manufacture of. H. Dreyfus and C. I. Haney. 1,931,687; Oct. 24.
- Aliphatic bases, Fluosilicates of organic. P. L. Salzberg and E. W. Bousquet. 1,917,463; July 11.
- Aliphatic compounds, Catalytic hydrogenation of non-nitrogenous. A. O. Jaeger. 1,910,837; May 23.
- Aliphatic compounds, Manufacture of. W. Bader. 1,933,696; Nov. 7.
- Aliphatic ketones, Making unsaturated. O. Fuchs. 1,925,317; Sept. 5.
- Aliphatic ketones, Manufacture of. H. Dreyfus. 1,925,311; Sept. 5.
- Alkali-carbonates from alkaline phosphate-solutions, Producing or regenerating. H. Mändlen and H. Huber. 1,897,705; Feb. 14.
- Alkali metal acetates, Separating. C. J. Strosacker, C. C. Kennedy, and E. L. Pelton. 1,940,611; Dec. 19.
- Alkali metal aliphatic monohydroxy alcoholates, Preparing. P. Halbig. 1,910,331; May 23.
- Alkali metal aminates, Production of. R. O. Wood. 1,929,619; Oct. 10.
- Alkali metal bisulphites with octadecadiene-9, 11-acid-1 or its amide, Condensation product of. K. Ott and H. Schussler. 1,920,505; Aug. 1.
- Alkali metal carbonates, Manufacture of. C. Deguide. 1,919,832; July 25.
- Alkali metal fluorides, Preparing. M. Zimmermann. 1,927,108; Sept. 19.
- Alkali metal hydroxide liquors, Purification of. F. W. Stauf. 1,919,308; July 25.
- Alkali metal phosphates, Obtaining. C. H. Milligan. 1,929,443; Oct. 10.
- Alkali metal process. J. F. Wait. 1,913,145; June 6.
- Alkali metal sulphates, Production of. O. Kaselitz. 1,939,174; Dec. 12.
- Alkali-metal titanate and making same. L. W. Ryan and J. R. Knoff. 1,929,521; Oct. 10.
- Alkali phosphates from metal phosphorus compound, Production of. C. B. von Girssewald, H. Weidmann, and G. Roesser. 1,903,582; Apr. 11.
- Alkali phosphates, Preparation of. O. Laubi. 1,935,474; Nov. 14.
- Alkali phosphates, Production of. Baron C. von Girssewald and H. Weidmann. 1,938,057; Dec. 5.
- Alkali solutions, Dehydrating caustic. C. E. Miller. 1,899,627; Feb. 28.
- Alkaline detergent compositions and rendering the same noncorrosive to aluminum. E. Blough and H. V. Churchill. 1,912,175; May 30.
- Alkaline dichromates, Manufacture of. J. E. Demant. 1,935,082; Nov. 14.
- Alkaline earth metal cyanamides, Production of. H. Acker. 1,919,761; July 25.
- Alkaline filler, H. R. Rafton. 1,934,638-9; Nov. 7.
- Alkaloid, Sulphurized cinchona bark. G. Lutz. 1,908,773; May 16.
- Alkoxyacetic acids. H. A. Bruson. 1,920,137; July 25.
- Alkoxyaldehyde and production of same. P. Halbig and F. Kauffer. 1,902,070; Mar. 21.
- Alkyl aniline, Separating. E. C. Britton and R. D. Holmes. 1,908,951; May 16.
- Alkyl halides, Preparation of. H. W. Daudt. 1,920,246; Aug. 1.
- Alkyl halides, Preparation of. H. W. Daudt. 1,920,846; Aug. 1.
- Alkyl halides, Production of. P. Ernst. 1,937,269; Nov. 28.
- Alkyl-hydroxy-diphenyl methane, Substituted. E. Klarman and L. W. Gates. 1,926,873; Sept. 12.
- Alkyl hypohalites, Manufacture of. R. M. Deanesly. 1,938,175; Dec. 5.
- Alkyl ortho-cresol. W. G. Christiansen and W. S. Jones. 1,930,923; Oct. 17.
- Alkyl substituted aromatic hydroxyl compounds, Preparation of. F. Linner. 1,892,990; Jan. 3.

- Alkyl sulphates, Forming. S. R. Merley. 1,897,812; Feb. 14.
- Alkylated acidyl polyalkylene polyamines. W. Neelmeier, T. Nocken, and H. Friedrich. 1,924,698; Aug. 29.
- Alkyne cyanhydrins, Production of. R. Fick. 1,914,326; June 13.
- Alleviator for hydraulic apparatus. F. McFarland. 1,931,029; Oct. 17.
- Allo-Ms-naphthodianthrone. M. A. Kunz and K. Koerberle. 1,902,867; Mar. 28.
- Alloy. J. Aderer. 1,924,097; Aug. 29.
- Alloy. F. M. Becket. 1,916,780; July 4.
- Alloy. A. J. Boyles and F. M. McKinley. 1,915,212; June 20.
- Alloy. P. H. Brace. 1,916,410; July 4.
- Alloy. M. G. Corson. 1,893,984; Jan. 10.
- Alloy. H. C. Jennison. 1,916,000-1; June 27.
- Alloy. L. W. Kempf. 1,940,133; Dec. 19.
- Alloy. R. H. Leach. 1,899,701; Feb. 28.
- Alloy. R. H. Leach. 1,899,873; Feb. 28.
- Alloy. R. H. Leach. 1,921,416-18; Aug. 8.
- Alloy. R. H. Leach. 1,921,760; Aug. 8.
- Alloy. R. H. Leach. 1,928,429; Sept. 26.
- Alloy. E. de Ridder and H. Altwickler. 1,905,445; Apr. 25.
- Alloy. W. C. Smith. 1,923,955; Aug. 22.
- Alloy. R. A. Wilkins. 1,924,581; Aug. 29.
- Alloy, Acid resisting. W. J. Braddock. 1,916,602; July 4.
- Alloy, Acid resisting. R. Hazeltine. 1,930,956; Oct. 17.
- Alloy, Aluminium. O. Kamps. 1,892,840; Jan. 3.
- Alloy, Aluminium silicon. L. W. Kempf. 1,908,023; May 9.
- Alloy and article composed of same. H. S. Cooper. 1,925,978; Sept. 5.
- Alloy and making and using the same, Noncorrosive. W. J. Hawkins. 1,899,148; Feb. 28.
- Alloy articles to corrosion, Improving the resistance of. C. G. Fink. 1,893,821; Jan. 10.
- Alloy, Constant resistivity. M. G. Corson. 1,896,193; Feb. 7.
- Alloy containing zirconium and tungsten for the principal constituents. Y. Kamishima. 1,926,775; Sept. 12.
- Alloy, Copper. J. K. Smith. 1,905,314; Apr. 25.
- Alloy, Ferrous. R. L. Binney. 1,914,102; June 13.
- Alloy, Ferrous. R. S. Dean. 1,904,859; Apr. 18.
- Alloy for permanent magnets, Iron-containing. W. Koster. 1,927,940; Sept. 26.
- Alloy for use in the cracking of petroleum. V. B. Browne. 1,905,436; Apr. 25.
- Alloy, Gold. L. Lenfant. 1,896,003; Jan. 31.
- Alloy, Gray iron. P. D. Merica, J. S. Vanick, and T. H. Wickenden. 1,900,125; Mar. 7.
- Alloy, High strength hot working copper nickel zinc. W. W. Sieg. 1,907,219; May 2.
- Alloy, Magnetic base. J. A. Gann. 1,918,260; July 18.
- Alloy, Magnetic. W. S. Smith, H. J. Garnett, and W. F. Randall. 1,895,556; Jan. 31.
- Alloy, Magnetic. W. S. Smith, H. J. Garnett, and W. F. Randall. 1,910,309; May 23.
- Alloy, making the same and article made therefrom. F. Nicodemo. 1,934,875; Nov. 14.
- Alloy materials by electroplating, Forming. H. J. Kersten. 1,924,459; Aug. 29.
- Alloy, Metal. A. Fritschle. 1,906,567; May 2.
- Alloy, Metal. C. Vangreynyng and H. Elion. 1,906,192; Apr. 25.
- Alloy, Metal working. W. P. Sykes. 1,894,836; Jan. 17.
- Alloy, Metallic. D. D. Jackson. 1,900,182; Mar. 7.
- Alloy, Nonferrous. H. C. Jennison. 1,915,999; June 27.
- Alloy, Nonferrous. E. M. Wise. 1,928,747; Oct. 3.
- Alloy of aluminum and beryllium. J. K. Smith. 1,924,168; Aug. 29.
- Alloy of beryllium and aluminum. J. K. Smith. 1,941,231; Dec. 26.
- Alloy of high fusion point. A. Kropf. 1,893,144; Jan. 3.
- Alloy of nickel, silver, tin, and copper. 1,903,192; Mar. 28.
- Alloy, Precious metal. E. M. Wise. 1,935,897; Nov. 21.
- Alloy, Stain-resisting. F. M. Becket. 1,896,154; Feb. 7.
- Alloy steel. R. C. Becker and F. H. Allison. 1,934,520; Nov. 7.
- Alloy steel. H. A. De Fries. 1,941,202; Dec. 26.
- Alloy steel. D. L. Edlund. 1,919,211; July 25.
- Alloy steels, Hardening. W. H. Hatfield. 1,930,388; Oct. 10.
- Alloy steels, Preparation of. H. C. Bigge. 1,915,400; June 27.
- Alloy, Tarnish resistant. R. H. Leach. 1,896,410; Feb. 7.
- Alloy, Wear resisting ferrous. A. W. Gregg and R. H. Frank. 1,894,819-20; Jan. 17.
- Alloying. H. A. De Fries and V. O. Homerberg. 1,927,819; Sept. 26.
- Alloys and products resulting therefrom, Treatment of magnetic. C. G. Bieber. 1,901,018; Mar. 14.
- Alloys capable of being forged and hardened, Production of. W. Köster. 1,917,723; July 11.
- Alloys containing a relatively high percentage of chromium, Method of lead coating ferrous. L. L. Satler. 1,910,366; May 23.
- Alloys, Electrodeposition of. R. M. Burns. 1,920,964; Aug. 8.
- Alloys, Electrodisposition of tin-gold. H. J. Kersten. 1,905,105; Apr. 25.
- Alloys, Electrodisposition of zinc-gold. H. J. Kersten. 1,905,106; Apr. 25.
- Alloys for cutting tools, Making hard. C. W. Balke. 1,937,185; Nov. 28.
- Alloys, Hard. C. Agte and K. Moers. 1,895,959; Jan. 31.
- Alloys, Magnesium base. J. A. Gann and J. B. Reid. 1,910,432; May 23.
- Alloys, Magnesium base. J. A. Gann and F. L. Reynolds. 1,910,431; May 23.
- Alloys, Making. D. W. Randolph. 1,919,479; July 25.
- Alloys, Making hard. C. W. Balke. 1,913,100; June 6.
- Alloys, Making iron-chromium nickel. F. M. Becket. 1,903,409; Apr. 4.
- Alloys, Making low-carbon chromium. F. M. Becket. 1,897,017; Feb. 7.
- Alloys, Manufacture of magnetic. W. S. Smith, H. J. Garnett, and W. F. Randall. 1,915,766; June 27.
- Alloys, Nitriding ferrous. J. J. Egan. 1,904,425; Apr. 18.
- Alloys of aluminium and iron, Making or remelting. J. W. Bampfyld. 1,918,011; July 11.
- Alloys, Producing. W. B. Arness. 1,925,916; Sept. 5.
- Alloys, Producing. W. B. Arness. 1,932,252; Oct. 24.
- Alloys, Production of. D. M. Scott. 1,904,761; Apr. 18.
- Alloys, Refining nonferrous. R. F. Cohn. 1,925,638; Sept. 5.
- Alloys, Treating. E. E. Fisher and M. A. Baernstein. 1,940,678; Dec. 26.
- Allyl citrylidene acetone and preparation of same. H. Barbier. 1,898,075; Feb. 21.
- Alphabet blocks, Set of. W. J. Thompson. Des. 91,126; Nov. 28.
- Alphabet for forming monograms or the like. M. Chernow. Des. 90,698; Sept. 19.
- Alphabet for forming monograms or the like. M. Chernow. Des. 90,801; Oct. 3.
- Alphabet for forming monograms or the like. M. Chernow. Des. 91,008-10; Nov. 14.
- Alphabet for forming monograms or the like. M. Chernow. Des. 91,057; Nov. 21.
- Alpha-hydroxyanthrone derivative and preparing them. K. Zahn and H. Schlichenmaier. 1,935,928; Nov. 21.
- Alternating current generator. G. W. Walton. 1,919,139; July 18.
- Alternating current motor. E. Bretsch. 1,934,909; Nov. 14.
- Alternating current motor. W. J. Morrill. 1,933,498; Oct. 31.
- Alternating current motor. R. Richter. 1,895,007; Jan. 24.
- Alternating current motor. H. E. Warren. 1,895,356; Jan. 24.
- Alternating current motor. R. R. Wolfe. 1,937,373; Nov. 28.
- Alternating current motor, Double speed. D. C. Prince. 1,913,211; June 6.
- Alternating piston rotary engine. A. Kolko. 1,920,201; Aug. 1.
- Altimeter. F. Corey. 1,932,066; Oct. 24.
- Altimeter, Sensitive. A. Urfer. 1,933,195; Oct. 31.
- Altitude from aircraft, Indicating. E. F. W. Alexander-sen. 1,913,148; June 6.
- Altitudes and trigonometric functions thereof, Device for determining. C. N. Shuster. 1,901,880; Mar. 21.
- Alum from normal alum solutions, Manufacturing basic alum from. G. R. Steuart. 1,914,175; June 13.
- Alumina and phosphorus or phosphoric acid, Producing. E. Johnson. 1,900,287; Mar. 7.
- Alumina, Extracting. R. F. James. 1,926,744; Sept. 12.
- Alumina from aluminous materials, Extraction of. J. J. Crawford. 1,933,173; Dec. 5.
- Alumina from silicates, Recovering. F. M. McClenahan. 1,913,923; July 18.
- Alumina, Manufacture of. H. Specketer, F. Rossteutscher and K. Rosenberger. 1,931,515; Oct. 24.
- Alumina, Producing. C. von Girssewald, H. Siegens, and M. Marschner. 1,894,208; Jan. 10.
- Aluminates, Manufacture of. H. W. Heiser. 1,930,271; Oct. 10.
- Aluminium chloride containing iron, Purification of anhydrous. C. Winter and N. Roh. 1,914,335; June 13.
- Aluminium chloride, Pure anhydrous. C. Wurster. 1,901,486; Mar. 14.
- Aluminium combinations adapted for the production of aluminium, Producing pure. M. Buchner. 1,914,768; June 20.
- Aluminium, magnesium, zinc and their alloys against corrosion, Process and product for protecting. P. Prier. 1,923,502; Aug. 22.
- Aluminium, or alloys thereof to other metals, Welding. H. Wachwitz. 1,898,917; Feb. 21.
- Aluminous materials, Treatment for. L. Bradley and E. P. McKee. 1,918,735; July 18.
- Aluminium alloy. O. Kamps. 1,899,465; Feb. 28.
- Aluminium alloy. F. Keller and C. M. Craighead. 1,910,861; May 23.
- Aluminium alloy. F. Keller and C. M. Craighead. 1,911,077-83; May 23.
- Aluminium alloy. L. W. Kempf and W. A. Dean. 1,920,262; Aug. 1.
- Aluminium alloy. E. L. Meissner. 1,921,089; Aug. 8.
- Aluminium alloy. H. J. Rowe. 1,924,726-7; Aug. 29.
- Aluminium alloy. C. C. Titus. 1,903,842-3; Apr. 15.
- Aluminium alloy. C. C. Titus. 1,916,087; June 27.
- Aluminium alloy. L. J. Weber. 1,924,729; Aug. 19.
- Aluminium alloy, Corrosion resistant. W. E. McCullough. 1,932,795; Oct. 31.
- Aluminium alloy, Light. M. Bosshard. 1,899,133; Feb. 28.

- Aluminum alloy, Noncorrodible. W. E. McCullough. 1,913,846; June 13.
- Aluminum alloy, Production of. D. R. Tullis and P. Oakley. 1,910,656; May 23.
- Aluminum alloys. W. A. Dean and L. W. Kempf. 1,932,838-53; Oct. 31.
- Aluminum alloys. W. A. Dean and L. W. Kempf. 1,932,873; Oct. 31.
- Aluminum alloys. H. J. Rowe. 1,924,725; Aug. 29.
- Aluminum alloys. L. J. Weber. 1,932,835; Oct. 31.
- Aluminum alloys. R. T. Wood. 1,932,834; Oct. 31.
- Aluminum alloys. R. T. Wood and O. H. Weil. 1,932,836; Oct. 31.
- Aluminum alloys. R. T. Wood. 1,932,837; Oct. 31.
- Aluminum alloys. R. T. Wood. 1,932,854-72; Oct. 31.
- Aluminum alloys, Making and casting. J. A. Nock, jr. 1,912,382; June 6.
- Aluminum alloys, Separating. O. Schober. 1,938,046; Dec. 5.
- Aluminum and alloys thereof. W. Bonsack. 1,920,963; Aug. 8.
- Aluminum and alloys thereof. W. Bonsack. 1,921,998; Aug. 8.
- Aluminum and other light metals, Apparatus for smelting. J. Schüffler. 1,924,201; Aug. 29.
- Aluminum, Apparatus for smelting. J. G. G. Frost. 1,922,428; Aug. 15.
- Aluminum base alloy containing copper, nickel, and silicon. W. A. Dean. 1,920,249; Aug. 1.
- Aluminum bronze powder and lubricants therefor, Producing. F. C. Arthur. 1,920,234; Aug. 1.
- Aluminum chloride and alumina, Production of. S. S. Svendsen. 1,904,762; Apr. 18.
- Aluminum composite metal, Corrosion-resistant age-hardenable. K. L. Meissner. 1,927,945; Sept. 26.
- Aluminum-copper piston alloy. R. S. Archer and L. W. Kempf. 1,920,233; Aug. 1.
- Aluminum, Dyeing oxidized. L. W. Eberlin. 1,929,486; Oct. 10.
- Aluminum, Electrodeposition of. D. B. Keyes and S. Swann, jr. 1,939,397; Dec. 12.
- Aluminum, Forming. R. T. Whitel. 1,931,912; Oct. 24.
- Aluminum from its compounds, Electrodeposition of. D. B. Keyes, T. E. Phipps, and W. Klaunde. 1,911,122; May 23.
- Aluminum, Hardening of. R. S. Archer. 1,930,463; Oct. 17.
- Aluminum-magnesium alloy. R. S. Archer. 1,935,608; Nov. 21.
- Aluminum-magnesium alloy, Working. J. A. Nock and E. H. Dix, jr. 1,926,057; Sept. 12.
- Aluminum manganese alloy. T. W. Bossert. 1,928,641; Oct. 3.
- Aluminum, Melting. J. G. G. Frost. 1,922,429; Aug. 15.
- Aluminum nitrate obtained in the treatment of leucite and similar silicates, Crystallization of. A. Bland. 1,940,842; Dec. 26.
- Aluminum oxide gel, Preparing. E. H. Barclay. 1,929,942; Oct. 10.
- Aluminum paint mixer. F. G. Lee. 1,911,575; May 30.
- Aluminum, Purifying. W. D. Keith. 1,918,339; July 18.
- Aluminum, reduction, Electrolytic. K. Eigenheer. 1,930,195; Oct. 10.
- Aluminum silicate refractories, Casting of. F. W. Schroeder. 1,903,944; Apr. 18.
- Aluminum-silicon alloy. L. W. Kempf. 1,921,195; Aug. 8.
- Aluminum-silicon alloy. T. D. Stay. 1,934,281; Nov. 7.
- Aluminum silicon alloys with a phosphorus content of 0.001 to 0.1 per cent. R. Sterner-Rainer. 1,940,922; Dec. 26.
- Aluminum silicosulphide, Production of. O. Schober and A. Schnitzspahn. 1,921,705; Aug. 8.
- Aluminum sulphate compound, Basic. G. R. Steuart. 1,914,178; June 13.
- Aluminum sulphate, Manufacturing anhydrous. G. R. Steuart. 1,914,177; June 13.
- Aluminum sulphate, Manufacturing anhydrous water soluble. G. R. Steuart. 1,914,176; June 13.
- Aluminum sulphate, Producing. M. Buchner and F. Gewecke. 1,916,603; July 4.
- Aluminum sulphate solutions, Purification of. F. Teller. 1,897,740; Feb. 14.
- Aluminum sulphostearate, Preparing an. A. Horwitz. 1,939,169; Dec. 12.
- Aluminum, Treating. F. M. Clark. Re18,833; May 16.
- Amalgam mixers or the like. F. H. Nies. 1,898,094; Feb. 21.
- Amalgam mixing device. E. V. Parkin. 1,905,302; Apr. 25.
- Amide, Sulphonated carboxylic. F. Guenther and H. Haussmann. 1,932,177; Oct. 24.
- Amides, Purification of. A. O. Jaeger. 1,914,723; June 20.
- Amidines, Manufacture of. T. Birchall and E. H. Hodd. 1,933,206; Oct. 31.
- Amidopyrin borate in combination with acetone and preparation thereof. W. G. Christiansen and A. E. Jurist. 1,894,666; Jan. 17.
- Amine hydrohalide manufacture. N. Lamb. 1,929,950; Oct. 10.
- Amines from phenols, Production of aromatic. P. Herold and F. Reubold. 1,935,209; Nov. 14.
- Amines, Manufacturing primary. K. F. Schmidt and S. Strzygowski. 1,926,756; Sept. 12.
- Amines of the benzyl-anilid type, Manufacturing substituted secondary. W. Herzberg and H. Lange. 1,902,854; Mar. 28.
- Amines, Producing hydrogenated. A. O. Jaeger. 1,907,820; May 9.
- Amines, Sulphonation of aromatic. A. R. Murphy and J. B. Oesch. Re18,873; June 20.
- Amino-alcohols, Manufacture of secondary aromatic. H. Legerlotz. 1,903,927; Apr. 18.
- Aminoalkylsulphonic acids, Preparing. O. Nicodemus and W. Schmidt. 1,932,907; Oct. 31.
- Amino alpha-phenoxy naphthalene. E. F. Grether. 1,921,120; Aug. 8.
- Aminoanthraquinone-nitriles, Manufacture of. M. Kugel. 1,938,029; Dec. 5.
- Amino-anthraquinones, Preparation of. A. J. Wuertz. 1,933,236; Oct. 31.
- Amino aralkylaryl acid, Production of. A. O. Jaeger. 1,936,090; Nov. 21.
- Amino-aryl-thioglycolic intermediates, Manufacturing. H. A. Lubs. 1,911,084; May 23.
- Amino benzol ortho benzoic acid and preparing the same. Substitution products of. E. T. Howell and I. Gubelmann. 1,892,890; Jan. 3.
- Amino compounds, Making primary. W. J. Hale. 1,932,518; Oct. 31.
- Aminoderivatives of hexahydrodiphenyl and making same. E. Korten. 1,906,230; May 2.
- Amino derivatives of the anthraquinone series, Preparation of. P. H. Groggins. 1,923,618; Aug. 22.
- Amino-diphenylamine, Substituted. J. Büsdorf and F. Löfund. 1,900,426; Mar. 7.
- Amino ethers and derivatives thereof, Preparation of. E. C. Britton. 1,932,653; Oct. 31.
- Amino-hydroxyanthraquinones, Manufacture of. E. Koehler. 1,922,480; Aug. 15.
- Aminoketolalcohol and manufacture of same. K. Warnat. 1,911,332; May 30.
- Aminoquinolines and making the same, Substituted. W. Schulemann, F. Schönhöfer, and A. Wingler. 1,903,196; Mar. 28.
- Amino-sulpho chlorides, substituted in the amino-group, Aromatic. H. Schweitzer and K. Burr. 1,939,025; Dec. 12.
- Amino-thiazoles, Preparation of. H. A. Lubs. 1,910,489; May 23.
- Amino trimethylbenzenes, Production of. A. Alt. 1,923,697; Aug. 22.
- Amino-xenols and producing same. M. Wyler. 1,920,828; Aug. 1.
- Ammeter. J. E. Eschbaugh. 1,919,504; July 25.
- Ammonia and catalyst therefor, Oxidation of. U. B. Bray. 1,919,005; July 18.
- Ammonia, Apparatus for decomposing. G. W. Burke. 1,915,120; June 20.
- Ammonia, Apparatus for synthesizing. W. H. Kniskern. 1,936,167; Nov. 21.
- Ammonia, Catalytic oxidation of. A. O. Jaeger. 1,892,767; Jan. 8.
- Ammonia, Catalytic oxidation of. A. O. Jaeger. 1,896,627; Feb. 7.
- Ammonia from a gaseous mixture of nitrogen and hydrogen in their combining proportions, Synthetic production of. R. S. Richardson. 1,909,378; May 16.
- Ammonia from vapor mixtures, Recovery of. W. Nottebohm. 1,911,922; May 30.
- Ammonia oxidation. S. L. Handforth and W. E. Kirst. 1,919,216; July 25.
- Ammonia oxidizing apparatus. I. Hechenbleikner and N. Titlestad. 1,898,775; Feb. 21.
- Ammonia, Process and apparatus for oxidizing. W. E. Wagner. 1,915,077; June 20.
- Ammonia, Production of pure. F. W. Sperr, jr. 1,928,510; Sept. 26.
- Ammonia recovery. F. W. Sperr, jr. 1,936,864; Nov. 28.
- Ammonia syntheses. H. S. Loud. 1,938,598; Dec. 12.
- Ammonia synthesis, Catalytic. A. O. Jaeger. 1,926,099; Sept. 12.
- Ammonia, Synthetic production of. A. E. Hecker. 1,940,860; Dec. 26.
- Ammoniacal compound to be used in the textile industry. F. Hoelkeskamp. 1,917,265; July 11.
- Ammonium carbonate, Producing commercial. T. Coxon. 1,909,757; May 16.
- Ammonium chloride crystals, Production of leaded. C. P. Weise. 1,936,811; Nov. 28.
- Ammonium chloride from solution, Recovery of. R. Cole. 1,913,372; June 13.
- Ammonium chloride, Making. S. B. Heath and H. A. Reimers. 1,919,943; July 25.
- Ammonium compounds, Production of. F. Jost and G. Hornung. 1,923,312; Aug. 22.
- Ammonium perborate, Preparation of. R. Seng. 1,929,121; Oct. 3.
- Ammonium sulphate. Manufacture of. D. Pyzel. 1,932,674; Oct. 31.
- Ammonium sulphate, Manufacture of direct. W. B. Wingert. 1,922,186; Aug. 15.
- Ammonium sulphate, Preparation of. A. J. van Peski. 1,934,573; Nov. 7.
- Ammonium sulphate, Preparing. D. Vorländer and A. Linau. 1,925,739; Sept. 5.
- Ammonium sulphate, Producing. C. G. Atwater. 1,917,915; July 11.

- Ammonium sulphate, Producing. H. Baehr. 1,904,604; Apr. 18.
- Ammonium sulphate, Producing. M. Larsson. 1,902,649; Mar. 21.
- Ammonium sulphate, Production of. L. Rosenstein. 1,928,266; Sept. 26.
- Ammunition. J. E. Burns. 1,900,157; Mar. 7.
- Ammunition. J. E. Burns. 1,905,795-6; Apr. 25.
- Ammunition. A. Campbell. 1,900,159; Mar. 7.
- Ammunition. O. V. Huffman. 1,896,515; Feb. 7.
- Ammunition. W. H. Woodford. 1,892,759; Jan. 3.
- Ammunition. W. H. Woodford. 1,940,657; Dec. 19.
- Ammunition case. A. G. Schuricht. 1,907,218; May 2.
- Amphibian, fishing, life saving, and transporting device. M. F. Quigley. 1,927,952; Sept. 26.
- Amphibian, Multimotored. I. Sikorsky. 1,916,444; July 4.
- Amphibolic material for transportation, Treating. G. V. Wilson. 1,894,250; Jan. 10.
- Amphoteric compound. H. J. Spanner and C. J. R. H. von Wedel. 1,934,830; Nov. 14.
- Amplification system. G. L. Beers. 1,907,478; May 9.
- Amplifier. G. L. Beers. 1,916,405; July 4.
- Amplifier. J. E. Corbin. 1,927,082; Sept. 19.
- Amplifier. V. M. Cousins. 1,924,836; Aug. 29.
- Amplifier. J. Dieux. 1,896,743; Feb. 7.
- Amplifier. R. B. Dome. 1,930,339; Oct. 10.
- Amplifier. H. Hollerith, jr. 1,905,985; Apr. 25.
- Amplifier. P. H. Nelson. 1,911,382; May 30.
- Amplifier. K. Posthumus. 1,904,524; Apr. 18.
- Amplifier. D. F. Whiting. 1,935,966; Nov. 21.
- Amplifier, Audio frequency thermionic. W. S. Smith and N. W. McLachlan. 1,927,377; Sept. 19.
- Amplifier, Audion. A. W. Barber. 1,903,542; Apr. 11.
- Amplifier, Audion. F. H. Drake. 1,938,656; Dec. 12.
- Amplifier, Band-pass. R. A. Braden. 1,938,620; Dec. 12.
- Amplifier, Band pass. B. D. H. Tellegen. 1,926,125; Sept. 12.
- Amplifier, Capacity controlled. C. D. Barbuiesco and P. S. Edwards. 1,917,237; July 11.
- Amplifier, Cascaded. A. Hund. 1,901,558; Mar. 14.
- Amplifier, Cascaded. K. Posthumus and T. J. Weyers. 1,938,639; Dec. 12.
- Amplifier, Direct coupled. W. Burstyn and W. Tausig. 1,923,254; Aug. 22.
- Amplifier, Electric. R. T. Cloud. 1,907,741; May 9.
- Amplifier, Electric. K. Rath. 1,927,846; Sept. 26.
- Amplifier energizing. B. F. Miessner. 1,940,723; Dec. 26.
- Amplifier feed system. J. B. Dow and H. J. Novotney. 1,927,926; Sept. 26.
- Amplifier, Floating cathode. T. H. Nakken. 1,935,369; Nov. 14.
- Amplifier for low frequencies, Radio. R. Gunn. 1,936,597; Nov. 28.
- Amplifier hearing-aid device, Microphonic. H. Lieber and E. C. Nicholides. 1,939,627; Dec. 12.
- Amplifier, High frequency. E. A. Beane and E. F. Andrews. 1,920,342; Aug. 1.
- Amplifier, High frequency. H. F. Elliott. 1,905,826; Apr. 25.
- Amplifier, High frequency. B. Salzberg. 1,928,764; Oct. 3.
- Amplifier, Intermediate frequency. K. Posthumus and T. J. Weyers. 1,938,640; Dec. 12.
- Amplifier, Limiting. S. B. Smith. 1,940,735; Dec. 26.
- Amplifier, Low frequency. H. A. Wheeler. 1,904,185; Apr. 18.
- Amplifier, Multistage. P. Borias. 1,917,426; July 11.
- Amplifier of alternating currents. W. H. T. Holden. 1,918,393; July 18.
- Amplifier or receiver arrangement, Multistage. E. Gerlach. 1,913,024; June 6.
- Amplifier, Power. E. T. Burton. 1,917,015; July 4.
- Amplifier power supply. I. Kirkstaedter. 1,917,722; July 11.
- Amplifier, Push-pull. P. R. Dyksterhuis. 1,931,648; Oct. 24.
- Amplifier, Pushpull. P. J. H. A. Nordlohne. 1,910,040; May 23.
- Amplifier, Push-pull. F. Strecker. 1,924,469; Aug. 29.
- Amplifier, Regenerative. H. Myquist. 1,915,440; June 27.
- Amplifier, Resistance capacitance coupled. W. A. Fitch. 1,941,345; Dec. 26.
- Amplifier, Resistance coupled. W. van B. Roberts. 1,925,340; Sept. 5.
- Amplifier, Screen-grid. H. A. Snow. 1,895,902; Jan. 31.
- Amplifier, Selective. A. S. Riggs. 1,893,563; Jan. 10.
- Amplifier system. W. R. Koch. 1,939,398; Dec. 12.
- Amplifier system. T. H. Nakken. 1,928,760; Oct. 3.
- Amplifier system. A. K. Ross. 1,926,860; Sept. 12.
- Amplifier system. P. J. Walsh. 1,893,044; Jan. 3.
- Amplifier system. R. M. Wise. 1,912,470; June 6.
- Amplifier system and method. E. F. Carter. 1,915,645; June 27.
- Amplifier system, High frequency. R. Colvin. 1,933,707; Nov. 7.
- Amplifier system, Vacuum tube. P. E. Edelman. 1,927,628; Sept. 19.
- Amplifier, Thermionic. C. O. Browne. 1,924,268; Aug. 29.
- Amplifier, Tone. M. Clark. 1,896,683; Feb. 7.
- Amplifier unit, Photocell. E. O. Erickson. 1,905,276; Apr. 25.
- Amplifier with controllable band pass width. W. V. Roberts. 1,907,669; May 9.
- Amplifiers, Controlling electric wave. E. Peterson. 1,893,302; Jan. 3.
- Amplifiers, Governing the output of electrical. F. K. Vreeland. 1,926,129; Sept. 12.
- Amplifiers, Input system for electrical. H. A. Snow. 1,911,096; May 23.
- Amplifiers, Resistance coupled. B. van der Pol and J. van der Mark. 1,907,225; May 2.
- Amplifiers, Thermionic. G. Smiley. 1,909,153; May 16.
- Amplifying and rectifying system, Combined. M. E. Macksoud. 1,920,576; Aug. 1.
- Amplifying apparatus. R. M. Somers. 1,932,645; Oct. 31.
- Amplifying arrangement with tubes connected in counter cadence. J. Bähler. 1,892,924; Jan. 3.
- Amplifying device, Thermionic. S. W. Brown. 1,892,866; Jan. 3.
- Amplifying installation. W. Six and A. L. Timmer. 1,911,721; May 30.
- Amplifying system. J. Engl. 1,895,152; Jan. 24.
- Amplifying system. K. W. Jarvis. 1,899,758; Feb. 28.
- Amplifying system. V. D. Landon. 1,930,523; Oct. 17.
- Amplifying system. V. D. Landon. 1,940,869; Dec. 26.
- Amplifying system. J. D. Marshall. 1,940,001; Dec. 19.
- Amplifying system. L. Thompson. 1,915,629; June 27.
- Amplifying system. A. L. Timmer. 1,920,611; Aug. 1.
- Amplifying tube, Electric glow discharge. G. Seibt and H. Bley. 1,911,928; May 30.
- Ampoule. A. J. Blaivas. 1,905,362; Apr. 25.
- Ampoules, Process and apparatus for testing evacuated. E. Schweitzer. 1,917,465; July 11.
- Ampoules, Process and machine for filling. W. Schaeffer. 1,925,502; Sept. 5.
- Ampule, Double compartment. W. O. Vopata. 1,929,616; Oct. 10.
- Ampule, Filling an. W. Schaeffer. 1,922,458; Aug. 15.
- Ampules for sterile solutions, Double. N. Kovács. 1,928,998; Oct. 3.
- Ampulla, Multiple. S. Kabnick. 1,922,811; Aug. 15.
- Amusement apparatus. L. L. Custer. 1,909,573; Aug. 16.
- Amusement apparatus. A. Gueydan. 1,922,802; Aug. 15.
- Amusement apparatus. R. H. Jewell. 1,919,467; July 25.
- Amusement apparatus. P. S. McLaughlin. 1,911,915; May 30.
- Amusement apparatus. G. E. Pruessner. 1,918,559; July 18.
- Amusement apparatus. H. Shisoff. 1,924,757; Aug. 29.
- Amusement apparatus. V. Stanzel. 1,941,024; Dec. 26.
- Amusement apparatus, Coin controlled. C. L. Wainwright. 1,931,779; Oct. 24.
- Amusement apparatus, Coin controlled. T. W. B. Watling. 1,923,287; Aug. 22.
- Amusement device. D. L. Alger. 1,893,121; Jan. 3.
- Amusement device. R. Chalk. Des. 89,035; Jan. 17.
- Amusement device. W. B. Chuck. 1,933,706; Nov. 7.
- Amusement device. M. Clark. 1,928,281; Sept. 26.
- Amusement device. A. Cowie. 1,898,868; Feb. 21.
- Amusement device. R. H. Frisbie and W. Wright. 1,932,035; Oct. 24.
- Amusement device. C. R. Graham. 1,903,995; Apr. 18.
- Amusement device. J. S. High. 1,913,926; June 13.
- Amusement device. R. B. and C. F. Jones. 1,938,701; Dec. 12.
- Amusement device. K. Koschka. 1,903,116; Mar. 28.
- Amusement device. C. E. Lundberg. 1,937,090; Nov. 28.
- Amusement device. J. B. Millet, M. J. McCarthy, and A. G. Carey. 1,906,993; May 2.
- Amusement device. H. P. Pierson. 1,898,466; Feb. 21.
- Amusement device. G. V. Post. 1,917,948; July 11.
- Amusement device. S. W. Shepherd. 1,902,381; Mar. 21.
- Amusement device. E. W. Sibley. 1,907,451; May 9.
- Amusement device. W. A. Tratsch. 1,916,590; July 4.
- Amusement device, Coin operated. L. D. Cook. 1,937,551; Dec. 5.
- Amusement device, Rotary. S. J. Swanson. 1,901,935; Mar. 21.
- Amusement machine. J. F. Meyer. 1,902,040; Mar. 21.
- Amusement machine. J. F. Meyer. 1,917,385-6; July 11.
- Amusement machine. J. F. Meyer. 1,927,876-7; Sept. 26.
- Amusement machine. J. F. Meyer. 1,934,728; Nov. 14.
- Amusement ride. H. F. Maynes. 1,906,763; May 2.
- Amusement ride. H. G. Traver. 1,940,233; Dec. 19.
- Amusement ride and vehicle. H. G. Traver. 1,916,999; July 4.
- Amylaceous product and preparing the same. W. E. Stokes. 1,939,236; Dec. 12.
- Anæsthetic. M. L. Axelrod. 1,928,346; Sept. 26.
- Anæsthetic. O. H. Stover. 1,907,392; May 2.
- Anæsthetic and analgesic, Rectal. F. W. Nitardy. 1,941,220; Dec. 26.
- Anæsthetic composition. S. D. Goldberg. 1,924,685; Aug. 29.
- Anæsthetic dropping stand. L. E. Haughey. 1,895,036; Jan. 24.
- Anæsthetic, Rectal. F. W. Nitardy. 1,915,945; June 27.
- Anæsthetic apparatus. J. G. E. Hinkle. 1,897,378; Feb. 14.
- Anæsthetic solutions, Production of. M. Woelm. 1,916,089; June 27.
- Analysis, Method and apparatus for. C. P. Harris. 1,907,103; May 2.
- Anamorphoser apparatus for cinematography in colors and in relief. G. Chretien. 1,897,752; Feb. 14.
- Anchor. C. J. Harvey. 1,899,866; Feb. 28.

- Anchor. W. L. McPheeters. 1,918,119; July 11.
 Anchor, Bolt. A. W. Gelpcke. 1,940,856; Dec. 26.
 Anchor, Bolt. R. E. McIntosh. 1,908,160; May 9.
 Anchor, Bolt. R. E. McIntosh and T. J. Noonan. 1,905,730; Apr. 25.
 Anchor, Bolt. J. J. Rawlings. 1,921,981; Aug. 8.
 Anchor, Bolt. C. C. Tomkinson. 1,909,026; May 16.
 Anchor bracket. F. J. Burns. 1,894,730; Jan. 17.
 Anchor device for air brake retainer valves. Joseph W. Weinland. 1,897,091; Feb. 14.
 Anchor, Earth. A. B. Chance. 1,940,938; Dec. 26.
 Anchor, Earth. E. K. Cole. 1,898,340; Feb. 21.
 Anchor, Earth. V. S. Durbin. 1,907,759; May 9.
 Anchor, Earth. W. A. Heinrich. 1,900,498; Mar. 7.
 Anchor escapement for clocks and the like. H. Junghans. 1,895,666; Jan. 31.
 Anchor, Expansion joint. J. C. Bartholet. 1,900,895; Mar. 14.
 Anchor, Fence post. J. F. Swenson. 1,904,177; Apr. 18.
 Anchor for boats. A. Bosch. 1,902,393; Mar. 21.
 Anchor for fastening sheet metal, Riveting. A. F. Abronski. 1,930,187; Oct. 10.
 Anchor, Furnace lining. W. H. Gaylord, jr. 1,928,313; Sept. 26.
 Anchor, Ground. D. Nottenstrom. 1,899,520; Feb. 28.
 Anchor, Guy. C. R. Pieper. 1,936,337; Nov. 21.
 Anchor, Land. R. R. and A. Hirst. 1,926,284; Sept. 12.
 Anchor plug. L. S. Dennis. 1,930,470; Oct. 17.
 Anchor post. A. A. Hollos. 1,894,401; Jan. 17.
 Anchor post. A. A. Hollos. 1,907,811; May 9.
 Anchor, Rail. R. A. Blair. 1,912,357; June 6.
 Anchor, Rail. F. W. Cooper. 1,914,684; June 20.
 Anchor, Rail. G. L. Moore and J. R. Steele. Re18,864; June 13.
 Anchor, Rail. G. L. Moore and J. R. Steele. 1,941,103; Dec. 26.
 Anchor, Rail. J. Schurman. 1,925,573; Sept. 5.
 Anchor, Rail. H. G. Warr. 1,918,305; July 18.
 Anchor, Rail. R. T. Woodings. 1,921,716; Aug. 8.
 Anchor structure, Stanchion. P. G. A. Weise. 1,893,722; Jan. 10.
 Anchorage device. H. Rosenberg. 1,912,100; May 30.
 Anchorage for car roofs, Hoisting. A. R. Wilson. 1,898,110; Feb. 21.
 Anchorage means for link rugs, Edge strip. F. M. Williams and E. W. Coble. 1,914,680; June 20.
 Anchoring device. O. F. Goransson. 1,903,214; Mar. 28.
 Anchoring device for transportable hoisting and hauling appliances. F. Belt. 1,940,901; Dec. 26.
 Anchoring means. A. Janer. 1,900,560; Mar. 7.
 Anchors, Mechanism for dropping and weighing boat. W. A. Hausenluck. 1,912,366; June 6.
 Anemometer. A. U. Davis. 1,905,444; Apr. 25.
 Aneroid and operating means therefor. P. Kollman. 1,930,899; Oct. 17.
 Angle cock device. J. C. McCune. 1,939,911; Dec. 19.
 Angle detector. W. D. Allen. 1,901,793; Mar. 14.
 Angle gauge. W. B. and J. E. Boyce. 1,925,477; Sept. 5.
 Angle marking means. E. P. Cressler. 1,917,433; July 11.
 Angle measuring device. K. von Mayrhauser. 1,926,251; Sept. 12.
 Angle multiselector. S. E. Bray. 1,902,989; Mar. 28.
 Angle tooth cutter. S. Evans and J. A. Herrington. 1,896,295; Feb. 7.
 Angular motion, Indicating. R. R. Chappell and R. J. Streib. 1,937,630; Dec. 5.
 Angular movements, Indicating. A. Urfer. 1,939,375; Dec. 12.
 Anhydride, Production of maleic. E. B. Punnett. 1,895,522; Jan. 31.
 Anhydride, Refining crude phthalic. C. Conover. 1,916,657; July 4.
 Anhydrous caustic, Production of. G. Lynn and R. W. Miller. 1,907,988; May 9.
 Anilides of 2,3-hydroxy naphthoic acid, Substituted. E. F. Grether and L. E. Mills. 1,938,902; Dec. 12.
 Aniline black and preventing the weakening of the fibers, Producing. K. Schmidt. 1,920,717; Aug. 1.
 Aniline, Hydrogenation of homologues of. W. Lommel and T. Goost. 1,927,129; Sept. 19.
 Anilines, Making diethyl. R. L. Heindel, jr. 1,925,802; Sept. 5.
 Animal and holding it open. Device for opening the mouth of an. F. Steigenberger. 1,915,454; June 27.
 Animal and vegetable substances, Preservation of. R. Willstätter. 1,936,123; Nov. 21.
 Animal body, Process and device for cooling the. K. Lark-Horowitz. 1,941,173; Dec. 26.
 Animal feeder. E. D. Einsel and N. C. Nelson. 1,910,596; May 23.
 Animal feeder. F. R. Ritchie. 1,900,868; Mar. 7.
 Animal fibers, Bleaching. J. Müller. 1,937,710; Dec. 5.
 Animal fibers, Dyeing. A. Fischesser. 1,903,175; Mar. 28.
 Animal fibers fast tints, Dyeing. F. Straub and H. Schneider. 1,903,884; Apr. 18.
 Animal fibers, Reserving of. J. Huisman and H. Schweitzer. 1,902,450; Mar. 21.
 Animal glands, Separating active constituents of. M. Behrens. 1,913,471; June 13.
 Animal racing apparatus. V. Soules. 1,930,780; Oct. 17.
 Animal runway trap. H. D. Hoffman. 1,913,594; June 13.
 Animal trap. F. Alva. 1,918,582; July 18.
 Animal trap. V. Bailey. 1,900,219; Mar. 7.
 Animal trap. M. L. Brady. 1,937,262; Nov. 28.
 Animal trap. J. Hartshorn. 1,900,645; Mar. 7.
 Animal trap. K. C. Jakoubek. 1,893,236; Jan. 3.
 Animal trap. A. E. and D. J. Kinsley. 1,930,717; Oct. 17.
 Animal trap. J. U. Lehn. 1,912,457; June 6.
 Animal trap. J. P. Morrill. 1,907,360; May 2.
 Animal trap. J. P. Morrill. 1,913,893; June 13.
 Animal trap. G. E. Osborne. 1,929,286; Oct. 3.
 Animal trap. H. Peterson. 1,923,039; Aug. 15.
 Animal trap. J. I. Pneuman. 1,900,733; Mar. 7.
 Animal trap. J. P. Richardson. 1,927,470; Sept. 19.
 Animal trap. J. Stassart. 1,926,121; Sept. 12.
 Animal trap. R. C. Terry. 1,939,190; Dec. 12.
 Animal trap. W. L. Thada. 1,922,265; Aug. 15.
 Animal trap. J. S. Vickers. 1,901,210; Mar. 14.
 Animal trap. C. E. Witte. 1,913,823; June 13.
 Animal trap. M. L. Young. 1,937,260; Nov. 28.
 Animal trap. J. D. Zahm and J. U. Lehn. 1,904,188; Apr. 18.
 Animal trap. J. D. Zahm and J. U. Lehn. 1,916,877; July 4.
 Animal trap, Self-setting. H. A. Judge. 1,914,972; June 20.
 Animal weaner. A. Johanson. 1,937,895; Dec. 5.
 Animals, Apparatus for skinning. G. Bignami. 1,910,787; May 23.
 Animals, Apparatus for use in electrically stunning. J. Windisch. 1,935,138; Nov. 14.
 Animated and changeable sign, Combined. R. M. Anderson. 1,904,966; Apr. 18.
 Animated display device. R. A. Fletcher. 1,930,164; Oct. 10.
 Annealing. L. L. Lewis. 1,921,934; Aug. 8.
 Annealing apparatus. C. J. Toll. 1,933,461; Oct. 31.
 Annealing art. L. L. Lewis. 1,898,674; Feb. 21.
 Annealing box. H. O. Breaker. 1,893,930; Jan. 10.
 Annealing box. W. J. Kelly and M. P. Burns. 1,910,295; May 23.
 Annealing furnace. C. E. Frazier. 1,907,777; May 9.
 Annealing furnace. A. L. Stevens. 1,907,892; May 9.
 Annealing furnace. N. Webb. 1,938,306; Dec. 5.
 Annealing, Low-temperature bright. R. J. Cowan and O. E. Cullen. 1,905,810; Apr. 25.
 Annealing, Method and apparatus for. J. A. Smail. 1,911,167; May 23.
 Annealing pot. W. B. Runyan. 1,937,847; Dec. 5.
 Annealing process. F. C. Kelley. 1,894,825; Jan. 17.
 Annealing process for off-composition white iron castings. Short cycle. I. R. Valentine. 1,925,855; Sept. 5.
 Annealing process for producing malleable iron. Short cycle. I. R. Valentine. 1,902,475; Mar. 21.
 Announcing apparatus. J. L. Franklin. 1,921,742; Aug. 8.
 Announcing device. L. L. Witter. 1,933,647; Nov. 7.
 Annular bodies, Apparatus for manipulating. R. H. Stevens, W. C. Frank, and H. P. Kelly. 1,907,894; May 9.
 Annular sealing device. N. F. Fretter. 1,938,249; Dec. 5.
 Annunciator. V. Durbin and R. B. Baker. 1,935,262; Nov. 14.
 Annunciator signal. L. J. Loeffler. 1,913,937; June 13.
 Anode and making same. Uniform corrosion. G. F. Geiger. 1,941,256; Dec. 26.
 Anode discharge device, External. G. V. Ryliksky. 1,912,919; June 6.
 Anode for fused bath electrolysis. P. Camescasse. 1,941,387; Dec. 26.
 Anode for mercury vapor rectifiers. M. Schenkel. 1,895,944; Jan. 31.
 Anode for water-cooled vacuum tubes. R. Shimizu. 1,903,945; Apr. 18.
 Anode support. H. C. Howard. 1,906,378; May 2.
 Anodes, Making uniform corrosion. G. F. Geiger. 1,941,257; Dec. 26.
 Antenna. O. Böhm, R. Bechmann, and H. O. Roosenstein. 1,912,754; June 6.
 Antenna. C. S. Franklin. 1,934,182; Nov. 7.
 Antenna. A. Gothe. 1,909,615; May 16.
 Antenna. H. O. Peterson. 1,935,373; Nov. 14.
 Antenna. O. Schmidt. 1,901,060; Mar. 14.
 Antenna. N. von Korshenewsky. 1,917,348; July 11.
 Antenna array. J. S. Stone. 1,922,115-16; Aug. 15.
 Antenna for radio communication. N. E. Lindenblad. 1,927,522; Sept. 19.
 Antenna for radio receiving sets. W. T. Ragland. 1,915,472; June 27.
 Antenna for short and ultra-short waves. W. Hahnemann. 1,920,156; July 25.
 Antenna insulation. H. O. Peterson. 1,908,536; May 9.
 Antenna reel. W. J. Ruble. 1,894,244; Jan. 10.
 Antenna system. E. Bruce. 1,910,147; May 23.
 Antenna system. J. B. Dow. 1,928,645; Oct. 3.
 Antenna system. L. A. Gebhard and R. B. Meyer. 1,903,811; Apr. 18.
 Antenna system. G. B. Hagen. 1,898,661; Feb. 21.
 Antenna system. R. B. Meyer. 1,911,234; May 30.
 Antenna system, Directive. E. Bruce. 1,899,410; Feb. 28.
 Antenna system for sleet melting, and conductor therefor. L. C. F. Horle. 1,917,205; July 4.
 Antenna system, Rotatable. P. S. Carter. 1,918,180; July 11.
 Antenna systems, System for feeding complex. A. H. Taylor. 1,933,941; Nov. 7.

- Antenna transmission lines, Arrangement for. G. W. Gilman. 1,933,668; Nov. 7.
- Antenna, Weatherproof direction-finding. A. Lebl. 1,892,958; Jan. 3.
- Antenna wire, Device for cutting. C. B. Mirick. 1,913,813; June 13.
- Antenne, Energizing. N. E. Lindenblad. 1,902,086; Mar. 21.
- Anthanthrone, Brominating. R. Herz and W. Zerweck. 1,905,285; Apr. 25.
- Anthanthrone, Chlorinating. R. Herz and W. Zerweck. 1,905,286; Apr. 25.
- Anthraquinone acridone and preparing it, Halogenated. M. A. Kunz, K. Koeberle, and E. Berthold. 1,924,446; Aug. 29.
- Anthraquinoneacridones and making same, Halogenated. W. Bruck. 1,903,891; Apr. 18.
- Anthraquinone azines, Production of. P. Nawiasky and L. Eiffaender. 1,895,203; Jan. 24.
- Anthraquinone derivatives and preparing the same. I. Gubelmann, H. J. Weiland, and O. Stallman. 1,906,581; May 2.
- Anthraquinone derivatives, Manufacture of. R. F. Thomson and W. W. Tatum. 1,898,750; Feb. 21.
- Anthraquinone derivatives, Preparing. I. Gubelmann and J. M. Tinker. 1,910,693; May 23.
- Anthraquinone derivatives, Production of. R. F. Thomson and R. J. Loveluck. 1,924,664; Aug. 29.
- Anthraquinones, Making. L. C. Daniels. 1,895,788; Jan. 31.
- Anticlimbing device for towers. N. B. Obbard. 1,915,752; June 27.
- Anticombustion process. A. O. Jaeger. 1,910,836; May 23.
- Anticreeper. G. W. Hunt. 1,935,562; Nov. 14.
- Anticreeping device. F. H. Gilmore and H. H. Kruger. 1,892,747; Jan. 3.
- Antidazzle device. E. Walmsley and H. A. Francis. 1,924,338; Aug. 29.
- Antidraft apparatus for doors. T. D. Yoder. 1,922,068; Aug. 15.
- Antifogging device. W. F. Lenhart. 1,913,205; June 6.
- Antifogging device. W. T. Sherer. 1,893,525; Jan. 10.
- Antifouling composition. G. Van Zale, E. F. Young, and R. E. and J. O. Deuser. 1,914,964; June 20.
- Antifreeze composition. G. D. Graves. 1,900,014; Mar. 7.
- Antifreeze composition for radiators and the like. J. B. McCauley. 1,902,287; Mar. 21.
- Antifreeze compound for radiators. O. P. Greenstreet. 1,905,380; Apr. 25.
- Antifreeze device for water pipes. W. W. Parsley and J. W. Welch. 1,937,667; Dec. 5.
- Antifreeze mixture for automobile radiators. J. W. and F. A. Dennis. 1,896,291; Feb. 7.
- Antifreeze noncorrosive solution. J. F. T. Berliner, R. J. Kepfer, and C. S. Sherman. 1,915,148; June 20.
- Antifreezing compounds. W. E. Kemmerich. 1,906,972; May 2.
- Antifreezing solution. P. Attkiss. 1,893,835; Jan. 10.
- Antifreezing solution. R. Masuda. 1,901,111; Mar. 14.
- Antifriction bearing. C. R. Bailey. 1,898,074; Feb. 21.
- Antifriction bearing. C. R. Bailey. 1,913,365; June 13.
- Antifriction bearing. H. I. Beard. 1,911,544; May 30.
- Antifriction bearing. G. R. Bott. 1,901,580; Mar. 14.
- Antifriction bearing. G. R. Bott. 1,915,287; June 27.
- Antifriction bearing. H. R. Gibbons. 1,906,259; May 2.
- Antifriction bearing. H. R. Gibbons. 1,907,421; May 2.
- Antifriction bearing. K. L. Herrmann. 1,913,275; June 6.
- Antifriction bearing. K. L. Herrmann. 1,931,073; Oct. 17.
- Antifriction bearing. R. B. Hoover. 1,901,967; Mar. 21.
- Antifriction bearing. F. Leister. 1,924,937; Aug. 29.
- Antifriction bearing. J. F. O'Connor. 1,897,585; Feb. 14.
- Antifriction bearing. H. P. Phillips. 1,926,403; Sept. 12.
- Antifriction bearing. G. H. Schatz. 1,910,061; May 23.
- Antifriction bearing. F. W. Scheffler. 1,928,114; Sept. 26.
- Antifriction bearing. C. A. Swart. 1,907,015; May 2.
- Antifriction equalizing bearing. R. W. Barrett. 1,905,333; Apr. 25.
- Antiglare device. W. L. Dysart. 1,903,917; Apr. 18.
- Antiglare device. R. J. J. and R. J. Eisenzopf. 1,928,249; Sept. 26.
- Antiglare device. H. B. Hitz. 1,931,438; Oct. 17.
- Antiglare device. H. R. Kimbler. 1,936,304; Nov. 21.
- Antiglare device. L. H. King and R. G. Stock. 1,917,799; July 11.
- Antiglare device. J. Pekar. 1,906,090; Apr. 25.
- Antiglare device. J. S. Walker. 1,905,322; Apr. 25.
- Antiglare device. J. S. Walker. 1,941,332; Dec. 26.
- Antiglare device, Adjustable. E. M. Keller. 1,928,666; Oct. 3.
- Antiglare device for automobiles. J. P. Tedford. 1,901,011; Mar. 14.
- Antiglare device for headlights. J. E. Fisher. 1,926,717; Sept. 12.
- Antiglare device for rear view mirrors. J. S. Moorby. 1,909,302; May 16.
- Antileak construction for walls. W. J. Burgin. 1,909,657; May 16.
- Antimonates, Preparing. F. Hörner. 1,916,797; July 4.
- Antimony trifluorodichloride, Manufacture of. R. R. McNary. 1,934,943; Nov. 14.
- Antioxidant. A. M. Clifford. 1,894,231; Jan. 10.
- Antioxidant. A. M. Clifford. 1,923,707; Aug. 22.
- Antioxidant for vulcanized rubber products. J. R. Ingram. 1,896,544; Feb. 7.
- Antioxidant or age retarder for rubber compounds. W. M. Lauter. 1,923,735; Aug. 22.
- Antiperculating device. F. O. Ball, A. B. Couture, and W. P. Cousino. 1,909,390; May 16.
- Antipyrine, Obtaining. E. F. Grether. 1,896,619; Feb. 7.
- Antipyrine compositions containing amidopyrin. W. G. Christiansen. 1,898,002; Feb. 21.
- Antipyrine, Preparing. C. J. Strosacker and C. C. Schwegler. 1,918,503; July 18.
- Antirachitically active product. A. Windaus. 1,902,745; Mar. 21.
- Antirattle and fastening device for window sash. Combination. H. B. Herdeg and M. E. Smith. 1,923,146; Aug. 22.
- Antirattle device. I. Andrews. Re18,800; Apr. 25.
- Antirattler for window sashes. E. Mann. 1,938,149; Dec. 5.
- Antirattler for windows, Double acting. J. F. Levan. 1,911,697; May 30.
- Antirattling hinge. L. V. Olivet. 1,936,769; Nov. 28.
- Antiricketic substance and the production thereof. A. J. Pacini. 1,920,587; Aug. 1.
- Antiseptic absorbent and manufacture of the same. R. J. and M. Woody. 1,935,170; Nov. 14.
- Antiseptic preparation. J. E. Stacey. 1,924,169; Aug. 29.
- Antishimmy device. S. G. Baits. 1,918,445; July 18.
- Antishimmy device. G. E. A. Hallett. 1,924,718; Aug. 29.
- Antishimmy device. J. Piotrowski. 1,935,521; Nov. 14.
- Antishimmying device. H. Pelletier. 1,939,409; Dec. 12.
- Antisiphon device for fuel tanks. F. E. Terry. 1,931,335; Oct. 17.
- Antisiphon trap. H. A. Blanchard. 1,935,934-5; Nov. 21.
- Antisiphoning device. W. E. Moreland. 1,928,569; Sept. 26.
- Anti-skid appliance for shoes. E. Pasquall. 1,893,103; Jan. 3.
- Antiskid attachment for wheels. F. R. and C. A. Prange. 1,894,003; Jan. 10.
- Antiskid chain. G. A. Beckwith. 1,909,803; May 16.
- Antiskid chain. N. E. Brooke. 1,929,769; Oct. 10.
- Antiskid chain. H. B. Drury. 1,905,998; Apr. 25.
- Antiskid chain. A. W. Mendel. 1,924,286; Aug. 29.
- Antiskid device. F. Cirman. 1,927,779; Sept. 19.
- Antiskid device. M. C. Dodge. 1,932,576; Oct. 31.
- Antiskid device. H. F. Drury. 1,905,997; Apr. 25.
- Antiskid device. L. B. Erwin. 1,939,771; Dec. 19.
- Antiskid device. F. J. Flanagan. 1,930,793; Oct. 17.
- Antiskid device. W. L. Jones. 1,903,460; Apr. 11.
- Antiskid device. J. B. Keaney. 1,921,192; Aug. 8.
- Antiskid device. F. Lloyd. 1,901,311; Mar. 14.
- Antiskid device. H. G. Metcalf and K. H. Bowen. 1,934,318; Nov. 7.
- Antiskid device. H. M. Stettner. 1,893,718; Jan. 10.
- Antiskid device for automobiles. R. O. Couch and L. B. Eschbach. 1,923,190; Aug. 22.
- Antiskid device for vehicle wheels. J. Y. Lambert. 1,912,714; June 6.
- Antislip ring. C. R. McMinn, J. T. Robinson, and J. B. Holliday. Re18,776; Mar. 28.
- Antislip sheet product. A. W. Charbonneau. 1,914,402; June 20.
- Antisolvant dewaxing. J. A. Anderson. 1,907,703; May 9.
- Antisplasher. C. A. Schacht. 1,896,204; Feb. 7.
- Antispread device for beds. M. Fanders. 1,926,437; Sept. 12.
- Antitheft construction for vehicle fuel tanks. W. F. Wahl. 1,939,423; Dec. 12.
- Antitheft device. J. F. Bergander. 1,928,876; Oct. 3.
- Antitheft device. A. J. Getty. 1,940,747; Dec. 26.
- Antitheft device. H. E. Norviel. 1,899,350; Feb. 28.
- Antitheft device for fluid containers. H. W. Bates. 1,895,963; Jan. 31.
- Anti-thumb-sucking device. R. Parke. Des. 90,678; Sept. 12.
- Antitoxicant for fats and oils. R. C. Newton and D. P. Grette. 1,903,126; Mar. 28.
- Antivibration device for automobiles and like vehicles. G. W. Bell. 1,914,553; June 20.
- Antivibration mechanism for blower casings. D. French. 1,915,058; June 20.
- Anvil blade for wire stitching machines. R. E. Zeruneith. 1,893,664; Jan. 10.
- Anvil, Stitching machine. H. R. Bliss and H. G. Allen. 1,902,825; Mar. 28.
- Anvil vise. E. F. Grant. 1,908,748; May 16.
- Apartment house. H. W. Tullgren. 1,896,734; Feb. 7.
- Apertures in hollow bodies, Forming and reinforcing. J. H. Taylor. 1,901,201; Mar. 14.
- Apparatus capable of producing a uniform discharge of fluid from or against a variable head or pressure. F. R. Webb. 1,907,162; May 2.
- Apparatus for collecting and conveying dusts. P. P. Nungesser. 1,893,505; Jan. 10.
- Apparatus for controlling load distribution. E. D. Doyle. 1,918,021; July 11.
- Apparatus for controlling the flow of refrigerant in refrigerating apparatus. T. E. Carpenter. 1,919,500; July 25.
- Apparatus for delivering pulverized material. W. D. Cloos. 1,917,827; July 11.
- Apparatus for electrolysis of fused bath. L. E. Ward. 1,921,376; Aug. 8.
- Apparatus for erecting staging, platforms, and the like. J. McF. Fortune. 1,893,165; Jan. 3.

- Apparatus for indicating the ratio between the linear function of two temperatures. R. Lanquetin. 1,938,074; Dec. 5.
- Apparatus for mechanical and heat treatment of metal articles. R. C. Ingersoll. 1,894,590; Jan. 17.
- Apparatus for recording sound. O. M. Dunning. 1,917,830; July 11.
- Apparatus for sinking bodies such as caissons and piles. A. F. Johnson. 1,905,643; Apr. 25.
- Apparatus for welding. J. M. Rohlfing. 1,917,901; July 11.
- Apparel hanger. R. M. Hoerner. 1,912,199; May 30.
- Apparel, Wearing. D. Neustadt. 1,937,356; Nov. 28.
- Apparel, Wearing. A. Scherer. 1,902,268; Mar. 21.
- Apple. E. P. Wray. Pl. Pt. 61; Apr. 18.
- Apple products, Canning. L. C. Mazzola. 1,934,810; Nov. 14.
- Apple sauce, Making and canning. S. L. Crawford and W. F. Wegner. 1,910,754; May 23.
- Appliance for playing games. W. H. Storey. 1,903,661; Apr. 11.
- Appliance for smokers. C. A. Foley. 1,915,414; June 27.
- Appliance for use in hair waving. W. and H. MacDonald. 1,904,064; Apr. 18.
- Appliance plug. F. Beal. 1,914,709; June 20.
- Applicator. O. Cohen. 1,896,941; Feb. 7.
- Applicator. F. B. Cooney. 1,909,096; May 16.
- Applicator. A. E. Drake. 1,924,916; Aug. 29.
- Applicator. K. E. Golden. 1,927,089; Sept. 19.
- Applicator. H. B. Lermer. 1,918,706; July 18.
- Applicator and massage instrument. E. M. Robinson. 1,905,750; Apr. 25.
- Applicator, Cyanide. K. A. Kilbourne. 1,900,717; Mar. 7.
- Applicator for light source, Hand. W. O. Prouty. Des. 90,126; June 13.
- Applicator for liquid cosmetics. W. Biederman. 1,910,669; May 23.
- Applicator for polishing wheels and the like, Lubricant. J. H. Keating and J. W. Coates. 1,919,026; July 18.
- Applicator for radiant source, Hand. W. O. Prouty. Des. 90,125; June 13.
- Applicator for treating surfaces. C. F. and E. J. Seibert. 1,901,825-6; Mar. 14.
- Applicator, Self feeding. R. G. Leland. 1,923,316; Aug. 22.
- Applcot. H. Yount and A. T. Gossman. Pl. Pt. 74; Sept. 26.
- Apron. H. Goldberger. Des. 88,958-60; Jan. 10.
- Apron. R. J. Meeks. Des. 90,673; Sept. 12.
- Apron. F. L. Rouleau. 1,933,185; Oct. 31.
- Apron and drain trough for washers, Unloading. A. D. Staley. 1,903,321; Apr. 4.
- Apron for car dumpers. O. M. Carse. 1,905,367; Apr. 25.
- Apron or belt guiding mechanism, Automatic. W. J. Asher. 1,915,878; June 27.
- Apron loop drier, Flexible. P. W. Bur. 1,931,430; Oct. 17.
- Apron loop drier, Flexible. J. Roberts. 1,939,523; Dec. 12.
- Apron protector, Automobile. S. H. H. Kuenzel. 1,930,719; Oct. 17.
- Apron tension device. O. W. Johnson. 1,930,811; Oct. 17.
- Aqua-ammonia to fertilizer mixtures, Applying. E. W. Harvey. 1,894,767; Jan. 17.
- Aquarium. L. Venditti. 1,908,939; May 16.
- Aquarium. W. Welshausen. 1,939,583; Dec. 12.
- Aquarium. R. Wright. Des. 90,041; May 30.
- Aquatic device. G. C. Ederle and C. W. Kelsey. 1,911,129; May 23.
- Aquatic device. C. Garland. 1,928,418; Sept. 26.
- Aquatic toy. E. Shannahan. 1,918,874; July 18.
- Aqueous dispersions, Manufacture of. R. A. Crawford and F. K. Schoenfeld. 1,919,775; July 25.
- Aqueous dispersions of Montan wax and other water immiscible bodies and process of making. O. F. Neitzke. 1,940,431; Dec. 19.
- Aqueous dispersions, Preparation of. H. Ulrich and C. Schuster. 1,930,845; Oct. 17.
- Aqueous liquids from dripping from the lips of vessels, Preventing. H. K. Martin. 1,918,117; July 11.
- Aqueous solutions, Concentrating dilute. F. E. Lichtenhaeler. 1,912,585; June 6.
- Aqueous solutions containing propionic acid, Dehydrating. H. G. Stone. 1,939,237; Dec. 12.
- Arbor, Chuck and centering. H. S. Beckett. 1,897,228; Feb. 14.
- Arbor for pipe casting molds. T. G. Bush, jr. 1,899,228; Feb. 28.
- Arbor, Ring holding. C. H. Warren. 1,909,323; May 16.
- Arc, Adjustable. W. Hinkelmann. 1,900,500; Mar. 7.
- Arc back, Preventing. H. Simon. 1,899,594; Feb. 28.
- Arc control device. N. A. Wahlberg. 1,916,400; July 4.
- Arc device, Enclosed. F. Weinberg. 1,939,377; Dec. 12.
- Arc discharge device. F. P. Whitaker. 1,894,806; Jan. 17.
- Arc extinguisher structure. B. P. Baker. 1,925,858; Sept. 5.
- Arc extinguishing device for electric switches. J. Sachs. 1,922,060; Aug. 15.
- Arc extinguishing structure. W. M. Austin. 1,896,763; Feb. 7.
- Arc health lamp. M. W. McArdle and I. Jeppsson. 1,933,065; Oct. 31.
- Arc interrupter. R. R. Pittman. 1,901,609; Mar. 14.
- Arc interrupter. R. R. Pittman. 1,927,614; Sept. 19.
- Arc lamp. O. Conradty. 1,908,321; May 9.
- Arc lamp. W. R. Gruber. 1,922,036; Aug. 15.
- Arc lamp. I. F. Hummon, jr. 1,935,907; Nov. 21.
- Arc lamp. W. C. Spieth. 1,906,491; May 2.
- Arc lamp. J. H. Wagenhorst. 1,929,295; Oct. 3.
- Arc lamp. J. H. Wagenhorst. 1,938,236; Dec. 5.
- Arc lighting apparatus. J. H. Wagenhorst. 1,918,725; July 18.
- Arc quencher for safety switches. O. S. Jennings. 1,914,129; June 13.
- Arc screen protection system. A. McL. Nicolson. 1,893,504; Jan. 10.
- Arc suppressor. J. G. Jackson and W. T. Allen. 1,898,128; Feb. 21.
- Arc welding apparatus. E. M. Glenn and A. M. Wiggins. 1,918,963; July 18.
- Arc welding apparatus. R. Stresau. 1,930,290; Oct. 10.
- Arc welding device, Automatic. W. E. Smith. 1,940,331; Dec. 19.
- Arc welding system. S. R. Bergman. 1,893,354; Jan. 3.
- Arch for boiler fireboxes. R. J. Needham. 1,918,420; July 18.
- Arch for furnaces and tile therefor, Suspended. C. L. Todd. 1,921,107; Aug. 8.
- Arch lift. M. G. Waksmundzka. 1,930,889; Oct. 17.
- Arch particularly for use in metallurgical furnaces. W. Alberts. 1,904,596; Apr. 18.
- Arch protector, Rubber cushion. J. E. Stagl. 1,915,627; June 27.
- Arch support. P. S. Doumitt. 1,910,886; May 23.
- Arch support. J. H. Golden. 1,902,952; Mar. 28.
- Arch support. G. D. Horning. 1,895,327; Jan. 24.
- Arch support. J. G. Mitchie. 1,901,353; Mar. 14.
- Arch support. M. Sadler. 1,931,415; Oct. 17.
- Arch support. S. L. Spicer and H. S. Bovaird. 1,928,634; Oct. 3.
- Arch support, Adjustable. J. C. Howell. 1,904,789; Apr. 18.
- Arch support for footwear. S. M. Nickerson. 1,907,995; May 9.
- Arch support for footwear. S. M. Nickerson. 1,907,997; May 9.
- Arch support for shoes. J. C. Howell. 1,904,790; Apr. 18.
- Arch support, Metatarsal. J. J. Coran. 1,893,697; Jan. 10.
- Arch support retainer. L. M. McCormick. 1,898,092; Feb. 21.
- Arch supporter. L. Pignaneli. 1,924,051; Aug. 22.
- Arch supporter. H. L. Whitman. 1,938,127; Dec. 5.
- Arch supporting device for footwear. S. Johnstone. 1,896,536; Feb. 7.
- Armchair. P. Goodman. Des. 90,705; Sept. 19.
- Arm or lever or the like. R. S. M. Mitchell. 1,911,459; May 30.
- Armrest. G. R. Pittman. 1,904,800; Apr. 18.
- Armrest. G. Trautvetter. 1,937,301; Nov. 28.
- Arm rest for seats, Folding. A. E. Lehman. 1,894,621; Jan. 17.
- Arm support for auto rumble seats. F. G. Fox. 1,898,008; Feb. 21.
- Arm, wrist, and hand on a violin, Positioning the. W. C. Hays. 1,906,584; May 2.
- Arms, Back sight for small. A. T. C. Hale and E. Keeling. 1,917,645; July 11.
- Armature. V. G. Apple. 1,894,723; Jan. 17.
- Armature. V. G. Apple. 1,897,544; Feb. 14.
- Armature. V. G. Apple. 1,925,891; Sept. 5.
- Armature. V. G. Apple. 1,939,615; Dec. 12.
- Armature coil. V. G. Apple. 1,917,482; July 11.
- Armature for magnetic loud speakers. A. Hammer. 1,922,679; Aug. 15.
- Armature insulation. H. H. Eaton. 1,913,333; June 6.
- Armature test machine. R. C. Wheelchel. 1,906,030; Apr. 25.
- Armature winding. C. F. Jenkins. 1,916,374; July 4.
- Armature windings, Protection for. A. Oldenburg. 1,904,514; Apr. 18.
- Armature, Wire wound. V. G. Apple. 1,921,112; Aug. 8.
- Aromatic amines, Deamination of primary. A. O. Jaeger. 1,907,821; May 9.
- Aromatic amines, Making halogenated. L. E. Mills. 1,935,515; Nov. 14.
- Aromatic amines, Manufacture of secondary. W. L. Semon and P. C. Jones. 1,921,587; Aug. 8.
- Aromatic amines with butyraldehyde and products obtained thereby, Condensing. I. Williams. 1,939,192; Dec. 12.
- Aromatic compounds, Catalytic side chain oxidation of. A. O. Jaeger. 1,900,648; Mar. 7.
- Aromatic compounds, Catalytically oxidizing. A. O. Jaeger. 1,909,354; May 16.
- Aromatic compounds containing adhering impurities, Purification of solid. W. Minnis. 1,920,517; Aug. 1.
- Aromatic compounds, Halogenation of. M. A. Kunz, K. Koerberle, and E. Berthold. 1,904,145; Apr. 18.
- Aromatic compounds, Manufacture of halogenated. J. R. Mares. 1,935,648; Nov. 21.
- Aromatic compounds, New colloidal mercurized hydroxy. H. Günzler and O. Neubert. 1,903,895; Apr. 18.
- Aromatic compounds, Oxidation of. F. Kačer. 1,935,949; Nov. 21.
- Aromatic compounds, Oxidation of side chain. A. O. Jaeger. 1,937,962; Dec. 5.
- Aromatic compounds, Purification of crude. A. O. Jaeger and L. C. Daniels. 1,892,770-2; Jan. 3.

- Aromatic compounds, Purification of crude. A. O. Jaeger and C. Daniels. 1,905,903; Apr. 25.
- Aroyl-o-benzoic acid series, Compound of the. H. A. Brunson. 1,934,033; Nov. 7.
- Arrangement for application of driving box wedge bolts. J. E. Bennett. 1,932,880; Oct. 31.
- Arrow feathering machine. T. Belshaw. 1,896,536; Feb. 7.
- Arsenic and antimony from iron ores and manganese ores, Process for eliminating. E. Scheil. 1,923,511; Aug. 22.
- Arsenic compound, Organic. E. Lyons and O. M. Grubitz. 1,940,760; Dec. 26.
- Arsenic from acids, particularly sulphuric acid, Eliminating. C. Baron von Girsewald and W. Siecke. 1,894,720; Jan. 17.
- Arsenic from sulphur, Removal of. J. S. Dunn. 1,899,562; Feb. 28.
- Arseno-compounds and purifying same, Heterocyclic. A. Binz and C. R  th. 1,902,756; Mar. 21.
- Arsenic acid, Methyl-hydroxy-aminobenzene. K. Streitwolf, A. Fehrle, and H. Hilmer. 1,935,960; Nov. 21.
- Art material and manufacturing the same, Inlaid. H. G. Moore. 1,910,904; May 23.
- Ar-tetrahydronaphthol ethers, Manufacturing. E. Korten. 1,918,648; July 18.
- Ar-tetrahydronaphthylamine compounds, Manufacturing. F. Klingemann, W. Lommel, E. Korten, and T. Goost. 1,919,592; July 25.
- Artichokes for canning, Apparatus for preparing. H. A. Vetch. 1,906,438; May 2.
- Article aligning mechanism. A. L. Bausman. 1,916,959; July 4.
- Article and bonding with resin solutions, Composite. H. M. Dent. 1,917,020; July 4.
- Article and making the same, Hollow rubber. S. L. Palmer. 1,897,025; Feb. 7.
- Article and quantity designator for menus and the like. L. Berry. 1,899,382; Feb. 28.
- Article carrier. A. Onos. 1,918,486; July 18.
- Article case. J. A. Cassell. 1,899,311; Feb. 28.
- Article. Cast ferrous nitrided. A. W. Morris. 1,906,995; May 2.
- Article coating apparatus, Automatically controlled. H. C. Pierce. 1,940,269; Dec. 19.
- Article-collecting machine. C. T. Braren. 1,904,613; Apr. 18.
- Article delivery device. C. G. Shepherd. 1,902,669; Mar. 21.
- Article dispenser. L. H. Morin. 1,925,563; Sept. 5.
- Article displaying device. A. E. Ritchie. 1,934,236; Nov. 7.
- Article distributing device. E. Scofield. 1,923,753; Aug. 22.
- Article feeding machine. P. H. Hutchinson and J. Klopak. 1,893,839; Jan. 10.
- Article for transferring color and other material. L. E. Benner. 1,894,727; Jan. 17.
- Article handling device. W. H. and S. H. Denney. 1,907,347; May 2.
- Article handling device. O. F. Presbrey. 1,901,566; Mar. 14.
- Article handling machine. O. F. Presbrey. 1,895,939; Jan. 31.
- Article-handling machine, Article-controlled. J. L. Baber, jr. 1,908,944; May 16.
- Article handling system. W. H. Mason. 1,923,548-9; Aug. 22.
- Article holder. A. Butterman. 1,938,414; Dec. 5.
- Article holder. E. Hinkel. 1,928,491; Sept. 26.
- Article holder. R. M. Kincaid. 1,924,502; Aug. 29.
- Article holder. L. R. Wilmarth. 1,906,031; Apr. 25.
- Article, Making a mold. A. M. Herbsman. 1,894,400; Jan. 17.
- Article, method, and machine for manufacture. S. K. Zahn. 1,919,180; July 18.
- Article of ceramic bonded crystalline alumina granules, Abrasive. L. H. Milligan and C. H. Quick. 1,910,031; May 23.
- Article of manufacture. A. N. Lurie. 1,902,175; Mar. 21.
- Article of manufacture. T. Resch. 1,918,135; July 11.
- Article of manufacture in an electric well drill. H. D. Sandstone. 1,906,771; May 2.
- Article of manufacture, Producing an. H. L. Crowley. 1,904,273; Apr. 18.
- Article of metallic compositions or alloys of lead. J. R. Townsend. 1,896,473; Feb. 7.
- Article-retaining container. G. B. Case and P. J. Salmon. 1,913,105; June 6.
- Article securing pin. F. Kaufman. 1,939,984; Dec. 19.
- Article supporting bracket. H. A. Du Bois. 1,922,935; Aug. 15.
- Article transfer mechanism. O. C. K. Hutchinson and W. C. Gillham. 1,898,449; Feb. 21.
- Article treating apparatus. E. L. Foley. 1,905,694; Apr. 25.
- Article with associated plunger rod. H. F. Shaw. 1,905,425; Apr. 25.
- Article working apparatus. C. W. Bell and W. K. Dillon. 1,921,400; Aug. 8.
- Articles and producing them, Enameled metal. L. R. Smith. 1,919,136; July 18.
- Articles, Apparatus for classifying spherical. W. D. Kmentt. 1,921,621; Aug. 8.
- Articles, Apparatus for handling. F. Jaeger. 1,892,670; Jan. 3.
- Articles, Apparatus for heating. H. Frischkorn. 1,920,691; Aug. 1.
- Articles, Apparatus for packaging. J. A. Kerr. 1,934,471; Nov. 7.
- Articles, Apparatus for polishing. H. L. Vandevort. 1,912,552; June 6.
- Articles, Apparatus for the formation of hollow. L. Lidsky. 1,898,194; Feb. 21.
- Articles, Apparatus for treating. B. F. Irwin and H. T. Tornberg. 1,939,054; Dec. 12.
- Articles, Apparatus for trimming. C. W. Steele. 1,925,884; Sept. 5.
- Articles, Coating. T. K. Cox. 1,894,671; Jan. 17.
- Articles containing rubber or similar material, Manufacture of. D. F. Twiss and R. G. James. 1,910,580; May 23.
- Articles deposited from rubber dispersions, Method of and apparatus for improving. H. Hazell. 1,931,002; Oct. 17.
- Articles, Device for pressing. P. C. Christiansen. Re18,721; Jan. 24.
- Articles for plating, Preparing. H. F. Hitner. 1,909,149; May 16.
- Articles, Forming shaped. L. Navias. 1,899,584; Feb. 28.
- Articles from celluloid and the like, Making. W. Mendel. 1,903,530; Apr. 11.
- Articles from celluloid and the like, Manufacturing. S. A. Neidich and W. Mendel. 1,904,289; Apr. 18.
- Articles from corrosion, Protecting. W. S. Calcott, A. S. Carter, and F. B. Downing. 1,896,158; Feb. 7.
- Articles from masses containing silicon, Production of shaped. H. Haeuber. 1,916,836; July 4.
- Articles from molds, Method of and apparatus for loosening and removing. E. Blaker. 1,895,909; Jan. 31.
- Articles from packing cases, Removing. J. W. Schade. 1,919,380; July 25.
- Articles from rubber dispersions, Making. E. B. Newton. 1,924,214; Aug. 29.
- Articles having a polygonal cross section, Making. R. L. Wilcox. 1,934,752; Nov. 14.
- Articles made of hydraulic cement mixtures, Surface finishing. P. Davis. 1,920,065; July 25.
- Articles made under heat and pressure, Manufacture of. C. Dreyfus. 1,910,948; May 23.
- Articles, Making rubber-fiber. B. Dewey. 1,917,755; July 11.
- Articles, Manufacture of formed. F. L. Bronson. 1,904,268; Apr. 18.
- Articles, Method and apparatus for cleaning. K. J. R. Robertson. 1,907,875; May 9.
- Articles, Method and apparatus for decorating and forming. T. S. Reese. 1,893,785; Jan. 10.
- Articles, Method and apparatus for stacking flat. A. Winkler and M. D  nnelber. 1,898,704; Feb. 21.
- Articles, Method and apparatus for wrapping. P. Langhammer. 1,915,499; June 27.
- Articles, Method and machine for wrapping. E. L. Smith and L. G. Krusell. 1,940,375; Dec. 19.
- Articles, Method of and a system for impregnating. B. K. Ford and M. A. Lamme. 1,920,191; Aug. 1.
- Articles, Method of and material employed in the manufacture of refractory. H. E. White. 1,897,183; Feb. 14.
- Articles of fused quartz, Process for and apparatus for use in molding. A. O. F. von Beaulieu Marconnay. 1,932,402; Oct. 31.
- Articles of manufacture, Corrosion resisting. F. M. Becket. 1,896,155; Feb. 7.
- Articles of nonglazed porcelain especially suitable for cooling use, Proceeding for burning in piles the. G. Fuschl. 1,917,964; July 11.
- Articles of/or containing rubber or similar materials, Manufacture of. E. A. Murphy, R. G. James and D. F. Twiss. 1,894,629; Jan. 17.
- Articles of plastic clay, Process and apparatus for forming. L. J. Friedl. 1,906,566; May 2.
- Articles of plastic material, Apparatus for forming molded or embossed. A. Kremmling. 1,906,160; Apr. 25.
- Articles of plastic material, Method and apparatus for forming. C. W. Leguillon. 1,919,374; July 25.
- Articles of resin bonded granular material, Making. D. E. Webster and B. Sanford. 1,893,117; Jan. 3.
- Articles of rubber from aqueous dispersions, Manufacturing. R. G. James and D. F. Twiss. 1,910,547; May 23.
- Articles, Packaging. J. M. Munson. 1,899,207; Feb. 28.
- Articles produced in one machine and consumed in another machine, Treating. J. Neff. 1,920,762; Aug. 1.
- Articles, Protection and authentication of. E. Bayle, H. George, and A. Mach  . 1,899,452; Feb. 28.
- Articles relative to their variation in size, Device for assorting. S. A. Foster. 1,935,086; Nov. 14.
- Articles, Stretching. G. M. Argabrite. 1,934,027; Nov. 7.
- Articles suspended from supporting devices through baths, Apparatus for passing. J. Oertli. 1,921,206; Aug. 8.
- Articles upon a traveling assembling carrier, Mechanism for distributing. F. G. Purinton. 1,905,056; Apr. 25.
- Articles with refractory. Coating. W. E. Goldsborough and R. E. Lowe. 1,897,003; Feb. 7.
- Articles with sheet material, Method of and apparatus for covering. W. P. Devine. 1,935,833; Nov. 21.
- Articulated articles, Molding. J. Luton. 1,931,585; Oct. 24.
- Artificial masses, Manufacture of. W. Pungs and K. Eissenmann. 1,904,529; Apr. 18.

- Artificial material and making same. L. Lilienfeld. 1,910,440; May 23.
- Artificial materials, Manufacture of. R. P. Roberts. 1,926,111; Sept. 12.
- Artificial materials, Production of. W. A. Dickie and P. F. C. Sowter. 1,920,188; Aug. 1.
- Artificial products of viscose, Manufacture of. H. Pfannenstiel and H. Meyer. 1,933,999; Nov. 7.
- Artificial reed fabric. J. E. Millett. 1,897,671; Feb. 14.
- Artillery. G. C. Davison. 1,934,700; Nov. 14.
- Artillery computing system. H. C. Ford. 1,904,215; Apr. 18.
- Artillery wheel stamping, Dished. A. F. Hanson. 1,934,424; Nov. 7.
- Aryl-alpha-naphthylamines, Manufacture of. J. Frei. 1,921,076; Aug. 8.
- Arylamines, Chlorination of. E. Havas and H. R. Lee. 1,930,754; Oct. 17.
- Arylamines, Purification of. H. J. Welland. 1,918,997; July 18.
- Arylamino-anthraquinone bodies, Preparing. W. C. Meuly. 1,931,265; Oct. 17.
- Arylaminothiazole compounds, Manufacture of nuclear halogenated derivatives of. R. Herz and M. Schubert. 1,905,287; Apr. 25.
- Arylamino-2-hydroxy-naphthalene-3-carboxylic acids. L. Laska and O. Haller. 1,936,722; Nov. 28.
- Arylglycines, Production of. J. E. Jewett. 1,923,730; Aug. 22.
- Arylide of hydroxy aromatic acids and making same. E. F. Grether. 1,933,901; Dec. 12.
- Arylides of hydroxynaphthoic acids. E. F. Grether. 1,925,801; Sept. 5.
- Arylides of 2,3-hydroxy-naphthoic acid, New. E. F. Grether and G. H. Coleman. 1,908,976; May 16.
- Arylides of 2,3-hydroxy-naphthoic acid. E. F. Grether and L. E. Mills. 1,935,554; Nov. 14.
- Aryl ketones, Production of. A. O. Jaeger. 1,936,091; Nov. 21.
- Arylthiouracans and aldehydes and preparing the same, Reaction products of. J. G. Schmidt. 1,919,135; July 18.
- Asbestos and making, Rubber bonded. R. M. Day. 1,898,985; Feb. 21.
- Asbestos and resulting product, Dispersing. G. R. Tucker. 1,907,616; May 9.
- Asbestos cement sheet, Reinforced. E. and A. P. Hurden and S. E. Beeson. 1,931,494; Oct. 24.
- Asbestos, Manufacture of rubber bonded. G. R. Tucker. 1,907,617; May 9.
- Asbestos sheets or plates, Apparatus for the manufacture of corrugated reinforced. A. H. Arentsen. 1,915,510; June 27.
- Asbestos with latex and product thereof, Treatment of. W. B. Westcott. 1,907,634; May 9.
- Ash can. P. D'Angelo. 1,905,622; Apr. 25.
- Ash container, Dustproof. C. W. Gaa. 1,937,337; Nov. 28.
- Ash discharging device. E. Hahn. 1,892,946; Jan. 3.
- Ash disposal apparatus. R. A. Foresman. 1,905,223; Apr. 25.
- Ash disposal system. T. G. Coghlan. 1,914,991; June 20.
- Ash grinder and remover, Furnace. F. B. Allen. 1,912,336; May 30.
- Ash handling apparatus. R. A. Foresman. 1,894,267; Jan. 17.
- Ashpan and blow off muffler structure. E. I. Hetch. 1,895,161; Jan. 24.
- Ash quencher. J. J. Fry. 1,929,093; Oct. 3.
- Ash receiver. R. N. Baylis. 1,908,279; May 9.
- Ash receiver. J. H. Cohen. 1,923,529; Aug. 22.
- Ash receiver. S. W. Hyatt. 1,893,704; Jan. 10.
- Ash receiver. G. Jiran. 1,936,303; Nov. 21.
- Ash receiver. S. D. Locke. 1,913,452; June 13.
- Ash receiver. J. H. Reichart. 1,918,058; July 11.
- Ash receiver. J. L. Thomas. 1,905,403; Apr. 25.
- Ash receiver and beverage container support, Combination. G. W. Caldwell. 1,915,214; June 20.
- Ash receiver for automobiles. J. Sinko. 1,931,093; Oct. 17.
- Ash receiver for smokers. M. R. Wronski. 1,931,015; Oct. 17.
- Ash receptacle. A. C. Grunwald. 1,910,988; May 23.
- Ash receptacle. A. C. Grunwald. 1,913,754; June 13.
- Ash receptacle. A. C. Grunwald. 1,927,565; Sept. 19.
- Ash receptacle. J. F. Madden. 1,920,091; July 25.
- Ash receptacle. E. J. Ranhofer. 1,912,860; June 6.
- Ash receptacle, Individual. M. J. Green. 1,895,988; Jan. 31.
- Ash remover, Over-lapping screw. H. C. Carter and M. C. Richardson. 1,933,656; Nov. 7.
- Ash tray. G. O. Campbell. 1,902,014; Mar. 21.
- Ash tray. E. M. Soreng. Des. 90,299; July 11.
- Asparagus grading machine. W. R. Johnson. 1,927,405; Sept. 19.
- Asphalt, Apparatus for spreading hot. J. F. Gallagher. 1,930,309; Oct. 10.
- Asphalt blocks, Apparatus for and method of treating. R. F. Morrison. 1,903,741; Apr. 11.
- Asphalt, Blowing. H. T. Swerissen. 1,912,667; June 6.
- Asphalt emulsion. P. R. Smith. 1,926,246; Sept. 12.
- Asphalt emulsion. K. Taylor. 1,932,648; Oct. 31.
- Asphalt macadam surface courses, Constructing. L. R. Mason and E. E. Griffith. 1,915,814; June 27.
- Asphalt, Method of and apparatus for dividing. R. A. Curran. 1,939,391; Dec. 12.
- Asphalt pouring device. C. H. Whymer. 1,909,327; May 16.
- Asphalt, Process and apparatus for producing. E. W. Gard and P. Subkow. 1,911,114; May 23.
- Asphalt, Producing. L. Kirschbraun. 1,902,305; Mar. 21.
- Asphalt product, Air blown. M. Levine. 1,934,315; Nov. 7.
- Asphaltic emulsion. D. M. Hepburn. 1,931,072; Oct. 17.
- Asphalts, Preparation of high grade synthetic. S. C. Fulton and V. Kalichevsky. 1,926,523; Sept. 12.
- Aspirator. T. B. Stephenson. 1,897,343; Feb. 14.
- Aspirator. T. B. Stephenson. 1,897,404; Feb. 14.
- Aspirator. R. H. Zinkil and L. B. Stine. 1,893,724; Jan. 10.
- Assembler slide bar brake. H. D. Reese and R. Harris. 1,913,565; June 13.
- Assembling and transporting stacked articles. G. W. Butts. 1,900,756; Mar. 7.
- Assembling apparatus. W. N. Booth. 1,913,065; June 6.
- Assembling device for card cases. C. L'Enfant. 1,896,634; Feb. 7.
- Assembling fixture. E. R. Ekstrom. 1,913,537; June 13.
- Assembling machine. A. J. Lewis, J. W. Richardson, and C. J. Spill. 1,920,266; Aug. 1.
- Assembling machine and jig. F. W. Doyle. 1,905,690; Apr. 25.
- Assembly machine and method. V. Oldberg. 1,907,656; May 9.
- Assembly of a head and reflector for a lamp. A. G. Steinmayer. 1,912,601; June 6.
- Assembly of electrical apparatus. L. H. VanBilliard. 1,938,410; Dec. 5.
- Associating and folding mechanism. A. M. Zuckerman. 1,907,169; May 2.
- Assorter for ironing machines, Lot or burner. F. J. Couch. 1,928,548; Sept. 26.
- Assortment dispensing container. A. E. Neely. 1,896,827; Feb. 7.
- Astragal, Compensating. J. F. Powell. 1,922,860; Aug. 15.
- Astronomical appliance for educational and other purposes. D. McEwan. 1,928,025; Sept. 26.
- Astronomical device. D. Phillips. 1,912,305; May 30.
- Asynchronous machines, Regulation of. W. Seiz. 1,895,349; Jan. 24.
- Atmospheric roll drier. S. Wood. 1,927,694; Sept. 19.
- Atomizer. L. V. Aronson. 1,900,087; Mar. 7.
- Atomizer. L. V. Aronson. 1,914,094; June 13.
- Atomizer. L. V. Aronson. 1,914,319; June 13.
- Atomizer. L. V. Aronson. 1,929,465; Oct. 10.
- Atomizer. S. P. and H. A. Cowardin. 1,898,763; Feb. 21.
- Atomizer. T. J. Fulton. 1,901,806; Mar. 14.
- Atomizer. C. J. Lagerholm. 1,934,359; Nov. 7.
- Atomizer. C. J. Lagerholm. 1,935,571; Nov. 14.
- Atomizer. J. J. Klein. 1,899,698; Feb. 28.
- Atomizer. A. Klotzman. 1,919,027; July 18.
- Atomizer. F. N. Lewis. Des. 90,722; Sept. 19.
- Atomizer. J. G. Rideout. Des. 90,733; Sept. 19.
- Atomizer. F. A. Schneider. 1,901,415; Mar. 14.
- Atomizer. T. H. Venn. 1,898,325; Feb. 21.
- Atomizer. F. A. Vuilleminot. Des. 90,036; May 30.
- Atomizer. N. Weidner. 1,926,570; Sept. 12.
- Atomizer, Centrifugal. D. D. Peebles and A. E. Barlow. 1,939,364; Dec. 12.
- Atomizer control. J. B. Schmitt. 1,897,679; Feb. 14.
- Atomizer ensemble and container therefor. F. N. Lewis. Des. 90,721; Sept. 19.
- Atomizer ensemble and container therefor. F. N. Lewis. Des. 90,723; Sept. 19.
- Atomizer for internal combustion engines, Gasoline. R. Oppenheim. 1,896,786; Feb. 7.
- Atomizer, Liquid. C. S. Frick. 1,896,744; Feb. 7.
- Atomizer or sprayer. C. H. Jarvis. 1,920,865; Aug. 1.
- Atomizer, Perfume. C. W. Blackmun. 1,930,872; Oct. 17.
- Atomizer, Pump. F. Custer. 1,896,701; Feb. 7.
- Atomizer with cleaning and flushing attachment. C. E. Lewis. 1,910,025; May 23.
- Atomizing and evaporating device for vegetables and the like. N. B. Wales. 1,922,147; Aug. 15.
- Atomizing head. A. W. Anthony, Jr. 1,896,339; Feb. 7.
- Atomizing materials, Method and apparatus for. E. Rotheim. 1,892,750; Jan. 3.
- Attaching member. G. Johnson. 1,931,728; Oct. 24.
- Attachment assembly for liquid coolers. R. Berry. 1,936,103; Nov. 21.
- Attachment for calculating machines. H. E. Enders. 1,898,819; Feb. 21.
- Attachment for controlling at a large distance valves of the nonrising-stem type. C. Hall, Jr. 1,929,867; Oct. 10.
- Attachment for interchangeable handles. R. C. Clark and A. E. Hahn. 1,937,549; Dec. 5.
- Attachment for internal combustion engines. J. P. Hauke. 1,936,111; Nov. 21.
- Attachment or holder for fire extinguishers, Automatic. J. J. Carroll. 1,936,007; Nov. 21.
- Attachment plug. C. Hannan, Jr. 1,922,948; Aug. 15.
- Attachment plug. L. M. Lazarus. 1,906,976; May 2.
- Attachment plug. L. M. Lazarus. 1,929,175; Oct. 3.
- Attachment plug. J. B. Magee. 1,904,691; Apr. 18.
- Attachment plug. S. M. Weisberg. 1,941,374; Dec. 26.
- Attenuation unit. R. K. Potter. 1,905,353; Apr. 25.
- Audio construction. R. F. Gowen. 1,893,466; Jan. 3.
- Audio tube. E. L. Koch. 1,899,039; Feb. 28.

- Audions, Eliminating effects of variations in currents applied to. G. B. Crouse. 1,918,899; July 18.
- Audiphone. W. G. G. Benway. 1,897,833; Feb. 14.
- Audiphone ear drum protector for bathers. J. Cohn. Des. 89,947; May 23.
- Auditing and merchandise control system, Automatic. M. L. Nelson. 1,927,556; Sept. 19.
- Auditing machine. M. M. Goldberg. 1,898,048; Feb. 21.
- Auditorium seat. A. H. Fraser, jr. 1,910,206; May 23.
- Auger bit. J. A. Arenz. 1,910,143; May 23.
- Auger, Fish. B. C. Youman. 1,900,267; Mar. 7.
- Auto door latch. A. Haberstump. 1,908,343; May 9.
- Auto jack. H. L. Dahneke. 1,914,769; June 20.
- Auto lift and the like. T. A. Banning, jr. 1,919,156; July 18.
- Auto-plate. D. J. Kelley. Des. 89,641; Apr. 18.
- Autocollimating device. A. Carbarini. 1,930,969; Oct. 17.
- Autographic register. R. J. Copeland. 1,929,483; Oct. 10.
- Autographic register. L. Jensen. 1,902,284; Mar. 21.
- Autographic register. L. Jensen. 1,923,829; Aug. 22.
- Autographic register, Portable. L. Jensen. 1,894,745; Jan. 17.
- Automatic brake. E. Delano. 1,937,686; Dec. 5.
- Automatic clutch. P. E. Mack. 1,937,971; Dec. 5.
- Automatic clutch. A. J. Nowak. 1,924,723; Aug. 29.
- Automatic clutch. H. Nurt and H. V. Reed. 1,931,674; Oct. 24.
- Automatic contact plug. C. A. Good. 1,939,259; Dec. 12.
- Automatic control. P. D. Harvey. 1,892,948; Jan. 3.
- Automatic control switch. L. C. Irwin. 1,903,924; Apr. 18.
- Automatic control system and apparatus therefor. T. R. Harrison. 1,893,182; Feb. 21.
- Automatic control valve. F. E. Beebe. 1,924,177; Aug. 29.
- Automatic coupling. C. Kuppers. 1,922,543; Aug. 15.
- Automatic cut off switch. T. D. Hopkins. 1,925,982; Sept. 5.
- Automatic developing tank. C. Bodan and S. J. Pask. 1,940,202; Dec. 19.
- Automatic double buck press. E. Davis. 1,940,642; Dec. 19.
- Automatic equalizing support. F. R. Wallace and J. T. Ramsden. 1,905,020; Apr. 25.
- Automatic feeding table. A. L. Melucci. 1,933,275; Oct. 31.
- Automatic filling plug. C. C. Wallace. 1,938,988; Dec. 12.
- Automatic-forging machine. O. J. Berger. 1,896,692; Feb. 7.
- Automatic friction clutch. A. Bolton. 1,906,522; May 2.
- Automatic gain control. G. A. Mathieu and G. A. Isted. 1,905,946; Apr. 25.
- Automatic gas valve. E. J. Bast. Re18,878; June 27.
- Automatic gas valve. D. C. Carver. 1,941,163; Dec. 26.
- Automatic gate. A. A. Williams. 1,903,208; Mar. 28.
- Automatic jack. L. M. Cortigiano. 1,894,086; Jan. 10.
- Automatic lubricator. J. W. Arnold. 1,940,481; Dec. 19.
- Automatic lubricator. F. W. Gill. 1,931,894; Oct. 24.
- Automatic lubricator. E. Ryder. 1,908,189; May 9.
- Automatic lubricator. J. R. Warner. 1,902,601; Mar. 21.
- Automatic machine for cutting plastic products. G. J. Patitz and R. W. Bunge. 1,892,705; Jan. 3.
- Automatic machine for making bottle caps. H. J. Carter. 1,940,581; Dec. 19.
- Automatic machine for making marking tag clips. F. Magidson. 1,894,880; Jan. 17.
- Automatic machine for producing spring ring casings. K. Dürr. 1,910,214; May 23.
- Automatic machine for the manufacture of soap bars. A. T. Hüntner. 1,903,920; Apr. 18.
- Automatic machine tool, Combined. L. H. Blood and C. W. Goodrich. 1,924,594; Aug. 29.
- Automatic machine with magnetic plates for regulating arcs. R. Sarazin. 1,899,829; Feb. 28.
- Automatic margin bar. R. Weide. 1,940,381; Dec. 19.
- Automatic meter, Multiple guaranty repeating. H. L. Blum. 1,929,407; Oct. 10.
- Automatic mill mixer. H. D. Stevens. 1,923,027; Aug. 15.
- Automatic regulator. B. Jones. 1,934,982; Nov. 14.
- Automatic relief valve. W. L. Ingram. 1,937,038; Nov. 28.
- Automatic reversing mechanism. S. W. Bath. 1,929,268; Oct. 3.
- Automatic sign. P. B. Whitney. 1,923,523; Aug. 22.
- Automatic signal device. E. H. Chesnutt. 1,918,231; July 11.
- Automatic signal switch. P. I. A. Runge. 1,940,465; Dec. 19.
- Automatic stop and check valve, Combined. C. M. House and C. J. Clutter. 1,918,544; July 18.
- Automatic switch. E. T. Ford. 1,927,934; Sept. 26.
- Automatic switch. T. W. Thirlwell. 1,896,985; Feb. 7.
- Automatic switch. T. W. Thirlwell. 1,903,580; Apr. 11.
- Automatic switch. T. W. Thirlwell. 1,910,134; May 23.
- Automatic turret clamp. O. Kylin. 1,934,358; Nov. 7.
- Automatic valve. P. Belyavin. 1,911,959; May 30.
- Automatic valve. E. S. Buck. 1,919,413; July 25.
- Automatic valve. W. A. McLean. 1,900,514; Mar. 7.
- Automatic valve. P. C. Temple. 1,934,753; Nov. 14.
- Automatic valve. C. L. Wait. 1,893,462; Jan. 3.
- Automatic vehicle jack. G. Ramondetta. 1,920,216; Aug. 1.
- Automatic washer. E. S. Russell. 1,929,993; Oct. 10.
- Automatic window regulator. E. L. Ackerman. 1,905,876; Apr. 25.
- Automatically operated valve. R. J. Dougherty. 1,927,259; Sept. 19.
- Automobile. H. R. Holmes. 1,906,601; May 2.
- Automobile. J. R. Hughes. Des. 89,191; Feb. 7.
- Automobile. J. Ledwinka. Des. 89,202; Feb. 7.
- Automobile. A. E. Northrup. Des. 89,787; May 2.
- Automobile. A. R. Renner. Des. 91,087; Nov. 21.
- Automobile accessory. H. A. King. 1,900,448; Mar. 7.
- Automobile, Air driven. J. P. Halloran. 1,902,124; Mar. 21.
- Automobile attachment. A. H. Ellis. 1,894,233; Jan. 10.
- Automobile automatic backstop. T. L. Harrison. 1,927,785; Sept. 19.
- Automobile block. L. P. Hughes. 1,914,743; June 20.
- Automobile body. G. E. Grimm. 1,913,306; June 6.
- Automobile body. F. Humer. 1,902,999; Mar. 28.
- Automobile body. J. Ledwinka. 1,909,287; May 16.
- Automobile body. S. D. Locke and H. J. Stegeman. 1,922,545; Aug. 15.
- Automobile body. A. E. Northrup. Des. 89,448; Mar. 14.
- Automobile body and top. C. I. Burgman. 1,940,444; Dec. 19.
- Automobile body construction. H. R. Creelius. 1,921,284; Aug. 8.
- Automobile body construction. J. A. Smith. 1,894,383; Jan. 17.
- Automobile body, Convertible. W. Elser. 1,924,030; Aug. 22.
- Automobile body sill. A. L. Nelson and F. W. Pease. 1,895,171; Jan. 24.
- Automobile brake, Automatic nonbacking. O. B. Hunt. 1,933,265; Oct. 31.
- Automobile chassis, Making. M. S. Clark. 1,911,061; May 23.
- Automobile chassis or sheet metal stampings. J. P. Tarbox. Re18,759; Feb. 28.
- Automobile closed body construction. H. J. Woodall and M. S. Randall. Re18,720; Jan. 24.
- Automobile construction. C. W. Van Ranst. 1,923,342; Aug. 22.
- Automobile construction, Heavy duty. H. D. Church. 1,900,484; Mar. 7.
- Automobile controller and switch. A. J. Weatherhead, jr. Re18,731; Feb. 7.
- Automobile cover. L. Levine. 1,905,973; Apr. 25.
- Automobile cover. E. Wandscheer. 1,912,231; May 30.
- Automobile cover apparatus. N. L. Persinger. 1,918,423; July 18.
- Automobile, Device for preventing retrograde movement of an. J. L. Gonard. 1,903,178; Mar. 28.
- Automobile differential. C. N. McManis. 1,904,797; Apr. 18.
- Automobile direction signal. M. Micharich. 1,910,257; May 23.
- Automobile door handle. C. B. Lowe. 1,918,411; July 18.
- Automobile extractor. S. K. Ramos. 1,901,261; Mar. 14.
- Automobile frame. N. E. Wahlberg. 1,893,721; Jan. 10.
- Automobile frame straightening device. W. Jaynes. 1,910,760; May 23.
- Automobile frame straightening machine. H. Wochner. 1,907,925; May 9.
- Automobile frames, Making. N. E. Wahlberg. 1,907,910; May 9.
- Automobile heater. A. H. Bates. 1,913,742; June 13.
- Automobile heater. J. F. Brock. 1,903,653; Apr. 11.
- Automobile heater. F. B. Hanchett, jr. 1,923,484; Aug. 22.
- Automobile heater. J. Holle. 1,921,466; Aug. 8.
- Automobile heater. J. M. Howe. 1,903,387; Apr. 4.
- Automobile heater. H. Hueber. 1,938,559; Dec. 5.
- Automobile heater. A. B. Modine. 1,905,487; Apr. 25.
- Automobile heater. W. T. Scott. 1,907,883; May 9.
- Automobile heater. S. R. Terrell. 1,928,513; Sept. 26.
- Automobile heater. G. W. Veale. 1,923,765; Aug. 22.
- Automobile hood. G. H. Bobertz, jr., and T. J. La Fontaine. 1,911,600; May 30.
- Automobile hood. A. E. Northrup. Des. 90,210; June 27.
- Automobile hood, radiator, and headlight, Combined. H. R. Hayes. Des. 89,759; May 2.
- Automobile hood valley. W. C. Garman. 1,913,074; June 6.
- Automobile indicating device. A. F. Jackson. 1,905,717; Apr. 25.
- Automobile jack. W. Bedard and J. F. Lockhart. 1,899,131; Feb. 28.
- Automobile jack. R. H. Dart. 1,918,591; July 18.
- Automobile jack. M. J. Deutsch. 1,927,561; Sept. 19.
- Automobile jack. H. A. Elwell. 1,922,475; Aug. 15.
- Automobile jack. G. W. Gieffers. 1,892,665; Jan. 3.
- Automobile jack. Z. V. Kuchan. 1,893,418; Jan. 3.
- Automobile jack. K. Peter, E. S. Schneiderman, and A. Berkner. 1,931,033; Oct. 17.
- Automobile jack. L. E. Pryor. 1,901,332; Mar. 14.
- Automobile jack. G. Schmeling. 1,927,300; Sept. 19.
- Automobile jack. F. L. Shire. 1,929,262; Oct. 3.
- Automobile jack. F. F. Weller. 1,929,572; Oct. 10.
- Automobile jack. M. F. Wuebben and R. Schroeder. 1,937,457; Nov. 28.
- Automobile jack, Mechanical. F. Marth. 1,927,411; Sept. 19.

- Automobile license tag holder. L. Locollo and A. Morra. 1,922,595; Aug. 15.
- Automobile lift. G. P. Ball. 1,902,820; Mar. 28.
- Automobile lift. E. W. Holmes. 1,910,106; May 23.
- Automobile lift. M. H. Huffer. 1,934,926; Nov. 14.
- Automobile lift. E. H. Steedman. 1,893,185; Jan. 3.
- Automobile lifting mechanism. A. Gerstenberger. 1,924,276; Aug. 29.
- Automobile lighting. R. K. Winning. 1,918,579; July 18.
- Automobile lock. A. W. Farrell. 1,929,240; Oct. 3.
- Automobile lock. A. W. Farrell. 1,934,919; Nov. 14.
- Automobile lock. O. S. Hershey. 1,898,127; Feb. 21.
- Automobile lock. F. A. Smith. 1,917,608; July 11.
- Automobile motor and body supporting construction. J. Wahrhaftig and D. G. Cullen. 1,936,892; Nov. 28.
- Automobile parking device. G. R. Blakesley. 1,920,305; Sept. 26.
- Automobile parking machine. W. Cain, sr. 1,932,446; Oct. 31.
- Automobile radiator shell with louver-type grille. L. B. Green. Des. 88,965; Jan. 10.
- Automobile-radiating control unit. E. C. Booth. Des. 90,306; July 18.
- Automobile safety control. B. Miller. 1,912,949; June 6.
- Automobile seat. J. L. MacAllister. 1,938,435; Dec. 5.
- Automobile seat. C. L. Roberts. 1,903,267; Mar. 28.
- Automobile seat, Multiflex. J. Kleitsky. 1,928,155; Sept. 26.
- Automobile servicing machine. W. T. Carter. 1,903,905; Apr. 18.
- Automobile signal. W. Eddy. 1,894,484; Jan. 17.
- Automobile signal. A. M. Flanders and J. T. Dessureau. 1,924,778; Aug. 29.
- Automobile signal. J. E. Garvin. 1,906,568; May 2.
- Automobile signal. H. G. Happy. 1,934,306; Nov. 7.
- Automobile stage body. D. E. Austin. 1,902,607; Mar. 21.
- Automobile steering machine, Motor-operated. F. Lang. 1,939,453; Dec. 12.
- Automobile table. R. P. Baus. 1,897,107; Feb. 14.
- Automobile table. F. Bayman and R. C. Brennesbultz. 1,900,325; Mar. 7.
- Automobile theft device. G. A. Wettengel. 1,903,584; Apr. 11.
- Automobile top. D. D. Howatt. 1,940,911; Dec. 26.
- Automobile trailer construction. H. H. Linn. 1,915,325; June 27.
- Automobile truck body. N. Papas. Des. 90,547; Aug. 22.
- Automobile turn frame. A. Gueriero. 1,893,822; Jan. 10.
- Automobile vehicle. O. Windberger. 1,936,318; Nov. 21.
- Automobile vehicle, Electrically driven. H. Ledwinka. 1,906,930; May 2.
- Automobile ventilator. J. A. Bombard and R. J. Rogers. 1,918,630; July 18.
- Automobile ventilator. E. L. Kraft. 1,921,976; Aug. 8.
- Automobile wheel. L. D. Kay. 1,928,896; Oct. 3.
- Automobile wheel. P. M. Miller. 1,936,725; Nov. 28.
- Automobile wheel. J. H. Wagenhorst. 1,939,328; Dec. 12.
- Automobiles, Accessory for. W. R. Gallagher, jr., and W. L. Lloyd. 1,919,326; July 25.
- Automobiles, Device for preventing the theft or unauthorized use of. W. Blaschk. 1,923,907; Aug. 22.
- Automobiles, Device for preventing undesired backward motion of. F. L. Morse. 1,898,492; Feb. 21.
- Automobiles, Method and apparatus for cleaning and polishing. B. K. Gillespie. 1,934,494; Nov. 7.
- Automobiles, Rear vision device for closed body. N. T. Harrington. 1,907,800; May 9.
- Automobiles, Registration plate holder for. M. and L. Zaiger. 1,910,211; May 23.
- Automobiles, Transportation of. E. H. Perkins and U. E. Mills. 1,931,803; Oct. 24.
- Automotive brake. J. M. J. Dormoy. 1,910,527; May 23.
- Automotive brake. L. Dotson. 1,908,228; May 9.
- Automotive brake. P. L. Lobe and S. Vorech. 1,927,942; Sept. 26.
- Automotive brake. C. D. Stewart and H. R. Hughes. 1,923,173; Aug. 22.
- Automotive heater. B. Kirsch. 1,923,676; Aug. 22.
- Automotive system. H. P. Smith. 1,900,470; Mar. 7.
- Automotive tool. G. F. Fagan. 1,903,755; Apr. 18.
- Automotive transmission mechanism. S. Jencick. 1,907,115; May 2.
- Auxiliary lamp. C. Kaiser. 1,915,740; June 27.
- Auxiliary tire valve. E. B. Moore. 1,928,069; Sept. 26.
- Aviation engine. L. Chevrolet and R. J. Parrish. 1,906,045; Apr. 25.
- Aviation instruction apparatus. W. H. Ball and J. R. Ball. 1,924,390; Aug. 29.
- Aviator training or amusement device. A. Bisch. 1,906,443; May 2.
- Awning. C. H. J. Ditz. 1,897,636; Feb. 14.
- Awning. G. H. Foerster. 1,930,998; Oct. 17.
- Awning. M. C. Indahl. 1,941,308; Dec. 26.
- Awning and shield. Combination. C. E. Pullen. 1,932,145; Oct. 24.
- Awning and shutter, Adjustable combination. G. F. Shepard. 1,905,514; Apr. 25.
- Awning and shutter, Combined. C. F. Miller. 1,902,879; Mar. 28.
- Awning and shutter, Combined. C. F. Miller and S. W. Brundage. 1,939,310; Dec. 12.
- Awning and shutter, Convertible. C. F. Miller and S. W. Brundage. 1,895,723; Jan. 31.
- Awning arm bracket. H. C. Heiser. 1,922,764; Aug. 15.
- Awning arm, Foldable. R. Wilson. 1,932,945; Oct. 31.
- Awning arms, Folding. H. C. Heiser. 1,915,529; June 27.
- Awning center bearing, Adjustable. H. C. Heiser. 1,937,341; Nov. 28.
- Awning construction, Lateral arm. E. F. Bell and F. A. Anton. 1,897,029; Feb. 14.
- Awning fixture. H. C. Middleton, jr. 1,930,940; Oct. 17.
- Awning frame. L. Y. Buckingham. 1,928,366; Sept. 26.
- Awning hanger. I. Flexer. 1,916,788; July 4.
- Awning head rod bracket. M. E. Heyer. 1,931,148; Oct. 17.
- Awning, Metal. C. F. Moser. 1,930,595; Oct. 17.
- Awning, Metal. S. Stack. 1,893,659; Jan. 10.
- Awning of metal or like rigid material. J. A. Martin. 1,901,976; Mar. 21.
- Awning operator. F. N. Elisius. 1,938,140; Dec. 5.
- Awning outrigging. J. H. Dazzo. 1,903,289; Apr. 4.
- Awning, Rigid. O. F. Bauschard. 1,926,609; Sept. 12.
- Awning, Rolling metal. F. J. Richardson. 1,917,811; July 11.
- Awning, Shutter. F. A. Jones. 1,938,525; Dec. 5.
- Awning, Skylight. F. Brown. 1,905,339; Apr. 25.
- Awning structure. W. G. Dunn. 1,923,301; Aug. 22.
- Awning support, Adjustable. M. Lipkowitz. 1,939,269; Dec. 12.
- Ax. W. E. Pelton and E. H. Holcombe. 1,895,342; Jan. 24.
- Axe puller. I. J., D. A., and F. A. Porter. 1,916,866; July 4.
- Axle. E. B. Clarke. 1,895,311; Jan. 24.
- Axle. G. W. Harper. Re18,708; Jan. 3.
- Axle. E. C. Mogford and G. Spatta. 1,899,347; Feb. 28.
- Axle. E. C. Mogford and G. Spatta. 1,926,346; Sept. 12.
- Axle and dust cover construction, Front. E. R. Gurney. 1,908,750; May 16.
- Axle and hub, Vehicle. A. J. Metz. 1,926,549-50; Sept. 12.
- Axle and making the same. F. C. Crawford and G. H. Hufferd. 1,931,105; Oct. 17.
- Axle assembly. E. R. Evans. 1,908,335; May 9.
- Axle, Automobile drive. J. Haltenberger. 1,937,653; Dec. 5.
- Axle, Automotive driving. M. B. Morgan. 1,895,168; Jan. 24.
- Axle, Automotive driving. M. B. Morgan. 1,913,718; June 13.
- Axle bearing. V. A. Bary. 1,921,339; Aug. 8.
- Axle bearing. V. A. Bary. 1,937,741; Dec. 5.
- Axle box. G. Eveno. 1,908,739; May 16.
- Axle box. H. S. Vincent. 1,898,470; Feb. 21.
- Axle casings, Making. G. Spatta. 1,926,353; Sept. 12.
- Axle, Combination. A. C. Beardslee and C. G. Clark. 1,931,919; Oct. 24.
- Axle construction, Driving. D. T. Brownlee. 1,910,319; May 23.
- Axle construction for motor vehicles, Rear. J. A. Watson, jr. 1,893,259; Jan. 3.
- Axle construction, Rear. H. Ford. 1,937,950; Dec. 5.
- Axle drive, Front. A. I. Marcum. 1,899,240; Feb. 28.
- Axle drive, Tandem. R. B. Fageol. 1,933,667; Nov. 7.
- Axle, Driving. M. B. Morgan. 1,921,769; Aug. 8.
- Axle, Flexible vehicle. N. Cushman. 1,927,230; Sept. 19.
- Axle for motor vehicles, Propulsion. O. A. Ross. 1,919,344; July 25.
- Axle, Forming an. B. H. Urschel. 1,913,464; June 13.
- Axle, Front drive. J. C. Jarrett. 1,937,821; Dec. 5.
- Axle housing and making the same. L. Blackmore. 1,903,088; Mar. 28.
- Axle housings and parts therefor, Producing. H. S. Holmes. 1,934,854; Nov. 14.
- Axle housings, Making. E. B. Clark. 1,905,150; Apr. 25.
- Axle housings, Making. D. A. Wallace. 1,896,990; Feb. 7.
- Axle mounting. E. O. Hamren. 1,909,349; May 16.
- Axle puller, Broken. J. L. Earl. 1,908,829; May 16.
- Axle puller, Electromagnetic. W. N. Koch and M. D. Lantz. 1,908,260; May 9.
- Axle, Roller bearing. T. V. Buckwalter. 1,906,529; May 2.
- Axle shaft remover, Broken. H. R. Jarvis. 1,895,928; Jan. 31.
- Axle steering and torque resisting arrangement, Tandem. A. I. Marcum. 1,935,746; Nov. 21.
- Axle steering with front wheel drive, Rear. H. Cremer. 1,897,551; Feb. 14.
- Axle straightening mechanism. H. Wochner. Re18,714; Jan. 17.
- Axle structure. D. Parrett. 1,903,913; Apr. 18.
- Axle unit, Double reduction dual driving. B. W. Keese. 1,906,613; May 2.
- Axles and spring suspension, Device for interconnecting. R. B. Fageol. 1,936,834; Nov. 28.
- Axminster loom. W. Bixby. 1,924,904; Aug. 29.
- Azide, Producing noncrystalline explosive. W. H. Rickenbach. 1,914,530; June 20.
- Azids, Process and apparatus for the uninterrupted production of alkaline. J. Meissner. 1,923,993; Aug. 22.
- Azo dyes, Direct-developed. E. F. Grether. 1,917,835; July 11.
- Azodyestuff. S. Gassner and W. Meiser. 1,917,443; July 11.
- Azodyestuff. A. Schmelzer, F. Ballauf, and H. Hefner. 1,934,009; Nov. 7.

- Azodyestuff. A. Schmelzer, F. Ballauf, and F. Muth. 1,919,573; July 25.
- Azodyestuff. C. Taube and J. Hilger. 1,927,103; Sept. 19.
- Azodyestuff. P. Zervas and H. Clingenstein. 1,921,338; Aug. 8.
- Azodyestuff. C. Taube and J. Hilger. 1,927,103; Sept. 19.
- F. Henle and H. Kracker. 1,933,431; Oct. 31.
- Azodyestuff, Copper containing. R. Stüsser. 1,940,066; Dec. 19.
- Azodyestuff, Copper-containing. K. Wiedemann and H. Clingenstein. 1,921,336-7; Aug. 8.
- Azo-dyestuff insoluble in water. W. Zerweck, C. Schütz, A. Carl, and J. Rosenbach. 1,940,068; Dec. 19.
- Azodyestuff, Water-insoluble. F. Muth. 1,940,059; Dec. 19.
- Azodyestuffs. E. Fellmer. 1,938,012; Dec. 5.
- Azodyestuffs. K. Wiedemann and H. Clingenstein. 1,901,387; Mar. 14.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. F. Henle and H. Kracker. 1,923,202; Aug. 22.
- Azo-dyestuffs and fiber dyed therewith, Water-insoluble. F. Müller. 1,929,328; Oct. 3.
- Azo-dyestuffs and making same. F. Felix. 1,919,833; July 25.
- Azodyestuffs and making same, Black. R. Fleischhauer and C. Schultis. 1,901,390; Mar. 14.
- Azo-dyestuffs and making same, Chromiferous. F. Straub and E. Brunner. 1,918,002; July 11.
- Azo-dyestuffs and making same, Metalliferous. F. Straub and W. Widmer. 1,898,911; Feb. 21.
- Azo-dyestuffs, Blue to violet-blue water-insoluble. E. Hoffa and E. Thoma. 1,919,590; July 25.
- Azo-dyestuffs containing chromium and making same. F. Straub and H. Schneider. 1,918,938; July 18.
- Azodyestuffs, Diarylsulphone. W. Heinrich, A. Ossenbeck, and E. Tietze. 1,901,515; Mar. 14.
- Azodyestuffs insoluble in water. E. Hoffa and E. Thoma. 1,919,589; July 25.
- Azodyestuffs insoluble in water and fiber dyed therewith. L. Laska and A. Zitscher. 1,914,441; June 20.
- Azodyestuffs insoluble in water and making same. L. Laska and B. Heyn. 1,941,035; Dec. 26.
- Azodyestuffs, New. L. Laska and A. Zitscher. 1,900,351; Mar. 7.
- Azodyestuffs, Obtaining reserves under. R. Haller. 1,921,920; Aug. 8.
- Azo-dyestuffs, Water-insoluble. E. Hoffa and P. Jörg. 1,924,434; Aug. 29.
- Azodyestuffs, Water insoluble. L. Laska, A. Zitscher, and W. Koch. 1,921,362; Aug. 8.
- Azodyestuffs, Water soluble. R. Bauer. 1,931,836; Oct. 24.
- Babbitting device. T. Thorsen. 1,900,746; Mar. 7.
- Babbitting machine. L. B. McBride. 1,929,505; Oct. 10.
- Baby seat. J. Kersten. Des. 90,661; Sept. 12.
- Bacilli, Preserving viable. E. A. A. Suehs. 1,929,085; Oct. 3.
- Back rest, Bathtub. M. Stern. 1,898,272; Feb. 21.
- Back rest for chairs. W. S. Ferris. 1,929,110; Oct. 3.
- Backrest or support for a seat, Adjustable. A. H. Gabb. 1,932,618; Oct. 31.
- Backrest or support for a seat or the like. A. H. Gabb. 1,927,491; Sept. 19.
- Backstop, Basket-ball. F. Albach. 1,919,494; July 25.
- Backstop, Basket ball. E. J. Gross. 1,926,674; Sept. 12.
- Backstop for machinery. E. E. Landahl. 1,908,905; May 16.
- Backwater controlling device. F. Lichamer. 1,914,780; June 20.
- Backing material. R. M. Freyberg. 1,932,361; Oct. 24.
- Bacon banger. J. E. Covey. 1,916,464; July 4.
- Bacon, Hanging. J. E. Covey. 1,935,616; Nov. 21.
- Bacteriacide and making same. I. S. Barksdale. 1,893,997; Jan. 10.
- Bacterial fermentation without multiplying the cells, effecting. S. Bakonyi. 1,920,735; Aug. 1.
- Badge. C. F. Hartmann. Des. 90,073; June 6.
- Badge. S. C. Walz and W. A. Adams. Des. 89,979; May 23.
- Baffle, Carburetor fire. R. J. Anschicks. 1,925,684; Sept. 5.
- Baffle for furnaces. J. W. Franz. 1,924,274; Aug. 29.
- Baffle for protecting superheater headers. H. J. Kerr. 1,910,439; May 23.
- Baffle for steam and water boiler drums. J. C. Hobbs. 1,931,544; Oct. 24.
- Baffle for straight tube boilers. J. F. Kavanagh. 1,920,798; Aug. 1.
- Baffle support. H. J. Kerr. 1,893,803; Jan. 10.
- Baffle wall. J. J. Tompkins. 1,921,049; Aug. 8.
- Baffle, Water tube boiler. L. A. Hicks. 1,926,046; Sept. 12.
- Bag: See—
- Burlap bag.
- Carrier bag.
- Cement bag.
- Clothes bag.
- Duffel bag.
- Dust bag.
- Folded bag.
- Garment enveloping bag.
- Gladstone bag.
- Golf bag.
- Hand bag.
- Ice cream shipping bag.
- Ice delivery bag.
- Laundry bag.
- Mail bag.
- Mesh bag.
- Meshwork bag.
- Metal laundry bag.
- Moisture-proof covered bag.
- Paper bag.
- Pillow bag.
- Shopping bag.
- Storage bag.
- Traveling bag.
- Bag: See—
- Vacuum cleaner bag.
- Vacuum cleaner dust bag.
- Wardrobe bag.
- Warming bag.
- Water bag.
- Waterproof bag.
- Window bag.
- Bag. H. H. Allen. Re18,905; Aug. 1.
- Bag. D. A. Christianson. Des. 89,679; Apr. 25.
- Bag. R. B. Donnelley. 1,938,449; Dec. 5.
- Bag. G. I. Goldwyn. 1,893,888; Jan. 10.
- Bag. M. E. Johns. 1,902,368; Mar. 21.
- Bag adapted to be sealed by gummed tape. F. Friedheim. 1,896,668; Feb. 7.
- Bag and boot and article, Golf. G. L. Adams. 1,928,922; Oct. 3.
- Bag and brief case, School. J. Roth. 1,907,676; May 9.
- Bag and closure means therefor. J. Duvall. 1,905,982; Apr. 25.
- Bag and forming the same. T. E. Coty. 1,903,286; Apr. 4.
- Bag and making same, Garment. A. Potdevin. 1,925,111; Sept. 5.
- Bag and making the same. H. L. Fischer. 1,901,858; Mar. 14.
- Bag and making the same, Draw string. E. E. West. 1,920,824; Aug. 1.
- Bag and making the same, Heat-insulated paper. J. N. D'Este and W. R. Tower. 1,899,892; Feb. 28.
- Bag and producing same, Multi-ply. J. N. Tooker. 1,933,776; Nov. 7.
- Bag and similar receptacle, Hand. N. Ottinger. 1,907,657; May 9.
- Bag and the like, Sleeping. H. F. Hardy. 1,893,548; Jan. 10.
- Bag closing device. C. F. Allison. 1,911,136; May 23.
- Bag closing machine. D. Belcher. 1,893,610; Jan. 10.
- Bag closing machine. I. W. Litchfield. 1,938,750; Dec. 12.
- Bag closure. W. N. Baker. 1,913,825; June 13.
- Bag construction, Paper. G. W. Poppe. 1,895,267; Jan. 24.
- Bag corner stitching machine. F. Ricks. 1,936,460; Nov. 21.
- Bag coupling. F. Riebel, jr., and D. M. Dow. Re18,962; Oct. 3.
- Bag coupling. F. Riebel, jr., and D. M. Dow. 1,900,366; Mar. 7.
- Bag dispensing device. T. L. Kelly. 1,938,025; Dec. 5.
- Bag fastener. W. C. Hiering. 1,909,958; May 23.
- Bag fastener. W. C. Hiering. 1,936,056; Nov. 21.
- Bag filling apparatus. H. A. Buxton. 1,900,907; Mar. 14.
- Bag filling machine. A. L. Currier. 1,926,802; Sept. 12.
- Bag for cleaners, Discardable dust. S. M. Darling. 1,923,299; Aug. 22.
- Bag for tire molds, Pressure. H. J. Woock. 1,924,530; Aug. 29.
- Bag frame. W. C. Hiering. 1,926,721; Sept. 12.
- Bag frame and latch means therefor, Hand. E. Poeter. 1,907,865; May 9.
- Bag frame fastener. W. C. Hiering. 1,901,965; Mar. 21.
- Bag frame structure and fastener therefor. W. J. Walker. 1,902,297; Mar. 21.
- Bag frames, Making channeled. W. C. Hiering. 1,925,804; Sept. 5.
- Bag holder. F. S. Elliott. 1,922,938; Aug. 15.
- Bag holder. K. H. Murray. 1,894,597; Jan. 17.
- Bag holder and sewer. G. B. Jackson. 1,941,355; Dec. 26.
- Bag holder, Paper. L. Westgaard. 1,899,376; Feb. 28.
- Bag lock. A. Levine. Des. 90,409; Aug. 1.
- Bag, Making a multi-ply. H. Smithwick. 1,935,380; Nov. 14.
- Bag making machine. P. Hunziker. 1,893,285; Jan. 3.
- Bag making machine. A. Potdevin. 1,938,859; Dec. 12.
- Bag making machine, Paper. S. Moore. 1,940,560; Dec. 19.
- Bag opening, filling, and sealing machine, Automatic. W. L. Taylor. 1,909,319; May 16.
- Bag or analogous article. H. W. Dittmann. Des. 90,838; Oct. 10.
- Bag or lining and producing the same. E. D. Greene. 1,909,102; May 16.
- Bag rack, Bicycle newspaper. E. D. Murphy. 1,900,070; Mar. 7.
- Bag sealing mechanism. P. Naehner. 1,910,037; May 23.
- Bag stringing machine. E. E. West. 1,920,822; Aug. 1.
- Bag stringing machine. E. E. West and D. Clymer. 1,920,823; Aug. 1.
- Bag tops, Closing. C. Belcher. 1,937,506; Dec. 5.
- Bag with folded-in flap, Long lip. G. W. Poppe. 1,932,749; Oct. 31.
- Baggage. L. E. Evens. 1,930,043; Oct. 10.
- Baggage fastener. R. A. Totty. 1,934,105; Nov. 7.
- Bags, Apparatus for inflating and deflating gas main. L. Shuman. 1,922,003; Aug. 8.
- Bags, Device for opening flat. P. Gangler. 1,937,015; Nov. 28.
- Bags, Mechanism for collapsing necks of paper. C. F. Allison. 1,931,280; Oct. 17.
- Bags, Method and apparatus for manufacturing paper. A. Andreas. 1,926,421; Sept. 12.
- Bags, Method of and apparatus for making. A. Potdevin. 1,941,272; Dec. 26.
- Bags over garments, Applying. M. R. Bosworth. 1,907,488; May 9.
- Bags, Manufacture of. T. M. Royal. 1,906,813; May 2.
- Bags, Manufacturing. R. A. Wellman. 1,893,832; Jan. 10.

- Bail ear. C. Metz. 1,897,852; Feb. 14.
 Bailor. O. A. Cavins. 1,917,211; July 4.
 Bailor for wells, Flexible. C. O. McDowell. 1,937,707; Dec. 5.
 Bailer, Pressure. R. A. Leahy. 1,910,616; May 23.
 Bait. W. M. Benzick and O. W. Eck. 1,893,390; Jan. 3.
 Bait, Artificial. H. C. Berberich. 1,896,132; Feb. 7.
 Bait, Artificial. J. W. Catarau. 1,903,256; Mar. 28.
 Bait, Artificial. C. Heddon. 1,928,720; Sept. 12.
 Bait, Artificial. S. F. Myers and A. A. Kunz. 1,931,932; Oct. 24.
 Bait, Artificial. A. Sisco. 1,926,459; Sept. 12.
 Bait, Artificial. R. W. Taylor. 1,903,558; Apr. 11.
 Bait, Artificial fish. C. T. Pfueger. 1,908,537; May 9.
 Bait, Artificial trolling and angling. J. Catarau. 1,913,362; June 13.
 Bait holder. N. A. Kristman. 1,922,702; Aug. 15.
 Bake pan. B. Van Kirk. 1,898,913; Feb. 21.
 Baked articles, Manufacture of. W. Ruckdeschel. 1,910,967; May 23.
 Baked edible container. W. Fairchild. 1,936,835; Nov. 28.
 Baker, Biscuit. W. B. Kochner. Des. 90,988; Nov. 7.
 Baker's receptacle. F. Schultz. 1,935,920; Nov. 21.
 Bakery product and producing the same. S. Jordan. 1,936,718; Nov. 28.
 Bakery product holder. J. L. Dean. 1,925,176; Sept. 5.
 Baking equipment. E. H. Chandonia. 1,935,941; Nov. 21.
 Baking mold, Rolled cone-wafer. J. Balton. 1,915,211; June 20.
 Baking powder. E. H. Wight. 1,926,572; Sept. 12.
 Baking process. W. F. Keefer. 1,929,358; Oct. 3.
 Balanced plug valve. H. W. Fletcher and F. L. Scott. 1,932,964; Oct. 31.
 Balanced valve. W. E. Goldsborough. 1,926,529; Sept. 12.
 Balanced valve. R. L. Murray. 1,902,336; Mar. 21.
 Balanced valve. J. L. Thomas. 1,907,191; May 2.
 Balancer. R. A. Norling. 1,926,452; Sept. 12.
 Balancer. R. A. Norling. 1,933,925; Nov. 7.
 Balancer with coil springs, Harmonic. F. M. Holden. 1,896,026; Jan. 31.
 Balancing means for centrifugal driers. W. V. B. Roberts. 1,912,402; June 6.
 Balancing mechanism for automatic fluid control systems. A. E. Weingartner. 1,922,512; Aug. 15.
 Bale fastening means. R. S. Pullen. 1,931,510; Oct. 31.
 Bale tie bundle. C. E. Johnson. 1,908,849; May 16.
 Baling machinery. W. F. MacGregor and M. A. Richardson. 1,919,897; July 25.
 Baling press. H. Jacobson. 1,932,041; Oct. 24.
 Baling press. D. L. Summey. 1,934,386; Nov. 7.
 Baling press. S. D. Taylor. 1,932,917; Oct. 31.
 Ball. P. Drohnn. 1,926,615; Sept. 12.
 Ball and container therefor, Bowling. A. Halpin. 1,927,492; Sept. 19.
 Ball and making the same, Golf. R. F. Smith. 1,926,315; Sept. 12.
 Ball and making the same, Play. J. D. Beebe. 1,919,357; July 25.
 Ball and pebble mill. R. Garlick. 1,907,785; May 9.
 Ball and socket joint. W. Todd. 1,919,178; July 18.
 Ball and socket joint, Nontwistable universal. J. B. Glowacki. 1,927,703; Sept. 19.
 Ball and socket universal joint. V. P. Williams. 1,940,779; Dec. 26.
 Ball bearing. O. H. Goodell. 1,928,352; Sept. 26.
 Ball bearing. G. O. Hodge. 1,903,217; Mar. 28.
 Ball bearing. D. B. Menton. 1,927,466; Sept. 19.
 Ball bearing. C. Sundahl. 1,906,433; May 2.
 Ball, Bowling. S. J. Bates. 1,927,654; Sept. 19.
 Ball frame for shaker chutes. A. W. Clarke. 1,917,923; July 11.
 Ball frame for shaker chutes. D. U. Rich. 1,937,592; Dec. 5.
 Ball, Game. W. A. Sonnett. 1,923,236; Aug. 22.
 Ball, Golf. W. E. Reichard. 1,904,012; Apr. 18.
 Ball, Golf and other playing. T. H. Hart. 1,921,523; Aug. 8.
 Ball grinding machine. G. F. Matteson. 1,921,686; Aug. 8.
 Ball handle. C. P. Howard and P. Lofgren. 1,921,525; Aug. 8.
 Ball, Inflatable. J. E. Maynard. 1,917,534-5; July 11.
 Ball, Inflatable. H. M. Pierce. 1,932,226; Oct. 24.
 Ball, Inflatable. W. F. Stumpe. 1,906,658; May 2.
 Ball joint. G. H. Hufferd and M. P. Graham. 1,918,395; July 18.
 Ball joint for gauge rods and steering rods on motor vehicles. A. Røbig. 1,923,232; Aug. 22.
 Ball joint lubricator. J. C. Shreve. 1,917,070; July 4.
 Ball marking apparatus, Golf. C. E. Broman and W. H. Nowak. 1,921,307; Aug. 8.
 Ball retriever. I. Macdonald. 1,937,828; Dec. 5.
 Ball shipping machine. C. S. Bradley. 1,913,359; June 13.
 Ball spinning and twisting frame. H. Horst. 1,926,098; Sept. 12.
 Ball stud. N. Skillman and J. P. Lavigne. 1,913,459; June 13.
 Ball swivel union, Angular. A. J. Coutu. 1,914,736; June 20.
 Ball, Tank. J. C. Ryan. 1,939,024; Dec. 12.
 Ball, Tank. W. F. Schacht. 1,937,440; Nov. 28.
 Ball, Tennis and the like playing. D. F. Twiss, A. E. T. Neale, and A. S. Carpenter. 1,921,108; Aug. 8.
 Ball throwing apparatus. H. R. McEachern. 1,897,317; Feb. 14.
 Ball-throwing device. E. P. Blanchard. 1,912,360; June 6.
 Ball trimming machine. J. F. Townsend. 1,936,808; Nov. 28.
 Ball valve. B. P. Hoffman. 1,906,266; May 2.
 Balls and making same, Playground and other. A. E. Fegan. 1,923,359; Aug. 22.
 Balls and small articles of closed-cell cellular rubber, Manufacturing. M. P. H. L. Raepsaet. 1,941,053; Dec. 26.
 Balls, Covering. J. O. Goodwin. 1,930,167; Oct. 10.
 Balls, Making inflatable. B. Predmore. 1,913,454; June 13.
 Balls, Making of golf. A. Munro. 1,940,009; Dec. 19.
 Balls, Making playing. G. C. Worthington. 1,915,587; June 27.
 Balls or the like, Device for cleaning golf. S. A. Cogsdill. 1,920,960; Aug. 8.
 Balls or the like, Preserving tennis. W. E. Morris. 1,910,930; May 23.
 Ballast of railway tracks, System for continuously cleaning the. M. H. Lemaire. 1,899,374; Feb. 28.
 Ballast, Removing and cleaning. O. Neddermeyer. 1,918,348; July 18.
 Ballast-removing machine. J. H. Walbridge. 1,929,617; Oct. 10.
 Ballast tamper, End. C. C. Cook. 1,899,944; Mar. 7.
 Ballasting apparatus. T. G. W. Settle. 1,935,672; Nov. 21.
 Ballistic characteristics of ammunition, Method and apparatus for determining interior. F. W. and J. M. Olin, and R. G. Clyne. 1,922,320; Aug. 15.
 Balloon. S. Aki and G. Koizumi. 1,912,960; June 6.
 Balloon. M. Friedberg. 1,924,236; Aug. 29.
 Balloon process and article of manufacture. C. V. Martin. 1,906,325; May 2.
 Banana extractor and ice cream injector. P. Marchio. 1,917,137; July 4.
 Banana protector. A. Paoli. Re18,728; Feb. 7.
 Band brake, Flexible. W. G. Wilson. 1,915,706; June 27.
 Band, Bread. O. B. Andrews. 1,896,601; Feb. 7.
 Band, Bread. O. B. Andrews. 1,896,603; Feb. 7.
 Band for personal wear, Flexible. A. J. Krein. 1,925,260; Sept. 5.
 Band for piston rings, Closing. K. Bley. 1,913,426; June 13.
 Band frequency responsive means, Broad. E. R. Stoekle. 1,897,082; Feb. 14.
 Band, Head. W. Richardson. 1,897,146; Feb. 14.
 Band-pass filter. H. F. Dalpayrat. 1,897,633; Feb. 14.
 Band, Poultry leg. T. A. Gay. 1,921,077; Aug. 8.
 Band receiver, Double. H. A. Wheeler. 1,933,402; Oct. 31.
 Band splicing machine. G. B. Nichols and R. F. Russell. 1,932,083; Oct. 24.
 Band to be bound on rolls used in the paper making and allied trades, Winding. M. Wenzel. 1,898,413; Feb. 21.
 Band tying machine, Flat. L. M. Harvey. 1,900,238; Mar. 7.
 Bandage. C. Diehl. 1,914,596; June 20.
 Bandage. A. Stinert. 1,923,513; Aug. 22.
 Bandage and preparing same, Surgical. R. E. Reed. 1,892,706; Jan. 3.
 Bandage, Cheese. M. E. Schwartz and S. Schwartz. 1,937,986; Dec. 5.
 Bandage fastener. F. S. Dickinson. 1,921,999; Aug. 8.
 Bandage for flexible, elastic walking with artificial limbs. R. Schulz. 1,935,892; Nov. 21.
 Bandage for the eyes. W. W. Hines. 1,917,117; July 4.
 Bandage forming machine, Surgical. H. Robinson. 1,923,117; Aug. 22.
 Bandage salvaging machine. O. L. Valentine. 1,909,027; May 16.
 Bandages, Manufacture of surgical. O. C. Schulz. 1,909,016; May 16.
 Bandeau. S. Behr. Des. 90,188; June 27.
 Bandeau. S. Behr. Des. 91,051; Nov. 21.
 Banding for ring shaped coils. L. Linder. 1,927,551; Sept. 19.
 Bands of cellular rubber with closed cells, Manufacture of. M. P. H. L. Raepsaet. 1,931,964; Oct. 24.
 Bank, Bill. M. Goepel. 1,917,517; July 11.
 Bank, Coin. S. Breck. Des. 89,549; Mar. 28.
 Bank, Coin. D. F. Earl. 1,939,110; Dec. 12.
 Bank, Coin savings. C. L. Dawson. 1,908,126; May 9.
 Bank indicator and inclinometer, Turn. J. P. Fedor. 1,907,402; May 2.
 Bank, Multiple terminal. J. J. Kuhn. 1,929,925; Oct. 10.
 Bank, Paper savings. W. H. Dalton. 1,913,232; June 6.
 Bank protecting device. B. Nastrom. 1,897,708; Feb. 14.
 Bank protection apparatus. R. Helms. 1,915,735; June 27.
 Bank protection device. C. H. Rohrig. 1,915,698; June 27.
 Bank protective device. C. A. Gilbert. 1,925,379; Sept. 5.
 Bank protector. A. R. Freda. 1,925,632; Sept. 5.
 Bank protector. L. Szatler. 1,919,137; July 18.
 Bank protector. L. Walker. 1,896,989; Feb. 7.
 Bank recording machine, Savings. W. S. Marder. 1,910,400; May 23.
 Bank, Registering. O. C. Hoffman. 1,901,030; Mar. 14.
 Bank, Registering. H. T. Kingsbury. 1,939,353; Dec. 12.
 Bank, Savings. A. C. Grunwald. 1,903,177; Mar. 28.

- Banks, Attachment for savings. H. S. Goodman. 1,893,364; Jan. 3.
- Banks, stores, and the like, against robbery, by gas and smoke, System for protecting. B. C. Goss. 1,901,959; Mar. 21.
- Banner, Aerial. M. S. Du Pont. 1,901,855; Mar. 14.
- Banquet table. R. C. Kuhn. 1,904,060; Apr. 18.
- Bar: See—
- Automatic margin bar. Joint bar.
- Binder bar. Kelly bar.
- Bus bar. Push bar.
- Confection bar. Rail joint bar.
- Crate bar. Splice bar.
- Folding portable bar. Tone bar.
- Grate bar. Wedge bar.
- Handle bar. Wrecking bar.
- Holding bar.
- Bar and fence post, Metal. C. B. Murton. 1,928,432; Sept. 26.
- Bar and holder for laundry markers. A. F. Hanney. 1,929,974; Oct. 10.
- Bar and nut, Arcuate threaded. O. W. Been. 1,925,948; Sept. 5.
- Bar, Beer dispensing. I. Copeland. Des. 90,360; July 25.
- Bar chair, Individual. L. Lampert. 1,917,529; July 11.
- Bar for automobile bumpers, Impact. H. S. Jandus. Des. 89,704; Apr. 25.
- Bar for automobile bumpers, Impact. H. S. Jandus. Des. 89,768; May 2.
- Bar for automobile bumpers, Impact. B. M. Short. Des. 89,269; Feb. 14.
- Bar guide for machine tools. K. Tessky. 1,935,999; Nov. 21.
- Bar holding device for locks. M. Falk. 1,908,701; May 16.
- Bar, Making a connecting. E. M. Summerhays. 1,925,119; Sept. 5.
- Bar mill. W. Worthington. 1,900,032; Mar. 7.
- Bar notching apparatus, especially for manufacturing hexagonal nuts. J. G. Claeson. 1,912,971; June 6.
- Barbecue stand. W. H. Alston. Des. 90,303; July 18.
- Barbed wire reel. H. L. Keiser. 1,892,785; Jan. 3.
- Barber's pole. A. R. Schwarzkopf. 1,894,640; Jan. 17.
- Barge. R. Dade. 1,917,434; July 11.
- Barge, Log carrying. W. J. Moloney. 1,901,877; Mar. 21.
- Barium oxide, Manufacturing. M. J. Rentschler. 1,913,289; June 6.
- Barium sulphate of definite granule size, Manufacturing. M. Mueller. 1,915,748; June 27.
- Barometer, Aneroid. F. B. Newell. 1,897,325; Feb. 14.
- Barrel. H. L. Hoyt. 1,922,588; Aug. 15.
- Barrel and plunger, Pump. H. W. Parkin. 1,896,719; Feb. 7.
- Barrel closure. L. W. Evans. 1,907,528; May 9.
- Barrel construction. S. A. Bennett. 1,931,991; Oct. 17.
- Barrel, Core. J. N. Oksenholt. 1,909,187; May 16.
- Barrel crozing machine. W. F. Newhouse. 1,930,822; Oct. 17.
- Barrel drain stand. R. R. Monroe. 1,933,382; Oct. 31.
- Barrel elevator and support, Dispensing. A. E. Johnson. 1,937,227; Nov. 28.
- Barrel for burnishing or the like. W. R. Hartley. 1,934,461; Nov. 7.
- Barrel for hydrometers, Glass. L. Edelmann. 1,924,917; Aug. 29.
- Barrel handling and treating mechanism. K. F. Snow. 1,919,809; July 25.
- Barrel-head fastener. G. H. Osgood. 1,926,302; Sept. 12.
- Barrel hoisting and display rack. R. W. Thompson. 1,938,126; Dec. 5.
- Barrel liner. E. H. Angier. 1,926,986; Sept. 12.
- Barrel lock, Oil or gasoline. W. O. York and A. Ostgaard. 1,938,886; Dec. 12.
- Barrel making machine. R. W. McClenny and G. L. Carpenter. 1,922,384; Aug. 15.
- Barrel manufacture. H. L. Hoyt. 1,909,405; May 16.
- Barrel or the like, Tumbling. W. J. O'Neill. 1,928,950; Oct. 3.
- Barrel painting machine. F. C. Stoll. 1,931,170; Oct. 17.
- Barrel, Plating. T. M. Hiester. 1,894,609; Jan. 17.
- Barrel plating apparatus and process. C. G. Fink and R. D. Eash. 1,899,679; Feb. 28.
- Barrel rasing machine. R. W. McClenny and G. L. Carpenter. 1,916,381; July 4.
- Barrel rotating apparatus. C. W. Gale. 1,940,492; Dec. 19.
- Barrel sanding machine. M. Elskamp. 1,939,674; Dec. 19.
- Barrel sanding machine. W. Weisbrod. 1,912,956; June 6.
- Barrel stove setting-up machine. W. F. Newhouse. 1,928,113; Sept. 26.
- Barrel supporting and handling device. A. C. Walker. 1,914,656; June 20.
- Barrels and like articles, Apparatus for drying. K. F. Snow and B. A. Smith. 1,940,978; Dec. 26.
- Barrier, Railroad crossing. J. Klein. 1,918,815; July 18.
- Barrier, Yieldable. J. Frei, jr. 1,897,250; Feb. 14.
- Barrow, Motor. J. and H. Hoffman. 1,905,589; Apr. 25.
- Bars, particularly applicable to concrete reinforcement, Apparatus for bending metal. F. Schlagintweit. 1,933,189; Oct. 31.
- Bars, Producing drill-jarring. A. J. Studnicka. 1,907,190; May 2.
- Bars, Reforming angle splice. O. J. Nyberg. 1,932,376; Oct. 24.
- Bars while in motion, Controlling the shearing of metal. M. Morgan. 1,900,252; Mar. 7.
- Barytes ore, Dressing. C. P. De Lore. 1,930,709; Oct. 17.
- Basalt articles, Making cast. H. L. Watson. 1,893,382; Jan. 3.
- Base and column for display stand, Combination. W. E. Kehoe. Des. 89,197-8; Feb. 7.
- Base and column for display stand, Combination. W. E. Kehoe. Des. 89,241; Feb. 7.
- Base and socket for electric lamps. T. E. Foulke. 1,905,843; Apr. 25.
- Base and standard for a lamp, Combined. F. E. Greene. Des. 90,483; Aug. 15.
- Baseball game. R. H. Cutting and E. F. Stukbauer. 1,896,684; Feb. 7.
- Baseball game apparatus. L. E. Snodgrass. 1,911,651; May 30.
- Baseball game board. L. Mayville. 1,925,842; Sept. 5.
- Baseball game board. A. L. Nunn. Des. 89,205; Feb. 7.
- Base block. G. F. Lindsey. 1,915,467; June 27.
- Baseboard element, Metallic. H. M. Reed, jr. 1,903,244; Mar. 28.
- Baseboard for concealed radiators, Removable. L. P. Dwyer. 1,898,526; Feb. 21.
- Base construction, Swivel. W. A. Rankin. 1,901,120; Mar. 14.
- Base exchange material, Recovering. O. Liebknecht. 1,906,166; Apr. 25.
- Base-exchange substances, Regenerating. O. R. Sweeney. 1,903,949; Apr. 18.
- Base feeding mechanism. W. Makenny. 1,908,855; May 16.
- Base for a cabinet. H. Wilson. Des. 90,691; Sept. 12.
- Base for a permanent waving machine. J. Darby and L. A. Thatcher. Des. 90,971-2; Nov. 7.
- Base for golf bags, Bowl shaped. J. K. Hotze. 1,902,644; Mar. 21.
- Base for lamps, etc., Nested. J. T. Hadly. 1,919,838; July 25.
- Base for pole vaulting standards, Adjustable. A. M. Barron. 1,928,280; Sept. 26.
- Base for use in the manufacture of heavy oils and greases. A. Horwitz. 1,939,170; Dec. 12.
- Base or similar article, Lamp. C. B. Ilgenfritz. Des. 91,030; Nov. 14.
- Base product and making the same, Pigmentary. A. V. Blom. 1,899,132; Feb. 28.
- Base protector. G. E. Hewson. 1,906,590; May 2.
- Base with a metal, Annealing and coating a. A. P. Steckel. 1,907,890; May 9.
- Basic product and making it. R. Knoll. 1,894,375; Jan. 17.
- Basin. C. W. Farrar. Des. 90,757; Sept. 26.
- Basin and lavatory tank, Combination. A. Kemach. 1,935,779; Nov. 21.
- Basin sump, Manhole catch. E. J. Edwards. 1,894,031; Jan. 10.
- Basin with automatic opening and shutting device, Grated cheese. A. Marelli. 1,938,527; Dec. 5.
- Basket. A. F. Durand. 1,897,366; Feb. 14.
- Basket. E. A. Florang. 1,906,146; Apr. 25.
- Basket. O. M. James. 1,894,236; Jan. 10.
- Basket. T. L. James. 1,933,525; Oct. 31.
- Basket. W. E. Morgan. 1,934,625; Nov. 7.
- Basket. C. R. Sargent. 1,917,903; July 11.
- Basket. A. H. Schmidtke. 1,895,586; Jan. 31.
- Basket and closure therefor. F. F. Ashby. 1,925,128; Sept. 5.
- Basket, Automobile. B. K. Gillespie. 1,925,691; Sept. 5.
- Basket ball backstop. O. C. Schulz. 1,924,811; Aug. 29.
- Basket, Berry. R. D. Groce. 1,925,482; Sept. 5.
- Basket, Bicycle. C. Andrews. 1,924,343; Aug. 29.
- Basket, Centrifugal. E. Roberts. 1,940,813; Dec. 26.
- Basket, Collapsible. D. Miller. 1,906,173-4; Apr. 25.
- Basket construction. W. F. Newhouse. 1,926,785; Sept. 12.
- Basket construction. J. M. Wallace. 1,933,288; Oct. 31.
- Basket cover, Shipping. W. Bellowons. 1,895,964; Jan. 31.
- Basket fastening means. C. J. Dudley. 1,914,410; June 20.
- Basket, Folding. F. S. Thurston. 1,931,970; Oct. 24.
- Basket for computing machines, Pin. W. W. Lasker. 1,926,203; Sept. 12.
- Basket, Fruit. F. J. Brainard. 1,927,008; Sept. 12.
- Basket, Fruit. J. C. Ramsey. 1,895,423; Jan. 24.
- Basket handle. L. M. Hile. 1,922,808; Aug. 15.
- Basket handle. L. M. Hile. 1,922,809; Aug. 15.
- Basket, handle. E. F. Prindle. 1,925,675; Sept. 5.
- Basket handle machine. L. M. Hile. 1,900,181; Mar. 7.
- Basket handle machine. L. M. Hile. 1,906,794; May 2.
- Basket handle machine. L. M. Hile. 1,907,355; May 2.
- Basket handle machine. W. F. Newhouse. 1,898,205; Feb. 21.
- Basket liner. E. B. Hiatt. 1,929,065; Oct. 3.
- Basket liner. R. E. Rutledge. 1,927,218; Sept. 19.
- Basket liner. R. E. Rutledge. 1,932,189; Oct. 24.
- Basket machine, Bushel. W. F. Newhouse. 1,907,362; May 2.
- Basket machine, Bushel. W. F. Newhouse. 1,911,710; May 30.

- Basket making machine. C. B. Thayer. 1,933,879; Nov. 7.
 Basket, Market. E. P. Sherman. 1,931,329-30; Oct. 17.
 Basket or box, Berry or fruit. E. H. Newton. 1,905,119; Apr. 25.
 Basket or box corner reinforce. W. F. Newhouse. 1,916,580; July 4.
 Basket or hamper, Fruit. R. T. Barber. 1,931,423; Oct. 17.
 Basket or similar container. P. K. Madison and R. D. Smith. 1,900,324; May 2.
 Basket, Rectangular. L. M. Hile. 1,922,807; Aug. 15.
 Basket, Sewing. L. D. Hokerk. 1,894,868; Jan. 17.
 Basket, Shipping. W. D. Lane. 1,934,983; Nov. 14.
 Basket, Shipping. J. B. Steel. 1,903,797; Apr. 18.
 Basket, Show case. M. R. Lee. 1,939,504; Dec. 12.
 Basket turner. E. B. Hiatt. 1,916,838; July 4.
 Basket, Vegetable and fruit shipping. G. W. Talbot. 1,902,196; Mar. 21.
 Basket, Waste. J. E. Bales. 1,915,045; June 20.
 Baskets, Apparatus for making. H. Phelps. 1,912,803; May 30.
 Bass mechanism for accordions. E. Hohner. 1,908,246; May 9.
 Bassinet. H. B. Caldwell. Des. 90,696; Sept. 19.
 Bassinet. C. F. Jenne. 1,897,258; Feb. 14.
 Bast fiber from shives, Separating. C. C. Heritage, E. R. Schafer, and L. A. Carpenter. 1,922,366; Aug. 15.
 Bat. A. G. Davis. 1,895,408; Jan. 24.
 Bat and treating the same, Baseball. C. R. Beck and G. L. Beck. 1,936,579; Nov. 28.
 Batch dividing and covering means. J. M. Titcomb. 1,904,905-6; Apr. 18.
 Batch to glass tanks, Apparatus for automatically supplying. H. L. Halbach and D. R. Limbers. 1,928,016; Sept. 26.
 Bath, Acid hardening fixing. R. S. Becker. 1,930,140; Oct. 10.
 Bath apparatus. J. S. Belt. 1,893,482; Jan. 10.
 Bath apparatus. I. Borowsky. 1,896,938; Feb. 7.
 Bath apparatus. E. Keating. 1,932,788; Oct. 31.
 Bath apparatus. E. G. Sullivan. 1,893,849; Jan. 10.
 Bath apparatus. E. G. Sullivan. 1,898,508; Feb. 21.
 Bath apparatus, Collapsible sun. B. Collins. 1,917,498; July 11.
 Bath, Cabinet. G. A. Schulte. 1,932,122; Oct. 24.
 Bath device and method of heating and control therefor. W. S. Rice. 1,935,578; Nov. 14.
 Bath device for birdcages and the like. A. J. Havlis. 1,929,584; Oct. 10.
 Bath fixture, Combination. A. C. Brown and E. E. Brown. 1,924,771; Aug. 29.
 Bath receptors, Manufacture of shower. A. E. Jones. 1,928,788; Oct. 3.
 Bathroom fixture. W. G. Bauch. 1,922,345; Aug. 15.
 Bathroom fixture. L. Bloch. 1,933,839; Nov. 7.
 Bathroom fixture. J. E. Bruckenniller. 1,901,151; Mar. 14.
 Bathroom fixture. A. Frankenstein. 1,923,482; Aug. 22.
 Bathroom fixture bracket. W. H. Pleiss. Des. 91,178; Dec. 12.
 Bathroom structure or the like. E. Gugler. 1,940,588; Dec. 19.
 Bathroom unit. R. L. Davison. Des. 90,837; Oct. 10.
 Bathroom unit, Combination. R. D. Budlong. Des. 90,279; July 11.
 Bath spray or like connector. J. W. Patterson. 1,921,094; Aug. 8.
 Bath spray, Shower. T. E. Neal. 1,893,435; Jan. 3.
 Bathub. F. Cappuccio. 1,929,480; Oct. 10.
 Bathub. K. B. Ford. 1,914,825-6; June 20.
 Bathub. I. S. Vanderbilt. Des. 89,062; Jan. 17.
 Bathub. R. L. Yent. Des. 90,640; Sept. 5.
 Bathub and shower pan, Combined. J. E. Druckenmiller. Des. 90,361; July 25.
 Bathub hanger. W. B. Lucke. 1,920,513; Aug. 1.
 Bathub, Portable. C. F. Mather. 1,940,137; Dec. 19.
 Bathub support. F. G. Brotz. 1,922,839; Aug. 15.
 Bathub supporting bracket. C. J. Erickson and C. H. Johnson. 1,938,818; Dec. 12.
 Bath tub waste. H. W. Anderson. 1,909,852; May 16.
 Bathing accessory. B. R. Nyliagen. 1,916,068; June 27.
 Bathing device. A. E. Steinkamp. 1,940,514; Dec. 19.
 Bathing suit. T. La Maide. 1,918,650; July 18.
 Baths containing magnesium sulphate, Maintaining the composition of viscose precipitating. J. J. Stoeckly and R. Bartunek. Re18,802; Apr. 25.
 Baths employing volatile solvents, Cleaning. K. J. R. Robertson. 1,911,926; May 30.
 Batteries and making the same, Preparation for storage. E. A. Giard. 1,940,714; Dec. 26.
 Batteries, Apparatus for assembling storage. W. W. Hile. 1,932,136; Oct. 24.
 Batteries, Low level attachment for storage. J. M. Coote. 1,911,811; May 30.
 Batters, Apparatus for folding, beating, and mixing. H. Jackman. 1,914,807; June 20.
 Battery: See—
 Coke oven battery. Primary battery.
 Dry battery. Secondary battery.
 Electric storage battery. Storage battery.
 Battery. R. Eckstein. 1,901,588; Mar. 14.
 Battery. J. E. Furtney. 1,903,448; Apr. 11.
 Battery and seal therefor, Dry cell. C. P. Deibel. 1,925,374; Sept. 5.
 Battery apparatus, Storage. L. M. Patterson, Jr. 1,924,959; Aug. 29.
 Battery box handle. P. G. E. Gunkel. 1,911,314; May 30.
 Battery cable terminal tongs. P. H. Hackney. 1,923,199; Aug. 22.
 Battery carrier. G. F. Colley. 1,927,920; Sept. 26.
 Battery carrier. G. Steele. 1,938,158; Dec. 5.
 Battery cell, Primary. L. S. Dunham. 1,932,654; Oct. 31.
 Battery cell, Storage. A. H. Snyder. 1,900,308; Mar. 7.
 Battery charging control system. J. I. Bellamy. 1,934,692; Nov. 14.
 Battery charging regulation. R. M. Gilson. 1,916,307; July 4.
 Battery charging system for airplanes. L. A. Hyland. 1,892,891; Jan. 3.
 Battery charging unit. H. Rusbult. 1,916,587; July 4.
 Battery clamp. G. L. Mitchell. 1,909,301; May 16.
 Battery connection. D. Thompson. 1,920,608; Aug. 1.
 Battery construction. E. D. Finn. 1,907,420; May 2.
 Battery construction. E. J. McEachron and R. S. Johnson. 1,898,377; Feb. 21.
 Battery construction. L. J. Pearson. 1,937,714; Dec. 5.
 Battery construction, Coordinated. L. G. Tatro. 1,901,272; Mar. 14.
 Battery construction, Storage. J. L. Rupp. 1,897,565; Feb. 14.
 Battery control system. W. H. T. Holden. R. P. Jutson, and J. L. Larew. 1,931,867; Oct. 24.
 Battery element, Stopped tubular storage. C. D. Gal-lowsay. 1,919,883; July 25.
 Battery flash light. H. T. Kingsbury. Des. 90,320-1; July 18.
 Battery grids, Casting and handling storage. R. O. Watkins. 1,936,218; Nov. 21.
 Battery hand lamp. C. A. Gillingham. 1,922,801; Aug. 15.
 Battery handle. M. W. Severance. 1,904,987-8; Apr. 18.
 Battery hanger. A. O. Butler. 1,934,588; Nov. 7.
 Battery holder. E. C. Scott. 1,911,401; May 30.
 Battery ignition device. W. De Fligué and P. Lavallée. 1,923,615; Aug. 22.
 Battery ignition system. C. J. Voge. 1,928,744; Oct. 3.
 Battery lamp. G. J. Seiss. 1,925,115; Sept. 5.
 Battery lamp, Portable. A. Mitchell. Des. 89,969; May 23.
 Battery lifter, Storage. H. C. Terrell. 1,898,971; Jan. 10.
 Battery lifting and carrying device. R. A. Morsan. 1,915,197; June 20.
 Battery, Means for the control of the charge of a storage. W. C. Leingang. 1,919,892; July 25.
 Battery paste extender and making same. J. O. Johnstone. 1,929,857; Oct. 3.
 Battery plate feeder. C. D. Carleton and A. R. Willard. 1,915,402; June 27.
 Battery plate filling machine. W. O. Wuest. 1,894,812; Jan. 17.
 Battery post clamp. B. M. Schmuhl. 1,904,954; Apr. 18.
 Battery post terminal connector. C. Spence. 1,925,507; Sept. 5.
 Battery post terminal extension. C. F. Binder. 1,910,788; May 23.
 Battery, Secondary. E. T. Williams. 1,918,947; July 18.
 Battery separator, Storage. J. H. Reilly. 1,937,205; Nov. 28.
 Battery solution, Storage. J. C. Aden. 1,906,784; May 2.
 Battery support. R. J. Kissinger. 1,904,620; Apr. 18.
 Battery terminal. T. J. Diamond. 1,940,666; Dec. 26.
 Battery terminal. W. Raver. 1,934,559; Nov. 7.
 Battery terminal clamp. S. E. Carlson. 1,920,548; Aug. 1.
 Battery terminal clamp. G. F. Berkshier and C. H. Schmid-gall. 1,924,482; Aug. 29.
 Battery terminal clamp. C. Looker. 1,914,998; June 20.
 Battery terminal clamp. O. N. Olson. 1,935,986; Nov. 21.
 Battery terminal clamp, Storage. A. Giacopini. 1,934,262; Nov. 7.
 Battery terminal connector. A. H. Christy. 1,939,105; Dec. 12.
 Battery terminal connector. A. H. Walde. 1,937,612; Dec. 5.
 Battery terminal connection. C. H. Abels and A. J. Baker. 1,927,449; Sept. 19.
 Battery terminal, Noncorroding. M. C. Davies. 1,938,010; Dec. 5.
 Battery terminal or connector. H. A. Recen. 1,921,840; Aug. 8.
 Battery terminal or connector. J. H. Ryalls. 1,921,169; Aug. 8.
 Battery terminal protector. R. Lockyer. 1,931,949; Oct. 24.
 Battery terminal, Storage. T. Hill. 1,916,728; July 4.
 Battery tester. J. Taylor. 1,907,682; May 9.
 Battery testing stand. F. S. Carille. Des. 90,018; May 30.
 Battery tool. J. E. Bergman and F. P. Ego. 1,893,353; Jan. 3.
 Battery tool. C. J. McKenna. 1,913,606; June 13.
 Battery unit, Storage. H. W. Lormor and L. A. Marshall. 1,926,157; Sept. 12.
 Bauxite alunite and like aluminous material, Treatment of. M. J. Martin and H. P. Brooksbank. 1,895,580; Jan. 31.
 Beach and lawn chair. M. Wasserberg. 1,911,127; May 23.
 Beach apparatus, Portable. A. E. Heath. 1,940,051; Dec. 19.

- Beach equipment, Device for. P. R. Wagner. 1,930,404; Oct. 10.
- Beach landing gear. G. Midboe. 1,897,269; Feb. 14.
- Beach sandal. A. Roberts. Des. 90,338; July 18.
- Beaches, Forming protective. S. M. Wood. 1,928,473; Sept. 26.
- Beacon. A. Fehse. 1,930,085; Oct. 10.
- Beacon, Direction-indicating. F. Corey. 1,905,267; Apr. 25.
- Beacon, Direction-indicating. F. Corey and H. H. Thompson. 1,932,065; Oct. 24.
- Beacon, Direction indicating. O. Werner. 1,912,928; June 6.
- Beacon lamp, Gaseous. C. G. Found. 1,935,440; Nov. 14.
- Beacon or searchlight. H. Rosenbaum. 1,935,729; Nov. 21.
- Beacon, Sun flash. A. N. Rebori. 1,932,477; Oct. 31.
- Beacon, Wind indicating airways. B. Q. Jones. 1,915,319; June 27.
- Bead building machine. G. G. Andrews. 1,906,303; May 2.
- Bead building machine. G. G. Andrews. 1,923,699; Aug. 22.
- Bead chain, Ornamental. H. L. Pulver. 1,894,195; Jan. 10.
- Bead flipper machine. H. A. Denmire. 1,931,924; Oct. 24.
- Bead, Floating corner. H. J. Wilhoite. 1,938,474; Dec. 5.
- Bead for pneumatic tire casings and making the same. W. C. Geer. 1,899,088; Feb. 28.
- Bead forming machine. W. J. Dean. 1,899,947; Mar. 7.
- Bead positioning ring, Multiple. H. C. Bearman. 1,923,062; Aug. 22.
- Bead ring applying machine. F. J. Shook. 1,906,641; May 2.
- Bead stringer. L. A. Ederer. 1,893,538; Jan. 10.
- Bead strip rolling machine. G. F. Cavanagh and E. M. Winegar. 1,908,690; May 16.
- Bead structure for pneumatic tires. G. A. Handy. 1,918,539; July 18.
- Beam. F. Mossberg. 1,928,387; Sept. 26.
- Beam adjusting means. S. F. Arbuckle. 1,895,906; Jan. 31.
- Beam and mounting frame for Axminster looms. J. Goch. 1,903,040; Mar. 28.
- Beam, Composite. R. J. Adamy. 1,909,243; May 16.
- Beam for dyeing machines. W. P. Hornbuckle and R. F. Craig. 1,939,816; Dec. 19.
- Bead forming machine. W. Parker. 1,935,988; Nov. 21.
- Beam, Hand-scudding. G. A. Voorhies. 1,929,961; Oct. 10.
- Beam, Hollow metal. C. Dornier. 1,928,009; Sept. 26.
- Beam receiving system by frequency multiplication. J. Plebanski. 1,935,375; Nov. 14.
- Beam transmitter, Short wave. W. Ludenia. 1,934,078; Nov. 7.
- Beaming mechanism for warping and beaming machine. G. Sipp. 1,903,192; May 9.
- Beam, Meat. A. Bousfield. 1,930,606; Oct. 17.
- Beams, Apparatus for expanding trussed. C. W. Laufle. 1,927,443; Sept. 19.
- Beam, Adjustable bottom hole flow. E. S. Durward. 1,893,934; Jan. 10.
- Beam-snipping machine. C. M. Haynes. 1,913,837; June 13.
- Beam snipping machine. C. G. John. 1,927,345; Sept. 19.
- Beans and the like seeds into a condition suitable for nutrition. Converting soya. F. Gossel. 1,912,895; June 6.
- Beans, Apparatus for treating. O. H. Hansen. 1,897,664; Feb. 14.
- Beans or like legumines, Disembittering and improving soya. E. C. Winkler and H. Goller. 1,936,281; Nov. 21.
- Beans or the like, Device for arranging and feeding string. G. J. Olney. 1,931,114; Oct. 17.
- Bearing. See—
- Adjusting bearing. Roller bearing.
 - Adjustable thrust bearing. Roller side bearing.
 - Antifriction bearing. Scale bearing.
 - Awning center bearing. Sealed bearing.
 - Axle bearing. Self lubricated bearing.
 - Ball bearing. Shaft and spindle bearing.
 - Car body side bearing. Shaft bearing.
 - Clutch throw-out bearing. Side bearing.
 - Connected bearing. Spindle bearing.
 - Double-row roller bearing. Supporting bearing.
 - Journal bearing. Swivel bearing.
 - Knife edge bearing. Thrust bearing.
 - Lined bearing. Tractor wheel bearing.
 - Mine car bearing. Truck center bearing.
 - Mounting crank-shaft bearing. Upper main bearing.
 - Oil bearing. Vertical bearing.
 - Pulley bearing. Vertical oil bearing.
 - Radial bearing. Wear compensation bearing.
- Bearing. A. Alsaker. 1,931,218; Oct. 17.
- Bearing. W. A. Bohn. 1,909,747-8; May 16.
- Bearing. C. J. Brown. 1,929,836; Oct. 10.
- Bearing. L. W. Child. 1,936,379; Nov. 21.
- Bearing. T. Franzen. 1,934,920; Nov. 14.
- Bearing. W. H. Greenleaf. 1,907,792; May 9.
- Bearing. C. B. Haskins. 1,904,451; Apr. 18.
- Bearing. C. G. Janson. 1,915,275; June 27.
- Bearing. F. J. Jarvis. 1,923,211; Aug. 22.
- Bearing. M. C. Larson and J. J. Volansky. 1,940,756; Dec. 26.
- Bearing. R. K. Lee. 1,931,026; Oct. 17.
- Bearing. F. Leister. 1,908,295; May 9.
- Bearing. C. W. Lighthall. 1,895,167; Jan. 24.
- Bearing. W. J. McGuire. 1,909,624; May 16.
- Bearing. R. Miller. 1,909,977; May 23.
- Bearing. H. E. Muchnic. 1,928,359; Sept. 26.
- Bearing. H. E. Muchnic. 1,930,655; Oct. 17.
- Bearing. G. Olson. 1,894,414; Jan. 17.
- Bearing. E. R. Penick. 1,906,715; May 2.
- Bearing. E. J. Schmidt. 1,934,563; Nov. 7.
- Bearing. R. R. Searies and J. W. Smith. 1,941,366; Dec. 26.
- Bearing. C. F. Sherwood. 1,916,338; July 4.
- Bearing. C. F. Sherwood. 1,937,465; Nov. 28.
- Bearing. T. N. Smith. 1,921,488; Aug. 8.
- Bearing. S. W. Sparrow. 1,921,044; Aug. 8.
- Bearing. A. G. F. Wallgren. 1,900,874-5; Mar. 7.
- Bearing. A. G. F. Wallgren. 1,920,723; Aug. 1.
- Bearing. A. G. F. Wallgren. 1,920,725-7; Aug. 1.
- Bearing. A. G. F. Wallgren and C. G. Janson. 1,917,277; July 11.
- Bearing. A. G. F. Wallgren and C. G. Janson. 1,920,724; Aug. 1.
- Bearing. A. G. F. Wallgren and C. G. Janson. 1,921,957-8; Aug. 8.
- Bearing adjustable and cushion frame for casters, Top. W. B. Ramsey and W. H. Noeltling. 1,906,238; May 2.
- Bearing adjusting mechanism, Thrust. A. F. Schwendner. 1,926,562; Sept. 12.
- Bearing and application thereof. E. C. Cope. 1,904,203; Apr. 18.
- Bearing, and application thereof. E. C. Cope and E. Kinsella. 1,905,443; Apr. 25.
- Bearing and assembly thereof. J. S. McWhirter. 1,913,499; June 13.
- Bearing and cage, Roller. J. Hektner. 1,909,617; May 16.
- Bearing and forming the same, Self-aligning self-lubricating. N. Skillman. Re18,843; May 30.
- Bearing and guard therefor. S. R. Large. 1,917,988; July 11.
- Bearing and making same, Low limit. B. Stockfleth. 1,923,514; Aug. 22.
- Bearing and making the same, Roller. N. J. Nolan. 1,920,102; July 25.
- Bearing and mounting. Antifriction. S. R. Larae. 1,931,871; Oct. 24.
- Bearing and mounting therefor. J. E. and O. Mitchell. 1,894,699; Jan. 17.
- Bearing and oil closure, Axle. W. J. Chievitz. 1,908,956; May 16.
- Bearing and seal, Antifriction. S. R. Large. 1,917,987; July 11.
- Bearing and seal therefor. L. D. Cobb. 1,902,620; Mar. 21.
- Bearing and supporting structure for bobbin spindles. Combined self-lubricating. J. M. Etheridge. 1,928,525; Sept. 26.
- Bearing apparatus. Antifriction. F. Tyson. 1,932,236; Oct. 24.
- Bearing bushing press. E. W. Carroll. 1,937,810; Dec. 5.
- Bearing cage and forming the same, Roller. E. W. Mitchell. 1,894,595; Jan. 17.
- Bearing cage and method, Antifriction. O. W. Young. 1,928,823; Oct. 3.
- Bearing cage assembly, Roller. S. A. Strickland. 1,926,123; Sept. 12.
- Bearing cap finishing device. G. C. Monckmeier. 1,934,729; Nov. 14.
- Bearing caster, Antifriction. A. E. and A. F. Rice. 1,912,795; June 6.
- Bearing, Centering. A. Wallace. 1,918,156; July 11.
- Bearing closure. G. W. Curtis. 1,906,545; May 2.
- Bearing connection for coil springs. Antifriction. W. D. Ferris. 1,931,651; Oct. 24.
- Bearing construction. H. J. Alderson. 1,930,118; Oct. 10.
- Bearing construction. K. Almqvist. 1,931,050; Oct. 17.
- Bearing construction. R. R. Gaudin. 1,932,776; Oct. 31.
- Bearing construction. G. G. Rockwell. 1,923,799; Aug. 22.
- Bearing construction and making the same. L. R. Heim. 1,922,805; Aug. 15.
- Bearing construction for turbine pumps, Main. A. R. Weis. 1,902,150; Mar. 21.
- Bearing construction, Intermediate. J. A. Wintroath. 1,909,560; May 16.
- Bearing construction, Roller. C. S. Brown. 1,935,110; Nov. 14.
- Bearing construction, Roller. C. S. Brown. 1,915,118; June 20.
- Bearing device. C. H. Leis. 1,898,880; Feb. 21.
- Bearing device, Tube mill. M. Treschow. 1,919,489; July 25.
- Bearing elements, Casting. R. A. Johnson. 1,939,982; Dec. 19.
- Bearing extracting and installing device. G. W. Snarr. 1,897,737; Feb. 14.
- Bearing for accurately running shafts using ball bearings. K. Jung. 1,893,995; Jan. 10.
- Bearing for a-mature shafts of electric motors and dynamos. F. Wood. 1,895,142; Jan. 24.
- Bearing for car wheel journals, Roller. C. Dunning. 1,912,571; June 6.
- Bearing for chippers, Thrust. T. B. Sumner. 1,932,166; Oct. 24.
- Bearing for clutch releases. D. E. Gamble. 1,937,112; Nov. 28.

- Bearing for earth working tools. W. E. Goble. 1,932,619; Oct. 31.
- Bearing for eccentrics. G. J. MacFadden. 1,924,326; Aug. 29.
- Bearing for electric locomotives, Thrust. G. H. Fletcher. 1,940,299; Dec. 19.
- Bearing for hydraulic turbines, Shaft. D. J. McCormack. 1,936,767; Nov. 28.
- Bearing for ink roll doctors. A. D. Kerr. 1,905,104; Apr. 25.
- Bearing for looms, Rocker shaft. C. D. Brown. 1,922,026; Aug. 15.
- Bearing for pump operating levers. J. P. Ratigan. 1,939,135; Dec. 12.
- Bearing for railroad vehicles, Journal. C. W. Todd. 1,905,379; May 9.
- Bearing for railway cars, Side. H. F. Wardwell and W. C. Bladin. 1,905,196; Apr. 25.
- Bearing for rocker arms and the like. E. Wooler. 1,927,534; Sept. 19.
- Bearing for rotary printing machines. J. R. Tomlin. 1,921,443; Aug. 8.
- Bearing for rotary vacuum pumps. C. H. Hapgood. 1,906,464; May 2.
- Bearing for sanding machines. P. A. Solem. 1,916,897; July 4.
- Bearing for spindles, End thrust. C. H. Norton. 1,931,389; Oct. 17.
- Bearing housing. F. Wood. 1,927,511; Sept. 19.
- Bearing liner or brass, Lubricated. D. W. Davis and J. P. Laux. 1,915,409; June 27.
- Bearing liner or brass, Lubricated. D. W. Davis and J. P. Laux. 1,935,114; Nov. 14.
- Bearing locking means. E. G. Boden. 1,906,521; May 2.
- Bearings, Lubricated. S. H. H. Parsons. 1,919,741; July 25.
- Bearing lubricating device. I. F. Webb. 1,907,023; May 2.
- Bearing lubrication. J. Bijur. 1,932,393; Oct. 31.
- Bearing lubricator. C. L. Walker. 1,923,597; Aug. 22.
- Bearings, Making clutch-throw-out. A. Lenz and C. W. Adams. 1,930,277; Oct. 10.
- Bearing manufacture. W. H. Klocke. 1,922,304; Aug. 15.
- Bearing manufacture. W. J. Six. 1,920,022; July 25.
- Bearing material, Making. J. Kirner. 1,918,187; July 11.
- Bearing member. M. T. Lothrop. 1,928,627; Oct. 3.
- Bearing member and process for manufacturing it. A. E. Ricard. 1,928,544; Sept. 26.
- Bearings members and the like, Making. P. C. Ackerman. 1,911,336; May 30.
- Bearing mounting. J. H. Baninger. 1,893,219; Jan. 3.
- Bearing mounting. J. H. Baninger. 1,893,836; Jan. 10.
- Bearing mounting. J. H. Baninger. 1,906,243; May 2.
- Bearing mounting. T. C. Delaval-Crow. 1,923,777; Aug. 22.
- Bearing mounting for crank shaft and the like. N. M. Lower, A. R. Chalker and W. G. Bailey. 1,924,562; Aug. 29.
- Bearing positioning means. R. M. Riblet. 1,916,233; July 4.
- Bearing roller. P. S. Rydbeck. 1,904,253; Apr. 18.
- Bearing seal. C. Greenhoe. 1,930,312; Oct. 10.
- Bearing, Self-lubricating swivel. I. Wake. 1,919,138; July 18.
- Bearing shell, Babbitt lined journal. F. C. Jones and R. W. Funk. 1,932,787; Oct. 31.
- Bearing shells, Apparatus for babbitt-lining. R. A. Watson. 1,912,606; June 6.
- Bearing structure. G. F. Blume. 1,906,122; Apr. 25.
- Bearing structure. M. Ovestrud. 1,916,682; July 4.
- Bearing structure. E. Timbs and D. W. Walters. 1,920,609; Aug. 1.
- Bearing structure, Rubber. A. D. MacLachlan and K. E. Freund. 1,919,375; July 25.
- Bearing structure, Submersible. J. A. Wintroath. 1,893,922; Jan. 10.
- Bearing support. A. G. Brunner. 1,920,546; Aug. 1.
- Bearing supporting structure, Tubular. B. H. Urschel. 1,906,290; May 2.
- Bearing, Tapered roller. E. A. Johnston. 1,894,099; Jan. 10.
- Bearing trimmer table. L. Brooks. 1,930,949; Oct. 17.
- Bearing with porous metal bearing surface, Thrust. C. R. Short. 1,912,101; May 30.
- Bearing within a pulley. Securing a. G. H. Clark and J. L. Deters. 1,903,776; Apr. 18.
- Bearings, Adjusting means for. F. J. Hohnhorst and F. J. Kroeger. 1,928,690; Oct. 3.
- Bearings and forming the same, Self-lubricating. N. Skillman. 1,936,863; Nov. 28.
- Bearings and making the same, Heat responsive self-lubricating. R. H. Whiteley. 1,936,894; Nov. 28.
- Bearings and the like, Apparatus for forming flanged. F. C. Jones and R. W. Funk. 1,940,754; Dec. 26.
- Bearings, Apparatus for forming. W. J. Fiegel and E. O. Goerke. 1,910,285; May 23.
- Bearings, Apparatus for graphiting sleeve. C. H. Leis. 1,914,923; June 20.
- Bearings, Apparatus for making. W. H. Klocke. 1,936,454; Nov. 21.
- Bearings, Forming. E. P. Kerruish. 1,939,782; Dec. 19.
- Bearings, Lubricating and cooling roller. F. Wood. 1,909,031; May 16.
- Bearings, Making. W. H. Klocke. 1,906,273; May 2.
- Bearings, Making. B. Larzelere. 1,913,204; June 6.
- Bearings, Making. J. E. Padgett. 1,930,131; Oct. 10.
- Bearings, Making. C. R. Short and R. P. Koehring. 1,939,467; Dec. 12.
- Bearings, Making lined. E. P. Kerruish. 1,900,938; Mar. 14.
- Bearings, Manufacturing. W. G. Calkins and M. L. Carpenter. 1,896,939; Feb. 7.
- Bearings, Method and apparatus for tinning connecting rod. W. J. Fiegel. 1,902,770; Mar. 21.
- Bearings, Protecting submerged journal. R. T. Steindorf. 1,934,616; Nov. 7.
- Beat-up mechanism for braiding machines. S. B. Blaisdell. 1,918,175; July 11.
- Beater. G. Kuhn. 1,933,439; Oct. 31.
- Beater. M. Maynard. 1,910,303; May 23.
- Beater and mixer. H. Sack. 1,928,032; Sept. 26.
- Beater construction. P. J. Fitzgerald. 1,919,101; July 18.
- Beater, Egg. P. K. Bushnell. 1,921,342; Aug. 8.
- Beater, Egg. W. C. Eck. 1,915,017; June 20.
- Beater, Egg. T. A. Killman. 1,925,638; Sept. 5.
- Beater, Egg. L. Maslow. 1,910,302; May 23.
- Beater engine rolls, Apparatus for adjusting. C. C. Riehman. 1,923,230; Aug. 22.
- Beater for mixing devices, Separable. P. J. Fitzgerald. July 18.
- Beater for the paper industry. E. Héry. 1,925,922; Sept. 5.
- Beater for vacuum cleaners. H. T. Lang and H. A. Kroenlein. 1,919,067; July 18.
- Beater, Massage. P. Koment. 1,915,190; June 20.
- Bed. C. R. Kayser. Des. 90,887; Oct. 17.
- Bed. P. H. Kellar. 1,925,637; Sept. 5.
- Bed. J. M. Line. 1,929,000; Oct. 3.
- Bed. Z. S. Logan and W. P. Pike. 1,899,762; Feb. 28.
- Bed. W. C. Maslow. 1,903,901; Apr. 18.
- Bed accessory. E. F. Lagarde. 1,897,521; Feb. 14.
- Bed adjusting mechanism, Hospital. F. Kusterle. 1,941,214; Dec. 26.
- Bed and bedpan combination. W. C. Elliott. 1,899,263; Feb. 28.
- Bed and chair, Combination. M. Adler. 1,899,432; Feb. 28.
- Bed and mantle, Combined. S. M. Abbott. 1,938,165; Dec. 5.
- Bed and tent structure, Portable. W. C. Wilson. 1,906,828; May 2.
- Bed, Automobile. J. L. Richardson. 1,905,605; Apr. 25.
- Bed, Automobile. H. E. Rottmer. 1,925,607; Sept. 5.
- Bed bottom, Spring. C. Kirchner. 1,907,324; May 2.
- Bed bottom, Spring. M. Thum. 1,899,836; Feb. 28.
- Bed, Child's. K. L. McLaughlin. 1,920,580; Aug. 1.
- Bed, Combination. C. J. Kindel. 1,912,711; June 6.
- Bed, Concealed. E. Cocks. 1,918,085; July 11.
- Bed construction. A. V. Sedlock. 1,922,503; Aug. 15.
- Bed, Cooling. G. L. Fisk. 1,904,434; Apr. 18.
- Bed, Cooling. G. L. Fisk. 1,921,353; Aug. 8.
- Bed, Couch. K. Koller. 1,893,949; Jan. 10.
- Bed couch construction, Double. W. B. Foster. 1,926,672; Sept. 12.
- Bed cover clamp, Folding. N. Sinclair. 1,929,657; Oct. 10.
- Bed crane, Hospital. F. Scheidegger. 1,914,171; June 13.
- Bed, Crib. N. J. Kroll. 1,907,298; May 2.
- Bed davenport. R. Coopersmith. 1,896,289; Feb. 7.
- Bed, Day. J. Martin. 1,905,928; Apr. 25.
- Bed, Disappearing. J. Hoffmann. 1,899,803; Feb. 28.
- Bed, Electrically operated wall. M. G. Wright. 1,915,507; June 27.
- Bed, Extensible twin day. B. B. Englander. 1,907,526; May 9.
- Bed, Folding. M. Fox. 1,899,412; Feb. 28.
- Bed, Folding closet. R. Coopersmith. 1,896,288; Feb. 7.
- Bed for plastic material. J. S. Raynor. 1,926,791; Sept. 12.
- Bed for shoe ornamenting machinery. B. B. Brodfuehrer, B. W. Freeman, and C. A. Jester. 1,934,112; Nov. 7.
- Bed, Hospital. J. J. Ettlinger. 1,901,841; Mar. 14.
- Bed, Hospital. C. D. Lukens. 1,922,104; Aug. 15.
- Bed, Hospital. C. L. Shultz. 1,905,355; Apr. 25.
- Bed, Institutional. R. L. Clark. 1,924,026; Aug. 22.
- Bed light. M. J. Kramer. 1,906,626; May 2.
- Bed or attachment therefor. M. C. Nixon and A. F. Kap-tuller. 1,908,530; May 9.
- Bed or similar article, Child's. M. Hallward. Des. 89,044; Jan. 17.
- Bed, Orthopedic. J. V. Berns. 1,905,887; Apr. 25.
- Bed, Pet's. L. Larson. Des. 89,646; Apr. 18.
- Bedplate construction. R. Winter. 1,906,781; May 2.
- Bed rail fastener. J. I. Norris. 1,922,388; Aug. 15.
- Bed reader. F. V. R. Hoogendyk. 1,916,667; July 4.
- Bed, Recess. M. Fox. 1,898,578; Feb. 21.
- Bed side table. L. Smith. 1,916,537; July 4.
- Bedside unit, Hospital. H. Fehl and A. Belcher. 1,916,832; July 4.
- Bed, Sliding couch. P. P. Beby. 1,922,613; Aug. 15.
- Bedspring. G. F. Cane. 1,933,843; Nov. 7.
- Bedspring. N. Goldberg. 1,908,665; May 9.
- Bed spring. D. Kurkchee. 1,903,679; Apr. 11.
- Bed spring. B. Levinson. 1,908,520; May 9.
- Bedspring. J. London. 1,934,365; Nov. 7.
- Bedspring, Articulated. B. McIntosh. 1,941,263; Dec. 26.
- Bedstead. R. C. Botwright. 1,924,732; Aug. 29.
- Bedstead. D. M. Douglass. Des. 91,104; Nov. 28.
- Bedstead. F. M. McClure. Des. 90,255-6; July 4.
- Bedstead. S. H. Tomlinson. Des. 90,997; Nov. 7.
- Bedstead. S. H. Tomlinson. Des. 90,999; Nov. 7.

- Bedstead corner post. C. A. Stuart. Des. 89,930; May 16.
- Bedstead protector. M. Fett, née Hamdorf. 1,919,426; July 25.
- Bed structure. B. M. Frank and J. Basile. Re18,725; Jan. 31.
- Bed support for lathes, grinders, and the like. A. Storm and T. Thorsen. 1,914,586; June 20.
- Bed tilting device. E. F. Domke and S. A. J. Ennis. 1,915,881; June 27.
- Bed, Wall. G. A. Stackhouse. 1,926,502; Sept. 12.
- Bed, Wooden. G. L. Youngs and J. L. Angle. Des. 90,559; Aug. 22.
- Bedding clamp. J. J. van Vechten. 1,913,965; June 13.
- Bedding protective device. A. L. Frank. 1,913,750; June 13.
- Beds, Adjustable back for davenport. D. H. Caldemeyer. 1,907,177; May 2.
- Beds, Adjustable back rest for. F. L. Lanzy. 1,902,249; Mar. 21.
- Beds, Counterbalancing means for foldable. G. F. Cane. 1,902,619; Mar. 21.
- Beds, Mounting foldable roll-about. G. F. Cane. 1,899,851; Feb. 28.
- Beds, Service attachment for. D. F. McRae. 1,930,882; Oct. 17.
- Beehive. C. W. Powell. 1,911,466; May 30.
- Beehive. J. Toth. 1,896,334; Feb. 7.
- Beeswax separator. F. N. Hand. 1,915,733; June 27.
- Beer manufacture. M. Glaubitz and H. Haehn. 1,898,047; Feb. 21.
- Beet blocking machine. F. C. Schwanbeck. 1,910,776; May 23.
- Beet puller share. F. N. Tonkinson. 1,923,285; Aug. 22.
- Beet-root harvesting machine. H. Stolz. 1,934,757; Nov. 14.
- Bell, Electric. G. O. Davies. 1,937,403; Nov. 28.
- Bell, Exercising. R. A. Wood. 1,917,566; July 11.
- Bell for blast furnaces. E. P. Everhard. 1,927,490; Sept. 19.
- Bell for blast furnaces, Distributing large. A. J. Boynton and P. Zimmermann. 1,899,307; Feb. 28.
- Bell ringer. A. L. Bridgman. 1,929,197; Oct. 3.
- Bell ringing device. F. R. Piagens. 1,927,901; Sept. 26.
- Bell ringing means for toy locomotives. E. D. Boisselier. 1,933,004; Oct. 31.
- Bell ringing mechanism and control therefor. S. B. Merrill. 1,938,713; Dec. 12.
- Bell striker. C. R. Davis. 1,940,206; Dec. 19.
- Bell swinging device. P. Muller. 1,921,090; Aug. 8.
- Bells, Alternating current. R. F. Stehlik. 1,927,530; Sept. 19.
- Bells, Construction of. S. B. Merrill. 1,918,551; July 18.
- Bellows and the like, Method and device for collapsing. M. H. Ward. 1,907,914; May 9.
- Belly inspection device. C. L. Lohner. 1,927,874; Sept. 26.
- Belly press. J. H. Washburn. 1,940,035; Dec. 19.
- Belt. A. L. Freedlander. 1,911,496; May 30.
- Belt. A. L. Freedlander. 1,933,899; Nov. 7.
- Belt. A. L. Freedlander. 1,924,354-5; Aug. 29.
- Belt. S. Holstein. Des. 89,190; Feb. 7.
- Belt. C. S. Mackenzie. 1,908,038; May 9.
- Belt. I. Singer. Des. 90,783; Sept. 26.
- Belt. H. A. Toulmin, jr. 1,920,482; Aug. 1.
- Belt, Abdominal supporting. J. Brohman. 1,916,298; July 4.
- Belt, Abdominal supporting. I. M. Pease. 1,893,960; Jan. 10.
- Belt, Aeroplane passenger's safety. R. E. Dowd and F. A. Thompson. 1,907,098; May 2.
- Belt, Airplane safety. C. M. Johnson. 1,895,222; Jan. 24.
- Belt and buckle. J. Chierotti. 1,895,148; Jan. 24.
- Belt and connector therefor, Wire. R. J. Guba. 1,935,631; Nov. 21.
- Belt and making same, Driving. J. R. Gammeter. 1,915,660; June 27.
- Belt and making the same. R. Reynolds. 1,935,817; Nov. 21.
- Belt and making the same, Driving. G. L. Matthias. 1,939,859; Dec. 19.
- Belt and splicing the same, Spliced. I. F. Kepler. 1,931,322; Oct. 17.
- Belt, Apparel. M. Silverman. Des. 90,632; Sept. 5.
- Belt attachment for garments. A. Vizzard. 1,909,922; May 16.
- Belt, Bathing. W. V. Carr. 1,920,061; July 25.
- Belt, Coat. N. G. De Marco. 1,919,503; July 25.
- Belt, Conveyor. H. Ambruson. 1,940,832; Dec. 26.
- Belt, Conveyor. E. R. Zademach. 1,896,151; Feb. 7.
- Belt-conveyor for heat treating furnaces, Sheet-metal. R. Kaier. 1,906,971; May 2.
- Belt detector and safety device, Broken. A. A. Bianchi. 1,904,351; Apr. 18.
- Belt, Duplex link. F. L. Morse. 1,900,192; Mar. 7.
- Belt, Exercise. A. W. Brand. 1,922,566; Aug. 15.
- Belt fastener. E. Wanamaker. 1,907,913; May 9.
- Belt fastener, Flexible. W. A. Calhoun. 1,895,969; Jan. 31.
- Belt fastening construction and making belt connections. B. M. Coffee. 1,938,375; Dec. 5.
- Belt fitter. M. E. Hill. 1,904,048; Apr. 18.
- Belt, Fourdrinier. E. J. Buell. 1,930,336; Oct. 10.
- Belt, Flexible buckle. E. S. Mix. 1,917,142; July 4.
- Belt for Fourdrinier machines. H. Lindsay and E. J. Buell. 1,927,498; Sept. 19.
- Belt for garments and the like articles. L. Lubin. 1,921,271; Aug. 8.
- Belt guide construction, Feed. W. F. Newhouse. 1,900,657; Mar. 7.
- Belt hook press. W. W. Hartley. 1,914,855; June 20.
- Belt lacing holder. J. K. Diamond. 1,894,981; Jan. 24.
- Belt, Lineman's. H. H. Wotherspoon. 1,903,081; Mar. 28.
- Belt, Link. J. K. Diamond. 1,898,035; Feb. 21.
- Belt, Link. J. K. Diamond. 1,940,297; Dec. 19.
- Belt, Link. W. A. Tattle and P. W. White. 1,926,126; Sept. 12.
- Belt, Link conveyor. V. C. King. 1,936,764; Nov. 28.
- Belt, Link conveyor. F. N. Woodman. 1,907,636; May 9.
- Belt, Lumbago. R. Draves. 1,924,640; Aug. 29.
- Belt, Making a. E. Meyer. 1,906,397; May 2.
- Belt, Making a. G. E. Sedgley and A. S. Brown. 1,907,593; May 9.
- Belt-making apparatus. B. A. Evans and W. B. Freeman. 1,895,922; Jan. 31.
- Belt, Manufacturing a wrapped. A. L. Freedlander. 1,911,497; May 30.
- Belt of unit construction, Flat link conveyor. F. N. Woodman. 1,907,637; May 9.
- Belt or similar article. F. Hirsh. Des. 90,767; Sept. 26.
- Belt, Paper press. O. T. Chalon. 1,925,917; Sept. 5.
- Belt, Power operated massage. C. C. Haynes. 1,919,062; July 18.
- Belt, Power transmitting. P. L. Gardère. 1,915,571; June 27.
- Belt splice, Apparatus for making a. W. J. Sculley. 1,900,402; Mar. 7.
- Belt, Surgical. E. Hoier. 1,932,270; Oct. 24.
- Belt, Surgical. H. Loeb, sr. 1,908,906; May 16.
- Belt tightener. E. Greve. 1,938,523; Dec. 5.
- Belt tightener. J. W. Homer. 1,901,557; Mar. 14.
- Belt tightener, Hydraulic. J. Reid. 1,929,852; Oct. 10.
- Belt tightening apparatus. C. Duncan. 1,911,071; May 23.
- Belt tightening apparatus for fruit sizing machines. W. De Back. 1,914,633; June 20.
- Belt, Traction. D. S. Kennedy. 1,913,257; June 6.
- Belt, Traction. D. S. Kennedy. 1,913,280; June 6.
- Belt, V-shaped. H. R. Keyes and C. H. Keyes. 1,923,542; Aug. 22.
- Belt, Wire. R. T. Korb. 1,938,293; Dec. 5.
- Belt, Wire conveyor. I. H. Harter. 1,938,017; Dec. 5.
- Belt, Wire screen. E. C. Downer. 1,912,934; June 6.
- Belt, Woven wire conveyor. C. E. Pink. 1,895,344; Jan. 24.
- Belting suitable for driving machines. J. Dawson, jr. 1,929,839; Oct. 10.
- Belts, Adjustable automatic take-up for. E. A. Beyl. 1,934,481; Nov. 7.
- Belts, Apparatus for molding. E. Meyer. 1,899,393; Feb. 28.
- Belts, Manufacture of rubber. W. H. Gerstenslager. 1,930,747; Oct. 17.
- Belts, Manufacturing. R. S. Carter and H. G. Dick. 1,924,083; Aug. 22.
- Belts, Manufacturing. A. L. Freedlander. 1,901,442; Mar. 14.
- Belts, Manufacturing V-type. R. Roderwald. 1,928,869; Oct. 3.
- Belts, Mechanism and method for cementing double leather. W. S. Griffith. 1,917,296; July 11.
- Belts, Method of and machine for building. W. H. Gerstenslager. 1,924,067; Aug. 22.
- Belts of rubber impregnated cloth, Manufacturing toothed V-type. R. Roderwald. 1,920,525; Aug. 1.
- Belts, Producing endless. T. M. Russell. 1,917,548; July 11.
- Bench. L. G. Helping. 1,897,377; Feb. 14.
- Bench block. A. T. Harland. 1,923,620; Aug. 22.
- Bench for pottery molds. B. H. Greene. 1,914,740; June 20.
- Bench leg. E. C. Bott. 1,915,180; June 20.
- Bench, Operator's. W. Strohbridge. 1,900,621; Mar. 7.
- Bench, Packing house. H. T. Hollowell. 1,924,989; Aug. 29.
- Bench, Portable work. G. Wolfram. 1,901,790; Mar. 14.
- Bench, Vanity. L. Guild. Des. 91,029; Nov. 14.
- Bend for pipe coils, Return. M. Merritt. 1,893,841; Jan. 10.
- Bendable unit. S. S. Mittleburg. 1,913,406; June 13.
- Bending and apparatus therefor. J. F. Lawson. 1,936,765; Nov. 28.
- Bending apparatus. F. H. Meyer. 1,901,762; Mar. 14.
- Bending machine. G. Mafera. 1,898,254; Feb. 21.
- Bending machine. A. R. Smith. 1,905,515; Apr. 25.
- Bending machine. A. Wagenbach. 1,903,799; Apr. 18.
- Bending machine roll. A. T. Yates. 1,926,830; Sept. 12.
- Bentonite and the like, Treating. J. D. Haseman. 1,929,113; Oct. 3.
- Benzanthrone-acridines and preparing them. A. J. Wuertz. 1,909,386; May 16.
- Benzanthrone derivatives, Production of. I. B. Anderson, R. F. Thomson, and J. Thomas. 1,921,496; Aug. 8.
- Benzanthrone derivatives, Production of. H. Wolff. 1,909,738; May 16.
- Benzanthrone, Manufacture of. G. Bacharach and E. McCauliff, jr. 1,893,575; Jan. 10.

- Benzanthrone, Manufacture of. A. O. Jaeger and L. C. Daniels. 1,930,681; Oct. 17.
- Benzanthrone, Manufacture of. A. O. Jaeger and L. C. Daniels. 1,931,847; Oct. 24.
- Benzanthrone, Production of. A. J. Wuertz. 1,896,147; Feb. 7.
- Benzanthrone, Purifying. W. Becker. 1,900,972; Mar. 14.
- Benzene and carbon disulphide, Producing. T. S. Wheeler and W. Francis. 1,907,274; May 2.
- Benzene stibonic acid, Acylamino. K. Streitwolf, A. Fehrlé, W. Hermann, and P. Fritzsche. 1,921,330; Aug. 8.
- Benzines, benzenes, and other hydrocarbons from coal tars and oils. R. E. Goldsbrough. 1,903,568; Apr. 11.
- Benzines, benzenes, and other hydrocarbons from coal tars and oils, Production of. R. E. Goldsbrough. 1,927,452; Sept. 19.
- Benzoic acid and its derivatives, Purification of. A. O. Jaeger. 1,919,023; July 18.
- Benzol and valuable by-products from a gas containing either butane propane or ethane or portions of each, Apparatus for the manufacture of. F. Porter. 1,895,086; Jan. 24.
- Benzol, Refining of crude. C. Krauch and M. Pier. 1,932,365; Oct. 24.
- Benzyl chloride, Manufacture of. N. Bennett, H. Dodd, W. C. Sprent, and F. Holt. 1,911,667; May 30.
- Berry box. J. N. Ainslie. 1,923,525; Aug. 22.
- Berth attachment. J. L. Bearton. 1,910,085; May 23.
- Beryllium aluminum alloy. J. K. Smith. 1,905,312-13; Apr. 25.
- Beryllium-aluminum alloy. J. K. Smith. 1,941,230; Dec. 26.
- Beryllium-aluminum alloy, Producing. W. Pfan. 1,919,379; July 25.
- Beryllium and beryllium alloys, Manufacture of. L. Burgess. 1,924,151; Aug. 29.
- Beryllium and light alloys thereof, Making. L. Burgess. 1,937,509; Dec. 5.
- Beryllium compounds from beryllium containing minerals or other substances, Separating. W. Kangro and A. Lindner. 1,893,831; Jan. 3.
- Beryllium oxide occurring in materials containing beryllium silicate or silicates, Concentrating. L. Burgess. 1,905,340; Apr. 25.
- Beta-alkyl-amino compounds of mono-hydroxy-phenyl-ethanols and producing same. H. Legerlotz. 1,932,347; Oct. 24.
- Beta-amino-anthraquinone, Preparing. I. Gubelmann and J. M. Tinker. 1,910,692; May 23.
- Beta-naphthol, Sulphonation of. J. M. Tinker and V. A. Hansen. 1,934,216; Nov. 7.
- Beveling square tire patches, Process and apparatus for. C. E. Dunlap. 1,918,838; July 18.
- Beverage capsule. B. E. Lever. 1,931,765; Oct. 24.
- Beverage carbonating and dispensing apparatus. C. H. Jacobs and E. R. Nash. 1,905,986; Apr. 25.
- Beverage cooler. T. J. Fegley. 1,935,023; Nov. 14.
- Beverage cooler. J. J. Readie, jr. Des. 89,819; May 9.
- Beverage cooling apparatus. A. C. Denslow. 1,917,927; July 11.
- Beverage dispenser. R. H. Downer. Des. 89,149; Jan. 31.
- Beverage dispenser. F. A. Johnson and J. W. Freeborn. Des. 90,253; July 4.
- Beverage dispenser. G. E. Wehrenberg. Des. 90,039; May 30.
- Beverage-dispensing apparatus. L. Diamond. 1,935,545; Nov. 14.
- Beverage dispensing device. A. F. Masury. 1,936,848; Nov. 28.
- Beverage dispensing device. J. Thomson and J. Langfelder. 1,915,559; June 27.
- Beverage dispensing device. E. Worthington. Des. 90,744; Sept. 19.
- Beverage dispensing unit. R. T. Moloney. Des. 90,675; Sept. 12.
- Beverage manufacture. M. Feller. 1,912,439; June 6.
- Beverage mixer. A. C. Gilbert. 1,912,350; May 30.
- Beverage or food tablet. A. B. Low. Des. 89,941; May 16.
- Beverage product and producing the same. C. P. Wilson and J. A. Finley. 1,940,036; Dec. 19.
- Beverage water heater. L. B. Green. 1,920,013; July 25.
- Beverages, Apparatus for cooling. L. C. Smith. 1,913,345; June 6.
- Beverages, Device for testing carbonated. A. F. Fredricksen. 1,918,258; July 18.
- Beverages, Making alcohol-weak. A. Lewinson. 1,899,512; Feb. 28.
- Beverages, Preparation of. W. Stelkens. 1,930,257; Oct. 10.
- Blas cutting machine. H. S. Alexander, F. B. Pfeiffer, and J. W. White. 1,895,274; Jan. 24.
- Blas cutting machine. C. S. McChesney, F. G. Reid, and N. L. Cornell. 1,935,780; Nov. 21.
- Bicycle basket support. E. F. Pawsat. 1,908,535; May 9.
- Bicycle frame. G. S. Lewis. Des. 89,132-3; Jan. 31.
- Bicycle frame and making it. R. G. Ledig. 1,906,385; May 2.
- Bicycle frame or the like. G. W. Clark. Des. 90,104; June 13.
- Bicycle frame or the like. C. J. Fogarty. Des. 90,241; July 4.
- Bicycle frame or the like. C. J. Fogarty. Des. 90,875; Oct. 17.
- Bicycle front fork. G. S. Lewis. Des. 89,134; Jan. 31.
- Bicycle lower rear fork. G. S. Lewis. Des. 89,135; Jan. 31.
- Bicycle transmission. W. E. Sperry. 1,938,157; Dec. 5.
- Bicycle, Water. E. C. L. Herwig. 1,920,391; Aug. 1.
- Bid indicator for card games. J. S. Walker. 1,898,862; Feb. 21.
- Bier, Casket. V. J. Hajny. Des. 89,067; Jan. 17.
- Bilge pump. L. E. Perkins. 1,899,917; Feb. 28.
- Bill and stub receipting and severing means. L. B. Howard. 1,911,690; May 30.
- Billboard construction. E. G. Burket. 1,901,282; Mar. 14.
- Bill fold. W. R. Buxton. 1,909,809; May 16.
- Billfold. P. A. Gardner. 1,922,619; Aug. 15.
- Bill fold. P. Wege. 1,924,702; Aug. 29.
- Bill fold, cardcase, and the like. B. Rolfs. 1,918,868; July 18.
- Billfolder, purse, etc. A. Jacobsen. 1,933,115; Oct. 31.
- Billet and bloom grooving machine. L. C. Reis. 1,925,499; Sept. 5.
- Billet feeding and heating apparatus. D. L. Summey. 1,920,133; July 25.
- Billet handling in continuous heating furnaces. W. H. Engelbertz. 1,922,888; Aug. 15.
- Billet surfacing machine. L. C. Reis. 1,922,980; Aug. 15.
- Billets prior to extrusion, Treating. F. Singer. 1,912,015; May 30.
- Billiard table. O. Goerner. 1,925,692; Sept. 5.
- Billiard table. J. O. Matteson. Des. 89,903; May 16.
- Billing machine form aligner. D. E. Maxham and J. J. Phillon. 1,907,993; May 9.
- Bimetal articles, Manufacture of. M. M. Austin. 1,936,222; Nov. 21.
- Bimetal, Oxidation resistant. H. Scott. 1,929,655; Oct. 10.
- Bin. T. A. Wiseman. 1,898,416; Feb. 16.
- Bin alarm switch. C. H. Johansson. 1,893,862; Jan. 10.
- Bin and hopper, Coffee. P. M. Young. 1,897,599; Feb. 14.
- Bin closure. J. H. Adams. 1,921,062; Aug. 8.
- Bin gate. A. D. Sinden. 1,924,419; Aug. 29.
- Bin indicator. J. A. Rydmark and H. C. Mittendorf. 1,939,368; Dec. 12.
- Bins, Apparatus for emptying. D. B. Fegles and F. L. Nemece. 1,909,258; May 16.
- Binaphthylenedioxide compounds. B. Bollweg, L. Zeh and E. Kramer. 1,894,365; Jan. 17.
- Binder. W. M. Childs. 1,895,972; Jan. 31.
- Binder. L. T. Lloyd and H. E. Olsen. 1,909,293; May 16.
- Binder. J. J. Lynch and E. F. Barvoets. 1,902,965; Mar. 28.
- Binder, Adjustable loose leaf. J. J. Gaertig. 1,911,358; May 30.
- Binder and holder for writing implements, Loose leaf. C. D. Trussell. 1,904,572; Apr. 18.
- Binder bar, Loose leaf. J. C. Dawson. 1,894,736; Jan. 17.
- Binder, Catalogue. J. C. Dawson. 1,913,152; June 6.
- Binder, Chain post. E. F. Buenger. 1,918,451; July 18.
- Binder, Coating or paste, Core or mold. C. M. Saege, jr. 1,893,683-4; Jan. 10.
- Binder driving mechanism. L. A. Paradise and E. T. Johnson. 1,913,038; June 6.
- Binder, Easel type loose-leaf. C. E. Morehouse. 1,918,773; July 18.
- Binder, Expandable. H. G. Buchan. 1,911,800; May 30.
- Binder, Flexible post file. F. L. Kneeland. 1,923,627; Aug. 22.
- Binder for loose-leaf books. C. R. Stevens. 1,915,960; June 27.
- Binder for magazines, pamphlets and other publications. W. D. Seibert. 1,906,661; May 2.
- Binder, Loose leaf. H. B. Brown. 1,914,968; June 20.
- Binder, Loose leaf. W. R. Buxton. 1,896,573; Feb. 7.
- Binder, Loose leaf. W. R. Buxton. 1,909,807-8; May 16.
- Binder, Loose leaf. J. Cooper. 1,896,881; Feb. 7.
- Binder, Loose-leaf. J. Cooper. 1,934,040; Nov. 7.
- Binder, Loose leaf. J. C. Dawson. Re18,806; Apr. 25.
- Binder, Loose leaf. J. C. Dawson. 1,896,838-40; Feb. 7.
- Binder, Loose leaf. J. C. Dawson. 1,897,001; Feb. 7.
- Binder, Loose leaf. J. C. Dawson. 1,900,334; Mar. 7.
- Binder, Loose leaf. J. C. Dawson. 1,900,431; Mar. 7.
- Binder, Loose leaf. J. C. Dawson. 1,927,113; Sept. 19.
- Binder, Loose-leaf. C. H. Franz, jr. 1,896,667; Feb. 7.
- Binder, Loose-leaf. C. H. Franz, jr. 1,909,944; May 23.
- Binder, Loose leaf. S. B. Freiberg. 1,919,784; July 25.
- Binder, Loose leaf. LeR. E. Hutchings. 1,923,022-3; Aug. 15.
- Binder, Loose leaf. H. M. Kellogg and J. Ahlbin. 1,895,629; Jan. 31.
- Binder, Loose-leaf. L. T. Lloyd. 1,902,786; Mar. 21.
- Binder, Loose leaf. A. G. Lotter. 1,893,175; Jan. 3.
- Binder, Loose leaf. A. G. Lotter. 1,899,763; Feb. 28.
- Binder, Loose leaf. A. G. Lotter. 1,928,941; Oct. 3.
- Binder, Loose-leaf. F. W. Metzger. 1,940,006; Dec. 19.
- Binder, Loose leaf. C. H. Moore. 1,900,840; Mar. 7.
- Binder, Loose leaf. C. E. Morehouse. 1,922,691; Aug. 15.
- Binder, Loose leaf. J. R. Newland and E. T. Lundeen. 1,929,389; Oct. 3.
- Binder, Loose leaf. J. and F. S. Schade. 1,898,215; Feb. 21.
- Binder, Loose leaf. N. H. Stuart. 1,896,471; Feb. 7.
- Binder, Loose leaf. P. U. Unger. 1,896,872; Feb. 7.
- Binder, Loose leaf. W. F. Warner, jr. 1,925,424; Sept. 5.
- Binder, Loose leaf. R. M. Watson. 1,915,140; June 20.
- Binder, Loose leaf book. A. C. Daniels. 1,910,792; May 23.
- Binder, Loose leaf post. J. C. Dawson. 1,910,324; May 23.

- Binder, Magazine. L. Davio. 1,918,592; July 18.
 Binder, mechanism, Loose leaf. J. C. Dawson. 1,913,700-01; June 13.
 Binder over fibrous materials, Distributing. E. J. Pieper, D. F. Smith, and C. C. Vogt. 1,901,930; Mar. 21.
 Binder, Record. F. O. Unger. 1,909,320; May 16.
 Binder, Record. F. O. Unger. 1,923,851; Aug. 22.
 Binder ring. G. E. White. 1,900,321; Mar. 7.
 Binder, Sewing machine. H. Gensheimer. 1,939,972; Dec. 19.
 Binder sheet fastening. J. V. Montinerello. 1,927,668; Sept. 19.
 Binder support, Loose-leaf. R. J. Copeland. 1,929,482; Oct. 10.
 Binder, Temporary. U. R. Tannehill and J. I. Johnson. 1,929,614; Oct. 10.
 Binding and cutting mechanism for knitting machines. A. E. Page. 1,919,123; July 18.
 Binding attachment for reaping machines. R. Haubold. 1,909,056; May 16.
 Binding construction for shoes. T. Saval. 1,937,916; Dec. 5.
 Binding for calendars, Metal. F. C. Todd. 1,906,024; Apr. 25.
 Binding for furniture and automobiles. C. W. Fisher. 1,928,250; Sept. 26.
 Binding for the unselvaged edges of fabrics. A. F. McCollum. 1,915,235; June 20.
 Binding, Metal. E. E. Draper. 1,901,902; Mar. 21.
 Binding or cover for periodicals and the like, Loose. W. Hull. 1,914,859; June 20.
 Binding post. C. L. Knutson. 1,919,952-3; July 25.
 Binding, Slug-form. W. H. Ritenour. 1,923,116; Aug. 22.
 Binding, Wrinkle proof rug edge reinforcing. H. Borden. 1,917,425; July 11.
 Bindings, Forming. F. D. Herald. 1,938,288; Dec. 5.
 Binnacle light. T. R. Fulton. 1,908,971; May 16.
 Binocular rangefinder. O. Eppensteln. 1,928,662; Oct. 3.
 Biological specimens, Preserving. P. Joffe. 1,935,706; Nov. 21.
 Bioscope attachment for optical instruments, Reflecting. I. N. Cassity. 1,930,306; Oct. 10.
 Bipolar selector switch. J. E. Shelley. 1,939,369; Dec. 12.
 Bird bath. E. Burley. 1,895,702; Jan. 31.
 Bird cage. H. G. Palmer. 1,896,097; Feb. 7.
 Birdcage stand. E. G. Webster. 1,907,194; May 2.
 Biscuit and like feeding device. G. R. Baker and H. O. King. 1,910,785; May 23.
 Biscuit cutting and panning machine. T. L. Green and C. H. Williams. 1,924,549; Aug. 29.
 Biscuit machine. T. L. Green. 1,939,810; Dec. 19.
 Biscuit-packaging and cartoning machine. W. B. Bronander. 1,935,613; Nov. 21.
 Biscuits and the like, Icing. R. F. MacFarlane and W. E. Prescott. 1,904,742; Apr. 18.
 Bismuth compound of campho-carbonic acid, Basic. G. W. Raiziss and L. R. W. Clemence. 1,921,638; Aug. 8.
 Bismuth salts of organic arsenic acids, Basic. K. Streitwolf, A. Fehle, and W. Hermann. 1,934,017; Nov. 7.
 Bismuth salts of organic carboxylic acids. R. Berendes and L. Schutz. 1,934,785; Nov. 14.
 Bismuth sodium gluconate and colloidal solution produced thereby, Making. J. Torizian. 1,906,666; May 2.
 Bismuthyl mononate and making it, Soluble. R. Pasternack and C. P. Ammerman. 1,919,742; July 25.
 Bit: See—
 Auger bit. Eccentric rock bit.
 Blade type bit. Roller bit.
 Disk bit. Rotary bit.
 Disk drill bit. Rotary drill bit.
 Drill bit. Well bit.
 Drilling bit. Well drilling bit.
 Earth drilling bit.
 Bit. E. A. Reed. 1,921,700; Aug. 8.
 Bit. E. A. Reed. 1,921,702; Aug. 8.
 Bit and bit holder, Mining machine. B. F. Rassieur and C. P. Bascom. 1,897,331; Feb. 14.
 Bit apparatus, Knock-over. C. Hilscher and A. Loimann. 1,894,588; Jan. 17.
 Bit control, Rotary well drilling. J. H. Hollestelle. 1,900,932; Mar. 14.
 Bit for bore-hole machinery, Sampling. P. W. Culshaw. 1,926,038; Sept. 12.
 Bit for knitting machines, Knockover. E. J. Welfens. 1,939,092; Dec. 12.
 Bit-forging apparatus. L. Bortkewicz. 1,937,625; Dec. 5.
 Bit holder. J. N. Baker. 1,907,399; May 2.
 Bit rotating device for reciprocating tools. J. N. Baker. 1,934,252; Nov. 7.
 Bit shank, Combination. E. E. Millican. 1,935,654; Nov. 21.
 Bituminous and like compositions. G. Zimmermann. 1,901,792; Mar. 14.
 Bituminous article of manufacture. C. W. Hunt and A. H. McRae. 1,912,142; May 30.
 Bituminous emulsion. P. R. Smith. 1,895,775; Jan. 31.
 Bituminous emulsions and making same. L. Liberthson. 1,940,807; Dec. 26.
 Bituminous material, Making. H. C. Neuberger. 1,894,630; Jan. 17.
 Bituminous materials and making same. A. R. Ebberts. 1,937,749; Dec. 5.
 Bituminous road surfacing materials, Preparing. F. O. W. and D. M. Loomis. 1,911,761; May 30.
 Blackberry, Thornless logan. B. E. and G. R. Bauer. Pl. Pt. 82; Nov. 14.
 Blackboard and desk or the like, Combination. W. J. Xavier. 1,894,334; Jan. 17.
 Blackboard holder, Outdoor. W. T. Handwerk. 1,928,422; Sept. 26.
 Blackboard surfaces, Method of and apparatus for forming. J. F. Johnson and R. B. Lawton. 1,932,215; Oct. 24.
 Blacking machine. J. F. Cavanaugh. 1,932,395; Oct. 31.
 Blade adjusting mechanism for road machines. W. G. Morse, F. D. Wilson, and H. C. Wuestenberg. 1,906,079; Apr. 25.
 Blade and making same, Gin saw. R. W. McLean. 1,918,770; July 18.
 Blade and mounting, Grubber. F. F. Paris. 1,907,567; May 9.
 Blade clip. H. J. Gaisman. 1,901,830; Mar. 14.
 Blade for road maintainers. W. J. Mattice. 1,894,410; Jan. 17.
 Blade for turbines, Hollow. C. Lorenzen. 1,939,357; Dec. 12.
 Blade for windmill impellers. S. Heath. 1,919,588; July 25.
 Blade grinding machine. J. Schick and D. Nadeau. 1,907,446; May 9.
 Blade holder. W. B. Hay. 1,913,236; June 6.
 Blade holder. W. B. Hay. 1,936,016; Nov. 21.
 Blade holder for tongue depressors. W. J. Cameron. 1,908,010; May 9.
 Blade mounting means, Grubber. F. F. Paris. 1,907,566; May 9.
 Blade propeller, Separable. C. A. Bruchler. 1,926,428; Sept. 12.
 Blade receptacle. E. D. Chadwick. 1,908,115; May 9.
 Blade receptacle. J. Muros. 1,915,834; June 27.
 Blade receptacle. H. H. Wanders. Des. 90,931; Oct. 24.
 Blade rectifier, Vibrating. A. Marianvalle. 1,941,407; Dec. 26.
 Blade ring and producing blade rings. G. L. B. Wahlsten. 1,915,562; June 27.
 Blade ring for elastic fluid turbines. A. Lysholm and G. K. W. Boestad. 1,906,697; May 2.
 Blade ring for radial flow elastic fluid turbines. A. Lysholm. 1,927,944; Sept. 26.
 Blade ring for radial flow elastic fluid turbines and producing same. A. Lysholm and G. K. W. Boestad. 1,916,175; June 27.
 Blade ring structure, Manufacturing. W. J. Delles. 1,901,704; Mar. 14.
 Blade type bit. C. E. Reed. 1,899,771; Feb. 28.
 Blades and making the same, Fine edged. A. R. Stargardter. 1,926,861; Sept. 12.
 Blades, Making tubular turbine. C. Lorenzen. 1,905,944; Apr. 25.
 Blades, Producing beveled. W. H. Bailey. 1,917,353; July 11.
 Blank and envelope, Combined message. R. F. Durán. 1,893,276; Jan. 3.
 Blank conveying apparatus. W. W. Davidson. 1,930,510; Oct. 17.
 Blank cutting machine. P. Kruse. 1,923,937; Aug. 22.
 Blank feeding apparatus. H. J. Hanauer. 1,927,030; Sept. 19.
 Blank feeding mechanism. W. Cameron. 1,935,391; Nov. 14.
 Blank feeding mechanism for gear cutting machines. H. J. White and W. J. Charles. 1,914,347; June 13.
 Blank for and making load bearing members. H. M. Gersman. 1,933,253; Oct. 31.
 Blank for and making metal containers. L. M. Piker. 1,912,915; June 6.
 Blank for forming milk cans. A. E. Steinacher. 1,931,210; Oct. 17.
 Blank for making axle reinforcements. T. V. Buckwalter. 1,906,530; May 2.
 Blank handling apparatus. C. E. Nelson. 1,897,583; Feb. 14.
 Blank, Mounting a. W. R. Bradley and S. Thronsen. 1,910,198; May 23.
 Blank separating and conveying apparatus. W. W. Davidson. 1,930,511; Oct. 17.
 Blank separating and feeding machine. W. W. Davidson. 1,914,849; June 20.
 Blank-threading machine. C. R. Gabriel. 1,914,085; June 13.
 Blanks and similar articles with jumped heads, Manufacture of. M. O. Ruska. 1,903,245; Mar. 28.
 Blanks for envelopes or other paper bags, Apparatus for making. 1,913,119; June 6.
 Blanks for roll threaded bolts and the like, Producing. W. L. Clouse. 1,929,184; Oct. 3.
 Blanks from a hopper, Apparatus for feeding. B. Schweickardt. 1,940,188; Dec. 19.
 Blanks, Mechanism for feeding. H. S. Labombarde. 1,897,484; Feb. 14.
 Blanks, Method of and apparatus for making. W. D. Corlett. 1,911,180; May 30.
 Blanket for printing presses and making the same. T. L. McElroy. 1,924,328; Aug. 29.
 Blanket, Printer's. W. C. Calvert. 1,918,517; July 18.
 Blanket, Printer's. E. C. Schacht. 1,897,864; Feb. 14.
 Blast furnace. A. J. Ebner. 1,924,842; Aug. 29.
 Blast furnace. F. C. Greene. 1,917,968; July 11.
 Blasting cap. J. Barab. 1,895,438; Jan. 31.
 Blasting cap. J. Barab. 1,929,911; Oct. 10.

- Bleaching composition and process. E. H. Manahan and A. C. Johann. 1,894,277; Jan. 17.
 Bleaching compound. C. B. Wood. 1,903,525; Apr. 11.
 Bleaching powder, Producing highly storageproof. M. Jaeger. 1,923,210; Aug. 22.
 Blind. G. Hopp. 1,910,335; May 23.
 Blind bottom rail construction and hanging, Venetian. J. E. Cooper. 1,898,940; Feb. 21.
 Blind channel guide fixture, Venetian. J. E. Cooper. 1,933,709; Nov. 7.
 Blind, Skylight. F. J. Burns. 1,934,696; Nov. 14.
 Blind structure, Flexible. C. Bauer. 1,912,817; June 6.
 Blind tilting mechanism. F. J. Burns. 1,899,180; Feb. 28.
 Blind top rail tilting device, Venetian. J. E. Cooper. 1,933,708; Nov. 7.
 Blind, Venetian. F. J. Burns. 1,905,979; Apr. 25.
 Blind, Venetian. S. S. Levy. 1,929,071; Oct. 3.
 Blind, Venetian. W. L. Smith. 1,914,050; June 13.
 Blinder, Animal. H. Masbruch. 1,912,534; June 6.
 Blinder, Animal. H. Masbruch. 1,925,928; Sept. 5.
 Blinds, Flexible. D. Passoni. 1,910,047; May 23.
 Bloating of earthy materials, Promoting the. S. Q. Lee. 1,903,821; Apr. 18.
 Block: See—
 Automobile block. Hat block.
 Base block. Hoisting block.
 Bench block. Insulated building block.
 Building block. Insulating block.
 Chain block. Load block.
 Clock block. Molded block.
 Concrete joist block. Sanding block.
 Concrete ventilating block. Scotch block.
 Crown block. Snatch-block.
 Cutter-chain block. Structure and structural block.
 Follow block. Test block.
 Friction block. Toy building block.
 Friction clutch block. Toy construction block.
 Furnace block. Tread block.
 Fuse block. Tuyère block.
 Glass polishing block.
 Guide block.
 Block and tackle system. H. J. Hollingsworth. 1,933,553; Nov. 7.
 Block, brick, or tile, Flashing. H. L. Hansberry. 1,910,605; May 23.
 Block for air cooled engines and forming the same, Multicylinder. C. S. Brown. 1,915,119; June 20.
 Block for wells, Bridging. B. H. Davis. 1,904,275; Apr. 18.
 Block for X-ray dental films. F. J. Martin. 1,899,877; Feb. 28.
 Block forming mold. C. H. Rothmann. 1,927,717; Sept. 19.
 Block guard. E. E. Greve. 1,933,011; Oct. 31.
 Block making machine. F. J. Straub, J. M. Marshall, and S. L. Cyphers. 1,936,216; Nov. 21.
 Block making machine, Concrete and like. W. Schäfer. 1,920,716; Aug. 1.
 Block signaling system, Automatic railway. H. D. Abernethy. 1,936,705; Nov. 28.
 Block structure for electric fixtures, Reinforced. J. G. Jackson. 1,901,165; Mar. 14.
 Blocking machine. D. L. Summey. 1,907,896; May 9.
 Blocks in a book-binding machine, Mechanism for transporting section-spacing. O. Müller. 1,921,201; Aug. 8.
 Blocks, Making insulating. W. L. Hodges. 1,921,524; Aug. 8.
 Blocks, Making light weight. E. Huttemann and W. Czernin. 1,932,971; Oct. 31.
 Blocks, Method and apparatus for forming building. H. F. Geist. 1,930,970; Oct. 17.
 Blood transfusion apparatus. J. Grifols y Roig. 1,923,846; Aug. 22.
 Bloomers. R. A. Manny and J. A. Rielly. 1,926,911; Sept. 12.
 Blooms, slabs and billets, Making. H. M. Naugle and A. J. Townsend. 1,908,171; May 9.
 Blotter holder. H. Whitt. 1,919,268; July 25.
 Blow-off valve, Quick opening. E. M. Beebe. Re18,946; Sept. 12.
 Blow-out preventer. W. L. Church. 1,908,221; May 9.
 Blow-out preventer. G. G. Harrington. 1,910,161; May 23.
 Blow-out preventer. W. L. Pearce. 1,910,634; May 23.
 Blow-out preventer. A. J. and K. T. Penick. 1,902,097; Mar. 21.
 Blowout-preventer. R. L. Waxler. 1,912,809; June 6.
 Blow-out preventer. H. P. Wickersham and E. Burns. 1,924,425; Aug. 29.
 Blow out preventer, Fluid pressure operated. J. S. Abercrombie. Re18,874; June 20.
 Blow-out preventer for rotary drilling. F. W. Hild. 1,906,265; May 2.
 Blow-out preventing attachment for casing heads. L. J. Black. 1,899,922; Mar. 7.
 Blow out preventing device and oil saver for drilling rigs. J. C. McNeff and S. Hogan. Re18,948; Sept. 12.
 Blowpipe. F. S. Austin. 1,940,111; Dec. 19.
 Blowpipe. L. Campbell, Jr. 1,920,965; Aug. 8.
 Blower. A. T. Manion. 1,936,557; Nov. 21.
 Blower. H. Meachem. 1,911,200; May 30.
 Blower for air heaters. N. L. Snow and W. P. Thomas. 1,903,650; Apr. 11.
 Blower for Diesel engines, Air inlet. W. B. Skonieczny. 1,936,121; Nov. 21.
 Blower for spinning frames and other machines, Portable. M. G. Smith. 1,940,633; Dec. 19.
 Blower intake for large turbine generators, Stationary. C. M. Laffoon. 1,896,749; Feb. 7.
 Blower mill. J. J. Fischer, G. A. Zorn, and C. J. Harris. 1,934,180; Nov. 7.
 Blower or pump, Reversible rotary. V. A. Kjaer. 1,904,056; Apr. 18.
 Blower, Propeller type. H. F. Schmidt. 1,926,113; Sept. 12.
 Blower unit. R. D. Delamere. 1,923,079; Aug. 22.
 Blower unit, Motor driven. J. M. Cantwell. 1,921,153; Aug. 8.
 Blowing apparatus, Centrifugal. P. E. Good. 1,931,692; Oct. 24.
 Blowing device. W. A. Smith, sr. 1,918,787; July 18.
 Blowing device for pneumatic tools. E. B. Lear. 1,902,562; Mar. 21.
 Blowing device for rock drills. L. C. Bayles. 1,902,536; Mar. 21.
 Blue print rack. A. J. Holm. 1,910,993; May 23.
 Blue printing and finishing machine, Automatic. H. H. Sullivan. 1,924,758; Aug. 29.
 Bluing composition and process. R. S. Phair. 1,921,635; Aug. 8.
 Bluing package. E. G. Goudey. 1,922,085; Aug. 15.
 Board: See—
 Baseball game board. Garment board.
 Book binders' press board. Ironing board.
 Box board. Panel board.
 Cabinet ironing board. Paper board.
 Cedar board. Pin board.
 Cloth board. Pulp board.
 Cloth winding board. Resistance panel board.
 Composition board. Running board.
 Drafting board. Score board.
 Drawing board. Shirt board.
 Fiber board. Sizing and ironing board.
 Fireproof fiber board. Sounding board.
 Fireproof wall board. Spring board.
 Folding lap board. Train board.
 Fuse panel board. Wind board.
 Game board. Writing board.
 Game or puzzle board.
 Board and artificial lumber, Method and apparatus for manufacturing cork. M. Skikata. 1,936,040; Nov. 21.
 Board and making same, Sawdust wood fiber. J. V. Nevin. 1,899,768; Feb. 28.
 Board and making same, Veneered. A. Elmendorf. 1,893,886; Jan. 10.
 Board and producing same, Artificial. F. L. Carson. 1,912,511; June 6.
 Board, Apparatus for making multiply. J. C. Nichols. 1,815,690; June 27.
 Board, Apparatus for manufacturing composition. C. E. Ives. 1,909,583; May 16.
 Board, Apparatus for production of non-warping fiber. W. H. Mason. 1,932,106; Aug. 22.
 Board for shipping cases, Side packing. R. D. White. 1,913,650; June 13.
 Board, Forming asphalt cement ply. S. J. Blum. 1,910,672; May 23.
 Board machine. J. Edge. 1,927,360; Sept. 19.
 Board, Making grooved fibrous. G. C. Snyder. 1,940,106; Dec. 19.
 Board making machine. J. Edge. 1,927,361; Sept. 19.
 Board-making machine, G. H. A. Ruby. 1,933,934; Nov. 7.
 Board panel, Instrument. W. H. Neely. Des. 89,971; May 23.
 Board, Producing cork. R. P. Champney. 1,917,361; July 11.
 Board production, Multiple fiber. W. H. Mason. 1,894,778; Jan. 17.
 Board trim and securing means, Running. T. I. Duffy. 1,901,869; Mar. 21.
 Boards and apparatus therefor, Making. W. A. Darrah. 1,907,046; May 2.
 Boards, Production of nonwarping fiber. W. H. Mason. 1,923,105; Aug. 22.
 Boards to metal framework, Securing. A. Villadsen and J. M. Villadsen. 1,937,177; Nov. 28.
 Boat. O. Cormier. 1,918,093; June 27.
 Boat. B. Dombrády. 1,916,121; June 27.
 Boat. H. W. Hall. 1,917,367; July 11.
 Boat. A. E. Heljesson. 1,898,876; Feb. 21.
 Boat. J. L. Parker. 1,933,593; Nov. 7.
 Boat. J. Pietrzykowski. 1,906,883; May 2.
 Boat. J. M. Wood. 1,901,545; Mar. 14.
 Boat. C. L. Woods. 1,902,006; Mar. 21.
 Boat and aeroplane, Combined. C. E. Band. 1,928,552; Sept. 26.
 Boat and cutting means therefor, Submarine. R. C. Simpson and G. E. Edgar. 1,931,772; Oct. 24.
 Boat and the like, Folding. N. Straussler. 1,937,729; Dec. 5.
 Bont and trailer carrier therefor. G. A. Nelson. 1,899,900; Feb. 28.
 Boat, Apparatus for launching a life. H. F. Petit-Colas. 1,931,432; Oct. 17.
 Boat, Collapsible. A. Horak. 1,932,245; Oct. 24.
 Boat, Collapsible. E. Miller. 1,916,486; July 4.
 Boat construction. R. A. Erskine. 1,897,661; Feb. 14.

- Boat construction. E. Gray. 1,915,160; June 20.
 Boat construction, Metal. P. Pritchard. 1,930,770; Oct. 17.
 Boat davit support. E. B. Greear. 1,897,307; Feb. 14.
 Boat, Farm. W. W. Johnson. 1,929,819; Oct. 10.
 Boat, Flying. F. Kleinhenz. 1,922,769; Aug. 15.
 Boat, Flying. A. Rohrbach. 1,893,908; Jan. 10.
 Boat, Foldable or collapsible. W. E. Elling. 1,895,380; Jan. 24.
 Boat for speed. W. D. Martin. 1,913,605; June 13.
 Boat hoist. W. I. Bowden. 1,900,905; Mar. 14.
 Boat hull and reducing the water friction thereupon. C. de Ganahl and N. O. Robinson. 1,894,256; Jan. 10.
 Boat installation. Motor. J. W. Harvey. 1,900,180; Mar. 7.
 Boat keel. C. T. Ludington. 1,924,871; Aug. 29.
 Boat launching gear. C. Smith. 1,895,011; Jan. 24.
 Boat lowering gear. J. B. Hunt. 1,895,076; Jan. 24.
 Boat, Motor. J. W. Harvey. 1,911,192; May 30.
 Boat, Planing. G. G. Eddy. 1,935,622; Nov. 21.
 Boat propelling means. C. J. Nock. 1,937,907; Dec. 5.
 Boat propelling mechanism. M. W. Thompson. 1,914,901; June 20.
 Boat propelling system. J. Kessler. 1,904,792; Apr. 18.
 Boat, Sail. S. Hoffman. 1,918,543; July 18.
 Boat, Speed. F. J. and H. H. Raulerson. 1,901,357; Mar. 14.
 Boats and other loads, Device for handling. W. Campbell. 1,913,830; June 13.
 Boats, Arrangement in. K. G. Svenson. 1,913,095; June 6.
 Boats, Auxiliary propulsive device for fishing. J. J. Dorsey. 1,899,319; Feb. 28.
 Boats, Corrosion preventing attachment for. H. L. Durham. 1,900,011; Mar. 7.
 Boat, Detachable. J. H. Hammond, jr. 1,908,753; May 16.
 Bobbin. S. G. Malby. 1,926,729; Sept. 12.
 Bobbin. F. Mossberg. 1,924,745; Aug. 29.
 Bobbin and bobbin clutching spindle. W. I. Stimpson. 1,901,538; Mar. 14.
 Bobbin and bobbin reinforcing means. L. C. Baldwin. 1,893,320; Jan. 3.
 Bobbin clutch. G. H. Magrath. 1,895,810; Jan. 31.
 Bobbin clutch. G. H. Magrath. 1,898,553; Feb. 21.
 Bobbin clutch. G. H. Magrath. 1,909,976; May 23.
 Bobbin former. J. L. Lyle. 1,936,516; Nov. 21.
 Bobbin holding device for magazines. R. G. Turner. 1,907,018; May 2.
 Bobbin or spool winding machine. T. C. Hughes. 1,903,261; Mar. 28.
 Bobbin spindle lock. E. J. Edwards. 1,895,707; Jan. 31.
 Bobbin spinning machine for the manufacture of artificial silk. W. Zinselmeyer. 1,924,012; Aug. 22.
 Bobbin stop motion. H. Horworth. 1,920,196; Aug. 1.
 Bobbin stripper. E. A. Terrell. 1,925,062; Aug. 29.
 Bobbin, Textile. C. F. Beran. 1,927,386; Sept. 19.
 Bobbin winding and bunch forming mechanism and method. I. Kellett, N. Armitage, and W. J. Wood. 1,905,910; Apr. 25.
 Bobbin winding device. S. Borletti. 1,912,250; May 30.
 Bobbin-winding machine in combination with spinning frames, Automatic. E. Schweizer. 1,898,501; Feb. 21.
 Bodice or brassiere. Bust. R. L. Kennedy. 1,933,983; Nov. 7.
 Bodies of motor vehicles, Device for rocking the. G. D. Dewey. 1,893,932; Jan. 10.
 Body adjuster for deceased persons. J. J. Thompson. 1,914,468; June 20.
 Body, Automobile. J. R. Hughes. Des. 89,346; Feb. 28.
 Body brace. A. W. Bauman. 1,939,097; Dec. 12.
 Body, Convertible. R. L. Carr. 1,909,168; May 16.
 Body, Detachable. R. E. Smith. 1,896,254; Feb. 7.
 Body exercising apparatus. E. A. Bruder. 1,904,039; Apr. 18.
 Body for a toy wagon. C. C. Blackmore. Des. 90,797; Oct. 3.
 Body for automobiles, Inclosed. G. N. Hein. 1,901,239; Mar. 14.
 Body for motor vehicles. W. H. Bishop and T. P. Colledge. 1,928,003; Sept. 26.
 Body for motor vehicles, Lift. H. A. Frick and F. O. Rouse. 1,919,325; July 25.
 Body for trucks and the like, Dump. H. R. Hanson. 1,921,291; Aug. 8.
 Body having a predominating percentage of tungsten or molybdenum and producing it, Shaped. H. Voigtlander and O. Kaufels. 1,895,950; Jan. 31.
 Body member, Artificial. A. H. Owen. 1,893,714; Jan. 10.
 Body of vehicles, Convertible. W. Hubbard. 1,919,063; July 18.
 Body separating and spacing device. J. Peyser. 1,941,153; Dec. 26.
 Body stripping. E. J. Hoyos. 1,901,908; Mar. 21.
 Body treating table. W. P. Smith. 1,931,999; Oct. 24.
 Body, Vehicle. W. A. Burns. 1,917,824; July 11.
 Body warming device, Electric. W. W. Lillard. 1,918,276; July 18.
 Body waste remover. B. M. Thompson. 1,898,104; Feb. 21.
 Body with detachable containers, Vehicle. J. S. Drewry. 1,919,096; July 18.
 Bogie. E. C. Goebert and T. C. Conlon. 1,899,145; Feb. 28.
 Bogie construction. H. W. Jonkhoff. 1,930,619; Oct. 17.
 Boiler: See—
 Compound boiler. Locomotive super-heater boiler.
 Cross drum boiler. Marine boiler.
 Electric steam boiler. Portable steam boiler.
 Gas boiler. Sectional boiler.
 Heating boiler. Steam boiler.
 High pressure boiler. Steam generating boiler.
 Horizontal combination boiler. Superheater boiler.
 Indirectly heated boiler. Water tube boiler.
 Locomotive boiler.
 Boiler. P. Augustin-Normand. 1,928,981; Oct. 3.
 Boiler. C. W. Brabbée. 1,924,077; Aug. 22.
 Boiler. B. M. Brooks. 1,901,730; Mar. 14.
 Boiler. L. Davidson. 1,908,125; May 9.
 Boiler. P. R. Delling and H. W. Lindemann. 1,937,553; Dec. 5.
 Boiler. H. Dieterlen. 1,933,419; Oct. 31.
 Boiler. W. Doble. 1,903,807; Apr. 18.
 Boiler. J. H. Fox. 1,902,159; Mar. 21.
 Boiler. J. A. Freiday. 1,924,850; Aug. 29.
 Boiler. W. Heagerty. 1,908,605; May 9.
 Boiler. J. F. Kavanagh. 1,896,241; Feb. 7.
 Boiler. D. F. Kilgour. 1,924,209; Aug. 29.
 Boiler. G. Lasker. 1,906,633; May 2.
 Boiler. G. Lasker. 1,914,922; June 20.
 Boiler. C. E. Lucke. 1,908,265; May 9.
 Boiler. C. E. Lucke. 1,913,335; June 6.
 Boiler. W. J. Ma Girl. 1,895,720; Jan. 31.
 Boiler. A. Magis. 1,938,705; Dec. 12.
 Boiler. D. H. Mayo. 1,939,823; Dec. 19.
 Boiler. A. M. Mertzano. 1,925,811; Sept. 5.
 Boiler. W. S. Monroe. 1,903,515; Apr. 11.
 Boiler. T. E. Murray. 1,923,875; Aug. 22.
 Boiler. T. E. Murray. 1,930,688; Oct. 17.
 Boiler. C. Negendank. 1,941,268; Dec. 26.
 Boiler. H. B. Oatley. 1,929,899; Oct. 10.
 Boiler. R. M. Ostermann. 1,924,877; Aug. 29.
 Boiler. J. Rinne. 1,917,664; July 11.
 Boiler. A. M. Rossman and H. C. Heaton. 1,917,275; July 11.
 Boiler. W. B. Simmons. 1,908,547; May 9.
 Boiler. G. A. Stacey. 1,933,229; Oct. 31.
 Boiler. L. E. Stear. 1,892,908; Jan. 3.
 Boiler. O. Thomsen. 1,915,807; June 27.
 Boiler and furnace wall having water walls, Duplex. D. H. N. Mayo. 1,922,665; Aug. 15.
 Boiler and heater, Combination hot-water. S. Fuchs. 1,933,726; Nov. 7.
 Boiler and the like. T. E. Murray. Re18,748; Feb. 28.
 Boiler charging apparatus for fireless locomotive terminals. B. P. Phelps. 1,927,613; Sept. 19.
 Boiler check and stop valve, Double top. C. B. Allen. 1,023,029; Aug. 15.
 Boiler circulator and cleaner. W. D. Bridge. 1,915,484; June 27.
 Boiler cleaner. F. Bowers. 1,923,090; Sept. 26.
 Boiler cleaner. R. W. Cline. 1,933,138; Oct. 31.
 Boiler cleaner. L. F. Cooling and S. F. Cox. 1,928,880; Oct. 3.
 Boiler cleaner. S. F. Cox and J. H. Robertson. 1,896,575; Feb. 7.
 Boiler cleaner. D. E. Hibner, jr., and T. M. Bruback. 1,924,550; Aug. 29.
 Boiler cleaner. C. L. Howse. 1,926,235; Sept. 12.
 Boiler cleaner. F. W. Linaker. 1,901,604; Mar. 14.
 Boiler cleaner. T. E. Purcell. 1,896,593; Feb. 7.
 Boiler cleaner. N. L. Snow. 1,896,565; Feb. 7.
 Boiler cleaner. N. L. Snow. 1,899,793; Feb. 28.
 Boiler cleaner. N. L. Snow. 1,903,486; Apr. 11.
 Boiler cleaner. N. L. Snow. 1,926,248; Sept. 12.
 Boiler cleaner. N. L. Snow and W. P. Thomas. 1,894,297; Jan. 17.
 Boiler cleaner. N. L. Snow, F. Powers, and C. L. Howse. 1,934,828; Nov. 14.
 Boiler cleaner. N. L. Snow and S. F. Cox. 1,934,829; Nov. 14.
 Boiler cleaner. W. P. Thomas. 1,902,736; Mar. 21.
 Boiler cleaner. G. C. Vennum. 1,894,299; Jan. 17.
 Boiler cleaning apparatus. C. Bacher. 1,926,930; Sept. 12.
 Boiler-cleaning apparatus. S. L. Hurd. 1,914,744; June 20.
 Boiler construction. H. M. Jerome. 1,919,164; July 18.
 Boiler construction. T. E. Murray. 1,922,599; Aug. 15.
 Boiler construction. G. Welter. 1,927,327; Sept. 19.
 Boiler construction, Scotch marine. W. G. Johnson. 1,903,313; Apr. 4.
 Boiler control. W. J. Hughes and W. H. Green. 1,916,426; July 4.
 Boiler drum. I. Harter. 1,924,279; Aug. 29.
 Boiler efficiency indicator. G. F. Ericson and J. J. Kolar. 1,934,849; Nov. 14.
 Boiler feed apparatus with exhaust steam preheater. H. Deutsch. 1,903,697; Apr. 11.
 Boiler feed control. O. F. Carlson. 1,934,486; Nov. 7.
 Boiler feed system. F. Wagner. 1,936,545; Nov. 21.
 Boiler feedwater heater. J. N. and S. L. Wyndham. 1,928,085; Sept. 26.
 Boiler for use in the exhaust pipe of an internal combustion engine. S. Vernet. 1,937,176; Nov. 28.
 Boiler furnace. S. W. Allen. 1,907,940; May 9.
 Boiler furnace. C. W. Gordon. 1,896,233; Feb. 7.
 Boiler furnace. J. C. Hobbs. 1,926,773; Sept. 12.

- Boiler having a large heating surface and particularly adapted for locomotives, High-pressure. H. Nyffenegger. 1,939,787; Dec. 19.
- Boiler heated by gases from Diesel engines or the like, Waste heat. L. M. Bakestraw. 1,925,646; Sept. 5.
- Boiler heater. M. Iannone. Des. 90,868; July 25.
- Boiler installation, Enlarged. W. H. Armacost. 1,912,169; May 30.
- Boiler mud ring structure. G. M. Wilson. 1,918,363; July 18.
- Boiler return and vacuum trap. S. C. Knefel. 1,922,164; Aug. 15.
- Boiler return and vacuum trap. S. C. Knefel. 1,934,196; Nov. 7.
- Boiler return and vacuum trap. S. F., R., C., and E. Knefel. 1,920,510; Aug. 1.
- Boiler return trap. V. Fina. 1,906,052; Apr. 25.
- Boiler stand. L. W. Luff. 1,931,584; Oct. 24.
- Boiler structure, Locomotive. J. A. Fischer. 1,940,696-7; Dec. 26.
- Boiler structure, Steam. J. E. Muhlfield. 1,901,465; Mar. 14.
- Boiler superheater, Adjustable. W. A. Jones. 1,929,532; Oct. 10.
- Boiler system, Steam. W. M. Ryan and C. B. Faverty. 1,915,166; June 20.
- Boiler wall. T. E. Murray. 1,906,710; May 2.
- Boiler washing and filling system. F. W. Miller. 1,916,276-7; July 4.
- Boiler water control. B. Burns and H. B. Lewis. 1,905,142; Apr. 25.
- Boiler waters, Method and apparatus to control the concentration of. G. H. Karlsteen. 1,938,072; Dec. 5.
- Boiler with interdeck superheater. H. J. Kerr and W. A. Jones. 1,906,125; Apr. 25.
- Boiler with multiple superheaters. G. P. Jackson. 1,941,354; Dec. 26.
- Boiler with reheater. W. H. Armacost. 1,931,948; Oct. 24.
- Boiler with superheater, Steam. C. E. Lucke. 1,934,724; Nov. 14.
- Boiler with tubes, Mercury. J. Prentice. 1,911,037; May 23.
- Boiler with water wall tubes. D. S. Jacobus. 1,935,635; Nov. 21.
- Boilers and similar apparatus, Heating steam. E. Koene-mann. 1,916,172; June 27.
- Boilers, Automatic draft regulating device for. W. Blas-berg. 1,938,619; Dec. 12.
- Boilers, Blow-off deheater for. E. P. Brock. 1,924,733; Aug. 29.
- Boilers, Device for improving the circulation of water tube. E. H. Barry. 1,940,070; Dec. 19.
- Boilers generating steam of high pressure, Device for feeding steam. H. Hähle and G. A. Brenz. 1,933,853; Nov. 7.
- Boilers, Making. G. C. Waffer. 1,934,021; Nov. 7.
- Boilers, Tube for mercury. H. J. Kerr. 1,919,334; July 25.
- Bolt breaker, Impact. J. E. Mitchell. 1,916,125; June 27.
- Bolster and stake construction. W. A. Baldwin. 1,893,878; Jan. 10.
- Bolster bearing device. T. H. Symington. 1,921,894; Aug. 8.
- Bolster, Car truck. G. T. Johnson and H. W. Stertzbach. 1,936,717; Nov. 28.
- Bolster for flatware or the like. L. Berk. Des. 90,832; Oct. 10.
- Bolster, Logging. H. H. Linn. 1,895,387; Jan. 24.
- Bolt. R. Sardeson. 1,894,708; Jan. 17.
- Bolt and application thereof. L. J. A. Trudeau. 1,895,826; Jan. 31.
- Bolt and nut, Self locking. W. P. Smith. 1,898,907; Feb. 21.
- Bolt construction. W. E. Ingham. 1,909,964; May 23.
- Bolt construction, Stay. A. W. Bruce. 1,893,017; Jan. 3.
- Bolt cutter and punch. C. C. Hansen. 1,897,514; Feb. 14.
- Bolt, Rail. H. C. Graham. 1,935,206; Nov. 14.
- Bolt, Self-locking. T. A. Kirton. 1,902,454; Mar. 21.
- Bolt, Self-locking. T. A. Kirton. 1,929,116; Oct. 3.
- Bolt threads, Device for gauging. P. Nichterlein. 1,896,828; Feb. 7.
- Bolts, Forming. S. H. Campbell and F. K. Habemicht. 1,896,837; Feb. 7.
- Bolts, Manufacture of. J. F. Fieg. 1,905,084; Apr. 25.
- Bolts, screws, and the like, Manufacture of. L. S. Bur-bank. 1,921,654; Aug. 8.
- Bomb, Aerial. G. C. Anderson. 1,903,348; Apr. 4.
- Bomb, Aerial. G. H. Hedrick. 1,917,263; July 11.
- Bomb, Practise. H. E. Halland. 1,920,257; Aug. 1.
- Bomb rack and control. A. S. Halsey. 1,893,232; Jan. 3.
- Bomb sight. P. E. Fagerholm. 1,893,542; Jan. 10.
- Bomb sight and pilot director. M. F. Bates. 1,919,191; July 25.
- Bomb, Vapor pressure. H. L. Smith. 1,919,346; July 25.
- Bombs and other heavy bodies on and releasing them from aircraft, Device for carrying. J. Friteson and A. Viksne. 1,913,708; June 13.
- Bon-bons and the like, Machine for stamping soft knead-able masses into. H. Thürlings. 1,920,445; Aug. 1.
- Bonded restricted joint. L. M. Young. 1,931,311; Oct. 17.
- Bonding clamp. B. B. Legg. 1,910,022; May 23.
- Bone spike or peg. J. F. Sloan. 1,933,825; Nov. 7.
- Book. R. M. Gunnison. 1,899,958; Mar. 7.
- Book. D. H. Parsons. 1,824,224; Jan. 10.
- Book. L. E. Woodward. 1,913,320; June 6.
- Book and bookbinding. W. E. Elliott. 1,926,477; Sept. 12.
- Book and making same. A. L. Grammer. 1,938,959; Dec. 12.
- Bookbinder, Check. J. C. Dawson. 1,894,735; Jan. 17.
- Bookbinder, Ring. J. C. Dawson. 1,894,734; Jan. 17.
- Book binders' press board. J. W. Duffy. 1,911,110; May 23.
- Bookbinding. F. G. Bolton. 1,908,109; May 9.
- Bookbinding. H. Tolchinsky. 1,908,083; May 9.
- Book, Blank. W. R. Hotchkiss. 1,918,474; July 18.
- Book construction. M. F. Kennedy. 1,912,710; June 6.
- Book, Correspondence. L. F. Urbain. 1,941,236; Dec. 26.
- Book cover. M. Reiss. 1,904,532; Apr. 18.
- Book cover folding machine. F. R. Glass. 1,898,123; Feb. 21.
- Book, Display. L. Stein. 1,912,735; June 6.
- Book, Double memorandum. K. M. Petrick. 1,913,818; June 13.
- Book end. R. D. Barrett. Des. 90,432; Aug. 8.
- Book end. K. H. Roy and R. R. Sweeney. Des. 89,576; Apr. 4.
- Book-end. V. M. Spurr. 1,912,229; May 30.
- Book-end holder, Adjustable. E. Oldenbusch, jr. 1,923,996; Aug. 22.
- Bookholder. H. Anderson. 1,893,976-7; Jan. 10.
- Bookholder. D. Busby. 1,928,926; Oct. 3.
- Bookholder. G. J. Flanagan. 1,902,549; Mar. 21.
- Bookholder. F. C. Landsittel. 1,916,576; July 4.
- Bookholder. R. Nelson and G. Johnson. 1,926,698; Sept. 12.
- Bookholder. J. E. Newberg. 1,922,215; Aug. 15.
- Bookholder. A. R. Ruddell. 1,930,844; Oct. 17.
- Bookholder. E. J. Sithens. 1,898,906; Feb. 21.
- Bookholder, Adjustable. F. J. Marsegia. 1,938,528; Dec. 5.
- Bookholder and table. C. H. White. 1,899,404; Feb. 28.
- Book-holding device. L. M. Webber. 1,916,591; July 4.
- Bookkeeping machine. W. A. Anderson. 1,912,168; May 30.
- Bookkeeping machine. B. Bornkessel, E. Breitling, W. Brauer, and K. A. Lehmann. 1,896,936; Feb. 7.
- Bookkeeping machine. J. G. Dunker. 1,901,153; Mar. 14.
- Bookkeeping machines, Debit and credit shift mechanism for. W. A. Anderson. 1,922,653; Aug. 15.
- Bookkeeping machines, Operating. C. J. Walker. 1,897,347; Feb. 14.
- Book, Loose leaf. A. Felder. 1,900,601; Mar. 7.
- Book, Loose-leaf. K. Handler. 1,939,895; Dec. 19.
- Book, Loose leaf memorandum. C. B. Irving. 1,905,097; Apr. 25.
- Book, Loose leaf record. E. C. and E. Hazel, jr. 1,925,719; Sept. 5.
- Bookmaking machine attachment. B. Levine. 1,904,645; Apr. 18.
- Book, Manifold. E. K. Bottle. 1,905,893; Apr. 25.
- Book, Manifold sales. A. R. Lawson. 1,912,717; June 6.
- Bookmark. W. T. Dempsey. 1,894,533; Jan. 17.
- Bookmark. M. Domenego. 1,898,429; Feb. 21.
- Bookmark. S. A. Miner. 1,933,747; Nov. 7.
- Bookmark. R. N. Royle. Des. 89,073; Jan. 17.
- Bookmark. R. N. Royle. Des. 89,142; Jan. 31.
- Bookmark. E. Scognamillo. 1,937,442; Nov. 28.
- Bookmark. M. Warshay. 1,914,001; June 13.
- Bookmark. F. F. Wulok. 1,919,971; July 25.
- Bookmarker. C. A. Charbenau. 1,894,941; Jan. 24.
- Bookmarker and filing card. P. L. Bush and W. R. King. 1,921,213; Aug. 8.
- Book match machines, Turning mechanism for. L. E. Parker. 1,897,508; Feb. 14.
- Book, pad, and tablet, and line ruler therefor. P. H. Kauf-mann. 1,901,246; Mar. 14.
- Book rest and stand, Combination. M. Isaacson. 1,898,666; Feb. 21.
- Book sectioner. G. Baker. 1,901,137; Mar. 14.
- Bookstand. S. Freeman. 1,910,207; May 23.
- Book stitching and folding machine. W. G. Reynolds. 1,937,979; Dec. 5.
- Book stitching machines, Throat plate for. C. Schramm. 1,915,551; June 27.
- Book stock washer. G. G. McArthur. 1,904,066; Apr. 18.
- Book support. T. A. Doherty. 1,897,305; Feb. 14.
- Book support. P. La Delfa. Des. 90,490; Aug. 15.
- Book support. C. L. Sequest. Des. 90,601; Aug. 29.
- Book support and reading stand, Adjustable. M. Woodley. 1,923,351; Aug. 22.
- Book, Visible index record. J. L. McMillan. 1,927,802; Sept. 19.
- Books and the like, Facilitating reference to and read-ing of. H. A. Thomson. 1,936,489; Nov. 21.
- Books, Construction of. C. A. Shuss. 1,897,024; Feb. 7.
- Books, Making. C. E. Gale. 1,897,839; Feb. 14.
- Boom attachment for tractors. M. Berg. 1,925,169; Sept. 5.
- Boom for cranes, Extension. C. E. and J. A. Forsythe. 1,920,370; Aug. 1.
- Boom, Laterally shifting digging. H. H. Barber. 1,916,247; July 4.
- Room yarder. R. S. Langdon. 1,918,409; July 18.
- Booster. J. E. Ludwig. 1,916,323; July 4.

- Booster. R. P. Wagner. 1,904,181; Apr. 18.
Booster for loose leat ring books. J. Schade. 1,918,567; July 18.
Booster for well pumps. H. R. Standlee. 1,906,933; May 2.
Booster motor controlling mechanism. M. H. Roberts. 1,939,277; Dec. 12.
Boot and constructing same, Molded pac type. A. A. Glidden and T. M. Knowland. 1,899,754; Feb. 28.
Boot, etc. J. F. Sapluk. 1,927,420; Sept. 19.
Boot, Cold air. B. J. Mancuso. 1,920,092; July 25.
Boot, Crepe rubber. E. and E. B. Isaksson and M. A. Paulsson. 1,926,625; Sept. 12.
Boot, Fertilizer. H. R. Traphagen. 1,905,767; Apr. 25.
Boot for universal joints, Flexible. H. D. Geyer. 1,922,431; Aug. 15.
Boot hook. T. F. Hammer. Des. 89,558; Mar. 28.
Boot, Horse. V. Meyer. 1,899,471; Feb. 28.
Bootjack, Foldable. R. P. Gerfen. 1,893,280; Jan. 3.
Boot or shoe. W. Kelley. 1,938,393; Dec. 5.
Boot or shoe, Orthopedic. A. Lettermann. 1,930,355; Oct. 10.
Boot, Rubber. G. L. Van Dinter and C. Ferrettie. 1,912,417; June 6.
Boot top, shoe top, and shoe tongue top, Curved. W. S. White. 1,897,349; Feb. 14.
Boot tree. F. R. Maier. 1,902,251; Mar. 21.
Boots and shoes, Antislipping projection for. W. H. Bird. 1,922,924; Aug. 15.
Boots and shoes, Apparatus for finishing. A., jr., and A. Cocozella. 1,912,825; June 6.
Boots and shoes from lasts, Apparatus for removing. C. E. Rowe. 1,938,465; Dec. 5.
Boots and shoes, Manufacture of. H. Warren. 1,921,058; Aug. 8.
Boots and shoes, Method and machine for use in the manufacture of. G. Goddu and L. S. Macdonald. 1,914,416; June 20.
Boots or shoes, Manufacturing. C. H. Daniels. 1,919,464; July 25.
Booth for restaurants. H. Charnin. Des. 89,334; Feb. 28.
Booth, Portable refreshment. E. M. Gerould. 1,921,251; Aug. 8.
Booth, Portable refreshment. J. P. Spang. 1,928,508; Sept. 26.
Booth, Protected teller's. I. L. Thomas. 1,893,459; Jan. 3.
Booth, Protection. J. W. Moore. 1,916,524; July 4.
Booth, Soundproof. W. R. Foltz. 1,908,661; May 9.
Booth, Telephone. G. S. Faber. 1,929,776; Oct. 10.
Borax from ore, Extracting. T. M. Cramer. 1,940,118; Dec. 19.
Borax manufacturing process. H. L. Robson. 1,929,902; Oct. 10.
Border and panel connecting machine. O. Council, J. W. Beatty and R. O. Baker. 1,893,131; Jan. 3.
Border-printing frame, Photographic. M. D. Hanson. 1,929,816; Oct. 10.
Bore holds, Making. C. J. G. Aarts and J. A. A. Mekel. 1,898,926; Feb. 21.
Bore hole survey device. W. E. Gilbert. 1,912,768; June 6.
Bore hole surveying apparatus. A. Anderson. 1,903,969; Apr. 18.
Bore holes, Method and apparatus for exploring. J. C. Karcher. 1,927,664; Sept. 19.
Bore straightening tool, Well. M. J. Lewis. 1,902,174; Mar. 21.
Boring and turning machine. H. Vogler. 1,899,124; Feb. 28.
Boring apparatus, Deep. B. Rühl. 1,934,329; Nov. 7.
Boring device for cigars and the like. F. J. Englen. 1,911,271; May 30.
Boring tool. W. Bartels. 1,931,882; Oct. 24.
Boring tool. C. F. Hotchkiss, jr. 1,910,768; May 23.
Boring tool. J. F. McGrath. 1,940,220; Dec. 19.
Boring tool fixture. E. P. Mooers. 1,936,786; Dec. 19.
Boric acid, Manufacture of. A. Kelly. 1,918,110; July 11.
Boric anhydride as boric acid from colemanite or the like, Production of. T. M. Cramer and G. A. Connell. 1,927,013; Sept. 19.
Boric anhydride, as boric acid, from minerals containing both alkali and alkaline earth metals, Production of. T. M. Cramer and G. A. Connell. 1,927,014; Sept. 19.
Borneol from pine oil, Separating. L. T. Smith. 1,915,388; June 27.
Boron carbide and making the same. R. R. Ridgway. 1,897,214; Feb. 14.
Borton trifluoride, Preparing. M. Hardtmann, W. Schepss, and E. Tietze. 1,898,532; Feb. 21.
Bottle. G. W. Aiken. Des. 91,183; Dec. 12.
Bottle. D. B. Barrows. Des. 90,830; Oct. 10.
Bottle. L. Borokoff. Des. 90,433; Aug. 8.
Bottle. S. de Vaulchier. Des. 90,464; Aug. 8.
Bottle. E. H. Fabrice. Des. 89,632; Apr. 18.
Bottle. E. W. Fuerst. Des. 89,237; Feb. 7.
Bottle. E. W. Fuerst. Des. 89,300; Feb. 21.
Bottle. E. W. Fuerst. Des. 90,023; May 30.
Bottle. E. W. Fuerst. Des. 90,069; June 6.
Bottle. E. W. Fuerst. Des. 90,650; Sept. 12.
Bottle. C. A. Fulle, jr. Des. 89,257; Feb. 14.
Bottle. G. T. Gibson. Des. 91,169; Dec. 12.
Bottle. J. H. R. Grant. Des. 91,237; Dec. 26.
Bottle. A. Gluckman. Des. 90,760; Sept. 26.
Bottle. L. P. Grey. Des. 90,029; May 30.
Bottle. J. F. Infield. Des. 90,619-20; Sept. 5.
Bottle. E. H. Jacobsohn. Des. 91,071; Nov. 21.
Bottle. J. M. Kennedy. 1,938,430; Dec. 5.
Bottle. F. T. Kessler. Des. 91,033; Nov. 14.
Bottle. R. K. McManamy. Des. 91,245-6; Dec. 26.
Bottle. W. D. Miller. Des. 88,977; Jan. 10.
Bottle. W. A. Nester. Des. 89,786; May 2.
Bottle. F. W. Nitardy. Des. 91,080; Nov. 21.
Bottle. W. F. Popp. Des. 90,047; May 30.
Bottle. A. K. Shults. 1,897,736; Feb. 14.
Bottle. F. Smith. Des. 90,216; June 27.
Bottle. W. E. Wilson. Des. 89,141; Jan. 31.
Bottle and cap, Combination of ink. H. F. Soper. Des. 90,962; Oct. 31.
Bottle and cap therefor. A. C. Eckard. 1,930,162; Oct. 10.
Bottle and other containers, Paper. W. L. Wright. 1,898,112; Feb. 21.
Bottle and stopper, Combined. F. R. Tourtois. Des. 90,093; June 6.
Bottle, Antidrip. C. O. Swanson. 1,929,221; Oct. 3.
Bottle attachment. A. W. Perkins and J. D. François. 1,916,115; June 27.
Bottle attachment, Hot water. J. B. Crapo. 1,894,161; Jan. 10.
Bottle attachment, Milk. C. A. Hansen. 1,910,013; May 23.
Bottle base shoe. J. A. Gluckert. 1,907,293; May 2.
Bottle-blowing machine. J. W. Harding. 1,927,438; Sept. 19.
Bottle brushing apparatus. J. R. Gruetter. 1,916,568; July 4.
Bottle cap. F. W. Norton. 1,936,436; Nov. 21.
Bottle cap. A. H. Warth. 1,928,987; Oct. 3.
Bottle cap. F. J. Wempe. 1,894,504; Jan. 17.
Bottle cap. W. Zaloschan. 1,914,766; June 20.
Bottle cap and applicator, Combined. H. R. Van Kirk. 1,925,885; Sept. 5.
Bottle cap and liner therein and method of assembly. A. L. Merolle. 1,937,492; Nov. 28.
Bottle cap lifter. R. D. Schnoor. Des. 89,924; May 16.
Bottle cap remover. A. Anschutz. 1,894,261; Jan. 17.
Bottle cap retainer and making same. C. A. MacCordy. 1,917,946; July 11.
Bottle cap sealing device. J. A. Martin. 1,940,721; Dec. 26.
Bottle capper. H. J. Lebherz. 1,903,822; Apr. 18.
Bottle capper. H. J. Lebherz. 1,932,414; Oct. 31.
Bottle capper. H. G. Rice. 1,904,328; Apr. 18.
Bottle capper. W. W. Weaver and M. E. Patton. 1,931,943; Oct. 24.
Bottle capping apparatus. B. F. Davis. 1,931,433; Oct. 17.
Bottle capping attachment. J. J. Gaynor. 1,933,551; Nov. 7.
Bottle capping machine. B. F. Davis and W. H. Riedel. 1,931,434-5; Oct. 17.
Bottle capping machine. H. A. Harder. 1,919,060; July 18.
Bottle capping machine. G. J. Meyer. 1,915,067; June 20.
Bottle capping machine feeding attachment. H. L. Compton. 1,925,951; Sept. 5.
Bottle capping mechanism. L. J. Maringer. 1,912,906; June 6.
Bottle caps, Manufacturing wire pull. F. O'Neill, jr., and A. R. Burns. 1,927,183; Sept. 19.
Bottle caps of varying thickness, Attachment for serving. H. L. Compton. 1,925,950; Sept. 5.
Bottle carrier. C. A. Carlson. 1,913,230; June 6.
Bottle carrier, Metal. P. Vignos. 1,904,019; Apr. 18.
Bottle centering and capping machine. H. L. Compton. 1,935,141; Nov. 14.
Bottle cleaning apparatus. J. R. Gruetter. 1,939,048; Dec. 12.
Bottle cleaning device. J. A. Kopnick. 1,921,680; Aug. 8.
Bottle cleansing and washing machine. J. Newsome. 1,910,931; May 23.
Bottle closure. J. P. Burke. 1,938,373; Dec. 5.
Bottle closure. J. Gutmann. 1,916,977; July 4.
Bottle closure. A. F. Hoffman. 1,923,091; Aug. 22.
Bottle closure. W. G. Laidlaw. 1,914,208; June 13.
Bottle closure. G. Marcum. 1,912,084; May 30.
Bottle closure. A. H. Warth. 1,900,963; Mar. 14.
Bottle closure. A. H. Warth. 1,901,682; Mar. 14.
Bottle closure assembling machine. B. Nagy. 1,931,294; Oct. 17.
Bottle closure with means for removing the paper seals. R. Hagebusch. 1,895,759; Jan. 31.
Bottle collar. L. F. Neher. Des. 89,072; Jan. 17.
Bottle conveying and cooling machine. A. F. Tremblay. 1,894,576; Jan. 17.
Bottle crown cap feeder. B. Nagy. 1,932,529; Oct. 31.
Bottle crowner, Single automatic rotary. J. J. Gaynor. 1,910,327; May 23.
Bottle, Culture. R. M. Halbach. 1,904,222; Apr. 18.
Bottle display rack. H. E. Kvapil. 1,913,033; June 6.
Bottle filler. J. M. Key. 1,912,278; May 30.
Bottle filler. R. T. Salisbury. 1,927,505; Sept. 19.
Bottle filling and capping machine, Combined. J. Grandinetti. 1,917,796; July 11.
Bottle filling and crowning machine. J. W. Flower. 1,941,168; Dec. 26.

- Bottle filling machine. A. R. Reynolds. 1,901,335; Mar. 14.
- Bottle filling machine. A. R. Reynolds. 1,921,244; Aug. 8.
- Bottle filling machine and method. F. W. Müller. 1,919,665; July 25.
- Bottle filling valve. J. Kantor. 1,926,542; Sept. 12.
- Bottle for well surveying. Acid. E. H. Zeitfuchs and H. N. Herrick. 1,892,922; Jan. 3.
- Bottle handling apparatus. J. R. Gruetter. 1,940,647; Dec. 19.
- Bottle handling apparatus. F. W. Rickers. 1,898,393; Feb. 21.
- Bottle handling device. J. Brown. 1,896,438; Feb. 7.
- Bottle handling machine. J. Hauk. 1,901,596; Mar. 14.
- Bottle holder. A. Grobard. 1,909,269; May 16.
- Bottle hood. Milk. W. H. Orem. 1,900,127; Mar. 7.
- Bottle hot water. L. A. Laursen. 1,933,441; Oct. 31.
- Bottle, Inhaling. T. B. Stephenson. 1,897,403; Feb. 14.
- Bottle, Ink. A. Blenestein. 1,932,765; Oct. 31.
- Bottle, Ink. W. W. Bissell. 1,925,476; Sept. 5.
- Bottle, Ink. B. B. Hauser. 1,896,405; Feb. 7.
- Bottle inspecting device, Mechanical. C. G. Twohy. 1,926,466; Sept. 12.
- Bottle labeling machine. J. O. Fenner. 1,922,577; Aug. 15.
- Bottle lock. F. W. Rettenmeyer. 1,937,295; Nov. 28.
- Bottle, Nonrefillable. S. Grauer. 1,934,058; Nov. 7.
- Bottle, Nursing. M. H. Block. 89,252; Feb. 14.
- Bottle, Nursing. C. H. Speir. 1,913,531; June 13.
- Bottle, Nursing. C. H. Speir. 1,938,052; Dec. 5.
- Bottle or similar article. L. Lelong. Des. 90,196; June 27.
- Bottle or similar article. W. F. Straub and E. W. Fuerst. Des. 89,223; Feb. 7.
- Bottle or similar article, Vacuum pressure. W. F. Westerland. Des. 90,132; June 13.
- Bottle or the like. A. Del Monico. Des. 91,167; Dec. 12.
- Bottle or the like. P. H. Schoppel. Des. 90,342-3; July 18.
- Bottle package. Combination. E. H. Lackaye. Des. 91,073; Nov. 21.
- Bottle, Paper. A. Bodor. 1,912,884; June 6.
- Bottle, Paper. R. Oliver. 1,918,925; July 18.
- Bottle, Perfume. R. Tricard. Des. 90,558; Aug. 22.
- Bottle protector and heat insulator. A. L. Humboldt. 1,939,777; Dec. 19.
- Bottle receiver, Milk. C. B. Oster and H. Rainey. 1,900,729; Mar. 7.
- Bottle receiving and coin dispensing device. H. Olsen. 1,901,528; Mar. 14.
- Bottle rinsing mechanism. J. R. Gruetter. 1,904,685; Apr. 18.
- Bottle shipping container, Milk. C. A. Snyder. 1,934,453; Nov. 7.
- Bottle spout, Milk. C. E. Slaughter. Des. 90,425; Aug. 1.
- Bottle stopping liquid lifter and dispenser. E. C. Wood. 1,920,335; Aug. 1.
- Bottle, Tiltable fountain. F. Staats. 1,906,493; May 2.
- Bottle transferring mechanism. J. P. Benoit. 1,915,972; June 27.
- Bottle washer. F. B. Horton. 1,897,052; Feb. 14.
- Bottle washer. A. E. Ladewig and G. F. Soelch. 1,911,370; May 30.
- Bottle-washing apparatus. A. J. Davis. 1,906,548; May 2.
- Bottle washing device. C. Herzog. 1,893,498; Jan. 10.
- Bottle washing machine. A. E. Ladewig and G. F. Soelch. 1,906,974; May 2.
- Bottle washing machine. G. L. Otto. 1,913,947; June 13.
- Bottle washing machine. F. P. Perkins. 1,923,743; Aug. 22.
- Bottle washing machine. R. J. Wynne and P. H. Meyer. 1,934,247; Nov. 7.
- Bottling machine. J. W. Flower. 1,935,115; Nov. 14.
- Bottom for boiler furnaces. A. J. Boynton. 1,937,940; Dec. 5.
- Bottom for containers, Adjustable. B. J. Davidson. 1,940,848; Dec. 26.
- Bottom for reaction towers. A. Löhr and K. Gebhardt. 1,910,027; May 23.
- Bottom for slag tap furnaces. B. E. Broadwell. 1,940,115; Dec. 19.
- Bottom for upholstered chairs, box springs, automobile seats, couches, etc., Resilient. J. Kronheim. 1,918,760; July 18.
- Bottom for upholstered furniture, Resilient. J. Kronheim. 1,918,761; July 18.
- Bottoms, pans, and the like to cage structures, Attaching. E. W. Little. 1,926,491; Sept. 12.
- Bourdon tube for pressure gauges, liquid expansion thermometers, and other instruments. H. W. Ibbott. 1,913,239; June 6.
- Box. E. D. Stroup. 1,932,195; Oct. 24.
- Box and arrow construction. W. M. and F. G. Folberth. 1,926,845; Sept. 12.
- Box for hat bands or the like, Decorative. S. F. Bauwens. 1,900,481; Mar. 7.
- Box for stringed musical instruments. L. M. Allison. 1,912,961; June 6.
- Box. D. A. Jenkins. Des. 89,307; Feb. 21.
- Bowl and clean-out construction therefor, Water closet. S. Krinsky. 1,922,961; Aug. 15.
- Bowl and spindle connections for centrifugal liquid separators. J. M. Edwards and H. R. Dülger. 1,896,665; Feb. 7.
- Bowl, Centrifugal. G. J. Strezynski. 1,916,870; July 4.
- Bowl, Centrifugal separating. O. E. Fröding. 1,935,117; Nov. 14.
- Bowl, Centrifugal separator. G. J. Strezynski. 1,893,005; Jan. 3.
- Bowl construction, Closet. C. R. Winstanley. 1,929,131; Oct. 3.
- Bowl, Cracker. G. L. Tillotson. 1,931,908; Oct. 24.
- Bowl, Fish. S. J. Carnes. Des. 90,646-7; Sept. 12.
- Bowl, Fish. S. Janis. Des. 90,032; May 30.
- Bowl for a coffee maker, Top. A. F. Fukal. Des. 90,027; May 30.
- Bowl for semiindirect illumination, Glass. G. Ainsworth. Des. 89,327; Feb. 28.
- Bowl-holder for melted solder. R. McClarkey. 1,924,451; Aug. 29.
- Bowl, Mixing. J. E. Marsden. 1,893,628; Jan. 10.
- Bowl or article of analogous nature, Sugar. H. Negbauer. Des. 89,531; Mar. 21.
- Bowl or similar article. H. Moller. Des. 90,375; July 25.
- Bowl or similar article. S. Slesinger. Des. 89,360; Feb. 28.
- Bowl or similar article, Sugar. C. B. Ilgenfritz. Des. 89,561; Mar. 28.
- Bowl or similar article, Sugar. C. Kaiser. Des. 89,195; Feb. 7.
- Bowl or similar article, Vegetable. J. M. Miller. Des. 91,075; Nov. 21.
- Bowl, Spudless closet. M. D. Helfrich. Des. 89,343; Feb. 28.
- Bowl, Toilet. J. H. Bennett. 1,894,846; Jan. 17.
- Bowls. Arrangement in connection with centrifugal N. E. Bernger. 1,917,422; July 11.
- Bowls, Forming interiorly figured vitreous. A. Jenkins. 1,937,346; Nov. 28.
- Bowling alley. H. K. Hess. 1,893,412; Jan. 3.
- Bowling alley. H. K. Hess. 1,899,442; Feb. 28.
- Bowling alley, Mechanical. F. M. Berkley. 1,926,258; Sept. 12.
- Bowling alley, Portable. A. H. Dunlap. 1,921,734; Aug. 8.
- Bowling alley, Self-service. H. K. Hess. 1,899,441; Feb. 28.
- Bowling. Apparatus for use in. R. R. Cone. 1,911,436; May 30.
- Bowling ball. E. M. T. Ryder. 1,897,714; Feb. 14.
- Bowling ball rack. P. Skrlac and J. Budnik. 1,900,469; Mar. 7.
- Bowling game apparatus. J. Cuchran. 1,919,094; July 18.
- Box: See—
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| Annealing box. | Locomotive driving box. |
| Axle box. | Locomotive fire box. |
| Berry box. | Locomotive smoke box. |
| Candy box. | Lunch box. |
| Cardboard box. | Mail box. |
| Change speed gear box. | Match box. |
| Cigar box. | Metal rough box. |
| Cigarette and match box. | Meter box. |
| Clapper box. | Miter box. |
| Clothespin box. | Mortar box. |
| Coil box. | Multiple junction box. |
| Coin box. | Newspaper box. |
| Collapsible box. | Oscillating suction box. |
| Collapsible paper box. | Outlet box. |
| Compartment box. | Packing and display box. |
| Composite box. | Packing box. |
| Conduit box. | Panel box. |
| Core box. | Paper box. |
| Direct connection box. | Paper flower box. |
| Dispensing and display box. | Pasteboard box. |
| Display box. | Picture display box. |
| Dummy display box. | Pilling box. |
| Easel box. | Polish rod stuffing box. |
| Electrical junction box. | Radio junction box. |
| Exhaust box. | Railway journal box. |
| Fare box. | Razor blade box. |
| Feed box. | Reinforced box. |
| Fiberboard box. | Resonance box. |
| Fire box. | Sand box. |
| Fishing tackle box. | Screen box. |
| Flexible joint packing box. | Service box. |
| Floor box. | Set-up box. |
| Folding box. | Shipping and display box. |
| Folding paper box. | Shoe shine box. |
| Fuel box. | Skid box. |
| Fuse box. | Sluice box. |
| Guarded fruit box. | Spinning box. |
| Hat box. | Spout equipped box. |
| Hat storage box. | Storing box. |
| Jewelry box. | Stuffing box. |
| Journal box. | Tackle box. |
| Junction box. | Tool box. |
| Knockdown box. | Tote box. |
| Laminated box. | Valve box. |
| Letter box. | Vanity box. |
| Locked box. | Wash box. |
- Box. R. L. Bangs and W. A. Hermanson. 1,904,400; Apr. 18.
- Box. P. F. Boeye. 1,925,298; Sept. 5.
- Box. P. F. Boeye. 1,928,660; Oct. 3.
- Box. M. K. Breslauer. 1,898,654; Feb. 21.
- Box. W. O. Brown. 1,927,275; Sept. 19.

- Box. L. J. Golden. 1,929,490; Oct. 10.
 Box. D. R. Gooding. 1,898,177-8; Feb. 21.
 Box. J. F. Halladay. 1,911,953; May 30.
 Box. H. Hansen. 1,917,115; July 4.
 Box. P. G. Hudson. Des. 89,891; May 16.
 Box. R. M. Lackey. 1,940,309; Dec. 19.
 Box. E. G. Levkoff. Des. 90,720; Sept. 19.
 Box. H. Lubin. 1,900,828; Mar. 7.
 Box. D. W. Mabey. 1,928,297; Sept. 26.
 Box. J. D. Myers. 1,912,297; May 30.
 Box. K. W. Petersen. 1,940,183; Dec. 19.
 Box. K. Rettich. Des. 89,210; Feb. 7.
 Box. P. A. Schilling. 1,923,399; Aug. 15.
 Box. F. J. Schleicher. 1,894,450; Jan. 17.
 Box. F. J. Schleicher. 1,912,162; May 30.
 Box. H. G. Schmidt. 1,936,608; Nov. 28.
 Box. G. E. Scruby. 1,912,952; June 6.
 Box. M. R. Shofer. 1,938,501; Dec. 5.
 Box. J. S. Stokes. 1,895,090; Jan. 24.
 Box. J. S. Stokes. 1,911,212; May 30.
 Box. L. W. Sutherland. 1,932,197; Oct. 24.
 Box. J. R. White. Des. 89,100; Jan. 24.
 Box and bearing unit, Stuffing. L. W. Browne. 1,899,848; Feb. 28.
 Box and blank therefor. C. D. Knowlton. 1,919,789; July 25.
 Box and bottle, Combination lunch. C. S. Redfield. 1,901,534; Mar. 14.
 Box and cigarette paper holder, Combined tobacco. J. K. Brzezicki. 1,904,777; Apr. 18.
 Box and crate. G. C. Babcock. 1,940,285-7; Dec. 19.
 Box and crate. A. L. Rosemund. 1,933,030; Oct. 31.
 Box and display, Cigarette. E. Suez. 1,901,784; Mar. 14.
 Box and like article, Carburizing. H. L. Frevert and F. B. Foley. 1,933,900; Nov. 7.
 Box and making same. H. Kondolf. 1,906,622; May 2.
 Box and making the same. H. T. Bowman and W. L. Groh. 1,897,570; Feb. 14.
 Box and making the same, Paper. C. L. Claff. 1,917,496; July 11.
 Box and nozzle assembly, Fourdrinier head. R. Bell-Irving and P. Sandwell. 1,909,150; May 16.
 Box and shelves and partitions therefor. B. and E. Thomas. 1,906,191; Apr. 25.
 Box and slicer, Combined bread. A. E. Drake and R. M. Destel. 1,935,976; Nov. 21.
 Box and the like, Cardboard. V. Czerweny. 1,895,070; Jan. 24.
 Box assembly, Flexible stuffing. E. O. Bennett. 1,928,122; Sept. 26.
 Box blank or similar article. W. H. Cummings. Des. 90,803; Oct. 3.
 Box blank, Wirebound. A. F. Durand. 1,922,842; Aug. 15.
 Box board, Grease-resisting. C. Ellis. 1,892,939; Jan. 3.
 Box construction. E. H. Burke. 1,922,354; Aug. 15.
 Box construction. I. A. Deline. 1,922,571; Aug. 15.
 Box construction. N. Ottinger. 1,928,792; Oct. 3.
 Box construction. W. D. Swart. 1,914,180; June 13.
 Box cover, Junction. W. S. Thomas. 1,911,407; May 30.
 Box cover, Sectional. W. L. Payne. 1,912,790; June 6.
 Box covers, Making match. P. W. Dietmann. 1,907,519; May 9.
 Box delivery device. E. G. Griffith. 1,903,561; Apr. 11.
 Box drum, Nonsifting, one piece, powder. H. W. Hildebrand, jr. 1,896,361; Feb. 7.
 Box dumping machine. C. C. Butler. 1,913,746; June 13.
 Box, especially for viscous substances. A. Boenecke. 1,936,822; Nov. 28.
 Box fastener. W. Brown and G. T. Marshall. 1,909,654; May 16.
 Box folding machine. J. W. Low. 1,937,027; Nov. 28.
 Box folding machine. P. R. Simmons. 1,923,121; Aug. 22.
 Box-folding machine. O. W. Wikstrom. 1,894,209; Jan. 10.
 Box for articles having shafts and handles, Paper. T. L. Neumann. 1,897,672; Feb. 14.
 Box for cosmetics. M. E. McFarland. Des. 90,257; July 4.
 Box for displaying jewelry and the like. J. M. Shields. 1,906,111; Apr. 25.
 Box for electric cables, Sleeve terminal. W. W. Emmons. 1,917,242; July 11.
 Box for electrical wiring systems. J. M. G. Fullman. 1,934,300; Nov. 7.
 Box for fluid operated mechanisms, Register. W. L. Marden. 1,899,043; Feb. 28.
 Box for meats, Collapsible freezer. W. Wetta, sr. 1,936,814; Nov. 28.
 Box for milk bottles and other articles. D. S. Koch and W. Newberry. 1,903,266; Mar. 28.
 Box for packing and exhibiting. C. K. Ellsworth. Des. 91,023; Nov. 14.
 Box for pastry and powdery products, Distributing. J. E. B. Maillard. 1,934,809; Nov. 14.
 Box for shipping coal. J. J. Drew. 1,896,812; Feb. 7.
 Box for typewriter ribbons, Stock. G. D. Atwood. Des. 89,547; Mar. 28.
 Box head, Field. J. F. Townsend. 1,911,728; May 30.
 Box lid support. O. H. Crew. 1,920,679; Aug. 1.
 Box liner, Fruit. C. G. Bruntsch. 1,894,531; Jan. 17.
 Box lining machine. H. A. Campbell. 1,940,743; Dec. 26.
 Box lining machine. H. B. Kleinsmith. 1,910,171; May 23.
 Box loader, Automatic. G. J. Mayer and G. J. Patitz. 1,896,639; Feb. 7.
 Box loom indicator, Jacquard. J. S. Arienta and J. Webb. 1,931,835; Oct. 24.
 Box machine. T. A. Federwitz. 1,924,681; Aug. 29.
 Box machine. F. M. Joslin. 1,935,032; Nov. 14.
 Box machine. E. G. Rider. 1,907,004; May 2.
 Box machine, Paper. E. G. Staude. 1,910,413; May 23.
 Box making machine. C. F. Brown. 1,912,565; June 6.
 Box-making machine. C. D. Knowlton. 1,893,554; Jan. 10.
 Box making machine. J. W. Low. 1,900,892; Mar. 7.
 Box making machine. L. C. Rood, J. F. Lane, and J. J. Frost. 1,918,214; July 11.
 Box manufacture, Knock-down. J. R. Van Wormer. 1,897,715; Feb. 14.
 Box, Manufacturing a cardboard. A. G. S. Lindgren. 1,936,136; Nov. 21.
 Box mold, Battery. O. O. Rieser. 1,896,372; Feb. 7.
 Box of slide-and-shell type. G. S. Worssam. 1,895,061; Jan. 24.
 Box opening machine, Paper. W. P. Stein. 1,898,910; Feb. 21.
 Box or carton, Handled. T. H. Gagen. 1,915,658; June 27.
 Box or carton, Packing. R. E. Rutledge. 1,925,113; Sept. 5.
 Box or container parts having a curved bottom, Producing. J. Schmiedel. 1,920,809; Aug. 1.
 Box or crate. A. L. Foreman. 1,919,427; July 25.
 Box or crate blank machine, Wire bound. W. F. Newhouse. 1,928,134; Sept. 26.
 Box or crate, Collapsible. A. Johnson. 1,939,901; Dec. 19.
 Box or crate structure. W. G. Seabold, sr. 1,918,987; July 18.
 Box or crate, Wire bound. W. F. Newhouse. 1,928,133; Sept. 26.
 Box or similar article. L. Lelong. Des. 89,850; May 9.
 Box or similar article, Blacksmith. H. E. De Vries. Des. 91,015; Nov. 14.
 Box or similar article, Vanity. T. Sundin. Des. 90,170; June 20.
 Box or similar receptacle. F. J. Abel. Des. 89,109; Jan. 24.
 Box or similar receptacle. F. J. Abel. Des. 89,164; Feb. 7.
 Box or similar receptacle. A. R. Nathan. Des. 89,113; Jan. 24.
 Box or the like, Fruit. R. E. Rutledge. 1,933,075; Oct. 31.
 Box, Outlet. F. B. Adam. 1,910,665; May 23.
 Box picture frame. B. Schrottenboer. 1,940,328; Dec. 19.
 Box plate, Letter. A. Fazekas. Des. 89,127; Jan. 31.
 Box press, Packing. J. A. Byington. 1,894,156; Jan. 10.
 Box segregating and stacking device. H. Paxton. 1,933,147; Oct. 31.
 Box shells, Apparatus for erecting. G. Bellmann. 1,893,389; Jan. 3.
 Box spring frame. C. F. Pearce, jr. 1,907,659; May 9.
 Box stack dumper, Automatic. J. W. Stevenson. 1,907,456-7; May 9.
 Box staying machine, Four corner. G. Brodsky. 1,915,976; June 27.
 Box strapping apparatus. E. D. Tubbs. 1,916,940; July 4.
 Box strapping machine. H. E. Twomley. 1,906,289; May 2.
 Box strapping machine. H. E. Twomley. 1,937,675; Dec. 5.
 Box straps, Device for applying. F. L. McGary. 1,920,413; Aug. 1.
 Box structure, Stuffing. R. S. M. Mitchell. 1,937,496; Nov. 28.
 Box support. W. L. Lademann. 1,930,242; Oct. 10.
 Box support, Mail. J. C. Gould. 1,898,375; Feb. 21.
 Box support, Outlet. W. L. Lademann. 1,917,450; July 11.
 Box toe conditioning machine. A. R. Schoenky. 1,895,524; Jan. 31.
 Box toe conditioning machine. A. R. Schoenky. 1,927,954; Sept. 26.
 Box trap. F. J. Henry. 1,918,266; July 18.
 Box with cover, Knockdown paper. R. A. Gross. 1,940,213; Dec. 19.
 Box wrapping apparatus. E. G. Rider. 1,933,566; Nov. 7.
 Box wrapping machine. A. E. Johnson. 1,902,079; Mar. 21.
 Boxes and crates. A. L. Rosenmund. 1,933,029; Oct. 31.
 Boxes, Binding means for. T. R. Walker. 1,907,375; May 2.
 Boxes, Forming composite. J. S. Stokes. 1,919,604; July 25.
 Boxes, Frog forming insert for hosiery. A. W. Zerby. 1,899,070; Feb. 28.
 Boxes from a pile; Apparatus for transferring. E. H. Jähne. 1,920,563; Aug. 1.
 Boxes, Making foldable paper. G. M. Keller. 1,938,910; Dec. 12.
 Boxes, Making metal. R. V. Burdick. 1,904,778; Apr. 18.
 Boxes, Method of and apparatus for making. E. G. Rider and W. T. Bailey. 1,916,440; July 4.
 Boxes, Method of and apparatus for the production of covered. C. W. Müller. 1,920,761; Aug. 1.
 Boxes or the like, Making paper. S. Bergstein. Re18,823; May 9.

Boxing bouts and the like, Apparatus for scoring. C. M. Amory. 1,922,517; Aug. 15.

Brace: *See*—
 Adjustable brace. Leather brace.
 Body brace. Rail brace.
 Expansion brace. Ratchet brace.
 Fence post brace. Table leg brace.
 Furniture brace. Tripod brace.

Brace and guide mechanism, Door. E. H. McCloud. 1,931,166; Oct. 17.

Brace for articles of furniture. T. H. Wittliff. 1,921,143; Aug. 8.

Brace for coops and crates, Corner. O. F. Carpenter. 1,915,215; June 20.

Brace for folding table legs, Locking. G. J. Corporon. 1,933,164; Oct. 31.

Brace or bracket for the support of crockery, glassware, kitchen utensils, and the like. R. A. Neuschotz. 1,925,540; Sept. 5.

Bracelet. S. O. Bigney. 1,916,821; July 4.

Bracelet. S. O. Bigney. 1,938,206; Dec. 5.

Bracelet. C. B. Culton. Des. 90,780; Sept. 26.

Bracelet. L. Glass. Des. 89,586; Apr. 11.

Bracelet. I. L. Hodges. 1,893,056; Jan. 3.

Bracelet. W. Reiss. Des. 89,450; Mar. 14.

Bracelet. A. E. R. Speldel. Des. 89,801; May 2.

Bracelet and making the same. H. Hargreaves. 1,935,504; Nov. 14.

Bracelet chain. M. Anderson. 1,931,124; Oct. 17.

Bracelet chain. N. T. Nelson. 1,927,044; Sept. 19.

Bracelet chain. E. Prestinari. 1,932,283; Oct. 24.

Bracelet end, Wrist watch. R. King. Des. 90,985; Nov. 7.

Bracelet or similar article. W. M. Stockman. Des. 90,634-5; Sept. 5.

Bracelet structure, Adjustable. E. G. Carlson. 1,893,271; Jan. 3.

Bracelet, Wrist-watch. W. M. Krementz. Des. 18,847; May 30.

Bracelets, Manufacture of. E. L. Weed. 1,933,576; Nov. 7.

Bracing device. J. W. Hudson. 1,909,178; May 16.

Bracing for metallic floor joists, Transverse. W. F. Zarbriskie. 1,920,831; Aug. 1.

Bracing means for vehicle chassis frames, Structural. F. S. Baster and A. E. Walden. 1,915,117; June 20.

Bracket: *See*—
 Anchor bracket. Lamp shade bracket.
 Article supporting bracket. Mirror bracket.
 Awning arm bracket. Mounting bracket.
 Awning head rod bracket. Radiator bracket.
 Bathtub supporting bracket. Roller supporting bracket.
 et. Shade bracket.
 Brake beam support. Shelf bracket.
 bracket. Spindle guide bracket.
 Clamping bracket. Spindle swing bracket.
 Cross shaft bracket. Supporting bracket.
 Curtain and shade bracket. Switch mounting bracket.
 Electric outlet bracket. Transposition bracket.
 Glare shield bracket. Trostle bracket.
 Head bracket. Ventilator bracket.
 Insulator bracket. Wall bracket.
 Knife wiper lever bracket. Window fan bracket.
 Lamp lead bracket.

Bracket. R. P. Bennett. 1,924,820; Aug. 29.

Bracket. E. A. Bohlman. 1,919,767; July 25.

Bracket. C. McCullough. 1,903,340; Apr. 4.

Bracket. P. A. Potter. 1,939,570; Dec. 12.

Bracket and applying same. J. Pudliner. 1,897,913; Feb. 14.

Bracket and curtain rod support, Vertically adjustable. H. Hueneburg. 1,937,571; Dec. 5.

Bracket and guide for rolling steel doors, Combined. W. G. Miller. 1,918,415; July 18.

Bracket, Combined rear view mirror and clock supporting. W. La Hodny. 1,908,768; May 16.

Bracket connection, Welded. J. H. Edwards. 1,899,799; Feb. 28.

Bracket construction. H. B. Hyams. 1,914,720; June 20.

Bracket construction. J. H. Wilkin. 1,920,028; July 25.

Bracket for automobile frames, Steering-post. H. Miller. 1,921,239; Aug. 8.

Bracket for automotive radio sets. T. J. Scofield. 1,897,400; Feb. 14.

Bracket for belt pulleys. A. Page, Jr. 1,920,950; Aug. 1.

Bracket for connector heads. E. A. Robinson. 1,902,101; Mar. 21.

Bracket for connector heads. E. A. Robinson. 1,931,208; Oct. 17.

Bracket for curtain rods. G. M. and W. C. Kenney. 1,923,024; Aug. 15.

Bracket for curtain rods. D. H. Rosenberg. 1,924,291; Aug. 29.

Bracket for funeral drapes. H. J. Schomer. 1,894,793; Jan. 17.

Bracket for mirrors and the like. W. Szyminski. 1,910,864; May 23.

Bracket for outlet boxes. G. Carlson. 1,893,357; Jan. 3.

Bracket for resiliently supporting electric cables. A. W. Malone. 1,929,700; Oct. 10.

Bracket lamp, Automobile hood. S. Piombo. 1,933,337; Oct. 31.

Bracket or jack, Roof. L. P. Reimann. 1,917,809; July 11.

Braid, Elastic lace. O. E. Huber. Des. 89,832-3; May 9.

Braid, Method of and machine for shaping hat. A. Koch. 1,907,327; May 2.

Braided or plaited material. A. C. Murphy. 1,923,551; Aug. 22.

Braider carrier. L. B. Johnson and D. B. Brownlow. 1,940,498; Dec. 19.

Braiding machine. G. E. Henning. 1,895,462; Jan. 31.

Braiding machine. R. C. Kivley. Re18,869; June 13.

Braiding machine. C. Tober. 1,921,174; Aug. 8.

Braiding machine and the like. J. H. Bornemann. 1,906,946; May 2.

Braiding machine for covering wires. H. Schweiter. 1,913,292; June 6.

Braille writing machine. A. G. F. Kurowski. Des. 89,709; Apr. 25.

Brake: *See*—
 Air brake. Four-wheel brake.
 Air cooled brake. Freight car hand brake.
 Airplane brake. Friction brake.
 Assembler slide bar brake. Front-wheel brake.
 Automatic brake. Hand brake.
 Automotive brake. Hoist brake.
 Band brake. Hydraulic brake.
 Cable-operated brake. Internal band brake.
 Car brake. Internal expanding brake.
 Centrifugal brake. Magnetic automotive brake.
 Centrifugally expanding Motor vehicle brake.
 brake. Oil brake.
 Coaster brake. Press brake.
 Coasting brake. Railway brake.
 Cone brake. Reel brake.
 Cone type brake. Relay brake.
 Disk brake. Reverse brake.
 Draw works brake. Safety brake.
 Electropneumatic brake. Servo-brake.
 Elevator brake. Sled brake.
 Elevator safety brake. Sleigh brake.
 Emergency air brake. Throttle brake.
 Empty and load brake. Track brake.
 Expanding brake. Trailer brake.
 Fixture brake. Vehicle brake.
 Fluid brake. Wheel brake.
 Fluid pressure brake. Winch brake.

Brake. W. J. Andres. 1,908,397; May 9.

Brake. W. J. Andres. 1,924,589; Aug. 29.

Brake. W. J. Andres and C. E. Ward. 1,928,044; Sept. 26.

Brake. M. S. Baker. 1,934,476; Nov. 7.

Brake. V. Bendix. 1,901,695; Mar. 14.

Brake. V. Bendix. 1,906,733; May 2.

Brake. V. Bendix. 1,912,819; June 6.

Brake. V. Bendix. 1,926,361; Sept. 12.

Brake. V. Bendix. 1,928,046; Sept. 26.

Brake. V. Bendix. 1,932,879; Oct. 31.

Brake. V. Bendix. 1,936,569; Nov. 28.

Brake. V. Bendix and A. Y. Dodge. 1,924,592; Aug. 29.

Brake. V. Bendix and B. E. House. 1,936,899; Nov. 28.

Brake. V. Bendix and L. E. La Brie. 1,904,262; Apr. 18.

Brake. V. Bendix and L. E. La Brie. 1,911,420; May 30.

Brake. V. Bendix and L. E. La Brie. 1,935,384; Nov. 14.

Brake. R. E. Berg. 1,909,744; May 16.

Brake. S. Bramley-Moore. 1,896,696; Feb. 7.

Brake. J. R. Cautley and F. C. Frank. 1,899,609; Feb. 28.

Brake. E. A. Conner and C. G. Johnson. 1,940,845; Dec. 26.

Brake. W. H. Delahaye. 1,911,439; May 30.

Brake. W. H. Delahaye. 1,926,372; Sept. 12.

Brake. W. H. Delahaye. 1,928,050; Sept. 26.

Brake. W. H. Delahaye. 1,936,870; Nov. 28.

Brake. B. Dick. 1,919,542; July 25.

Brake. A. Y. Dodge. 1,895,917; Jan. 31.

Brake. A. Y. Dodge. 1,908,410; May 9.

Brake. A. Y. Dodge. 1,908,411; May 9.

Brake. A. Y. Dodge. 1,914,490; June 20.

Brake. A. Y. Dodge. 1,916,881; July 4.

Brake. A. Y. Dodge. 1,926,374; Sept. 12.

Brake. A. Y. Dodge. 1,928,051; Sept. 26.

Brake. A. Y. Dodge. 1,935,393; Nov. 14.

Brake. A. Y. Dodge. 1,940,449; Dec. 19.

Brake. J. H. Durst. 1,909,034; May 16.

Brake. C. C. Elliott. 1,933,421; Oct. 31.

Brake. N. M. Erdahl. 1,892,940; Jan. 3.

Brake. E. R. Evans. 1,908,013; May 9.

Brake. E. J. Farkas. 1,921,287; Aug. 8.

Brake. O. E. Fishburn. 1,941,167; Dec. 26.

Brake. H. Ford. 1,908,745; May 16.

Brake. F. C. Frank. 1,900,178; Mar. 7.

Brake. F. C. Frank. 1,908,415; May 9.

Brake. G. W. Franzen. 1,914,366; June 20.

Brake. D. L. Gallup. 1,934,491; Nov. 7.

Brake. R. A. Goepfrich. 1,926,379; Sept. 12.

Brake. E. G. Gunn. 1,894,036; Jan. 10.

Brake. G. A. Halfvarson. 1,902,640; Mar. 21.

Brake. G. M. Hartsock. 1,896,952; Feb. 7.

Brake. C. C. Higgins and H. D. Van Brunt. 1,923,437; Aug. 22.

Brake. G. F. Houston. 1,932,894; Oct. 31.

Brake. W. K. Howe. 1,932,970; Oct. 31.

Brake. L. C. Huck. 1,937,890; Dec. 5.

Brake. G. H. Hunt. 1,926,385; Sept. 12.

Brake. P. Kapitza and G. V. Lomonosoff. 1,927,457; Sept. 19.

Brake. R. F. Kohr. 1,896,902; Feb. 7.

Brake. R. F. Kohr. 1,899,967; Mar. 7.

Brake. R. F. Kohr. 1,936,943; Nov. 28.

Brake. R. F. Kohr. 1,937,200; Nov. 28.

- Brake. R. F. Kohr and R. L. Strebinger. 1,907,983; May 9.
- Brake. W. L. Krieg. 1,932,898; Oct. 31.
- Brake. L. E. La Brie. 1,901,657; Mar. 14.
- Brake. L. E. La Brie. 1,902,455; Mar. 21.
- Brake. L. E. La Brie. 1,902,647; Mar. 21.
- Brake. L. E. La Brie. 1,911,452; May 30.
- Brake. L. E. La Brie. 1,912,778; June 6.
- Brake. L. E. La Brie. 1,919,519; July 25.
- Brake. L. E. La Brie. 1,924,610; Aug. 29.
- Brake. L. E. La Brie. 1,928,059-60; Sept. 26.
- Brake. L. E. La Brie. 1,932,899-900; Oct. 31.
- Brake. L. E. La Brie. 1,934,432; Nov. 7.
- Brake. L. E. La Brie. 1,935,403; Nov. 14.
- Brake. H. T. Lambert. 1,922,307; Aug. 15.
- Brake. F. Ljungström. 1,938,632; Dec. 12.
- Brake. K. E. Lyman. 1,935,368; Nov. 14.
- Brake. J. W. MacClatchie. 1,910,805; May 23.
- Brake. E. J. Madden. 1,911,634; May 30.
- Brake. J. P. Mahoney. 1,901,662; Mar. 14.
- Brake. E. G. McDonald. 1,924,613; Aug. 29.
- Brake. W. J. Morgan. 1,926,955; Sept. 12.
- Brake. A. J. Musselman. 1,926,984; Sept. 12.
- Brake. A. J. Musselman. 1,938,606; Dec. 12.
- Brake. E. A. Nelson. 1,925,596-8; Sept. 5.
- Brake. E. C. Newcomb. 1,898,888; Feb. 21.
- Brake. H. F. Parker. 1,904,996-8; Apr. 25.
- Brake. H. F. Parker. 1,936,878; Nov. 28.
- Brake. W. F. Penrose. 1,928,630; Oct. 3.
- Brake. J. W. Peterson. 1,914,978; June 20.
- Brake. H. W. Poehliman. 1,901,668; Mar. 14.
- Brake. E. Poppe. 1,922,779; Aug. 15.
- Brake. A. Rosner. 1,919,531; July 25.
- Brake. H. C. Roth. 1,934,448; Nov. 7.
- Brake. H. C. Roth. 1,936,883; Nov. 28.
- Brake. R. S. Sanford. 1,898,315; Feb. 21.
- Brake. R. S. Sanford. 1,917,951; July 11.
- Brake. R. S. Sanford. 1,923,234; Aug. 22.
- Brake. J. J. Schiller. 1,935,334; Nov. 14.
- Brake. H. Schnakenberg. 1,905,951; Apr. 25.
- Brake. J. Sneed. 1,928,743; Oct. 3.
- Brake. J. F. Sneed. 1,933,079; Oct. 31.
- Brake. L. K. Snell. 1,925,286; Sept. 5.
- Brake. L. K. Snell. 1,930,779; Oct. 17.
- Brake. R. W. Snyder and M. Lammertst. 1,918,572; July 18.
- Brake. C. M. Spear. 1,917,999; July 11.
- Brake. R. Stahl. 1,917,671; July 11.
- Brake. A. C. Starr. 1,908,456; May 9.
- Brake. A. C. Starr. 1,930,696; Oct. 17.
- Brake. G. H. Stoner. 1,934,246; Nov. 7.
- Brake. J. W. Tatter. 1,894,525; Jan. 17.
- Brake. C. H. Taylor. 1,908,461; May 9.
- Brake. C. H. Taylor. 1,928,078; Sept. 26.
- Brake. E. V. Taylor. 1,908,462; May 9.
- Brake. E. V. Taylor. 1,910,451; May 23.
- Brake. E. V. Taylor. 1,911,482; May 30.
- Brake. E. V. Taylor. 1,921,593; Aug. 8.
- Brake. E. V. Taylor. 1,928,079; Sept. 26.
- Brake. E. V. Taylor. 1,930,699; Oct. 17.
- Brake. E. V. Taylor. 1,932,916; Oct. 31.
- Brake. E. V. Taylor. 1,936,865; Nov. 28.
- Brake. E. V. Taylor. 1,940,468-9; Dec. 19.
- Brake. A. P. Thomas. 1,940,471; Dec. 19.
- Brake. G. J. Thomas. 1,908,458-60; May 9.
- Brake. R. N. Van Buskirk. 1,924,577; Aug. 29.
- Brake. R. N. Van Buskirk. 1,928,081; Sept. 26.
- Brake. W. S. Watts. 1,917,864; July 11.
- Brake. W. S. Watts. 1,935,340; Nov. 14.
- Brake. H. Williams and W. M. Lipps. 1,941,122; Dec. 26.
- Brake. A. P. Wisner. 1,896,991; Feb. 7.
- Brake. K. M. Yost. 1,899,601; Feb. 28.
- Brake accessory for pneumatic tire vehicles. R. K. Kenna. 1,916,055; June 21.
- Brake actuating mechanism. J. E. Batie. 1,928,475; Sept. 26.
- Brake actuating mechanism. G. P. Berry. 1,897,787; Feb. 14.
- Brake actuating mechanism. F. A. Nelson. 1,918,776; July 18.
- Brake actuating mechanism. T. A. Reilly and E. S. Cohen. 1,926,174; Sept. 12.
- Brake actuating unit, Hydraulic. A. D. Pentz. 1,912,218; May 30.
- Brake actuator. F. J. Karg. 1,936,602; Nov. 28.
- Brake actuator. R. J. Norton. 1,908,438; May 9.
- Brake adjuster, Automatic. H. E. Brice. 1,900,791; Mar. 7.
- Brake adjusting. F. C. Frank. 1,898,298; Feb. 21.
- Brake adjusting means. E. Trachsel. 1,930,401; Oct. 10.
- Brake adjusting tool. A. L. and R. H. Miller. 1,898,136; Feb. 21.
- Brake and disposition thereof, Rail. G. E. Edmunds. 1,915,412; June 27.
- Brake and door control apparatus. A. Neveu. 1,909,377; May 16.
- Brake and gas collector, Muzzle. G. M. Barnes. 1,901,138; Mar. 14.
- Brake and lock, Rope. N. Lucchesi. 1,921,627; Aug. 8.
- Brake and motor tester. J. H. Sanders. 1,924,658; Aug. 29.
- Brake apparatus. M. W. Bowen. 1,908,309; May 9.
- Brake apparatus. R. J. Norton. 1,924,622; Aug. 29.
- Brake apparatus. R. J. Norton. 1,935,331; Nov. 14.
- Brake apparatus, Demountable. A. De Coninck. 1,935,392; Nov. 14.
- Brake apparatus, Load. A. Neveu. 1,895,483; Jan. 31.
- Brake apparatus, Vacuum. C. C. Farmer. 1,895,456; Jan. 31.
- Brake appliance, Railway. G. A. A. Gillen. 1,915,731; June 27.
- Brake application and release valve device. J. C. McCune. 1,939,910; Dec. 19.
- Brake applying means. L. J. Black. 1,932,685; Oct. 31.
- Brake applying means. K. E. Lyman. 1,940,458; Dec. 19.
- Brake-applying means. M. W. McConkey. 1,908,435; May 9.
- Brake applying means. E. A. Rockwell. 1,907,876; May 9.
- Brake applying mechanism. F. D'Aleo. 1,911,223; May 30.
- Brake applying mechanism for motor vehicles. C. R. Snyder. 1,908,455; May 9.
- Brake arrangement. W. H. Baselt. 1,929,767; Oct. 10.
- Brake assembly, Vehicle. E. A. Rockwell and E. R. Evans. 1,930,662; Oct. 17.
- Brake attachment, Foot. R. Burns. 1,906,366; May 2.
- Brake band. S. Schnell. 1,919,533; July 25.
- Brake band adjusting mechanism. J. D. Spalding. 1,939,601; Dec. 12.
- Brake band apparatus. E. F. Puls. 1,901,774; Mar. 14.
- Brake band, Forming a. C. A. Sawtelle. 1,926,064; Sept. 12.
- Brake band, Making a. E. A. Nelson. 1,894,321; Jan. 17.
- Brake band signaling device. A. S. Cataudella. 1,902,759; Mar. 21.
- Brake beam. H. E. Muchnic. 1,928,360; Sept. 26.
- Brake beam adjusting and release device. S. A. Crone. 1,901,437; Mar. 14.
- Brake beam support. E. G. Busse. 1,929,621; Oct. 10.
- Brake beam support bracket. E. G. Busse. 1,902,215; Mar. 21.
- Brake-beam support for car trucks, Safety. R. C. Pierce. 1,923,841; Aug. 22.
- Brake beam suspension. E. G. Busse. 1,894,263; Jan. 17.
- Brake block and means of attaching. A. V. Bodine. 1,901,696; Mar. 14.
- Brake cable tube. E. J. Madden. 1,900,512; Mar. 7.
- Brake chain attaching device. J. Wilson. 1,898,607; Feb. 21.
- Brake connection. W. J. McDonald. 1,926,782; Sept. 12.
- Brake construction. E. R. Evans. 1,900,546; Mar. 7.
- Brake construction. E. R. Evans. 1,919,882; July 25.
- Brake construction. E. R. Evans. 1,924,112; Aug. 29.
- Brake construction. E. R. Evans. 1,930,675; Oct. 17.
- Brake construction. A. C. Tunison. 1,926,605; Sept. 12.
- Brake construction, Baby carriage. B. Bleustein. 1,915,286; June 27.
- Brake construction, Front wheel. J. W. Heiney. 1,906,585; May 2.
- Brake construction, Power. E. A. Rockwell. 1,929,517; Oct. 10.
- Brake control. G. E. A. Hallett. Re18,997; Nov. 14.
- Brake control. L. Hamilton. 1,930,126; Oct. 10.
- Brake control for aeroplanes. L. Breguet. 1,927,358; Sept. 19.
- Brake control for vehicle wheels. A. Arato. 1,902,819; Mar. 28.
- Brake control means. A. L. Harper. 1,898,625; Feb. 21.
- Brake control mechanism. W. R. Freeman. 1,895,316; Jan. 24.
- Brake control mechanism. A. H. Schloz. 1,924,808; Aug. 29.
- Brake control mechanism, Emergency. E. Sejersten. 1,919,754; July 25.
- Brake-control mechanism for concrete mixing and other machines. S. Shafer, jr. 1,899,167; Feb. 28.
- Brake control system for railway trains. L. O. Grondahl. 1,927,437; Sept. 19.
- Brake control, Torque motor. G. J. Lexa. 1,928,293; Sept. 26.
- Brake cooling mechanism. L. A. Bode. 1,906,520; May 2.
- Brake cooling system. J. P. Tarbox. 1,905,657; Apr. 25.
- Brake cross shaft mounting. L. S. Sheldrick. 1,937,988; Dec. 5.
- Brake cylinder piston sleeve. J. S. Y. Fralich and C. C. Farmer. 1,939,889; Dec. 19.
- Brake cylinder protector. C. C. Farmer. 1,939,845; Dec. 19.
- Brake device. S. Jones. 1,895,996; Jan. 31.
- Brake device. F. O. Vaughn. 1,904,178; Apr. 18.
- Brake device, Fluid pressure. E. E. Hewitt. 1,895,464; Jan. 31.
- Brake device for band saws. O. De Groot. 1,927,203; Sept. 19.
- Brake device, Quick service. U. A. Whitaker. 1,898,513; Feb. 21.
- Brake drum. D. J. Campbell. 1,927,305; Sept. 19.
- Brake drum. C. W. Keene. 1,937,702; Dec. 5.
- Brake drum. R. J. Norton. 1,900,844; Mar. 7.
- Brake drum. R. J. Norton. 1,912,789; June 6.
- Brake drum. R. J. Norton. 1,934,443-4; Nov. 7.
- Brake drum and apron. C. E. Gable. 1,923,432; Aug. 22.
- Brake drum, Composite. D. J. Campbell. 1,927,306; Sept. 19.

- Brake drum, Fluid cooled. R. R. Bloss. 1,906,519; May 2.
- Brake drum, Fluid cooled. B. Boykin, jr. 1,906,525; May 2.
- Brake drum or member. J. H. Crowe. 1,900,804; Mar. 7.
- Brake drum seal. M. M. Cunningham. 1,930,708; Oct. 17.
- Brake drum truing machine. G. A. Delf. 1,925,177; Sept. 5.
- Brake drums, Making. J. R. Cautley. 1,911,430; May 30.
- Brake element. F. C. Morris. 1,917,993; July 11.
- Brake ensemble, Mechanical friction. F. C. Palmer. 1,903,723; Apr. 11.
- Brake equalizer. J. W. Hughes. 1,936,511; Nov. 21.
- Brake equalizer. O. M. Lewis. 1,904,004; Apr. 18.
- Brake equalizer. R. O. Shultz. 1,894,714; Jan. 17.
- Brake equalizer, Mechanical. H. L. Peters. 1,930,535; Oct. 17.
- Brake equalizing mechanism, Automatic four-wheel. I. Blocher. 1,914,238; June 13.
- Brake equalizing system. H. A. Hille. 1,923,538; Aug. 22.
- Brake equipment, Air. G. L. Pitt. 1,912,916; June 6.
- Brake fluid composition. J. W. Tatter. 1,928,956; Oct. 3.
- Brake for aircraft. J. M. J. Dormoy. 1,895,452; Jan. 31.
- Brake for airplanes, Air. G. M. Bellanca. 1,900,631; Mar. 7.
- Brake for automobile engines, Hydraulic. C. A. Roeder. 1,899,294; Feb. 28.
- Brake for automobiles. A. D. Crissinger. 1,928,558; Sept. 26.
- Brake for automobiles. C. R. Roche. 1,934,768; Nov. 14.
- Brake for automobiles, Electric. H. Johnson and L. O. Aune. Re18,912; Aug. 8.
- Brake for driven and steered wheels. P. S. Eckland and G. Ryden. 1,899,187; Feb. 23.
- Brake for motor trucks, Clasp. W. H. Baselt. 1,936,897; Nov. 28.
- Brake for motor vehicles. H. Cremer. 1,925,233; Sept. 5.
- Brake for motor vehicles. P. P. Leventis. 1,896,963; Feb. 7.
- Brake for motor vehicles. E. Poulet. Re19,012; Nov. 28.
- Brake for motor vehicles or the like. L. X. Antelme and L. Trescartes. 1,941,380; Dec. 26.
- Brake for motor vehicles, Power. E. Trachsel. 1,932,649; Oct. 31.
- Brake for motor vehicles, Wheel. K. Hardt. 1,939,299; Dec. 12.
- Brake for power vehicles. E. Delay. 1,925,864; Sept. 5.
- Brake for power winches. N. M. Erdahl. 1,913,706; June 13.
- Brake for punch presses, Cam. W. J. Beuhring. 1,933,841; Nov. 7.
- Brake for railway cars, Drop shaft. J. P. Templeman. 1,935,785; Nov. 21.
- Brake for railway cars, Hand. H. I. Wrigley. 1,938,885; Dec. 12.
- Brake for railway cars, Side hand. R. W. Burnett. 1,905,213; Apr. 25.
- Brake for railway motor cars, Mechanical. P. Halbach. 1,900,282; Mar. 7.
- Brake for road vehicles. O. D. North and P. G. Hugh. 1,915,547; June 27.
- Brake for toy electric railways. L. W. Rosenthal. 1,909,899; May 16.
- Brake for use on vehicles. E. B. Boughton. 1,903,973; Apr. 18.
- Brake for vehicles. F. W. Quick. 1,927,993; Sept. 26.
- Brake for vehicles and the like, Friction. H. M. Rockwell. 1,934,235; Nov. 7.
- Brake for vehicles, Hydraulic. A. D. Pentz. 1,912,217; May 30.
- Brake for windlasses, Automobile. D. Spinetta. 1,941,158; Dec. 26.
- Brake for window lifters, Automatic. S. F. Briggs. 1,937,626; Dec. 5.
- Brake for woodworking machines. R. A. Williams. 1,928,637; Oct. 3.
- Brake hangers, Making. F. Schaefer. 1,930,729; Oct. 17.
- Brake hangers, Manufacturing. F. Schaefer. 1,913,171; June 6.
- Brake hangers, Manufacturing closed link. F. Schaeffer. 1,933,638; Nov. 7.
- Brake hook-up. H. Ford. 1,908,744; May 16.
- Brake indicator, Locomotive driver. H. Muir. 1,928,732; Oct. 3.
- Brake lever permitting the combined control of brakes and accelerator in a unit. J. P. Rudyk. 1,928,267; Sept. 26.
- Brake lining. R. L. Herzinger and J. S. Gabriel. 1,935,713; Nov. 21.
- Brake lining anchorage and article. B. C. Thornburgh. 1,892,816; Jan. 3.
- Brake lining, Apparatus for forming. P. Brockway. 1,909,653; May 16.
- Brake lining, Molded. H. Abert and A. Whitelaw. 1,932,919; Oct. 31.
- Brake lining, Molded. A. T. K. Tseng. 1,896,335; Feb. 7.
- Brake lining rack. R. J. Evans. 1,927,976; Sept. 26.
- Brake-lining testing. G. J. Thomas. 1,902,594; Mar. 21.
- Brake linings, Manufacture of. A. Rosner. 1,932,912; Oct. 31.
- Brake linkage. E. R. Evans. 1,915,598; June 27.
- Brake linkage. E. R. Evans. 1,927,632; Sept. 19.
- Brake lock. A. Hall. 1,909,400; May 16.
- Brake lock. A. Hall. 1,929,169; Oct. 3.
- Brake lock. W. T. Young. 1,909,387; May 16.
- Brake lock, Clutch controlled. R. J. Gartner. 1,940,123; Dec. 19.
- Brake lock, Permanent and temporary. H. Liva. 1,904,794; Apr. 18.
- Brake mechanism. V. G. Apple and C. F. Rauen. 1,928,750; Oct. 3.
- Brake mechanism. R. G. Aurien. 1,921,599; Aug. 8.
- Brake mechanism. J. P. Begley and E. E. Arndt. 1,906,359; May 2.
- Brake mechanism. J. G. Blunt. 1,901,019; Mar. 14.
- Brake mechanism. H. C. Bowen and J. R. Heidloff. 1,936,445; Nov. 21.
- Brake mechanism. C. S. Bragg and V. W. Kliesrath. 1,900,155; Mar. 7.
- Brake mechanism. C. S. Bragg and V. W. Kliesrath. 1,935,388; Nov. 14.
- Brake mechanism. C. W. Collins. 1,911,352; May 30.
- Brake mechanism. F. E. Dadd. 1,898,869; Feb. 21.
- Brake mechanism. J. M. J. Dormoy. 1,895,451; Jan. 31.
- Brake mechanism. A. J. Evans. 1,898,820; Feb. 21.
- Brake mechanism. G. C. Jett. 1,905,231; Apr. 25.
- Brake mechanism. B. W. Keese. 1,933,671; Nov. 7.
- Brake mechanism. A. F. Klasing. 1,905,400; Apr. 25.
- Brake mechanism. M. T. Knutzen and R. Williams. 1,914,028; June 13.
- Brake mechanism. R. P. Lansing. 1,911,453; May 30.
- Brake mechanism. M. Loughhead. 1,896,452-3; Feb. 7.
- Brake mechanism. M. Loughhead. 1,923,872; Aug. 22.
- Brake mechanism. M. Loughhead. 1,929,594; Oct. 10.
- Brake mechanism. E. A. Nelson. 1,925,598; Sept. 5.
- Brake mechanism. R. J. Norton. 1,908,439; May 9.
- Brake mechanism. F. H. Ragan. 1,934,090; Nov. 7.
- Brake mechanism. E. Reid. 1,912,796; June 6.
- Brake mechanism. R. S. Sanford. 1,908,451; May 9.
- Brake mechanism. S. Schnell. 1,898,022; Feb. 21.
- Brake mechanism. J. W. Tatter. 1,925,680; Sept. 5.
- Brake mechanism. H. D. Taylor. 1,917,342; July 11.
- Brake mechanism. E. V. Taylor. 1,940,470; Dec. 19.
- Brake mechanism. W. W. Tuttle and E. Hirvonen. 1,914,986; June 20.
- Brake mechanism. S. Vitale and E. M. Wilson. 1,896,209; Feb. 7.
- Brake mechanism. J. W. White. 1,898,108; Feb. 21.
- Brake mechanism. J. W. White. 1,915,637; June 27.
- Brake mechanism. M. P. Whitney. 1,904,186; Apr. 18.
- Brake mechanism and safety device, Automobile. A. Porcelli. 1,939,519; Dec. 12.
- Brake mechanism controlled by steering means. H. O. Clark. 1,894,160; Jan. 10.
- Brake mechanism, Draw works. L. E. Hodges. 1,937,022; Nov. 28.
- Brake mechanism, Electric. A. C. Williams. 1,896,035; Jan. 31.
- Brake mechanism, Floating back plate. C. A. Lindblom. 1,913,166; June 6.
- Brake mechanism for automatic fishing reels. A. D. Maury. 1,909,621; May 16.
- Brake mechanism for automotive vehicles. C. S. Bragg and V. W. Kliesrath. 1,904,266; Apr. 18.
- Brake mechanism for conveyers. M. J. Anderson. 1,900,149; Mar. 7.
- Brake mechanism for conveyers. M. J. Anderson. 1,924,899; Aug. 29.
- Brake mechanism for motor vehicles. W. J. Besler. 1,925,745; Sept. 5.
- Brake mechanism for railway cars, Beamless. W. W. Clouser. 1,939,106; Dec. 12.
- Brake mechanism for reversing gearing. W. C. Ware. 1,912,026; May 30.
- Brake mechanism for velocipedes. H. D. Arnold. 1,933,955; Nov. 7.
- Brake mechanism, Hydraulic. B. Dick and S. Schnell. 1,896,223; Feb. 7.
- Brake mechanism, Hydraulic. C. A. Sawtelle. 1,938,797; Dec. 12.
- Brake mechanism, Hydraulic. E. V. Taylor. 1,932,915; Oct. 31.
- Brake mechanism, Mine car. G. E. Edmunds. 1,916,784-5; July 4.
- Brake mechanism, Power. E. A. Rockwell. 1,938,195; Dec. 5.
- Brake mechanism, Railway car. A. F. Klasing. 1,927,237; Sept. 19.
- Brake mechanism, Self-adjusting. E. J. W. Ragsdale. 1,902,181; Mar. 21.
- Brake mechanism, Vehicle. V. G. Apple. 1,893,833; Jan. 10.
- Brake mechanism, Vehicle. E. R. Evans. 1,898,434; Feb. 21.
- Brake member. T. F. Brackett. 1,917,820; July 11.
- Brake member, Making a. G. J. Thomas. 1,899,599; Feb. 28.
- Brake members, Automatic adjusting device for. L. Boirault. 1,937,683; Dec. 5.
- Brake operating device. H. W. Langbein. 1,907,835; May 9.
- Brake operating device. J. W. Tatter and F. W. Sampson. 1,923,463; Aug. 22.
- Brake operating linkage. E. R. Evans. 1,925,727; Sept. 5.
- Brake-operating means. M. W. McConkey. 1,936,910; Nov. 28.

- Brake operating means. R. N. Van Buskirk. 1,898,275; Feb. 21.
- Brake-operating means. R. N. Van Buskirk. 1,908,465; May 9.
- Brake operating means, Flexible. L. C. Huck. 1,930,272; Oct. 10.
- Brake operating mechanism. V. G. Apple. 1,915,877; June 27.
- Brake operating mechanism. V. G. Apple. 1,930,032; Oct. 10.
- Brake operating mechanism. H. E. Bartsch. 1,919,184; July 25.
- Brake operating mechanism. V. Bendix. 1,923,182; Aug. 22.
- Brake operating mechanism. J. G. Brewer. 1,916,654; July 4.
- Brake operating mechanism. A. Y. Dodge. 1,917,928; July 11.
- Brake operating mechanism. H. L. Hirschler. Re18,723; Jan. 31.
- Brake operating mechanism. G. H. Hunt and J. E. Downs. 1,932,896; Oct. 31.
- Brake operating mechanism. A. Kazenmaier. 1,940,550; Dec. 19.
- Brake operating mechanism. W. L. Krieg. 1,926,391; Sept. 12.
- Brake operating mechanism. L. E. La Brie. 1,924,611; Aug. 29.
- Brake-operating mechanism. M. W. McConkey. 1,898,306; Feb. 21.
- Brake operating mechanism. M. W. McConkey. 1,930,105; Oct. 10.
- Brake operating mechanism. E. A. Nelson. 1,939,221; Dec. 12.
- Brake operating mechanism. E. A. Rockwell. 1,903,138; Mar. 28.
- Brake operating mechanism, Motor vehicle. C. R. Snyder. 1,930,961; Oct. 17.
- Brake operating mechanism, Railway. P. B. Camp. 1,928,878; Oct. 3.
- Brake operating mechanism, Trailer. J. J. Townsend. 1,922,719; Aug. 15.
- Brake-operating mechanisms. A. Y. Dodge. 1,932,884; Oct. 31.
- Brake operating tube. E. J. Madden. 1,900,511; Mar. 7.
- Brake operator. H. H. Semmes. 1,928,077; Sept. 26.
- Brake or clutch. M. G. T. Priest. 1,925,004; Aug. 29.
- Brake pedal depressor mechanism. W. E. and K. M. McCulloch and R. Lorence. 1,898,376; Feb. 21.
- Brake pipe vent valve. C. A. Campbell. 1,938,738; Dec. 12.
- Brake release attachment for motor vehicles. A. Hirschman. 1,915,996; June 27.
- Brake releasing mechanism, Automobile emergency. C. D. Wallond. 1,927,622; Sept. 19.
- Brake release mechanism for presses. J. E. Loshbough. 1,934,984; Nov. 14.
- Brake rigging. W. H. Baselt. 1,917,354; July 11.
- Brake rigging. W. H. Baselt. 1,936,896; Nov. 28.
- Brake rigging. W. H. Baselt. 1,936,898; Nov. 28.
- Brake rigging. T. C. Crossman. 1,913,625; June 13.
- Brake rigging. T. C. Crossman. 1,914,595; June 20.
- Brake rigging, Clasp. M. P. Blomberg. 1,911,940; May 30.
- Brake rigging for railway cars. C. Hankins. 1,903,997; Apr. 18.
- Brake rigging for railway cars. C. Hankins. 1,904,135; Apr. 18.
- Brake rigging for railway cars. C. Hankins. 1,912,346; May 30.
- Brake rigging, Truck. F. E. Schwentler. 1,914,619-20; June 20.
- Brake rigging, Truck. F. E. Schwentler. 1,939,926; Dec. 19.
- Brake rod construction. R. C. Warren. 1,928,083; Sept. 26.
- Brake rod support. H. Glascock. 1,921,028; Aug. 8.
- Brake rod supporting means. C. E. Wellman. 1,898,699; Feb. 21.
- Brake servo mechanism, Electric. V. G. Apple. 1,936,148; Nov. 21.
- Brake shoe. W. J. Andres. 1,928,043; Sept. 26.
- Brake shoe. V. G. Apple. 1,925,363; Sept. 5.
- Brake shoe. R. A. Babel. 1,924,590; Aug. 29.
- Brake shoe. A. F. Emmord. 1,909,256; May 16.
- Brake shoe. E. R. Evans. 1,924,113; Aug. 29.
- Brake shoe. R. A. Goepfrich. 1,919,550; July 25.
- Brake shoe. E. J. Hirvonen. 1,923,203; Aug. 22.
- Brake shoe. J. H. Hunt. 1,937,891; Dec. 5.
- Brake shoe. R. F. Kohr. 1,930,718; Oct. 17.
- Brake shoe. L. E. La Brie. 1,908,483; May 9.
- Brake shoe. L. Loughead. 1,932,628; Oct. 31.
- Brake shoe. E. G. McDonald. 1,915,090; June 20.
- Brake shoe. A. Nelson. 1,935,330; Nov. 14.
- Brake shoe. R. J. Norton. 1,906,711; May 2.
- Brake shoe. J. W. Peterson. 1,898,310; Feb. 21.
- Brake shoe. R. B. Pogue. 1,907,573; May 9.
- Brake shoe. R. B. Pogue. 1,912,656; June 6.
- Brake shoe. R. B. Pogue. 1,921,837-8; Aug. 8.
- Brake shoe. A. D. Pope. 1,908,443; May 9.
- Brake shoe. J. A. Reasoner. 1,896,013; Jan. 31.
- Brake shoe. W. D. Sargent. 1,893,306; Jan. 3.
- Brake shoe. F. W. Sargent. 1,937,129; Nov. 28.
- Brake shoe. J. Sneed. 1,917,184; July 4.
- Brake shoe. W. B. Sutherland. 1,905,575-6; Apr. 25.
- Brake shoe. G. J. Thomas. 1,917,911; July 11.
- Brake shoe. S. Whitworth. 1,911,415; May 30.
- Brake shoe. S. Whitworth. 1,934,460; Nov. 7.
- Brake shoe. W. H. Winters. 1,907,635; May 9.
- Brake shoe. W. H. Winters. 1,927,251-2; Sept. 19.
- Brake shoe. K. M. Yost. 1,906,688; May 2.
- Brake shoe and making same. J. Sneed. 1,916,851; July 4.
- Brake shoe burnisher. A. Y. Dodge. 1,918,020; July 11.
- Brake shoe casting. C. W. Armbrust. 1,914,229; June 13.
- Brake shoe, Friction. W. A. Blume. 1,912,684; June 6.
- Brake shoe, Friction. W. A. Blume. 1,937,140; Nov. 28.
- Brake shoe key. M. N. Trainer. 1,927,248; Sept. 19.
- Brake shoe lining assembling tool. H. B. Barrett. 1,926,022; Sept. 12.
- Brake shoe, Making a. R. A. Goepfrich. 1,935,357; Nov. 14.
- Brake shoe manufacture. R. B. Pogue. 1,921,836; Aug. 8.
- Brake shoe mold. F. M. Poe. 1,912,655; June 6.
- Brake shoe reinforce. R. B. Pogue. 1,916,387; July 4.
- Brake shoe relining device. G. Favalli. 1,896,296; Feb. 7.
- Brake shoe structure. C. W. Armbrust. 1,914,230; June 13.
- Brake shoe, Three-piece. M. Loughead. 1,915,857; June 27.
- Brake shoe turning machine. S. Whitworth and L. E. Long. 1,940,474; Dec. 19.
- Brake shoe wedge means. V. H. Harbert. 1,910,541; May 23.
- Brake shoe, Welded. R. B. Townsend. 1,937,997; Dec. 5.
- Brake shoes and blanks therefor, Forming. S. Whitworth. 1,900,004; Mar. 7.
- Brake shoes, Apparatus for lining. W. G. Stoner. 1,910,507; May 23.
- Brake shoes, Making. E. R. Evans. 1,924,114; Aug. 29.
- Brake shoes, Manufacture of. L. E. La Brie. 1,914,997; June 20.
- Brake shoes, Method and apparatus for lining. W. G. Stoner. 1,923,462; Aug. 22.
- Brake staff, Drop. J. Wilson. 1,906,687; May 2.
- Brake supporting mechanism. W. C. Hedgcock. 1,936,392; Nov. 21.
- Brake system, Air. M. J. Farrell and L. Staffaroni. 1,897,894; Feb. 14.
- Brake system, Air. F. L. Hinman. 1,909,403; May 16.
- Brake system, Automatic air. T. James. 1,932,410; Oct. 31.
- Brake system, Automotive. C. A. Campbell. 1,903,978; Apr. 18.
- Brake system for automobiles, Hydraulic. A. J. Weatherhead, Jr. 1,909,989; May 23.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,898,287; Feb. 21.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,904,267; Apr. 18.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,907,491; May 9.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,908,400; May 9.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,911,425; May 30.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,923,186; Aug. 22.
- Brake system for automotive vehicles. C. S. Bragg and V. W. Kliersath. 1,935,389; Nov. 14.
- Brake system for automotive vehicles, Hydraulic. C. S. Bragg and V. W. Kliersath. 1,923,185; Aug. 22.
- Brake systems, Automatically supplying fluid. V. G. Apple. 1,930,033; Oct. 10.
- Brake tester. F. S. Belknap. 1,904,713; Apr. 18.
- Brake tester. B. F. Hawley. 1,906,750; May 2.
- Brake tester. L. Kreamer. 1,916,622; July 4.
- Brake tester. H. W. Langbein. 1,894,405; Jan. 17.
- Brake tester. A. E. Linendoll. 1,912,286; May 30.
- Brake tester. G. A. Weight. 1,925,219; Sept. 5.
- Brake tester. J. Zenz and H. R. Kennedy. 1,903,020; Mar. 28.
- Brake tester, Auto. H. L. Willard. 1,939,154; Dec. 12.
- Brake tester, Automobile. J. H. Harth. 1,894,174; Jan. 10.
- Brake tester, Electrical. R. J. Morton. 1,938,349; Dec. 5.
- Brake tester for vehicle wheels. I. A. Weaver. 1,931,780; Oct. 24.
- Brake tester, Static. R. K. Cadwell. 1,922,659; Aug. 15.
- Brake tester, Vehicle. J. P. Bland. 1,938,242; Dec. 5.
- Brake tester, Vehicle. J. Zenz and H. R. Kennedy. 1,894,916; Jan. 17.
- Brake tester, Vehicle-wheel. I. E. Weaver. 1,892,919; Jan. 3.
- Brake testing apparatus. R. N. Brown. 1,924,833; Aug. 29.
- Brake-testing apparatus. P. J. Donovan. 1,932,287; Oct. 24.
- Brake testing apparatus. H. H. Semmes. 1,932,285; Oct. 24.
- Brake testing device. A. Getzloff. 1,927,739; Sept. 19.
- Brake testing device, Auto. H. G. Hedde. 1,923,373; Aug. 22.
- Brake testing device, Automobile. C. E. Musgrave. 1,929,149; Oct. 3.
- Brake testing device, Automobile. C. E. Yorgason. 1,893,529; Jan. 10.
- Brake testing device for vehicle wheels. T. A. Patterson. 1,902,718; Mar. 21.

- Brake testing equipment. H. K. Bigelow. 1,894,935; Jan. 17.
- Brake testing instrumentality. C. H. Oliver. 1,900,581; Mar. 7.
- Brake testing machine. P. J. Donavan. Re18,745; Feb. 21.
- Brake testing machine. J. B. Fullerton and C. F. Rosseter. 1,918,026; July 11.
- Brake testing machine. R. Z. Hopkins, A. E. Fellers, and G. T. Davey. 1,909,827; May 16.
- Brake testing machine. G. J. Mercer. 1,932,290; Oct. 24.
- Brake testing means and methods for automobiles. L. C. Stukenborg. 1,894,643; Jan. 17.
- Brake testing mechanism. C. E. Starr. 1,922,871; Aug. 15.
- Brake throw measuring device. L. L. Grabam. 1,901,292; Mar. 14.
- Brake tool. L. R. Myers and O. Mayer. 1,927,898; Sept. 26.
- Brake trailers, Automatic. G. L. Even. 1,936,832; Nov. 28.
- Brake unit, Power. E. A. Rockwell and M. Garancher. 1,896,877; Feb. 7.
- Brake valve. F. P. Frankford. 1,918,025; July 11.
- Brake valve device. E. E. Hewitt. 1,939,896; Dec. 19.
- Brake valve device. E. K. Lynn. 1,939,907; Dec. 19.
- Brake valve device. U. A. Whitaker. 1,919,404; July 25.
- Brake with expanding members. R. A. Babel and L. Jaquet. 1,907,472; May 9.
- Brake with stage braking, Compressed air. W. Hotz. 1,906,156; Apr. 25.
- Brakes, Apparatus for testing. G. W. Brogan. 1,919,929; July 25.
- Brakes, Apparatus for the control of train. L. O. Grondahl. 1,900,403; Mar. 7.
- Brakes, Apparatus for the control of vehicle. L. O. Grondahl. 1,900,404; Mar. 7.
- Brakes, Boot for. E. R. Evans. 1,912,831; June 6.
- Brakes, Cooling. L. C. Huck. 1,924,060; Aug. 22.
- Brakes, Mounting railway car hand. K. W. Burnett. 1,902,812; Mar. 28.
- Braking and clutch mechanism for vehicles, Vacuum. M. Leupold. 1,923,567; Sept. 26.
- Braking apparatus. B. Dick. 1,898,036; Feb. 21.
- Braking apparatus. S. Schnell. 1,930,112; Oct. 10.
- Braking apparatus. S. Schnell. 1,940,022; Dec. 19.
- Braking apparatus. J. B. Turman. 1,907,017; May 2.
- Braking apparatus, Eddy current track. A. Meyer. 1,918,859; July 18.
- Braking apparatus for car trucks. E. Latshaw. 1,896,961; Feb. 7.
- Braking apparatus, Railway. H. L. Bone. 1,896,050; Jan. 31.
- Braking apparatus, Railway. H. L. Bone. 1,906,523; May 2.
- Braking apparatus, Railway. H. L. Bone. 1,927,201; Sept. 19.
- Braking apparatus, Railway. H. C. Clausen. 1,931,142; Oct. 17.
- Braking apparatus, Railway. J. W. Logan, jr. 1,931,149; Oct. 17.
- Braking apparatus, Railway. J. W. Logan, jr. 1,937,768; Dec. 5.
- Braking attachment for sanding machines. J. M. Nash. 1,919,477; July 25.
- Braking component, Apparatus for measuring. H. W. Langbein. 1,920,263; Aug. 1.
- Braking device. A. Marek. 1,896,454; Feb. 7.
- Braking device. L. Rouanet. 1,892,966; Jan. 3.
- Braking device. F. See and C. J. Utley. 1,926,634; Sept. 12.
- Braking device for motor vehicles. C. Schaeffer. 1,913,901; June 13.
- Braking device, Motor vehicle. F. C. Raber. 1,935,414; Nov. 14.
- Braking, Electric. W. A. Stevens. 1,933,230; Oct. 31.
- Braking means. E. B. Boughton. 1,914,844; June 20.
- Braking mechanism. S. F. Arbuckle and A. L. Vargha. 1,908,214; May 9.
- Braking mechanism. B. Dick. 1,928,095; Sept. 26.
- Braking mechanism, Electric. R. E. Adams. 1,937,862; Dec. 5.
- Braking mechanism for motor-operated vehicles, Vacuum-controlled. F. L. Shelor. 1,937,444; Nov. 28.
- Braking mechanism for yielding highway barriers. P. C. Butte. 1,896,389; Feb. 7.
- Braking of single phase commutator motors, Regenerative. R. Stix. 1,899,778; Feb. 28.
- Braking system. H. D. James. 1,924,321; Aug. 29.
- Braking system, Fluid pressure. E. B. Boughton, W. Emmott, and D. T. Brock. 1,908,505; May 9.
- Braking system, Fluid pressure. W. A. Brecht. 1,922,227; Aug. 15.
- Braking system for automotive vehicles. W. Ribekof. 1,908,183; May 9.
- Braking system, Hydraulic. M. W. Bowen. 1,897,230; Feb. 14.
- Braking system, Hydraulic. B. H. Shinn. 1,940,822; Dec. 26.
- Branch-fitting for water-tubes and making same. E. S. Cornell, jr. 1,933,710; Nov. 7.
- Branch-fitting for water-tubes and the like. E. S. Cornell, jr. 1,933,711; Nov. 7.
- Branding and inking device. A. C. Flothow. 1,916,661; July 4.
- Branding articles, Apparatus for. W. E. Humphrey. 1,922,852; Aug. 15.
- Branding attachment for wrapping machines. J. E. McKinnon. 1,938,969; Dec. 12.
- Branding device. M. Deutsch. 1,919,688; July 25.
- Branding device. H. H. McKee. 1,936,170; Nov. 21.
- Branding-iron furnace. G. H. Parsons. 1,932,559; Oct. 31.
- Branding machine. S. B. and W. A. Neff. 1,940,691; Dec. 26.
- Branding machine for circular containers. G. A. Racouillat. 1,935,816; Nov. 21.
- Brass, Electrolytic refining of. C. A. Rose. 1,920,819; Aug. 1.
- Brass, Reinforced bearing. A. C. Ryan. 1,914,581; June 20.
- Brass refining. C. A. Rose and B. M. O'Harra. 1,920,820; Aug. 1.
- Brassière. J. P. Greig. Des. 89,302-3; Feb. 21.
- Brassière. C. Gudeman. 1,923,821; Aug. 22.
- Brassière. H. Schottenfels. 1,914,301; June 13.
- Brassière. F. Tournier. Des. 90,517; Aug. 15.
- Brassière. J. A. Weil. 1,936,532; Nov. 21.
- Brassière. R. Yonts. 1,926,078; Sept. 12.
- Brassière and step-in, Combined. M. C. Hennessy. 1,909,273; May 16.
- Brassière, Corrective. P. Clancy. 1,937,008; Nov. 28.
- Bread and the like for wrapping, Preparation of. W. Muller. 1,901,115; Mar. 14.
- Bread dough improving and bleaching process and composition. A. R. Sasse. 1,913,044; June 6.
- Bread improving process and product. A. K. Epstein and E. R. Harris. 1,907,764; May 9.
- Bread-leavening composition. M. Bonotto. 1,914,478; June 20.
- Bread serving appliance. C. Holdgrafer. 1,902,239; Mar. 21.
- Bread slicing appliance. W. R. Webster. 1,918,675; July 18.
- Bread slicing machine. H. J. Criner. 1,925,481; Sept. 5.
- Bread slicing machine. H. J. Criner. 1,934,621-2; Nov. 7.
- Bread slicing machine. H. J. Criner. 1,937,332; Nov. 28.
- Bread slicing machine. S. Debus. 1,940,998; Dec. 26.
- Bread slicing machine. O. F. Rohwedder. 1,935,996; Nov. 21.
- Bread slicing machine. A. C. Van Hooydonk. 1,930,292; Oct. 10.
- Bread-slicing machine. A. C. Van Hooydonk. 1,936,278; Nov. 21.
- Bread slicing machine, Rotary. H. J. and H. E. Criner. 1,937,264; Nov. 28.
- Bread wrapping machine. L. F. Streng. 1,902,734; Mar. 21.
- Break disconnecting switch, Horizontal. A. Alsaker, W. O. Hampton, and C. A. Koerner. 1,901,688; Mar. 14.
- Break web stitch and cutter, Automatic. C. J. V. Hentschell and G. H. Wheldon. 1,929,114; Oct. 3.
- Breaker and beater roll. J. D. Haskell. 1,895,188; Jan. 24.
- Breaker mechanism. F. T. Irgens. 1,905,096; Apr. 25.
- Breaker strip. G. D. Mallory. 1,894,237; Jan. 10.
- Breast lift. J. J. Wallace. 1,904,637; Apr. 18.
- Breast wrench. J. Duduletz. 1,900,169; Mar. 7.
- Breather valve for tanks. H. A. Jones. 1,918,337; July 18.
- Breathing apparatus. J. L. Belcher. 1,901,219; Mar. 14.
- Breathing apparatus. W. P. Biggs. 1,926,027; Sept. 12.
- Breathing apparatus. A. B. Dräger. 1,917,182; July 4.
- Breech loading ordnance. J. Osip and J. Kolemba. 1,917,994; July 11.
- Brick. G. Witty. 1,914,061; June 13.
- Brick and checker work, Checker. A. W. Smith, C. H. Heist, and B. M. Stubblefield. 1,925,506; Sept. 5.
- Brick and checker work formed therefrom, Checker. J. W. Wagstaff. 1,902,348; Mar. 21.
- Brick and method, Refractory. R. P. Heuer. 1,939,211; Dec. 12.
- Brick and producing same, Ornamental. E. C. Hervey. 1,905,170; Apr. 25.
- Brick, Checker. C. J. A'Hearn. 1,907,170; May 2.
- Brick cleaning machine. G. E. Noble and O. P. Quigley. 1,915,751; June 27.
- Brick edging machine. G. E. Luce. 1,905,477; Apr. 25.
- Brick, Face. J. E. Minter. 1,923,636; Aug. 22.
- Brick, Fluted rub. G. W. Chormann. 1,931,718; Oct. 24.
- Brick for checker work regenerators, Fire. B. P. Wheeler and W. G. Smith. 1,895,302; Jan. 24.
- Brick hacking apparatus. F. C. Layer. 1,900,243; Mar. 7.
- Brick, High pressure process for molding refractory. R. P. Heuer. 1,911,152; May 23.
- Brick holder. R. A. Weiss. 1,899,125; Feb. 28.
- Brick kiln arches, Building. L. W. Sheibamer. 1,912,662; June 6.
- Brick machine. H. E. Dunn. 1,908,640; May 9.
- Brick making. R. E. Parry. 1,910,496; May 23.
- Brick making process in which quick drying and burning are combined in a single operation. F. Bandini. 1,906,785; May 2.
- Brick manufacture and mold therefor, System of soft mud. J. A. Crowell. 1,909,523; May 16.
- Brick mold. J. A. Crowell. 1,897,792; Feb. 14.
- Brick mold. J. A. Crowell. 1,898,715; Feb. 21.
- Brick molding machine, Checker. F. M. Miller. 1,899,708; Feb. 28.

- Brick or other article, Basic refractory. C. S. Garnett. 1,912,894; June 6.
- Brick or tile molding machine, Hollow. L. Frandsen. 1,906,744; May 2.
- Brick press. R. B. Stuckey. 1,925,416; Sept. 5.
- Brick siding. H. D. Brown. 1,908,313; May 9.
- Brick siding. Shiplap. F. Schaffert. 1,931,709; Oct. 24.
- Brick system, Checker. F. M. Miller. 1,907,852; May 9.
- Brick veneer construction. F. H. Meier. 1,909,625; May 16.
- Brickwork construction for regenerator furnaces, Checker. W. B. Mitchell. 1,897,270; Feb. 14.
- Brickwork construction for regenerators, Checker. J. F. Hyslop. 1,900,817; Mar. 7.
- Bricks and bricks made thereby, Surface treating. C. F. Tefft. 1,896,126; Feb. 7.
- Bricks and the like, Continuously manufacturing building. F. Fanta. 1,933,051; Oct. 31.
- Bricks, Making. F. M. Miller. 1,899,709; Feb. 28.
- Bricks, Method and apparatus for making refractory. E. Lux, W. H. Daniels, and E. Kühn. 1,937,028; Nov. 28.
- Bridge. C. L. Keller. 1,897,056; Feb. 14.
- Bridge, Automatically adjustable continuous. E. M. Wichert. Re18,973; Oct. 24.
- Bridge bid indicator and container, Combined. E. Jacobs. Des. 89,509; Mar. 21.
- Bridge, Concrete arch. K. P. Billner. 1,893,491; Jan. 10.
- Bridge, Drop cord and canopy supporting. J. B. Glowacki. 1,901,233; Mar. 14.
- Bridge, Fishing. H. Shiraishi and W. S. O'Hira. 1,894,428; Jan. 17.
- Bridge, Fixture. J. B. Glowacki. 1,901,235; Mar. 14.
- Bridge for an ophthalmic mounting. C. O. Cozzens. Des. 89,610; Apr. 18.
- Bridge for goggles. S. E. Bouchard. 1,925,368; Sept. 5.
- Bridge, Lift. J. B. Strauss. 1,909,431; May 16.
- Bridge, Pontoon. J. H. Tourchette. 1,934,286; Nov. 7.
- Bridge stand. B. J. Paulson. Des. 88,983; Jan. 10.
- Bridge, Suspension. C. A. Forsell. 1,897,470; Feb. 14.
- Bridge tally. V. Martin. Des. 89,242; Feb. 7.
- Bridge to metallic lens rims, Securing a metallic. J. Fielding. 1,919,938; July 25.
- Bridge to nonmetallic lens rims, Securing a metallic. J. Fielding. 1,919,937; July 25.
- Bridge, Triadic, interlocking strut and truss, catenary, and suspension. A. C. Rush. 1,895,734; Jan. 31.
- Bridge watch. A. Lombardo. Des. 88,969; Jan. 10.
- Bridging plug. N. W. Wickersham and E. F. Raymond. 1,915,771; June 27.
- Bridle ring. R. A. Armie. 1,921,797; Aug. 8.
- Bridle strap or tape. J. H. Burroughs. 1,940,532; Dec. 19.
- Brief case. E. J. Barnard. 1,940,900; Dec. 26.
- Brief case. C. Schell. 1,894,544; Jan. 17.
- Brief case, portfolio, and the like. N. Ottinger. 1,920,586; Aug. 1.
- Bright annealing. A. B. Kinzel. 1,931,134; Oct. 17.
- Brine for the transmission of heat and cold. F. Werner. 1,939,937; Dec. 19.
- Brine freezing and icing or glazing edibles, Apparatus for. A. H. De Rome. 1,922,795; Aug. 15.
- Brines, Treating. C. W. Jones. 1,893,744; Jan. 10.
- Briquet. G. Komarek and G. MacPhail. 1,893,417; Jan. 3.
- Briquette and binder for the same. I. Rosenwald. 1,924,457; Aug. 29.
- Briquette and manufacturing briquettes. C. W. Sewell. 1,920,327; Aug. 1.
- Briquette and process of manufacture. A. A. Epstein. 1,900,173; Mar. 7.
- Briquette and producing same. W. E. Trent. 1,923,803; Aug. 22.
- Briquetted materials, Sintering. C. R. Short. 1,922,402; Aug. 15.
- Briquettes, Apparatus for carbonizing. E. L. Willson. 1,927,968; Sept. 26.
- Briquettes, Carbonizing. E. L. Willson. 1,918,162; July 11.
- Briquettes, Manufacturing. G. Komarek, G. MacPhail, and C. Coryell. 1,893,555; Jan. 10.
- Briquettes, Producing carbonized fuel. W. C. Carpenter. 1,908,689; May 16.
- Briquetting machine. R. T. Bowling. 1,906,245; May 2.
- Briquetting machine. J. F. Callahan. 1,912,690; June 6.
- Briquetting machine. F. W. Hasing. 1,931,759; Oct. 24.
- Bristles and making the same, Artificial. C. Dreyfus, W. Whitehead and H. W. Kuhl. 1,930,229; Oct. 10.
- B. T. U. meter. A. E. Young. 1,912,420; June 6.
- Broach. C. J. Halborg. 1,935,774; Nov. 21.
- Broach. F. J. La Pointe. 1,939,820; Dec. 19.
- Broach centering apparatus. G. J. Russell. 1,905,508; Apr. 25.
- Broach machine, Hydraulic. F. J. Lapointe. 1,937,121; Nov. 28.
- Broaching apparatus. H. T. Jones and R. McElroy. 1,925,837; Sept. 5.
- Broaching device. C. J. Halborg. 1,937,887; Dec. 5.
- Broaching guide. G. J. Russell. 1,905,505; Apr. 25.
- Broaching machine. J. P. Ferris. 1,897,386; Feb. 14.
- Broaching machine. J. P. Ferris. 1,898,576; Feb. 21.
- Broaching machine. W. Ferris. 1,901,500; Mar. 14.
- Broaching machine. W. Ferris. 1,935,551; Nov. 14.
- Broaching machine. J. P. and W. Ferris. 1,905,164; Apr. 25.
- Broaching machine. C. Landers. 1,916,516; July 4.
- Broaching machine. G. J. Russell. 1,905,506; Apr. 25.
- Broaching machine. C. Vallone and J. H. Illig. 1,938,233; Dec. 5.
- Broaching machine, Duplex hydraulic. D. H. West. 1,932,760-1; Oct. 31.
- Broaching machine, External. G. J. Russell. 1,905,507; Apr. 25.
- Broaching machine for gears. C. J. Halborg. 1,935,775; Nov. 21.
- Broaching tool. W. A. Hart. 1,938,424; Dec. 5.
- Broaching tool. F. V. McKinless, jr. 1,941,217; Dec. 26.
- Broadcast receiver apparatus. H. Y. Prendergast. 1,922,861; Aug. 15.
- Broadcast transmitting system. J. Wienberger. 1,927,860; Sept. 26.
- Broadcaster distributing machine. J. G. Bailey. 1,912,172; May 30.
- Broadcasting on waves of one meter and one decimeter, Arrangement. F. Schröter. 1,918,291; July 18.
- Broadcasting receiver set and gramophone, Combination of a. W. Seidinger. 1,930,776; Oct. 17.
- Broiler, Barbecue. E. A. Domes. Des. 89,171-2; Feb. 7.
- Broiler, Electric. B. A. Coding. 1,903,324; Apr. 4.
- Broiler, Electric. R. E. Galer. 1,893,989; Jan. 10.
- Broiler mechanism for combination ranges. G. F. Bibb. 1,932,170; Oct. 24.
- Broiling apparatus. G. M. Krag. 1,923,100; Aug. 22.
- Bromates, Preparation of. C. A. Hochwalt and J. B. Waluszi. 1,919,721; July 25.
- Bromide recovery from spent developers. K. C. D. Hickman and W. J. Weyerts. 1,930,143; Oct. 10.
- Bromine and iodine conjointly, Recovering. C. W. Jones. 1,927,663; Sept. 19.
- Bromine and iodine, Making. L. P. Curtin and W. Thordarson. 1,916,094; June 27.
- Bromine, Continuous process of preparing liquid. I. F. Harlow, I. A. Kenaga, and G. F. Dressel. 1,902,801; Mar. 21.
- Bromine from dilute saline solutions, Extracting. J. J. Grebe, R. H. Boundy, and L. C. Chamberlain. 1,917,762; July 11.
- Brom-isatin, Preparing. C. J. Strosacker, C. C. Kennedy, and E. L. Pelton. 1,901,615; Mar. 14.
- Bronze colors, Manufacturing. E. Kramer. 1,930,684; Oct. 17.
- Bronze colors polishing machine. E. Kramer. 1,909,586; May 16.
- Bronze foils, Manufacturing disintegrated. E. Kramer. 1,932,741; Oct. 31.
- Bronze or brass treatment and application. H. E. Gannett. 1,929,739; Oct. 10.
- Brooch. O. Heyman. 1,894,686; Jan. 17.
- Brooch. F. Licher. Des. 90,078; June 6.
- Brooch assemblage. O. Placco. 1,917,325; July 11.
- Brooder. K. W. Casey. 1,936,978; Nov. 28.
- Brooder. V. C. Getz. 1,919,884; July 25.
- Brooder. T. H. Hart. 1,922,086; Aug. 15.
- Brooder. W. R. Hartung. 1,924,207; Aug. 29.
- Brooder. R. M. Petersime. 1,918,125; July 11.
- Brooder. A. R. Wood. 1,929,088; Oct. 3.
- Brooder air circulating device. E. Anthony and A. B. Cropp. 1,929,834; Oct. 10.
- Brooder alarm. W. H. Goettsch. 1,893,407; Jan. 3.
- Brooder, Animal. B. F. Jensen. 1,895,127; Jan. 24.
- Broom. L. M. Goeller. 1,899,322; Feb. 28.
- Broom. A. J. Warren. 1,925,617; Sept. 5.
- Broom and handle connection therefor, Sweeping. M. R. Morton. 1,895,229; Jan. 24.
- Broom and mop holder. F. J. Rauchut. 1,908,554; May 9.
- Broom handle. R. R. Turner. Des. 90,130; June 13.
- Broom heads to their sticks, Device for securing. E. A. Young. 1,905,670; Apr. 25.
- Broom holder. G. W. Mallory. 1,925,767; Sept. 5.
- Broom machine. A. Kamber. 1,892,800; Jan. 3.
- Broom rack. J. M. Smygel. 1,903,796; Apr. 18.
- Brooms and brushes, Manufacture of. C. Barnett and W. Barnett. 1,928,990; Oct. 3.
- Brush. S. Aki. 1,904,260; Apr. 18.
- Brush. W. F. Albright. 1,897,381; Feb. 14.
- Brush. G. B. Aufesser. Des. 89,433; Mar. 14.
- Brush. G. B. Aufesser. Des. 89,461; Mar. 14.
- Brush. M. C. Barton. 1,901,139; Mar. 14.
- Brush. J. D. Bates. 1,924,147; Aug. 29.
- Brush. J. F. Connor. 1,919,010; July 18.
- Brush. J. F. Connor. 1,919,011; July 18.
- Brush. C. F. Craig. 1,928,929; Oct. 3.
- Brush. F. Eisenhut and C. W. Pennington. 1,910,153; May 23.
- Brush. G. F. Ingwersen and T. C. Steiner. 1,927,093; Sept. 19.
- Brush. D. B. Justice. 1,927,747; Sept. 19.
- Brush. P. Mednick. 1,928,110-11; Sept. 26.
- Brush. A. Renschin. 1,936,174; Nov. 21.
- Brush. A. C. Rounds. 1,916,334; July 4.
- Brush. K. Vogler. 1,922,752; Aug. 15.
- Brush. W. B. Wansor. 1,901,542; Mar. 14.
- Brush. F. C. White. 1,918,440; July 18.
- Brush, Abrading. C. E. Sturgis. 1,903,520; Apr. 11.
- Brush and card, Paint. N. J. Previte. 1,911,288; May 30.
- Brush and comb construction, Combined. A. F. Reilly. 1,895,940; Jan. 31.
- Brush and holder, Washer. E. G. Griffith. 1,924,432; Aug. 29.

- Brush and like brush, Shaving. M. L. Bramson. 1,904,612; Apr. 18.
- Brush and making the same. W. L. Semon. 1,906,426; May 2.
- Brush and mounting therefor, Bottle. H. G. Volckening. 1,897,777; Feb. 14.
- Brush and shoe horn, Combination. J. Spencer. Des. 89,802; May 2.
- Brush and soap container, Combination shaving. C. N. Bohanan. 1,909,146; May 16.
- Brush, Artificial denture. A. E. Swanson. 1,909,432; May 16.
- Brush attachment, Paint. J. Kinpointer. 1,915,893; June 27.
- Brush, Cleaning. G. V. Evans. 1,904,041; Apr. 18.
- Brush, Cleaning. T. W. Miller. 1,930,441; Oct. 10.
- Brush, Cleaning and washing. H. Beisser. 1,904,940; Apr. 18.
- Brush, Collector ring. F. P. Fuller. 1,895,756; Jan. 31.
- Brush container. E. C. Morck. 1,931,293; Oct. 17.
- Brush cutter. L. C. Karstedt. 1,894,516; Jan. 17.
- Brush cutter. L. L. Smith. 1,908,548; May 9.
- Brush, Dabbing. F. H. Hardy. 1,919,786; July 25.
- Brush, Demountable shaving. W. Deutsch. 1,911,557; May 30.
- Brush, Dental. E. L. Chott. 1,918,521; July 18.
- Brush, Dental. C. Swope and L. D. Laird. 1,937,857; Dec. 5.
- Brush, Denture. F. J. Traxl. 1,930,571; Oct. 17.
- Brush, Floor and wall. A. E. Baker. 1,904,774; Apr. 18.
- Brush for electrolytic use and electrodes therefor. F. Conlin. 1,908,222; May 9.
- Brush for eyelashes and eyebrows. T. Wagner. 1,905,399; Apr. 25.
- Brush for putting on tooth paste, cream, and the like. C. F. Nielsen. 1,940,180; Dec. 19.
- Brush for textile printing machines, Furnisher. G. R. Keltie. 1,915,128; June 20.
- Brush, Fountain. G. Lupo. 1,936,724; Nov. 28.
- Brush, Fountain. G. S. Martin and D. R. McGraw. 1,940,002; Dec. 19.
- Brush, Fountain. C. S. Olson. 1,939,516; Dec. 12.
- Brush, Fountain. J. De Phillips. 1,905,960; Apr. 25.
- Brush, Fountain. G. Reisinger. 1,901,822; Mar. 14.
- Brush, Fountain. S. E. Wallace. 1,918,069; July 11.
- Brush, Fountain. H. T. Weck. 1,907,376; May 2.
- Brush, Fountain marking. J. Auld. 1,910,737; May 23.
- Brush, Fountain shaving. G. W. Boulds. 1,932,686; Oct. 31.
- Brush, Fountain shaving. L. B. Pierson, E. R. Dawson, and H. S. Coulter. 1,936,261; Nov. 21.
- Brush, Greasing. W. F. Dehuff. 1,899,318; Feb. 28.
- Brush, Hand operated traffic line painting. J. B. Pridgen and H. B. Wentz. 1,941,321; Dec. 26.
- Brush handle, Shaving. H. H. Richardson. 1,932,603; Oct. 31.
- Brush having a reservoir for the soap, Shaving. H. Depasse. 1,906,140; Apr. 25.
- Brush head, Removable. S. Mazzella. 1,894,882; Jan. 17.
- Brush holder. V. S. Firestone and F. Sward. 1,906,902; May 2.
- Brush holder. W. H. Kitta. 1,933,628; Nov. 7.
- Brush holder. J. R. Silva. 1,910,132; May 23.
- Brush holder, Adjustable. F. Wozar. 1,917,747; July 11.
- Brush-holder assembly. H. F. Hartman. 1,934,350; Nov. 7.
- Brush killer. L. D. Pender. 1,917,731; July 11.
- Brush lifting device. C. Ringwald. 1,933,760; Nov. 7.
- Brush machine. C. Jobst. 1,899,694; Feb. 28.
- Brush, Magazine. L. B. Wolff. 1,933,291; Oct. 31.
- Brush, Magazine shaving. C. C. Wuest. 1,893,191; Jan. 3.
- Brush making machine. H. Cave. 1,897,968; Feb. 14.
- Brush making machine. A. Zahoransky. 1,902,113; Mar. 21.
- Brush making machine. A. Zahoransky. 1,936,743; Nov. 28.
- Brush making machinery. E. B. Page. 1,911,203; May 30.
- Brush mechanism for bottle washers, Outside. R. J. Wynne and P. H. Meyer. 1,934,249; Nov. 7.
- Brush member. T. E. D. Bilde. 1,892,926; Jan. 3.
- Brush-mounting means. S. G. Langley. 1,927,176; Sept. 19.
- Brush or the like, Soap dispensing shaving. L. V. Aronson. 1,937,005-6; Nov. 28.
- Brush plate assembly. H. J. Graham and L. A. Darling. 1,923,864; Aug. 22.
- Brush, Powdering. F. T. Powers. 1,906,809; May 2.
- Brush, Power-driven rotary. A. Albera. 1,926,223; Sept. 12.
- Brush protecting device. E. R. Loomis. 1,934,316; Nov. 7.
- Brush rigging for electrical apparatus. J. F. Cullin. 1,935,789; Nov. 21.
- Brush, Rotary. R. A. Fessenden. 1,901,503; Mar. 14.
- Brush, Rotary. W. Hanelt. 1,920,077; July 25.
- Brush, Rotary. C. S. Ott and J. R. Lewis. 1,898,464; Feb. 21.
- Brush, Rotary. R. R. Radinse. 1,920,667; Aug. 1.
- Brush, Sanitary. E. Currie. 1,904,917; Apr. 18.
- Brush selector with mechanical brush selection, Multiple. F. Merk. 1,895,265; Jan. 24.
- Brush shaft holding and driving means for vacuum cleaners. L. W. Richardson and A. D. Wassall. 1,903,794; Apr. 18.
- Brush, Shaving. J. M. Henriquez. 1,918,101; July 11.
- Brush, Shaving. H. F. Horne. 1,905,171; Apr. 25.
- Brush, Shaving. E. S. Jones. 1,920,398; Aug. 1.
- Brush, Shaving. S. W. Mulhollen. 1,896,589; Feb. 7.
- Brush, Shaving. J. D. Powell. 1,899,984; Mar. 7.
- Brush, Surgeon's scrubbing. A. C. Butts and N. Perry. 1,911,547; May 30.
- Brush, Toilet. J. A. Garland. 1,939,344; Dec. 12.
- Brush, Typewriter. C. E. Goard. 1,899,090; Feb. 28.
- Brush, Vacuum clothes. M. J. Skidelsky. 1,930,778; Oct. 17.
- Brush wheel structure for fruit washers. E. G. Griffith. 1,915,605; June 27.
- Brush with finger guide groove, Toilet. E. J. Fay. Des. 89,299; Feb. 21.
- Brushes, Apparatus for making. W. Epp. 1,941,843; Dec. 26.
- Brushes, Device for indicating wear of. E. T. Naylor. 1,920,659; Aug. 1.
- Brushes for generators, motors, motor-generators, or starters and the like, Sanding-in armature. L. T. Faley. 1,903,101; Mar. 28.
- Brushes, Making cup. R. G. Mertes. 1,900,575; Mar. 7.
- Brushes, Making shaving. G. D. Pushee. 1,923,884; Aug. 22.
- Brushing and polishing machine. B. De Nagy. Des. 90,308; July 18.
- Buck structure for laundry presses. F. W. Lindemann. 1,900,720; Mar. 7.
- Bucket. J. Berg. 1,899,006; Feb. 28.
- Bucket. J. W. Lowell. 1,923,678; Aug. 22.
- Bucket attachment, Dragline. P. Burke and B. E. Blanchard. 1,908,687; May 16.
- Bucket, Bait. E. Camporini. 1,897,571; Feb. 14.
- Bucket, Bait. W. J. Parrott. 1,934,815; Nov. 14.
- Bucket, Clamshell. W. A. Olson. 1,909,867; May 16.
- Bucket, Concrete. B. H. Kersting. 1,902,863; Mar. 28.
- Bucket, Conveyor. R. N. Riblet. 1,902,582; Mar. 21.
- Bucket, Digging. H. H. Barber. 1,916,354; July 4.
- Bucket, Drag. J. F. Yaun. 1,938,163; Dec. 5.
- Bucket, Dragline. P. Burke. 1,908,686; May 16.
- Bucket, Dragline. T. A. Ratkowski. 1,933,759; Nov. 7.
- Bucket, Drilling. B. E. Bertran. 1,926,325; Sept. 12.
- Bucket elevator. E. C. Slater. 1,925,024; Aug. 29.
- Bucket, Excavator. V. S. Penote. 1,927,323; Sept. 19.
- Bucket, Hoisting. E. E. Brosius. 1,936,660; Nov. 28.
- Bucket, Mechanically-operated. V. S. Firestone. 1,901,555; Mar. 14.
- Bucket, Minnow tackle. H. S. and H. L. Brown. 1,899,308; Feb. 28.
- Bucket operating and boom swinging mechanism for concrete pavers. E. Tranaas. 1,933,399; Oct. 31.
- Bucket or grapple. H. J. Brendlin. 1,909,520; May 16.
- Bucket or like receptacle. J. W. Robertson. 1,922,981; Aug. 15.
- Bucket, Pneumatic dump. H. H. Gilbert. 1,928,485; Sept. 26.
- Bucket, Scraper. L. P. Green. 1,932,175; Oct. 24.
- Bucket spinning process. F. E. Harrison and W. V. Sternberger. 1,930,516; Oct. 17.
- Bucket tally, Automatic. F. D. Ellermeier. 1,923,194; Aug. 22.
- Bucket trap. D. N. Crosthwait, Jr. 1,930,224; Oct. 10.
- Bucket wheel. J. H. Doran. 1,904,421; Apr. 18.
- Buckle. H. C. Hodge. 1,940,418; Dec. 19.
- Buckle. D. E. Horobin. 1,933,802; Nov. 7.
- Buckle. A. Mentkow. Des. 89,405; Mar. 7.
- Buckle. S. Rosenthal. Des. 89,286; Feb. 14.
- Buckle. S. Rosenthal. Des. 90,453; Aug. 8.
- Buckle. F. A. Schaefer. 1,913,413; June 13.
- Buckle. F. A. Schaefer. 1,934,951; Nov. 14.
- Buckle. J. I. Schaffer. 1,934,511; Nov. 7.
- Buckle. S. Stiffson. 1,924,295; Aug. 29.
- Buckle. P. W. White and P. Heinze. 1,929,158; Oct. 3.
- Buckle. W. Wunsche. 1,903,856; Apr. 18.
- Buckle and tie, Cotton bale. T. Owen. 1,934,995; Nov. 14.
- Buckle, Belt. R. W. Ayers. 1,920,834; Aug. 1.
- Buckle, Belt. G. J. Fromm. Des. 89,634-6; Apr. 18.
- Buckle, Belt. H. N. Trout and F. S. Ellis. 1,924,665; Aug. 29.
- Buckle, Belt. D. M. Wirth. 1,894,653-4; Jan. 17.
- Buckle, Belt. D. M. Wirth. 1,900,147; Mar. 7.
- Buckle, Belt. D. M. Wirth. 1,902,981; Mar. 28.
- Buckle, Belt. D. M. Wirth. 1,933,884; Nov. 7.
- Buckle, Foldable. M. Anderson. 1,902,535; Mar. 21.
- Buckle for garments. H. D. Adams. 1,908,209; May 9.
- Buckle, Garment. M. Hawie. 1,930,389; Oct. 10.
- Buckle, Loop prong. J. H. Domkee. 1,895,313; Jan. 24.
- Buckle, Loop slide. J. H. Domkee. 1,894,856; Jan. 17.
- Buckle or fastener. B. M. Whiteker. 1,898,650; Feb. 21.
- Buckle or similar article. A. Furtch. Des. 89,952; May 23.
- Buckle or similar article, Dress. A. F. Donovan. Des. 90,153; June 20.
- Buckle setting device. H. H. Evans. 1,896,666; Feb. 7.
- Buckle, Slide. J. H. Domkee. 1,894,303-4; Jan. 17.
- Buckle, Slide. J. H. Domkee. 1,894,855; Jan. 17.
- Buckram, Mechanism and process of producing. T. Palmer. 1,926,815; Sept. 12.
- Buff. Ventilated. W. L. Neu and G. A. Cheney. 1,936,203; Nov. 21.
- Buffer. C. A. Alden. 1,907,699; May 9.
- Buffer. S. Bäckström. 1,895,532; Jan. 31.
- Buffer. N. I. Edwards. 1,929,883; Oct. 10.

- Buffer. W. H. Miner. 1,905,486; Apr. 25.
 Buffer. D. Roe. 1,901,377; Mar. 14.
 Buffer. G. H. Zouck. 1,923,134; Aug. 22.
 Buffer, Broom handle. H. L. Kaufman. 1,937,348; Nov. 28.
 Buffer device for self-driven vehicles. A. Kirschen. 1,925,763; Sept. 5.
 Buffer for cutter bars, Recoil. N. B. Stone. 1,895,840; Jan. 31.
 Buffer, Furniture. W. J. Johnson. 1,935,718; Nov. 21.
 Buffer mechanism for car doors. A. W. Clarke. 1,894,668; Jan. 17.
 Buffer mechanism for railway cars, Upper. G. G. Gilpin. 1,923,435; Aug. 22.
 Buffer, Resilient. H. G. Jorgensen. 1,915,249; June 20.
 Buffer safety shop. J. Dunlop. 1,905,273; Apr. 25.
 Buffer, Spotting. J. B. Gaskins. 1,935,024; Nov. 14.
 Buffer stem antirattler means. G. E. Coutant. 1,934,761; Nov. 14.
 Buffer wheel. J. H. McGrady and W. R. Cypher. 1,926,812; Sept. 12.
 Buffer with closing device for doors, Hydraulic. C. Ischebeck. 1,941,399; Dec. 26.
 Buffers, Making automobile. G. A. Lyon. 1,917,267; July 11.
 Buffet. C. R. Kayser. Des. 90,851; Oct. 10.
 Buffet or the like. A. Ginsberg. Des. 90,110; June 13.
 Buffering apparatus. D. K. Singer. 1,899,427; Feb. 28.
 Buffering device for railway car vestibule diaphragms. P. Kass and G. S. Goodwin. 1,923,441; Aug. 22.
 Buffering machine. N. H. Knowlton. 1,912,528; June 6.
 Buffering machine. R. Luzardo. 1,893,424; Jan. 3.
 Buffering machine. W. T. Minett. 1,912,491; June 6.
 Buffering or polishing machine. F. W. Lovett. 1,931,500; Oct. 24.
 Buffering wheel. E. W. Hall. 1,916,759; July 4.
 Buffering wheel. J. W. Myers and E. E. Murray. 1,922,108; Aug. 15.
 Buffering wheel. H. Zimmerman. 1,927,862; Sept. 26.
 Buffering wheel blank plies. H. Zimmerman. 1,899,252; Feb. 28.
 Bug or lure, Floating. C. T. Pfeueger. 1,905,567; Apr. 25.
 Builder mechanism for spinning frames. J. A. Kooistra. 1,926,390; Sept. 12.
 Builder motion for ring, cap, or flyer, spinning, twisting, and analogous machines. W. Prince-Smith. 1,919,127; July 18.
 Building. R. N. Aldrich. Des. 88,947; Jan. 10.
 Building. S. D. Kaplan. Des. 90,582; Aug. 29.
 Building. R. W. McLaughlin, jr. Des. 90,893; Oct. 17.
 Building. E. W. Payne. Des. 89,789; May 2.
 Building. A. F. Tall. Des. 90,636; Sept. 5.
 Building and building section. E. Geiger. 1,895,657; Jan. 31.
 Building and constructing the same. C. H. Snyder. 1,906,117; Apr. 25.
 Building block. M. A. Grieco. 1,916,308; July 4.
 Building block. P. J. Maul. 1,915,896; June 27.
 Building block. W. R. Miller. 1,900,457; Mar. 7.
 Building block. J. L. Wright. 1,894,605; Jan. 17.
 Building block and wall construction. W. G. Demarest. 1,896,770; Feb. 7.
 Building block and wall construction. D. D. Whitacre. 1,915,111; June 20.
 Building blocks. J. H. Doak. 1,895,611; Jan. 31.
 Building blocks. N. B. Fox. 1,898,297; Feb. 21.
 Building blocks from lime, Making synthetic. A. H. Harrison. 1,934,534; Nov. 7.
 Building column and display case, Combined. R. N. Aldrich. Des. 89,607-9; Apr. 18.
 Building. Concrete. W. M. Goldsmith. 1,914,417; June 20.
 Building construction. G. F. B. Adams. 1,915,711; June 27.
 Building construction. B. E. Balduf. 1,935,536; Nov. 14.
 Building construction. J. Bali and P. Kotur. 1,899,450; Feb. 28.
 Building construction. A. F. Bemis. 1,899,454; Feb. 28.
 Building construction. L. A. Berger. 1,923,906; Aug. 22.
 Building construction. M. F. Burk. 1,904,404; Apr. 18.
 Building construction. J. B. Cuneo. 1,907,935; May 9.
 Building construction. G. H. Dean. 1,934,260; Nov. 7.
 Building construction. C. W. Duncan. 1,914,770; June 20.
 Building construction. J. H. Maag. 1,925,331; Sept. 5.
 Building construction. J. A. Melvin. 1,898,736; Feb. 21.
 Building construction. V. W. Noonan. 1,896,325; Feb. 7.
 Building construction. M. C. Rosenblatt. 1,912,161; May 30.
 Building construction. M. Y. Seaton. 1,897,338; Feb. 14.
 Building construction. J. S. Shanley and H. T. Turner. 1,910,264; May 23.
 Building construction. H. C. Smith. 1,900,369; Mar. 7.
 Building construction. J. W. Swank. 1,925,417-8; Sept. 5.
 Building construction. E. F. Venzie. 1,894,932-3; Jan. 17.
 Building construction. W. H. Venzie. 1,897,776; Feb. 14.
 Building construction. F. M. Venzie. 1,899,403; Feb. 28.
 Building construction. F. M. Venzie. 1,920,920; Aug. 1.
 Building construction. D. D. Whitacre. 1,938,161; Dec. 5.
 Building construction. T. C. Williams. 1,912,561; June 6.
 Building construction. A. C. Zimmerman. 1,894,528; Jan. 17.
 Building construction and hanger used therein. C. F. Davis and E. R. Saunders. 1,896,290; Feb. 7.
 Building construction, Ready cut. J. R. Ford. 1,910,326; May 23.
 Building construction, Resilient. B. E. Balduf. 1,938,680; Dec. 12.
 Building covering. E. R. Black. 1,903,023; Mar. 28.
 Building covering. E. R. Black. 1,940,936; Dec. 26.
 Building element and softening the surface thereof. N. P. Harshberger. 1,925,961; Sept. 5.
 Building facing. R. B. Bawtenheimer. 1,926,257; Sept. 12.
 Building, Farm. F. J. Kreutzer. Des. 89,643-5; Apr. 18.
 Building, Farm. F. J. Kreutzer. Des. 89,967; May 23.
 Building for industrial purposes. E. Hönig. 1,914,857; June 20.
 Building frame, Structural. S. F. Mioton. 1,930,856; Oct. 17.
 Building front. A. W. Porter. Des. 89,409; Mar. 7.
 Building insulation and applying same. R. G. Halliwell. 1,902,639; Mar. 21.
 Building insulating material and construction. E. M. Lines. 1,913,312; June 6.
 Building material. R. D. Falk. 1,905,553; Apr. 25.
 Building material. S. S. Otis. 1,929,256; Oct. 3.
 Building material. C. J. Pater. 1,932,144; Oct. 24.
 Building material. D. H. Sweet. 1,934,831; Nov. 14.
 Building material and making same. H. M. Spencer. 1,896,689; Feb. 7.
 Building material composition. I. E. Cramer. 1,915,051; June 20.
 Building material, Making. A. M. Zottoli. 1,893,607; Jan. 10.
 Building material, Producing cellular. K. Sildell and S. Q. Lee. Rel. 8,844; May 30.
 Building material, Waterproof. F. Drexler and E. V. Pongratz. 1,912,626; June 6.
 Building material with one basic stone, Producing varied effects on. N. P. Harshberger. 1,913,666; June 13.
 Building materials. D. H. Sweet. 1,926,070; Sept. 12.
 Building partition or wall. J. F. Nieman. 1,909,417; May 16.
 Building, Portable insulated. F. M. Carter. 1,913,066; June 6.
 Building product and making the same. T. Robinson. 1,922,501; Aug. 15.
 Building products, Making prepared. T. Robinson. 1,909,318; May 16.
 Building shore. J. M. Jones. 1,933,116; Oct. 31.
 Building slabs, Producing. R. Hedrich. 1,920,982; Aug. 8.
 Building, Storage. N. S. Black. 1,931,402; Oct. 17.
 Building strip. A. E. F. Moore. 1,931,554; Oct. 24.
 Building structure. G. Alexander. 1,906,040; Apr. 25.
 Building structure. E. T. Anderson. 1,934,651; Nov. 7.
 Building structure. K. E. Bemis. Des. 89,117; Jan. 31.
 Building structure. R. G. and W. M. Cory. 1,930,418; Oct. 10.
 Building structure. E. A. Haupt. 1,941,436; Dec. 26.
 Building structure. A. C. Mitchell. 1,893,480; Jan. 3.
 Building structure. T. B. Munroe and W. Waterfall. 1,935,574; Nov. 14.
 Building structure. F. L. Nemece. 1,909,547; May 16.
 Building structure. H. S. Ring. 1,924,414; Aug. 29.
 Building structure. W. C. Scherer. Des. 91,145; Dec. 5.
 Building structure. J. H. Stone. 1,932,941; Oct. 31.
 Building structure. F. M. Venzie. 1,913,527; June 13.
 Building structure. F. M. Venzie. 1,920,919; Aug. 1.
 Building structure. F. M. Venzie. 1,931,909; Oct. 24.
 Building structure, Resilient. B. E. Balduf. 1,935,537; Nov. 14.
 Building unit and floor construction. T. J. Foster. 1,931,532; Oct. 24.
 Building unit and making the same. D. A. McKenzie. 1,893,430; Jan. 3.
 Building unit and manufacturing the same. S. S. Gibney and H. Fluegel. 1,926,093; Sept. 12.
 Building unit, Metallic faced. H. G. Young. 1,898,864; Feb. 21.
 Built-in table. D. A. Hildebrand. 1,901,347; Mar. 14.
 Built-up container. H. Dermann. 1,933,099; Oct. 31.
 Bulb and coloring the same. M. Pipkin. 1,900,463; Mar. 7.
 Bulb for atomizers or the like, Compression. F. A. Vulliamot. Des. 89,978; May 23.
 Bulbs closed by welding and their application to fire extinguishers, Device for opening. R. Levinson. 1,919,848; July 25.
 Bulbs of vehicle lamps, Attachment for the. A. C. Grunwald. 1,926,675; Sept. 12.
 Bulk cement carrier. E. C. Stewart. 1,932,320; Oct. 24.
 Bulldozer. E. R. Bacon. 1,923,412; Aug. 22.
 Bullet-resisting structure. O. B. McClintock. 1,899,735; Feb. 28.
 Bumper. P. W. Johnson. 1,915,231; June 20.
 Bumper. G. Q. Lewis. 1,902,651; Mar. 21.
 Bumper. W. H. Neely. Des. 89,911; May 16.
 Bumper. G. W. Veale. 1,898,229; Feb. 21.
 Bumper. G. W. Veale. 1,901,540; Mar. 14.
 Bumper. M. J. Wilde. 1,926,131; Sept. 12.
 Bumper attachment. C. J. Barry. 1,896,277; Feb. 7.
 Bumper attachment. A. Hunziker, jr. 1,926,236; Sept. 12.

- Bumper attachment, Automobile. C. J. Barry. 1,936,421; Nov. 21.
- Bumper, Automobile. W. V. Isgrig. 1,905,590; Apr. 25.
- Bumper bar, Automobile. A. A. Thomas. Des. 91,125; Nov. 7.
- Bumper construction. E. H. Noelting. 1,923,163; Aug. 22.
- Bumper construction and making the same. C. L. Halladay. 1,937,197; Nov. 28.
- Bumper, Door. J. W. Greig. 1,908,839; May 16.
- Bumper end construction. H. E. Figgie. 1,924,600; Aug. 29.
- Bumper, Knuckle-jointed safety motor-vehicle. C. F. Boyer. 1,921,653; Aug. 8.
- Bumper, Pneumatic. O. Hoffman. 1,935,447; Nov. 14.
- Bumper post. S. W. Hayes. 1,910,990; May 23.
- Bumper, Vehicle. A. J. Baker. Des. 89,330; Feb. 28.
- Bumper, Vehicle. F. M. Cossalter. 1,901,227; Mar. 14.
- Bumper, Vehicle. J. C. Monteith. 1,898,256; Feb. 21.
- Bumper, Vehicle. H. E. Ridge. 1,925,461; Sept. 5.
- Bumper, Vehicle. W. E. A. Todd and F. R. L. Stott. 1,897,345; Feb. 14.
- Bumper with cushioned ends. H. S. Jandus and H. L. Brooke. 1,901,601; Mar. 14.
- Bumpers, Auxiliary impact device for automobile. G. J. Blum. Des. 89,868; May 16.
- Bumpers, Vertical extension device for automobile. G. J. Blum. Des. 89,740; May 2.
- Bun corrugator. C. W. Mabey. 1,910,620; May 23.
- Bun cutting machine. J. Rogalewski. 1,939,279; Dec. 12.
- Bun puncher and toaster. C. W. Mabey. 1,902,564; Mar. 21.
- Bunch-builder for winding and like machines. W. Marcroft. 1,915,194; June 20.
- Bunch roller for cigar machines, Adjustable. J. F. Halstead. 1,926,199; Sept. 12.
- Bundle carrier. E. T. Johnson. 1,905,100; Apr. 25.
- Bundle loading device. E. T. Peterson. 1,934,325; Nov. 28.
- Bundle of coiled wire, Wrapped. C. E. Dale. 1,933,660; Nov. 7.
- Bundle or coil of wire and like articles, Wrapping. C. E. Dale. 1,933,661; Nov. 7.
- Bung fixture for containers and seal therefor. I. H. Rieke. 1,923,026; Aug. 15.
- Bung opening construction, Threaded. C. T. Draper. 1,915,300; June 27.
- Bung ring structure, Perforable. W. C. Grosser. 1,915,310; June 27.
- Bunion corrective device. M. M. Hogan. 1,899,092; Feb. 28.
- Buoy for saving the occupants and the material of sub marine boats. L. Klopotoski. 1,893,089; Jan. 3.
- Buoy, Mooring. P. W. Blake. 1,921,500; Aug. 8.
- Buoy, Releasable. B. Gilbride. 1,912,521; June 6.
- Bureau and mirror, Combined. F. Geibelt and C. Beeston. Des. 91,168; Dec. 12.
- Burglarproof apparatus for banks. J. W. McClun. 1,910,472; May 23.
- Burglarproof lock. W. Prior, jr. 1,904,882; Apr. 18.
- Burglar trap. F. E. Eckerson. 1,921,967; Aug. 8.
- Burial casket handle. F. J. Plym. 1,933,637; Nov. 7.
- Burial casket lamp. W. R. Grant. 1,912,035; May 30.
- Burial cloister building. U. J. Smith. 90,959; Oct. 31.
- Burial vault fastener. E. E. Earl. 1,941,165; Dec. 26.
- Burlap bag. G. I. Goldwyn. 1,924,492; Aug. 29.
- Burner: See—
- Coal burner.
 - Combustion burner.
 - Conversion burner.
 - Fluid fuel burner.
 - Fuel burner.
 - Fuel-heating catalyzing burner.
 - Fuel oil burner.
 - Fuel vapor burner.
 - Gas and oil burner.
 - Gas burner.
 - Lamp burner.
 - Lighter burner.
 - Liquid fuel and gas burner.
 - Liquid fuel burner.
 - Liquid hydrocarbon burner.
 - Oil burner.
 - Oil or gas burner.
 - Oven burner.
 - Oxyacetylene and similar heating burner.
 - Oxy-acetylene burner.
 - Pulverized fuel burner.
 - Range burner.
 - Refractory gas burner.
 - Rotary oil burner.
 - Safety gas burner.
 - Side draft burner.
 - Sulphur burner.
 - Vapor burner.
 - Weed burner.
 - Wick burner.
- Burner. V. S. Beck. 1,922,348; Aug. 15.
- Burner. D. L. Blatter. 1,911,487; May 30.
- Burner. W. Doble. 1,918,326; July 18.
- Burner. H. D. Dufault. 1,903,032; Mar. 28.
- Burner. P. M. Forster. 1,925,183; Sept. 5.
- Burner. M. Frisch. 1,910,893; May 23.
- Burner. P. Gervasi. 1,899,951; Mar. 7.
- Burner. W. H. Gillis. 1,920,124; July 25.
- Burner. P. S. Harper. 1,896,082; Feb. 7.
- Burner. E. J. Lattner. Des. 90,160; June 20.
- Burner. H. C. Little. 1,933,183; Oct. 31.
- Burner. K. C. McCutcheon. 1,938,708; Dec. 12.
- Burner. G. W. McKee. 1,909,496; May 16.
- Burner. G. W. McKee. 1,937,974; Dec. 5.
- Burner. G. W. McKee. 1,938,851-2; Dec. 12.
- Burner. A. W. Richardson. 1,900,998; Mar. 14.
- Burner. A. C. Smith. 1,936,646; Nov. 28.
- Burner. G. B. Tibbot. 1,903,317; Apr. 4.
- Burner. E. C. Walker and G. W. Engstrom. 1,900,003; Mar. 7.
- Burner and feed mechanism, Coal. S. Klein. 1,922,960; Aug. 15.
- Burner and lamp, Combination incense. A. A. Stroecker. Des. 89,929; May 16.
- Burner and making the same. H. W. Le Boutillier and F. Hess. 1,910,020; May 23.
- Burner and mixing chamber therefor, Gas. H. D. Schrader. 1,912,730; June 6.
- Burner and supply apparatus therefor, Oil fuel. I. Lubbock and J. R. Joyce. 1,909,294; May 16.
- Burner apparatus. W. S. Bowen. 1,936,346; Nov. 21.
- Burner apparatus, Flame cutting. L. J. Hancock. 1,898,955; Feb. 21.
- Burner apparatus, Oil. H. S. Rogers and R. Raddatz. 1,925,571; Sept. 5.
- Burner apparatus, Oil. C. K. Shill. 1,938,089; Dec. 5.
- Burner apparatus, Oil. G. F. Williams. 1,911,661; May 30.
- Burner assembly. W. W. Williams. 1,934,755; Nov. 14.
- Burner attachment. W. W. M. Hermann. 1,934,265; Nov. 7.
- Burner construction. R. A. Lewis. 1,924,938; Aug. 29.
- Burner construction. E. T. Warner. 1,912,876; June 6.
- Burner construction, Oil. W. W. Williams and I. E. McCabe. 1,924,670; Aug. 29.
- Burner control and pilot light for gas stoves. B. Victor and R. E. Abramson. 1,894,900; Jan. 17.
- Burner control apparatus. J. P. Kriechbaum. 1,921,196; Aug. 8.
- Burner control, Gas. E. J. Te Pas. 1,917,075; July 4.
- Burner control, Oil. J. Eaton. 1,899,563; Feb. 28.
- Burner control system. T. Clarkson. 1,923,614; Aug. 22.
- Burner control system, Oil. J. V. Breisky and T. Draper. 1,899,744; Feb. 28.
- Burner control system, Oil. J. V. Breisky and T. Draper. 1,911,347; May 30.
- Burner controlling apparatus. D. G. Taylor and E. M. Miller. 1,910,721; May 23.
- Burner, etc., Oxyacetylene. G. Pressler. 1,915,446; June 27.
- Burner foot, Oil. W. E. Holt. 1,933,670; Nov. 7.
- Burner for blow torches and the like. H. M. Huffman. 1,919,945; July 25.
- Burner for coal dust firing. H. Zikesch. 1,910,735; May 23.
- Burner for cook stoves, Gas. E. Kunz. 1,932,743; Oct. 31.
- Burner for domestic heating purposes, Fluid fuel. W. W. Williams. 1,892,757; Jan. 3.
- Burner for heavy oil. D. Pizzi. 1,901,610; Mar. 14.
- Burner for liquid fuel. P. Lucas. 1,915,502; June 27.
- Burner for liquid or semiliquid fuel. R. W. Titmas and R. S. Hickish. 1,902,920; Mar. 28.
- Burner for pulverized fuel. G. E. K. Blythe. 1,933,701; Nov. 7.
- Burner head, Atomizing oil. H. V. Leahy. 1,925,329; Sept. 5.
- Burner head, Oil. A. J. Frame. 1,924,092; Aug. 29.
- Burner ignition device, Fluid fuel. I. E. McCabe. 1,926,394; Sept. 12.
- Burner or atomizer, Liquid fuel. C. Zulver. 1,934,837; Nov. 14.
- Burner plate. B. Burns, H. B. Lewis and R. M. Otis. 1,896,286; Feb. 7.
- Burner system, Fuel. J. V. Breisky and T. Draper. 1,924,304; Aug. 29.
- Burner system, Fuel. H. Diamond. 1,936,784; Nov. 28.
- Burner with supplementary air intake, Oil. M. A. Powers. 1,909,007; May 16.
- Burners, Apparatus for starting liquid fuel. F. F. Neumann. 1,938,348; Dec. 5.
- Burning rack. H. T. Bebb. 1,914,967; June 20.
- Burnishing machine. W. R. Simpson. 1,906,201; Apr. 25.
- Burnishing machine. C. J. Sommers. 1,933,455; Oct. 31.
- Burnishing machine. R. A. Wilkins. 1,919,152; July 18.
- Burnishing mechanism. R. J. Statz. 1,913,734; June 13.
- Burr plate. W. M. Tomashek. Re18,935; Sept. 5.
- Bus bar. T. J. Bostwick. 1,915,918; June 27.
- Bus bar clamp. H. B. Massey and O. Maseng. 1,906,915; May 2.
- Bus bar structure. C. H. Hill and N. Swerdlow. 1,902,501; Mar. 21.
- Bus body without chassis. E. R. Gurney. 1,892,666; Jan. 3.
- Bus construction. T. G. Le Clair. 1,934,434; Nov. 7.
- Bus heating system. L. P. Hynes. 1,934,193; Nov. 7.
- Bus plate. K. J. Helmholtz. 1,906,587; May 2.
- Bus with superimposed seats, Single deck. E. A. Corbin. 1,901,023; Mar. 14.
- Bushing. V. Oldberg. 1,938,974; Dec. 12.
- Bushing. W. A. Vock. 1,902,600; Mar. 21.
- Bushing and cylinder reamer. J. M. Dolly. 1,893,885; Jan. 10.
- Bushing and solder sealed cap therefor for metallic containers. L. B. Wackman. 1,905,969; Apr. 25.
- Bushing, Automatic shifting. D. T. Brownlee. 1,940,345; Dec. 19.
- Bushing device, High-voltage. G. A. Burr. 1,902,617; Mar. 21.
- Bushing for cables in conduits, Insulated. J. W. Hooley. 1,935,561; Nov. 14.
- Bushing for motor car steering columns. H. Marles. 1,910,300; May 23.
- Bushing for rotary tables. H. E. Lynn and F. Lambert, jr. 1,914,210; June 13.

- Bushing for tool posts and similar applications of use, Split. W. E. Fischer. 1,920,141; July 25.
- Bushing, Grounding. G. C. Thomas, jr. 1,899,365; Feb. 28.
- Bushing, High voltage. W. Estorff. 1,899,752; Feb. 28.
- Bushing, Insulating. H. M. Acly. 1,906,829; May 2.
- Bushing, Kelly. W. D. Davidson. 1,899,946; Mar. 7.
- Bushing remover. H. W. Kulp and M. C. Dellinger. 1,902,711; Mar. 21.
- Bushing, Rotary drive. G. A. Montgomery. 1,936,139; Nov. 21.
- Bushing, Terminal. M. Morrison. 1,908,779; May 16.
- Bushing, Vacuum-type insulating. G. E. Jansson. 1,897,257; Feb. 14.
- Bushings, Forming threaded. L. H. Church. 1,919,826; July 25.
- Bushings from strip metal, Making. J. H. Davis. 1,924,230; Aug. 29.
- Bushings, Making. F. C. Morris. 1,900,298; Mar. 7.
- Bust-holder. V. Madsen. 1,920,705; Aug. 1.
- Bust uplift. A. M. Le May. 1,904,644; Apr. 18.
- Butene-1 into butene-2, Conversion of. F. Runge and M. Mueller-Cunradi. 1,914,674; June 20.
- Butt for backfill tampers. W. F. Perkins. 1,893,596; Jan. 10.
- Butter and like divider. J. Benz. 1,922,723; Aug. 15.
- Butter and like molding device. J. Benz. 1,904,714; Apr. 18.
- Butter and the like, Shipping. E. M. Davis. 1,909,098; May 16.
- Butter cutting machine. R. F. Stewart. 1,936,042; Nov. 21.
- Butter fat, Neutralizing. E. M. Davis. 1,919,502; July 25.
- Butter measuring device. J. Blaho. 1,908,813; May 16.
- Butter spreader. A. A. Guerini. 1,893,889; Jan. 10.
- Butter tub setting up machine. R. L. Hines and J. A. and P. L. Blum. 1,908,353; May 9.
- Butter wrapping machine. A. H. Boileau. 1,927,011; Sept. 19.
- Buttering machine, attachable to meat slicing machines and the like, Novel. P. C. Perez. 1,911,965; May 30.
- Button. H. Brewster. 1,938,996; Dec. 12.
- Button. L. R. Carley. Des. 89,167; Feb. 7.
- Button. L. R. Carley. Des. 89,625; Apr. 18.
- Button. L. R. Carley. Des. 90,152; June 20.
- Button. L. Daniel. Des. 89,296; Feb. 21.
- Button. A. F. Donovan. Des. 88,861; Jan. 3.
- Button. D. G. Dudley, W. A. Miner, and R. J. Swartz. Des. 89,949; May 23.
- Button. I. D. Ford. 1,899,680; Feb. 28.
- Button. W. F. Haas. Des. 90,440; Aug. 8.
- Button. W. F. Haas. Des. 90,487; Aug. 15.
- Button. W. F. Haas. Des. 90,654-5; Sept. 12.
- Button. A. Mentkow. Des. 89,261; Feb. 14.
- Button. S. Rosenthal. Des. 90,681-2; Sept. 12.
- Button. J. Shadlowsky. Des. 89,268; Feb. 14.
- Button. J. Shadlowsky. Des. 89,288; Feb. 14.
- Button. J. Shadlowsky. Des. 90,459; Aug. 8.
- Button. J. Shadlowsky. Des. 90,686; Sept. 12.
- Button. F. R. White. 1,935,756; Nov. 21.
- Button and its manufacture. J. M. Clark and I. D. Ford. 1,920,497; Aug. 1.
- Button attaching machine. F. H. Peterson. 1,901,375; Mar. 14.
- Button attaching machine. F. R. White. 1,901,386; Mar. 14.
- Button, Collar. M. H. Goldman. 1,937,515; Dec. 5.
- Button, Collar. C. and L. Maisto. 1,906,913; May 2.
- Button, Collar. C. G. Raible. 1,931,326; Oct. 17.
- Button, Detachable. G. A. Holmes. 1,928,591; Sept. 26.
- Button, Detachable. F. Ledwon. 1,926,906; Sept. 12.
- Button, Electric horn. J. J. Wharam. 1,908,803; May 16.
- Button, Electric push. V. R. Despard. Des. 89,877; May 16.
- Button fastening. A. Coquette. 1,899,313; Feb. 28.
- Button feeding apparatus. C. E. Vaughan. 1,941,027; Dec. 26.
- Button feeding attachment. A. P. Rawnsley. 1,940,229; Dec. 19.
- Button, Garment. O. J. Lavaty. Des. 90,856; Oct. 10.
- Buttonhole-cutting mechanism. A. R. Wood. 1,914,002; June 13.
- Buttonhole sewing machine. F. A. Reece. 1,900,076; Mar. 7.
- Button loop. G. H. Elwell. 1,916,829; July 4.
- Button loop. G. B. Heather. 1,913,334; July 18.
- Button-member for garters. J. Jacobs. 1,940,215; Dec. 19.
- Button, Self locking slip under. C. A. Light. 1,916,733; July 4.
- Button, Separable. H. and H. Goldberg. 1,895,984; Jan. 31.
- Button, Traverse. J. F. Madden. 1,895,196; Jan. 24.
- Button, Tufting. W. B. Mathewson. 1,924,212; Aug. 29.
- Button, Tufting. W. B. Mathewson. 1,941,180; Dec. 26.
- Button, Tufting. W. B. Mathewson. 1,941,408-9; Dec. 26.
- Buttons and the like, Finishing or ornamenting metal. L. R. Carley. 1,915,717; June 27.
- Buttons, Decorating. H. Oexmann. 1,920,317 Aug. 1.
- Buttons, Means for shanking. M. McCann. 1,918,281; July 18.
- Buttons, Shankings. M. McCann. 1,918,280; July 18.
- Butyl-acetonic fermentation. D. A. Legg. 1,911,174; May 23.
- By-product recovery process and apparatus. L. R. Forrest. 1,930,124; Oct. 10.
- Cab. T. F. Stringer. 1,919,387; July 25.
- Cab signals, Method and apparatus for preventing improper cut-in of. J. H. Broadbent. 1,898,478; Feb. 21.
- Cabin for aircraft and the like. T. A. Versteegen. 1,902,428; Mar. 21.
- Cabin plane, Drop. F. F. Love. 1,895,256; Jan. 24.
- Cabinet. H. D. Broughton. 1,900,793; Mar. 7.
- Cabinet. O. J. Coehn. Des. 90,969; Nov. 7.
- Cabinet, A. E. Fohn. 1,917,363; July 11.
- Cabinet. M. L. Hampton. 1,929,063; Oct. 3.
- Cabinet. G. R. Hogan. Des. 90,580; Aug. 29.
- Cabinet. C. F. Meilink. 1,922,487; Aug. 15.
- Cabinet. H. I. Morin. Des. 91,210; Dec. 19.
- Cabinet. A. Parmet. 1,913,817; June 13.
- Cabinet. H. Wilson. Des. 90,690; Sept. 12.
- Cabinet, Amusement apparatus. W. J. Kennedy. Des. 90,889; Oct. 17.
- Cabinet, Amusement machine. G. A. Gast. Des. 90,242; July 4.
- Cabinet, Amusement machine. A. B. Poinier and M. J. Hanson. Des. 89,973-4; May 23.
- Cabinet, Amusement machine. A. B. Poinier and M. J. Hanson. Des. 90,728; Sept. 19.
- Cabinet and analogous device. J. R. Jones. 1,920,797; Aug. 1.
- Cabinet and attachments therefor, Monolithic filing. C. F. Wolters. 1,904,912; Apr. 18.
- Cabinet and booth, Combined voting machine. A. F. Foehrenbach. Des. 90,405; Aug. 1.
- Cabinet and card therefor, Card. M. W. Bromell. 1,911,260; May 30.
- Cabinet and folding table, Combined. H. J. Karp. 1,933,144; Oct. 31.
- Cabinet and lamp, Combined radio. J. J. Herlihy. 1,917,798; July 11.
- Cabinet and mantel, Combined. R. E. Beauchamp and H. L. Otto. Des. 90,908; Oct. 24.
- Cabinet and seat construction, Combination. H. A. Bloedel. 1,902,319; Mar. 21.
- Cabinet and table, Combined. J. M. Nahon. 1,926,166; Sept. 12.
- Cabinet and towel pack therefor, Towel. A. Allen. 1,905,206; Apr. 25.
- Cabinet, Arc lamp. J. H. Wagenhorst. 1,938,237; Dec. 5.
- Cabinet, Automatic towel. J. N. Burroughs and C. A. Old. 1,909,804; May 16.
- Cabinet, Book. C. D. Keely and H. T. Peirson. 1,923,096; Aug. 22.
- Cabinet, Cash register. H. J. Williams. Des. 91,048-9; Nov. 14.
- Cabinet, Cash register. H. J. Williams. Des. 91,257; Dec. 26.
- Cabinet, Cash register drawer. H. J. Williams. Des. 90,638-9; Sept. 5.
- Cabinet, Collapsible bath. C. H. Anderson. 1,917,629; July 11.
- Cabinet, Collapsible dressing. H. K. Hyrup. 1,935,948; Nov. 21.
- Cabinet, Combination merchandise display and liquid dispensing. E. E. Yount. Des. 89,814; May 9.
- Cabinet, Combination tray heating and refrigerating. C. G. Hall. 1,901,509; Mar. 14.
- Cabinet, Commodity display. C. W. Kress. 1,911,368; May 30.
- Cabinet, Concealed. H. P. Edward. 1,908,831; May 16.
- Cabinet construction. J. E. Bales. 1,916,189; July 4.
- Cabinet construction. J. E. Bales and J. B. O'Connor. 1,930,547; Oct. 17.
- Cabinet construction. C. A. Cutler. 1,940,047; Dec. 19.
- Cabinet construction. M. Greenberg. 1,906,208; Apr. 25.
- Cabinet construction. W. R. Rix. 1,916,894; July 4.
- Cabinet construction. H. Smith. 1,922,504; Aug. 15.
- Cabinet, Convertible service. W. J. Greenebaum. 1,898,299; Feb. 21.
- Cabinet, Dictating machine. B. M. Smith, S. G. Langley, and G. F. Braun. Des. 89,521; Mar. 21.
- Cabinet, Dispensing. H. F. Bloomstran. 1,929,968; Oct. 10.
- Cabinet, Dispensing. W. H. Ross. 1,899,484; Feb. 28.
- Cabinet, Dispensing. S. Wheeler, jr. 1,910,076; May 23.
- Cabinet, Display. G. A. Carlstedt and H. A. DeLand. 1,913,231; June 6.
- Cabinet, Display. E. Chisholm. 1,912,344; May 30.
- Cabinet, Display. H. F. Duncan. Des. 89,950; May 23.
- Cabinet, Display. J. C. Kaelber. 1,911,826; May 30.
- Cabinet, Display. C. W. Kress. 1,892,673; Jan. 3.
- Cabinet, Display. M. Smetko. 1,903,484; Apr. 11.
- Cabinet, Display. A. L. Soffel. 1,916,238; July 4.
- Cabinet, Display. J. Soldani. Des. 91,253; Dec. 26.
- Cabinet, Dual rotary kitchen. G. E. Davis. 1,929,677; Oct. 10.
- Cabinet, Electric appliance inclosing. J. Sachs. 1,905,002; Apr. 25.
- Cabinet, Electrical treatment. W. E. Mortrude, jr. Des. 88,979; Jan. 10.
- Cabinet, Filing. Z. Auerbach. 1,925,725; Sept. 5.
- Cabinet, Filing. C. A. Finley. 1,921,387; Aug. 8.
- Cabinet, Filing. B. G. Rand. 1,934,644; Nov. 7.
- Cabinet, Filing. C. K. Robertson. 1,918,195; July 11.
- Cabinet, Filing. F. A. Schmitz. 1,934,380; Nov. 7.

- Cabinet, Filing. H. B. Sperry. 1,898,223; Feb. 21.
 Cabinet, Filing. R. W. Turner. 1,910,657; May 23.
 Cabinet for arc lamps. J. H. Wagenhorst. 1,901,384; Mar. 14.
 Cabinet for beauty parlors, Utility. D. S. Brown. 1,898,867; Feb. 21.
 Cabinet for delivering measured quantities of materials. S. M. Hawes. 1,931,385; Oct. 17.
 Cabinet for filling stations, Water hose. J. H. Holmgreen. 1,928,178; Sept. 26.
 Cabinet for fountain syringes. W. Otto. 1,928,501; Sept. 26.
 Cabinet for glaziers' supplies, Display. R. H. Kingdon. 1,927,837; Sept. 26.
 Cabinet for interfolded toilet paper, paper towels, etc. O. A. Boesel. 1,906,306; May 2.
 Cabinet for keeping sound records. N. Crouset. 1,904,824; Apr. 18.
 Cabinet for oil burner supply tanks. W. T. Bradbury. Des. 90,357; July 25.
 Cabinet for radioreceiver. R. G. F. Loewy. Des. 90,586; Aug. 29.
 Cabinet for radioreceivers. I. Goldberg. Des. 89,555; Mar. 28.
 Cabinet for shears, Shipping and display. J. J. Conway. 1,901,583; Mar. 14.
 Cabinet for tire chains, Sales. H. Wilcox. 1,919,349; July 25.
 Cabinet heater. W. D. Teage. Des. 90,516; Aug. 15.
 Cabinet, Hospital serving. B. Butler. 1,928,327; Sept. 26.
 Cabinet, Ice cream storage. P. R. Main. 1,929,074; Oct. 3.
 Cabinet, Illuminated mirror. A. Marchand. 1,918,047; July 11.
 Cabinet, Indexed drill. E. F. Huot. 1,930,617; Oct. 17.
 Cabinet ironing board. J. Buffelen. 1,909,093; May 16.
 Cabinet ironing board. W. E. Howard. 1,940,128; Dec. 19.
 Cabinet ironing board. O. Juvet. 1,895,250; Jan. 24.
 Cabinet, Ironing machine. J. C. Nelson. Des. 91,120; Nov. 28.
 Cabinet, Kitchen. J. L. Houck. Des. 90,885; Oct. 17.
 Cabinet, Kitchen. F. Kuehne, jr. Des. 90,116; June 13.
 Cabinet, Kitchen. S. J. La Susa and W. Sambur. Des. 89,572-3; Apr. 4.
 Cabinet, Kitchen. S. J. La Susa and W. Sambur. Des. 89,772; May 2.
 Cabinet, Kitchen. L. L. Miller. Des. 89,591; Apr. 11.
 Cabinet, Kitchen. W. D. Williams. Des. 89,559; Mar. 28.
 Cabinet, Knock down porcelain enameled. A. J. Smith. 1,907,679; May 9.
 Cabinet, Lady's sewing. G. B. Steinhauer. Des. 90,789; Sept. 26.
 Cabinet latch. R. E. Hall. 1,931,695; Oct. 24.
 Cabinet lock and tray, Filing. S. B. Freiberg. 1,926,897-8; Sept. 12.
 Cabinet, Main switch and fuse. R. S. Willoughby. 1,904,911; Apr. 18.
 Cabinet, Matrix. F. C. Grumman. 1,902,443; Mar. 21.
 Cabinet, Matrix. A. J. Stouges. 1,902,425; Mar. 21.
 Cabinet, Medicine. A. E. Blackman. 1,941,126; Dec. 26.
 Cabinet, Medicine. J. Svalland. 1,908,797; May 16.
 Cabinet, Merchandising. C. C. McGaugh. Des. 90,672; Sept. 12.
 Cabinet, Metallic. E. A. Purnell. 1,914,041; June 13.
 Cabinet, Milk. G. R. Schnore. 1,913,247; June 6.
 Cabinet, Mop. P. Weisswasser. 1,919,081; July 18.
 Cabinet or file box, Filing. F. L. C. Straubel. 1,929,612; Oct. 10.
 Cabinet or receptacle, Insulated. D. A. Carlson. 1,916,752; July 4.
 Cabinet or safe, Fire resistant. C. F. Wolters. 1,937,931; Dec. 5.
 Cabinet or similar article, Game. L. A. Raden and A. Joze. Des. 89,246; Feb. 7.
 Cabinet or similar article, Phonograph. J. M. Lucarelle and C. Ecklund. Des. 90,918; Oct. 24.
 Cabinet or the like. A. Ginsberg. Des. 90,111; June 13.
 Cabinet, Page storage. L. K. Williams. 1,920,825; Aug. 1.
 Cabinet, Panel. F. B. Adam. 1,912,614; June 6.
 Cabinet, Paper. A. L. Saunders. 1,904,297; Apr. 18.
 Cabinet, Paper napkin dispensing. S. N. Hope. 1,930,805; Oct. 17.
 Cabinet, Paper towel. F. Eriksen. 1,915,522; June 27.
 Cabinet, Personal hygiene. H. I. McLaughlin. 1,929,785; Oct. 10.
 Cabinet, Portable bar. L. C. Smith. Des. 89,799; May 2.
 Cabinet, Portable picnic. J. H. Woods. 1,924,430; Aug. 29.
 Cabinet, Provision. J. Kamil. 1,917,721; July 11.
 Cabinet, Pump. W. H. Curtis. Des. 89,386; Mar. 7.
 Cabinet, Radiator. F. W. Hvoslef. 1,919,555; July 25.
 Cabinet, Radiator. P. Robertson and F. N. Woodman. 1,908,790; May 16.
 Cabinet, Radio. H. Berghane. 1,915,177; June 20.
 Cabinet, Radio. O. O. Cummings. Des. 90,400; Aug. 1.
 Cabinet, Radio loud speaker. W. E. Holland. 1,932,343; Oct. 24.
 Cabinet, Refrigerated. A. E. Eckert. 1,909,818; May 16.
 Cabinet, Refrigerator. G. F. Forsthoefel. Des. 90,876; Oct. 17.
 Cabinet, Refrigerator. J. W. Gosling. Des. 90,763; Sept. 26.
 Cabinet, Refrigerator. L. J. Gottschalk. Des. 91,236; Dec. 26.
 Cabinet, Refrigerator. W. P. Gray. Des. 90,155-6; June 20.
 Cabinet, Refrigerator. W. P. Gray. Des. 90,653; Sept. 12.
 Cabinet, Refrigerator. W. P. Gray. Des. 90,766; Sept. 26.
 Cabinet, Refrigerator. R. W. Hull. 1,918,911; July 18.
 Cabinet, Refrigerator. R. W. Hull. 1,926,947; Sept. 12.
 Cabinet, Refrigerator. R. E. Kruck. Des. 90,989; Nov. 7.
 Cabinet, Refrigerator. L. B. Morrison. 1,893,805; Jan. 10.
 Cabinet, Refrigerator. J. R. Replogle. Des. 89,534; Mar. 21.
 Cabinet, Refrigerator. F. E. Sellman. 1,910,504; May 23.
 Cabinet, Refrigerator. F. Wallach. 1,922,995; Aug. 15.
 Cabinet, Refrigerator. F. R. West. Re19,037; Dec. 26.
 Cabinet, Refrigerator. F. R. West. 1,932,003; Oct. 24.
 Cabinet, Refrigerator. H. S. Woodruff. 1,902,479; Mar. 21.
 Cabinet, Refrigerating. R. W. Davenport. 1,937,009; Nov. 28.
 Cabinet, Roll towel. C. W. Thompson. 1,902,198; Mar. 21.
 Cabinet-safe. W. C. Miller. 1,921,690; Aug. 8.
 Cabinet, Safety switch. M. Moreines. 1,910,036; May 23.
 Cabinet, Sanitary mattress. C. A. Bliven. 1,908,678; May 16.
 Cabinet, Semiautomatic photographic. J. Meyer and C. Fleischer. 1,929,508; Oct. 10.
 Cabinet, Service. F. Gimbel. 1,909,265; May 16.
 Cabinet, Sewing. J. Selby-Hele. Des. 89,145; Jan. 31.
 Cabinet, Sewing. G. L. Wild. Des. 90,133; June 13.
 Cabinet, Sheet dispensing. S. N. Hope and P. Drath. 1,914,666; June 20.
 Cabinet, Sheet metal. J. Pipe. 1,935,664; Nov. 21.
 Cabinet, Shoe shining. C. J. H. Davis. 1,911,182; May 30.
 Cabinet, Shower bath. J. O. Barce. 1,928,924; Oct. 3.
 Cabinet, Shower bath. A. E. Jones. 1,933,857; Nov. 7.
 Cabinet, Sink. J. S. Naylor. 1,930,180; Oct. 10.
 Cabinet, Sliding door. J. E. Gloeckler. 1,920,855; Aug. 1.
 Cabinet, Smokers'. S. Bohner. 1,921,652; Aug. 8.
 Cabinet, Stencil. M. D'Andrea. 1,902,220; Mar. 21.
 Cabinet, Storage and display. E. M. Fritz and E. K. and F. W. Thomas. 1,924,117-18; Aug. 29.
 Cabinet, Telescopic radiator. R. H. Ward, E. C. Bowers, and C. L. Feldman. 1,928,743; Oct. 3.
 Cabinet, Teletypewriter. E. A. Bescherer. Des. 90,278; July 11.
 Cabinet, Toasting and storage. W. W. Kelly. 1,903,547; Apr. 11.
 Cabinet, Tool box. L. Olson. 1,932,045; Oct. 24.
 Cabinet, Towel. J. H. Addler. 1,906,353; May 2.
 Cabinet, Towel. H. A. Bisson. 1,935,830; Nov. 21.
 Cabinet, Towel. O. J. Flack. 1,922,845; Aug. 15.
 Cabinet, Towel. T. D. O'Brien. Re18,726; Jan. 31.
 Cabinet, Towel. S. A. Schwartz. 1,936,690; Nov. 28.
 Cabinet, Towel. F. G. Steiner. 1,908,566; May 9.
 Cabinet, Towel. F. M. Steiner and W. S. Graves. 1,898,796; Feb. 21.
 Cabinet, Towel. J. E. Trewbitt and J. N. Borrowsh. 1,916,542; July 4.
 Cabinet, Towel. T. B. Tyler. 1,893,343; Jan. 3.
 Cabinet, Towel. T. B. Tyler. 1,899,369; Feb. 28.
 Cabinet, Towel. S. Wheeler, jr. 1,898,983; Feb. 21.
 Cabinet, Transformer selector. E. Blomquist. 1,908,815; May 16.
 Cabinet, Typewriter. M. T. Vandervoort. 1,929,542; Oct. 10.
 Cabinet, Utility. E. E. Hermanson. 1,940,167; Dec. 19.
 Cabinet, Vending machine. H. W. Yendes. Des. 89,813; May 2.
 Cabinet, Ventilated. H. Hefty. 1,905,867; Apr. 25.
 Cabinet, Ventilating. H. C. Hueglin. 1,933,910; Nov. 7.
 Cabinet, Ventilator. H. C. Hueglin. 1,894,930; Jan. 17.
 Cabinet, Vertical card filing. L. Lombardini. 1,918,765; July 18.
 Cabinet, Vertical filing. J. E. Bales, C. T. Christensen, J. Hallberg, and J. B. Adler. 1,906,832; May 2.
 Cabinet, Vertical index. B. Aagaard. 1,926,023; Sept. 12.
 Cabinet, Wall. H. M. Inge. 1,914,508; June 20.
 Cabinet water cooler. C. F. Truitt. Des. 90,740; Sept. 19.
 Cable. C. P. Brodhun. 1,900,041; Mar. 7.
 Cable. V. Bush. 1,939,875; Dec. 19.
 Cable. P. H. Chase. 1,922,907; Aug. 15.
 Cable. F. M. Potter. 1,904,525-7; Apr. 18.
 Cable anchorage, Submarine. C. A. Chase. 1,904,271; Apr. 18.
 Cable anchoring means for drums. J. L. Phillips. 1,913,508; June 13.
 Cable and loading coil therefor, Artificial. R. M. C. Greenidge. 1,919,019; July 18.
 Cable and operating the same, Electric. C. F. Hirshfeld. 1,923,147; Aug. 22.
 Cable and preparing the same, Electric. W. S. Johnstone. 1,931,610; Oct. 24.
 Cable armor cutter. A. P. Tallmadge. 1,894,329; Jan. 17.
 Cable, Armored. O. A. Frederickson. 1,900,492; Mar. 7.
 Cable, Balancing ocean. J. W. Minor. 1,941,102; Dec. 26.
 Cable bender. E. E. Kellems. 1,915,423; June 27.
 Cable bond, Electric. J. A. Ratta. 1,932,602; Oct. 31.

- Cable, Brake. L. J. Ponti and A. Goede. 1,927,615; Sept. 19.
- Cable clamp. T. K. Cummins. 1,936,009; Nov. 21.
- Cable clamp. W. G. Milne. 1,905,967; Apr. 25.
- Cable clamp. J. K. Ostrander. 1,917,147; July 4.
- Cable clamping plate, Electric. J. E. Sumpter and A. Al-saker. 1,940,704; Dec. 26.
- Cable clip. T. E. McLaughlin. 1,940,263; Dec. 19.
- Cable clip. F. G. Ridgers. 1,921,777; Aug. 8.
- Cable code printer. A. F. Connerly. 1,910,823; May 23.
- Cable code printer. A. F. Connerly and M. H. Woodward. 1,895,095; Jan. 24.
- Cable code signaling system. M. H. Woodward. 1,921,796; Aug. 8.
- Cable conductor system. H. Nyquist. 1,915,442; June 27.
- Cable connector. S. N. Buchanan. 1,904,617; Apr. 18.
- Cable connector. L. H. Church. 1,904,409; Apr. 18.
- Cable connector. G. C. Thomas, jr. Re18,773; Mar. 21.
- Cable connector, Battery terminal. J. M. Pulici. 1,939,520; Dec. 12.
- Cable connector, Electrical. O. Richter and B. Carmigelt. 1,930,772; Oct. 17.
- Cable connecting and sealing means. B. E. Clarkson. 1,918,381; July 18.
- Cable connection. A. J. Sloan. 1,914,306; June 13.
- Cable connection. J. E. Sumpter. 1,930,154; Oct. 10.
- Cable, Continuously loaded telegraph. J. R. Vezey. 1,900,962; Mar. 14.
- Cable control. R. S. Sanford. 1,902,585; Mar. 21.
- Cable cutter. A. L. Morse. 1,896,912; Feb. 7.
- Cable, Deep-sea submarine. E. Badum. 1,939,484; Dec. 12.
- Cable, Electric. M. Barberisk and U. Baggi. 1,893,266; Jan. 3.
- Cable, Electric. H. Hill. 1,939,264; Dec. 12.
- Cable, Electric. O. S. Markuson. 1,904,873; Apr. 18.
- Cable, Electric. F. Palmer and J. E. McAuliffe. 1,940,225; Dec. 19.
- Cable, Electric. E. J. Schneider. 1,908,063; May 9.
- Cable, Electric. P. L. Shree. 1,904,887; Apr. 18.
- Cable, Electric. D. R. Stevens. 1,931,592; Oct. 24.
- Cable, Electrical. M. A. Kent. 1,904,472; Apr. 18.
- Cable, Electrical. H. Milliken. 1,904,162; Apr. 18.
- Cable, Electrical conductor. H. M. Scott. 1,928,188; Sept. 26.
- Cable equalizer. N. O. Lindstrom and L. G. Persson. 1,924,690; Aug. 29.
- Cable fitting. A. Rosner. 1,937,717; Dec. 5.
- Cable, Flameproof. W. C. Robinson. 1,895,898; Jan. 31.
- Cable, Flexible. A. Rosner. 1,911,470; May 30.
- Cable, Flexible. H. W. Webb. 1,895,197; Apr. 25.
- Cable for communication circuits. W. Gabriel. 1,899,501; Feb. 28.
- Cable for comparatively deep seas. G. Zapf. 1,893,119; Jan. 3.
- Cable for transmitting high frequency electrical energy. C. S. Franklin. 1,937,559; Dec. 5.
- Cable forming machine. H. J. Boe. 1,920,182; Aug. 1.
- Cable, Guard. C. H. Peterson, A. Sundt, and R. E. Tibbetts. 1,933,447; Oct. 31.
- Cable, High tension. K. A. Haanen and H. Meurer. 1,920,903; Aug. 1.
- Cable, High tension. T. F. Peterson. 1,912,794; June 6.
- Cable, High tension. E. G. Sievert and B. S. F. Ell. 1,928,575; Sept. 26.
- Cable, High tension electric. L. Emanuel. 1,900,600; Mar. 7.
- Cable, High tension power transmitting electric. C. A. Piercy. 1,893,376; Jan. 3.
- Cable joint. F. V. Maloon. 1,917,768; July 11.
- Cable joints, Apparatus for building. K. W. Miller. 1,929,509; Oct. 10.
- Cable, Lead-covered. A. R. Kemp. 1,935,322; Nov. 14.
- Cable, Loaded. J. J. Gilbert. 1,912,442; June 6.
- Cable maintenance apparatus. T. C. Henneberger. 1,904,226; Apr. 18.
- Cable making and like machine. F. J. Humphrey. 1,896,087; Feb. 7.
- Cable manufacture. K. E. Latimer. 1,933,270; Oct. 31.
- Cable, Multicore high tension. C. Cremer. 1,921,606; Aug. 8.
- Cable, Multiple lay. J. Gröbl. 1,919,509; July 25.
- Cable, Noninductive. C. P. Brodhun. 1,900,792; Mar. 7.
- Cable, Oil-filled. C. Cremer and M. Weisert. 1,937,054; Nov. 28.
- Cable, Oil-filled high tension. F. V. Calvert. 1,902,487; Mar. 21.
- Cable-operated brake. E. R. Evans. 1,936,191; Nov. 21.
- Cable or strand guiding mechanism. E. E. Fairbanks. 1,917,640; July 11.
- Cable pothead, Electric. G. A. Matthews. 1,909,590; May 16.
- Cable reel. F. J. Counihan. 1,920,843; Aug. 1.
- Cable reel. A. Lowy. 1,920,205; Aug. 1.
- Cable reel for electric appliances. D. L. and T. B. Farmer. 1,921,288; Aug. 8.
- Cable releasing clamp. J. M. Jester. 1,930,878; Oct. 17.
- Cable, Ribbon. A. L. H. Van der Straeten. 1,941,121; Dec. 26.
- Cable rider. W. B. Elmer and C. F. Avila. 1,892,798; Jan. 3.
- Cable, Rubber insulated electrical. C. O. Hull. 1,895,927; Jan. 31.
- Cable securing device, Street lamp. O. Anklaam. Re18,769; Mar. 21.
- Cable shearing mechanism. H. A. Stringfellow. 1,905,317; Apr. 25.
- Cable sheath containing lithium, Lead. E. Koch. 1,926,545; Sept. 12.
- Cable, Shielded rubber insulated. W. A. Del Mar. 1,922,726; Aug. 15.
- Cable signal repeater. H. H. Haglund. 1,929,947; Oct. 10.
- Cable signaling system, Submarine. E. T. Burton. 1,921,022; Aug. 8.
- Cable, Single core electric. P. V. Hunter, J. F. Watson, and L. G. Brazier. 1,906,968; May 2.
- Cable sleeves, Reenforcing. J. H. Gray. 1,929,580; Oct. 10.
- Cable snap or cracker, Drill. D. C. Moffett. 1,917,143; July 4.
- Cable splicing device. W. P. Montgomery. 1,926,297; Sept. 12.
- Cable splicing tool. C. S. Olson and E. J. De Right. 1,915,691; June 27.
- Cable, Steel aluminum. R. Baum. 1,904,116; Apr. 18.
- Cable, Submarine. J. R. Pheazey. 1,927,845; Sept. 26.
- Cable, Submarine. W. S. Smith, R. J. Garnett, and H. C. Channon. 1,912,548; June 6.
- Cable, Submarine communication. J. J. Gilbert. 1,926,899; Sept. 12.
- Cable, Submarine signaling. O. E. Buckley. 1,903,975; Apr. 18.
- Cable support. W. R. Ellis. 1,910,530; May 23.
- Cable suspension. E. St. John and S. C. Miller. 1,905,761; Apr. 25.
- Cable system. W. S. Clark. 1,933,313; Oct. 31.
- Cable system, Electric. W. S. Clark. 1,933,312; Oct. 31.
- Cable take-up device, Slack. J. Dunlop. 1,901,635; Mar. 14.
- Cable terminal. H. C. Mohr. 1,926,163; Sept. 12.
- Cable terminal. C. A. Rowley. 1,905,245; Apr. 25.
- Cable terminal and joint, High tension. T. R. Scott and J. K. Webb. 1,935,820; Nov. 21.
- Cable terminals, Making. J. A. Mendel. 1,937,431; Nov. 28.
- Cable terminator. J. C. Rah. 1,901,667; Mar. 14.
- Cable terminator cap assembly. J. Rah. 1,901,666; Mar. 14.
- Cable terminator provided with means for insulating ends of cable sheaths. J. Rah. 1,901,669; Mar. 14.
- Cable tightening and holding device for load pulling apparatus. A. Wikstrand. 1,905,542; Apr. 25.
- Cable, Underground. A. R. Kemp and J. H. Ingmanson. 1,935,323; Nov. 14.
- Cable, Underground oil-filled. G. B. Shanklin. 1,933,347; Oct. 31.
- Cable winding device, Fluid operated. G. G. Morin and E. J. Carleton. 1,926,164; Sept. 12.
- Cable winding drum or sheave. G. A. Allen. 1,927,673; Sept. 19.
- Cable winding means for loading skips. J. E. Bushnell and G. W. Cronk. 1,908,953; May 16.
- Cable with cradle, Multi-core. N. Okazaki. 1,940,917; Dec. 26.
- Cables and ropes, Apparatus for splicing. A. J. Sande. 1,895,234; Jan. 24.
- Cables and the like, Method and apparatus for gassing and plugging telephone. J. R. Brant. 1,935,902; Nov. 21.
- Cables, Connecting means for screened. G. Fossati. 1,920,553; Aug. 1.
- Cables equipped with a long sea-earth, Balancing. J. W. Milnor. 1,901,318; Mar. 14.
- Cables for high tension, Manufacture of electric. L. Emanueli. 1,933,008; Oct. 31.
- Cables, Measuring the elongation of hollow. G. Zapf. 1,936,282; Nov. 21.
- Cables, Method and apparatus for spinning bridge. C. C. Sunderland. 1,899,998; Mar. 7.
- Cables, Method for the compensation of capacity unbalances in the groups of cores of telegraph and telephone. H. W. Droste and H. Kirchdörfer. 1,924,840; Aug. 29.
- Cables, Method of and apparatus for forming. W. B. Wines. 1,936,146; Nov. 21.
- Cables, Method of and apparatus for improving the electrical properties of. W. A. Del Mar. 1,892,663; Jan. 3.
- Cables, Method of and machine for binding. A. R. Curtis. 1,900,695; Mar. 7.
- Cables, Multicore high tension electric. C. Held. 1,933,112; Oct. 31.
- Cables, Supporting and securing means for electric. A. W. Malone. 1,898,677; Feb. 21.
- Cables with hollow conductors, Jointing oil-filled. K. Höfner. 1,906,600; May 2.
- Cableway. N. S. Bateman. 1,934,478; Nov. 7.
- Cadmium-nickel alloy. C. E. Swartz and A. J. Phillips. 1,904,175-6; Apr. 18.
- Cadmium plating composition. G. B. Hogaboom. 1,893,368; Jan. 3.
- Cadmium sulphate, Making. H. P. Corson. 1,936,830; Nov. 28.
- Cage. J. Petry. 1,927,416; Sept. 19.
- Cage and utility hanger, Bird. C. A. Jones. 1,902,241; Mar. 21.
- Cage, Batting practice. S. F. Kelliher. 1,931,387; Oct. 17.
- Cage, Bird. S. Babitzky. 1,926,664; Sept. 12.
- Cage for antifriction bearings. H. R. Gibbons. 1,940,124; Dec. 19.

- Cage for ball bearings and making same. G. R. Bott. 1,915,288; June 27.
- Cage for ladders, Workman's. J. F. Murphy. 1,926,696; Sept. 12.
- Cage, lander, and gate combination. G. W. Merritt. 1,934,869; Nov. 14.
- Cages, Mechanism for constructing. E. W. Little. 1,909,292; May 16.
- Caisson. W. T. Fitzpatrick. 1,907,943; May 9.
- Caisson, Method and apparatus for constructing a concrete. T. McCauley, jr. 1,921,236; Aug. 8.
- Caisson work. L. R. Aalbot. 1,894,206; Jan. 10.
- Caissons and the building of piers, etc. Sinking of. J. S. Miller. 1,899,346; Feb. 28.
- Cake. S. Scherr. Des. 88,095; Jan. 24.
- Cake and the like, Apparatus for making sponge. C. E. Taroni and E. G. Ellis. 1,907,463; May 9.
- Cake box. J. A. Greene. Des. 90,981; Nov. 7.
- Cake cutting machine. J. R. Litty and T. B. Lundin. 1,923,871; Aug. 22.
- Cake holder. B. D. Edwards. 1,939,342; Dec. 12.
- Cake, Ice cream roll. A. Schorno. 1,905,756; Apr. 25.
- Cake molding or forming machine. F. C. Simon. 1,896,563; Feb. 7.
- Cake of soap. A. Mosheim. Des. 89,350; Feb. 28.
- Cake stripper. W. A. Wilhelm. 1,893,854; Jan. 10.
- Cake wrapping. K. Hoffmann. 1,927,403; Sept. 19.
- Cakes, Treatment of spinning. C. Herrmann. 1,938,880; Dec. 12.
- Calcium chlorate, Purification of. S. B. Heath. 1,893,740; Jan. 10.
- Calcium chloride and making same, Prepared. S. B. Heath. 1,922,697; Aug. 15.
- Calcium chloride. Preparation of. H. Rynalski. 1,926,653; Sept. 12.
- Calcium cyanamide, Manufacturing. K. Hibi. 1,941,172; Dec. 26.
- Calcium cyanamide, Production of noncaustic. G. Hamprecht. 1,908,978; May 16.
- Calcium cyanide. P. J. Carlisle. 1,909,042; May 16.
- Calcium gluconate and making same, Highly soluble. R. Pasterkuck and W. R. Giles. 1,900,517; Mar. 7.
- Calcium gluconate solution, Supersaturated. A. Stoll and E. Rothlin. 1,904,257; Apr. 18.
- Calcium, Handling and storing qualities of compounds of. H. Reitz and H. Ehlers. 1,916,770; July 4.
- Calcium hypochlorite. J. A. M. W. Mitchell and F. T. Meehan. 1,940,557; Dec. 19.
- Calcium hypochlorite, Manufacture of. F. N. Kitchen. 1,937,230; Nov. 28.
- Calcium hypochlorite, Manufacture of. M. Weber, jr. 1,937,613; Dec. 5.
- Calcium hypochlorite, Recovery of. H. Reitz and H. Ehlers. 1,919,304; July 25.
- Calcium hypochlorite, Recovery of. H. Reitz and H. Ehlers. 1,931,622; Oct. 24.
- Calcium nitrate from dolomite while simultaneously obtaining magnesia, Producing. O. Kippe. 1,904,946; Apr. 18.
- Calcium nitrate from phosphate rock, Preparing. A. L. McCallum, B. F. Sutherland, and J. B. Thompson. 1,905,930; Apr. 25.
- Calcium nitrate, Production of. O. Kaselitz. 1,893,946; Jan. 10.
- Calcium nitrate, Production of solid. C. C. Smith. 1,903,636; Apr. 11.
- Calcium nitrate-urea double compound, Production of a. W. Meiser, W. Geisel, and W. von Knilling. 1,911,580; May 30.
- Calcium phosphate, Free flowing mono. F. R. Deutman. 1,913,796; June 13.
- Calcium sulphate, Making fluffy, hydrated. W. H. MacIntire and T. B. Stansel. 1,926,626; Sept. 12.
- Calculating cheese cutter. W. W. Clarke and J. J. Borusky. 1,926,195; Sept. 12.
- Calculating device. J. F. Denney. 1,913,140; June 6.
- Calculating device. J. F. Summers. 1,936,998; Nov. 28.
- Calculating device for use with three-phase wattmeters. C. H. Thayer. 1,918,723; July 18.
- Calculating device, Mechanical. F. E. Miner. 1,914,034; June 13.
- Calculating machine. J. H. Bair. 1,940,069; Dec. 19.
- Calculating machine. W. Ball. 1,930,870-1; Oct. 17.
- Calculating machine. R. G. Bower. 1,907,724; May 9.
- Calculating machine. E. F. Britten, jr. 1,913,973; June 13.
- Calculating machine. L. R. Brown. 1,900,042; Mar. 7.
- Calculating machine. T. M. Butler. 1,914,401; June 20.
- Calculating machine. B. Carlström. 1,927,771; Sept. 19.
- Calculating machine. G. C. Chase. 1,898,996; Feb. 28.
- Calculating machine. G. C. Chase. 1,936,046; Nov. 21.
- Calculating machine. H. Cordt. 1,910,201; May 23.
- Calculating machine. L. P. Grosman. 1,929,625; Oct. 10.
- Calculating machine. J. G. Dunker. 1,901,152; Mar. 14.
- Calculating machine. H. Ewald. 1,936,011; Nov. 21.
- Calculating machine. C. M. F. Friden. Re. 18,911; Aug. 1.
- Calculating machine. C. M. F. Friden. 1,903,105; Mar. 28.
- Calculating machine. C. M. F. Friden. 1,913,630; June 13.
- Calculating machine. C. M. F. Friden. 1,916,610; July 4.
- Calculating machine. C. M. F. Friden. 1,928,125; Sept. 26.
- Calculating machine. C. M. F. Friden. 1,936,903-4; Nov. 28.
- Calculating machine. A. Gerth. 1,911,683; May 30.
- Calculating machine. H. Golber. Re. 18,979; Oct. 24.
- Calculating machine. J. E. W. Greve. 1,903,179; Mar. 28.
- Calculating machine. W. S. Gubelmann. 1,900,103; Mar. 7.
- Calculating machine. W. S. Gubelmann. 1,924,653; Aug. 29.
- Calculating machine. E. V. Gustafsson and G. H. Hellgren. 1,930,475; Oct. 17.
- Calculating machine. H. Hoffmeister. 1,895,189; Jan. 24.
- Calculating machine. A. A. Horton. 1,908,358; May 9.
- Calculating machine. F. A. Hosack. 1,938,907; Dec. 12.
- Calculating machine. O. Koch. 1,941,309; Dec. 26.
- Calculating machine. A. Kottmann. 1,932,220; Oct. 24.
- Calculating machine. H. Landsiedel. 1,901,372; Mar. 14.
- Calculating machine. G. Lerch. 1,927,269; Sept. 19.
- Calculating machine. G. Lerch. 1,935,851; Nov. 21.
- Calculating machine. C. Luttrupp. 1,896,182; Feb. 7.
- Calculating machine. H. P. Mixer. 1,927,878; Sept. 26.
- Calculating machine. E. Racz. 1,913,510; June 13.
- Calculating machine. W. Stuber. 1,910,571; May 23.
- Calculating machine. H. Suter. 1,915,037; June 20.
- Calculating machine. J. A. V. Turck. 1,902,597-8; Mar. 21.
- Calculating machine. J. A. V. Turck. 1,905,579; Apr. 25.
- Calculating machine. J. A. V. Turck. 1,926,826; Sept. 12.
- Calculating machine. J. A. V. Turck. 1,926,827; Sept. 12.
- Calculating machine. J. A. V. Turck. 1,927,857; Sept. 26.
- Calculating machine. J. A. V. Turck and R. A. Ferris. 1,927,856; Sept. 26.
- Calculating machine. E. C. Walter. 1,912,874; June 6.
- Calculating machine. O. Wernecke. 1,911,733; May 30.
- Calculating machine comprising axially displaceable setting wheels. H. Suter. 1,900,776; Mar. 7.
- Calculating machine, Multiple register. R. L. Muller. 1,920,477; Aug. 1.
- Calculating machine with two counting mechanisms. A. Kottmann. 1,921,529; Aug. 8.
- Calculating machines and the like, Carrying mechanism for. R. Haase. 1,900,808; Mar. 7.
- Calculating machines, Automatic rounding off mechanism for. A. Kottmann. 1,908,986; May 16.
- Calculating machines, Integrating mechanism for. A. Baumann and C. P. Horlacher. 1,928,874; Oct. 3.
- Calculating machines, Selecting mechanism for multiple counter. W. J. Pasinski. 1,909,715; May 16.
- Calculating or adding machine. G. B. Petter. 1,917,732; July 11.
- Calculating or indicating apparatus. J. F. T. Engblom and C. W. Wilman. 1,935,021; Nov. 14.
- Calculator. G. R. Hobbs. 1,928,377; Sept. 26.
- Calculator. T. E. Woodward. 1,922,465; Aug. 15.
- Calculator, Automatic. W. J. Pasinski. 1,909,714; May 16.
- Calculator, Mechanical. F. E. Webner. 1,911,863; May 30.
- Calculator, Navigation. C. H. Colvin. 1,910,093; May 23.
- Calculator, Production. H. Kafine. 1,937,277; Nov. 28.
- Calculator, Work payment. N. Hitchcock. 1,914,856; June 20.
- Calendar. J. Brenner. 1,921,451; Aug. 8.
- Calendar. J. L. Gibbs. 1,921,815; Aug. 8.
- Calendar. W. J. Glass. 1,906,261; May 2.
- Calendar. L. Middleditch. 1,927,131; Sept. 19.
- Calendar. G. Y. Neely. 1,898,137; Feb. 21.
- Calendar. H. F. Shedd. 1,925,465; Sept. 5.
- Calendar. K. Wüstefeld. 1,929,731; Oct. 10.
- Calendar and memorandum stand. F. S. Schade. 1,940,632; Dec. 19.
- Calendar and record. L. B. Martin. 1,902,567; Mar. 21.
- Calendar attachment for writing instrumentalities. J. Diliberto. 1,939,543; Dec. 12.
- Calendar, Date indicating. H. M. Mathers. 1,894,470; Jan. 17.
- Calendar for writing instruments, Perpetual. J. Moll. 1,925,844; Sept. 5.
- Calendar mechanism. M. N. Richter and F. Lowitz. 1,903,430; Apr. 11.
- Calendar of the roller type, Perpetual. E. Krug. 1,933,812; Nov. 7.
- Calendar or date indicator, Watch or clock. H. Hoffmann. 1,906,908; May 2.
- Calendar pad, Monthly-Yearly. R. M. Hall. 1,895,321; Jan. 24.
- Calendar, Perpetual. S. Furedi. 1,905,846; Apr. 25.
- Calendar, Perpetual. E. E. Hansen. 1,940,859; Dec. 26.
- Calendar, Perpetual. M. A. Migney. Des. 89,285; Feb. 14.
- Calendar, Perpetual. H. F. Shedd. 1,907,261; May 2.
- Calendar, Selective. J. H. E. Houle. 1,895,797; Jan. 31.
- Calendar stand. C. N. Montanye. 1,931,205; Oct. 17.
- Calendar, Universal desk. R. M. Hall. 1,895,322; Jan. 24.
- Calendar doctor assembly. A. N. Russell. 1,935,164; Nov. 14.
- Calendar, Hydraulic. T. E. Kane. 1,912,709; June 6.
- Calendar, Rotary linen finish. H. H. Hanson and G. Craven. 1,929,355; Oct. 3.
- Calibrated nonreversible pump. H. T. Wheeler. 1,913,062; June 6.
- Calibrating apparatus for liquid tanks. E. B. Linton. 1,898,734; Feb. 21.

- Calibrating means for oil gauges. B. H. Chisholm. 1,922,616; Aug. 15.
- Calc for shoes, Antislipping. J. J. Masterson. 1,918,279; July 18.
- Calking and centering means. R. J. Gollong. 1,923,927; Aug. 22.
- C-alkyl and C-aralkyl derivatives of aromatic compounds, Production of. Z. Bödi. 1,897,795; Feb. 14.
- Call apparatus for automatic telephones. J. Servanton and J. M. Consael. 1,913,905; June 13.
- Call device and call device indicia support. H. F. Oberfell. 1,920,210; Aug. 1.
- Call mechanism, Automatic. D. W. Driscoll. 1,922,572; Aug. 15.
- Call system adapted to be used in connection with automatic telephones. C. Battagay. 1,933,089; Oct. 31.
- Call system, Selective. C. Battagay. 1,933,088; Oct. 31.
- Calorimeter and fluid regulating device. H. F. Smith. 1,923,331; Aug. 22.
- Cam and like grinding machine. L. Mawer. 1,894,382; Jan. 17.
- Cam cutting machine compensating means. J. C. and R. D. Shaw. 1,924,003; Aug. 22.
- Cam gear for internal combustion engines. A. Kreidler. 1,896,449; Feb. 7.
- Cam grinding apparatus. W. F. Fraser. 1,914,561; June 20.
- Cam grinding apparatus. C. G. Trefethen. 1,903,149; Mar. 28.
- Cam grinding machine. J. C. and R. D. Shaw. Re18,733; Feb. 14.
- Cam lock. O. H. Siewek. 1,940,275; Dec. 19.
- Cam mechanism. H. C. Beck. 1,925,974; Sept. 5.
- Cam mechanism, Adjustable. N. Deisch. 1,917,435; July 11.
- Cam miller. N. M. Marsilius. 1,895,334; Jan. 24.
- Cam operating means. R. Müller. 1,895,259; Jan. 24.
- Cam shaft or holder. A. Renner and E. Daiber. 1,938,402; Dec. 5.
- Cam testing device. L. C. Shippy. 1,924,260; Aug. 29.
- Camera. E. L. Bowles. 1,929,052; Oct. 3.
- Camera. G. Camilli. 1,934,484; Nov. 7.
- Camera. O. Diaz. 1,893,668; Jan. 10.
- Camera. R. P. Diaz. 1,933,895; Nov. 7.
- Camera. J. J. Field. 1,934,178; Nov. 7.
- Camera. C. L. Fitz. 1,931,983; Oct. 24.
- Camera. W. B. Foulke. 1,911,680; May 30.
- Camera. O. W. Githens. Des. 89,888; May 16.
- Camera. A. G. Hillman. 1,919,021; July 18.
- Camera. W. Josselyn. 1,895,248; Jan. 24.
- Camera. W. Josselyn. 1,915,497; June 27.
- Camera. E. M. Mueller. 1,892,846; Jan. 3.
- Camera. R. R. Robertson. 1,892,684; Jan. 3.
- Camera. M. J. Sullivan. 1,913,998; June 13.
- Camera. J. B. Walker. 1,898,471; Feb. 21.
- Camera. C. H. Whitlock. Des. 91,228; Dec. 19.
- Camera and film container adapted to be inserted into such cameras, Motion-picture. K. Morsbach. 1,937,354; Nov. 28.
- Camera and magazine construction, Photographic. R. S. Hopkins. 1,933,807; Nov. 7.
- Camera and projecting apparatus, Combined. F. H. Owens. 1,899,052; Feb. 28.
- Camera and projector, Combined motion picture. F. H. Owens. 1,911,845; May 30.
- Camera apparatus, Portable. B. McCandless. 1,900,020; Mar. 7.
- Camera attachment. R. Keogh. 1,919,635; July 25.
- Camera, Automatic. H. H. Cole. 1,932,691; Oct. 31.
- Camera back. W. H. Petit and E. S. Hine. 1,900,730; Mar. 7.
- Camera back for exposing light sensitive photographic plates, Rotatable turret. F. A. Lathe. 1,902,869; Mar. 28.
- Camera bellows and making same. J. A. Noble. 1,908,531; May 9.
- Camera body. C. A. Bornmann. 1,930,334; Oct. 10.
- Camera case. J. Kinzy. 1,918,813; July 18.
- Camera casing. J. Mihalyi and W. D. Teague. Des. 90,589; Aug. 29.
- Camera casing. W. H. Petit and E. S. Hine. Des. 90,377-8; July 25.
- Camera casing. W. D. Teague. Des. 89,817; May 9.
- Camera casing. W. D. Teague. Des. 90,602; Aug. 29.
- Camera, Cinematograph. R. S. Alldridge. 1,916,131-2; June 27.
- Camera construction, Duplex. E. C. Fritts. 1,933,797; Nov. 7.
- Camera construction, Photographic. R. S. Hopkins. 1,935,210; Nov. 14.
- Camera control, Motion picture. P. A. Stephenson. 1,905,522; Apr. 25.
- Camera, Enlargement. O. Barnack. 1,930,431; Oct. 10.
- Camera finder. J. Sohn. 1,896,428; Feb. 7.
- Camera focusing mechanism. C. R. Ermes. 1,918,206; July 11.
- Camera focusing mechanism. G. A. Mitchell. 1,893,712; Jan. 10.
- Camera, Folding. C. Bornmann and B. C. Roehrl. 1,937,053; Nov. 28.
- Camera, Folding. H. Dieke and A. Zick. 1,937,057; Nov. 28.
- Camera, Mapping. C. F. Jenkins. 1,939,172; Dec. 12.
- Camera, Motion picture. H. K. Fairall. 1,897,368; Feb. 14.
- Camera, Motion-picture. K. Morsbach. 1,897,762; Feb. 14.
- Camera, Motion picture. W. H. Nickerson. 1,910,034; May 23.
- Camera, Motion picture. M. Nopper. 1,907,437; May 9.
- Camera, Motion picture. F. Short. 1,895,211; Jan. 24.
- Camera, Motion picture. O. Wittel. 1,912,749; June 6.
- Camera, Motion picture. O. Wittel. 1,933,782; Nov. 7.
- Camera, Motion-picture-film. K. Morsbach and K. Cousin. 1,935,327; Nov. 14.
- Camera mounting. L. F. Tonsor. 1,898,469; Feb. 21.
- Camera operating mechanism. H. E. Dyche. Re18,956; Sept. 19.
- Camera, Photographic. A. Barényi. 1,927,884; Sept. 26.
- Camera, Photographic. M. B. Burns. 1,931,890; Oct. 24.
- Camera, Photographic. A. S. Howell. 1,893,327; Jan. 3.
- Camera, Photographic. W. F. Pettie. 1,909,222; May 16.
- Camera, Photographic. F. T. Powers. 1,909,424; May 16.
- Camera, Photographic. J. Ruberg. 1,936,860; Nov. 28.
- Camera, Photographic. F. Schaefer. 1,928,983; Oct. 3.
- Camera, Photographic. T. Walton. 1,914,874; June 20.
- Camera, Photographic. E. Wildhaber. 1,910,731; May 23.
- Camera, Photographic folding. E. Farkas. 1,912,767; June 6.
- Camera, Photographic folding. E. Farkas. 1,917,578; July 11.
- Camera, Roll film box. M. Baldeweg. 1,893,122; Jan. 3.
- Camera, Roll-film box. M. Baldeweg. 1,913,912; June 13.
- Camera, Roll holding. C. C. Fuerst. 1,939,210; Dec. 12.
- Camera, Self-erecting front. J. Christie. 1,939,203; Dec. 12.
- Camera shutter. W. A. Riddell. 1,921,541; Aug. 8.
- Camera-silhouette machine. W. H. Venzie. 1,895,239; Jan. 24.
- Camera, Soundproofing picture-recording. L. De Forest. 1,929,626; Oct. 10.
- Camera stand, Depthograph. C. W. Kanolt. 1,900,562; Mar. 7.
- Camera stand, Portable. F. E. Roshnell. 1,915,802; June 27.
- Camera support and manipulator, Moving picture. R. L. Crew. 1,939,665; Dec. 19.
- Camera support, Recording machine. E. C. Fritts. 1,939,208; Dec. 12.
- Camera, Three-color photographic. E. Reckmeier. 1,895,555; Jan. 31.
- Camera, View. S. R. Klasey. 1,928,757; Oct. 3.
- Cameras, Adjusting indicating mechanism for. W. H. Snyder. 1,918,143; July 11.
- Cameras, Attachment for. W. J. Miskella. 1,913,848; June 13.
- Cameras, Backpiece for film. W. Widmann. 1,898,232; Feb. 21.
- Cameras, Combined view finder and catch for. C. A. Bornmann. 1,903,434; Apr. 11.
- Cameras, Drying apparatus for automatic. C. Bodan, and S. J. Pask. 1,907,718; May 9.
- Cameras, Exposure guard for. L. Bender. 1,911,258; May 30.
- Cameras, Exposure indicator attachment to photographic. C. A. B. Watson. 1,905,956; Apr. 25.
- Cameras, Focusing device for. J. B. Hadaway. 1,906,059; Apr. 25.
- Cameras, Focusing device for photographic. H. F. Tonnes. 1,921,898; Aug. 8.
- Cameras, Mechanism for the automatic focusing of. L. Del Riccio. 1,925,524; Sept. 5.
- Cameras, Removable exposure and focusing device for. A. J. Ginsberg. 1,920,072; July 25.
- Cameras, Sliding back for. W. E. Burnell. 1,933,889; Nov. 7.
- Cameras, Title holder for. J. W. Little. 1,913,167; June 6.
- Camomile extracts, Modification of the preparation of. A. Abelmann. 1,926,929; Sept. 12.
- Camp arm chair, Folding. S. A. Pratt. 1,916,772; July 4.
- Camp cooler, Suspended. J. H. Mendenhall and T. T. Shoaf. 1,892,733; Jan. 3.
- Camphene, Preparing. C. O. Henke and G. Etzel. 1,901,746; Mar. 14.
- Camphene, Production of. E. Schwenk and E. Borgwordt. 1,908,064; May 9.
- Camphor, Manufacturing pure para-hydroxy. K. Tamura, G. Kihara, Y. Asahina, and M. Ishidate. 1,900,209; Mar. 7.
- Camshaft grinding machine. T. C. Van Degrift and W. H. McCoy. 1,937,999; Dec. 5.
- Can: Sec—
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| Ash can. | Oil can. |
| Collar can. | Safety oil can. |
| Dispensing can. | Sanitary preserving can. |
| Grease can. | Sanitary waste can. |
| Fluid dispensing can. | Sealed can. |
| Measuring can. | Shipping can. |
- Can. J. P. Loeber. 1,921,682; Aug. 8.
- Can and brush holder, Paint. J. D. Tucker. 1,940,157; Dec. 19.
- Can and holder therefor, Garbage. P. C. Nielsen. 1,906,082; Apr. 25.
- Can and jar wrench. L. H. Underwood. 1,898,409; Feb. 21.
- Can and making same, Collar. C. J. Aulbach. 1,940,658; Dec. 26.
- Can and making same, Milk. J. P. Walker. 1,921,247; Aug. 8.

- Can bodies, Apparatus for making. H. Sebell. 1,918,197; July 11.
- Can bodies, Machine for side seaming. W. J. Phelps. 1,918,662; July 18.
- Can bodies, Method and apparatus for forming smoothly rounded. F. Krueger. 1,930,562; Oct. 17.
- Can bodies, Method and machine for side seaming. W. J. Phelps. 1,918,661; July 18.
- Can bodies, Producing flanged. J. M. Hothersall. 1,915,318; June 27.
- Can body and blank therefor, Cylindrical. W. W. Wilhelm. 1,917,174; July 4.
- Can body for sanitary cans. J. Coyle. 1,912,259; May 30.
- Can body soldering apparatus. R. Luthi. 1,935,646; Nov. 21.
- Can cap. S. O. Paull. 1,939,022; Dec. 12.
- Can closing machine. C. A. Anderson. 1,941,195; Dec. 26.
- Can closing machine. N. Troyer and P. E. Pearson. 1,929,339; Oct. 3.
- Can cooling and transferring mechanism. F. D. Chapman. 1,924,271; Aug. 29.
- Can cooling apparatus. B. C. Skinner. 1,939,087; Dec. 12.
- Can covering apparatus. J. Hauk. 1,901,594; Mar. 14.
- Can covers, Device for securing milk. H. G. Packer. 1,898,262; Feb. 21.
- Can delivery mechanism. C. M. Sperazz. 1,916,445; July 4.
- Can end seamer. F. Krueger. 1,923,101; Aug. 22.
- Can exhaustor. F. B. Bartels. 1,915,482; June 27.
- Can feeder. J. T. Tucker. 1,894,547; Jan. 17.
- Can feeding mechanism. A. E. Almgren. 1,924,146; Aug. 29.
- Can feeding system. A. H. Nelson. 1,921,577; Aug. 8.
- Can filler. L. Buehler, Jr. 1,899,134; Feb. 28.
- Can filling machine. O. H. Hansen. 1,897,665; Feb. 14.
- Can filling machine. O. H. Hansen. 1,918,641; July 18.
- Can lid stamping mechanism. J. K. Browning. 1,906,363; May 2.
- Can liner. L. A. Meltzer. 1,907,082; May 2.
- Can machinery. C. J. Noll. 1,941,152; Dec. 26.
- Can making machine. W. Cameron. 1,917,359; July 11.
- Can necking mechanism. W. Cameron. 1,912,821; June 6.
- Can opening device. C. F. Holman. 1,939,349; Dec. 12.
- Can perforating and contents pouring lid. V. N. Hamilton. 1,920,385; Aug. 1.
- Can perforating device. R. A. Higgins, Jr. 1,911,506; May 30.
- Can piercing and dispensing device. F. A. Prah. 1,939,790-2; Dec. 19.
- Can positioning mechanism for liquid dispensing. C. H. Ayars. 1,919,155; July 18.
- Can puncturing and sealing device. J. W. Dye. 1,923,779; Aug. 22.
- Can puncturing device. W. T. Mead. 1,937,975; Dec. 5.
- Can-seaming machine, Semiautomatic. N. Troyer and P. E. Pearson. 1,930,402; Oct. 10.
- Can support, opener, and dispensing device, Combination milk. W. O. Dailey. 1,927,258; Sept. 19.
- Can testing machine. W. Dieter. 1,900,918; Mar. 14.
- Can top, Powder. A. L. Davis. 1,940,079; Dec. 19.
- Can unloader. R. Douglass. 1,904,720; Apr. 18.
- Can vacuumizing and seaming machine. N. Troyer and P. E. Pearson. 1,933,462; Oct. 31.
- Can varnishing machine. G. C. Cooke and R. F. Becht. 1,931,252; Oct. 17.
- Can washing device. W. J. Wachowitz. 1,925,353; Sept. 5.
- Can washing machine. J. Hauk. 1,901,595; Mar. 14.
- Can washing machine. I. R. Hippenmeyer. 1,902,238; Mar. 21.
- Can washing machine. I. H. Kendall. 1,892,773; Jan. 3.
- Can washing machine. I. H. Kendall. 1,909,835; May 16.
- Can washing machine. C. F. McEwan. 1,908,526; May 9.
- Can washing machine. C. F. McEwan. 1,932,593; Oct. 31.
- Can washing machine. H. L. Solie and N. J. Hedlund. 1,904,391; Apr. 18.
- Can washing machine. L. J. Williams. 1,916,595; July 4.
- Can washing machine, Rotary. C. F. McEwan. 1,939,308; Dec. 12.
- Can weighing machine. J. F. Perkins. 1,932,985; Oct. 31.
- Canned fish package and preparing the same. B. R. Brierly. 1,905,338; Apr. 25.
- Canned goods, Apparatus for freezing. D. G. Sorber. 1,940,192; Dec. 19.
- Canning machine. C. H. Ayars. 1,922,148; Aug. 15.
- Canning machine. V. Bailor. 1,909,604; May 16.
- Cans and the like, Conveying and unpacking. S. B. Mott. 1,906,126; Apr. 25.
- Cans and the like, Packaging. S. B. Mott. 1,935,249; Nov. 14.
- Cans, Apparatus for transferring. J. M. Seaman. 1,907,189; May 2.
- Canceled, Rotary hand. W. H. Wheeler, Jr. 1,909,326; May 16.
- Candelabra. X. N. Benziger. 1,940,841; Dec. 26.
- Candelabrum. I. Cooperstein and A. Levitt. Des. 89,423; Mar. 7.
- Candies or the like, Apparatus for packaging. J. M. Hutchinson. 1,919,370; July 25.
- Candy and making same. H. G. Granger. 1,927,640; Sept. 19.
- Candy and making same. J. E. Mayhew. 1,927,041; Sept. 19.
- Candy box. A. Bonomo. Des. 91,232; Dec. 26.
- Candy box. A. Olsen, Jr., and R. W. Robinson. 1,898,208; Feb. 21.
- Candy centers, Molding. T. and C. Werner. 1,894,651; Jan. 17.
- Candy, Making moisture resisting decorated panned. S. A. Humphrey. 1,931,409; Oct. 17.
- Candy package. J. Haan. Des. 90,245; July 4.
- Candy package. J. W. Scully. 1,935,251; Nov. 14.
- Candy support. E. H. Nollau. 1,923,275; Aug. 22.
- Candy units, Making plastic. W. H. Haug. 1,915,528; June 27.
- Candy units, Method of and machine for producing. W. B. Laskey. 1,906,069; Apr. 25.
- Candle. W. L. Morrison. 1,911,161; May 23.
- Candle and making same. H. H. Root. 1,937,393; Nov. 28.
- Candle extinguisher. B. A. Benziger. 1,941,072; Dec. 26.
- Candle, Fast burning type. L. J. Conkling. Re18,938; Sept. 5.
- Candle, Fast burning type. L. J. Conkling. 1,895,149; Jan. 24.
- Candle, Filter. W. Mooz. 1,922,315; Aug. 15.
- Candle flash light. I. L. Ferris and G. C. Fullmer. 1,916,472; July 4.
- Candle holder. C. E. Haley. 1,918,098; July 11.
- Candle holder and making the same. F. J. and P. P. Addis. 1,911,983; May 30.
- Candle holders, Device for making. F. J. and P. P. Addis. 1,911,982; May 30.
- Candle light, Pick-up. G. C. Fullmer. 1,901,589; Mar. 14.
- Candle making. E. F. Nelson. 1,908,044; May 9.
- Candle making, Apparatus for. A. L. Berger. 1,926,362; Sept. 12.
- Candle making machine. E. C. Bixby. 1,906,444; May 2.
- Candle manufacture. J. Egan and V. Mills. 1,935,946; Nov. 21.
- Candle snuffer. J. Soss. 1,936,691; Nov. 28.
- Candle stick. M. Hogg. 1,923,826; Aug. 22.
- Candle stick. W. L. Morrison. 1,911,162; May 23.
- Candlestick base or article of analogous nature. E. T. Beck. Des. 90,967; Nov. 7.
- Cane and popgun, Combined. M. L. Orr. 1,924,957; Aug. 29.
- Cane harvesting machinery. R. S. Falkiner. 1,903,335; Apr. 4.
- Cane harvesting mechanism. R. S. Falkiner and W. G. Charley. 1,908,966; May 16.
- Cane mill. E. W. Kopke and L. J. Struebig. 1,899,202; Feb. 28.
- Cane, Novelty. F. A. Geier. 1,908,662; May 9.
- Caning device. J. W. J. Ackermans. 1,913,466; June 13.
- Cannon. L. L. Driggs, Jr. 1,922,080; Aug. 15.
- Cannula package. J. Grifols Y Roig. 1,924,785; Aug. 29.
- Canopies, Convenience outlet for. P. E. Burns. 1,905,341; Apr. 25.
- Canopy. D. W. Lynch. Des. 91,209; Dec. 19.
- Canopy, Lighting fixture. E. B. Grier. Des. 89,889; May 16.
- Canopy support. E. Denman. 1,932,958; Oct. 31.
- Canopy support. W. Tomlins. 1,940,981; Dec. 26.
- Canopy switch. S. L. Sneiderman and E. B. Gale. 1,901,337; Mar. 14.
- Caoutchouc like bodies, Manufacture of. J. Baer. 1,922,923; Aug. 15.
- Caoutchouc solutions, Producing high-percent. R. Oeckinghaus. 1,909,219; May 16.
- Cap. R. F. and R. H. Albert. 1,909,997; May 23.
- Cap. C. E. McManus. 1,907,994; May 9.
- Cap. F. B. Miller. 1,926,912; Sept. 12.
- Cap. V. C. Mushkin. Des. 89,243; Feb. 7.
- Cap. A. Zay. 1,918,883; July 18.
- Cap and knock off for pitman or supports, Rainproof. B. G. Goble. 1,935,396; Nov. 14.
- Cap and manufacturing the same, Bottle. A. H. Warth. 1,899,783; Feb. 28.
- Cap, Automobile radiator. J. J. Turbee. Des. 89,934; May 16.
- Cap, Bathing. T. W. Casey. 1,931,486; Oct. 24.
- Cap, Bathing. I. K. de Wet. 1,926,937; Sept. 12.
- Cap, Bathing. E. P. Gustafson. 1,898,954; Feb. 21.
- Cap, Bathing. M. E. Rhodes. 1,931,966; Oct. 24.
- Cap, Blasting. W. T. Ayer. 1,912,423; June 6.
- Cap, Blasting. J. A. Hammond. 1,898,011; Feb. 21.
- Cap, Blasting. J. Piccard. 1,901,469; Mar. 14.
- Cap, Blasting. K. Wassen. 1,910,487; May 23.
- Cap, Bottle. B. F. Conner. Des. 89,874; May 16.
- Cap, Bottle. C. A. MacCordy. 1,908,037; May 9.
- Cap, Bottle. G. J. Praechtl. 1,908,444; May 9.
- Cap, Bottle. A. H. Warth. 1,899,784; Feb. 28.
- Cap, Breather pipe. A. T. Taylor and O. B. Wilhite. 1,906,663; May 2.
- Cap, Bubble. K. M. Urquhart. 1,918,005; July 11.
- Cap closure. D. B. Ronzone. 1,930,061; Oct. 10.
- Cap, Cooling. B. D. Barrow. 1,907,709; May 9.
- Cap, Cover-all bottle. R. N. Stewart. 1,906,921; May 2.
- Cap, Crutch-head. H. M. Higgins. 1,906,264; May 2.
- Cap, Delay. H. R. Alexander. 1,924,342; Aug. 29.
- Cap, Dispensing. N. C. Phillips. 1,919,859; July 25.
- Cap driver. A. Herndon. 1,895,037; Jan. 24.
- Cap ejector, Bottle. R. J. Wynne and P. H. Meyer. 1,934,248; Nov. 7.
- Cap feed for double-seaming machines. H. L. Guenther. 1,935,443; Nov. 14.

- Cap for collapsible tubes. K. L. Hayden. 1,913,274; June 6.
- Cap for collapsible tubes, Automatic pressure valve seal. J. J. Heard. 1,905,936; Apr. 25.
- Cap for containers. G. E. West. 1,905,356; Apr. 25.
- Cap for containers, Dispensing. E. H. Tompkins. 1,937,609; Dec. 5.
- Cap for jars. L. R. N. Carvalho. 1,912,969; June 6.
- Cap for radiator necks and the like. L. A. Jarvis. 1,898,055; Feb. 21.
- Cap for sanctuary or other oil burning lamps. M. T. Sevcik. 1,915,622; June 27.
- Cap for smoke stacks, Metallic ventilated. J. Hilt. 1,930,050; Oct. 10.
- Cap for the breather pipes of internal combustion engines. J. P. Brown. 1,919,709; July 25.
- Cap for tubes, Nonremovable. G. E. Zahn and W. E. Mengel. 1,914,765; June 20.
- Cap, Fruit jar. A. L. Schram. 1,918,786; July 18.
- Cap, Ink bottle. H. F. Soper. Des. 89,939; May 16.
- Cap, Milk bottle. L. Towry. 1,907,615; May 9.
- Cap, or closure for receptacles, Metal. F. L. Darling. 1,937,642; Dec. 5.
- Cap, Paste tube. R. T. Hubbell. 1,908,847; May 16.
- Cap, protecting. E. E. Cooper. 1,900,098; Mar. 7.
- Cap, Recoil preventing safety. D. Mapes. Re18,839; May 23.
- Cap remover, Bottle. E. G. Saal. 1,929,855; Oct. 10.
- Cap removing tool. A. G. Osborne. 1,913,816; June 13.
- Cap retainer for collapsible tubes and the like. A. G. Teason. 1,937,674; Dec. 5.
- Cap, Sanitary try-on. R. McGill. 1,906,990; May 2.
- Cap, Sediment collecting. F. A. and A. H. Grauman. 1,908,975; May 16.
- Cap, Twisting. R. Gollong. 1,928,253; Sept. 26.
- Cap, Uniform. A. R. Stern. 1,895,593; Jan. 31.
- Cap, Wave saving. F. Harper. 1,920,387; Aug. 1.
- Cap with spare bulb carrier, Flashlight bottom. G. H. Barber. 1,905,787; Apr. 25.
- Cap, Woman's tennis. L. L. Campbell. Des. 90,101; June 13.
- Cap wrench. C. W. Draper. 1,934,118; Nov. 7.
- Capacitor, Short wave. W. M. Bailey. 1,938,793; Dec. 12.
- Capping and sealing machine. W. H. Knowles. 1,895,225; Jan. 24.
- Capping machine. C. N. Bergmann. 1,908,216; May 9.
- Capping machine. R. L. Drake. 1,900,637; Mar. 7.
- Capping machine. W. R. Roberts. 1,924,753; Aug. 29.
- Capping machine. A. G. Schurman. 1,930,625; Oct. 17.
- Capping machine, Automatic. E. and R. A. Manning. 1,939,126; Dec. 12.
- Capping machine for bottles and the like. A. J. Jonsson. 1,909,542; May 16.
- Capping table. A. S. Chandler. 1,903,980; Apr. 18.
- Caps, Apparatus for forming sheet metal. J. M. Hother-sall. 1,904,920; Apr. 18.
- Caps, Apparatus for the manufacture of wire pull bottle. F. O'Neill, jr. 1,920,018; July 25.
- Caps to containers, Mechanism for applying. G. A. Williams. 1,912,677; June 6.
- Capacimeter, Direct reading. P. S. Edwards and C. D. Barbulessco. 1,905,349; Apr. 25.
- Capacitive coupling, Eliminating. H. A. Wheeler. 1,896,500; Feb. 7.
- Capacitor. W. M. Bailey. 1,902,942; Mar. 28.
- Capacitor. W. M. Bailey. 1,920,177; Aug. 1.
- Capacitor motor. H. G. Ross. 1,916,389; July 4.
- Capacitor protector. F. W. Gay. 1,900,495; Mar. 7.
- Capacity increasing means for counting wheels. B. H. Tingley. 1,924,526; Aug. 29.
- Cape, Automobile seat. W. S. Hawkins. 1,899,327; Feb. 28.
- Capstan. F. Belt. 1,917,691; July 11.
- Capstan. G. A. Seeley. 1,904,885; Apr. 18.
- Capsule filling machine. E. L. Fitch. 1,905,279; Apr. 25.
- Capsule, Getter. R. H. Sinden. 1,895,867; Jan. 31.
- Capsule made of cellulose esters and preparing it. A. Dulitz and J. Stawitz. 1,897,422; Feb. 14.
- Car. R. C. Pierce. 1,915,756-8; June 27.
- Car apparatus, Control monorail. C. S. Haddlesay. 1,917,836; July 11.
- Car, Articulated. J. Christiansen. 1,894,665; Jan. 17.
- Car, Automobile railway. D. J. Dolan. 1,894,534; Jan. 17.
- Car body for closed passenger automobiles. P. Böttcher. 1,938,007; Dec. 5.
- Car body side bearing. T. R. Symington. 1,933,458; Oct. 31.
- Car bolsters, Reclaiming. J. R. Alcott. 1,900,682; Mar. 7.
- Car brake. V. S. Durbin. 1,939,296; Dec. 12.
- Car brake, Hand operated. J. P. Templeman. 1,922,988; Aug. 15.
- Car, Charcoal. R. W. Hilton. 1,935,293; Nov. 14.
- Car charges, Apparatus for wetting skip. H. B. Conover. 1,933,417; Oct. 31.
- Car, Completely convertible. J. A. Olivier. 1,907,562; May 9.
- Car construction. J. P. Anderson. 1,897,831; Feb. 14.
- Car construction. F. Ditchfield. 1,893,494; Jan. 10.
- Car construction. F. Ditchfield. 1,925,655; Sept. 5.
- Car construction. O. C. Duryea. 1,894,554; Jan. 17.
- Car construction. O. C. Duryea. 1,938,743-4; Dec. 12.
- Car construction. O. C. Duryea. 1,902,019; Mar. 21.
- Car construction. O. C. Duryea. 1,904,293-4; Apr. 18.
- Car construction. G. G. Gilpin. 1,915,359; June 27.
- Car construction. J. O. Neikirk. 1,932,021; Oct. 24.
- Car construction. H. F. Peterson and M. P. Winther. 1,915,880; June 27.
- Car construction. S. Simonson. 1,938,754; Dec. 12.
- Car construction, Box. O. W. Galloway. 1,900,548; Mar. 7.
- Car construction, Box. G. F. Zaun. 1,920,455; Aug. 1.
- Car construction, Hopper. A. Campbell. 1,912,619; June 6.
- Car construction, Railway freight. J. J. Tatum. 1,916,343; July 4.
- Car construction, Railway hopper. A. Campbell. 1,912,620; June 6.
- Car, Container. A. W. Clarke. 1,937,550; Dec. 5.
- Car control device, Safety. J. C. McCune. 1,895,476; Jan. 31.
- Car control equipment, Safety. G. L. Cotter. 1,927,974; Sept. 26.
- Car control equipment, Safety. F. P. Livingston. 1,932,079; Oct. 24.
- Car coupler. A. J. Bazeley. 1,925,830; Sept. 5.
- Car coupler. A. J. Bazeley. 1,932,438-9; Oct. 31.
- Car-coupler. A. J. Bazeley. 1,932,503; Oct. 31.
- Car coupler. E. A. Larsson. 1,933,145; Oct. 31.
- Car coupler. D. Robinson. 1,904,171; Apr. 18.
- Car coupler, Automatic. E. W. Simmons. 1,912,862-3; June 6.
- Car coupler construction. A. J. Bazeley. 1,932,440; Oct. 31.
- Car coupler controller. J. Wilson. 1,894,363; Jan. 17.
- Car coupler operating device. A. E. Small. 1,915,387; June 27.
- Car coupler operating device. W. J. Tangerman. 1,926,124; Sept. 12.
- Car coupler operating means. A. J. Bazeley. 1,932,719; Oct. 31.
- Car couplers, Device for operating. A. E. Small. 1,926,117; Sept. 12.
- Car coupling. G. M. Murphy. 1,902,043; Mar. 21.
- Car coupling device. R. J. Price. 1,913,994; June 13.
- Car divider, Refrigerator. M. A. MacMillan. 1,896,198; Feb. 7.
- Car door fastener, Refrigerator. S. J. Strid. 1,936,921; Nov. 28.
- Car door, Vestibule. J. F. Birt. 1,917,871; July 11.
- Car, Drop bottom. C. A. Griffith. 1,900,056; Mar. 7.
- Car, Dump. W. L. Burner. 1,935,974; Nov. 21.
- Car, Dump. J. L. Getaz. 1,908,015; May 9.
- Car, Dump. E. Haugen. 1,904,453; Apr. 18.
- Car, Dump. R. E. Powers. 1,901,260; Mar. 14.
- Car, Dump. W. H. Yost. 1,908,096; May 9.
- Car dumper. R. E. Brown. 1,930,707; Oct. 17.
- Car dumper. E. H. Kidder. 1,938,027; Dec. 5.
- Car, Dumping. J. Carlsson. 1,921,558; Aug. 8.
- Car dumping apparatus. R. S. Peterson and A. L. Lee. 1,893,633; Jan. 10.
- Car dumping mechanism. A. C. Schmoehl. 1,940,732; Dec. 26.
- Car, Eight wheel rail. F. R. and W. B. Fageol. 1,916,469; July 4.
- Car, Elevator. W. H. Himes. 1,907,967; May 9.
- Car equipment, Safety. J. C. McCune. 1,895,474-5; Jan. 31.
- Car equipment, Safety. J. C. McCune. 1,898,558; Feb. 21.
- Car equipment, Safety. J. C. McCune. 1,901,918; Mar. 21.
- Car equipment, Safety. J. C. McCune. 1,935,807; Nov. 21.
- Car equipment, Safety. T. H. Thomas. 1,905,253; Apr. 25.
- Car, Flaw detector. G. L. Jones. 1,922,019; Aug. 8.
- Car, Flaw detector. G. L. Jones. 1,937,760; Dec. 5.
- Car for feeding material to be sintered, Charge. J. E. Greenawalt. 1,935,876; Nov. 21.
- Car gassing device. F. A. Isaacson. 1,905,098; Apr. 25.
- Car heater. J. Askin. 1,907,032; May 2.
- Car heater. C. W. Darrah. 1,923,355; Aug. 22.
- Car heater, Steam-electric. R. J. Parsons. 1,909,593; May 16.
- Car heating, cooling, and ventilating means. I. N. Fraver. 1,903,037; Mar. 28.
- Car heating, Railway. W. S. Hammond. 1,928,687; Oct. 3.
- Car lift and greasing device. C. R. Buchet. 1,908,685; May 16.
- Car liner. G. O. Lorenz. 1,898,195; Feb. 21.
- Car liner, Bulk. C. A. Thoms and J. M. Smith. 1,916,344; July 4.
- Car, Load discharging. A. Campbell. 1,916,560; July 4.
- Car, Load discharging gondola. A. Campbell. 1,892,868; Jan. 3.
- Car loader. W. F. Eppensteiner. 1,912,130; May 30.
- Car loading device. S. D. Butterworth. 1,934,165; Nov. 7.
- Car-loading device. S. D. Butterworth. 1,934,697; Nov. 14.
- Car, Locomotive crane derrick. J. L. De Vou. 1,925,629; Sept. 5.
- Car, Mine. H. P. Field. 1,937,556; Dec. 5.
- Car, Mine. H. H. Hudson. 1,908,674; May 9.
- Car, Mine. A. R. Long. 1,922,310; Aug. 15.
- Car, Mine. V. Willoughby. 1,937,618; Dec. 5.
- Car mover device. O. W. Miller. 1,902,658; Mar. 21.
- Car, Multiunit tank. V. Willoughby. 1,917,913; July 11.

- Car-operating mechanism. F. R. Jaeger. 1,909,359; May 16.
- Car or analogous device, Portable dispensing. M. Harrison. Des. 90,247; July 4.
- Car outlet valve, Tank. C. O. Buenger. 1,899,938; Mar. 7.
- Car, Poultry. F. X. Mudd. 1,913,243; June 6.
- Car, Rail. E. J. W. Ragsdale. Des. 90,166-7; June 20.
- Car, Railway. J. C. Abel. 1,937,540; Dec. 5.
- Car, Railway. J. R. Blackhall and H. S. Pardee. 1,915,149; June 20.
- Car, Railway. W. F. Dietrichson. 1,917,877; July 11.
- Car, Railway. G. G. Gilpin and A. E. Small. 1,938,587; Dec. 12.
- Car, Railway. H. W. Jones. 1,903,509; Apr. 11.
- Car, Railway. E. H. Mattingley. Re18,735; Feb. 14.
- Car, Railway. E. E. Schlotz. 1,900,134; Mar. 7.
- Car, Railway. E. R. Swanson. 1,901,008-9; Mar. 14.
- Car, Railway. E. R. Swanson. 1,921,106; Aug. 8.
- Car, Railway. W. E. Wine. 1,894,721; Jan. 17.
- Car, Railway. W. E. Wine. 1,896,434; Feb. 7.
- Car, Railway. W. E. Wine. 1,906,195; Apr. 25.
- Car, Railway. W. E. Wine. 1,908,720; May 16.
- Car, Railway. W. E. Wine. 1,910,583; May 23.
- Car, Railway. W. E. Wine. 1,918,948; July 18.
- Car, Railway. W. E. Wine. 1,925,426; Sept. 5.
- Car, Railway. W. E. Wine. 1,932,718; Oct. 31.
- Car, Railway hopper. A. Campbell. 1,913,369; June 13.
- Car, Railway motor. C. Gross. 1,907,646; May 9.
- Car, Railway refrigerator. G. G. Gilpin. 1,897,426; Feb. 14.
- Car, Refrigerator. C. O. Cornwell. 1,929,676; Oct. 10.
- Car, Refrigerator. J. Kopsa and E. D. Brigham, jr. 1,929,500; Oct. 10.
- Car, Refrigerator. C. Martin. 1,898,843; Feb. 21.
- Car, Refrigerator. E. C. Wood. 1,917,866; July 11.
- Car retarder, Eddy current. A. Meyer. 1,920,760; Aug. 1.
- Car retarder for car dumpers. R. M. Bickley. 1,907,037; May 2.
- Car retarder for railroads. W. K. Howe. 1,897,006; Feb. 7.
- Car retarder for railroads. W. V. Morgan. 1,899,899; Feb. 28.
- Car retarder, Railway. P. H. Crago. 1,905,218; Apr. 25.
- Car retarder, Railway. L. O. Grondahl. 1,894,513; Jan. 17.
- Car retarders, Apparatus for the control of railway. W. A. Wood and A. R. Machesney. 1,898,802; Feb. 21.
- Car roof structure. J. J. Tatum. 1,940,776; Dec. 26.
- Car seat. J. M. Knight. 1,937,578; Dec. 5.
- Car seat. J. J. Tatum. 1,898,458; Jan. 3.
- Car side frame. C. S. Johnston. 1,935,360; Nov. 14.
- Car, Sleeping. J. B. Strauss. 1,893,510; Jan. 10.
- Car stabilizer and safety brake, Motor. M. C. French. 1,933,973; Nov. 7.
- Car structure, Railway. W. J. Tangerman. 1,939,931; Dec. 19.
- Car structure, Shock absorbing. W. P. Kellett. 1,940,953; Dec. 26.
- Car truck bolster. P. W. Ott. 1,931,620; Oct. 24.
- Car truck spring, Railway. T. H. Symington. 1,930,630; Oct. 17.
- Car, Tunnel kiln. H. W. H. Beth. 1,893,123; Jan. 3.
- Car underframe, Railway. V. Willoughby and R. W. Joy. 1,937,616; Dec. 5.
- Car unloader. H. H. Barber. 1,940,441; Dec. 19.
- Car ventilator. T. D. Suddards. 1,895,109; Jan. 24.
- Car-vestibule construction. W. H. Mussey and M. P. Blomberg. 1,928,602; Sept. 26.
- Car washing pump. E. A. Hobart. 1,907,110; May 2.
- Car-wheel. F. A. Fahrwald. 1,915,157-8; June 20.
- Car wheels and rails, Lubricating. M. C. Bolt. 1,940,527; Dec. 19.
- Car, Wrecking. V. W. Johnson. 1,941,400; Dec. 26.
- Cars, Apparatus for cooling passenger. W. J. Madden. 1,923,547; Aug. 22.
- Cars, Apparatus for precooling refrigerator. F. E. Greene. 1,901,505; Mar. 14.
- Cars, Driving electric railway. E. H. Scofield. 1,907,126; May 2.
- Cars in a train line circuit, Connecting coupled. C. H. Tomlinson. 1,911,251; May 30.
- Cars in garages, Parking. H. K. Wheeler. 1,898,107; Feb. 21.
- Cars, Loading and unloading. R. J. Needham. 1,918,419; July 18.
- Cars, Method of and apparatus for landing. J. H. Borden. 1,939,656; Dec. 19.
- Cars, Pre-cooling refrigerator. F. J. Day. 1,939,957; Dec. 19.
- Caramels and like cut-up plastic material, Apparatus for molding. A. G. Rose. 1,938,355; Dec. 5.
- Carbides, Making. F. C. Kelley. 1,940,308; Dec. 19.
- Carbides, Salvaging and resintering cemented. S. P. Billings. 1,895,364; Jan. 24.
- Carbohydrate, Manufacturing a new sort of colloidal. T. Miyazuchi and M. Fukui. 1,911,639; May 30.
- Carbohydrate solution, Nitrated. G. H. Peters. 1,936,989; Nov. 28.
- Carbon, Activating. M. T. Sanders. 1,913,340-1; June 6.
- Carbon and preparing it, Highly active. W. T. Geis. 1,902,068; Mar. 21.
- Carbon and product thereof, Making cellulosic. F. W. Hochstetter. 1,911,279; May 30.
- Carbon and product thereof, Preparing. R. M. Cole. 1,905,686; Apr. 25.
- Carbon and the manufacture thereof, Porous siliceous. L. Kern. 1,899,810; Feb. 28.
- Carbon, Arc. M. J. Dorcas. 1,920,921; Aug. 1.
- Carbon black and a gaseous mixture of hydrogen and nitrogen in controlled proportions by the thermal dissociation of hydrocarbon gases and vapors, Obtaining. W. D. Wilcox. 1,929,664; Oct. 10.
- Carbon black and hydrocarbons of more complex molecular structure by the pyrolytic dissociation of hydrocarbon gases and vapors, Obtaining. W. D. Wilcox. 1,916,291; July 4.
- Carbon black, Manufacture of. E. B. Spear and R. L. Moore. 1,911,003; May 23.
- Carbon black, Manufacture of. W. B. Wiegand. Re18,884; June 27.
- Carbon black, Method of and apparatus for producing. D. J. Beaver. 1,902,753; Mar. 21.
- Carbon black process and apparatus. S. P. Burke. 1,902,797; Mar. 21.
- Carbon black producer. R. H. Brownlee. 1,925,131; Sept. 5.
- Carbon black, Producing. R. H. Brownlee. 1,909,163; May 16.
- Carbon black, Producing. J. J. Jakosky and V. F. Hanson. 1,912,373; June 6.
- Carbon black, Production of. R. H. Brownlee. 1,925,130; Sept. 5.
- Carbon black, Production of. O. Grosskinsky. 1,906,462; May 2.
- Carbon black, Production of. O. Grosskinsky and M. Treppenauer. 1,894,764; Jan. 17.
- Carbon black, Production of. T. P. Keller. 1,904,469; Apr. 18.
- Carbon black, Production of. O. Schmidt. 1,894,126; Jan. 10.
- Carbon black, Production of. J. A. Yunker. 1,902,746; Mar. 21.
- Carbon black, Thermal type. R. H. Brownlee. 1,920,352; Aug. 1.
- Carbon brushes for attaching the lead wire with metal. Apparatus for electrically coating the bore of. Y. Ueki. 1,907,224; May 2.
- Carbon by dissociation of carbon monoxide starting from a combustible treated in a gas producer, Manufacture of. J. J. C. Willekens. 1,904,585; Apr. 18.
- Carbon combustion furnace. C. B. Francis. 1,903,036; Mar. 28.
- Carbon copying system. E. Hano. 1,920,640; Aug. 1.
- Carbon deposits from internal combustion engines, Removing. E. Bartholomew. 1,924,704; Aug. 29.
- Carbon deposits, Removing. W. G. Lovell and T. A. Boyd. 1,924,722; Aug. 29.
- Carbon deposits, Removing. W. G. Lovell and T. A. Boyd. 1,925,732; Sept. 5.
- Carbon deposits, Removing. W. G. Lovell and T. A. Boyd. 1,936,681-2; Nov. 28.
- Carbon dioxide from gaseous mixtures and forming alkaline carbonates, Extracting. W. Gaus, K. Hochschwender, and W. Schunck. 1,897,725; Feb. 14.
- Carbon dioxide and making the same, Hydrated solid. W. S. Josephson. 1,927,175; Sept. 19.
- Carbon dioxide and slow setting cement, Simultaneous production of condensed. C. C. Loomis and A. D. MacDonald. 1,905,598; Apr. 25.
- Carbon dioxide, Apparatus for liquefying. L. L. Mohler. 1,925,492; Sept. 5.
- Carbon dioxide, Apparatus for manufacturing solid. E. J. Lockwood. 1,895,886; Jan. 31.
- Carbon dioxide, Apparatus for producing solid. E. G. Sullivan. 1,893,850-1; Jan. 10.
- Carbon dioxide, Apparatus for the agglomeration of solid. W. Hessling. 1,919,698; July 25.
- Carbon dioxide, Deodorization of. R. H. McKee. 1,937,832; Dec. 5.
- Carbon dioxide for aiding the growth of plants, Supplying. J. C. Minor. 1,908,164; May 9.
- Carbon dioxide from a gas mixture, Separating. A. S. Allen and A. Michalske. 1,934,472; Nov. 7.
- Carbon dioxide gas, System of manufacture of solid. F. L. Prescott. 1,920,434; Aug. 1.
- Carbon-dioxide ice machine. N. N. Small. 1,894,892; Jan. 17.
- Carbon dioxide in solid form, Producing. E. B. Auerbach. 1,925,041; Aug. 29.
- Carbon dioxide, Obtaining pure. G. A. Bragg. 1,924,178; Aug. 29.
- Carbon dioxide, Preparing solidified. J. C. Goosmann. 1,912,444; June 6.
- Carbon dioxide, Process of and apparatus for producing solid. E. G. Sullivan. 1,893,852; Jan. 10.
- Carbon dioxide, Producing solid. J. S. Belt. 1,914,337; June 13.
- Carbon dioxide, Producing solidified. J. C. Goosmann. 1,912,443; June 6.
- Carbon dioxide product and method of and apparatus for making it, Solid. C. L. Jones and J. D. Small. 1,927,173; Sept. 19.
- Carbon dioxide recovery apparatus. F. W. Hogan and H. M. Bulbrook. 1,931,817; Oct. 24.
- Carbon disulphide, Apparatus for the production of. T. Griswold, jr. 1,918,033; July 11.
- Carbon disulphide soluble in water, Rendering. K. Döbmaier. 1,900,981; Mar. 14.

- Carbon from internal combustion engines, Process of and composition for removing. H. A. Albers. 1,913,970; June 13.
- Carbon from still tubes, Process and apparatus for removing. A. J. Eulberg. 1,939,112; Dec. 12.
- Carbon from tubes, Removing. W. T. Davis and C. E. Rhein. 1,901,804; Mar. 14.
- Carbon halides, Producing. B. Lacy. 1,914,135; June 13.
- Carbon, Manufacture of decolorizing or activated. T. A. Goskar. 1,918,467; July 18.
- Carbon, Manufacturing activated. F. E. Kern. 1,921,297; Aug. 8.
- Carbon, Manufacturing transmitter. H. H. Lowry. 1,907,843; May 9.
- Carbon monoxide and hydrogen, Producing mixtures of. W. D. Wilcox. 1,905,326; Apr. 25.
- Carbon monoxide, Device for converting. F. G. Fischer. 1,932,927; Oct. 31.
- Carbon monoxide eliminator. I. Pasternack. 1,933,997; Nov. 7.
- Carbon monoxide in a gas mixture, Determination of. E. C. White. 1,908,202; May 9.
- Carbon monoxide into methane, Biologically transforming. F. Fischer and R. Lieske. 1,940,944; Dec. 26.
- Carbon of high activity and covering power, Production of. Y. Nikaido. 1,903,705; Apr. 11.
- Carbon pack. J. S. Fleming. 1,937,557; Dec. 5.
- Carbon paper, Rehabilitating used. L. H. Elkan. 1,913,704; June 13.
- Carbon, Process of and apparatus for making activated. R. G. Davis and M. T. Sanders. 1,923,913; Aug. 22.
- Carbon, Production of activated. C. R. Faben. 1,925,438; Sept. 5.
- Carbon remover. E. Lieber. 1,934,076; Nov. 7.
- Carbon, Removing. P. Geaneas. 1,895,413; Jan. 24.
- Carbon, Removing engine. C. J. Livingstone and S. P. Marley. 1,909,200; May 16.
- Carbon resistance stacks, Preparing. O. S. Peters. 1,895,519; Jan. 31.
- Carbon sheet. H. G. Scott. 1,931,168; Oct. 17.
- Carbon sheet and attachment, Typewriter. E. W. M. Thomson. 1,934,954; Nov. 14.
- Carbon strips in connected manifold forms, Mechanism for interleaving. W. J. Steenrod. 1,898,795; Feb. 21.
- Carbon supply device for duplicating machines. L. J. Miller. 1,919,855; July 25.
- Carbonaceous material, Apparatus for carrying out the destructive hydrogenation of. M. Pier. 1,894,116; Jan. 10.
- Carbonaceous material-bearing substances, Underground gasification of. L. C. Karrick. 1,913,395; June 13.
- Carbonaceous material, Destructive distillation of. L. C. Karrick. 1,894,691; Jan. 17.
- Carbonaceous material, Distillation of solid. L. C. Karrick. 1,901,169; Mar. 14.
- Carbonaceous material from foreign impurities, Method of and apparatus for separating solid. C. Machen. 1,905,945; Apr. 25.
- Carbonaceous material, Hydrogenation of. H. I. Waterman. 1,929,528; Oct. 10.
- Carbonaceous material, Low-temperature carbonization of. M. Pier and K. Winkler. 1,929,649; Oct. 10.
- Carbonaceous material, Producing. A. Oberle. 1,903,834; Apr. 18.
- Carbonaceous material, Treating. J. C. Morrell. 1,940,725; Dec. 26.
- Carbonaceous materials, Apparatus for the low temperature distillation of solid. A. S. Ramage. 1,926,455; Sept. 12.
- Carbonaceous materials, Carbonization of. H. J. Rose and W. H. Hill. 1,936,881; Nov. 28.
- Carbonaceous materials, Destructive hydrogenation of. J. M. Jennings. 1,894,770; Jan. 17.
- Carbonaceous materials, Destructive hydrogenation of. J. Varga. 1,894,926; Jan. 17.
- Carbonaceous materials, Destructive hydrogenation of. C. Krauch and W. Simon. 1,922,542; Aug. 15.
- Carbonaceous materials, Destructive hydrogenation of. M. Pier and W. Simon. 1,922,499; Aug. 15.
- Carbonaceous materials, Destructive hydrogenation of. M. Pier and W. Simon. 1,937,588; Dec. 5.
- Carbonaceous materials, Destructive hydrogenation of distillable. M. Pier and W. Rumpf. 1,920,888; Aug. 1.
- Carbonaceous materials, Extracting the volatile constituents from. R. B. Parker. 1,922,321; Aug. 15.
- Carbonaceous materials, Hydrogenation of. J. M. Jennings. 1,933,503; Oct. 31.
- Carbonaceous materials, Treatment of. W. C. Asbury. 1,934,028; Nov. 7.
- Carbonaceous materials with electric arcs, Treating. P. Baumann, H. Schilling, and A. Fischer. 1,902,351; Mar. 21.
- Carbonaceous solids into valuable liquid products, Conversion of. K. Winkler and K. Wissel. 1,904,586; Apr. 18.
- Carbonaceous substances, Activation. A. Godel. 1,920,172; Aug. 1.
- Carbonaceous substances, Activation of. A. Godel. 1,893,363; Jan. 3.
- Carbonaceous substances, Apparatus for activation of. A. Ackermann. 1,918,367; July 18.
- Carbonaceous substances, Valuable products from. M. Pier, M. Wildhagen, and W. Schunck. 1,920,886; Aug. 1.
- Carbonate product, Cellular synthetic. C. H. and A. H. Harrison. 1,916,949; July 4.
- Carbonating mixing valve. J. F. Dawson. 1,915,718; June 27.
- Carbonator. J. Kantor. 1,929,948-9; Oct. 10.
- Carbonizable material, Distillation of fine granular solid. F. Bartling. 1,912,247; May 30.
- Carbonization apparatus. C. J. Wright. 1,931,972; Oct. 24.
- Carbonizing process. K. M. Simpson. 1,911,473; May 30.
- Carbonizing process. W. E. Trent. 1,916,939; July 4.
- Carbons, Revivification of. P. Zureher. 1,895,062; Jan. 24.
- Carbonyl compounds, Catalytic reduction of. A. O. Jaeger. 1,925,389; Sept. 5.
- Carburation apparatus. J. Carr. 1,894,607; Jan. 17.
- Carburation, Apparatus for and art of. M. F. Heaney. 1,939,302; Dec. 12.
- Carbureting apparatus. C. E. Summers and G. W. Lampman. 1,936,694; Nov. 28.
- Carbureting device. C. Davidson. 1,905,159; Apr. 25.
- Carbureting system. C. E. Hofbauer. 1,905,712; Apr. 25.
- Carburetion device. H. W. Hess. 1,927,091; Sept. 19.
- Carburetor. J. W. Allbright. 1,913,321; June 6.
- Carburetor. P. A. Anderson. 1,929,234; Oct. 3.
- Carburetor. W. W. Armstrong. 1,927,302; Sept. 19.
- Carburetor. F. E. Aseltine. 1,922,414; Aug. 15.
- Carburetor. F. E. Aseltine. 1,933,134; Oct. 31.
- Carburetor. F. O. and T. M. Ball. 1,909,389; May 16.
- Carburetor. M. J-B. Barbarou. 1,933,360; Oct. 31.
- Carburetor. W. E. Benjamin and G. W. Pierce. 1,932,764; Oct. 31.
- Carburetor. E. C. Bergman. 1,894,847; Jan. 17.
- Carburetor. H. Bjering. 1,903,433; Apr. 11.
- Carburetor. R. F. Bracke. 1,905,435; Apr. 25.
- Carburetor. W. F. Broge. 1,935,260; Nov. 14.
- Carburetor. W. C. Carter. 1,896,390; Feb. 7.
- Carburetor. M. E. Chandler. 1,924,595; Aug. 29.
- Carburetor. M. E. Chandler. 1,933,364; Oct. 31.
- Carburetor. M. E. Chandler. 1,935,350-1; Nov. 14.
- Carburetor. C. H. Claudel. 1,895,785; Jan. 31.
- Carburetor. C. H. Claudel. 1,934,840; Nov. 14.
- Carburetor. D. Cole and L. E. Bogue. 1,933,368; Oct. 31.
- Carburetor. L. De Marco. 1,922,569; Aug. 15.
- Carburetor. A. Dickerson. 1,892,828; Jan. 3.
- Carburetor. A. Dickerson. 1,928,828-9; Oct. 3.
- Carburetor. H. G. Ebert. 1,937,012; Nov. 28.
- Carburetor. O. H. Ensign. 1,918,767; Mar. 14.
- Carburetor. P. W. Ensign. 1,912,573; June 6.
- Carburetor. C. J. Erade. 1,921,736; Aug. 8.
- Carburetor. C. J. Erade. 1,928,974; Oct. 3.
- Carburetor. G. B. Ericson. 1,915,851-2; June 27.
- Carburetor. G. B. Ericson. 1,923,429; Aug. 22.
- Carburetor. E. J. Eriksson. 1,930,423; Oct. 10.
- Carburetor. J. Graziano. 1,931,379; Oct. 17.
- Carburetor. C. O. Grosz. 1,939,297; Dec. 12.
- Carburetor. G. Hammond. 1,925,537; Aug. 22.
- Carburetor. G. Hammond. 1,940,251-3; Dec. 19.
- Carburetor. J. E. Harris. 1,920,174; Aug. 1.
- Carburetor. V. R. Heftler. 1,893,896; Jan. 10.
- Carburetor. F. H. Heitger. 1,898,958; Feb. 21.
- Carburetor. O. Henning. 1,915,930; June 27.
- Carburetor. H. W. Hess. 1,927,090; Sept. 19.
- Carburetor. H. H. Huber. 1,918,751; July 18.
- Carburetor. G. W. Jargstorf. 1,908,609; May 9.
- Carburetor. C. F. Johnson. 1,934,268; Nov. 7.
- Carburetor. R. Johnson. 1,940,801; Dec. 26.
- Carburetor. C. H. Kirby. 1,904,002; Apr. 18.
- Carburetor. C. H. Kirby. 1,919,470; July 25.
- Carburetor. C. H. Kirby. 1,931,259; Oct. 17.
- Carburetor. C. H. Kirby. 1,931,613; Oct. 24.
- Carburetor. C. H. Kirby. 1,934,130; Nov. 7.
- Carburetor. F. A. Kommer and O. Henning. 1,894,354; Jan. 17.
- Carburetor. H. Kowalewski. 1,915,427; June 27.
- Carburetor. M. Kreher. 1,907,325; May 2.
- Carburetor. R. Linder and W. Sturm. 1,913,085; June 6.
- Carburetor. T. Linga. 1,906,982; May 2.
- Carburetor. H. W. Linkert and R. M. Anderson. 1,898,672; Feb. 21.
- Carburetor. M. Lorenz. 1,905,988; Apr. 25.
- Carburetor. E. Mathieu. 1,895,470; Jan. 31.
- Carburetor. E. Mathieu. 1,895,471; Jan. 31.
- Carburetor. A. Mathieu. 1,937,830; Dec. 5.
- Carburetor. H. V. McCarty. 1,901,564; Mar. 14.
- Carburetor. O. Meissner. 1,938,293; Dec. 5.
- Carburetor. G. Memini. 1,916,062; June 27.
- Carburetor. R. Mendez. 1,933,992; Nov. 7.
- Carburetor. J. M. Miller and W. B. Goodman. 1,933,378; Oct. 31.
- Carburetor. F. C. Mock. 1,937,709; Dec. 5.
- Carburetor. F. C. Mock and M. E. Chandler. 1,933,380; Oct. 31.
- Carburetor. F. C. Mock and J. M. Miller. 1,933,381; Oct. 31.
- Carburetor. E. Montgomery. 1,906,278; May 2.
- Carburetor. R. Oppenheim. 1,902,887; Mar. 28.
- Carburetor. M. S. Parkhill and R. M. Fingar. 1,940,226; Dec. 19.
- Carburetor. G. Pirinoli. 1,896,557; Feb. 7.
- Carburetor. C. N. Pogue. 1,938,497; Dec. 5.
- Carburetor. A. M. Prentiss. 1,933,388-9; Oct. 31.
- Carburetor. F. Roth. 1,932,188; Oct. 24.
- Carburetor. H. Schneebeli. 1,902,378; Mar. 21.
- Carburetor. W. Scott. 1,934,240; Nov. 7.
- Carburetor. H. L. Skoogh. 1,933,395; Oct. 31.
- Carburetor. W. M. Thomas. 1,893,754; Jan. 10.

- Carburetor. P. S. Tice. 1,896,499; Feb. 7.
 Carburetor. H. H. Trail. 1,893,511; Jan. 10.
 Carburetor. L. L. Viel. 1,929,266; Oct. 3.
 Carburetor. R. Von Becker and J. Djordjevitch. 1,917,562; July 11.
 Carburetor. G. A. Wahlmark. 1,927,426; Sept. 19.
 Carburetor. B. W. Westcott. 1,912,468; June 6.
 Carburetor. J. L. Whiteman. 1,904,022; Apr. 18.
 Carburetor. J. Whyte. 1,916,502; July 4.
 Carburetor. C. E. Williams. 1,905,258; Apr. 25.
 Carburetor. E. A. Winfield. 1,893,920; Jan. 10.
 Carburetor. E. A. Winfield. 1,921,142; Aug. 8.
 Carburetor. L. M. Wittlinger. 1,897,782; Feb. 14.
 Carburetor. W. W. Zinnamon. 1,918,168; July 11.
 Carburetor air control. M. E. Chandler and D. Cole. 1,933,365; Oct. 31.
 Carburetor, Aircraft. G. Memini. 1,916,060-1; June 27.
 Carburetor air feed. S. Long. 1,908,432; May 9.
 Carburetor air supplying system. B. Steensen. 1,931,039; Oct. 17.
 Carburetor and fuel supply system, Aircraft. L. S. Hobbs. 1,912,842; June 6.
 Carburetor and preheater, Heavy oil. G. Garibaldi. 1,897,033; Feb. 14.
 Carburetor attachment. J. E. Michaels. 1,926,627; Sept. 12.
 Carburetor choke control. R. K. Winning. 1,912,678; June 6.
 Carburetor control mechanism. J. Bellis. 1,897,358; Feb. 14.
 Carburetor, Downdraft. B. Beard. 1,923,473; Aug. 22.
 Carburetor, Down draft. C. H. Kirby. 1,918,974; July 18.
 Carburetor for heavy oils. R. Oppenheim. 1,926,109; Sept. 12.
 Carburetor for internal combustion engines. A. F. Jackson. 1,927,684; Sept. 19.
 Carburetor for internal-combustion engines. W. Luxmore. 1,934,935; Nov. 14.
 Carburetor for internal combustion engines. C. P. Newberry. 1,893,560; Jan. 10.
 Carburetor for internal combustion engines. J. Wheeler. 1,923,180; Aug. 22.
 Carburetor for liquid fuels. E. M. Dodds. 1,906,554; May 2.
 Carburetor heat control. A. E. Bartz. 1,911,787; May 30.
 Carburetor jet and control therefor. F. W. Schaffner. 1,919,134; July 18.
 Carburetor, Multiple. R. Constensoux. 1,895,279; Jan. 24.
 Carburetor, Oil gas. E. Rector. 1,913,723; June 13.
 Carburetor primer. C. H. Kirby. 1,917,591; July 11.
 Carburetors, Construction of. E. Mathieu. 1,911,838; May 30.
 Carburetors or the air fed to carburetors, Device for heating. M. J. B. Barbarou. 1,914,063; June 13.
 Carburized articles, Manufacture of. N. H. Schermer and E. A. Griffiths. 1,909,553; May 16.
 Carburizing apparatus. A. W. Machlet. 1,938,599; Dec. 12.
 Carburizing process, Continuous. R. J. Cowan. 1,932,032; Oct. 24.
 Card and assembly, Display. W. H. Weil. 1,907,227; May 2.
 Card and case, Calling. E. H. Otten. 1,907,212; May 2.
 Card and preparing same, Index. E. W. Sibley. 1,925,343; Sept. 5.
 Card and ticket holder. R. M. Koch. 1,923,982; Aug. 22.
 Card attaching device. G. W. Lentz. 1,911,518; May 30.
 Cardboard articles and similar objects, Process apparatus for edging. P. A. G. Cassegrain. 1,929,137; Oct. 3.
 Cardboard box. H. L. Greve. 1,908,667; May 9.
 Cardboard box. E. M. Holmer. 1,892,983; Jan. 3.
 Cardboard box. F. Kearney. 1,929,144; Oct. 3.
 Card-bookkeeping machine, Perforated. G. Tauschek. 1,933,353; Oct. 31.
 Cardboard box. A. Klein. 1,922,854; Aug. 15.
 Cardboard. Reinforcing corrugated. W. J. Cook. 1,914,845; June 20.
 Card case. L. Brenner. 1,915,213; June 20.
 Cardcase and score recorder, Combined. W. M. Lennstrom. 1,898,193; Feb. 21.
 Card cleaning apparatus. P. H. Walsh. 1,913,016; June 6.
 Card controlled machine, Perforated. J. R. Peirce. 1,909,548; May 16.
 Card dealing device. R. M. Ring and G. Maxon. 1,909,122; May 16.
 Card deck holder. J. Heusser and L. Tulgren. 1,903,744; Apr. 11.
 Card, Display. A. R. Botham. 1,935,764; Nov. 21.
 Card, Display. E. C. Chittum. 1,902,992; Mar. 28.
 Card, Display. J. Horwath. 1,904,659; Apr. 18.
 Card, Display. E. A. Locke, jr. 1,916,057; June 27.
 Card, Display. J. E. More. 1,899,421; Feb. 28.
 Card, Display. L. A. Phillips. 1,901,188; Mar. 14.
 Card display apparatus. H. G. Mutschler and H. Whitaker. 1,930,820; Oct. 17.
 Card filing device. S. B. Freiberg. 1,897,929-30; Feb. 14.
 Card for cigarette boxes, Dividing. G. Hvistendahl. 1,898,962; Feb. 21.
 Card for holding buttons. T. E. Barnes. 1,939,642; Dec. 19.
 Card-game accessory. W. F. Goodwin. 1,930,008; Oct. 10.
 Card game adjunct. F. E. Hollins. 1,913,671; June 13.
 Card game indicator. L. R. Boore. 1,932,442; Oct. 31.
 Card, Greeting. F. Weindel, jr. 1,926,571; Sept. 12.
 Card handling machine. J. M. Cunningham. 1,916,965; July 4.
 Card holder. J. E. Bales and C. E. Berberich. 1,929,468; Oct. 10.
 Card holder. V. R. Despard. 1,930,610; Oct. 17.
 Card holder. W. J. Ecker, jr. 1,903,098; Mar. 28.
 Card holder. L. E. Hutchings. 1,917,123; July 4.
 Card holder. A. R. Oestreich. 1,893,594; Jan. 10.
 Card holder. E. A. Rasbridge. 1,903,941; Apr. 18.
 Card holder. G. D. Rogers. 1,916,639; July 4.
 Card holder. W. L. Spruill. 1,932,123; Oct. 24.
 Card holder. F. H. Thompson. 1,927,578; Sept. 19.
 Card holder. F. L. Wassell. 1,925,783; Sept. 5.
 Card holder. D. A. Weber. 1,929,908; Oct. 10.
 Card holder, Display. G. S. Malcolm. 1,931,586; Oct. 24.
 Card holder, Playing. L. Hoffman. 1,907,544; May 9.
 Card holder, Visible record. S. Barlow. 1,904,349; Apr. 18.
 Card, Index. R. G. Bourdon. 1,915,593; June 27.
 Card, Index. J. M. Meyers. 1,936,558; Nov. 21.
 Card, Ledger. S. M. Rubin. 1,924,755; Aug. 29.
 Card, Merchandise display. H. W. Schlosser. 1,912,225; May 30.
 Card, Package mailing. H. L. Webster. 1,903,540; Apr. 11.
 Card pairing device. C. Horsfield. 1,933,328; Oct. 31.
 Card, Perforated record. A. W. Mills. 1,928,209; Sept. 26.
 Card, Playing. E. H. White. Des. 89,099; Jan. 24.
 Card, Prayer. P. T. Carew. Des. 88,857; Jan. 2.
 Card printing and vending machine, Automatic. W. H. Compton. 1,928,928; Oct. 3.
 Card-punching machine. R. Lorant. 1,934,934; Nov. 14.
 Card rack. L. C. Bishop and S. E. Swick. 1,902,156; Mar. 21.
 Card reading and analyzing device, Perforated. J. R. Peirce. 1,926,882; Sept. 12.
 Card receptacle. R. C. Lafferty. Des. 90,916; Oct. 24.
 Card reproducing machine. C. D. Lake and G. F. Daly. 1,914,263; June 13.
 Card, Score. G. Hedricks. 1,927,342; Sept. 19.
 Card structure. S. B. Freiberg. 1,923,197; Aug. 22.
 Card table. R. Neuschotz and N. C. Ratner. 1,906,213; Apr. 25.
 Card table. L. E. Taylor. 1,937,994; Dec. 5.
 Card table. S. A. Threefoot. 1,899,366; Feb. 28.
 Card table. W. N. Vance. 1,910,974; May 23.
 Carding and forming apparatus. H. R. Williams. 1,925,550; Sept. 5.
 Carding engine. E. C. Brooks. 1,936,548; Nov. 21.
 Carding mechanism for cigarette making and kindred machines. W. F. Grupe. 1,938,903; Dec. 12.
 Cards and the like, Clothing for. E. E. Fournier and M. I. Vestal. 1,893,326; Jan. 3.
 Cards, Cutting jacquard. D. Carmichael. 1,927,918; Sept. 26.
 Cards, files, etc., in filing drawers or boxes, Device for stabilizing. R. V. Wood. 1,900,148; Mar. 7.
 Cards or the like, Deck of playing. M. A. Pearlman. Des. 89,013; Jan. 10.
 Cards, Preparing show. H. W. Lamb. 1,927,290; Sept. 19.
 Cards, Sample. B. F. Stenz. 1,924,004; Aug. 22.
 Cards, Set of playing. F. Crompton. Des. 91,004; Nov. 7.
 Cards, Set of playing. T. C. Steidley. Des. 90,427; Aug. 1.
 Cardan shaft. F. A. Garrett. 1,900,052; Mar. 7.
 Cargo-handling apparatus for aircraft and the like. M. Castro. 1,935,077; Nov. 14.
 Cargo hook. J. Fraser. 1,915,524; June 27.
 Cargo in aerial navigation, Double transfer of. F. F. Bradshaw. 1,925,555; Sept. 5.
 Cargo in ships' holds, Handling. J. L. Bogert. 1,939,037; Dec. 12.
 Carnation. A. F. J. Baur. Pl. Pat. 56; Mar. 14.
 Carnation. R. Engle. Pl. Pat. 69; June 20.
 Carpenter's clamp. C. F. Miller and J. C. Kuckhoff. 1,930,177; Oct. 10.
 Carpenter's clamp. T. F. Reid. 1,914,291; June 13.
 Carpenter's tool. A. L. Wheeler. 1,925,708; Sept. 5.
 Carpet. P. B. Beneville. Des. 90,175; June 20.
 Carpet. H. C. La Couture. Des. 89,082; Jan. 24.
 Carpet. C. Lehner. Des. 88,927; Jan. 3.
 Carpet. F. Murphy. Des. 89,406; Mar. 7.
 Carpet. W. A. Spring. Des. 89,926; May 16.
 Carpet. J. S. Travis. Des. 88,934; Jan. 3.
 Carpet. J. S. Travis. Des. 89,060; Jan. 17.
 Carpet, Chenille. A. G. Ashcroft and W. D. Kellogg. 1,911,343; May 30.
 Carpet joint and uniting strip therefor. F. W. Clark. 1,917,430; July 11.
 Carpet machine. J. K. Tingle. 1,934,749; Nov. 14.
 Carpet or rug, Reversible tuft pile. W. B. Cooper and E. T. Phoenix. 1,901,840; Mar. 14.
 Carpet, rug, and runner fastener. H. N. Gundelach. 1,931,256; Oct. 17.
 Carpet sweeper case. F. W. Pullen. 1,937,590; Dec. 5.
 Carpets and the like, Device for the manufacturing of knotted. J. Goretzky. 1,921,355; Aug. 8.
 Carpets, Apparatus for finishing. H. L. Shuttleworth. 1,915,106; June 20.
 Carpets, Finishing. H. L. Shuttleworth. 1,917,555; July 11.
 Carriage, Baby. C. J. Appenheimer and C. Mueller. 1,897,036; Feb. 14.

- Carriage, Baby. C. J. Richardson. 1,930,660; Oct. 17.
 Carriage body for automobiles. W. Reutter. 1,935,993; Nov. 21.
 Carriage, Cable repair. W. H. Bone. 1,909,742; May 16.
 Carriage, Casket. C. M. Wickstrum. 1,898,109; Feb. 21.
 Carriage, Child's. C. J. Bjorson, D. W. Siebert, and A. A. Greenwood. 1,909,533; May 16.
 Carriage construction. J. Alexander. 1,893,488; Jan. 10.
 Carriage control. W. Schroder. 1,912,409; June 6.
 Carriage drive mechanism. C. A. Macomic. 1,916,272; July 4.
 Carriage for typewriters and adding-typewriters. W. B. Terry and F. Fincham. 1,935,677; Nov. 21.
 Carriage, Fruit picker's. C. E. Miller. 1,921,631; Aug. 8.
 Carriage, Hospital. Frank and F. Koenigkramer. Des. 90,585; Aug. 29.
 Carriage or support for phonographs or similar apparatus. N. C. Durand. 1,908,737; May 16.
 Carriage, Oscillating a baby. F. P. Grunkmeyer. 1,924,493; Aug. 29.
 Carriage positioning mechanism for grinding machines. B. P. Stowell. 1,918,147; July 11.
 Carriage return mechanism. O. J. Sundstrand. 1,901,135; Mar. 14.
 Carrier. See—
 Advertising carrier. Ice cube carrier.
 Aircraft carrier. Luggage carrier.
 Article carrier. Lumber carrier.
 Battery carrier. Package carrier.
 Bottle carrier. Pole carrier.
 Braider carrier. Rear axle carrier.
 Bulk cement carrier. Reel carrier.
 Bundle carrier. Spare tire carrier.
 Dispatch carrier. Spare wheel carrier.
 Egg carrier. Spindle carrier.
 Egg case carrier. Storage battery carrier.
 Fender well tire carrier. Tire carrier.
 Fuse carrier. Typewriter carrier.
 Ice carrier. Weft carrier.
 Ice cream cone carrier.
 Carrier. J. S. Drummond. 1,913,873; June 13.
 Carrier. F. B. Russell. 1,896,249; Feb. 7.
 Carrier and heater for pavement crack filling buckets. C. L. Gleason. 1,931,793; Oct. 24.
 Carrier and holder, Display. J. L. Barrett. 1,915,116; June 20.
 Carrier and lock, Spare wheel. C. H. Hehls. 1,931,080; Oct. 17.
 Carrier and lock, Spare wheel. F. A. Smith. 1,901,613; Mar. 14.
 Carrier and protector, Ice cream cone. C. B. Lester. 1,934,436; Nov. 7.
 Carrier and the like, Water. F. F. Fenwick, jr. 1,902,548; Mar. 21.
 Carrier bag. M. Friedland. 1,933,250; Oct. 31.
 Carrier case. E. B. Turner. 1,903,798; Apr. 18.
 Carrier current system. M. L. Nelson and H. E. Hershey. 1,911,712; May 30.
 Carrier for cable and wire reels. E. P. and L. D. Blackman. 1,902,611; Mar. 21.
 Carrier for conveyers, Sectional. J. L. G. Meyer. 1,930,621; Oct. 17.
 Carrier for cups and like receptacles. D. C. Jacobs. 1,910,168; May 23.
 Carrier for egg cartons. E. B. Strange. 1,918,993; July 18.
 Carrier for motor driven vehicles, Spare-tire. N. A. Olson. 1,926,350; Sept. 12.
 Carrier for motor vehicles, Luggage. J. R. Ambrosius. 1,904,114; Apr. 18.
 Carrier for ovens, furnaces, or the like. E. T. Bennington. 1,900,903; Mar. 14.
 Carrier for pneumatic dispatch systems. V. H. Jackson. 1,902,856; Mar. 28.
 Carrier for pneumatic tubes and the like. F. Pravda. 1,911,713; May 30.
 Carrier rod control for split seam fabric. G. Bitzer. 1,938,207; Dec. 5.
 Carrier rod stop control arm for full fashioned knitting machines. M. Zwicky. 1,937,539; Dec. 5.
 Carrier system. G. W. Halstead, jr. 1,931,071; Oct. 17.
 Carrier terminal. R. Polcini. 1,898,212; Feb. 21.
 Carrier transfer means. C. S. Jennings and L. C. Allen. 1,912,143; May 30.
 Carrier transfer means. C. S. Jennings and L. C. Allen. 1,926,541; Sept. 12.
 Carrier wave receiver. P. O. Farnham. 1,910,099; May 23.
 Carrotting fur and compositions for carrotting. C. L. Weirich. 1,919,141; July 18.
 Carrying case. H. P. Shriver. 1,893,527; Jan. 10.
 Cart or similar article, Refreshment. H. Levenson. Des. 88,880; Jan. 3.
 Cart, Service lubricating. J. E. Bales. Des. 89,005; Jan. 10.
 Cart, Service station. H. W. Holland. Des. 89,344; Feb. 28.
 Cart, Tea. P. Goodman. Des. 90,713; Sept. 19.
 Carton. J. L. Bayless. 1,909,649; May 16.
 Carton. A. Brockman. 1,895,443; Jan. 31.
 Carton. A. E. Bueschel. 1,940,292; Dec. 19.
 Carton. W. S. Drewry. 1,937,643; Dec. 5.
 Carton. C. A. Fox. 1,930,235-6; Oct. 10.
 Carton. C. W. Hartmann. 1,907,067; May 2.
 Carton. G. F. Hogan. 1,917,886; July 11.
 Carton. A. E. Jones. 1,915,673; June 27.
 Carton. W. S. Kinkad. 1,901,036; Mar. 14.
 Carton. H. H. Monk. 1,926,299; Sept. 12.
 Carton. J. O'Reilly. 1,927,321; Sept. 19.
 Carton. F. Troyk. 1,915,171; June 20.
 Carton. W. S. Wassell. 1,912,329; May 30.
 Carton. A. J. Weiss. 1,898,231; Feb. 21.
 Carton. E. B. Whitehead. 1,901,883; Mar. 21.
 Carton and making the same. H. L. Weber. 1,929,267; Oct. 3.
 Carton and material holder, Combination dispensing. J. C. Jacobs. 1,925,189; Sept. 5.
 Carton and platform, Shipping. D. B. Hause and T. F. Williams. 1,930,896; Oct. 17.
 Carton and retaining device. G. M. Forges and Kaumagraph Company. 1,911,968; May 30.
 Carton, Cellular. R. E. Rutledge. 1,906,337; May 2.
 Carton, Cigarette. J. J. Reinhold. Des. 90,451; Aug. 8.
 Carton, Collapsible egg. M. Burger. 1,936,186; Nov. 21.
 Carton, Combination feeder and shipping. A. J. Murray. 1,916,230; July 4.
 Carton, Compartmented. F. D. Willi. 1,924,823; Aug. 29.
 Carton, Convertible shipping. A. J. Murray. 1,940,010; Dec. 19.
 Carton cover. O. O. Eggebrecht. 1,929,811; Oct. 10.
 Carton cover. O. O. Eggebrecht. 1,935,904; Nov. 21.
 Carton, Cushioned. F. Troyk. Re18,922; Aug. 22.
 Carton, Dispensing. A. F. Gluck. 1,905,561; Apr. 25.
 Carton, Dispensing. E. W. Johnson. 1,898,056; Feb. 21.
 Carton, Display. J. J. Gaffney. 1,911,995; May 30.
 Carton, Display. W. H. Hermsdorf. 1,937,569; Dec. 5.
 Carton, Egg. M. Burger. 1,915,151; June 20.
 Carton, Egg. J. L. Coyle. 1,895,974; Jan. 31.
 Carton, Egg. C. R. Dugdale. Re18,965; Oct. 3.
 Carton, Egg. R. Guyer. 1,913,441; June 13.
 Carton, Egg. M. E. Hassell and M. A. Todd. 1,902,167; Mar. 21.
 Carton, Egg. F. M. Risk. 1,932,804; Oct. 31.
 Carton, Egg. F. Troyk. 1,922,145; Aug. 15.
 Carton filling apparatus. C. W. Hartmann. 1,893,169; Jan. 3.
 Carton, Fireboard shipping. E. S. Gomes. Re18,892; July 11.
 Carton, Foldable display. H. K. Powell. 1,902,262; Mar. 21.
 Carton, Foldable paper. R. R. Richardson. 1,899,772; Feb. 28.
 Carton, Folding. H. K. Powell and A. G. Ballenberg. 1,901,532; Mar. 14.
 Carton folding device. O. C. Schulz. 1,906,283; May 2.
 Carton for baby chicks. I. A. Deline. 1,917,506; July 11.
 Carton for cylindrical objects. A. W. Madsen and S. D. Gazzolo. 1,916,519; July 4.
 Carton for eggs and the like. J. L. Coyle. 1,923,774; Aug. 22.
 Carton for frozen food products. A. B. Brackett. 1,920,184; Aug. 1.
 Carton-forming device. D. W. Ripley. 1,916,128; June 27.
 Carton forming machine. E. G. Jurgens and H. K. Becker. 1,919,787; July 25.
 Carton, Hook display. A. Siegrist. 1,916,995; July 4.
 Carton-loading machine. R. A. Jones. 1,935,269; Nov. 14.
 Carton, Merchandising. J. W. Campbell. 1,920,353; Aug. 1.
 Carton or box for cigarettes and the like. S. N. H. Phillips. 1,892,807; Jan. 3.
 Carton, Pouring. G. A. Trost. 1,914,543; June 20.
 Carton, Reclosable. B. J. Davidson. 1,940,849; Dec. 26.
 Carton, Shipping. H. C. Bohnke. 1,921,724; Aug. 8.
 Carton, Shipping and display. W. O. Freymann. 1,916,045; June 27.
 Carton, Storage. H. K. Wilder. 1,920,227; Aug. 1.
 Carton structure. G. C. Snyder. 1,929,456; Oct. 10.
 Carton, Twin-section egg. L. Sugerman. Re19,028-30; Dec. 19.
 Carton which is equipped to be used as a toy. J. W. Bowman. 1,932,368; Oct. 24.
 Cartons and the like, Mechanism for stacking. M. Paridon. 1,928,210; Sept. 26.
 Cartons, Attachment for. J. C. Haws. 1,935,026; Nov. 14.
 Cartons, Making cigarette. J. Schmiedel. 1,929,810; Aug. 1.
 Cartridge. W. Edwards. 1,902,695; Mar. 21.
 Cartridge. J. Holthe. 1,899,618; Feb. 28.
 Cartridge. W. L. Reed. 1,803,657; Apr. 11.
 Cartridge and apparatus for charging the same, Blasting. F. H. Armstrong. 1,941,196; Dec. 26.
 Cartridge and making the same, Explosive. R. I. Bashford. 1,913,259; June 6.
 Cartridge belts to a feed mechanism, Supplying. A. Dabrasky. 1,901,868; Mar. 21.
 Cartridge, Blank. W. O. Snelling. 1,917,998; July 11.
 Cartridge, Blasting. A. Harris. 1,905,863; Apr. 25.
 Cartridge, Blasting. A. W. Helmholtz and D. Ferrell. 1,926,282; Sept. 12.
 Cartridge, Blasting. F. W. Vodoz. 1,913,015; June 6.
 Cartridge charged with a compressed gas, Blasting. F. H. Armstrong. 1,895,563; Jan. 31.
 Cartridge, Explosive. D. B. McCloud. 1,923,496; Aug. 22.
 Cartridge, Explosive-fertilizer. S. K. Atkinson. 1,929,300; Oct. 3.
 Cartridge feed mechanism. A. Dabrasky and G. W. Beatty. 1,903,288; Apr. 4.

- Cartridge, Fog gas. A. Lowy. 1,909,776; May 16.
 Cartridge for guns and ordnances. W. Haenichen. 1,920,075; July 25.
 Cartridge for medicinal applications. B. Rees. 1,905,752; Apr. 25.
 Cartridge, Mining. R. J. Meyer. 1,915,687; June 27.
 Cartridge, Planting plan anchoring and embryo planting. H. B. Ottwell. 1,936,988; Nov. 28.
 Cartridge, Practice. A. F. Gaidos. 1,902,771; Mar. 21.
 Cartridge, Self-retaining. D. Dodge. 1,921,229; Aug. 8.
 Cartridge, Shot gun. H. W. Brownsdon, W. R. Nimmo, B. Heath, and G. P. Pollitt. 1,896,051; Jan. 31.
 Cartridge, Shot gun. C. Hislop. 1,917,118; July 4.
 Cartridge wad, Shot-gun. H. W. Brownsdon. 1,908,314; May 9.
 Cartridge with primary and secondary charges. J. Meissner. 1,930,765; Oct. 17.
 Cartridges, Manufacture of heat evolving. N. Mellgren. 1,915,898; June 27.
 Carving machine. J. Galbraith. 1,911,891; May 30.
 Carving machine structure. G. A. Parten. 1,893,957-8; Jan. 10.
 Carving material. W. H. Klar. 1,899,200; Feb. 28.
 Cascara sagrada. A. J. Pacine. 1,917,598; July 11.
 Case: See—
 Ammunition case. Packing or shipping case.
 Article case. Pass case.
 Brief case. Pencil case.
 Camera case. Roll-film case.
 Card case. Shipping case.
 Carpet sweeper case. Show case.
 Carrier case. Soap case.
 Carrying case. Spectacle case.
 Cigarette case. Thermometer case.
 Cigarette package case. Tobacco, match, and cigarette paper case.
 Display case. Tobacco pipe case.
 Egg case. Toilet case.
 Equipment case. Tool case.
 Filing case. Traveling case.
 Food case. Vanity case.
 Hat display case. Wardrobe case.
 Key case. Watch case.
 Key-holding case. Wrist-watch case.
 Packing case.
 Case and ash tray, Combined cigarette. C. Welch. 1,902,388; Mar. 21.
 Case and dial, Combined alarm clock. P. Lux. Des. 89,712; Apr. 25.
 Case and display stand, Combination shipping. R. N. Richards. 1,896,721; Feb. 7.
 Case and holder for musical instruments, Combined carrying. A. S. Lang. 1,900,718; Mar. 7.
 Case and lighter, Combination cigarette. F. A. Whittaker. 1,921,854-5; Aug. 8.
 Case and lighter, Combined cigarette. R. Feuer. 1,893,765; Jan. 10.
 Case and lighter, Combined cigarette. I. Florman. 1,921,354; Aug. 8.
 Case and lighter, Combined cigarette. A. F. Reilly. Des. 90,552; Aug. 22.
 Case and the like, Shipping. S. R. Dummer. 1,926,268; Sept. 12.
 Case flat, Egg. R. E. Rutledge. 1,925,112; Sept. 5.
 Case for butcher shops and the like, Refrigerated display. C. Fredberg. 1,926,718; Sept. 12.
 Case for cakes and crackers, Display. B. L. Brown. 1,931,372; Oct. 17.
 Case for cameras, Carryall. W. B. Hawkins. 1,925,694; Sept. 5.
 Case for eggs. L. Benoit. 1,932,721; Oct. 31.
 Case for fragile articles, Packing. J. F. Hendry. 1,905,708; Apr. 25.
 Case for lipsticks. F. E. A. W. Bergaud. 1,902,537; Mar. 21.
 Case for radiotubes. P. S. Florea and I. J. Henry. 1,892,879; Jan. 3.
 Case hardening by nitriding. J. J. Egan. 1,936,294; Nov. 21.
 Case or box for beehives, Packing. J. A. Meier. 1,893,431; Jan. 3.
 Case or holder, Match. M. G. Goyena. 1,925,969; Sept. 5.
 Case or similar article, Eyeglass. H. J. Farrington. Des. 90,910; Oct. 24.
 Case or the like, Vanity. F. E. A. W. Bergaud. Des. 89,985; May 23.
 Case or the like, Vanity. M. P. J. Lambooy. 1,911,906; May 30.
 Casein composition for treating artificial silk yarns and threads or filaments. H. S. Bosland and F. G. La Piana. 1,914,989; June 20.
 Casein, Soluble. A. F. O. Germann. 1,896,300; Feb. 7.
 Casein solution and making the same. F. C. Atwood. 1,893,608; Jan. 10.
 Casement, Pivoted and sliding. J. Kelsey. 1,939,781; Dec. 19.
 Casement window holder. J. F. Calvert. 1,893,128; Jan. 3.
 Cases, bags, trunks, and the like, Fastening for attaché. A. L. Peel. 1,899,822; Feb. 28.
 Cash-drawer machine, Multiple. J. Q. Sherman and A. W. Metzner. 1,930,434; Oct. 10.
 Cash register. C. H. Arnold. 1,936,927; Nov. 28.
 Cash register. L. F. Berry. 1,906,361; May 2.
 Cash register. S. Brand. 1,922,025; Aug. 15.
 Cash register. H. C. Dieserud. 1,898,346; Feb. 21.
 Cash register. F. L. Fuller. 1,898,045; Feb. 21.
 Cash register. F. L. Fuller. 1,901,093; Mar. 14.
 Cash register. F. L. Fuller. 1,920,464; Aug. 1.
 Cash register. F. L. Fuller. 1,930,237; Oct. 10.
 Cash register. C. W. Green. 1,898,049; Feb. 21.
 Cash register. C. W. Green. 1,901,097; Mar. 14.
 Cash register. C. W. Green. 1,920,374-5; Aug. 1.
 Cash register. C. W. Green. 1,924,278; Aug. 29.
 Cash register. C. W. Green. 1,932,621; Oct. 31.
 Cash register. W. H. Robertson. 1,924,290; Aug. 29.
 Cash register. W. H. Robertson. 1,929,652; Oct. 10.
 Cash register. W. H. Robertson. 1,939,278; Dec. 12.
 Cash register. P. Sburlino and H. F. Gaeke. 1,898,065; Feb. 21.
 Cash register. B. M. Shipley. 1,901,064; Mar. 14.
 Cash register. B. M. Shipley. 1,920,328; Aug. 1.
 Cash register, Alarmed. F. Pianl. 1,900,519; Mar. 7.
 Cash register, Key operated. A. H. Gledhill. 1,932,888; Oct. 31.
 Cashew nut shell liquid with paraformaldehyde, Product and process of reacting. M. T. Harvey. 1,921,293; Aug. 8.
 Cashier protector. F. Gulia and A. S. Snell. 1,913,925; June 13.
 Cashier's protective device. O. E. Johansen. 1,912,079; May 30.
 Casing: See—
 Flexible casing. Transformer casing.
 Gear casing. Tubular casing.
 Hose casing. Vehicle spring casing.
 Thermometer casing. Welded casing.
 Casing and insulating lining therefor. A. C. Kelle. 1,907,827; May 3.
 Casing and press for tennis rackets, Combined. R. W. Leisner. 1,925,330; Sept. 5.
 Casing cutter. N. T. McCann. 1,897,206; Feb. 14.
 Casing cutter, Outside. G. A. Lowrey and W. F. Hall. 1,931,929; Oct. 24.
 Casing-cutter, Uniform pressure. W. E. King. 1,913,636; June 13.
 Casing element and making same, Machine. O. Wulfert. 1,919,540; July 25.
 Casing for a bearing. W. A. Bohn. Des. 88,903-4; Jan. 3.
 Casing for a combined clock and radio. J. Glassberg. Des. 90,945; Oct. 31.
 Casing for a control mechanism for time controlled cooking. J. H. Grayson. Des. 88,873; Jan. 3.
 Casing for a hand manipulated therapeutic device. T. S. Warren. Des. 89,146; Jan. 31.
 Casing for a motor oil dispenser. J. J. R. McLoughlin. Des. 89,959; Jan. 17.
 Casing for a portable electric polisher. F. O. Albertson. Des. 90,008; May 30.
 Casing for a suction cleaner or similar article, Light. B. C. Becker. Des. 91,099; Nov. 28.
 Casing for a ventilated unit. A. H. Tinnerman. Des. 89,932; May 16.
 Casing for an autographic register. F. G. Diesbach. Des. 91,102; Nov. 28.
 Casing for boilers and the like. H. A. Brainard. 1,940,578; Dec. 19.
 Casing for concrete construction, Tilttable. F. Eiler. 1,918,182; July 11.
 Casing for hair waving machine. W. H. H. Davis. Des. 89,840; May 9.
 Casing for key-bows. M. P. Quay. 1,897,861; Feb. 14.
 Casing for operating mechanism of projection machines, Inclosing. A. Dina. 1,907,752; May 9.
 Casing for rotary cutting implement. P. J. Fitzgerald. Des. 89,424; Mar. 7.
 Casing for steam or gas turbines. O. A. Wiberg. 1,935,463; Nov. 14.
 Casing for tubing machines, Gear. V. Royle. 1,901,569; Mar. 14.
 Casing for typewriters. G. J. Rundblad. 1,929,992; Oct. 10.
 Casing for universal joints. C. W. Spicer and G. L. Tarbox. 1,902,976; Mar. 28.
 Casing for universal joints. C. W. Spicer and G. L. Tarbox. 1,907,127; May 2.
 Casing for wall clock. E. Bourquin. Des. 89,236; Feb. 7.
 Casing for weighing scales. W. Watling. Des. 91,224-5; Dec. 19.
 Casing head. J. Grant. 1,928,833; Oct. 3.
 Casing head. A. L. Leman. 1,926,856; Sept. 12.
 Casing head. G. R. Milton. 1,914,380; June 20.
 Casing head. H. P. Wickersham. 1,914,472; June 20.
 Casing head control. W. E. King. 1,910,698; May 23.
 Casing head equipment. C. C. Brown. 1,897,297; Feb. 14.
 Casing head equipment. L. M. C. Seamark. 1,902,906; Mar. 28.
 Casing head for oil wells. W. D. Shaffer. 1,925,406; Sept. 5.
 Casing head, Multicap. W. D. Shaffer. 1,900,260; Mar. 7.
 Casing head, Safety. C. B. Reynolds. 1,929,826; Oct. 10.
 Casing head valve. J. H. Howard. 1,929,781; Oct. 10.
 Casing head with blowout preventer. F. J. Hinderliter. 1,918,810; July 18.
 Casing, Instrument. W. D. Teague. Des. 89,620; Apr. 18.
 Casing, Insulated. H. P. Chandler. 1,895,022; Jan. 24.
 Casing, landing packing and blowout prevention assembly. O. K. Stephens. 1,927,190; Sept. 19.
 Casing liner. H. D. Sandstone. 1,916,686; July 4.

- Casing, Making high-grade borehole. H. Buchholtz. 1,931,717; Oct. 24.
- Casing measuring machine, Power driven. M. L. Brock. 1,913,829; June 13.
- Casing or cover for radiators. I. T. Bennett. 1,920,778; Aug. 1.
- Casing or frame and bracket for light reflector signal, Combined. H. C. Reichhardt. Des. 89,468; Mar. 14.
- Casing, Platform scale. M. J. Weber. Des. 88,997; Jan. 10.
- Casing plugging apparatus. L. E. Hodges. 1,913,548; June 13.
- Casing puller and pulling a casing. G. J. Carr. 1,929,055; Oct. 3.
- Casing shoe, Well. J. J. Larkin. 1,904,317; Apr. 18.
- Casing structure for water heaters and other heating appliances. S. J. Lonergan. 1,911,760; May 30.
- Casing, Supercharger. W. Noble. 1,894,054; Jan. 10.
- Casing, repairing and packing head. F. J. Hinderliter. 1,899,273; Feb. 28.
- Casing tester. B. Young. 1,933,951; Nov. 7.
- Casing, Vending machine. D. F. and J. F. Hladky. Des. 89,111; Jan. 24.
- Casings, Apparatus for retreading tire. P. E. Hawkinson. 1,917,262; July 11.
- Casings, Manufacture of. F. Singer. 1,925,823; Sept. 5.
- Casings, Manufacture of pneumatic tire. G. L. Mather. 1,921,473-4; Aug. 8.
- Casings, Repairing tire. J. J. Dettling. 1,899,676; Feb. 28.
- Casings, Retreading tire. P. E. Hawkinson. 1,917,261; July 11.
- Casket. C. B. Harbin. Des. 90,714; Sept. 19.
- Casket. G. A. Phelps. 1,917,152; July 4.
- Casket. A. F. H. Scott. 1,903,197-8; Mar. 28.
- Casket, Bed-like. C. Borchard. 1,906,310; May 2.
- Casket bed. Burial. A. G. Harms. 1,934,425; Nov. 7.
- Casket, Burial. S. Junkunc, jr. Des. 89,668; Apr. 18.
- Casket, Burial. M. E. Overstreet. 1,931,828; Oct. 24.
- Casket, Burial. P. H. Raap. Des. 88,891; Jan. 3.
- Casket, Burial. P. H. Raap. Des. 88,931; Jan. 3.
- Casket handle, Removable. P. J. Benbough. 1,925,226; Sept. 5.
- Casket handle support. P. J. Benbough. Des. 90,097-9; June 13.
- Casket lowering device. R. J. Anderson and D. G. Thomas. Des. 89,734; May 2.
- Casket spray receptacle. N. Billman. 1,909,999; May 23.
- Casket stay for hearses. H. Van Deest. 1,912,741; June 6.
- Caskets, Lid-lock for burial. J. D. Canedy. 1,909,753; May 16.
- Casserole and base therefor, Combined. P. E. Willman. Des. 90,608; Aug. 29.
- Casserole, Electric. A. T. Smith. Des. 90,388; July 25.
- Casserole or similar article. C. Kaiser. Des. 89,527; Mar. 21.
- Cassette. F. W. Reuter. 1,897,621; Feb. 14.
- Cast articles, Apparatus for the mass production of. J. Wilberz. 1,925,890; Sept. 5.
- Cast iron and malleable iron. Treating gray. J. C. Bozard and J. L. Summers. 1,894,752; Jan. 17.
- Cast product embodying material of low specific gravity. D. S. Connelly and T. J. Hahn. 1,934,592; Nov. 7.
- Cast products, Making. D. S. Connelly, W. and T. J. Hahn. 1,920,244; Aug. 1.
- Castellating machine. H. E. Pruitt. 1,893,444; Jan. 3.
- Caster. S. M. Chase. 1,896,698; Feb. 7.
- Caster. S. M. Child. 1,933,095; Oct. 31.
- Caster. H. A. Currie. 1,920,004; July 25.
- Caster. N. A. Davies. 1,931,469; Oct. 17.
- Caster. C. K. Greenleaf. 1,916,663; July 4.
- Caster. H. S. Hele-Shaw, T. E. Beacham and N. A. Davies. 1,896,978; Feb. 7.
- Caster. W. F. Herold. 1,895,882; Jan. 31.
- Caster. H. Müller. 1,931,446; Oct. 17.
- Caster. C. A. Schacht. 1,937,438; Nov. 28.
- Caster. C. R. Uhl. 1,900,672; Mar. 7.
- Caster, Adjustable wheel. W. R. Darnell. 1,895,150; Jan. 24.
- Caster and the like. F. J. and N. L. Jarvis, and C. N. Fretts. 1,929,743; Oct. 10.
- Caster and the like. O. W. Patterson. 1,919,666; July 25.
- Caster construction. F. K. Kilian. 1,913,056; June 6.
- Caster construction. F. K. Kilian. 1,922,098; Aug. 15.
- Caster construction, Extensible offset. C. B. Noelting and W. H. Noelting. 1,899,394; Feb. 28.
- Caster cup, Sliding. C. A. Schacht. 1,903,690; Apr. 11.
- Caster, Double ball lock. W. H. Noelting. 1,930,622; Oct. 17.
- Caster for furniture and the like. F. K. Kilian. 1,922,099; Aug. 15.
- Caster mechanism for stands and the like. E. C. Harter. 1,902,166; Mar. 21.
- Caster, Removable wheel. A. G. McGrath. 1,892,845; Jan. 3.
- Caster roller. W. F. Schacht. 1,902,726; Mar. 21.
- Caster, Sliding. C. A. Schacht. 1,903,687-9; Apr. 11.
- Caster, Sliding and folding partition. E. H. Ellison. 1,940,943; Dec. 26.
- Caster, Twin wheel. R. J. Wilson. 1,936,701; Nov. 28.
- Caster wheel. C. W. Millet. 1,922,556; Aug. 15.
- Casting abrasive-faced articles. R. S. Edmondson and M. Holmes. 1,893,539-40; Jan. 10.
- Casting and means therefor, Pressure. J. E. Hoy. 1,912,981; June 6.
- Casting apparatus. R. C. Brotz. 1,941,199; Dec. 26.
- Casting apparatus. G. A. Ferlin. 1,939,963; Dec. 19.
- Casting apparatus. W. G. Newton. 1,931,769; Oct. 24.
- Casting apparatus. L. C. Shippy. 1,925,497; Sept. 5.
- Casting apparatus, Centrifugal. L. A. Camerota. 1,936,376; Nov. 21.
- Casting apparatus for stereotype plates having a mold adapted to be pressed immediately against the melting pot. K. Schäfein. 1,897,823; Feb. 14.
- Casting, Centrifugal. W. J. Braddock. 1,931,888; Oct. 24.
- Casting-die. C. E. Claus. 1,909,253; May 16.
- Casting float. S. Green. 1,917,967; July 11.
- Casting for a drill press, Head. W. B. Turner. Des. 91,094; Nov. 21.
- Casting freely oxidizable metals. J. A. Gann. 1,919,939; July 25.
- Casting hollow bodies in chill molds rotatable about vertical axes, Apparatus for. A. Keup. 1,904,831; Apr. 18.
- Casting machine. E. Bauer. 1,927,384; Sept. 19.
- Casting machine. H. Ford. 1,898,722; Feb. 21.
- Casting machine. C. A. Nichols. 1,925,496; Sept. 5.
- Casting machine. C. A. Nichols and A. W. Phelps. 1,925,495; Sept. 5.
- Casting machine. A. Vyn. 1,924,221; Aug. 29.
- Casting machine, Centrifugal. C. D. Barr and S. D. Moxley. 1,916,296; July 4.
- Casting machine, Centrifugal. L. H. Brown. 1,924,976; Aug. 29.
- Casting machine, Centrifugal. D. J. Campbell. 1,917,872; July 11.
- Casting machine, Centrifugal. H. R. Hokin. 1,908,607; May 9.
- Casting machine, Centrifugal. W. Morgan. 1,927,467; Sept. 19.
- Casting machine for hemicylindrical printing plates. H. Fritz. 1,932,580; Oct. 31.
- Casting metals, Means for. E. Bornand and H. A. Schlaepfer. 1,918,734; July 13.
- Casting method and apparatus. D. Willcox. 1,926,573; Sept. 12.
- Casting mold. F. M. Poe. 1,920,020; July 25.
- Casting pots of lino type and similar machines working with soft metals, Device for feeding the. K. Bader. 1,903,751; Apr. 18.
- Casting, Process or method of. I. C. W. Mann. 1,938,707; Dec. 12.
- Casting, Striking. D. S. Barrows. 1,931,479; Oct. 24.
- Casting, Striking. G. F. Couch. 1,932,813; Oct. 31.
- Castings, Apparatus for use in making. L. R. Nelson. 1,925,400; Sept. 5.
- Castings for radiators, boilers, and the like, Apparatus for molding. C. Airaghi. 1,913,356; June 13.
- Castings having wear-resistant inserts, Production of. A. V. Harris and W. A. Wissler. 1,926,770; Sept. 12.
- Castings, Method and apparatus for eliminating hard spots in. J. Schmeller, sr. 1,915,004; June 20.
- Castings of magnesium and high grade magnesium alloys. A. L. Mond. 1,895,639; Jan. 31.
- Castings or other articles, Apparatus for cleansing or blasting. C. F. Frede and K. S. Howard. 1,928,621; Oct. 3.
- Castings, Production of alloy surface. J. H. Critchett. 1,902,059; Mar. 21.
- Castings, Production of coated malleable iron. L. H. Marshall. 1,893,782; Jan. 10.
- Castings, Production of metal. R. W. Bailey. 1,923,000; Aug. 15.
- Castings, Production of metal. R. W. Bailey. 1,930,408; Oct. 10.
- Castings with coatings composed of high-chromium alloys, Production of. S. M. Norwood. 1,902,092; Mar. 21.
- Castor oils and coating compositions containing the same, Modified. H. J. Barrett. 1,933,697; Nov. 7.
- Cataloguing and projecting machine, Condensed. B. B. Harding. 1,918,468; July 18.
- Catalogues, pamphlets or the like with slanting-edges, Manufacture of. J. S. F. Bergendahl. 1,932,153; Oct. 24.
- Catalyst. M. E. Barker. 1,916,249; July 4.
- Catalyst. M. W. Barker. 1,936,563; Nov. 21.
- Catalyst. H. H. Storch. 1,937,728; Dec. 5.
- Catalyst. N. Titlestad and S. F. Spangler. 1,927,508; Sept. 19.
- Catalyst and employing same. J. A. Nieuwland and R. R. Vogt. 1,926,055; Sept. 12.
- Catalyst and making it. J. C. W. Frazer. 1,934,795; Nov. 14.
- Catalyst and making same. L. H. Reyerson. 1,925,820; Sept. 5.
- Catalyst and manufacturing same. J. A. Bertsch. 1,933,091; Oct. 31.
- Catalyst and method of preparation. M. E. Barker. 1,936,565; Nov. 21.
- Catalyst and preparation thereof, Metal. S. L. Bass. 1,907,710; May 9.
- Catalyst and preparing the same. A. E. Craver. 1,914,557-8; June 20.
- Catalyst and process and acetylene polymerization. F. B. Downing, A. S. Carter, and D. Hutton. 1,926,039; Sept. 12.
- Catalyst and producing same. L. G. Jenness. 1,937,489; Nov. 28.

- Catalyst and production thereof. U. B. Bray. 1,918,957; July 18.
- Catalyst, Apparatus for feeding. P. H. Falter. 1,935,627; Nov. 21.
- Catalyst for ammonia oxidation. E. A. Taylor. 1,927,963; Sept. 26.
- Catalyst for methanol manufacture and producing same. B. F. Dodge. 1,908,696; May 16.
- Catalyst for oxidizing carbon monoxide in exhaust gases. M. E. Barker. 1,903,803; Apr. 18.
- Catalyst for the preparation of esters. J. Martin and I. J. Krehma. 1,937,284-5; Nov. 28.
- Catalyst, Hydrogenation. O. G. Bennett and C. B. Jackson. 1,905,433; Apr. 25.
- Catalyst, Metallic. O. G. Bennett and J. C. W. Frazer. 1,893,879; Jan. 10.
- Catalyst, Oxidation. H. A. Bond and L. B. Smith. 1,937,381; Nov. 28.
- Catalyst, Oxidizing. J. C. W. Frazer. 1,937,689; Dec. 5.
- Catalyst used for the hydrogenation of hydrocarbon oils, Reactivation of. E. B. Peck. 1,894,785; Jan. 17.
- Catalyst used in the preparation of hydrogen, Reactivation of. G. H. Freyermuth and W. V. Hanks. 1,904,440; Apr. 18.
- Catalysts and making the same, Promoted. J. H. Perry. 1,914,835; June 20.
- Catalysts for the hydrogenation and dehydrogenation of organic compounds. J. Seib. 1,913,774; June 13.
- Catalysts for the production of methanol and other carbon compounds. A. T. Larson. 1,939,708; Dec. 19.
- Catalysts for the production of oxygenated organic compounds. O. W. Lusby. 1,900,829; Mar. 7.
- Catalysts for the removal of organic sulphur compounds from gases. O. W. Lusby. 1,900,882; Mar. 7.
- Catalysts, Increasing the activity of oxidation. B. M. Reynolds. 1,896,031; Jan. 31.
- Catalysts, Making. A. Silverman, C. J. Engelder, and M. Blumer. 1,909,133; May 16.
- Catalysts, Making supported. O. G. Bennett and J. C. W. Frazer. 1,940,934; Dec. 26.
- Catalysts, Preparing. M. E. Barker. 1,936,564; Nov. 21.
- Catalysts, Preparation of. A. T. Larson. 1,908,484; May 9.
- Catalysts, Production of. A. Mittasch and H. Zorn. 1,895,764; Jan. 31.
- Catalysts, Production of. O. v. d. Luft. 1,896,320; Feb. 7.
- Catalysts, Promotion of. J. H. Perry. 1,914,458; June 20.
- Catalysts, Restoring the activity of hydrogenation. J. A. Franceway. 1,904,218; Apr. 18.
- Catalysts used in the hydrogenation of hydrocarbon oils, Reactivation of. J. A. Franceway. 1,908,338; May 9.
- Catalysts, Using oxidation. J. C. W. Frazer and L. S. Kassel. 1,902,160; Mar. 21.
- Catalytic apparatus. I. Hechenbleikner. 1,894,768; Jan. 17.
- Catalytic apparatus. A. O. Jaeger. 1,900,382; Mar. 7.
- Catalytic apparatus. A. O. Jaeger. 1,905,719; Apr. 25.
- Catalytic apparatus. A. O. Jaeger. 1,909,358; May 16.
- Catalytic apparatus. A. O. Jaeger. 1,935,053; Nov. 14.
- Catalytic apparatus. A. O. Jaeger and J. A. Bertsch. 1,927,286; Sept. 19.
- Catalytic apparatus. K. Roka. 1,936,118; Nov. 21.
- Catalytic bodies and making the same. L. F. Nickell. 1,933,067; Oct. 31.
- Catalytic converter. A. O. Jaeger. 1,917,716; July 11.
- Catalytic dehydration. H. S. Taylor and W. A. Lazier. 1,895,529; Jan. 31.
- Catalytic dehydration and dehydrogenation process. H. S. Taylor and W. A. Lazier. 1,895,523; Jan. 31.
- Catalytic gels, Preparing. M. Latshaw and W. L. Jude and. 1,935,188; Nov. 14.
- Catalytic hydrogenation, Carrying out. H. Kaffer. 1,933,435; Oct. 31.
- Catalytic hydrogenation of monamines of the benzene series. W. Lommel and T. Goost. 1,927,130; Sept. 19.
- Catalytic hydrogenation of non-nitrogenous organic compounds. A. O. Jaeger. 1,931,846; Oct. 24.
- Catalytic hydrogenation process. W. A. Lazier. 1,895,515; Jan. 31.
- Catalytic masses, Preparing. G. C. Connolly and J. A. Pierce. 1,935,177; Nov. 14.
- Catalytic material and producing same. F. J. Metzger and W. G. Fogg. 1,913,938; June 13.
- Catalytic material, Preparation of. M. F. Fogler. 1,936,936; Nov. 28.
- Catalytic material, Preparing. M. Raney. 1,915,473; June 27.
- Catalytic material, Production of. J. A. Weil. 1,893,812; Jan. 10.
- Catalytic materials, Reactivating. A. W. Ralston and J. R. Wright. 1,915,618; June 27.
- Catalytic oxidation of ammonia. A. O. Jaeger. 1,918,038; July 11.
- Catalytic oxidation of crude anthracene. A. O. Jaeger. 1,926,540; Sept. 12.
- Catalytic oxidation of gases, Apparatus for use in the. A. P. Beardsley. 1,918,080; July 11.
- Catalytic oxidation of organic compounds. A. O. Jaeger. 1,930,716; Oct. 17.
- Catalytic process. J. W. Davis. 1,911,353; May 30.
- Catalytic process for destructive hydrogenation of heavy hydrocarbons and for regeneration of catalyst therefor. E. B. Peck. 1,933,508; Oct. 31.
- Catalytic process for obtaining valuable refined hydrocarbon oils from heavier unrefined products by the action of high pressure hydrogen. H. H. Semmes. 1,940,652; Dec. 19.
- Catalytic process of producing ketones. W. A. Lazier. 1,895,516; Jan. 31.
- Catalytic processes, Apparatus for conducting. B. E. Thomas. 1,936,610; Nov. 28.
- Catalytic production of anhydrous stannic chloride. J. Wolf and G. A. Favre. 1,937,419; Nov. 28.
- Catalytic reactions, Apparatus for conducting. W. W. Tuck. 1,931,636; Oct. 24.
- Catalytic reactions, Apparatus for endothermic. G. Wietzel and G. Schiller. 1,894,140; Jan. 10.
- Catalytic reactions, Method and apparatus for carrying out of. W. H. Kniskern. 1,932,247; Oct. 24.
- Catalytic synthesis. R. Williams. 1,909,442; May 16.
- Catalyzer, Ceramic. C. A. McManus. 1,902,630; May 21.
- Catamenial bandage. J. Josias. 1,893,745; Jan. 10.
- Catamenial bandage holder. E. E. Harrington. Re18,939; Sept. 5.
- Catamenial belt. A. B. J. Kelly. 1,917,979; June 11.
- Catamenial device. E. C. Haas. 1,926,900; Sept. 12.
- Catamenial napkin. H. R. Williams. 1,910,872; May 23.
- Catamenial plug. F. S. Richardson. 1,932,383; Oct. 24.
- Catapult for game apparatus. D. D. Levitt. 1,893,865; Jan. 10.
- Catch, Adjustable door. R. F. Riffle. 1,900,077; Mar. 7.
- Catch basin trap. C. A. McManus. 1,917,805; July 11.
- Catch, Door stabilizing. C. E. Strand. 1,917,740; July 11.
- Catch for automobile hoods and like closures. I. S. Keeler. 1,926,102; Sept. 12.
- Catch for suitcases, boxes, chests, etc. O. A. Boesel. 1,896,476; Feb. 7.
- Catch hinge. C. H. H. Rodanet. 1,913,899; June 13.
- Catch, Hood. T. T. Logie. 1,928,729; Oct. 3.
- Catch, Hood. R. G. Moore. 1,931,850; Oct. 24.
- Catch, Hood. R. G. Moore. 1,934,137; Nov. 7.
- Catch, Hood. E. J. Roossien and G. V. Jakeway. 1,931,298; Oct. 17.
- Catch, Locking. B. G. Buss. 1,901,021; Mar. 14.
- Catch, Pin safety. G. R. Monks. 1,927,243; Sept. 19.
- Catcher for rolling mills, Mechanical. W. J. Crowley. 1,925,979; Sept. 5.
- Catheter. O. M. Gahagan. Re18,789; Apr. 4.
- Catheter and drainage tube, Self-retaining. J. W. Gerow. 1,922,084; Aug. 15.
- Catheter, Prostatic. J. V. Dozier. 1,920,006; July 25.
- Catheters, Plugging device for. R. H. Wappler. 1,906,678; May 2.
- Cathode arrangement. B. Wiesecke. 1,930,704; Oct. 17.
- Cathode coating process. E. L. Koch. 1,914,432; June 20.
- Cathode discharge tube, Gasfilled incandescent. G. Holst. 1,935,846; Nov. 21.
- Cathode energizing. Discharge tube. B. F. Miessner. 1,917,728; July 11.
- Cathode for electron discharge devices. H. W. Parker. 1,929,931; Oct. 10.
- Cathode for electron discharge devices and making the same. L. H. Bedford. 1,921,066; Aug. 8.
- Cathode glow discharge device. C. H. Thomas. 1,914,762; June 20.
- Cathode-heater leakage tester. F. Fausett. 1,916,102; June 27.
- Cathode, Highly emissive. O. Emersleben. 1,893,935; Jan. 10.
- Cathode, Indirectly heated. L. H. Bedford. 1,904,261; Apr. 18.
- Cathode, Indirectly heated. O. Böhm. 1,897,229; Feb. 14.
- Cathode, Indirectly heated. S. Loewe. 1,939,997; Dec. 19.
- Cathode, Indirectly heated. K. M. Van Gessel. 1,937,736; Dec. 5.
- Cathode ray oscillograph. A. M. Opsahl. 1,932,084; Oct. 24.
- Cathode ray oscilloscope. W. O. Osbon. 1,934,322; Nov. 7.
- Cathode structure for cathode tubes. W. Hofmann. 1,899,568; Feb. 28.
- Cathode structure for thermionic devices. A. W. Hull. 1,924,319; Aug. 29.
- Cathode structure for thermionic devices. O. W. Pike. 1,924,375; Aug. 29.
- Cathodes, Activating. W. Espe. 1,894,949; Jan. 24.
- Cathodes, Coating thermionic. L. McCulloch. 1,899,765; Feb. 28.
- Cathodes for electric discharge devices, Manufacture of hot. E. Wiegand. 1,902,478; Mar. 21.
- Cathodes, Manufacture of photo-electric. N. R. Campbell. 1,904,895; Apr. 18.
- Cathodes, Manufacturing highly emissive. B. Loewe. 1,917,044; July 4.
- Cathodes of electron discharge tubes, Degassing. W. Albright. 1,895,437; Jan. 31.
- Cathodes or the like, Activating glowing. W. Espe. 1,894,946; Jan. 24.
- Cattle hitch. A. P. Jacobsen. 1,916,953; July 4.
- Caulking compound and application. W. G. Brown. 1,931,643; Oct. 24.
- Caulking compound and the like, Handling. M. H. Hollingsworth. 1,912,076; May 30.
- Caustic soda, Manufacturing. P. Krassa. 1,922,591; Aug. 15.

- Cauterizing instrument and electrode. F. C. Wappler. 1,899,220; Feb. 28.
- Cavitation free fluid joint. H. Mueller. 1,924,621; Aug. 29.
- Cedar board. J. F. Mahlstedt and A. V. A. Felten. 1,900,830; Mar. 7.
- Ceiling. L. Navratil. 1,930,251; Oct. 10.
- Ceiling canopy support. H. D'Olier. 1,908,588; May 9.
- Ceiling construction. C. R. Birdsey. 1,902,835; Mar. 28.
- Ceiling construction. C. R. Birdsey and H. W. Reel. 1,902,796; Mar. 21.
- Ceiling construction, Precast. H. W. Reel. 1,902,789; Mar. 21.
- Ceiling for sound correction. F. J. Sersen. 1,913,249; June 6.
- Ceiling hanger. M. Symington. 1,941,282; Dec. 26.
- Ceiling hanger, Suspended. D. B. Danielson. 1,931,574; Oct. 24.
- Ceiling, Hollow stone. W. Mellmann. 1,934,317; Nov. 7.
- Ceiling or finishing plate structure for pipe systems. R. L. Sweeney. 1,918,722; July 18.
- Ceiling washer, Power operated. S. Raen. 1,927,186; Sept. 19.
- Celery, Blanching. J. C. Wilson. 1,908,394; May 9.
- Cell feed. F. G. Wheeler and H. H. Heller. 1,924,822; Aug. 29.
- Cell, Potential producing. S. Ruben. 1,920,151; July 25.
- Cell structure and inclosing element. L. Schwartzberg. 1,910,408; May 23.
- Cell structure and inclosing element, Combined. L. Schwartzberg. 1,910,409; May 23.
- Celloconstruction for flotation machines. J. P. Ruth, jr. 1,903,517; Apr. 11.
- Cellophane and fancy paper products and the like. E. M. Hacker. 1,921,819; Aug. 8.
- Cellular aggregate, Method of and apparatus for producing. T. E. Lloyd. 1,932,415; Oct. 31.
- Cellular composition and making the same. H. M. Spencer. 1,936,887; Nov. 28.
- Cellular products, Forming. W. L. Ellerbeck. 1,902,993; Mar. 28.
- Celluloid articles from bars of celluloid, Producing seamless. L. J. Most. 1,940,223; Dec. 19.
- Celluloid articles, Shaping. E. G. Loomis. 1,915,936; June 27.
- Celluloid embossing process. T. M. Nixon. 1,924,800; Aug. 29.
- Cellulose acetate and the like, Preparation of. J. W. McKinney. 1,933,676; Nov. 7.
- Cellulose acetate and product thereof, Manufacture of. S. E. Sheppard and L. W. Eberlin. 1,934,450; Nov. 7.
- Cellulose acetate, Changing the solubility of. A. F. Bidaud. 1,909,483; May 16.
- Cellulose acetate composition. R. L. Jenkins. 1,941,262; Dec. 26.
- Cellulose acetate composition. C. J. Staud and C. S. Webber. 1,896,145; Feb. 7.
- Cellulose acetate composition containing a brominated diphenyl ether. H. B. Smith and S. J. Carroll. 1,899,215; Feb. 28.
- Cellulose acetate composition containing biphenyl benzoate. T. F. Murray, jr., and C. J. Staud. 1,933,822; Nov. 7.
- Cellulose acetate compositions containing dibenzyl aniline. T. F. Murray, jr., and C. J. Staud. 1,912,718; June 6.
- Cellulose acetate compositions containing oximes. H. B. Smith. 1,899,213; Feb. 28.
- Cellulose acetate from its reaction bath, Separation of. C. S. Webber and C. J. Staud. 1,912,746; June 6.
- Cellulose acetate, Hydrolysis of. C. S. Webber and C. J. Staud. 1,905,536-7; Apr. 25.
- Cellulose acetate lacquer containing chlorinated rosin. L. W. Eberlin and L. W. Blanchard, jr. 1,899,196; Feb. 28.
- Cellulose acetate, Making. C. J. Staud and C. S. Webber. 1,939,235; Dec. 12.
- Cellulose acetate, Manufacture of. C. J. Malm. 1,908,523; May 9.
- Cellulose acetate, Manufacture of. O. Silberrad and H. Bleasdale. 1,899,061; Feb. 28.
- Cellulose acetate, Manufacture of. C. J. Staud and H. B. Smith. 1,908,550; May 9.
- Cellulose acetate materials, Treatment of. A. J. Hall. 1,939,261; Dec. 12.
- Cellulose acetate, Plasticizing and dispersing. W. B. Pratt and R. T. Halstead. 1,921,582; Aug. 8.
- Cellulose acetate, Production of low viscosity. C. J. Malm and A. Anderson. 1,908,524; May 9.
- Cellulose acetate with aldehyde, Making acetone soluble. T. F. Murray, jr., and H. L. Gray. 1,930,145; Oct. 10.
- Cellulose acetate yarns and product thereof, Producing. C. Dreyfus and W. Whitehead. 1,930,230; Oct. 10.
- Cellulose acetates, Preparing partially hydrolyzed. S. I. Vies. 1,911,657; May 30.
- Cellulose, Acetylation. H. O. Hertleln. 1,912,275; May 30.
- Cellulose acyl-nitrate, Preparation of. C. J. Staud and J. T. Fuess. 1,933,829; Nov. 7.
- Cellulose, Aging of alkali. R. Etzkorn. 1,911,560; May 30.
- Cellulose and making same, Colored soluble. E. De Stubner. 1,914,489; June 20.
- Cellulose and producing it, Printed regenerated. J. Voss. 1,929,394; Oct. 3.
- Cellulose and products therefrom, Treating. P. Karrer. 1,897,026; Feb. 7.
- Cellulose articles, Manufacture of pressed. A. Nagelvoort. 1,939,404; Dec. 12.
- Cellulose articles, Producing. W. F. Henderson. 1,903,622; Apr. 11.
- Cellulose butyric esters, Manufacture of. H. Gault and B. M. R. Angla. 1,912,189; May 30.
- Cellulose composition. G. A. Richter. 1,910,406; May 23.
- Cellulose composition, Derivative of. W. H. Moss. 1,902,257; Mar. 21.
- Cellulose compound and making same, New. L. Lilienfeld. 1,938,033; Dec. 5.
- Cellulose container. H. B. Lerner. 1,913,839; June 13.
- Cellulose, Conversion of. G. W. Miles. 1,917,539; July 11.
- Cellulose derivative and making same. R. Haller and A. Heckendorn. 1,895,544; Jan. 31.
- Cellulose derivative composition. E. F. Hitch and M. A. Dahlen. 1,893,283-4; Jan. 3.
- Cellulose derivative having a strong affinity for acid dye-stuffs, and making same. R. Haller and A. Heckendorn. 1,929,868; Oct. 10.
- Cellulose derivative material and product thereof, Treating. C. Dreyfus and H. Platt. 1,903,290; Apr. 4.
- Cellulose derivatives and making same. R. Haller and A. Heckendorn. 1,896,892; Feb. 7.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 1,925,310; Sept. 5.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 1,930,471-2; Oct. 17.
- Cellulose derivatives, Manufacture of. H. Dreyfus. 1,940,709; Dec. 26.
- Cellulose derivatives, Manufacture of useful products from. H. Dreyfus. 1,941,204; Dec. 26.
- Cellulose derivatives, Production of low viscosity. C. J. Staud and T. F. Murray, jr. 1,917,398; July 11.
- Cellulose derivatives, Purification of. C. Dreyfus and G. Schneider. 1,933,720; Nov. 7.
- Cellulose derivatives, Treatment of. J. F. Briggs and R. P. Roberts. 1,934,618; Nov. 7.
- Cellulose derivatives, Treatment of. H. Dreyfus and W. I. Taylor. 1,935,203; Nov. 14.
- Cellulose derivatives, Treatment of. G. H. Ellis and H. C. Olpin. 1,905,453; Apr. 25.
- Cellulose ester. F. Becker. 1,936,976; Nov. 28.
- Cellulose ester. H. Kranich. 1,940,218; Dec. 19.
- Cellulose ester and ether materials, Coloration of. G. H. Ellis and W. B. Miller. 1,927,160; Sept. 19.
- Cellulose ester and product thereof, Ripening a. G. Schneider. 1,916,689; July 4.
- Cellulose ester composition. H. T. Clarke and C. E. Waring. 1,930,142; Oct. 10.
- Cellulose ester composition. E. R. Taylor. 1,917,405; July 11.
- Cellulose ester composition. H. M. Weber. 1,897,015; Feb. 7.
- Cellulose ester composition of matter containing the tetraethyl ester of a tetracarboxyl derivative of a saturated aliphatic hydrocarbon. H. B. Smith. 1,905,517; Apr. 25.
- Cellulose ester manufacture and composition thereof. G. A. Richter. 1,938,299; Dec. 5.
- Cellulose esters and cellulose ether esters, Making mixed. M. Hagedorn, O. Reichert, and E. Gühring. 1,902,280; Mar. 21.
- Cellulose esters and making same. R. Haller and A. Rupert. 1,922,287; Aug. 15.
- Cellulose esters and making same. R. Haller and A. Rupert. 1,930,895; Oct. 17.
- Cellulose esters and product thereof, Preparing. C. Dreyfus. H. E. Martin, and L. N. Lee. 1,918,251; July 18.
- Cellulose esters, Making mixed. C. J. Malm and C. E. Waring. 1,933,815; Nov. 7.
- Cellulose esters, Manufacture of. H. Dreyfus. 1,925,309; Sept. 5.
- Cellulose esters, Manufacture of. H. Dreyfus. 1,936,189; Nov. 21.
- Cellulose esters, Manufacture of. H. Dreyfus. 1,936,585-6; Nov. 28.
- Cellulose esters, Manufacture of. H. Dreyfus. 1,936,588; Nov. 28.
- Cellulose esters, Manufacture of. H. Dreyfus. 1,936,590; Nov. 28.
- Cellulose esters, Manufacture of mixed. C. Dreyfus and G. W. Miles. 1,938,176; Dec. 5.
- Cellulose esters of the higher fatty acids, Soluble. M. Hagedorn and G. Hingst. 1,931,844; Oct. 24.
- Cellulose esters, Preparation of. H. Gault and B. M. R. Angla. 1,908,746; May 16.
- Cellulose esters, Preparing. J. F. Haskins. 1,920,306; Aug. 1.
- Cellulose esters, Production of. H. Dreyfus. 1,936,589; Nov. 28.
- Cellulose esters, Purification of. W. Whitehead. 1,919,002; July 18.
- Cellulose esters, Saponification of. C. Dreyfus and W. Whitehead. 1,895,919-20; Jan. 31.
- Cellulose esters, Treatment of. S. E. Sheppard. 1,921,949; Aug. 8.
- Cellulose esters using neutral salts as inhibitors, Hydrolysis of. C. J. Staud and J. T. Fuess. 1,895,351; Jan. 24.
- Cellulose ether composition. W. W. Lewers and G. L. Schwartz. 1,900,507; Mar. 7.
- Cellulose ethers, in particular benzylcellulose, Manufacture of. A. Lautenberg. 1,920,702; Aug. 1.
- Cellulose fiber and producing the same, Low viscosity. G. A. Richter. 1,923,641; Aug. 22.

- Cellulose fiber, Chemical modification of. G. A. Richter. 1,907,201; May 2.
- Cellulose fiber for conversion into cellulose derivatives, Preparation of high alpha. G. A. Richter. 1,906,885; May 2.
- Cellulose fiber for nitration, Conditioning of. M. O. Schur and B. G. Hoos. 1,919,962; July 25.
- Cellulose fiber of low-solution viscosity and producing the same. G. A. Richter. 1,935,129; Oct. 14.
- Cellulose fiber, Processing of. G. A. Richter. 1,935,580; Nov. 14.
- Cellulose fiber pulp, Treating. H. C. Schwalbe. 1,899,989; Mar. 7.
- Cellulose fiber, Reducing the solution viscosity of. G. A. Richter. 1,941,154; Dec. 26.
- Cellulose fiber, Refinement of. G. A. Richter. 1,924,623; Aug. 29.
- Cellulose fibres, Hydrating. J. A. De Cew. 1,917,505; July 11.
- Cellulose for nitration, Preparing. W. C. Wilson. 1,925,162; Sept. 5.
- Cellulose formates, Production of. E. Elöd. 1,900,599; Mar. 7.
- Cellulose from vegetable fibers, Process and plant for the manufacture of. C. Bouvier, G. Fouché, and E. Seguin. 1,927,541; Sept. 19.
- Cellulose, Homogeneous esterification of. H. L. Barthelmy. 1,926,964; Sept. 12.
- Cellulose, Hydrolyzing. L. A. Stegemeyer and J. O. Peirce. 1,906,429; May 2.
- Cellulose into homogeneous plastic masses, Working up ethyl. E. Dörr, O. Leuchs, and L. Rosenthal. 1,913,478; June 13.
- Cellulose, Manufacturing. J. J. De La Roza, sr. 1,931,573; Oct. 24.
- Cellulose material from hemp fibers, Manufacture of purified. E. C. Worden. 1st. 1,899,223; Feb. 28.
- Cellulose material, Purification of. H. P. Bassett. 1,923,292; Aug. 22.
- Cellulose materials translucent, Rendering. C. S. Webber and C. J. Staud. 1,939,244; Dec. 12.
- Cellulose nitrate-acrylate, Making. C. J. Malm and J. D. Coleman, jr. 1,917,380; July 11.
- Cellulose nitrate-acrylate, Preparation of. C. J. Malm and C. L. Fletcher. 1,917,381; July 11.
- Cellulose nitrate and acetate, Preparation of homogeneous mixtures of. C. J. Staud and C. E. Waring. 1,917,399; July 11.
- Cellulose nitrate coating compositions. G. R. Ensminger. 1,939,676; Dec. 19.
- Cellulose nitrate composition and solvent mixture therefor. M. H. Morrison and E. H. Nollau. 1,915,163; June 20.
- Cellulose nitrate film and similar products, Making. H. E. Van Derhoef. 1,900,873; Mar. 7.
- Cellulose nitro-acetate higher fatty acid ester, Preparation of. C. J. Staud and C. E. Waring. 1,933,828; Nov. 7.
- Cellulose nitro-acetate, Making. C. J. Staud and J. T. Fuess. 1,897,869; Feb. 14.
- Cellulose or cellulosic products, Manufacture of. H. Dreyfus. 1,903,962; Apr. 18.
- Cellulose or the like from treating liquid, Separating. W. Claus and E. Schmidt. 1,924,483; Aug. 29.
- Cellulose organic derivative composition of matter containing BB'-dialkoxo diethyl adipate. H. B. Smith. 1,901,130; Mar. 14.
- Cellulose organic derivative composition of matter containing a BB'-dialkoxo ethyl carbonate. H. B. Smith. 1,905,518; Apr. 25.
- Cellulose organic ester composition containing a cyclic acetate. H. B. Smith. 1,930,136; Oct. 10.
- Cellulose organic ester composition containing a lower alkyl ester of a substituted benzoic acid. H. J. Smith and S. J. Carroll. 1,930,135; Oct. 10.
- Cellulose organic ester composition containing an ethyl ether of the ethylene glycol mono-ester of hydroxy aliphatic acid. H. B. Smith. 1,933,826; Nov. 7.
- Cellulose organic ester composition containing ethyl gamma-phenoxy butyrate. H. B. Smith. 1,933,827; Nov. 7.
- Cellulose organic ester composition containing phenyl-ethyl benzoate. H. B. Smith. 1,899,214; Feb. 28.
- Cellulose organic ester composition containing propylene chloride. H. B. Smith. 1,930,134; Oct. 10.
- Cellulose phosphates, Production of. W. L. Tanner. 1,896,725; Feb. 7.
- Cellulose, Preliminary boiling or cooking process for. K. Y. Kylander. 1,910,613; May 23.
- Cellulose, Preparing. A. B. Bori and J. M. Estape. 1,920,239; Aug. 1.
- Cellulose, Process and apparatus for the manufacture of. D. Westad. 1,904,894; Apr. 18.
- Cellulose, Producing alpha. J. J. de la Roza, sr. 1,918,250; July 18.
- Cellulose products, Purifying spun. H. P. Bassett. 1,933,204; Oct. 31.
- Cellulose pulp, Manufacture of high alpha. W. D. Nicoll. 1,931,933; Oct. 24.
- Cellulose pulp, Method of and apparatus for hydrating. W. T. Doyle. 1,905,161; Apr. 25.
- Cellulose pulp, Production of. O. V. E. Jansa and E. G. Planck. 1,933,017; Oct. 31.
- Cellulose, Purification of. C. Henningsen. 1,919,329; July 25.
- Cellulose, Purifying nitrated. D. R. Wiggam. 1,908,500; May 9.
- Cellulose raw material of all kinds. V. Hottenroth and O. Faust. 1,904,235; Apr. 18.
- Cellulose solution and cellulose derivative and making same. C. Graenacher. 1,924,238; Aug. 29.
- Cellulose solution, Spinning. A. Kämpf. 1,895,192; Jan. 24.
- Cellulose solutions, Manufacture of. E. Scheller. 1,936,483; Nov. 21.
- Cellulose thiourethanes and making same. L. Lilienfeld. 1,906,910; May 2.
- Cellulose tubing, Mechanism for and producing. A. G. Hewitt. 1,937,225; Nov. 28.
- Cellulose, Weighting regenerated. F. W. Weber and E. Schaefer. 1,898,105; Feb. 21.
- Cellulose with a nitrogen oxide, Nitration of. C. J. Staud and J. T. Fuess. 1,917,400; July 11.
- Cellulose wool and paper product. F. Thunert. 1,906,671; May 2.
- Cellulose xanthate from sheeted cellulose fiber, Preparation of. G. A. Richter. 1,932,751; Oct. 31.
- Cellulosic article and preparing the same. G. W. Seymour. 1,918,294; July 18.
- Cellulosic composition of matter containing a dialkyl hydrophthalate. H. B. Smith. 1,905,516; Apr. 25.
- Cellulosic composition of matter containing paraldehyde. S. J. Carroll. 1,899,078; Feb. 28.
- Cellulosic derivative scrap, Recovering. E. R. Taylor and H. B. Smith. 1,900,872; Mar. 7.
- Cellulosic fibers, Treating. E. Stocker. 1,895,298; Jan. 24.
- Cellulosic material and producing the same. F. S. Vivas. 1,909,193; May 16.
- Cellulosic material, Purification of. G. W. Miles. 1,911,030; May 23.
- Cellulosic materials and product therefrom, Ennobling. W. Zänker. 1,925,914; Sept. 5.
- Cellulosic materials and the production of cellulose esters and cellulose ester products therefrom. H. Dreyfus. 1,911,069; May 23.
- Cellulosic materials and to the production of cellulose esters and cellulose ester products therefrom, Treatment of. H. Dreyfus. 1,936,587; Nov. 28.
- Cellulosic materials, Production of useful products from. H. Dreyfus. 1,919,623; July 25.
- Cellulosic materials, Fermentation of. L. M. Christensen. 1,911,172; May 23.
- Cellulosic materials, Treatment of. H. Dreyfus. 1,936,190; Nov. 21.
- Cellulosic organic ester composition of matter containing a benzyl ether of a hydroxybenzene. L. W. Eberlin and J. J. Schmitt. 1,933,794; Nov. 7.
- Cellulosic plastic, Coated. B. Andersen and C. Lyng. 1,909,795; May 16.
- Cellulosic product and making the same, Indurated. D. W. Hollingworth and L. W. Tarr. 1,894,907; Jan. 17.
- Cement and cement mortar, and product thereof. W. Kirchner. 1,910,297; May 23.
- Cement and like material, Apparatus designed for handling. W. B. Slemmer. 1,902,145; Mar. 21.
- Cement and making dental cement, Dental. V. S. Harshman. 1,900,237; Mar. 7.
- Cement and producing the same. B. Bruhn. 1,910,675; May 23.
- Cement apparatus and operation thereof. F. Falla. 1,909,820; May 16.
- Cement, Apparatus and process for making. D. C. Coulson. 1,916,417; July 4.
- Cement, Apparatus and process for making. C. B. Oliver and V. E. Vallet. 1,893,522; Jan. 10.
- Cement bag. C. E. Miller. 1,940,221; Dec. 19.
- Cement block molding machine. L. C. Carton. 1,905,619; Apr. 25.
- Cement building material, Asbestos. W. J. Moeller. 1,893,783; Jan. 10.
- Cement clinker and extracting moisture from slurry, Apparatus for simultaneously cooling. L. R. Palmer. 1,937,094; Nov. 28.
- Cement, etc., Manufacturing white Portland. G. Bergen, F. Engelhardt, and R. Steckhan. Re18,805; Apr. 25.
- Cement, Forming. R. M. LaDue. 1,937,898; Dec. 5.
- Cement from fluid slag, Making. B. Bruhn. 1,910,676; May 23.
- Cement handling apparatus. W. B. Slemmer. 1,934,646; Nov. 7.
- Cement, Heat insulating. L. R. Nichols. 1,899,473; Feb. 28.
- Cement, High temperature. P. S. Denning. 1,916,971; July 4.
- Cement, Hydraulic. E. W. Rice. 1,907,003; May 2.
- Cement, Insulating. A. V. Leun and L. H. Roffe. 1,933,271; Oct. 31.
- Cement, Linoleum. R. D. Bonney and W. S. Egge. 1,927,540; Sept. 19.
- Cement, Low-soluble. E. L. Chappell. 1,916,157; June 27.
- Cement, Manufacture of. C. H. Breerwood. 1,931,921; Oct. 24.
- Cement, Manufacture of. W. M. Keenan. 1,932,467; Oct. 31.
- Cement, Manufacture of. R. E. Windecker. 1,904,639-40; Apr. 18.
- Cement, Manufacture of high alumina. J. D. Morgan. 1,913,943; June 13.

- Cement, Manufacture of hydraulic. P. T. Lindhard. 1,929,953; Oct. 10.
- Cement, Manufacture of Portland. L. A. Dahl and W. C. Hanna. 1,916,716; July 4.
- Cement, Manufacturing Portland. J. H. Colton. 1,893,696; Jan. 10.
- Cement material, Fire grinding of. C. Pontoppidan. 1,904,523; Apr. 18.
- Cement, Method and apparatus for burning. R. W. P. Horn and J. H. Nissley. 1,898,776; Feb. 21.
- Cement mixer. A. W. Rybeck. 1,927,447; Sept. 19.
- Cement, Mortar. O. E. Wasson. 1,904,909; Apr. 18.
- Cement, Optical. S. E. Sheppard. 1,921,948; Aug. 8.
- Cement or materials containing cement. O. Stålhane. 1,900,670; Mar. 7.
- Cement, Producing. E. R. Wilner. Re19,005; Nov. 21.
- Cement, Production of. J. A. Singmaster. 1,904,699; Apr. 18.
- Cement products, Manufacture of. L. E. Calkins. 1,931,018; Oct. 17.
- Cement retainer. E. V. Crowell. 1,896,482; Feb. 7.
- Cement road padding. R. C. McIlroy. 1,914,520; June 20.
- Cement, Rubber. E. Hazell. 1,916,421; July 4.
- Cement, Slag. G. Witty. 1,912,815; June 6.
- Cement sludge, Apparatus for the treatment of raw. A. Schmidt. 1,936,861; Nov. 28.
- Cement slurry, Apparatus for evaporating. C. Mittag. 1,895,201; Jan. 24.
- Cement solution, Insoluble. H. G. Halloran. 1,926,943; Sept. 12.
- Cement valve. E. S. White. 1,906,891; May 2.
- Cementing. G. D. Gridley. 1,908,601; May 9.
- Cementing apparatus for oil and gas wells. J. F. Robinson, J. M. Chilcote, and W. H. Haupt. 1,922,780; Aug. 15.
- Cementing composition. L. V. Adams. 1,900,537; Mar. 7.
- Cementing composition. A. Cohen. 1,935,434; Nov. 14.
- Cementing composition. A. G. Hovey. 1,925,903; Sept. 3.
- Cementing machine. G. G. Albert. 1,904,812; Apr. 18.
- Cementing machine. A. S. Johnson. 1,928,693-4; Oct. 3.
- Cementing, Method and apparatus for. C. R. Edwards and O. Codier. 1,934,701; Nov. 14.
- Cementing plug. E. V. Crowell. 1,938,955; Dec. 12.
- Cementitious bodies and material for use in same, Forming. E. P. Marshall. 1,899,101; Feb. 28.
- Cementitious composition. G. E. Barnhart and H. E. Pfaff. 1,901,890; Mar. 21.
- Cementitious filling for flanged joints and the like. W. S. Quigley. 1,919,037; July 18.
- Cementitious material, Apparatus for applying. J. E. Anderson. 1,933,543; Nov. 7.
- Cementitious materials, Manufacture of. A. J. Blank. 1,912,883; June 6.
- Center for wire ropes. B. W. Gates. 1,916,135; June 27.
- Center locating device. H. F. Kieckhefer. 1,904,242; Apr. 18.
- Center plate and guide structure. M. H. Martin. 1,920,415; Aug. 1.
- Center testing indicator. T. H. George. 1,936,160; Nov. 21.
- Centering and cushioning device for railway car couplers. E. E. Schlesinger. 1,926,112; Sept. 12.
- Centering device. C. A. Alexander. 1,929,134; Oct. 3.
- Centering device for heel blocks. W. J. Shaw. 1,907,678; May 9.
- Centering device for loud speaker cones. R. J. Rockwell. 1,939,922; Dec. 19.
- Centerless grinding machine. R. A. Cole. 1,896,481; Feb. 7.
- Centerless grinding or polishing machine. R. W. Fuller. 1,900,984; Mar. 14.
- Centers, Dipping. R. Stover. 1,931,302; Oct. 17.
- Central mixing plant, Automatic. P. A. Koehring. 1,923,151; Aug. 22.
- Centrifugal. F. Schaum. 1,896,466; Feb. 7.
- Centrifugal apparatus. E. Roberts. 1,905,306; Apr. 25.
- Centrifugal apparatus. F. I. Williams. 1,914,764; June 20.
- Centrifugal brake. F. H. Schwerin. 1,904,089; Apr. 18.
- Centrifugal clutch. A. Lowndes. Re18,741; Feb. 21.
- Centrifugal clutch. W. H. Moyer. 1,910,352; May 23.
- Centrifugal clutch. C. A. Ruessenberg. 1,936,030; Nov. 21.
- Centrifugal drier. R. W. Rizler. 1,903,795; Apr. 18.
- Centrifugal extractor, Loading. H. Krantz and H. Buysch. 1,935,506; Nov. 14.
- Centrifugal force pump. R. Jacuzzi. 1,929,496; Oct. 10.
- Centrifugal impeller locking thrust eliminating means. A. R. Weis. 1,918,359; July 18.
- Centrifugal machine. Lee D. Jones. 1,931,496; Oct. 24.
- Centrifugal machine. F. E. Krauss. 1,913,600; June 13.
- Centrifugal machine. E. Roberts. 1,903,298; Apr. 4.
- Centrifugal machine. J. L. Rushton. 1,921,842; Aug. 8.
- Centrifugal machine. H. Schubert. 1,909,015; May 16.
- Centrifugal machine. G. Ter Meer. 1,898,806; Feb. 7.
- Centrifugal machine. G. ter Meer. 1,923,895; Aug. 22.
- Centrifugal machine. G. ter Meer. 1,928,341; Sept. 26.
- Centrifugal machine for making conical hollow bodies, particularly reinforced concrete poles. M. Stübler. 1,892,815; Jan. 3.
- Centrifugal machines, Apparatus for discharging. E. Roberts. 1,909,188; May 16.
- Centrifugal mechanism, Speed controlling and speed measuring. T. H. Barth. 1,936,578; Nov. 28.
- Centrifugal process of lining tubes with a bituminous or like material. G. Reichenbecher and E. Grube. 1,939,521; Dec. 12.
- Centrifugal pump. J. S. Coffin, jr. 1,909,095; May 16.
- Centrifugal pump. J. W. W. Drysdale. 1,894,165; Jan. 10.
- Centrifugal pump. L. M. Goldsmith. 1,929,309; Oct. 3.
- Centrifugal pump. T. M. Heermans. 1,914,919; June 20.
- Centrifugal pump. A. Peterson. 1,910,811; May 23.
- Centrifugal pump. J. Sim. 1,934,013; Nov. 7.
- Centrifugal pump, Adjustable. W. Buckley. 1,896,219; Feb. 7.
- Centrifugal pump, Balanced multistage. A. Hollander. 1,912,452; June 6.
- Centrifugal pump, Motor driven. I. C. Jennings. 1,908,427; May 9.
- Centrifugal pump, Multistage. D. J. Moran and E. O. Bennett. 1,941,442; Dec. 26.
- Centrifugal pump, Multistage. J. E. Vitu. 1,900,531; Mar. 7.
- Centrifugal separation. E. N. Trump. 1,933,644; Nov. 7.
- Centrifugal separation, Method and apparatus for. A. Peltzer and A. Peltzer, Jr. 1,923,454; Aug. 22.
- Centrifugal separator. W. Alexander. 1,898,608; Feb. 21.
- Centrifugal separator. W. Alexander. 1,905,779; Apr. 25.
- Centrifugal separator. H. W. Fawcett. 1,921,181; Aug. 8.
- Centrifugal separator. O. B. Germond. 1,936,130; Nov. 21.
- Centrifugal separator. C. G. Hawley. 1,931,193-4; Oct. 17.
- Centrifugal separator. C. G. Hawley. 1,933,588; Nov. 7.
- Centrifugal separator. M. A. Lissman. 1,909,184; May 16.
- Centrifugal separator. C. F. Uebelacker. 1,928,080; Sept. 26.
- Centrifugal separator machine. H. O. Lindgren. 1,901,461; Mar. 14.
- Centrifugal separator, Multiple. C. J. Lindequist. 1,896,180; Feb. 7.
- Centrifugal switch. A. M. Harrelson. 1,910,245; May 23.
- Centrifugal switch. C. H. Kindl and Z. C. Bradford. 1,926,339; Sept. 12.
- Centrifugal switch. W. H. Leslie. 1,896,798; Feb. 7.
- Centrifugal switch. W. J. Pasinski. 1,911,964; May 30.
- Centrifugal switch. V. Weber. 1,935,303-4; Nov. 14.
- Centrifugal treating machine. A. H. Adams. 1,909,794; May 16.
- Centrifugally cast product. J. H. L. De Batz. 1,939,768; Dec. 19.
- Centrifuge. A. E. Drissner and G. B. Petsche. 1,923,258; Aug. 22.
- Centrifuge. R. Etzkorn. 1,916,830; July 4.
- Centrifuge apparatus. H. S. Coe. 1,927,822; Sept. 26.
- Centrifuge method and apparatus. A. Peltzer and A. Peltzer, Jr. 1,933,119; Oct. 31.
- Centrifuge, Multiple. S. C. Lindberg. 1,896,179; Feb. 7.
- Ceramic articles, Apparatus for manufacturing of. H. Mueller. 1,901,923; Mar. 21.
- Ceramic blocks, Producing fired. P. G. Willetts. 1,893,314; Jan. 3.
- Ceramic bodies, Method and apparatus for manufacturing. A. Malinovsky. 1,940,554; Dec. 19.
- Ceramic material and making same. T. G. McDougal. 1,909,785; May 16.
- Ceramic materials and articles formed therefrom, Treatment of. M. Lasley. 1,906,384; May 2.
- Ceramic materials, Heat treating. J. Harrington. 1,927,830; Sept. 26.
- Ceramic materials, Molding. H. L. Crowley. 1,894,368; Jan. 17.
- Ceramic products and manufacturing the same. H. Ackermann. 1,917,181; July 4.
- Ceramic products, Making permeable. W. L. Stafford. 1,934,383; Nov. 7.
- Ceramic ware, Method of and apparatus for glazing. C. Dressler. 1,919,322; July 25.
- Ceramic ware treatment method and apparatus. C. L. Colbert. 1,917,924; July 11.
- Cereal cutting machine. D. M. Shaler. 1,916,773; July 4.
- Cereal food. W. K. Kellogg. 1,925,255; Sept. 5.
- Cereal food. E. H. McKay. 1,925,267; Sept. 5.
- Cereal product in a new form, Producing a. R. M. Bohn and C. S. Miner. 1,933,158; Oct. 31.
- Cereal toasting machine. C. W. Fike. 1,911,887; May 30.
- Cereals and cereal products, Producing antirachitically activated. E. D. Shumway. 1,928,397; Sept. 26.
- Cereals, Malting of. T. R. Dixon. 1,914,244; June 13.
- Certificate and record holder. E. D. Thompson. 1,895,903; Jan. 31.
- Certificate holder, Visible. A. O. Cobbs. 1,910,751; May 23.
- Chain: See—
- Antiskid chain. Elastic bracelet chain.
 - Read chain. Flexible chain.
 - Bracelet chain. Ornamental chain.
 - Conveyer chain. Silent chain.
 - Cutter chain. Tire chain.
 - Dobby pattern chain. Traction antiskid chain.
- Chain. G. G. Mize. 1,925,055; Aug. 29.
- Chain. C. P. Schmidt. 1,894,600; Jan. 17.
- Chain and making the same, Reinforced. W. B. Lashar. 1,904,479; Apr. 18.

- Chain and pulley assemblage. B. H. Flynn. 1,911,184; May 30.
- Chain and sprocket wheel therefor, Conveyor. R. R. Worral. 1,937,304; Nov. 28.
- Chain assembling means, Automatic. F. Müller. 1,899,976; Mar. 7.
- Chain attachment, Tire. A. L. Stiles. 1,914,760; June 20.
- Chain block. E. Knight. 1,903,218; Mar. 28.
- Chain cleaner, Drag. P. C. Linder. 1,898,184; Feb. 21.
- Chain connector. J. R. Reyburn. 1,909,896; May 16.
- Chain connecting link. E. G. Carlson. 1,901,345; Mar. 14.
- Chain connecting means. H. W. Gilbert and C. A. Dray. 1,906,570; May 2.
- Chain conveying apparatus. A. Marone. 1,902,873; Mar. 28.
- Chain cross member, Tire. H. D. Weed. 1,914,965; June 20.
- Chain drive. A. H. Leipert. 1,902,712; Mar. 21.
- Chain drive device. J. M. Davidson. 1,932,771; Oct. 31.
- Chain elevator and conveyor, Endless. J. Caesar and S. Eggleston. 1,931,141; Oct. 17.
- Chain fastener. F. E. Thompson. 1,904,102; Apr. 18.
- Chain for automobile tires. E. J. Martel. 1,905,237; Apr. 25.
- Chain for bracelets or similar articles. E. B. Peterson. Des. 89,914; May 16.
- Chain for coal-cutting machines, Cutter. A. Anderson. 1,932,947-9; Oct. 31.
- Chain for mining machines, Cutter. N. K. Bowman. 1,930,466; Oct. 17.
- Chain for mining machines, Cutter. E. W. Radius. 1,902,420; Mar. 21.
- Chain for pneumatic tires, Antiskid. V. Graziani. 1,899,801; Feb. 28.
- Chain for trench excavating devices, Rubber jointed. E. H. Lichtenberg. 1,896,711; Feb. 7.
- Chain for woodworking machines, Feeding. G. Bendix. 1,907,479; May 9.
- Chain guiding device for portable motor tree saws. F. W. Meyer. 1,903,571; Apr. 11.
- Chain housing for individually sprung wheels. A. F. Masury. 1,936,847; Nov. 28.
- Chain link and conveyor formed therefrom. L. Lomando. 1,910,804; May 23.
- Chain link and integral head articulating pintle. F. A. Fahrenwald. 1,899,948; Mar. 7.
- Chain link and making the same. H. G. Taylor. 1,939,734; Dec. 19.
- Chain link and the link made by such a method, Producing a. G. H. Green. 1,939,346; Dec. 12.
- Chain link holding device. H. Klauke. 1,939,986; Dec. 19.
- Chain links, Making. H. C. Taylor. 1,938,056; Dec. 5.
- Chain links, Making. H. G. Taylor. 1,939,735; Dec. 19.
- Chain lock. S. Segal. 1,924,627; Aug. 29.
- Chain locking device. J. Potter. 1,896,592; Feb. 7.
- Chain, Method of casting and repairing. P. C. De Bruyne. 1,913,107; June 6.
- Chain pipe wrench. F. L. Cook. 1,896,699; Feb. 7.
- Chain pipe wrench. L. Lassen and W. Boehm. 1,919,593; July 25.
- Chain pipe wrench. W. S. Stuart. 1,933,513-14; Oct. 31.
- Chain splicer, Tong. J. D. Campbell. 1,938,415; Dec. 5.
- Chain structure, Making a. K. Fassnacht and E. Mueller. 1,939,806; Dec. 19.
- Chain tightener. T. N. Pierson. 1,913,040; June 6.
- Chain tightener, Self locking. A. Johnson. 1,911,898; May 30.
- Chain tightening device. A. F. Marcell. 1,929,026; Oct. 3.
- Chain vise. W. O. Thewes. 1,911,538; May 30.
- Chains composed of single links, Device for producing cast. P. Matzow. 1,920,578; Aug. 1.
- Chains, Cross-link for tire. W. H. Bristol and F. A. Smith. 1,914,106; June 13.
- Chains, Making tire. M. R. Wells. 1,901,213; Mar. 14.
- Chair: See—
- Adjustable chair. Nursery chair.
- Beach and lawn chair. Physician's chair.
- Camp arm chair. Posture regulating chair.
- Collapsible chair. Reclining chair.
- Convertible chair. Reinforce chair.
- Foldable chair. Resilient chair.
- Folding chair. Road chair.
- Garden chair. Self adjusting chair.
- Individual bar chair. Swivel chair.
- Invalid's chair. Terrace chair.
- Lawn and camp chair. Theater chair.
- Nestable chair. Wheel chair.
- Nested chair. Window chair.
- Chair. D. E. Austin, P. R. Bissell, and E. W. Crutchfield. 1,903,253; Mar. 28.
- Chair. J. E. Bales. 1,934,396; Nov. 7.
- Chair. W. Barclay. 1,940,523; Dec. 19.
- Chair. R. B. Brown. Des. 90,572; Aug. 29.
- Chair. J. A. Garrow. 1,910,760; May 23.
- Chair. L. E. Goenen and J. A. Garrow. 1,913,751; June 13.
- Chair. P. Goodman. Des. 90,706; Sept. 19.
- Chair. P. Goodman. Des. 90,878; Oct. 17.
- Chair. P. Goodman. Des. 90,911-12; Oct. 24.
- Chair. L. V. A. Guild. Des. 89,758; May 2.
- Chair. T. R. Hayes. 1,898,834; Feb. 21.
- Chair. T. R. Hayes. 1,925,246; Sept. 5.
- Chair. F. P. Hayward. Des. 90,317; July 18.
- Chair. N. G. Horwitz. Des. 90,319; July 18.
- Chair. R. C. Huntley. 1,937,892; Dec. 5.
- Chair. C. R. Kayser. Des. 90,850; Oct. 10.
- Chair. J. H. Kellogg. 1,917,264; July 11.
- Chair. J. Krebs. 1,912,282; May 30.
- Chair. A. S. T. La Gaard. 1,914,693; June 20.
- Chair. L. Larsen. 1,928,939; Oct. 3.
- Chair. W. M. Lewallen. 1,921,932; Aug. 8.
- Chair. W. Lustbader. Des. 90,161; June 20.
- Chair. R. K. Merrill. 1,931,504; Oct. 24.
- Chair. R. K. Merrill. 1,939,595; Dec. 12.
- Chair. H. Morrison. Des. 90,376; July 25.
- Chair. D. Powell. 1,930,021; Oct. 10.
- Chair. J. A. Santos. 1,902,586; Mar. 21.
- Chair. W. A. Sengpiel. 1,909,017-18; May 16.
- Chair. E. M. Sims and L. W. Harter. 1,938,226; Dec. 5.
- Chair and canopy, Coin controlled. W. F. Taylor. 1,903,579; Apr. 11.
- Chair and chaise-lounge, Convertible. H. Guttin. 1,911,116; May 23.
- Chair and cot, Folding. S. M. Bishop. 1,928,991; Oct. 3.
- Chair and ironing board, Combined. J. H. and M. K. Haney. 1,928,890; Oct. 3.
- Chair and stepladder, Combined. L. L. Lofton. 1,896,451; Feb. 7.
- Chair and supporting device. L. Leigh. 1,906,233; May 2.
- Chair and table, Combination. J. Keicher. 1,907,322; May 2.
- Chair and test cap mechanism, Closet. J. Heinkel. 1,930,344; Oct. 10.
- Chair back or rest. W. J. and A. L. Johnson. Re18,913; Aug. 8.
- Chair bed, Folding. L. Arzt. 1,938,240; Dec. 5.
- Chair construction. F. W. Kohler. 1,895,803; Jan. 31.
- Chair construction. F. W. Kohler. 1,895,804; Jan. 31.
- Chair element. G. D. Schermerhorn. 1,895,210; Jan. 24.
- Chair for reinforcing bars, High. W. T. Bauman. 1,907,477; May 9.
- Chair frame. F. M. Coxon. 1,925,480; Sept. 5.
- Chair head rest. R. Hult. 1,930,867; Oct. 17.
- Chair or settee. C. R. Wulfgren. 1,898,448; Feb. 21.
- Chair or settee bedstead. H. A. Fraser and P. F. Crighton. 1,903,918; Apr. 18.
- Chair or similar article. J. R. Kirkpatrick. Des. 90,489; Aug. 15.
- Chair or stool seat, Counter. R. M. Sher. 1,939,834; Dec. 19.
- Chair rack. B. M. Stannard. 1,912,884; June 6.
- Chair, Rustic. L. E. and C. A. Leonard. Des. 90,491; Aug. 15.
- Chair, seat, and back rest, Combined. J. A. Summerlee. Des. 90,128; June 13.
- Chair spacing device. G. W. Hambrook and W. E. Clarin. 1,931,289; Oct. 17.
- Chair stepladder, and ironing board device, Combination. R. L. Grose. 1,937,886; Dec. 5.
- Chair structure. F. H. Waggoner and J. J. Josephs. 1,938,879; Dec. 12.
- Chair, Swivel. J. H. Miller and C. E. Fish. 1,918,190; July 11.
- Chair with swingable table leaves. G. H. Hamilton. 1,905,859; Apr. 25.
- Chairs, Attachment for arm. J. F. Fitzsimmons. 1,912,267; May 30.
- Chairs, Cushioned foot for. G. D. Schermerhorn. 1,916,336; July 4.
- Chaise longue. C. Bielecky. Des. 90,866; Oct. 17.
- Chaise longue. F. Debski. Des. 89,126; Jan. 31.
- Chalice. A. F. Sonderman and N. Meinhardt. Des. 90,889; July 25.
- Chamber closure for orifice fittings. W. McFarlane. 1,938,458; Dec. 5.
- Chamber of variable volume. G. de Monge. 1,902,323; Mar. 21.
- Chamfering tool. W. H. Thies. 1,931,627; Oct. 24.
- Chandelier. H. J. Gruber. Des. 90,844-5; Oct. 10.
- Chandelier. H. J. Gruber. Des. 90,881; Oct. 17.
- Change dispensing mechanism. J. Kiss. 1,916,271; July 4.
- Change making machine. A. M. Robinson. 1,940,231; Dec. 19.
- Change making or token vending machine. E. de Ryss. 1,934,489; Nov. 7.
- Change over device. L. E. Brocius. 1,893,576; Jan. 10.
- Change speed gear. K. Maybach. 1,924,128; Aug. 29.
- Change speed gear. K. Maybach. 1,939,508; Dec. 12.
- Change speed gear, Continually variable. O. G. Wellton. 1,895,841; Jan. 31.
- Change speed gear, Continually variable. O. G. Wellton. 1,898,412; Feb. 21.
- Change speed mechanism. W. J. Haag. 1,911,022; May 23.
- Change speed mechanism. S. E. Secoy. 1,924,756; Aug. 29.
- Changeable exhibitor. B. S. Hayter. 1,900,059; Mar. 7.
- Changeable exhibitor. C. F. Higgins. 1,915,127; June 20.
- Changeable sign. J. L. D. Morrison, jr. 1,894,960; Jan. 24.
- Changeable sign. L. Paxourek and K. L. Kerckhoff. 1,912,540; June 6.
- Changing sign. H. M. Russell. 1,933,763; Nov. 7.
- Channel. W. S. Gaines, jr. 1,898,948; Feb. 21.
- Channel. J. S. Reid. 1,908,864; May 16.
- Channel. J. S. Reid. 1,919,130; July 18.

- Channel cementing machine. F. Ricks. 1,922,140; Aug. 15.
- Channel clip. E. R. Boyle. 1,929,302; Oct. 3.
- Channel selection. H. A. Afel. 1,905,359; Apr. 25.
- Channel sheath. J. S. Reid. 1,927,651; Sept. 19.
- Channel strips, Making. J. I. Taylor. 1,931,333; Oct. 17.
- Channel system, Extended. P. A. Noxon. 1,917,195; July 4.
- Channel system, Multiplex drop. F. G. Hallden. 1,927,704; Sept. 19.
- Channeling machine. A. U. Croce. 1,904,415; Apr. 18.
- Chaplet. L. Brown. 1,910,790; May 23.
- Chaplet. L. C. Hobart. 1,924,280; Aug. 29.
- Chaplet. T. J. Magnuson. 1,893,425; Jan. 3.
- Chaplets, Making. S. H. Gibson. 1,932,036; Oct. 24.
- Charcoal from charcoal fines, Producing activated. M. E. Barker. 1,902,986; Mar. 28.
- Charcoal from coal, Preparation of. M. E. Barker. 1,933,579; Nov. 7.
- Charcoal from nitrogenous material, Producing activated. G. T. Reich. 1,925,204; Sept. 5.
- Charcoal heater. W. Chandler. 1,893,358; Jan. 3.
- Charcoal heater, Self-contained. R. O. Middleton. 1,898,846; Feb. 21.
- Charcoal, Preparation of granulated active. L. Klebert. 1,899,339; Feb. 28.
- Charcoal, Production and reactivation of active. F. Krczil. 1,927,459; Sept. 19.
- Charcoal sticks, Apparatus for making. I. A. Hultberg. 1,933,141; Oct. 31.
- Charge calculator. C. H. Ward. 1,893,009; Jan. 3.
- Charge forming and feeding means for internal combustion engines. F. H. Heitger. 1,916,952; July 4.
- Charge forming apparatus for internal combustion engines. A. Moore. 1,901,848; Mar. 14.
- Charge forming device. J. I. Anson. 1,909,035; May 16.
- Charge forming device. F. E. Aseltine. 1,897,101-3; Feb. 14.
- Charge forming device. F. E. Aseltine. 1,900,685; Mar. 7.
- Charge forming device. F. E. Aseltine. 1,905,030; Apr. 25.
- Charge forming device. F. E. Aseltine. 1,910,421; May 23.
- Charge forming device. F. E. Aseltine. 1,911,135; May 23.
- Charge forming device. F. E. Aseltine. 1,913,139; June 6.
- Charge forming device. F. E. Aseltine. 1,916,906; July 4.
- Charge forming device. F. E. Aseltine. 1,925,430; Sept. 5.
- Charge forming device. F. E. Aseltine. 1,926,020-1; Sept. 12.
- Charge forming device. F. E. Aseltine. 1,931,599; Oct. 24.
- Charge forming device. F. E. Aseltine. 1,939,431; Dec. 12.
- Charge forming device. F. E. Aseltine. 1,941,334; Dec. 26.
- Charge forming device. F. E. Aseltine, C. H. Kindl, and W. H. Teeter. 1,937,938; Dec. 5.
- Charge forming device. F. E. Aseltine, W. H. Teeter, C. H. Kindl, and F. D. Funston. 1,913,741; June 13.
- Charge forming device. F. D. Funston. 1,918,530; July 15.
- Charge forming device. P. Koehly. 1,935,801; Nov. 21.
- Charge forming device. F. C. Mock. 1,900,191; Mar. 7.
- Charge forming device. N. Straussler. 1,904,701; Apr. 18.
- Charge forming device. W. H. Teeter. 1,898,324; Feb. 21.
- Charge forming device. W. H. Teeter. 1,899,363; Feb. 28.
- Charge forming device. W. H. Teeter. 1,904,634; Apr. 18.
- Charge forming device. W. H. Teeter. 1,913,144; June 6.
- Charge forming device. W. H. Teeter. 1,922,407; Aug. 15.
- Charge forming device. W. H. Teeter. 1,929,193-4; Oct. 3.
- Charge forming device. W. H. Teeter. 1,941,284; Dec. 26.
- Charge forming device, Duplex. F. E. Aseltine. 1,905,029; Apr. 25.
- Charge severing mechanism. R. G. Allen. 1,897,993; Feb. 21.
- Charger, Crane type. R. J. Wadd. 1,905,195; Apr. 25.
- Charges for internal combustion engines, Supplying and mixing. A. Moore. 1,901,847; Mar. 14.
- Charging and indicating system, Combined. A. J. Whitcomb, O. R. Rice, and O. C. Callow. 1,917,478; July 11.
- Charging and testing apparatus and stock stand, Combined. B. F. W. Heyer. Des. 89,589; Apr. 11.
- Charging and voltage regulating system, Automatic. H. H. Harbecke. 1,897,800; Feb. 14.
- Charging apparatus. R. L. Frink. 1,913,665; June 13.
- Charging apparatus for open-hearth furnaces. F. W. Sundblad. 1,922,987; Aug. 15.
- Charging machine. C. D. Barr, S. D. Moxley, and F. S. Houghton. 1,906,511; May 2.
- Charging means for centrifugal extractors, Automatic. N. R. Andrews and J. J. Neuman. 1,921,446; Aug. 8.
- Charging mechanism. E. A. Smith and W. H. Deery. 1,910,267; May 23.
- Charging rod. J. J. Hopfield. 1,927,548; Sept. 19.
- Charm. A. A. Dorst. Des. 90,753; Sept. 26.
- Chart. E. S. Skindzier. 1,913,640; June 13.
- Chart, Computing. W. E. Noyd. 1,925,703; Sept. 5.
- Chart, Cosmetic. N. Traub. Des. 91,000; Nov. 7.
- Chart display apparatus. F. Geiger. 1,926,526; Sept. 12.
- Chart, Display grease. D. L. Conklin. 1,904,356; Apr. 18.
- Chart, Educational. E. G. Martin. Des. 89,467; Mar. 14.
- Chart reading apparatus. J. W. Peterson. 1,911,645; May 30.
- Chart recording meter. E. Pick. 1,910,361; May 23.
- Chart, Tracing. C. Lorber. 1,920,704; Aug. 1.
- Chaser. S. F. Newman and J. G. Harper. 1,906,176; Apr. 25.
- Chaser. S. F. Newman and C. A. Reimschuessel. 1,935,297; Nov. 14.
- Chasers, Holding. E. T. Bysshe and R. R. Finn. 1,924,735; Aug. 29.
- Chassis construction. E. G. Archer. 1,933,359; Oct. 31.
- Chassis, Equalizing. J. W. Chenoweth. 1,893,695; Jan. 10.
- Chassis for automobiles, Auxiliary. W. L. Forrest. 1,917,962; July 11.
- Chassis frame and support, Combined. J. Kuchar. 1,920,571; Aug. 1.
- Chassis frame construction. E. S. MacPherson. 1,917,894; July 11.
- Chassis lubricating installation and the flow control elements thereof. J. Bijur. 1,905,335; Apr. 25.
- Chassis lubrication. J. Bijur. 1,939,653-4; Dec. 19.
- Chassis, Motor vehicle. J. F. Cook. 1,929,481; Oct. 10.
- Chassis structure. C. F. Jaeger. 1,913,053; June 6.
- Chassis support. L. A. Coleman. 1,933,162; Oct. 31.
- Check and gate valve, Combination. J. F. Blake. 1,921,280; Aug. 8.
- Check, Automatic back-roll. S. Plotkin. 1,907,574; May 9.
- Check book. M. Di Girolamo, R. H. Knaub, and W. L. Lawson. 1,912,182; May 30.
- Check device. G. W. Gregory. 1,926,850; Sept. 12.
- Check device, Automatic safety. R. Martini, Jr. 1,922,252; Aug. 15.
- Check dispenser. H. T. Kingsbury. 1,914,261; June 13.
- Check ejecting mechanism. W. L. Paden. 1,899,290; Feb. 28.
- Check, Flow. S. B. Schnitter. 1,892,906; Jan. 3.
- Check identifying machine. J. E. Edwards. 1,911,994; May 30.
- Check indorser. W. H. Lyman and P. F. Fischel. 1,924,693; Aug. 29.
- Check-issuing machine. R. H. Helsel. 1,919,652; July 25.
- Check printing and photographing machine. W. H. Lyman and E. G. Rix. 1,919,957; July 25.
- Check printing mechanism for cash registers. A. Radermacher and H. Bruckmann. 1,934,003; Nov. 7.
- Check protector. P. M. Chase. 1,936,783; Nov. 28.
- Check protector. H. F. George. 1,927,118; Sept. 19.
- Check protector. W. C. Hlering. 1,901,907; Mar. 21.
- Check protector. R. C. Smith. 1,916,538; July 4.
- Check testing mechanism. A. H. Du Grenier. 1,921,611; Aug. 8.
- Check valve, Automatic unloading. J. W. Gurley. 1,902,231; Mar. 21.
- Check valve. F. N. Bard. 1,931,918; Oct. 24.
- Check valve, Double poppet. W. N. Glab. 1,940,452; Dec. 19.
- Check writer. J. W. Carlson. 1,898,030; Feb. 21.
- Checkwriter. E. E. Phinney. 1,923,685; Aug. 22.
- Check writer. A. H. Woodward and W. E. Richmond. 1,909,141; May 16.
- Check writing and computing machine, Combined. W. B. Payne. 1,941,318; Dec. 26.
- Check-writing and numbering machine, Automatic. R. L. Muller. 1,935,274; Nov. 14.
- Checkerbrick. C. N. Hughes. 1,927,834; Sept. 26.
- Checker construction. C. G. Bigelow. 1,916,458; July 4.
- Checker support. J. C. Hayes and C. G. Bigelow. 1,916,370; July 4.
- Checkerwork. J. P. Grilli. 1,908,143; May 9.
- Checking device. H. Righetti. 1,930,490; Oct. 17.
- Checkering machine. R. J. Seiler. 1,900,203; Mar. 7.
- Checks, Apparatus for selecting metal. H. E. Wurzbach and L. H. Wadsworth. 1,907,638; May 9.
- Checks, Method of and machine for writing. I. H. Wilsey. 1,935,194; Nov. 14.
- Cheese and manufacture of holes therein. M. I. Guest. 1,898,992; Feb. 21.
- Cheese, Apparatus for curing. C. M. Gere. 1,915,487; June 27.
- Cheese cake process. L. Gutgold. 1,928,664; Oct. 3.
- Cheese cutting apparatus. J. E. Stoll. 1,935,676; Nov. 21.
- Cheese-like product made from yeast and milk-containing material and producing the same. A. G. Heideman. 1,908,512; May 9.
- Cheese mold. E. F. Kasten. 1,924,500; Aug. 29.
- Cheese, Molding. C. M. Gere. 1,915,488; June 27.
- Cheese, Packaging. C. M. Gere. 1,925,443; Sept. 5.
- Cheese pasteurizing process. F. M. Frederiksen. 1,925,093; Sept. 5.
- Cheese press. H. F. McNally. 1,926,451; Sept. 12.
- Cheese processing machine. C. A. Eckberg. 1,923,358; Aug. 22.
- Cheese, Producing crustless. F. Draibach. 1,897,892; Feb. 14.
- Cheese product and making the same. F. M. Frederiksen. 1,918,595; July 18.
- Cheese product and making the same. F. M. Frederiksen. 1,936,872; Nov. 28.

- Cheese, Ripening or curing of. H. L. H. Waters. 1,910,195; May 23.
- Cheese serviette. C. S. Keating. Des. 89,992; May 23.
- Cheese, Treating. J. Taub. 1,940,031; Dec. 19.
- Cheeses, Apparatus for treating. C. N. Davidson and L. E. Steiner. 1,935,618; Nov. 21.
- Chelidonic acid compounds. M. Dohrn and P. Diedrich. 1,919,417; July 25.
- Chemical apparatus. F. A. Canon. 1,929,624; Oct. 10.
- Chemical composition. P. Manning. 1,907,424; May 9.
- Chemical filtering device for water. K. A. Nylander and T. E. D. Bilde. 1,926,168; Sept. 12.
- Chemical heating composition and producing heat. P. F. Ziegler and H. E. Simmons. 1,910,874; May 23.
- Chemical manufacture. C. S. Glenn. 1,925,799; Sept. 5.
- Chemical process of fiber liberation, Two-step. G. A. Richter. 1,935,579; Nov. 14.
- Chemical pulp, Making. J. H. Ross, jr. 1,922,262; Aug. 15.
- Chemical pulping and refining process. G. A. Richter. 1,899,637; Feb. 28.
- Chemical pulping process. G. A. Richter. 1,915,953; June 27.
- Chemical pulping process. G. A. Richter. 1,921,539; Aug. 8.
- Chemical pulping process. G. A. Richter. 1,935,728; Nov. 21.
- Chemical reactions in gases and vapors with aid of a high tension electric arc, Producing. E. Steinbuch, M. Eschmann, and H. Schwammberger. 1,902,384; Mar. 21.
- Chemical reactions in liquid media, Conducting. M. E. Putnam. 1,921,373; Aug. 8.
- Chemical reactions, Method and apparatus for carrying out. M. C. Taylor and C. N. Richardson. 1,904,101; Apr. 18.
- Chemical resisting articles, Manufacturing. J. K. Wirth. 1,917,413; July 11.
- Chemical salts. J. A. Wyler. 1,932,434; Oct. 31.
- Chemical solutions, Revivification of and preservation of. S. Tijnstra. 1,922,224; Aug. 15.
- Chemical treatment process and apparatus. H. L. Woltenberg. 1,915,812; June 27.
- Chemicals from waste liquors, Recovering. C. L. Wagner and H. Freeman. 1,900,320; Mar. 7.
- Chemicals to boilers, Apparatus for feeding treating. E. W. Butzler. 1,934,791; Nov. 14.
- Chemigraphic materials. S. E. Sheppard and W. Vanselow. 1,939,232; Dec. 12.
- Chenille fabric, Apparatus for making. R. B. Kalbach. 1,894,468; Jan. 17.
- Chenille making machine. E. A. Neff and G. P. Rink. 1,927,292; Sept. 19.
- Chenille, Manufacturing. R. B. Kalbach. 1,896,408; Feb. 7.
- Chenille textures, Device for cutting. A. Bechtold. 1,918,369; July 18.
- Cherry pitting machine. E. A. Kent, A. Bava, and B. C. Youman. 1,930,937; Oct. 17.
- Chest. F. J. Book. 1,894,849; Jan. 17.
- Chest. E. Roos. 1,914,729; June 20.
- Chest, Cedar. E. Roos. 1,896,829; Feb. 7.
- Chest depository. C. F. Sioberg. 1,905,572; Apr. 25.
- Chest, Folding paper cedar. J. H. Winter. 1,935,601; Nov. 14.
- Chest for flatwork ironer. O. W. Johnson. 1,929,978; Oct. 10.
- Chest for foodstuffs, Cooling. J. Loeb. 1,918,046; July 11.
- Chest for silverware. J. L. Naken. 1,916,984; July 4.
- Chest, Milk bottle. A. L. Becket. 1,912,818; June 6.
- Chest of drawers, Child's. M. Hallward. Des. 89,043; Jan. 17.
- Chest of drawers or similar article. S. H. Tomlinson. Des. 90,998; Nov. 7.
- Chest or similar article, Cedar. J. Weber. Des. 90,271; July 4.
- Chick feeder. D. M. Rutherford. 1,930,184; Oct. 10.
- Chicken feeder. M. H. Keating. 1,894,772; Jan. 17.
- Chicken feeder. J. B. Olson. 1,933,926; Nov. 7.
- Chicory, Treatment of. R. E. Schanzer. 1,930,185; Oct. 10.
- Chiffonier. J. M. Guthrie. 1,908,418; May 9.
- Chill ring for pipe welding, Removable. H. C. Price and D. R. Redding. 1,922,324; Aug. 15.
- Chill ring, Removable. D. G. Dawkins. 1,901,634; Mar. 14.
- Chilling dispenser. T. A. Prendergast. 1,911,969; May 30.
- Chime. G. L. Bossard. 1,924,395; Aug. 29.
- Chimney cleaning device. D. M. Rickabaugh. 1,926,753; Sept. 12.
- Chimney flue cover. J. A. Johnson. 1,924,437; Aug. 29.
- Chimney hanger for burners. K. S. Jensen. 1,897,728; Feb. 14.
- Chimney heater. M. Leonard. 1,917,802; July 11.
- Chimney structure. C. H. Thordarson. 1,923,176; Aug. 22.
- Chimney top, Draught. J. J. Schroeder. 1,940,566; Dec. 19.
- Chimney valve. F. Wille and J. P. Grilli. 1,897,781; Feb. 14.
- Chimneys, Suction stack for. L. Petrovich. 1,920,884; Aug. 1.
- Chip container. S. Roth. Des. 89,720; Apr. 25.
- Chip duster. S. Norman. 1,928,791; Oct. 3.
- Chisel, Bush. P. P. Bicknell. 1,893,355; Jan. 3.
- Chisel with hard metal cutting edge, Coal-cutting. A. Meutsch. 1,908,161; May 9.
- Chloramine, Production of. C. T. Henderson. 1,940,592; Dec. 19.
- Chlorates for blasting purposes, Treating. P. O. Björkman and L. Ivanoff. 1,899,076; Feb. 28.
- Chlorhydrins, Preparation of. L. W. Cook. 1,904,677; Apr. 18.
- Chlorhydrins, Process of manufacturing. R. M. Isham and O. Spring. 1,918,967; July 18.
- Chloride of lime, Manufacture of. A. Carughi and C. Paoloni. 1,910,001; May 23.
- Chloride, Preparation of ethylidene. G. H. Coleman. 1,900,276; Mar. 7.
- Chloride, Preparation of methyl chloride and methylene chloride. W. Berndt and O. Ernst. 1,918,371; July 18.
- Chloride, Producing vinyl. F. K. Fertsch. 1,903,894; Apr. 18.
- Chlorides, Apparatus for preparing metallic. O. V. Martin. 1,932,364; Oct. 24.
- Chlorides, Separating cuprous and ammonium. W. C. Stoesser. 1,893,969; Jan. 10.
- Chlorinated hydrocarbon liquids, Producing. F. S. Vivas. 1,920,282; Aug. 1.
- Chlorinating apparatus. W. Moschel. 1,901,524; Mar. 14.
- Chlorination products of isodibenzanthrone and manufacturing same. H. Siebenburger. 1,925,410; Sept. 5.
- Chlorine dioxide, Manufacturing. W. Becher. 1,904,190; Apr. 18.
- Chlorine from chlorides, Recovery of free. L. Rosenstein. 1,930,664; Oct. 17.
- Chlorine from gas mixtures, Recovery of. B. Uebler. 1,899,123; Feb. 28.
- Chlorine from zinc sulphate solutions, Removing. W. J. O'Brien and J. E. Drapeau, jr. 1,901,925; Mar. 21.
- Chlorine, Liquefying. J. C. Falkenberg. 1,913,628; June 13.
- Chlorine, Process and apparatus for drying. C. S. Lykes. 1,930,526; Oct. 17.
- Chloroform, Manufacture of. P. J. Carlisle. 1,915,354; June 27.
- Chock. C. F. Irish. 1,912,038; May 30.
- Chock or block, Vehicle wheel. H. A. Roihan. 1,898,896; Feb. 21.
- Chock, Wheel. R. S. Colley. 1,893,580; Jan. 10.
- Chocking device for vehicle lifts. R. L. Bacher. 1,933,446; Dec. 5.
- Chocolate and the like coating machine. A. Winkler and M. Dünneber. 1,894,077; Jan. 10.
- Chocolate, Apparatus for tempering. F. W. Greer. 1,898,771; Feb. 21.
- Chocolate bar. L. H. Sherrill. Des. 90,687-8; Sept. 12.
- Chocolate, Preparing. G. Defren. 1,897,242; Feb. 14.
- Choke. J. H. Alexander. 1,938,475; Dec. 5.
- Choke and starter switch control. F. Beal. 1,922,346; Aug. 15.
- Choke, Bottom hole. H. C. Otis. 1,916,070; June 27.
- Choke for oil wells. H. C. Otis. 1,897,935; Feb. 14.
- Choke for oil wells, Button hole. L. J. Black. 1,893,487; Jan. 10.
- Choke for plunger lift devices, Bottom hole. H. W. Fletcher. 1,932,962; Oct. 31.
- Choke plug. E. A. Work. 1,919,408; July 25.
- Choker. E. R. Penick. 1,915,867; June 27.
- Choker. D. D. Tibbs. 1,926,413; Sept. 12.
- Choline derivative and making same, New. O. Dalmer and C. Diehl. 1,894,162; Jan. 10.
- Chondroitin compounds, Preparation of. A. E. Meyer. 1,929,786; Oct. 10.
- Chopper and cultivator, Cotton. C. V. Jones. 1,899,806; Feb. 28.
- Chopper, Cotton. C. J. Johnson. 1,895,665; Jan. 31.
- Chopper, Cotton. W. A. Lierman and Z. B. Jones. 1,936,135; Nov. 21.
- Chopper, Cotton. E. T. Nowell. 1,909,307; May 16.
- Chopper, Food. L. Panzer. 1,930,768; Oct. 17.
- Chopper, Food. H. Rosenthal. 1,940,327; Dec. 19.
- Chopping machine. R. B. Taylor. 1,931,211; Oct. 17.
- Chopper, Meat. A. Jahn. 1,906,609; May 2.
- Chopper, Meat. C. F. Lindgren. 1,902,653; Mar. 21.
- Christmas tree base. B. F. Muldoon. 1,914,150; June 13.
- Christmas tree holder. T. J. Fegley and G. O. Leopold. 1,900,807; Mar. 7.
- Christmas tree stand. G. B. Noland. 1,923,794; Aug. 22.
- Christmas tree stand. A. Peshout. 1,894,473; Jan. 17.
- Christmas tree support. F. J. and H. C. Gustafson. 1,898,300; Feb. 21.
- Chromates, Producing. J. J. Vetter. 1,901,939; Mar. 21.
- Chromatic flicker in projection apparatus, Device for the elimination of. F. Dorel and E. E. Bellier. 1,922,934; Aug. 15.
- Chrome and similar steels, Process and apparatus for making. K. M. Simpson. 1,925,940; Sept. 5.
- Chrome scale softening process. T. E. Dunn, D. B. Lake, and E. T. Youd. 1,919,624; July 25.
- Chromium alloy manufacture, Corrosion resistant. J. Johnston. 1,916,054; June 27.
- Chromium and chromium alloys, Refining. E. Liebreich. 1,928,294; Sept. 26.
- Chromium compounds from chromium alloys, Making hexavalent. M. J. Udy. 1,926,758; Sept. 12.
- Chromium, Electro-depositing. W. S. Eaton. 1,917,188; July 4.
- Chromium, Electrodepositing. C. G. Fink. 1,904,432; Apr. 18.

- Chromium, Electrodepositing. C. G. Fink and H. D. McLeese. 1,928,284; Sept. 26.
- Chromium oxide and chromium hydroxide, Manufacture of. R. Caspari. 1,893,761; Jan. 10.
- Chromium plated articles and making the same. G. L. Moore. 1,923,790; Aug. 22.
- Chromium plating. E. M. Jones. 1,918,605; July 18.
- Chromium plating. W. L. Pinner. 1,909,710; May 16.
- Chromium plating process. W. M. Phillips. 1,903,130; Mar. 28.
- Chromium, Producing. W. Rohn. 1,915,243; June 20.
- Chromium steel, Making. K. M. Simpson. 1,939,795; Dec. 19.
- Chrysanthemum. A. Cumming, jr. Pl. Pt. 58; Mar. 21.
- Chrysanthemum. J. and F. L. Wheeler. Pl. Pt. 64.
- Chrysanthemum, Single. R. Shibuya. Pl. Pt. 75-6; Sept. 26.
- Chuck. F. J. Bechert. 1,918,955; July 18.
- Chuck. F. J. Bechert. 1,939,644; Dec. 19.
- Chuck. G. A. Englund. 1,940,405; Dec. 19.
- Chuck. A. P. Fox. 1,913,982; June 13.
- Chuck. M. P. Hubbell. 1,894,515; Jan. 17.
- Chuck. W. F. Huck. 1,912,201; May 30.
- Chuck. T. J. Hudson. 1,900,934; Mar. 14.
- Chuck. D. E. Johnson. 1,926,725; Sept. 12.
- Chuck. A. G. Lundin. 1,935,644; Nov. 21.
- Chuck. H. T. Mattern. 1,900,188; Mar. 7.
- Chuck. J. Mehren. 1,908,777; May 16.
- Chuck. E. A. Normand. 1,921,694-5; Aug. 8.
- Chuck. S. W. Parsons and G. R. Dahlman. 1,906,714; May 2.
- Chuck. C. H. Schurr. 1,906,424; May 2.
- Chuck. R. R. Searles. 1,931,327-8; Oct. 17.
- Chuck. R. R. Searles. 1,938,356; Dec. 5.
- Chuck. H. E. Sloan and G. A. Higberg. Re18,787; Apr. 4.
- Chuck. W. M. Snyder. 1,939,147; Dec. 12.
- Chuck. H. E. Tautz. 1,930,022; Oct. 10.
- Chuck. H. A. Tomkins. 1,938,409; Dec. 5.
- Chuck. L. K. Warman. 1,918,439; July 18.
- Chuck. S. Webb. 1,915,705; June 27.
- Chuck adapted. G. S. Varcoe and E. A. Purdy. 1,930,669; Oct. 17.
- Chuck, Air. J. C. Crowley. 1,918,689; July 18.
- Chuck, Air. S. T. Williams. 1,905,777; Apr. 25.
- Chuck and chuck indexing mechanism. S. W. Mathias. 1,912,339; May 30.
- Chuck and gauge, Combined air. J. Wahl. 1,933,610; Nov. 7.
- Chuck and loading apparatus therefor. W. D. Schmidt. 1,915,005; June 20.
- Chuck and tire former, Collapsible. A. J. Dexter. 1,913,374; June 13.
- Chuck, Automatic. A. G. Lundin. 1,907,553; May 9.
- Chuck collet. O. M. Müller. 1,929,285; Oct. 3.
- Chuck, Drill. S. Baader. 1,909,799; May 16.
- Chuck for billets and the like, Automatic. G. W. Lentz. 1,932,185; Oct. 24.
- Chuck for centrifugal casting machines. L. A. Camerota. 1,902,301; Mar. 21.
- Chuck for drills, Four jaw. K. Hässner. 1,927,981; Sept. 26.
- Chuck for holding bar stock and the like. E. H. Benford. 1,924,301; Aug. 29.
- Chuck for nut tapping machines. S. Barber. 1,901,579; Mar. 14.
- Chuck for tapping machines, Floating. W. D. Rigney. 1,904,883; Apr. 18.
- Chuck, Hydraulic. C. W. Olson. 1,924,109; Sept. 5.
- Chuck operating device, Automatic. F. Krejci. 1,894,773; Jan. 17.
- Chuck, Quick-change. K. Hässner. 1,929,869; Oct. 10.
- Chuck, Stop. A. G. Lundin. 1,935,645; Nov. 21.
- Chucking device. W. F. Groene. 1,934,975; Nov. 14.
- Chucking machine. A. J. Lewis. 1,900,387; Mar. 7.
- Chucking machine, Multiple. A. J. Lewis. 1,911,632; May 30.
- Chucking mechanism. H. E. Sloan and G. A. Highberg. 1,906,490; May 2.
- Church. R. N. Wall. Des. 90,519; Aug. 15.
- Churn, Electric butter. G. R. T. Williams. 1,900,626; Mar. 7.
- Chute actuating mechanism, Discharge. E. Tranaas. 1,896,987; Feb. 7.
- Chute, Articulated. G. Manierre. 1,934,939; Nov. 14.
- Chute, Crushed ice. A. L. Blattl. 1,897,295; Feb. 14.
- Chute, Dirt. F. A. Davidson. 1,898,343; Feb. 21.
- Chute, Mail. J. W. Cutler. 1,895,069; Jan. 24.
- Chute, Mail. S. V. Van Riper. 1,907,906; May 9.
- Chute, Mail sorting. J. W. Cutler. 1,929,109; Oct. 3.
- Chute rake and ordering device. J. A. Lidberg. 1,929,146; Oct. 3.
- Cigar and cigarette holder. A. Anzelewitz. 1,904,814; Apr. 18.
- Cigar and cigarette holder. C. H. Burnett. 1,893,269; Jan. 3.
- Cigar and cigarette holder. R. Hirsch. 1,907,338; May 2.
- Cigar and cigarette lighter. F. C. Copeland. 1,919,159; July 18.
- Cigar and cigarette lighter. E. M. Soreng. Des. 90,300; July 11.
- Cigar and making same. M. S. Kayner. 1,924,993; Aug. 29.
- Cigar box. G. H. Snyder. 1,897,868; Feb. 14.
- Cigar box hinge. S. C. Kling. 1,920,568; Aug. 1.
- Cigar bunching machine. K. E. Granstedt. 1,906,152; Apr. 25.
- Cigar cutting machine. S. Marino and A. Chalmers. 1,935,408; Nov. 14.
- Cigar enveloping machine. H. H. Wheeler. 1,899,174; Feb. 28.
- Cigar fillers, Apparatus for manufacturing. F. H. B. Stelzer. 1,941,060; Dec. 26.
- Cigar handling machine. F. X. Malocsay. 1,905,728; Apr. 25.
- Cigar handling machine. F. X. Malocsay. 1,906,700; May 2.
- Cigar head knurling and punching device. F. J. Somerville. 1,916,774; July 4.
- Cigar heading device. J. F. Halstead. 1,899,194; Feb. 28.
- Cigar perforator. A. E. Kivikink. 1,910,342; May 23.
- Cigar transferring device. R. J. Beutel and P. Peterson. 1,899,179; Feb. 28.
- Cigar vending machine. C. H. Eckmann. 1,896,137; Feb. 7.
- Cigar wrapper and making the same. H. Radzinsky. 1,893,523; Jan. 10.
- Cigar wrapping mechanism. J. F. Halstead. 1,915,277; June 27.
- Cigarette. A. H. Low. 1,905,416; Apr. 25.
- Cigarette. W. A. Norris. 1,911,711; May 30.
- Cigarette. W. W. Sharp. 1,926,564; Sept. 12.
- Cigarette. T. Siampos. 1,907,271; May 2.
- Cigarette and cigar extinguisher. C. O. Everhart and R. L. Sanford. 1,931,068; Oct. 17.
- Cigarette and cigar holder. G. Caltabiano. 1,909,486; May 16.
- Cigarette and cigar holder. J. A. Collins. 1,915,405; June 27.
- Cigarette and cigarette paper manufacture. L. P. and W. P. Schweitzer. 1,909,924; May 16.
- Cigarette and match box, Combined. W. Knaebel. 1,895,574; Jan. 31.
- Cigarette and match dispenser, Combined. A. A. Wolf. 1,935,600; Nov. 14.
- Cigarette and match pack. J. C. Leukhardt, jr. 1,918,476; July 18.
- Cigarette and match package. A. P. Beebe. 1,927,200; Sept. 19.
- Cigarette case. C. J. Lagerholm. 1,930,854; Oct. 17.
- Cigarette case. W. Lewnes. 1,897,702; Feb. 14.
- Cigarette case. J. E. McQuillen. 1,928,759; Oct. 3.
- Cigarette case. R. E. Mudd. 1,896,008; Jan. 31.
- Cigarette case and lighter, Combination. H. Blake. 1,912,062; May 30.
- Cigarette case, Waterproof. G. Castellano and O. Esposito. Des. 90,476; Aug. 15.
- Cigarette container. A. Couplapides. 1,906,742; May 2.
- Cigarette container. L. B. Goodman. 1,903,450; Apr. 11.
- Cigarette container. A. F. Reilly. 1,934,629; Nov. 7.
- Cigarette container, igniter, and ejector. V. S. Werner. 1,917,563; July 11.
- Cigarette dispenser. F. J. Flach. 1,916,757; July 4.
- Cigarette dispenser. C. E. Wester. 1,916,453; July 4.
- Cigarette dispenser and igniter. H. R. Davidson. 1,917,952; July 11.
- Cigarette dispenser and lighter, Combination. E. M. Rauh. Des. 89,058; Jan. 17.
- Cigarette dispensing and lighting machine. S. Vernet. 1,902,599; Mar. 21.
- Cigarette dispensing device. F. R. Belt. 1,918,956; July 13.
- Cigarette dispensing device. A. Girtanner. 1,917,026; July 4.
- Cigarette dispensing device. P. Walker. 1,934,106; Nov. 7.
- Cigarette ejector. L. Rosen. 1,940,103; Dec. 19.
- Cigarette ejector and lighter. M. Conforti and E. Malerba. 1,906,134; Apr. 25.
- Cigarette extinguisher. F. W. Burns. 1,908,890; May 16.
- Cigarette extinguisher. J. C. Glomb. 1,921,874; Aug. 8.
- Cigarette extinguisher. J. X. Snadden. 1,912,598; June 6.
- Cigarette extinguisher and ash receptacle, Combined. L. W. Dickinson. 1,905,271; Apr. 25.
- Cigarette feed for packers. C. Arelt. 1,926,222; Sept. 12.
- Cigarette holder. H. E. Adams. 1,907,195; May 2.
- Cigarette holder. J. G. Halapleus. 1,936,431; Nov. 21.
- Cigarette holder. C. Johnson and R. E. Olsen. 1,915,534; June 27.
- Cigarette holder. N. A. Lanzillotti and G. Gaudio. 1,931,732; Oct. 24.
- Cigarette holder. L. Offerman. 1,896,463; Feb. 7.
- Cigarette holder. L. Ribera. 1,896,015; Jan. 31.
- Cigarette holder. M. B. Simcox. 1,898,220; Feb. 21.
- Cigarette holder. A. G. Sweet. 1,904,903; Apr. 18.
- Cigarette holder. W. B. Wansor. 1,897,409; Feb. 14.
- Cigarette holder and pipe stem. S. Segal. 1,940,189; Dec. 19.
- Cigarette holding ring. G. A. Maurette. 1,935,479; Nov. 14.
- Cigarette machine. M. P. E. Hohn. 1,893,057; Jan. 8.
- Cigarette machine. M. H. Murphree. 1,915,437; June 27.
- Cigarette machine feed. A. Podmore. 1,907,575; May 9.
- Cigarette machine, High speed. R. E. Rundell. 1,907,587; May 9.
- Cigarette machines, Traversing concave mechanism for. G. W. Gwinn. 1,916,137; June 27.
- Cigarette maker. M. T. Green. 1,929,581; Oct. 10.

- Cigarette maker, Pocket. R. D. Linthicum. 1,932,936; Oct. 31.
- Cigarette making device. J. B. Sabourin. 1,905,652; Apr. 25.
- Cigarette making machine. W. E. Molins. 1,899,628; Feb. 28.
- Cigarette making machine. W. E. Molins. 1,920,706; Aug. 1.
- Cigarette making machine. W. E. Molins. 1,920,709; Aug. 1.
- Cigarette making machine. F. F. Ruau. 1,906,014; Apr. 25.
- Cigarette making machine, Hand operated. R. N. Booth. 1,909,749; May 16.
- Cigarette making machinery. W. E. Molins and C. Best. 1,921,317; Aug. 8.
- Cigarette, match, and ash holder, Combined. W. J. Wirth. 1,924,730; Aug. 29.
- Cigarette package. J. Brunner. 1,912,967; June 6.
- Cigarette package. G. J. Calivas. 1,897,549; Feb. 14.
- Cigarette package. L. A. Gallahan. 1,937,222; Nov. 28.
- Cigarette package. E. J. Lang. 1,927,408; Sept. 19.
- Cigarette package. C. H. Mackie. 1,894,221; Jan. 10.
- Cigarette package. C. R. and C. V. Rueger. 1,932,753; Oct. 31.
- Cigarette package. A. J. Schmidt. 1,915,503; June 27.
- Cigarette package case. J. P. McEnery. 1,892,677; Jan. 3.
- Cigarette package holder. W. C. Hiering. 1,907,107; May 2.
- Cigarette package holder and opener. D. Elliott. 1,919,099; July 18.
- Cigarette package, Moisture proof. L. O. Stevenson. 1,917,402; July 11.
- Cigarette packages or the like, Adapter or attachment for. J. P. McEnery. 1,892,676; Jan. 3.
- Cigarette packaging machine. W. B. Bronander. 1,926,192; Sept. 12.
- Cigarette packing. M. P. E. Hohn. 1,915,888; June 27.
- Cigarette packing machine. G. D. Horgan. 1,939,500; Dec. 12.
- Cigarette packing machine. W. E. Molins. 1,939,512; Dec. 12.
- Cigarette-packing machine. J. Neff. 1,927,648; Sept. 19.
- Cigarette remover. L. O. Stevenson. 1,933,770; Nov. 7.
- Cigarette ring. F. R. Green. 1,906,003; Apr. 25.
- Cigarette rod former. W. B. Bronander. 1,915,513; June 27.
- Cigarette roller. H. F. Ligon. 1,925,640; Sept. 5.
- Cigarette roller. J. Ling. 1,935,366; Nov. 14.
- Cigarette rolling machine, Manually operable. P. Gay. 1,924,643; Aug. 29.
- Cigarette snuffing device and tray. A. Boller. 1,934,401; Nov. 7.
- Cigarette tobacco feeding method and machine. A. Podmore. 1,935,665; Nov. 21.
- Cigarettes and cigars, Apparatus for delivering lighted. C. W. Parker. 1,902,291; Mar. 21.
- Cigarettes and like articles, Packing. W. E. Molins and J. W. Chalmers. 1,929,148; Oct. 3.
- Cigarettes, Apparatus for directing oval. J. Neff. 1,941,219; Dec. 26.
- Cigarettes, Apparatus for sorting. M. Berger. 1,940,526; Dec. 19.
- Cigarettes, Connecting and blending. J. W. Haley. 1,931,181; Oct. 17.
- Cigarettes, Device for forming. S. L. Burrl. 1,920,955; Aug. 8.
- Cigarettes in receptacles, Apparatus for depositing groups or rows of. C. W. Muller. 1,926,554; Sept. 12.
- Cigarettes, Manufacturing. D. W. Molins. 1,920,708; Aug. 1.
- Cinematograph apparatus. S. P. Griffin and A. P. Johnson. 1,929,276; Oct. 3.
- Cinematograph for sound films. A. Shapiro. 1,918,569; July 18.
- Cinematographic and acoustic apparatus. A. A. Thomas. 1,936,043; Nov. 21.
- Cinematographic apparatus. M. Engelmann. 1,905,454; Apr. 25.
- Cinematographic apparatus. C. B. Hall. 1,914,854; June 20.
- Cinematographic apparatus. B. E. Luboshez. 1,923,907; Aug. 22.
- Cinematographic apparatus. G. A. Mitchell. 1,922,742; Aug. 15.
- Cinematographic apparatus. E. Oehmichen. 1,913,087; June 6.
- Cinematographic apparatus. H. G. Ponting and G. W. Ford. 1,932,421; Oct. 31.
- Cinematographic apparatus. F. Seufert. 1,906,818; May 2.
- Cinematographic apparatus and box, Combined. W. Winzenburg. 1,905,614; Apr. 25.
- Cinematographic apparatus and mechanism therefor. B. E. Luboshez. 1,936,114; Nov. 21.
- Cinematographic exposures, Making. S. Jelinek. 1,933,854; Nov. 7.
- Cinematographic objective. I. Kitroser. 1,897,262; Feb. 14.
- Cinematographic printing machine. A. L. V. C. Debric. 1,907,253; May 2.
- Cinematographic projector. C. E. Hillery-Collings. 1,928,427; Sept. 26.
- Circle for radio direction finders, Graduated. A. Leib. 1,921,234; Aug. 8.
- Circle suspension. B. Nord. 1,920,520; Aug. 1.
- Circuit. A. M. Radlauer. 1,912,465; June 6.
- Circuit, Alternating current. A. J. Le May. 1,898,016; Feb. 21.
- Circuit, Amplifier-filter. H. Nukiyama. 1,917,947; July 11.
- Circuit and illumination intensities of groups of electric lamps, Apparatus for controlling continuity of. R. B. Hunter. 1,906,859; May 2.
- Circuit arrangement. C. S. Franklin. 1,893,136; Jan. 3.
- Circuit arrangement. J. A. Willoughby. 1,922,650; Aug. 15.
- Circuit arrangement, Demodulating. A. Karolus. 1,935,153; Nov. 14.
- Circuit arrangement, Electron discharge device. L. A. Hyland. 1,904,142; Apr. 18.
- Circuit arrangement for an ion relay and a mechanical relay. M. Steenbeck. 1,930,829; Oct. 17.
- Circuit arrangement for operating electrostatic loud speakers. E. Reisz. 1,928,503; Sept. 26.
- Circuit arrangement for the registration of electric impulses. H. A. Wiberg. 1,917,679; July 11.
- Circuit arrangement, Modulation. A. Jaumann. 1,933,627; Nov. 7.
- Circuit arrangement, Tube transmitter. W. Buschbeck. 1,917,697; July 11.
- Circuit, Audion detector. P. O. Farnham and R. Asserson. 1,907,768; May 9.
- Circuit, Battery control. W. H. T. Holden. 1,916,316; July 4.
- Circuit, Bilateral modulator. E. Peterson. 1,901,408; Mar. 14.
- Circuit breaker. F. Aemmer. 1,935,222; Nov. 14.
- Circuit breaker. E. D. Angell. 1,939,194; Dec. 12.
- Circuit breaker. B. P. Baker. 1,932,061; Oct. 24.
- Circuit breaker. H. G. Baxter. 1,901,692; Mar. 14.
- Circuit breaker. M. W. Brainard. 1,896,764; Feb. 7.
- Circuit breaker. A. C. Crago. 1,916,418; July 4.
- Circuit breaker. W. W. Dashner. 1,899,675; Feb. 28.
- Circuit breaker. R. C. Dickinson. 1,925,865; Sept. 5.
- Circuit breaker. R. C. Dickinson. 1,927,888; Sept. 26.
- Circuit breaker. H. Gerdien, W. Jubitz and O. Geiler. 1,940,300; Dec. 19.
- Circuit breaker. S. S. Grady. 1,909,174; May 16.
- Circuit breaker. S. S. Green. 1,899,566; Feb. 28.
- Circuit breaker. W. Höpp. 1,934,467; Nov. 7.
- Circuit breaker. R. P. Jackson. 1,902,958; Mar. 28.
- Circuit breaker. C. W. Kuhn. 1,928,131; Sept. 26.
- Circuit breaker. E. D. Moore. 1,939,132; Dec. 12.
- Circuit breaker. T. E. Murray. 1,918,711; July 18.
- Circuit breaker. K. C. Randall. 1,905,501; Apr. 25.
- Circuit-breaker. L. C. Reed. 1,910,714; May 23.
- Circuit-breaker. L. C. Reed. 1,931,507; Oct. 24.
- Circuit breaker. S. Rump. 1,934,630; Nov. 7.
- Circuit breaker. W. Russell. 1,938,467; Dec. 5.
- Circuit breaker. E. A. Sauter. 1,923,889; Aug. 22.
- Circuit breaker. J. Slepian. 1,927,904; Sept. 26.
- Circuit breaker. J. Slepian. 1,932,090; Oct. 24.
- Circuit breaker. S. J. Spurgeon, H. H. Knowles, and G. N. Lemmon. 1,909,234; May 16.
- Circuit breaker. R. M. Stafford. 1,919,385; July 25.
- Circuit breaker. R. C. Van Sickle. 1,902,314; Mar. 21.
- Circuit breaker. G. E. Whitehead. 1,936,492; Nov. 21.
- Circuit breaker and changer. L. K. Wright. 1,916,942; July 4.
- Circuit breaker and indicator, Automatic reclosing. P. B. Parks and D. W. Miller. 1,922,452; Aug. 15.
- Circuit-breaker and transformer, Combined. F. G. Baum. 1,925,861; Sept. 5.
- Circuit breaker, Automatic. J. Sachs. Re18,894; July 11.
- Circuit breaker control system. A. E. Anderson. 1,893,348; Jan. 3.
- Circuit breaker control system. E. Borre. 1,899,553; Feb. 28.
- Circuit breaker control system. H. V. Nye. 1,901,406; Mar. 14.
- Circuit breaker, Electric. J. Kopelowitsch. 1,935,228; Nov. 14.
- Circuit breaker, Electric. E. B. Merriam. 1,895,935; Jan. 31.
- Circuit breaker, Electric. W. E. Paul. 1,902,463-4; Mar. 21.
- Circuit breaker, Electric. W. Turnpenny and W. F. Skeats. 1,918,151; July 11.
- Circuit breaker, Electric. W. Uebermuth. 1,910,136; May 23.
- Circuit breaker, Electric. W. B. Whitney and E. B. Wedmore. 1,923,695; Aug. 22.
- Circuit breaker for motion picture apparatus, Automatic. W. S. Jewell. 1,937,061; Nov. 28.
- Circuit breaker, Gas blast. W. Uebermuth. 1,901,679; Mar. 14.
- Circuit breaker, High voltage. L. W. Dyer and W. M. Leeds. 1,911,072; May 23.
- Circuit breaker, Nonclosable. T. B. Eastburn. 1,893,615; Jan. 10.
- Circuit breaker, Oil. C. Aalberg. 1,930,026; Oct. 10.
- Circuit breaker, Oil. J. Slepian. 1,899,643; Feb. 28.
- Circuit breaker, Oil blast. S. J. Spurgeon. 1,934,454; Nov. 7.
- Circuit breaker operating mechanism. J. W. Ow. 1,913,407; June 13.
- Circuit breaker protective system. W. Luthi. 1,919,895; July 25.

- Circuit breaker, Repeater. J. P. Medlin. 1,923,323; Aug. 22.
- Circuit breaker, Self-soldering. R. H. Maple. Re18,784; Apr. 4.
- Circuit breaker system, Automatic. W. M. Scott. 1,933,767; Nov. 7.
- Circuit breaker system, Automatic reclosing. A. E. Anderson. 1,902,483; Mar. 21.
- Circuit breaker, Thermal. G. O. Wilms. 1,935,257; Nov. 14.
- Circuit breaker, Thermostatic. R. H. Maple. Re18,816; May 2.
- Circuit breaker, Vacuum. A. Brasch and F. Lange. 1,931,475; Oct. 17.
- Circuit breaker, Vacuum. O. H. Eschholz. 1,901,639; Mar. 14.
- Circuit breaking mechanism. T. E. Murray. 1,930,485; Oct. 17.
- Circuit breakers, Automatic adjustment of. M. Morrison. 1,920,656; Aug. 1.
- Circuit breakers, Plate for. T. Lindstrom. 1,919,438; July 25.
- Circuit-breaking apparatus. L. Roebel. 1,903,476; Apr. 11.
- Circuit, Call box register. A. A. Clokey. 1,920,153; July 25.
- Circuit, Calling. H. B. Arnold and L. B. Cooke. 1,898,516; Feb. 21.
- Circuit, Calling. R. D. Gibson. 1,896,487; Feb. 7.
- Circuit, Capacitance coupling. W. A. Hillebrand. 1,914,428; June 20.
- Circuit, Cathode ray oscillograph sweep. F. G. Patterson. 1,919,985; July 25.
- Circuit closer. J. L. V., and J. B., Anderson. 1,917,481; July 11.
- Circuit closer. G. T. Ostrander. 1,899,475; Feb. 28.
- Circuit closer attachment for valves. J. M. Diegel. 1,908,891; May 16.
- Circuit closer for automatic signaling device. W. M. Parsons. 1,902,578; Mar. 21.
- Circuit closer for motor vehicles. R. F. Murakami. 1,923,578; Aug. 22.
- Circuit closing device. J. Anderson. 1,899,604; Feb. 28.
- Circuit closing device. F. L. Lee and B. H. Phillips. 1,902,085; Mar. 21.
- Circuit closing device, Electric. L. G. Beffa. 1,928,555; Sept. 26.
- Circuit closing device for series sets. H. F. Witherhead, and L. G. Handy. 1,912,236; May 30.
- Circuit closing device, Temperature actuated. H. Spiro. 1,938,119; Dec. 5.
- Circuit, Composite luminescent tube. C. M. H. Nelson. 1,913,815; June 13.
- Circuit connector, Electric. R. W. Babson. 1,915,279; June 27.
- Circuit connection for feeding energy to electric ignitors. H. Rühlemann. 1,917,814; July 11.
- Circuit, Contact protection. P. Ourieff. 1,939,019; Dec. 12.
- Circuit continuing device. H. A. Douglas. 1,928,413-4; Sept. 26.
- Circuit continuing device. H. A. Douglas. 1,939,295; Dec. 12.
- Circuit continuing device. F. J. Watts. 1,922,648; Aug. 15.
- Circuit continuity and illumination intensity control system for groups of electric lamps. R. B. Hunter. 1,906,860; May 2.
- Circuit control, Coin controlled. G. Sharpnack. 1,933,686; Nov. 7.
- Circuit control device. N. K. Engst. 1,910,155; May 23.
- Circuit control device, Electric. M. Moister. 1,926,857; Sept. 12.
- Circuit control device for automobiles. W. J. Williams. 1,935,169; Nov. 14.
- Circuit control, Electric. A. Ross. 1,903,069; Mar. 28.
- Circuit control means. V. W. Palen. 1,893,336; Jan. 3.
- Circuit control means for vertical printing presses, Power. S. Schwartzman. 1,897,592; Feb. 14.
- Circuit control, Temperature actuated electric. I. E. McCabe. 1,923,680; Aug. 22.
- Circuit, Controlled communication. W. O. Miller. 1,911,706; May 30.
- Circuit controller. O. S. Field. 1,899,894; Feb. 28.
- Circuit controller. R. W. Goff. 1,918,030; July 11.
- Circuit controller. S. S. Green. 1,897,118; Feb. 14.
- Circuit controller. S. S. Green. 1,920,029-30; July 25.
- Circuit controller. S. S. Green. 1,920,032; July 25.
- Circuit controller. C. I. Hall. 1,893,365; Jan. 3.
- Circuit controller. W. Höpp. 1,939,448; Dec. 12.
- Circuit controller. H. Smoyer. 1,897,681; Feb. 14.
- Circuit controller, Combined automatic and manual. L. P. Hutt. 1,921,126; Aug. 8.
- Circuit controller for lifting magnets. H. E. Hodgson. 1,923,311; Aug. 22.
- Circuit controller, Grid controlled mercury arc. F. W. Lyle. 1,894,994; Jan. 24.
- Circuit controller, Moisture responsive. C. J. Ulrich. 1,940,032; Dec. 19.
- Circuit-controller, Thermostatic, electric. H. B. Ackerman. 1,928,777; Oct. 3.
- Circuit controller, Thermostatically controlled. O. A. Ross. 1,918,491; July 18.
- Circuit controlling and protective device. L. J. Weber. 1,900,595; Mar. 7.
- Circuit controlling apparatus. L. S. Walle. 1,902,476; Mar. 21.
- Circuit controlling appliance, Electric. J. Sachs. 1,905,001; Apr. 25.
- Circuit controlling device. K. Becker. 1,919,052; July 18.
- Circuit controlling device. C. T. Evans. 1,916,565; July 4.
- Circuit controlling device. E. B. Nowosielski. 1,928,261; Sept. 26.
- Circuit controlling device. E. B. Nowosielski. 1,934,320; Nov. 7.
- Circuit controlling device. W. T. Welch. 1,916,593; July 4.
- Circuit controlling device. C. B. Willli. 1,902,744; Mar. 21.
- Circuit controlling means, Motor actuated. E. L. Barrett. 1,924,082; Aug. 22.
- Circuit controlling mechanism. C. I. McNeil. 1,920,096; July 25.
- Circuit controlling mechanism. C. E. Orr. 1,906,198; Apr. 25.
- Circuit controlling mechanism, Time governed. K. Mandt. 1,916,485; July 4.
- Circuit, Crystal rejector. W. S. Barden. 1,904,605; Apr. 18.
- Circuit, Discharge tube. H. Lems. 1,932,378; Oct. 24.
- Circuit, Electric. P. S. Carter. 1,909,610; May 16.
- Circuit, Electric. F. Hill. 1,939,009; Dec. 12.
- Circuit, Electric control. B. D. Bedford. 1,914,192; June 13.
- Circuit, Electric control. H. G. Brinton. 1,919,053; July 18.
- Circuit, Electric coupling. H. A. Wheeler. 1,895,091; Jan. 24.
- Circuit, Electric delay. M. L. Almquist and A. C. Thompson. 1,917,418; July 11.
- Circuit, Electric discharge tube energizing. G. Zeher and C. H. G. Mellema. 1,895,361; Jan. 24.
- Circuit, Electric phase shifting. B. D. Bedford. 1,911,051; May 23.
- Circuit, Electric translating. H. W. Lord. 1,912,003; May 30.
- Circuit, Electric valve. A. Schmidt, jr. 1,921,704; Aug. 8.
- Circuit, Electric valve. C. H. Willis. 1,937,369; Nov. 28.
- Circuit, Electrical. C. G. Smith. 1,907,598; May 9.
- Circuit, Electrical amplifier. F. H. Drake. 1,912,891; June 6.
- Circuit, Electrical communication. S. Ballantine. Re18,835; May 23.
- Circuit, Electrical control. H. L. Palmer. 1,936,407; Nov. 21.
- Circuit, Electrical regulating. B. D. Bedford. 1,914,193; June 13.
- Circuit, Excess voltage protection. A. M. Curtis. 1,937,143; Nov. 28.
- Circuit for alarm systems, Selective control. M. W. Muehter. 1,909,212; May 16.
- Circuit for amplifiers, Supply. C. W. Hansell. 1,921,858; Aug. 8.
- Circuit for electric discharge devices. J. L. Reynolds. 1,904,533; Apr. 18.
- Circuit for electrical signaling, Frequency multiplier. A. H. Taylor. 1,912,322; May 30.
- Circuit for enameling furnaces, Protective. R. D. Van Nordstrand. 1,904,580; Apr. 18.
- Circuit for frequency multipliers, Harmonic selector. W. F. Curtis. 1,930,924; Oct. 17.
- Circuit for gaseous electric discharge devices. H. A. W. Klinkhamer. 1,930,127; Oct. 10.
- Circuit for heating thermionic tubes. M. Osnos. 1,912,996; June 6.
- Circuit for interconnecting telegraph toll lines, Link. G. S. Vernam. 1,916,239; July 4.
- Circuit for outboard motors, Motor generator. A. E. Doorman. 1,915,982; June 27.
- Circuit for reducing interference. E. T. Burton. 1,917,016; July 4.
- Circuit for reducing interference. O. B. Jacobs. 1,917,035; July 4.
- Circuit for short-wave generators, Oscillation. R. Baranowsky. 1,921,448; Aug. 8.
- Circuit for storage batteries, Charging. W. C. Leingang. 1,919,891; July 25.
- Circuit for superheterodyne radioreceivers, Selective. H. T. Budenbom. 1,896,065; Feb. 7.
- Circuit for switches for automatic telephone systems, Control. C. L. Goodrum. 1,902,123; Mar. 21.
- Circuit for telegraph exchanges, Message register. A. B. Dickinson. 1,903,278; Apr. 18.
- Circuit for telegraph printers, Motor control. E. W. Hewitt and S. W. Rothermel. 1,921,990; Aug. 8.
- Circuit for three-element gaseous discharge tubes, Detector. A. Hund. 1,905,873; Apr. 25.
- Circuit for trolley cars, Electric. C. H. Tomlinson. 1,911,252; May 30.
- Circuit, Frequency-changing. F. W. Lyle. 1,922,250; Aug. 15.
- Circuit, Frequency division. R. M. Page. 1,896,417; Feb. 7.
- Circuit, Frequency translating. E. Peterson. 1,932,476; Oct. 31.
- Circuit, Gain control. R. A. Heising. 1,931,866; Oct. 24.

- Circuit, Glow lamp. M. J. Druyvesteyn. 1,899,021; Feb. 28.
- Circuit, Glow lamp. M. Osnos. 1,908,533; May 9.
- Circuit, Heater tube detector. W. v. B. Roberts. 1,907,670; May 9.
- Circuit, Impulsing. L. J. Lesh. 1,906,321; May 2.
- Circuit, Insulator heating. A. N. Crowder. 1,922,125; Aug. 15.
- Circuit, Integrating relay. M. P. Hanson. 1,933,976; Nov. 7.
- Circuit interrupter. W. M. Austin. 1,893,046; Jan. 3.
- Circuit interrupter. B. P. Baker and M. W. Brainard. 1,918,232; July 11.
- Circuit interrupter. B. P. Baker and E. G. Kees. 1,899,605; Feb. 28.
- Circuit interrupter. J. Biermanns. 1,911,052; May 23.
- Circuit interrupter. G. A. Burnham. 1,901,363; Mar. 14.
- Circuit interrupter. E. R. C. Coe and W. F. Cassidy, Jr. 1,923,708; Aug. 22.
- Circuit interrupter. A. C. Crago. 1,912,932; June 6.
- Circuit interrupter. L. W. Dyer. 1,899,612; Feb. 28.
- Circuit interrupter. F. Kesseling, W. Kaufman, and P. Duffing. 1,927,893; Sept. 26.
- Circuit interrupter. W. M. Leeds. 1,914,137; June 13.
- Circuit interrupter. G. N. Lemmon and S. J. Spurgeon. 1,937,409; Nov. 28.
- Circuit interrupter. H. J. Lingal. 1,896,779; Feb. 7.
- Circuit interrupter. R. C. Mason. 1,914,143; June 13.
- Circuit interrupter. J. Slepian. 1,910,068; May 23.
- Circuit interrupter, Electric. G. A. Juhlin. 1,902,507; Mar. 21.
- Circuit interrupter, Electric. W. E. Paul. 1,904,519; Apr. 18.
- Circuit interrupter, Fluid-break. W. K. Rankin. 1,917,155; July 4.
- Circuit interrupter, Gas blast. W. Uebermuth. 1,904,577; Apr. 18.
- Circuit interrupter, High tension. S. Ruppel. 1,898,901; Feb. 21.
- Circuit interrupter, Reclosing. F. W. Harris. 1,901,512; Mar. 14.
- Circuit interrupting apparatus. J. D. Hilliard. 1,904,463; Apr. 18.
- Circuit interrupting apparatus, Vacuum. D. C. Prince. 1,919,987; July 25.
- Circuit interruption. W. S. Edsall. 1,902,357; Mar. 21.
- Circuit interruption, Method of and apparatus for gas blast. S. Ruppel. 1,904,539; Apr. 18.
- Circuit, Lamp. R. Trucksess. 1,927,474; Sept. 19.
- Circuit, Line balancing. T. Laurent. 1,907,259; May 2.
- Circuit, Magnetic return. E. F. Northrup. 1,904,665; Apr. 18.
- Circuit maker. F. Riedel. 1,922,260; Aug. 15.
- Circuit maker and breaker. S. S. Connell. 1,926,611; Sept. 12.
- Circuit maker and breaker. F. Coursey. 1,915,406; June 27.
- Circuit maker and breaker, Fluid type. J. H. Staley. 1,940,028; Dec. 19.
- Circuit making and breaking device. A. G. Steinmayer. 1,908,567; May 9.
- Circuit making and breaking mechanism. A. F. Lake. 1,925,561; Sept. 5.
- Circuit, Motor control. J. D. Ryder. 1,924,458-9; Aug. 29.
- Circuit, Non-linear. C. G. Suits. 1,921,786; Aug. 8.
- Circuit, Oscillator. E. R. Hentschel. 1,933,979; Nov. 7.
- Circuit, Oscillator-modulator. H. A. Wheeler. 1,931,338; Oct. 17.
- Circuit panel. J. Park. 1,915,199; June 20.
- Circuit, Piezo electric crystal oscillator. R. E. Franklin. 1,934,212; Nov. 7.
- Circuit, Polar relay. C. N. Nebel. 1,921,425; Aug. 8.
- Circuit protecting device, Selective. R. Dubusc and A. D. Ilivici. 1,896,948; Feb. 7.
- Circuit protective system, Electric. L. M. Applegate. 1,901,488; Mar. 14.
- Circuit, Push-pull amplifier. F. Thorington. 1,904,103; Apr. 18.
- Circuit, Radio amplifying. W. O. Barnes. 1,940,991; Dec. 26.
- Circuit, Radio frequency transmission. W. V. Roberts. 1,910,059; May 23.
- Circuit, Radio receiver. E. Bruce. 1,913,428; June 13.
- Circuit, Radio receiving. C. R. Englund. 1,934,412; Nov. 7.
- Circuit, Radio receiving. B. V. Roberts. 1,910,500; May 23.
- Circuit, Railway track. B. E. O'Hagan. 1,914,958; June 20.
- Circuit, Reproducing. R. S. Stewart. 1,937,602; Dec. 5.
- Circuit, Resistor cell. C. F. Jenkins. Re18,756; Mar. 7.
- Circuit, Resonant. F. L. Arland. 1,896,993; Feb. 7.
- Circuit scheme for grid direct current modulation, Compensated. W. Kummerer. 1,933,631; Nov. 7.
- Circuit, Selective antenna. G. W. Gilman. 1,934,602; Nov. 7.
- Circuit, Self-biasing relay. L. G. Pollard. 1,911,133; May 23.
- Circuit, Signal shaping. F. E. A. Smets and C. F. Hansen. 1,895,774; Jan. 31.
- Circuit, Substation. J. W. Gooderham. 1,901,958; Mar. 21.
- Circuit, Supply. R. Gürtler. 1,913,543; June 13.
- Circuit, System for replacement of a defective. H. Nyquist. 1,927,989; Sept. 26.
- Circuit, Telephone station. W. C. Phebus. 1,934,736; Nov. 14.
- Circuit, Telephone substation. A. Pfeiffer. 1,907,660; May 9.
- Circuit, Transmission. H. W. Dudley. 1,907,147; May 2.
- Circuit, Transmission control. P. R. Thomas. 1,908,931; May 16.
- Circuit, Vacuum tube amplifier. V. Cousins. 1,904,272; Apr. 18.
- Circuit, Voice current repeater. E. K. Sandeman, P. R. Thomas, and C. R. Dunham. 1,924,131; Aug. 29.
- Circuit, Voice operated. H. J. Fisher. 1,939,680; Dec. 19.
- Circuit, Volume-control. C. T. Jacobs. 1,938,256; Dec. 5.
- Circuit, Wireless. C. E. G. Bailey. 1,912,617; June 6.
- Circuit, Wireless receiving. N. P. Hinton. 1,941,305; Dec. 26.
- Circuit working with high-voltage, Electric. R. Strigel. 1,899,216; Feb. 28.
- Circuitous elevator. H. D. James. 1,899,692; Feb. 28.
- Circuitous elevator. H. D. James. 1,907,971; May 9.
- Circuitous elevator. H. D. James and G. Currie. 1,905,230; Apr. 25.
- Circuitous Elevator. H. D. James and G. D. Fish. 1,905,229; Apr. 25.
- Circuitous elevator. H. D. James and H. E. White. 1,940,867; Dec. 26.
- Circuits, Amplifier. W. Hähnle. 1,940,414; Dec. 19.
- Circuits, Amplifying. W. van B. Roberts. 1,912,726; June 6.
- Circuits, Amplifying. W. van B. Roberts. 1,925,569; Sept. 5.
- Circuits and devices, Method and apparatus for testing audion tube. J. H. Miller. 1,913,766; June 13.
- Circuits, Antenna coupling. R. A. Braden. 1,897,231; Feb. 14.
- Circuits, Apparatus for interrupting alternating power. F. T. Chesnut. 1,925,994; Sept. 5.
- Circuits, Apparatus for regulating alternating current. F. Rathovszky. 1,902,466; Mar. 21.
- Circuits, Attenuating and selecting. R. E. Smith and L. A. Kelley. 1,937,796; Dec. 5.
- Circuits, Audio frequency transmission. S. D. Lavoie. 1,931,664; Oct. 24.
- Circuits by means of electrical valves, Apparatus for controlling electrical. H. Pfannenmüller. 1,929,216; Oct. 3.
- Circuits, Cascade superregenerative. W. V. Roberts. 1,910,058; May 23.
- Circuits, Cathode ray tube detector. C. W. Hansell. 1,938,331; Dec. 5.
- Circuits, Diatron. P. O. Farnham. 1,941,393; Dec. 26.
- Circuits, Electric coupling. H. A. Wheeler. 1,910,870; May 23.
- Circuits, Electric coupling. H. A. Wheeler. 1,913,693; June 13.
- Circuits, Electric translating. A. H. Mittag. 1,902,460; Mar. 21.
- Circuits, Electric translation. A. S. Fitz Gerald. 1,893,766; Jan. 10.
- Circuits, Electric valve. A. Schmidt, jr. 1,935,460; Nov. 14.
- Circuits, Electric valve. C. H. Willis. 1,935,464; Nov. 14.
- Circuits, Electrical. J. B. Dow. 1,929,413; Oct. 10.
- Circuits, Electrical high frequency. E. Green. 1,910,604; May 23.
- Circuits, Electron tube. A. B. Moulton. 1,938,664; Dec. 12.
- Circuits for photo-electric cells. W. L. Dawson. 1,894,023; Jan. 10.
- Circuits for radio sets, Supply. J. G. Aceves. Re18,916; Aug. 15.
- Circuits for space discharge devices, Control. F. B. Llewellyn. 1,893,031; Jan. 3.
- Circuits, Four wire. L. Espenschied. 1,917,960; July 11.
- Circuits in a multiconductor cable, System of signaling. A. C. Chapman. 1,931,601; Oct. 24.
- Circuits, Magnetic chuck. W. and H. Arter and S. T. Webster. 1,941,381; Dec. 26.
- Circuits, Method and apparatus for interrupting high tension. S. Ruppel. 1,898,900; Feb. 21.
- Circuits, Method of and apparatus for controlling electric. R. B. Hunter. 1,931,799; Oct. 24.
- Circuits, Negative antiresonant. M. Dolmage. 1,910,151; May 23.
- Circuits, Phase shifting. B. D. Bedford. 1,900,538; Mar. 7.
- Circuits, Phase shifting. B. D. Bedford. 1,901,694; Mar. 14.
- Circuits, Phase shifting. B. D. Bedford. 1,918,173; July 11.
- Circuits, Protection of oscillation. J. D. Wallace. 1,938,160; Dec. 5.
- Circuits, Protective system for generator field. A. J. A. Peterson. 1,905,240; Apr. 25.
- Circuits, Regulation of alternating current. F. W. Godsey, jr. 1,900,707; Mar. 7.
- Circuits, Selective. P. R. Coursey. 1,923,354; Aug. 22.
- Circuits, Selective antenna. G. W. Gilman. 1,933,669; Nov. 7.
- Circuits, Selective calling. E. O. Scriven. 1,919,046; July 18.
- Circuits, Stabilized amplifier. E. Green. 1,912,191; May 30.

- Circuits, System for testing clock setting. G. W. Janson and W. F. Callahan. 1,933,526; Oct. 31.
- Circuits, Transmission. H. M. Pruden and P. W. Wadsworth. 1,939,725; Dec. 19.
- Circuits, Tuning electric. J. F. Lindberg. 1,898,635; Feb. 21.
- Circuits, Vacuum tube. H. Nyquist. 1,940,181; Dec. 19.
- Circuits, Vacuum tube. H. I. Romnes. 1,917,064; July 4.
- Circuits, Vacuum tube. E. G. Shower. 1,927,099; Sept. 19.
- Circuits, Volume control. N. C. Norman. 1,922,602; Aug. 15.
- Circular knitting machine. W. Brewin. 1,907,341; May 2.
- Circular knitting machine. A. E. and F. R. Page. 1,925,932; Sept. 5.
- Circular weaving loom. C. Séry. 1,930,371; Oct. 10.
- Circulating system. J. A. Georgoff. 1,901,871; Mar. 21.
- Circulation control for boiler plants, Condensate. C. H. Smoot. 1,927,506; Sept. 19.
- Citrate solution. R. Pasternack and C. P. Ammerman. 1,936,364; Nov. 21.
- Clam products, Producing. P. Higgins. 1,912,772; June 6.
- Clamp: See—
- Advertising display clamp.
- Automatic turret clamp.
- Battery clamp.
- Battery post clamp.
- Battery terminal clamp.
- Bed cover clamp.
- Bedding clamp.
- Bonding clamp.
- Bus bar clamp.
- Cable clamp.
- Cable releasing clamp.
- Carpenter's clamp.
- Cloth clamp.
- Column clamp.
- Conductor clamp.
- Cross arm clamp.
- Curtain stretcher clamp.
- Electrode clamp.
- Equalizing chase clamp.
- Fire hose clamp.
- Fixed clamp.
- Form clamp.
- Furniture clamp.
- Fuse clip clamp.
- Ground clamp.
- Guy-line clamp.
- Hair waving clamp.
- Hanger clamp.
- Head rod clamp.
- Hooked clamp.
- Hose clamp.
- Clamp. G. W. Allen. 1,912,114; May 30.
- Clamp. A. H. Bassett. 1,915,009; June 20.
- Clamp. E. F. Batterman and J. Verderber. 1,921,721; Aug. 8.
- Clamp. H. G. Butt. 1,916,556; July 4.
- Clamp. H. H. Fante. 1,934,702; Nov. 14.
- Clamp. V. Di Figlia. 1,895,410; Jan. 24.
- Clamp. J. M. Handley. 1,911,274; May 30.
- Clamp. H. V. Steuernagel. 1,929,539; Oct. 10.
- Clamp. R. Wiesel. 1,919,003; July 18.
- Clamp and manufacturing same. J. M. Hargrave. 1,918,469; July 18.
- Clamp and support for flash-lights. F. R. Meglinniss. 1,901,253; Mar. 14.
- Clamp bacon hanger. J. E. Covey. 1,915,293; June 27.
- Clamp carrying machine. H. V. Steuernagel. 1,896,113; Feb. 7.
- Clamp comb hanger. J. E. Covey. 1,915,294; June 27.
- Clamp for antiskid devices. K. H. Bowen. 1,936,323; Nov. 21.
- Clamp for cables, Dead end. M. E. Noyes. 1,936,097; Nov. 21.
- Clamp for concrete forms. F. C. Wotnoske. 1,925,221; Sept. 5.
- Clamp for containers, Lid. G. I. Bohman. 1,898,934; Feb. 21.
- Clamp for duplicating machines. Pad. I. P. Simonsen. 1,928,233; Sept. 26.
- Clamp for form ties. J. A. Lynch and D. H. Sanders. 1,911,701; May 30.
- Clamp for high voltage electric live lines, Tapping. P. Freebury. 1,912,519; June 6.
- Clamp for holding dressing in fowls and the like. C. J. Parker. 1,900,613; Mar. 7.
- Clamp for needle threads, Automatic thread. A. H. Weis. 1,917,411; July 11.
- Clamp for permanent hair waving, Hair. K. G. Ströher. 1,903,249; Mar. 28.
- Clamp for pipes, Repair. C. P. Stauffer. 1,907,889; May 9.
- Clamp for plate glass racks. J. F. Johnson. 1,905,905; Apr. 25.
- Clamp for pressure cooking vessels, Cover. F. W. Burpee. 1,901,699; Mar. 14.
- Clamp for printing presses, Plate. H. A. W. Wood. 1,898,331; Feb. 21.
- Clamp for pulley belts. J. L. Forsyth. 1,918,257; July 18.
- Clamp for receptacle covers. H. G. Kuck and T. J. Abele. 1,912,850; June 6.
- Clamp for saws and the like. A. O. Shafer. 1,905,512; Apr. 25.
- Clamp for slicing machines, Meat. C. F. M. Van Berkel. 1,916,899; July 4.
- Clamp for tinting machines, Protractor. F. Macher. 1,907,329; May 2.
- Clamp for tubes, bars, and the like. A. Smallwood. 1,920,602; Aug. 1.
- Clamp for use in structural iron, Pipe or conduit. F. J. Vowinkel. 1,893,116; Jan. 3.
- Clamp for wall tubes, Tie. E. G. Bailey and R. Shellenberger. 1,909,448; May 16.
- Clamp for weeder attachments. E. F. Doskocil. 1,941,293; Dec. 26.
- Clamp for wire fences. A. Hammer. 1,896,447; Feb. 7.
- Clamp for wire, rods, and the like. E. P. Muntz. 1,910,121; May 23.
- Clamp mechanism, Tail. R. J. Jacker. 1,908,151; May 9.
- Clamp tightening machine. J. M. Hargrave. 1,930,343; Oct. 10.
- Clamping and locking device. C. E. Rader and W. L. Stiles. 1,931,939; Oct. 24.
- Clamping and means therefor. S. D. Butterworth. 1,897,548; Feb. 14.
- Clamping bracket. R. Hetherington. 1,897,578; Feb. 14.
- Clamping bracket. E. H. Holmes. 1,918,843; July 18.
- Clamping clip. I. Leiter, née Koch. 1,917,377; July 11.
- Clamping collar. V. A. de Vulitch. 1,915,720; June 27.
- Clamping device. C. V. Beckstrom. 1,931,101; Oct. 17.
- Clamping device. A. Lindner. 1,924,742; Aug. 29.
- Clamping device. W. E. McClintock. 1,901,760; Mar. 14.
- Clamping device. P. J. McCullough. 1,922,446; Aug. 15.
- Clamping device. C. W. Morton and R. J. Dorn. 1,928,906; Oct. 3.
- Clamping device. O. E. Pease and N. G. Joseph. 1,920,130; July 25.
- Clamping device. A. W. Swanson. 1,919,812; July 25.
- Clamping device, Bolt and nut. A. D'Halloy. 1,919,205; July 25.
- Clamping device for metal forms. F. C. Wotnoske. 1,931,834; Oct. 24.
- Clamping device for tapered propeller blades. J. H. McKee. 1,928,818; Oct. 3.
- Clamping machine. W. K. McNair. 1,912,989; June 6.
- Clamping of flexible printing blocks or stereotypes on the form-cylinder of copper-plate or intaglio printing machines, Device for the. P. Gietz. 1,900,986; Mar. 14.
- Clamping tool. J. C. Bluhm. 1,935,009; Nov. 14.
- Clapper box. R. T. Hazelton. 1,896,360; Feb. 7.
- Clarifier. W. C. Laughlin. 1,935,642; Nov. 21.
- Clarifying and purifying liquids, Device for. T. E. Fry. 1,923,584; Aug. 22.
- Clasp: See—
- Garter clasp.
- Necktie clasp.
- Clasp. E. M. Feder. 1,909,821; May 16.
- Clasp. W. F. Haas. Des. 89,278; Feb. 14.
- Clasp. W. F. Haas. Des. 90,528; Aug. 22.
- Clasp. W. F. Haas. Des. 90,656; Sept. 12.
- Clasp. B. B. Manaster. 1,930,652; Oct. 17.
- Clasp. J. W. Meshko. Des. 89,782; May 2.
- Clasp. S. Rosenthal. Des. 90,454; Aug. 8.
- Clasp. B. Strahm. 1,916,540; July 4.
- Clasp. H. Wachenheimer. 1,895,952; Jan. 31.
- Clasp and tag. H. G. Govil. 1,909,101; May 16.
- Clasp, Collar. W. R. Larter. 1,918,275; July 18.
- Clasp, Collar. B. B. Manaster. Des. 90,493; Aug. 15.
- Clasp, Collar holding. W. J. Morse. 1,934,946; Nov. 14.
- Clasp for collars, etc. W. H. Averill. 1,900,686; Mar. 7.
- Clasp for supporting trousers by the shirt. N. Abraham. 1,909,561; May 16.
- Clasp, Jewelry. F. G. Haage. 1,931,437; Oct. 17.
- Clasp, Permanent wave. M. Lindsay. 1,895,418; Jan. 24.
- Classifier. F. W. MacLennan. 1,895,468; Jan. 31.
- Classifier. J. M. Mitchell. 1,934,812; Nov. 14.
- Classifier. J. V. Slade. 1,916,392; July 4.
- Classifying and separating machine. G. A. Roalfe. 1,895,771; Jan. 31.
- Classifying apparatus. H. J. Johlige. 1,941,147; Dec. 26.
- Classifying apparatus. M. A. Lissman. 1,939,710; Dec. 19.
- Classifying machine for cereals. R. B. and C. R. Schmidt, A. Cortese, and A. S. de Frenkel. 1,907,448; May 9.
- Classifying table. E. Stump. 1,902,917; Mar. 28.
- Claw coupling. A. G. v. Soden-Frauenhofen. 1,907,619; May 9.
- Clay. H. R. Rafton. 1,934,642; Nov. 7.
- Clay, Activating. F. W. Huber. 1,926,148; Sept. 12.
- Clay and other ceramic materials, Apparatus for drying. W. H. Sachs and R. T. Boris. 1,911,533; May 30.
- Clay body, Producing a cellular. T. Husain and G. A. Bole. 1,897,667; Feb. 14.
- Clay masses, Forming plastic. D. H. Rowland and K. Wetzel. 1,925,058; Aug. 29.
- Clay products, Making. E. E. Fisher and M. A. Baernstein. 1,922,083; Aug. 15.
- Clay products processing machine. E. M. Hoover. 1,935,319; Nov. 14.
- Clay slips, Working. R. M. King. 1,929,172; Oct. 3.
- Clay, Treating. D. F. McCormick. 1,930,247; Oct. 10.
- Clay tempering machine. D. Brown. 1,907,731; May 9.

- Clay, Treating adsorptive. R. B. Lebo. 1,911,830; May 30.
- Clay working and conditioning. W. Asche. 1,898,333; Feb. 21.
- Clays, Preparing. J. F. Wait. 1,907,690; May 9.
- Clean-out mechanism. W. de Back. 1,906,049; Apr. 25.
- Cleaner: See—
- Aeroplane window cleaner. House cleaner.
 - Air cleaner. Lawn cleaner.
 - Boiler cleaner. Leather cleaner.
 - Chain cleaner. Mop cleaner.
 - Clothesline cleaner. Pipe cleaner.
 - Coal cleaner. Roll cleaner.
 - Comb cleaner. Sewer cleaner.
 - Cotton cleaner. Silk cleaner.
 - Dish cleaner. Smoke cleaner.
 - Door cleaner. Suction cleaner.
 - Drain and waste pipe cleaner. Thread cleaner.
 - Drain pipe cleaner. Tooth-cleaner.
 - Drill and hole cleaner. Toy vacuum cleaner.
 - Dust mop cleaner. Tube cleaner.
 - Electrically lighted floor cleaner. Vacuum cleaner.
 - Eraser cleaner. Vacuum furnace cleaner.
 - Film cleaner. Valve guide cleaner.
 - Flexible cleaner. Water pressure cleaner.
 - Floor cleaner. Wheel lug cleaner.
 - Flue cleaner. Whirlpool cleaner.
 - Fluid cleaner. Window cleaner.
 - Gas cleaner. Windshield cleaner.
 - Gauge rod cleaner. Yarn cleaner.
- Cleaner. L. Friedman. 1,931,534; Oct. 24.
- Cleaner agitator, Suction. C. L. Shank. 1,894,361; Jan. 17.
- Cleaner and drier, Hat. H. Schlesinger. 1,913,724; June 13.
- Cleaner and dust pan, Mop. A. P. S. Naul. 1,898,887; Feb. 21.
- Cleaner and eraser, Pneumatic. J. W. Whalen. 1,932,611; Oct. 31.
- Cleaner and evenner, Meat block. V. A. Schneider. 1,895,051; Jan. 24.
- Cleaner and polisher. F. M. and A. R. Stevens. 1,927,721; Sept. 19.
- Cleaner and pump, Combination well. H. C. Yarbrough. 1,916,875; July 4.
- Cleaner for articles of metal. O. Roth, Jr. 1,923,642; Aug. 22.
- Cleaner for cake-cutting machines. J. B. Winfree, jr. 1,916,596; July 4.
- Cleaner for fluids. O. B. Goldkamp. 1,917,643; July 11.
- Cleaner for furnaces, boilers and the like. R. McCarthy. 1,917,383; July 11.
- Cleaner for furs and the like and cleaning. W. G. Haertel. 1,902,232; Mar. 21.
- Cleaner for implement wheels. E. Roddel. 1,924,626; Aug. 29.
- Cleaner for pipes, sewers, culverts, and the like. C. I. Reed. 1,921,098; Aug. 8.
- Cleaning and oiling device for oil stones. E. J. Brown. 1,898,170; Feb. 21.
- Cleaning and polishing device particularly applicable for manicure purposes. M. E. Bentley. 1,920,738; Aug. 1.
- Cleaning and polishing outfit. J. T. Miller. 1,922,255; Aug. 15.
- Cleaning and regenerating compound for electronic tubes. H. J. Miller. 1,925,076; Aug. 29.
- Cleaning and scraping method and apparatus. R. M. Zimmer. 1,930,219; Oct. 10.
- Cleaning and scrubbing machine. C. Foldessy. 1,932,208; Oct. 24.
- Cleaning apparatus. M. H. Bissell. 1,904,818; Apr. 18.
- Cleaning apparatus. F. M. Hilgerink. 1,927,495; Sept. 19.
- Cleaning apparatus. J. W. J. Masseau. 1,919,854; July 25.
- Cleaning apparatus. A. J. Raus. 1,893,844; Jan. 10.
- Cleaning apparatus, Dry. T. E. Perks. 1,940,631; Dec. 19.
- Cleaning apparatus, Dry. H. K. White. 1,909,384; May 16.
- Cleaning, Apparatus for. F. C. Mason. 1,900,122; Mar. 7.
- Cleaning apparatus for belt conveyers. I. Rund and A. Antijunti. 1,933,485; Oct. 31.
- Cleaning, Apparatus for dry. J. Gans. 1,939,971; Dec. 19.
- Cleaning apparatus, Suction. E. F. Martinet. 1,931,165; Oct. 17.
- Cleaning apparatus, Suction. E. F. Martinet. 1,931,553; Oct. 24.
- Cleaning articles, particularly metallic goods, Method and apparatus for. K. J. R. Robertson. 1,905,968; Apr. 25.
- Cleaning composition. C. G. Moore. 1,940,558; Dec. 19.
- Cleaning composition, Drainpipe. O. W. Hunter. 1,938,560; Dec. 5.
- Cleaning device. J. B. Farquhar. 1,905,163; Apr. 25.
- Cleaning device. L. W. Johnson. 1,901,518; Mar. 14.
- Cleaning device. C. E. Main. 1,928,496; Sept. 26.
- Cleaning device. O. D. Montgomery. 1,929,387; Oct. 3.
- Cleaning device. W. C. Schopp. 1,927,350; Sept. 19.
- Cleaning device, Dry. E. A. Johnson. 1,910,900; May 23.
- Cleaning device for golf balls or the like. S. A. Cogsdill. 1,920,064; July 25.
- Cleaning device for the stretching mechanism or delivery mechanism of spinning or twisting machines, Traveling. W. Schultze. 1,911,930; May 30.
- Cleaning device for waste or drain pipes. J. P. Barrere. 1,893,979; Jan. 10.
- Cleaning device, Oil well. N. W. Wickersham. 1,919,350; July 25.
- Cleaning implement. W. J. Neely. 1,929,848; Oct. 10.
- Cleaning machine. W. T. Howald, E. H. Klingelfuss, and F. P. Kenny. 1,901,647; Mar. 14.
- Cleaning machine, Dry. E. F. Jenks. 1,937,276; Nov. 28.
- Cleaning machine, Dry. R. R. Rosenbaum. 1,925,462; Sept. 5.
- Cleaning mechanism. W. G. Wallenbeck. 1,924,386; Aug. 29.
- Cleaning medium for animal and vegetable textile fibers or textile materials. C. Lüdecke and W. Wilcken. 1,927,839; Sept. 26.
- Cleaning, Method and apparatus for. J. W. Chamberlin. 1,917,096; July 4.
- Cleaning of rooms. A. Riley. 1,919,132; July 18.
- Cleaning process. F. M. Hilgerink. 1,927,496; Sept. 19.
- Cleaning system. Dry. H. E. Newell. 1,937,093; Nov. 28.
- Cleaning the human face or body, Device for. L. E. Marsh-Hunn. 1,927,462; Sept. 19.
- Cleansing agent. F. Dralsbach. 1,935,834; Nov. 21.
- Cleansing device for rock drills. G. H. Fuehrer. 1,911,947; May 30.
- Cleansing metering drums. T. Payton. 1,902,719; Mar. 21.
- Clear top extractor. L. C. Schenck. 1,908,629; May 9.
- Clearance gauge, Adjustable reamer grinding. J. C. Friend. 1,893,404; Jan. 3.
- Clearer, waxer, and tension device, Combined. J. Kaufmann. 1,903,546; Apr. 11.
- Cleat, Detachable. W. H. Albee. 1,899,300; Feb. 28.
- Cleat for sport shoes. H. W. Nester. 1,937,712; Dec. 5.
- Cleat, Roofing. J. A. Topping. 1,930,632; Oct. 17.
- Cleat, Shoe. D. Collins. 1,926,434; Sept. 12.
- Clicking machine. M. H. Ballard. 1,909,161; May 16.
- Clincher-device for stapling machines. A. H. Maynard. 1,898,678; Feb. 21.
- Clinching machine. J. H. McEvoy, jr., and E. A. Johnson and R. C. Woodward. 1,928,653; Oct. 3.
- Clinker, Preventing. F. Haas. 1,894,632; Jan. 17.
- Clinker remover. F. Valenta. 1,910,725; May 23.
- Clip: See—
- Blade clip. Pen clip.
 - Cable clip. Pen and pencil clip.
 - Channel clip. Retainer clip.
 - Clamping clip. Sheet metal clip.
 - Glazing clip. Shelf clip.
 - Film clip. Spring clip.
 - Hair clip. Storage battery clip.
 - Hair and wave clip. Tenter clip.
 - Hair curl clip. Tentering clip.
 - Hair waving clip. Wall clip.
 - Money clip. Wire clip.
 - Paper clip.
- Clip. C. J. Currier. 1,912,181; May 30.
- Clip. G. A. Schettler. 1,934,888; Nov. 14.
- Clip. W. E. Wunderlich. 1,940,283; Dec. 19.
- Clip and making the same, Floor. J. A. MacLean. 1,922,814; Aug. 15.
- Clip attachment for fountain pens and other tubular articles. A. Blenenstein. 1,939,199; Dec. 12.
- Clip consisting of a spring for cigarettes or cigars, Holding. K. Schult. 1,894,128; Jan. 10.
- Clip for attaching electric lights to Christmas trees. W. Gadke. 1,895,656; Jan. 31.
- Clip for drive chains, Retaining. N. C. Bremer. 1,933,653; Nov. 7.
- Clip for fountain pens, pencils, and the like and attaching means therefor, Fastening. G. Larsen. 1,923,269; Aug. 22.
- Clip for pen or similar article. G. Larsen. Des. 90,117; June 13.
- Clip for rails, Adjustable. T. Aurelius. 1,911,231; May 30.
- Clip for sectional silos. J. J. Rutten. 1,931,739; Oct. 24.
- Clip for sphygmomanometers and the like. E. Bandoly. 1,930,459; Oct. 17.
- Clip for use in hair waving operations, Protector. E. O. Frederics. 1,940,450; Dec. 19.
- Clip for wall board packages. C. O. Walper. 1,913,864; June 13.
- Clip for writing implements or the like. B. W. Hanle. 1,926,852; Sept. 12.
- Clip forming and closing machine, Automatic wire. H. C. Pass. 1,939,020-1; Dec. 12.
- Clip forming mechanism. G. W. Henry, jr. 1,915,229; June 20.
- Clip member, Detachable. C. L. Hall. 1,896,865; Feb. 7.
- Clip or receptacle, Cigarette supply. C. E. Wester. 1,922,996; Aug. 15.
- Clip or similar article, Pencil. R. J. Hill. Des. 89,830; May 9.
- Clip or similar article, Pencil. J. C. Hochman. Des. 89,829; May 9.
- Clip or terminal, Appliance plug. G. J. Meuer. 1,906,481; May 2.
- Clipper. I. O. Miner. 1,895,292; Jan. 24.
- Clipper attachment. L. J. Wahl. 1,908,385; May 9.

- Clipper blade control. L. J. Wahl. 1,895,183; Jan. 24.
 Clipper, Hair. A. J. Dremel. 1,939,253; Dec. 12.
 Clipper, Hair. H. Michael. 1,899,102; Feb. 28.
 Clippers, Attachment for hair. G. Adelmo. 1,928,000; Sept. 26.
 Clippers or lawn trimmer, Grass. O. E. Himan. 1,915,856; June 27.
 Clippers, Power operated hedge. J. F. Graham. 1,897,117; Feb. 14.
 Clock. C. E. Amburgey. 1,935,760; Nov. 21.
 Clock. E. L. Carlson. Des. 91,054; Nov. 21.
 Clock. C. B. Drake. 1,925,437; Sept. 5.
 Clock. A. W. Fowler. 1,929,631; Oct. 10.
 Clock. J. J. Gately. 1,898,660; Feb. 21.
 Clock. C. H. Granger. 1,928,287; Sept. 26.
 Clock. F. C. Holtz and K. W. Struck. 1,908,148; May 9.
 Clock. H. H. Rauh. 1,911,038; May 23.
 Clock. M. U. Sill. Des. 89,217; Feb. 7.
 Clock. J. O. Simpson. 1,905,655; Apr. 25.
 Clock. W. A. Spear. 1,900,311; Mar. 7.
 Clock. P. Vannini. 1,921,595; Aug. 8.
 Clock, Advertising. A. K. Vernon. 1,926,467; Sept. 12.
 Clock, Alarm. A. W. Haydon. 1,907,106; May 2.
 Clock, Alarm. A. P. Hodge. 1,932,213; Oct. 24.
 Clock, Alarm. J. F. McParlan. 1,913,498; June 13.
 Clock, Alarm. J. R. Putnam and A. W. Haydon. 1,906,716; May 2.
 Clock, Alarm. M. Schlenker. 1,932,284; Oct. 24.
 Clock, Alarm. F. Wehinger. 1,907,133; May 2.
 Clock, Alternating current. L. Hammond. 1,924,853; Aug. 29.
 Clock and barometer. Combined alarm. H. Gody. 1,913,481; June 13.
 Clock and mirror holder. J. B. Weir. 1,903,153; Mar. 28.
 Clock and radio system, Combined. A. M. Troegner. 1,905,193; Apr. 26.
 Clock and timekeeping means. A. H. Neureuther. 1,933,923; Nov. 7.
 Clock attachment, Alarm. E. Schaefer. 1,899,113; Feb. 28.
 Clock, Automatic alarm. E. L. Carlson. 1,910,983; May 23.
 Clock-bezel and mat, Combined. E. P. Wallace. 1,915,078; June 20.
 Clock block, Pliable. K. J. Tobin. 1,906,022; Apr. 25.
 Clock case. F. J. Abel. Des. 89,459-60; Mar. 14.
 Clock case. F. J. Abel. Des. 90,692; Sept. 19.
 Clock case. P. Buhrle. Des. 88,856; Jan. 3.
 Clock case. C. Canepa. Des. 89,122; Jan. 31.
 Clock case. E. L. Carlson. Des. 89,167; Feb. 7.
 Clock case. M. Covone. Des. 91,101; Nov. 28.
 Clock case. J. Gottlieb. Des. 89,587; Apr. 11.
 Clock case. J. Gottlieb. Des. 89,836; May 9.
 Clock case. H. Heile. Des. 91,240; Dec. 26.
 Clock case. A. R. Nathan. Des. 89,087; Jan. 24.
 Clock case. F. W. Pike. Des. 89,790; May 2.
 Clock case. J. P. Rainbault. Des. 91,085-6; Nov. 21.
 Clock case. K. Rettich. Des. 90,213; June 27.
 Clock case. M. Schlenker. Des. 90,091; June 6.
 Clock case. M. Schlenker. Des. 90,734-6; Sept. 19.
 Clock case. A. E. Wrench. Des. 90,749; Sept. 26.
 Clock case. A. E. Wrench. Des. 90,791-3; Sept. 26.
 Clock case and lamp, Combined. P. Buhrle. Des. 89,422; Mar. 7.
 Clock case and lamp or similar article, Combined. J. Gottlieb. Des. 89,179; Feb. 7.
 Clock case and lamp or similar article, Combined. J. Gottlieb. Des. 89,397; Mar. 7.
 Clock case and lamp or similar article, Combined. J. Gottlieb. Des. 89,556; Mar. 28.
 Clock case and lamp or similar article, Combined. J. Gottlieb. Des. 90,028; May 30.
 Clock case and lamp or similar article, Combined. A. Levy. Des. 91,172; Dec. 12.
 Clock case, Cyclometer. E. Bourquin. Des. 89,741-2; May 2.
 Clock case, Cyclometer calendar. E. Bourquin; Des. 89,743-4; May 2.
 Clock case or similar article. P. Buhrle. Des. 89,030; Jan. 10.
 Clock case or similar article. J. Gottlieb. Des. 90,764-5; Sept. 26.
 Clock case or similar article. J. Gottlieb. Des. 90,980; Nov. 7.
 Clock case or similar article. A. Levy. Des. 91,117; Nov. 28.
 Clock case or similar article. A. Levy. Des. 91,140; Dec. 5.
 Clock case or similar article. L. Rogow. Des. 90,746; Sept. 19.
 Clock casing construction. A. P. Hodge. 1,931,457; Oct. 17.
 Clock combination and carrying case therefor, Sidereal-civil. J. P. V. Heinmuller. 1,923,308; Aug. 22.
 Clock, Continuous alarm. P. V. Vandevelde. 1,904,579; Apr. 18.
 Clock control mechanism, Synchronizing. J. W. Bryce. 1,908,112; May 9.
 Clock, Electric. F. Conrad. 1,911,062; May 23.
 Clock, Electric. A. W. Fowler. 1,932,774; Oct. 31.
 Clock, Electric. W. H. Greenleaf. 1,895,923; Jan. 31.
 Clock, Electric. P. MacGahan. 1,927,895; Sept. 26.
 Clock, Electric. A. H. Neureuther. 1,913,849; June 13.
 Clock, Electric. A. F. Poole. 1,937,529; Dec. 5.
 Clock, Electric. J. R. Putnam. 1,909,073; May 16.
 Clock, Electric alarm. R. L. Tweedale. 1,934,387; Nov. 7.
 Clock, Electric time. L. Reichold. 1,898,893; Feb. 21.
 Clock, Electrically-wound. G. P. Cowles. 1,895,787; Jan. 31.
 Clock escapement, High power. P. Lux. 1,913,991; June 13.
 Clock face. A. Elkonin. Des. 90,700; Sept. 19.
 Clock face. A. Elkonin. Des. 90,874; Oct. 17.
 Clock face. P. Lux. Des. 90,724; Sept. 19.
 Clock, Game-timing. E. A. Schlueter. 1,908,452; May 9.
 Clock having means for storing and releasing energy, Synchronous. R. H. Whithead and W. E. Porter. 1,907,919; May 9.
 Clock, Hickory-dickery-dock. H. E. Norcross. 1,918,821; July 18.
 Clock illuminating mechanism. J. C. Curran. 1,938,417; Dec. 5.
 Clock, Impulse. R. F. Smith. 1,892,710; Jan. 3.
 Clock mechanism. A. L. Denniston. 1,908,964; May 16.
 Clock mechanism with error integrating stopping devices. R. H. Whitehead and W. E. Porter. 1,912,558; June 6.
 Clock movement. H. H. Riggs. 1,926,456; Sept. 12.
 Clock movement, Electric. E. Buttica. 1,933,842; Nov. 7.
 Clock on the steering element of motor vehicles, Arrangement of a. F. Bolanz. 1,931,811; Oct. 24.
 Clock or register, Meter. I. B. Limegrover. 1,936,241; Nov. 21.
 Clock or similar article. A. Levy. Des. 91,208; Dec. 19.
 Clock or the like case. E. L. Carlson. 1,939,762; Dec. 19.
 Clock, Parking. B. F. Hutches, jr. 1,905,875; Apr. 26.
 Clock, Pendulum. P. Lux. 1,928,296; Sept. 26.
 Clock, Printing. C. Battagay. 1,922,836; Aug. 15.
 Clock, Radio. L. F. Bush. 1,905,214; Apr. 25.
 Clock silencing device. J. Waldheim. 1,907,310; May 2.
 Clock, Silent alarm. T. J. Cranwill. 1,895,703; Jan. 31.
 Clock, Silent alarm. T. J. Cranwill. 1,938,135; Dec. 5.
 Clock, Striking. P. B. Reeves. 1,929,076; Oct. 3.
 Clock, Sustaining-power synchronous electric. C. H. Granger. 1,926,806; Sept. 12.
 Clock, Synchronous electric. C. H. Granger. 1,911,565; May 30.
 Clock, Synchronous motor. W. A. Spear. 1,921,847; Aug. 8.
 Clock, Synchronous motor. W. A. Spear. 1,930,288-9; Oct. 10.
 Clock system and secondary clock therefor, Synchronized. J. W. Bryce. 1,929,237; Oct. 3.
 Clock system and secondary clock therefor, Synchronized. S. H. Chamberlain, jr. 1,931,019; Oct. 17.
 Clock system, Self-regulating. A. L. Sprecker. 1,930,256; Oct. 10.
 Clock, Time. G. H. Hill. 1,910,796; May 23.
 Clock, Universal. N. Russo. 1,926,243; Sept. 12.
 Clock, Universal time. E. Heilmann. 1,927,235; Sept. 19.
 Clock, Wall. E. T. Arnault. Des. 88,849; Jan. 3.
 Clock winding mechanism. A. W. Fowler. 1,924,116; Aug. 29.
 Clockworks and bezels to clock casings, Mounting and assembly of. H. Kienzie. 1,915,096; June 20.
 Clocks, Electric wind for. L. Agostini. 1,897,830; Feb. 14.
 Closer for windows and the like, Automatic. L. V. Blue. 1,902,392; Mar. 21.
 Closet attachment, Sanitary water. F. Guidetti and G. Bontempi. 1,901,160; Mar. 14.
 Closet bowl ventilator. I. Bystrom. 1,940,163; Dec. 19.
 Closet flushing apparatus. R. Stickdonr. 1,934,336; Nov. 7.
 Closet for sick beds. H. Bruch. 1,918,896; July 18.
 Closet structure, Water. C. H. Zwermann. 1,933,518; Oct. 31.
 Closet, Water. S. Duner. 1,898,656-7; Feb. 21.
 Closing device for pressure vessels. E. Fernholz. 1,910,283; May 23.
 Closing device for sliding roofs of motor vehicles. W. Baier. 1,939,195; Dec. 12.
 Closing means, more particularly for milk cans and the like. P. Wolf. 1,922,789; Aug. 15.
 Closing mechanism for collapsible tubes. K. Kiefer. 1,939,502; Dec. 12.
 Closure. M. B. Andrie. 1,896,271; Feb. 7.
 Closure. M. B. Andrie. 1,920,833; Aug. 1.
 Closure. J. P. Burke. 1,908,113; May 9.
 Closure. A. H. Cipullo. 1,901,551; Mar. 14.
 Closure. C. R. Crary. 1,915,407; June 27.
 Closure. J. H. Mosel. 1,895,169; Jan. 24.
 Closure. J. S. Reid. 1,903,389; Apr. 4.
 Closure. J. S. Reid. 1,925,280; Sept. 5.
 Closure. S. K. Smith. 1,896,804; Feb. 7.
 Closure. L. K. Snell. 1,903,391; Apr. 4.
 Closure. L. K. Snell. 1,922,112; Aug. 15.
 Closure. C. M. Villanyi. 1,937,000; Nov. 28.
 Closure. F. S. Zaiser. 1,916,707; July 4.
 Closure and loading head for oil tank cars, Combined permanent. J. Simpson. 1,914,464; June 20.
 Closure and lock. A. Johnson. 1,903,765; Apr. 18.
 Closure and mounting, Vehicle unloading. E. F. Herbert. 1,895,325; Jan. 24.
 Closure, Bottle. C. R. Webber. 1,918,307; July 18.
 Closure cap. F. C. Cruze. 1,924,308; Aug. 29.
 Closure cap. W. Jay. 1,898,373; Feb. 21.
 Closure cap. K. E. Stant. 1,923,336-7; Aug. 22.
 Closure cap. K. E. Stant. 1,936,888; Nov. 28.

- Closure cap for paper milk bottles. L. B. Koch. 1,895,575; Jan. 31.
- Closure cap for receptacles and the like. E. S. Cornell, Jr. 1,911,181; May 30.
- Closure cap or similar article. J. R. Fleisch. Des. 90,649; Sept. 12.
- Closure cap or similar article. L. A. von Till. Des. 89,809; May 2.
- Closure cap securing attachment for containers. J. W. Kaye. 1,912,277; May 30.
- Closure cap securing device for containers. J. W. Kaye. 1,924,242; Aug. 29.
- Closure, Collapsible tube. R. N. Ellis. 1,897,043; Feb. 14.
- Closure, Container. J. M. Young. 1,920,287-8; Aug. 1.
- Closure device. J. W. Shera. 1,901,196; Mar. 14.
- Closure device for bottles, jars, and the like, Manufacture of. W. A. Stephens. 1,938,503; Dec. 5.
- Closure device for containers of volatile liquids, Safety. J. E. Simmonds and C. Peterson. 1,933,486; Oct. 31.
- Closure device for paper receptacles. C. Ristow. 1,913,213; June 6.
- Closure fastener. J. B. Ruegg. 1,920,595; Aug. 1.
- Closure fastener. W. B. Trueman. 1,905,320; Apr. 25.
- Closure fastener. C. A. Warg. 1,935,492; Nov. 14.
- Closure fastener operator. C. H. De Werth. 1,899,234; Feb. 28.
- Closure fastening and locking means. H. H. Kistner. 1,899,466; Feb. 28.
- Closure, for books and similar articles. A. Elsner. 1,923,081; Aug. 22.
- Closure for bottles and other containers. J. S. Cohen. 1,932,333; Oct. 24.
- Closure for coin slots. A. Kennedy. 1,928,624; Oct. 3.
- Closure for collapsible containers. S. Belsey and P. Casin. 1,938,413; Dec. 5.
- Closure for collapsible tubes. D. E. Dunlap. 1,919,712; July 25.
- Closure for collapsible tubes. J. M. Hamilton. 1,935,089; Nov. 14.
- Closure for collapsible tubes. C. W. Johnson. 1,922,204; Aug. 15.
- Closure for collapsible tubes. C. R. Miller. 1,909,209; May 16.
- Closure for collapsible tubes. R. E. Nichols. 1,911,284; May 30.
- Closure for collapsible tubes. W. S. Sillocks. 1,914,584; June 20.
- Closure for collapsible tubes. C. D. Spiller. 1,917,670; July 11.
- Closure for collapsible tubes. W. B. Stewart. 1,914,221; June 13.
- Closure for collapsible tubes and the like. C. J. Jesnig. 1,920,199; Aug. 1.
- Closure for concrete mixers. J. Eggert. 1,919,212; July 25.
- Closure for containers. G. W. Bailey. 1,909,246; May 16.
- Closure for containers. A. J. Chamberlain. 1,901,581; Mar. 14.
- Closure for containers. A. B. Dodge. 1,907,254; May 2.
- Closure for containers. L. Huffman. 1,931,762; Oct. 24.
- Closure for containers. A. F. Kroen. 1,904,739; Apr. 18.
- Closure for containers. R. H. Mergentheim. 1,931,991; Oct. 24.
- Closure for containers. W. J. Simmons. 1,926,311; Sept. 12.
- Closure for containers, Friction. H. E. Householder. 1,922,953; Aug. 15.
- Closure for containers, Nonremovable. J. C. Munk and M. Zirmer. 1,926,300; Sept. 12.
- Closure for cylinders. M. E. Crowell and T. W. Smith. 1,933,969; Nov. 7.
- Closure for dry powder dispensing cans. O. Wilson. 1,926,186; Sept. 12.
- Closure for fiber tubes. H. Lippitt and E. W. Bobie. 1,935,367; Nov. 14.
- Closure for filler necks and the like. M. B. Andrie. 1,896,272; Feb. 7.
- Closure for locomotive cab windows. T. C. Craven. 1,905,369; Apr. 25.
- Closure for metal containers. E. Rosenbluth. 1,903,011; Mar. 28.
- Closure for metal drums or the like. E. B. Poke. 1,919,597; July 25.
- Closure for metallic barrels or containers. E. Rosenbluth. 1,903,012; Mar. 28.
- Closure for metallic containers. C. T. Draper. 1,914,409; June 20.
- Closure for metallic containers, Removable. C. T. Draper. 1,915,299; June 27.
- Closure for radiator necks and the like. M. B. Andrie. 1,929,464; Oct. 10.
- Closure for radiators and the like. A. V. Henst. 1,896,309; Feb. 7.
- Closure for radiators and the like. L. A. Jarvis. 1,907,546; May 9.
- Closure for radiators and the like. F. C. Ruppel. 1,896,329-30; Feb. 7.
- Closure for radiators, gasoline tanks, and the like. M. B. Andrie. 1,919,189; July 25.
- Closure for radiators, tanks, and the like. A. V. Henst. 1,915,633; June 27.
- Closure for receptacles. J. L. Pardue. 1,901,982; Mar. 21.
- Closure for tanks. A. M. Ellis. 1,910,282; May 23.
- Closure for tanks or radiators. W. R. Wiley. 1,914,227; June 18.
- Closure for truck mixers, Rear. C. F. Ball and A. E. Miller. 1,918,205; July 11.
- Closure for tubes. L. Gruber. 1,911,616; May 30.
- Closure for vessels. W. A. Ramsay. 1,899,210; Feb. 28.
- Closure having a self-sealing orifice for collapsible tubes. W. E. Oppel. 1,909,627; May 16.
- Closure hold device. C. Greene. 1,922,676; Aug. 15.
- Closure-holding and return spring. W. J. Hyde. 1,903,923; Apr. 18.
- Closure latch. N. A. Mears. 1,923,873; Aug. 22.
- Closure means for coking retorts. G. Goetz. 1,933,729; Nov. 7.
- Closure means for pressure containers. J. Price. 1,931,679; Oct. 24.
- Closure means for tin boxes. E. Schmidt. 1,925,503; Sept. 5.
- Closure means for tins. E. Schmidt. 1,919,574; July 25.
- Closure means or cap for pumps. E. E. Greve. 1,929,310; Oct. 3.
- Closure member and forming and applying. L. G. Cope-man. 1,916,857; July 4.
- Closure member for tube sheets, Removable. C. K. Bennett. 1,939,034; Dec. 12.
- Closure, Molded. G. K. Scribner. 1,916,693; July 4.
- Closure operating and locking device. P. R. Forman. 1,901,711; Mar. 14.
- Closure operating device. A. S. Katz. 1,908,984; May 16.
- Closure operating device. T. B. Mattingly. 1,903,056; Mar. 28.
- Closure operating mechanism. J. E. Bancroft. 1,928,611; Oct. 3.
- Closure operating mechanism. J. E. Biery. 1,897,000; Feb. 7.
- Closure operating mechanism. E. L. Dunn. 1,911,818; May 30.
- Closure operator. F. W. Hall and G. C. Fairbairn. 1,937,955; Dec. 5.
- Closure operator and latch, Combined. G. H. Leland. 1,930,760; Oct. 17.
- Closure or stopper for barrels and other containers. H. A. Rishel. 1,907,120; May 2.
- Closure, Protective. C. A. Scheeler. 1,924,330; Aug. 29.
- Closure, Receptacle. B. F. Freeman. 1,919,695; July 25.
- Closure, Removable. H. J., L. W., and W. J. Luff. 1,911,455; May 30.
- Closure retainer. J. M. Schumann. 1,934,334; Nov. 7.
- Closure retaining mechanism. W. H. Smith. 1,940,027; Dec. 19.
- Closure-sealing apparatus. D. Stern. 1,930,325; Oct. 10.
- Closure structure. L. K. Snell. 1,928,913; Oct. 3.
- Closure, Tank dome. V. Willoughby. 1,900,627-8; Mar. 7.
- Closure, Two-piece jar. J. J. Williams. 1,920,286; Aug. 1.
- Closure with valve for bottles or the like. A. J. Eilan. 1,920,068; July 25.
- Closures, Apparatus for the manufacture of receptacle. W. A. Stephens. 1,919,578; July 25.
- Closures for bottles and like receptacles. P. Van Cleef. 1,913,526; June 13.
- Closures for paper containers, Method and apparatus for forming. G. Meyer-Jagenberg. 1,933,180; Oct. 31.
- Closures, Making. B. Cohn. 1,921,808; Aug. 8.
- Closures, Rolling light-tight. C. Traut. 1,925,578; Sept. 5.
- Closures, Slider operating. A. V. Raymond. 1,896,012; Jan. 31.
- Cloth, Apparatus for festooning. E. C. Richardson. 1,919,747; July 25.
- Cloth, Apparatus for producing woven wire. F. F. Schmiege. 1,898,692; Feb. 21.
- Cloth board. C. M. Butler. 1,910,589; May 23.
- Cloth clamp. H. W. Butterworth, Jr. 1,909,806; May 16.
- Cloth construction. J. Marcus. 1,928,838; Oct. 3.
- Cloth cutting and severing machine. Rotary. H. A. Meyer and L. J. Bloch. 1,919,899; July 25.
- Cloth cutting machine. W. Bangser. 1,940,483; Dec. 19.
- Cloth cutting machine. H. E. Jacques. 1,917,889; July 11.
- Cloth cutting machine. H. Lefkowitz and G. Klein. 1,923,834; Aug. 22.
- Cloth drying apparatus. D. Gessner. 1,907,786; May 9.
- Cloth expander and guide. J. E. Roberts. 1,927,849; Sept. 26.
- Cloth expanding apparatus. W. J. Koch. 1,928,817; Oct. 3.
- Cloth finishing. H. A. Shields. 1,926,457; Sept. 12.
- Cloth forming mechanism. F. N. Ross and B. F. Everitt. 1,924,257; Aug. 29.
- Cloth inspector. J. G. Bentley. 1,930,077; Oct. 10.
- Clothlike fabric. M. J. Shoemaker. 1,898,601; Feb. 21.
- Cloth, Moistening. E. Wenzel. 1,902,429; Mar. 21.
- Cloth or fabric, Joining the ends of wire. J. R. Buchanan and T. M. Cray. 1,909,915; May 16.
- Cloth or fabric, Wire. J. R. Buchanan and T. M. Cray. 1,909,914; May 16.
- Cloth reel. G. E. B. Welles. 1,941,238; Dec. 26.
- Cloth rest, List saving. C. G. Richardson. 1,927,417; Sept. 19.
- Cloth slitting machine. R. O. Smith. 1,934,152; Nov. 7.
- Cloth, Tarnishproof. W. G. Aurand. 1,933,302; Oct. 31.
- Cloth winding board. T. F. Heath. 1,899,195; Feb. 28.
- Clothes bag. A. J. Lichtig. Re18,799; Apr. 18.
- Clothes brushing and cleaning appliance. R. C. Thompson. 1,896,128; Feb. 7.

- Clothes cleaning machine. E. G. Gettings. 1,900,927; Mar. 14.
- Clothes drier. P. F. Carter. 1,900,796; Mar. 7.
- Clothes drier. M. L. Fletcher. 1,937,646; Dec. 5.
- Clothes drier. B. E. Getz. 1,926,378; Sept. 12.
- Clothes drier reel. J. C. Michaud. 1,893,096; Jan. 3.
- Clothes drying apparatus. C. E. Azzwell. 1,933,203; Oct. 31.
- Clothes hanger. M. Bareiss. 1,915,968; June 27.
- Clothes hanger. G. F. Eckart. Des. 90,977; Nov. 7.
- Clothes hanger. J. A. Johnson. 1,917,588; July 11.
- Clothes hanger. J. C. Lindsay. 1,900,826; Mar. 7.
- Clothes hanger. P. E. Weaton. 1,896,654; Feb. 7.
- Clothes hanger. O. L. White. 1,895,695; Jan. 31.
- Clothes hanging device. N. M. Beglinger. 1,896,996; Feb. 7.
- Clothesline cleaner. E. S. Becker. 1,931,887; Oct. 24.
- Clothes line extension, Indoor. J. Monaco. 1,893,432; Jan. 3.
- Clothesline hanger. W. Lance. 1,899,467; Feb. 28.
- Clothesline holder. A. H. Endors. 1,926,975; Sept. 12.
- Clothesline lock. C. S. Becker. 1,913,789; June 13.
- Clothesline, Sectional. G. N. Fitch. 1,927,341; Sept. 19.
- Clothesline support. L. H. Werner. 1,933,235; Oct. 31.
- Clothesline supporting device. E. B. Olsen. 1,898,788; Feb. 21.
- Clothes, Method and apparatus for washing. J. C. Nelson. 1,923,580; Aug. 22.
- Clothes peg. W. Prönnecke. 1,894,121; Jan. 10.
- Clothes pin. L. G. Copeman. 1,916,856; July 4.
- Clothespin box. A. V. Stanawitz. 1,896,430; Feb. 7.
- Clothespin, Clamp. A. E. Olson. 1,899,982; Mar. 7.
- Clothespin, Rubber. P. P. Bogley. 1,905,958; Apr. 25.
- Clothespins, Mechanism for feeding. J. R. Nolan. 1,897,070; Feb. 14.
- Clothesrack. T. Ford. 1,940,746; Dec. 26.
- Clothes rack, Window. C. Sternberg. 1,905,574; Apr. 25.
- Clothes washing machine. G. H. Baldner. 1,897,414; Feb. 14.
- Clothes washing machine. P. F. Chapman. 1,897,239; Feb. 14.
- Clothes-washing machine. A. H. Labisky. 1,929,747; Oct. 10.
- Clothing container. I. Blechman. 1,895,406; Jan. 24.
- Clothing, Waterproof. G. S. Yeaton and L. Blauer. 1,921,646; Aug. 8.
- Club for use in washing linen, Rubbing. E. Jaeschke. 1,915,532; June 27.
- Club, Game playing. C. H. Buckler. 1,918,179; July 11.
- Club head. C. F. Hogelund. Des. 90,948; Oct. 31.
- Club head. C. F. Hogelund. Des. 91,070; Nov. 21.
- Club, Police. M. F. Morrissey. 1,920,519; Aug. 1.
- Cluster forming machine. J. W. Greer. 1,938,423; Dec. 5.
- Clutch: See—
- Automatic clutch. Liquid clutch.
- Automatic friction clutch. Magnetic clutch.
- Bobbin clutch. Mechanical clutch.
- Centrifugal clutch. Motor vehicle clutch.
- Coil friction clutch. Multiple disk clutch.
- Disk clutch. Overload-release clutch.
- Electrical clutch. Overrunning clutch.
- Electromagnetic clutch. Plate clutch.
- Feed clutch. Positive-action clutch.
- Floating clutch. Positive and cone clutch.
- Friction clutch. Roller clutch.
- Hydraulic clutch. Rotary clutch.
- Hydraulic or fluid clutch. Servo clutch.
- Internal expanding clutch. Spring clutch.
- Key clutch. Spring-engaged shoe
- Limit load clutch. clutch
- Clutch. G. H. Amosen. 1,938,573; Dec. 12.
- Clutch. O. H. Banker. 1,917,484; July 11.
- Clutch. W. B. Barnes. 1,915,643; June 27.
- Clutch. L. A. Bixby. 1,910,084; May 23.
- Clutch. A. A. Conway. 1,924,108; Aug. 29.
- Clutch. E. Dombret. 1,931,182; Oct. 17.
- Clutch. J. O. Fink. 1,939,888; Dec. 19.
- Clutch. W. F. Goehring. 1,903,993; Apr. 18.
- Clutch. C. O. Hanson. 1,896,707; Feb. 7.
- Clutch. S. B. Haseltine. 1,914,566; June 20.
- Clutch. R. H. Helsel. 1,919,651; July 25.
- Clutch. F. G. Hughes. 1,929,782; Oct. 10.
- Clutch. W. F. Hughes. 1,921,315; Aug. 8.
- Clutch. H. J. Kalajian. 1,910,394; May 23.
- Clutch. O. L. Lawson. 1,930,482; Oct. 17.
- Clutch. D. A. Lettini. 1,917,133; July 4.
- Clutch. A. J. Meyer. 1,912,649; June 3.
- Clutch. A. J. Meyer. 1,919,523; July 25.
- Clutch. A. Moorhouse. 1,936,685; Nov. 28.
- Clutch. C. R. Paton. 1,896,914; Feb. 7.
- Clutch. C. R. Paton. 1,896,968; Feb. 7.
- Clutch. C. R. Paton. 1,925,278; Sept. 5.
- Clutch. W. J. Pearmain. 1,923,453; Aug. 22.
- Clutch. W. C. Pitter. 1,895,678; Jan. 31.
- Clutch. W. C. Pitter. 1,902,375; Mar. 21.
- Clutch. W. G. Rueckart and E. B. Anderson. 1,895,822; Jan. 31.
- Clutch. C. A. Ruesenberg. 1,937,070; Nov. 28.
- Clutch. W. M. Ryan, C. B. Faverty, and H. F. Kolb. 1,935,459; Nov. 14.
- Clutch. C. H. Sampson. 1,921,264; Aug. 8.
- Clutch. A. Storm and T. Thorsen. 1,900,312; Mar. 7.
- Clutch. H. L. Tanner. 1,909,918; May 16.
- Clutch. H. T. Thomas. 1,921,048; Aug. 8.
- Clutch. G. F. Thomas and T. D. Leaper. 1,899,834; Feb. 28.
- Clutch. E. E. Wemp. 1,903,275; Mar. 28.
- Clutch. E. E. Wemp. 1,910,141; May 23.
- Clutch. E. E. Wemp. 1,934,109; Nov. 7.
- Clutch. E. E. Wemp. 1,935,684; Nov. 21.
- Clutch. R. T. Wise. 1,941,161; Dec. 26.
- Clutch. A. H. Wobbe. 1,922,833; Aug. 15.
- Clutch. H. Wörner. 1,928,084; Sept. 26.
- Clutch. A. T. Yates. 1,913,579; June 13.
- Clutch. G. J. Ziegler. 1,915,772; June 27.
- Clutch and brake control for vehicles, Automatic power. A. J. Vasselli. 1,928,143; Sept. 26.
- Clutch and brake control mechanism, Combination. A. Moorhouse. 1,903,378; Apr. 4.
- Clutch and brake operating mechanism, Vacuum controlled. E. O. Shreffler and A. D. Lesage. 1,903,556; Apr. 11.
- Clutch and driving pulley, Combined. W. E. Sherbondy. 1,929,454; Oct. 10.
- Clutch and transmission, Automatic friction. G. Blackstock. 1,909,607; May 16.
- Clutch and transmission mechanism for automobiles, Combined automatic. A. Rossi. 1,894,890; Jan. 17.
- Clutch booster. J. W. Hughes. 1,927,643; Sept. 19.
- Clutch construction. E. E. Wemp. 1,907,915; May 9.
- Clutch construction. E. E. Wemp. 1,910,142; May 23.
- Clutch control. C. D. Ryan. 1,930,943; Oct. 17.
- Clutch control apparatus. K. Pfeiffer and C. H. Drude. 1,909,423; May 16.
- Clutch control device for motor vehicles. E. G. Hill. 1,934,671; Nov. 7.
- Clutch control for automatic gear shifting systems, Progressive. G. Fleischel. 1,893,644; Jan. 10.
- Clutch control for twisting frames. W. J. Scott. 1,911,000; May 23.
- Clutch control mechanism. J. Hauk. 1,901,597; Mar. 14.
- Clutch control mechanism particularly for record card controlled tabulating machines. F. G. S. English. 1,938,220; Dec. 5.
- Clutch control, Oil-pressure automobile. R. H. Kress. 1,938,914; Dec. 12.
- Clutch control system, Automobile. E. H. Lange. 1,901,371; Mar. 14.
- Clutch controller with supplemental spring, Pneumatic. H. J. De N. McCollum. 1,938,080; Dec. 5.
- Clutch coupling. O. R. Schoenrock. 1,900,305; Mar. 7.
- Clutch device. H. L. Bone. 1,923,568; Aug. 22.
- Clutch device. S. N. Elliott. 1,916,786; July 4.
- Clutch device. J. F. Powell. 1,927,046; Sept. 19.
- Clutch device, Automatic. E. C. Hatcher. 1,926,483; Sept. 12.
- Clutch device, Two-way. C. D. Peterson. 1,916,893; July 4.
- Clutch device with a hydraulic servomotor. P. M. Fromaget. 1,934,850; Nov. 14.
- Clutch disk. P. A. Gregory. 1,913,802; June 13.
- Clutch disk. G. S. Lane. 1,899,872; Feb. 28.
- Clutch for hoisting drums. A. C. Benson. 1,904,350; Apr. 18.
- Clutch for machine tools, Power operated. L. F. Nenninger and B. Sassen. 1,938,780; Dec. 12.
- Clutch for motor vehicles and the like, Automatic. K. Vondra. 1,937,211; Nov. 28.
- Clutch for stokers. E. G. Baer. 1,933,157; Oct. 31.
- Clutch for transmission plate. I. Saks. 1,904,953; Apr. 18.
- Clutch for wheels and the like, Holding. E. C. Julian. 1,896,629; Feb. 7.
- Clutch gauge. H. H. Valpey. 1,935,678; Nov. 21.
- Clutch, Liquid. E. Wohlenhaus. 1,918,163; July 11.
- Clutch lock for synchronizers. H. J. Murray. 1,923,386; Aug. 22.
- Clutch lock-out device, Automatic. K. Miller. 1,926,783; Sept. 12.
- Clutch lock-out device, Automatic. H. Nutt. 1,931,675; Oct. 24.
- Clutch means. S. B. Haseltine. 1,931,655; Oct. 24.
- Clutch mechanism. W. H. Callan. 1,913,046; June 6.
- Clutch mechanism. L. J. Campbell. 1,902,990; Mar. 28.
- Clutch mechanism. G. C. File. 1,906,926; May 2.
- Clutch mechanism. O. E. Fishburn. 1,930,711; Oct. 17.
- Clutch mechanism. E. H. Fundom. 1,925,728; Sept. 5.
- Clutch mechanism. J. F. Gaylord. 1,898,949; Feb. 21.
- Clutch mechanism. H. M. Giffin. 1,939,974; Dec. 19.
- Clutch mechanism. R. G. Griffith. 1,905,090; Apr. 25.
- Clutch mechanism. J. H. Hand. 1,940,947; Dec. 26.
- Clutch mechanism. T. R. Harrison. 1,929,244; Oct. 3.
- Clutch mechanism. O. Köhler. 1,898,190; Feb. 21.
- Clutch mechanism. J. G. Vincent. 1,901,714; Mar. 14.
- Clutch mechanism. N. E. Wahlberg. 1,935,965; Nov. 21.
- Clutch mechanism. C. E. Williams. 1,925,161; Sept. 5.
- Clutch mechanism for automobile transmissions, Synchronizing. J. H. Hunt and O. Rasmussen. 1,923,380; Aug. 22.
- Clutch mechanism for high speed wire spooling machines. W. D. Pierson. 1,928,301; Sept. 26.
- Clutch mechanism for punch presses. J. W. Mathey. 1,916,324; July 4.
- Clutch mechanism for transmission gearing. H. Smith. 1,914,637; June 20.
- Clutch mechanism for use in motor vehicle transmissions. W. G. Rueckart and E. B. Anderson. 1,895,821; Jan. 31.
- Clutch mechanism, Friction. O. L. Berby. 1,907,480; May 9.

- Clutch mechanism, Friction. A. Sahli. 1,912,407; June 6.
- Clutch mechanism, Hydraulic. A. E. Nibler. 1,938,111; Dec. 5.
- Clutch mechanism, Overrunning. O. E. Fishburn. 1,899,500; Feb. 28.
- Clutch mechanism, Reversing. E. E. Greve. 1,906,790; May 2.
- Clutch mechanism, Revolving beacon. R. E. Crossley. 1,929,016; Oct. 3.
- Clutch mechanism, Safety. H. D. Waterhouse. 1,927,509; Sept. 19.
- Clutch mechanism suitable for rotatable typeheads. R. G. Griffith. 1,931,865; Oct. 24.
- Clutch mechanism, Synchronizing. J. H. Hunt. 1,923,378; Aug. 22.
- Clutch member. C. H. Drude. 1,931,065; Oct. 17.
- Clutch member. A. U. Hook and E. J. Dumm. 1,899,274; Feb. 28.
- Clutch operating device for motor vehicles. E. G. Hill. 1,905,984; Apr. 25.
- Clutch operating means. H. Jander. 1,907,972; May 9.
- Clutch operating mechanism. A. A. Hodgkins. 1,936,626; Nov. 28.
- Clutch operating mechanism. C. L. Putney. 1,909,720; May 16.
- Clutch operating mechanism for motor vehicles. E. G. Hill. 1,893,471; Jan. 3.
- Clutch or brake, Friction. G. S. Lane. 1,936,240; Nov. 21.
- Clutch or brake mechanism. G. S. Lane. 1,912,715-6; June 6.
- Clutch or brake mechanism. G. S. Lane. 1,915,793; June 27.
- Clutch or friction grip, Nonremovable. J. D. Ashley, Jr., and F. C. Menamin. 1,937,864; Dec. 5.
- Clutch parts, Assembling. G. J. Shelley. 1,941,022; Dec. 26.
- Clutch plate. C. B. Spase. 1,929,716; Oct. 10.
- Clutch plate and manufacturing the same. H. M. Richardson and C. W. Mansur. 1,928,463; Sept. 26.
- Clutch shifting mechanism for transmission gears. J. F. Gaylord. 1,926,940; Sept. 12.
- Clutch spring. W. C. Starkey. 1,932,000; Oct. 24.
- Clutch synchronizer, Springless. H. J. Murray. 1,923,385; Aug. 22.
- Clutch throw-out, Automatic. J. J. Williams and D. M. Gray. 1,909,156; May 16.
- Clutch throw-out bearing. A. Lenz and C. W. Adams. 1,930,276; Oct. 10.
- Clutch trip for film drives, Automatic. R. J. Pomeroy and C. V. Olson. 1,928,434; Sept. 26.
- Clutches and brakes, Grooved plate for. G. S. Lane. 1,898,978; Feb. 21.
- Clutches, Double inertia check for synchronizing. J. H. Hunt. 1,923,379; Aug. 22.
- Clutches for controlling motors. J. Anderson. 1,907,171; May 2.
- Clutching and speed-changing device. J. Cotal. 1,933,208; Oct. 31.
- Clutching device. V. J. J. Defays and P. J. L. Lefebvre. 1,922,931; Aug. 15.
- Clutching device. C. A. Rudovist. 1,903,943; Apr. 18.
- Coal and coke, Treating. G. P. Spencer. 1,916,539; July 4.
- Coal and composition of matter for producing same, Filmed. K. B. Stuart. 1,905,072; Apr. 25.
- Coal and other minerals, Separating. B. M. Bird. 1,897,545; Feb. 14.
- Coal and water gas process. T. Lichtenberger. 1,925,490; Sept. 5.
- Coal, Apparatus for carbonization of. E. W. Thiele. 1,899,888; Feb. 28.
- Coal breaker. G. W. Borton. 1,906,734; May 2.
- Coal briquetting equipment. E. E. Jones. 1,900,347; Mar. 7.
- Coal burner. R. E. Bressler. 1,928,167; Sept. 26.
- Coal burning device. R. E. Bressler. 1,928,166; Sept. 26.
- Coal, Carbonizing. T. E. W. Schumann. 1,901,476; Mar. 14.
- Coal cleaner. T. W. and T. J. Kent. 1,939,121; Dec. 12.
- Coal, Coking. S. W. Parr and T. E. Layng. 1,907,568; May 9.
- Coal, Coking. S. W. Parr and T. E. Layng. 1,909,421; May 16.
- Coal, Coking. E. W. Thiele. 1,899,887; Feb. 28.
- Coal, Coloring. E. V. Collins, Jr. 1,911,808; May 30.
- Coal combustion. C. M. Buck. 1,925,132; Sept. 5.
- Coal cutter. J. R. Lawson. 1,892,844; Jan. 3.
- Coal cutting machine. N. D. Levin. 1,904,488; Apr. 18.
- Coal-cutting machine. W. C. Robbins. 1,934,562; Nov. 7.
- Coal, Device for breaking down. J. F. Joy. 1,900,446; Mar. 7.
- Coal, Device for illustrating preparation of. H. Morgan. 1,921,692; Aug. 8.
- Coal distillation. A. J. A. Hérens. 1,909,956; May 23.
- Coal distillation and coke production, Plant. E. G. Weeks and W. A. Riley. 1,941,130; Dec. 26.
- Coal distillation by-product recovery system. S. P. Miller. 1,895,676; Jan. 31.
- Coal distillation plants, Operation of. S. P. Miller. 1,912,395; June 6.
- Coal, Distilling. H. Stevens. 1,938,121; Dec. 5.
- Coal, Distilling. H. Stevens. 1,938,123-4; Dec. 5.
- Coal distilling apparatus. H. S. Reed and R. D. Lamie. 1,927,219; Sept. 19.
- Coal dust furnace. G. Hayn. 1,896,139; Feb. 7.
- Coal dust-mineral dust mixtures, Testing of. M. Witte. 1,894,809; Jan. 17.
- Coal feeder. G. S. Thompson. 1,901,203; Mar. 14.
- Coal, Filming. K. B. Stuart. 1,905,073; Apr. 25.
- Coal for carbonization, Preparing. S. W. Parr and T. E. Layng. 1,907,569; May 9.
- Coal in oil, Dispersions of. R. A. Adam, F. C. V. Holmes, and A. W. Perrins. 1,939,587; Dec. 12.
- Coal loader. A. Hauge. 1,903,674; Apr. 11.
- Coal mining apparatus. N. D. Levin. 1,904,489; Apr. 18.
- Coal, oils, and similar materials, Apparatus for hydrogenating. W. R. Tate and H. P. Stephenson. 1,911,933; May 30.
- Coal or other granular material, Apparatus for feeding. S. R. Illingworth. 1,895,793; Jan. 31.
- Coal or the like, Apparatus for heating. F. Puening. 1,932,830; Oct. 31.
- Coal, Peat, wood, and the like, Apparatus for the carbonization of. C. B. Winzer. 1,929,132; Oct. 3.
- Coal, Preserving. F. J. Wallace. 1,910,975; May 23.
- Coal, Process and apparatus for carbonizing. L. C. Karick. 1,923,213; Aug. 22.
- Coal, Process and apparatus for carbonizing powdered. A. H. Davis, Jr. 1,937,552; Dec. 5.
- Coal saving spark-catcher. E. Gottschalk. 1,938,016; Dec. 5.
- Coal substitute, Manufacture of a. J. L. Marek. 1,904,833; Apr. 18.
- Coal, Treating. H. R. Fife. 1,912,697; June 6.
- Coal, Treating. H. J. Rose and W. H. Hill. 1,932,535; Oct. 31.
- Coal, Treating powdered. C. A. Jacobson. 1,940,352; Dec. 19.
- Coal, Treatment of. H. J. Rose and W. H. Hill. 1,936,882; Nov. 28.
- Coal treatment process. H. J. Rose and W. H. Hill. 1,925,005; Aug. 29.
- Coal washer and separator. R. E. Creasey. 1,937,747; Dec. 5.
- Coal washing machine. G. Norton. 1,931,390; Oct. 17.
- Coaster wheeling mechanism for motor-driven vehicles, Controlled. E. P. Maynard. 1,934,270; Nov. 7.
- Coal with oil, Treating. H. J. Rose and W. H. Hill. 1,905,060; Apr. 25.
- Coals, ores, and the like mainly composed of particles of small sizes, Process and apparatus for the treatment of. L. Hpyois. 1,912,077; May 30.
- Coals, tars, mineral oils, and the like, by hydrogenation under high pressure and at high temperature, Treating. S. Löfner. 1,893,423; Jan. 8.
- Coals, tars, mineral oils, and the like, Destructive hydrogenation of. M. Pier and K. Winkler. 1,919,857; July 25.
- Coaster and ash tray, Combined. A. E. Gundelach. Des. 90,284; July 11.
- Coaster, Antidrip. D. L. Fullerton. 1,925,241; Sept. 5.
- Coaster brake. A. J. Musselman. 1,911,461; May 30.
- Coaster, Two pedal. A. N. Cooper. 1,899,854; Feb. 28.
- Coasting brake, Automatic. J. B. Steep. 1,937,992; Dec. 5.
- Coasting machine. J. W. Cosgrove. 1,927,024; Sept. 19.
- Coat and trouser hanger. R. A. De Bucc. 1,903,277; Apr. 18.
- Coat cuff, Removable. J. L. Russo. 1,911,209; May 30.
- Coat, One-piece. S. Wester. 1,900,678; Mar. 7.
- Coat rack. W. P. De Saussure, Jr. 1,911,109; May 23.
- Coat with detachable pocket, Hunting. C. L. Mandelert. 1,905,235; Apr. 25.
- Coat, Woman's. J. Kraeler. 1,896,631; Feb. 7.
- Coated articles from a galvanizing tank, Apparatus and process for conveying. J. W. Moon. 1,906,400; May 2.
- Coated articles, Process and apparatus for treating. A. O. Austin. 1,907,034; May 2.
- Coated fabric. A. J. Hemmer. 1,934,709; Nov. 14.
- Coated fabric. E. H. Nollau and D. A. Rankin. 1,940,462; Dec. 19.
- Coating. E. M. Brogden and M. L. Trowbridge. 1,940,530; Dec. 19.
- Coating. A. J. Ducamp and M. E. A. Baule. 1,932,156; Oct. 24.
- Coating. M. Tosterud. 1,939,421; Dec. 12.
- Coating and article produced thereby. R. A. Jacobson and J. L. Keats. 1,912,372; June 6.
- Coating and coating composition. C. G. Harford. 1,902,642; Mar. 21.
- Coating and producing the same, Protective. H. A. Staples. 1,895,175; Jan. 24.
- Coating and producing the same, Protective. J. A. Staples. 1,895,176; Jan. 24.
- Coating and product thereof. W. H. Moss. 1,929,559; Oct. 10.
- Coating apparatus. J. W. Cosgrove. 1,893,161; Jan. 3.
- Coating, Applying metal. T. Liban. 1,914,269; June 13.
- Coating articles with liquid proxymyl or the like. W. C. Hampton. 1,899,387; Feb. 28.
- Coating bakery goods. C. E. Quick. 1,908,539; May 9.
- Coating by spraying. A. Krantzberger. 1,939,607; Dec. 12.
- Coating composition. J. E. Hutchman. 1,898,540; Feb. 21.
- Coating composition. J. W. Iliff and P. Robinson. 1,941,398; Dec. 26.

- Coating composition. W. E. Lawson. 1,938,662; Dec. 12.
- Coating composition. F. B. Morton. 1,894,050; Jan. 10.
- Coating composition. H. L. Trumbull and H. C. Howard. 1,906,437; May 2.
- Coating composition and film produced thereby. W. H. Moss and B. B. White. 1,902,255-6; Mar. 21.
- Coating composition and making and applying it. R. A. Jacobson and J. L. Keats. 1,912,369-70; June 6.
- Coating composition and making same, Rugous. F. B. Root. 1,900,131; Mar. 7.
- Coating composition, Cellulosic. B. N. Lougovoy. 1,913,679; June 13.
- Coating composition containing a siccative. H. A. Brunsen. 1,920,160; July 25.
- Coating composition containing cellulose ethers and film produced thereby. C. Dreyfus. 1,909,935; May 23.
- Coating composition for dry cells. J. G. Zimmerman. 1,892,691; Jan. 3.
- Coating composition for electron-emitting elements. L. McCulloch. 1,939,075; Dec. 12.
- Coating composition, Nonchalking. J. W. Gilbert. 1,914,563; June 20.
- Coating composition, Viscosity reduced. T. F. Bradley. 1,923,704; Aug. 22.
- Coating composition, Water-repellent. G. R. Enslinger. 1,915,301; June 27.
- Coating compositions. H. O. Albrecht. 1,936,534; Nov. 21.
- Coating compositions and making and applying them. R. A. Jacobson and J. L. Keats. 1,912,371; June 6.
- Coating compositions containing beta-eleostearin. C. G. Gauerke. 1,898,088; Feb. 21.
- Coating for buildings and making same. E. Poegel. 1,901,410; Mar. 14.
- Coating for molds and coating molds therewith. E. C. Emanuel. 1,909,819; May 16.
- Coating for tablets, capsules, and pills. M. Wruble. 1,907,203; May 2.
- Coating for walls of asphalt containers. P. S. Denning. 1,916,970; July 4.
- Coating, Light sensitive tropochromic. K. C. D. Hickman and L. A. Staib, jr. 1,897,843; Feb. 14.
- Coating material. F. C. Atwood. 1,898,518; Feb. 21.
- Coating machine. C. E. Barrett. 1,909,482; May 16.
- Coating machine. J. W. Cosgrove. 1,931,528; Oct. 24.
- Coating machine. J. W. Faulkner. 1,932,727; Oct. 31.
- Coating machine. A. H. Hamon. 1,913,757; June 13.
- Coating machine. C. Turner. 1,922,117; Aug. 15.
- Coating material, Antistick. J. H. Young. 1,904,341; Apr. 18.
- Coating material, Explosive. C. P. Spaeth. 1,932,050; Oct. 24.
- Coating material for casting molds. F. M. Poe. 1,901,409; Mar. 14.
- Coating materials, Weather resistant. W. Droste and M. Werner. 1,916,607; July 4.
- Coating, Method of. G. M. Brown. 1,912,885; June 6.
- Coating, Method of and apparatus for. W. Schwalbe and O. Herrmann. 1,930,666; Oct. 17.
- Coating mixture. M. J. Stoops. 1,915,391; June 27.
- Coating of structural steel, Protecting. E. Jansen. 1,895,190; Jan. 24.
- Coating on glass surfaces, Providing a transparent. K. Konishi and S. Kodama. 1,919,517; July 25.
- Coating, Plastic wall. W. H. Alton. 1,897,016; Feb. 7.
- Coating process and apparatus. C. A. Mann. 1,902,654; Mar. 21.
- Coating process and material. H. V. Dunham. 1,922,936; Aug. 15.
- Coating, Protective. L. A. Hall and E. L. Griffith. 1,914,351; June 13.
- Coating, Protective. A. W. Seymour. 1,893,599; Jan. 10.
- Coating radiant bodies. E. Harsanyi. 1,897,902; Feb. 14.
- Coating to a moving object, Apparatus for applying a liquid. L. J. B. Forbes. 1,909,260; May 16.
- Coating to metallic articles, Applying a protective. H. Klas. 1,932,699; Oct. 31.
- Coating, Wrinkle. F. B. Root. 1,896,594; Feb. 7.
- Coating, Wrinkled finish. T. F. Bradley. 1,893,611; Jan. 10.
- Coatings and making same, Metallic. H. Csanyi. 1,939,667; Dec. 19.
- Coatings, Apparatus for wiping molten metallic. J. L. Schueler. Re18,871; June 20.
- Coatings for the electric arc welding of aluminum-silicon alloys and the like, Manufacturing saline. F. de Pape. 1,936,010; Nov. 21.
- Coatings of metal and product thereof, Forming. J. G. Potter. 1,917,271; July 11.
- Coatings on aluminum. M. Tosterud. 1,900,472; Mar. 7.
- Coatings on aluminum and aluminum alloys, Production of corrosion-resistant. A. Jenny and N. Budloff. 1,936,058; Nov. 21.
- Coatings on iron and steel articles, Forming oxalate. L. P. Curtin. 1,910,593; May 23.
- Coatings on iron and steel articles, Production of protective. L. P. Curtin and B. L. Kline. 1,895,569; Jan. 31.
- Coatings on light metals, Production of anticorrosive protective. A. Jenny, H. Siebeneicher, and N. Budloff. 1,923,539; Aug. 22.
- Coatings on metal surfaces, Forming separable plated. C. E. Marker. 1,924,410; Aug. 29.
- Coatings, Preparation of metallic. H. Gockel. 1,903,860; Apr. 18.
- Coatings, Producing imitations of valuable sorts of wood and tarsla style. J. Werner. 1,893,384; Jan. 3.
- Coatings, Production of. P. S. Case. 1,909,252; May 16.
- Coatings to articles, Applying partial. T. E. Grieve. 1,932,158; Oct. 24.
- Coatings to pipes, Applying corrosion resisting. A. H. Hannon. 1,936,247; Nov. 21.
- Coatings to surfaces particularly to the surfaces of flexible strip material, Apparatus for applying. C. Bonamico. 1,929,877; Oct. 10.
- Cobalt alloy, Stain resisting. F. M. Becket. 1,904,712; Apr. 18.
- Cobalt alloy steel, Softening. C. A. Nickle. 1,936,406; Nov. 21.
- Coca alkaloids into alkylated derivatives of ecgonine and pseudo-ecgonine, Converting. A. Tirard. 1,925,472; Sept. 5.
- Cock, Agitating plunger. S. G. Rouseas. 1,923,589; Aug. 22.
- Cock and switch device, Combined. H. F. Woernley. 1,919,406; July 25.
- Cock, Ball. H. D. Clemmons. 1,901,633; Mar. 14.
- Cock, Bellows checked cylinder. M. R. Feeley and C. Stern. 1,901,740; Mar. 14.
- Cock, Bellows operated safety cylinder. M. R. Feeley and C. Stern. 1,901,805; Mar. 14.
- Cock, Cooperative cold and hot-water bib. S. J. Carmody. 1,929,054; Oct. 3.
- Cock, Gas. O. J. Leins. 1,921,761; Aug. 8.
- Cock, Gas. E. E. Meusy. 1,901,979; Mar. 21.
- Cock, Gas. E. W. Roberts. 1,921,779; Aug. 8.
- Cock, Locomotive cylinder. A. R. Ayers. 1,935,285; Nov. 14.
- Cock, Locomotive cylinder. A. L. Brice. 1,936,581; Nov. 28.
- Cock, Safety gas. J. Bodzioch. 1,935,936; Nov. 21.
- Cock, Safety gas. F. W. Kulicke, R. W. Butler, and C. W. Moore. 1,920,511; Aug. 1.
- Cock, Self-closing gas. J. F. Franzén. 1,930,007; Oct. 10.
- Cockpit cover. W. W. Lightner. 1,937,520; Dec. 5.
- Code dating device. F. R. Schmitt. 1,935,671; Nov. 21.
- Code key cutting machine. A. H. Rooks. 1,923,164; Aug. 22.
- Code signal generating device. N. H. Saunders. 1,932,190; Oct. 24.
- Coding machine. W. Korn. 1,905,593; Apr. 25.
- Cod-liver-oil tablets, Making. B. L. Elcher. Re18,719; Jan. 24.
- Coffee and its manufacture. W. J. Livingston. 1,897,393; Feb. 14.
- Coffee, Apparatus for making. I. E. Baughman. 1,920,121; July 25.
- Coffee, Apparatus for making. J. E. Smith. 1,917,071; July 4.
- Coffee beverages, Apparatus for the commercial preparation of. G. Snider. 1,903,519; Apr. 11.
- Coffee container. R. F. Krause. 1,932,221; Oct. 24.
- Coffee container. R. F. Krause. 1,935,094; Nov. 14.
- Coffee dispenser. J. W. Bell. Des. 89,479; Mar. 21.
- Coffee dispenser. A. W. Worrell. 1,939,939; Dec. 19.
- Coffee extract, Preparation of. L. G. Copes. 1,933,049; Oct. 31.
- Coffee extract, Preparing a. G. L. Wendt. 1,925,159; Sept. 5.
- Coffee maker. H. H. Blau. 1,935,587; Nov. 14.
- Coffee maker. A. F. Fukal. Des. 90,024; May 30.
- Coffee maker. D. L. Hadley. Des. 90,884; Oct. 17.
- Coffee maker. P. W. Jenkins. -1,934,070; Nov. 7.
- Coffee maker. R. W. Kell and C. D. Barth. 1,927,287; Sept. 19.
- Coffee maker. R. W. Kell and C. D. Barth. 1,931,076; Oct. 17.
- Coffee maker and server, Combined. W. D. Teague. Des. 89,364; Feb. 28.
- Coffee maker, Drip. C. E. Page. Des. 89,055; Jan. 17.
- Coffee maker, Drip. C. E. Page. 1,905,950; Apr. 25.
- Coffee maker, Drip. K. E. Porter. 1,901,611; Mar. 14.
- Coffee making apparatus. R. C. Ashenden. 1,910,514; May 23.
- Coffee making apparatus. E. A. Kohn. 1,913,398; June 13.
- Coffee making device. J. D. Houck. 1,927,937; Sept. 26.
- Coffee making machine. H. Harper. 1,903,111; Mar. 28.
- Coffee measuring and dispensing device, Combined. J. Kohl. Des. 90,774; Sept. 26.
- Coffee pot. M. C. Ferrando. 1,927,701; Sept. 19.*
- Coffee pot. E. Woodward. 1,932,125; Oct. 24.
- Coffee pot, Glass. H. C. Bates. 1,899,451; Feb. 28.
- Coffee pot or similar article. Y. Buma. Des. 89,489; Mar. 21.
- Coffee pot or similar article. C. Kaiser. Des. 89,193-4; Feb. 7.
- Coffee pot or similar article. P. E. Willman. Des. 90,607; Aug. 29.
- Coffee, Preparation of. W. Hoskins. 1,924,059; Aug. 22.
- Coffee product and making same, Roasted. R. B. McKinnis. 1,903,362; Apr. 4.
- Coffee protector. E. J. Reisdorf. 1,936,857; Nov. 28.
- Coffee, Roasting. L. S. Maede. 1,911,763; May 30.
- Coffee, Roasting. L. S. Maede. 1,915,372; June 27.
- Coffee roasting process. J. F. Quinn. 1,900,072; Mar. 7.
- Coffee, Soluble. L. G. Copes, C. H. Haurand, and E. Kellogg. 1,932,769; Oct. 31.
- Coffin conveying device. A. E. Bosserdet and E. Hunter. 1,931,484; Oct. 24.

- Coil. J. L. Howie. 1,909,491; May 16.
 Coil. H. Whittle. 1,896,762; Feb. 7.
 Coil and making the same, Rubber insulated. C. S. Bushnell and E. H. Branson. 1,926,865; Sept. 12.
 Coil and shield mounting. Radio. J. Q. Gaubert. H. L. Brump, and J. B. Forsythe. 1,897,253; Feb. 14.
 Coil box, Loading. T. Laurent. 1,903,054; Mar. 28.
 Coil condensers, Apparatus for winding. H. I. Danziger. 1,940,847; Dec. 26.
 Coil construction, Counter. T. B. Mackenzie. 1,936,402; Nov. 21.
 Coil, Electric. J. F. Cullin. 1,926,331; Sept. 12.
 Coil, Field. O. F. Freeland. 1,939,808; Dec. 19.
 Coil for electrodynamic loudspeakers, Oscillating. J. Coil for fluid heating furnaces. D. J. Bergman. 1,936,284; Nov. 21.
 Coil for induction furnaces. E. Esmarch. 1,924,680; Aug. 29.
 Coil for toy electric motors, Electromagnetic. J. A. Hanley. 1,895,460; Jan. 31.
 Coil forming device. C. H. Thordarson. 1,904,890; Apr. 18.
 Coil forming machine. H. H. Eaton. 1,941,166; Dec. 26.
 Coil friction clutch. N. A. Palmgren. 1,935,782; Nov. 21.
 Leopold. 1,935,404; Nov. 14.
 Coil-handling apparatus. K. B. Lewis. 1,907,841; May 9.
 Coil, Heating. W. A. Bjorklund. 1,934,787; Nov. 14.
 Coil, Heating. A. T. Lewis and D. E. French. 1,917,042; July 4.
 Coil, Heating. W. H. Schirmer. 1,920,598; Aug. 1.
 Coil, Ignition. A. Toelle. 1,908,798; May 16.
 Coil, Inductor. T. H. Long. 1,912,903; June 6.
 Coil, Multiple heat exchange. M. Eule and E. Anders. 1,901,090; Mar. 14.
 Coil piece for deep sea signaling cables. O. Cords. 1,894,852; Jan. 17.
 Coil positioning machine. E. W. Collins. 1,905,154; Apr. 25.
 Coil, storage tank, and cooling the water in the tank, Cooling. C. T. Morse and E. L. Hogan. 1,901,664; Mar. 14.
 Coil structure for refrigerating systems, Evaporating. N. H. Gay. 1,926,978; Sept. 12.
 Coil supporting spider. P. H. A. van Lis. 1,907,687; May 9.
 Coil-switch unit. H. E. Norviel. 1,896,143; Feb. 7.
 Coil terminal attaching apparatus. A. B. Segur. 1,913,904; June 13.
 Coil test apparatus. C. S. Swayze. 1,906,020; Apr. 25.
 Coil, Tuning. E. G. Ports and H. P. Miller, jr. 1,919,905; July 25.
 Coil winding and stretching machine. J. Wahlberg. 1,923,898; Aug. 22.
 Coil winding die. S. Wadsten. 1,929,156; Oct. 3.
 Coil winding machine. W. N. Briggs. 1,919,928; July 25.
 Coil winding machine. E. W. Collins. 1,931,061; Oct. 17.
 Coil winding machine. J. J. Vienneau. 1,919,994; July 25.
 Coiled spring, Hook-ended. H. Vanderploeg. 1,921,209; Aug. 8.
 Coils in electric furnaces, Supporting resistor. D. F. Campbell. 1,924,079; Aug. 22.
 Coils, Method and apparatus for forming wire. A. H. Garst. 1,896,670; Feb. 7.
 Coils, Method of and apparatus for constructing electrical. A. L. Quinlan. 1,895,487; Jan. 31.
 Coils or similar annular masses of spun filaments of artificial silk, Device for treating. M. Schoenfeld. 1,915,034; June 20.
 Coils possessing accurate inductance, Making. W. F. Ewald. 1,921,869; Aug. 8.
 Coin and slug segregating apparatus. A. M. Williams. 1,893,692; Jan. 10.
 Coin assorting and counting apparatus. F. W. Sherman. 1,936,035; Nov. 21.
 Coin assorting and counting machine. H. B. Myers. 1,894,190; Jan. 10.
 Coin-assorting apparatus. A. C. O. Bock and J. J. Ernaul. 1,934,839; Nov. 14.
 Coin assorting machine. J. Hume. 1,927,265; Sept. 19.
 Coin box, Cash fare. F. P. Frankford. 1,932,014; Oct. 24.
 Coin changing machine. A. B. Hanchett. 1,912,134; May 30.
 Coin-changing machine. H. G. Klett. 1,897,200; Feb. 14.
 Coin checking device for coin-freed telephone installations. O. Moser. 1,939,513; Dec. 12.
 Coin checking means and method. S. D. Polsen and S. H. Nelson. 1,910,963; May 23.
 Coin chute for vending machines. R. D. Parks and G. W. Hildenbrand. 1,933,752; Nov. 7.
 Coin chute mechanism. C. Szyper and E. Mibalek. 1,912,802; June 6.
 Coin collection apparatus. M. G. Allison. 1,910,978; May 23.
 Coin collector. G. Biniek, H. Langner, and H. Döhle. 1,908,948; May 16.
 Coin collector. J. M. Melick. 1,940,095; Dec. 19.
 Coin collector. H. Sengebusch. 1,932,234; Oct. 24.
 Coin control and selecting mechanism. K. C. Bugg. 1,934,403; Nov. 7.
 Coin-control mechanism. H. E. Frye. 1,899,321; Feb. 28.
 Coin-control mechanism. F. A. Madden. 1,935,036; Nov. 14.
 Coin control mechanism for electrically operated machines. B. E. Mills. 1,935,982; Nov. 21.
 Coin controlled apparatus. F. A. Hoyt. 1,938,698; Dec. 12.
 Coin-controlled device. A. R. Bonorden. 1,934,679; Nov. 14.
 Coin-controlled device. L. M. Hall. 1,908,752; May 16.
 Coin-controlled device. L. M. Hall and H. McCreary. 1,897,193; Feb. 14.
 Coin controlled device. O. D. Jennings and E. Mibalek. 1,903,048; Mar. 28.
 Coin controlled lock. E. E. Dougherty. 1,938,069; Dec. 5.
 Coin controlled lock. G. Hofmann. 1,933,263; Oct. 31.
 Coin controlled mechanism. L. C. Doane. 1,922,358; Aug. 15.
 Coin controlled switch. F. Hoke. 1,897,955; Feb. 14.
 Coin counting and wrapping machine. W. T. Young. 1,901,715; Mar. 14.
 Coin counting machine. E. P. Donnellan. 1,914,362; June 20.
 Coin counting machine. E. Donnellan. 1,921,155; Aug. 8.
 Coin counting machine. P. C. Smith. 1,908,565; May 9.
 Coin counting mechanism. B. S. Wallick. 1,933,082; Oct. 31.
 Coin detector. E. A. Bolen. 1,922,925; Aug. 15.
 Coin detector. C. B. Gilmore and J. L. Vaughn. 1,928,419; Sept. 26.
 Coin detector mechanism, Magnetic. P. S. Harper. 1,926,482; Sept. 12.
 Coin detector, Spurious. C. A. Fowler and B. F. Redman. 1,912,699; June 6.
 Coin detector, Spurious. A. M. Robinson. 1,892,777; Jan. 3.
 Coin distributor. W. A. Tratsch. 1,912,325; May 30.
 Coin ejector. W. L. Gilchrist and W. T. Hoofnagle. 1,911,685; May 30.
 Coin exchanging mechanism. W. F. Newall. 1,901,323; Mar. 14.
 Coin-freed apparatus. V. Merivale. 1,907,359; May 2.
 Coin freed mechanism. C. F. Webb. 1,919,581; July 25.
 Coin guiding machines, Coin guiding and wrapper holding means for. E. P. Donnellan. 1,896,394; Feb. 7.
 Coin handling machine. H. Olsen. 1,901,529; Mar. 14.
 Coin holder. W. Bodenstein. 1,915,083; June 20.
 Coin insertion saving device in clocks, counters, and like motion works. C. Rosat. 1,924,000; Aug. 22.
 Coin intercepting mechanism for coin operated machines. A. W. Barnard. 1,937,500; Dec. 5.
 Coin operated mechanism. C. B. Gilmore. 1,926,232; Sept. 12.
 Coin operated mechanism. C. H. Green. 1,931,693; Oct. 24.
 Coin operating lock. N. J. Saad. 1,914,983; June 20.
 Coin or token controlled amusement device. E. C. Russell. Des. 90,817; Oct. 3.
 Coin packaging device. P. C. Smith. 1,919,963; July 25.
 Coin receiver. E. J. Brandt. 1,935,012; Nov. 14.
 Coin receptacle. F. A. Hoyt. 1,894,823; Jan. 17.
 Coin receptacle. F. A. Hoyt. 1,933,264; Oct. 31.
 Coin segregator. N. P. Petersen. 1,935,662; Nov. 21.
 Coin selecting and detecting device. W. L. Gilchrist and W. T. Hoofnagle. 1,911,684; May 30.
 Coin selecting apparatus. J. Gottfried. 1,907,064; May 2.
 Coin selecting apparatus. J. Gottfried. 1,923,535; Aug. 22.
 Coin selector. W. L. Gilchrist and W. T. Hoofnagle. 1,911,685; May 30.
 Coin separator, Multiple. W. L. Gilchrist and W. T. Hoofnagle. 1,931,579; Oct. 24.
 Coin separator, Spurious. E. P. Donnellan. 1,899,560; Feb. 28.
 Coin slide. F. L. Mills. 1,924,618; Aug. 29.
 Coin slide. W. A. Tratsch. 1,908,380; May 9.
 Coin slot device. D. M. Winans. 1,895,017; Jan. 24.
 Coin sorting machine. F. F. Daugherty. 1,895,975; Jan. 31.
 Coin testing device. C. F. Webb. 1,932,716; Oct. 31.
 Coin testing device for use more particularly with coin freed vending machines. A. Leeson. 1,897,909; Feb. 14.
 Coin vending machine, Multiple. D. T. Hallis. 1,922,915; Aug. 15.
 Coin wrapper crimping machine. E. P. Donnellan. 1,936,050; Nov. 21.
 Coins, Method and apparatus for separating. C. E. Gray and G. D. Turnbow. 1,921,669; Aug. 8.
 Coins or other tokens for genuineness, Testing. F. W. Hoban. 1,921,031; Aug. 8.
 Coke and gas in chamber ovens, Production of. C. Still. 1,940,567; Dec. 19.
 Coke and treating the same, Treated. J. D. Doherty. 1,932,815; Oct. 31.
 Coke, Apparatus for and method of producing. F. Puening. 1,924,198; Aug. 29.
 Coke, Apparatus for cooling. W. T. Bosler. 1,893,468; Jan. 3.
 Coke, Apparatus for the dry cooling of. A. Dierschke. 1,916,718; July 4.
 Coke discharger for retorts for the carbonization of coal and the like. F. J. and E. West. 1,901,016; Mar. 14.
 Coke, Manufacture of. K. J. and H. V. Smith. 1,916,026; June 27.
 Coke, Manufacturing. V. L. Board. 1,919,157; July 18.

- Coke, Manufacturing low volatile. G. Merkel. 1,939,457; Dec. 12.
- Coke, Marking. G. V. McGurl. 1,924,194; Aug. 29.
- Coke, Method of and apparatus for producing. F. Puening. 1,905,055; Apr. 25.
- Coke oven apparatus. L. S. Herrmann, jr. 1,920,949; Aug. 1.
- Coke oven battery. J. W. Greene. 1,915,360; June 27.
- Coke oven battery. H. Koppers. 1,928,593; Sept. 26.
- Coke ovens and the like, Operation of. S. P. Miller. 1,918,709; July 18.
- Coke removal system. W. H. Bahlke. 1,927,059; Sept. 19.
- Coke treatment. F. W. Sperr, jr. 1,928,214; Sept. 26.
- Coking apparatus. N. A. Olsson and C. P. Fuller. 1,920,911; Aug. 1.
- Coking apparatus. F. Puening. 1,916,331; July 4.
- Coking process. G. P. Bartholomew. 1,894,438; Jan. 17.
- Colander. C. A. Rennacker. 1,923,014; Aug. 15.
- Colander. M. F. Werner. 1,927,192; Sept. 19.
- Cold, Apparatus for production of. P. Scholl. 1,926,654; Sept. 12.
- Collapsible auxiliary seat. E. Blakelock. 1,914,069; June 13.
- Collapsible box. F. Grasso. 1,928,976; Oct. 3.
- Collapsible box. M. J. Schultz. 1,938,225; Dec. 5.
- Collapsible chair, Automatically. E. Warner. 1,939,743; Dec. 19.
- Collapsible container. C. S. Andrews. 1,929,941; Oct. 10.
- Collapsible container. E. M. Quimby. 1,908,540; May 9.
- Collapsible dispenser. J. P. Burke. 1,905,994; Apr. 25.
- Collapsible holder. K. E. Brewer. 1,902,011; Mar. 21.
- Collapsible holder. S. M. Wright. 1,912,054; May 30.
- Collapsible paper box. D. C. Jacobs. 1,923,928; Aug. 22.
- Collapsible receptacle. W. J. Geist. 1,904,365; Apr. 18.
- Collapsible receptacle. G. B. Ingersoll. 1,915,421; June 27.
- Collapsible reel. K. P. Kohler. 1,905,178; Apr. 25.
- Collapsible reel. J. J. Stoeckly. 1,907,895; May 9.
- Collapsible stand. G. M. Schott. 1,940,565; Dec. 19.
- Collapsible table. J. Carpos. 1,940,117; Dec. 19.
- Collapsible table. F. Metzler. 1,930,176; Oct. 10.
- Collapsible table. A. J. Morrison. 1,903,631; Apr. 11.
- Collapsible table. B. Smith. 1,923,281; Aug. 22.
- Collapsible tube. V. H. Christen. 1,934,699; Nov. 14.
- Collapsible tube. S. Fiore. 1,927,605; Sept. 19.
- Collapsible tube. G. Guenther. 1,907,353; May 2.
- Collapsible tube. G. W. Jardine. 1,914,020; June 13.
- Collapsible tube. H. J. Konanz. 1,903,464; Apr. 11.
- Collapsible tube. H. Weirich. 1,908,584; May 9.
- Collapsible tube, Plural chambered. M. F. Murphy. 1,894,115; Jan. 10.
- Collapsible tube reel. H. H. Smith. 1,939,575; Dec. 12.
- Collar. E. A. King. 1,939,214; Dec. 12.
- Collar. A. Wolf. 1,917,177; July 4.
- Collar and can assembling machine. N. Geertsens. 1,916,260; July 4.
- Collar and connecting coupling. Cooker and cooler combination. A. R. Thompson. 1,940,777; Dec. 26.
- Collar and making the same. R. W. McCreery. 1,897,486; Feb. 14.
- Collar and shaping the same. S. J. McAuley. 1,910,848; May 23.
- Collar can, Interior. J. F. Peters. 1,898,643; Feb. 21.
- Collar construction. L. Haven. 1,916,794; July 4.
- Collar, Dog. G. V. F. McCarty. 1,906,073; Apr. 25.
- Collar fastener. E. G. Koch. 1,915,250; June 20.
- Collar for personal wear. H. S. Hele-Shaw. 1,917,971; July 11.
- Collar holder. H. Gunther. 1,896,029; Jan. 31.
- Collar holder. C. Silverman. Des. 89,218-20; Feb. 7.
- Collar, Horse. F. A. Richards. 1,906,717; May 2.
- Collar locator. D. L. Shull. 1,893,600; Jan. 10.
- Collar pin. A. Miserentino. 1,931,671; Oct. 24.
- Collar point pressing machine. H. J. Witham. 1,924,671; Aug. 29.
- Collar point shaping machine. W. J. Beattie. 1,896,934; Feb. 7.
- Collar shaper. P. Farrelly. 1,900,547; Mar. 7.
- Collar, Soft. G. B. Galbraith. 1,921,872; Aug. 8.
- Collar, Starched turn-down. W. Gaa. 1,910,602; May 23.
- Collar stay. B. B. Manaster. 1,908,525; May 9.
- Collar stay. B. B. Manaster. 1,923,577; Aug. 22.
- Collar-stretching machine. M. L. Kaplan. 1,902,330; Mar. 21.
- Collar support. P. E. Alexander. 1,899,602; Feb. 28.
- Collar support. J. G. Brittain. 1,940,291; Dec. 19.
- Collar support. S. B. Lavick. 1,919,661; July 25.
- Collar support. S. R. Morden. 1,904,506; Apr. 18.
- Collars and product thereof, Manufacturing soft. W. J. Beattie. Re18,732; Feb. 7.
- Collars for tearing strip containers, Forming. F. A. Prahl. 1,941,046; Dec. 26.
- Collars, Manufacturing. H. C. Underwood. 1,934,154; Nov. 7.
- Collecting filled match boxes. N. A. Lagerholm. 1,917,986; July 11.
- Collet. E. L. Connell. 1,917,752; July 11.
- Collet. O. Proefke. 1,898,264; Feb. 21.
- Collet means. J. F. Buhner. 1,934,910; Nov. 14.
- Collision preventing system. J. Cartelli. 1,936,618; Nov. 28.
- Colloid for wet plate processes. A. Murray. 1,908,529; May 9.
- Colloid mill. C. P. Tolman. 1,927,620; Sept. 19.
- Colloidal compound, High gelatinating. L. H. Heyl. 1,934,267; Nov. 7.
- Colloidal solutions, Coagulation of. R. H. Boundy and J. L. Amos. 1,930,448; Oct. 10.
- Colloidal solutions of metal iodides, Production of. V. Klopfer. 1,926,745; Sept. 12.
- Colloidal suspension and method of use. I. C. Somerville. 1,897,773; Feb. 14.
- Colloids and their characteristics, Process relating to. J. L. Brown. 1,934,294; Nov. 7.
- Colloids, Electrolytic manufacture of. J. L. Brown. 1,910,212; May 23.
- Colloids from liquids, Removal of. O. M. Urbain. 1,909,436; May 16.
- Colloids, Increasing the charge and cataphoretic velocity of. O. M. Urbain. 1,935,962; Nov. 21.
- Colloids of the cellulose series of the group of cellulose esters or ethers fast greenish yellow tints, Dyeing of. F. Feilx. 1,893,543; Jan. 10.
- Colloids, Preparation of humous. R. Eberhard. 1,914,824; June 20.
- Colon irrigator. H. E. Dierker. 1,910,756; May 23.
- Colonic apparatus. O. B. Schellberg. 1,937,362; Nov. 28.
- Color analyzer. C. W. Stone. 1,894,132; Jan. 10.
- Color and making the same, Black sulphur. G. Barnhart. 1,909,162; May 16.
- Color, Apparatus for measuring. D. Nickerson. 1,924,747; Aug. 29.
- Color base and composition containing the same. J. H. Crowell. 1,892,871; Jan. 3.
- Color cinematographic apparatus. J. A. Ball. 1,900,034; Mar. 7.
- Color cinematographic apparatus. J. A. Ball. 1,924,901; Aug. 29.
- Color cinematography. J. G. Capstaff. 1,897,837; Feb. 14.
- Color cinematography. W. V. D. Kelley. 1,937,823; Dec. 5.
- Color cinematography and the like. A. Bernardi. 1,931,920; Oct. 24.
- Color cinematography, Apparatus for use in. S. G. Short and J. E. Williams. 1,931,512; Oct. 24.
- Color displaying device. E. Scharnowski. 1,917,464; July 11.
- Color key for article packages. J. M. Lawler. 1,935,475; Nov. 14.
- Color lakes. B. Zschimmer and F. Pohl. 1,921,857; Aug. 8.
- Color lakes, Production of. H. Roth and B. Zschimmer. 1,907,879; May 9.
- Color lakes, Production of. B. Zschimmer. 1,912,878; June 6.
- Color light projector. R. R. Stoenen. 1,895,690; Jan. 31.
- Color light signal. J. A. Peabody. 1,936,260; Nov. 21.
- Color meter. R. L. Sperber. 1,902,672; Mar. 21.
- Color of the anthraquinone series and making it, Vat. R. N. Lulek. 1,912,378; June 6.
- Color photographic process. M. W. Seymour. 1,897,866; Feb. 14.
- Color photographic system. E. D. Goodwin. 1,921,918; Aug. 8.
- Color photography. T. T. Baker. 1,903,971; Apr. 18.
- Color-photography. M. Martinez. 1,910,117; May 23.
- Color photography. C. Nordmann. 1,921,258; Aug. 8.
- Color photography. O. A. Townsend. 1,934,779; Nov. 14.
- Color photography, Subtractive. J. A. Ball. 1,926,255; Sept. 12.
- Color photography with large aperture lenses. B. E. Luboshez. 1,939,785; Dec. 19.
- Color plates, Production of. R. Breslauer. 1,896,739; Feb. 7.
- Color positive for use in a colored motion picture, Producing a. H. K. Fairall and W. T. Crespinel. 1,897,369; Feb. 14.
- Color preparation for butter, oleomargarine, etc. L. Adler. 1,920,231; Aug. 1.
- Color printing. R. A. and I. W. Mairson. 1,928,758; Oct. 3.
- Color process. J. A. Lucas. 1,934,367; Nov. 7.
- Color process for films. A. and C. Teitel. 1,929,180; Oct. 3.
- Color processes, Apparatus for photographic. E. C. Fritts. 1,912,700; June 6.
- Color records, Copying. M. W. Seymour. 1,912,661; June 6.
- Color reproduction. C. Nordmann. 1,940,503; Dec. 19.
- Color reserves under ground dyings, Production of fast-. P. Brandt, E. Gubler, and E. Tschan. 1,934,789; Nov. 14.
- Color screens and making same. A. G. O'Neill. 1,892,901; Jan. 3.
- Color to metalized articles, Applying. E. H. Schiffer. 1,908,061; May 9.
- Colored articles from dispersions of rubber or the like, Manufacture of. R. G. James and D. F. Twiss. 1,912,641; June 6.
- Colored filter. P. Brosse. 1,939,039; Dec. 12.
- Colored resisting effects, Production of. J. Neumann. 1,898,138; Feb. 21.
- Colorimeter. V. A. Schoenberg. 1,928,544; Dec. 5.
- Colorimeter. A. G. Sheffel. 1,916,589; July 4.
- Coloring. R. S. Barnes, D. Service, and J. Thomas. 1,895,019; Jan. 24.
- Coloring flexible articles, Device for use in. N. Barr and R. J. Dorn. 1,938,169; Dec. 5.

- Coloring material. J. C. Witt. 1,900,216; Mar. 7.
 Coloring material apparatus. C. P. Haff. 1,930,749; Oct. 17.
 Coloring material, Making of rubber. T. G. Sullivan. 1,903,578; Apr. 11.
 Coloring matters, Chrome yellow. H. G. Grimm and E. Lederle. 1,910,010; May 23.
 Coloring preparations and their application, Production of. H. Ulrich and J. Nuesslein. 1,923,243; Aug. 22.
 Colors and preparing them, Printing. M. Paquin. 1,909,221; May 16.
 Colors, Apparatus for reading. E. S. Bodine. 1,914,937; June 20.
 Colors, Apparatus for the matching of. C. H. Sharp. 1,898,219; Feb. 21.
 Colors, Device for the comparison of. E. H. Bickley. 1,914,322; June 13.
 Colostomy appliance. R. Gricks. 1,922,763; Aug. 15.
 Columbium and making the same, Metallic. C. W. Balke. 1,905,882; Apr. 25.
 Column and girder, Metallic. W. Wait. 1,911,413; May 30.
 Column bases, Renewing. A. G. Leake. 1,906,634; May 2.
 Column clamp. E. F. Juergensen. 1,906,381; May 2.
 Column clamp. R. R. Roemer. 1,906,721; May 2.
 Column pile and method. M. Blumenthal. 1,924,346; Aug. 29.
 Column, Reinforced. R. Waggoner. 1,919,491; July 25.
 Columnar structures, Making. V. F. Hammel. 1,928,017; Sept. 26.
 Columns and the like, Apparatus for forming tapered. A. E. Lingo. 1,898,581; Feb. 21.
 Columns and the like, Making. C. H. Sawyer. 1,934,822; Nov. 14.
 Comb. E. F. Allin. 1,904,705; Apr. 18.
 Comb. P. Kocher. 1,893,864; Jan. 10.
 Comb. L. M. Noto. 1,929,849; Oct. 10.
 Comb. N. Philaja. 1,892,749; Jan. 3.
 Comb. J. C. Robinson. 1,894,832; Jan. 17.
 Comb and accessories therefor. M. M. Shaw. 1,904,090; Apr. 18.
 Comb and brush, Pocket. L. H. Bear. 1,922,347; Aug. 15.
 Comb and cleaner, Combination. J. Richter. 1,909,897; May 16.
 Comb and hair straightening means, Electric hair. H. G. Anderson. 1,937,004; Nov. 28.
 Comb attachment for carpet sweepers. E. R. Smith. 1,898,318; Feb. 21.
 Comb cleaner. J. E. Harry. 1,897,935; Feb. 14.
 Comb cleaner. G. J. Herbst. 1,938,144; Dec. 5.
 Comb cleaner. R. M. Ozabal. 1,921,002; Aug. 8.
 Comb. Curry. R. C. Kirch. 1,930,977; Oct. 17.
 Comb, Electric. G. F. Fiesler. 1,937,882; Dec. 5.
 Comb for cutting and thinning the hair. L. Agostini. 1,932,876; Oct. 31.
 Comb for the hair. M. Shaw. 1,921,328; Aug. 8.
 Comb. Hair waving. R. Kropac. 1,911,451; May 30.
 Comb making device. C. Tober. 1,941,062; Dec. 26.
 Comb, Suction. J. F. H. Fechtenberg. 1,894,905; Jan. 17.
 Comber, Heilmann type. F. L. Crockett. 1,922,030; Aug. 15.
 Combination implement. E. A. Hamilton. 1,895,834; Jan. 31.
 Combination kitchen machine. A. W. Anderson and E. O. Steber. 1,907,413; May 2.
 Combination lock. J. E. Frey. 1,898,947; Feb. 21.
 Combination lock. A. Furino. 1,924,987; Aug. 29.
 Combination lock. J. Ople. 1,927,468; Sept. 19.
 Combination lock. R. J. Southcott. 1,898,149; Feb. 21.
 Combination lock, Knob controlled. M. A. Meuse. 1,933,443; Oct. 31.
 Combination lock, Self-closing. R. J. Buettner, R. A. Found, J. M. Munter, J. J. Neitz, and F. C. Zinzig. 1,902,214; Mar. 21.
 Combination lock, Universal keyless. G. W. Metavallas. 1,898,017; Feb. 21.
 Combination puller. H. P. Johnson and P. H. Clarke. 1,893,414; Jan. 3.
 Combination receptacle for smokers' articles or similar device. J. F. Winemore. Des. 90,352; July 18.
 Combination relief valve. C. Smith. 1,941,023; Dec. 26.
 Combination sash lock. C. J. Hohman. 1,920,983; Aug. 8.
 Combination separator. W. M. Mount and M. F. Waters. 1,916,065; June 27.
 Combination stand. T. Gass. Des. 89,038; Jan. 17.
 Combination table. L. J. Buckley. 1,903,026; Mar. 28.
 Combination table. G. B. Chase. 1,923,969; Aug. 22.
 Combination table. C. A. Magnuson and C. H. Uggla. 1,901,975; Mar. 21.
 Combination table. E. L. McFarland. 1,904,795; Apr. 18.
 Combination toilet instrument. G. L. Hawkins. Des. 90,316; July 18.
 Combination tool. E. Flann. 1,893,737; Jan. 10.
 Combination tool. H. Hovgaard. 1,899,505; Feb. 28.
 Combination washer. C. Forberg. 1,901,391; Mar. 14.
 Combination wrench. D. F. Hasty. 1,922,680; Aug. 15.
 Combine. A. Apel. 1,936,613; Nov. 28.
 Combine. W. I. Ballentine and A. J. Knapp. 1,934,160; Nov. 7.
 Combine, Corn. S. P. Week. 1,931,782; Oct. 24.
 Combine harvester construction. N. E. Bunting. 1,926,709; Sept. 12.
 Combine recleaner. D. Hewitt. 1,923,977; Aug. 22.
 Combined camera and flash lamp. G. F. Boesser. 1,932,098; Oct. 24.
 Combined clock case and dial. P. Lux. Des. 90,327; July 18.
 Combined radiator, hood, fenders, and bumper for vehicles. M. Barclay. Des. 90,304; July 18.
 Combines, Bulk grain attachment for. S. B. Borquist and H. H. Hicks. 1,914,821; June 20.
 Combing machine. J. W. Nasmith. 1,921,203; Aug. 8.
 Combustible content in a gas mixture, Determining the. J. A. Stein. 1,940,513; Dec. 19.
 Combustible material, Process and apparatus. A. O. Jaeger. 1,913,054; June 6.
 Combustible mixtures, Method and apparatus for igniting. G. G. Brown and M. Sounders, jr. 1,902,541; Mar. 21.
 Combustion apparatus. C. S. Cody. 1,923,528; Aug. 22.
 Combustion apparatus. R. A. Foresman. 1,930,045; Oct. 10.
 Combustion apparatus. F. A. Hamilton. 1,917,031; July 4.
 Combustion apparatus. S. P. Kinney. 1,897,808; Feb. 14.
 Combustion apparatus. D. J. Mossbhart. 1,902,372; Mar. 21.
 Combustion, Apparatus for the control of. O. W. Lusby. 1,900,884; Mar. 7.
 Combustion-arc process and apparatus. A. E. Greene. 1,904,683; Apr. 18.
 Combustion burner. A. E. Stuckert. 1,922,405; Aug. 15.
 Combustion chamber. M. J. Goldberg. 1,917,883; July 11.
 Combustion chamber, Pressureproof. W. G. Noack. 1,935,659; Nov. 21.
 Combustion chamber. A. U. Wetherbee. 1,919,285; July 25.
 Combustion chamber, Antidetonation. F. A. Bullington. 1,897,234; Feb. 14.
 Combustion chamber construction. A. Moore. 1,905,805; Apr. 25.
 Combustion chamber construction. A. Moore. 1,913,310; June 6.
 Combustion chamber construction. A. Moore. 1,928,597; Sept. 26.
 Combustion chamber of internal combustion engines of the liquid fuel injection compression ignition type. H. R. Ricardo. 1,927,374; Sept. 19.
 Combustion control. M. G. Benjamin. 1,906,244; May 2.
 Combustion device. W. R. Hulbert. 1,903,308; Apr. 4.
 Combustion engine. W. Harper, jr. 1,912,638; June 6.
 Combustion engine. N. Strausser. 1,925,614; Sept. 5.
 Combustion engine, One sleeve. O. O. Storie. 1,914,792; June 20.
 Combustion in furnaces or the like, Regulating. G. Winsch. 1,929,230; Oct. 3.
 Combustion, Method and apparatus for controlling. C. M. Terry. 1,905,658; Apr. 25.
 Comestible package, Frozen. C. W. Vogt. 1,906,183; Apr. 25.
 Comestibles, Apparatus for and process of freezing. W. F. Comer. 1,940,164; Dec. 19.
 Comestibles, Method and apparatus for rapid freezing and handling of. W. J. Finnegan. 1,925,033; Aug. 29.
 Comestibles, Treating. H. F. Taylor. 1,920,222; Aug. 1.
 Comic strip display device. F. N. Kalert and J. Suda. 1,917,977; July 11.
 Commercial air filter. G. Wallace. 1,940,034; Dec. 19.
 Commutating machine. R. Scheynost. 1,917,198; July 4.
 Commutator or cutter. E. L. Beekman. 1,933,961; Nov. 7.
 Commode, Automobile. J. T. Avila. 1,905,881; Apr. 25.
 Commode or the like. A. Ginsberg. Des. 90,113; June 13.
 Commodities, Mechanism for weighing and packaging. C. P. Wellman. 1,899,173; Feb. 28.
 Commodities, Method of and mechanism for packaging. C. P. Wellman. 1,899,172; Feb. 28.
 Communicating system. E. M. Squire. 1,909,843; May 16.
 Communication by means of current impulses, System of. E. Krumme, A. Jipp, and E. Rossberg. 1,918,043; July 11.
 Communication, Emergency submarine. P. A. Vaile. 1,909,437; May 16.
 Communication, Means of. V. M. Bugge. 1,936,900; Nov. 28.
 Communication on short waves. A. Meissner. 1,917,312; July 11.
 Communication system. M. E. Strieby. 1,941,116; Dec. 26.
 Communication system. G. W. Watson. 1,927,077; Sept. 19.
 Communication system, Multiplex. F. Schröter and W. Iberg. 1,930,693; Oct. 17.
 Communication with moving trains. H. A. Affel and E. I. Green. 1,902,817; Mar. 28.
 Communication with moving vehicles. L. Espenchied and N. Monk. 1,933,795; Nov. 7.
 Commutating electric machine. L. A. Dreyfus. 1,916,462; July 4.
 Commutator. C. A. Mudge. 1,922,317; Aug. 15.
 Commutator. A. Oldenburg. 1,907,561; May 9.
 Commutator and making it. V. G. Apple. 1,898,929; Feb. 21.
 Commutator assembling machine. F. J. Hardman and W. Spruegel. 1,899,325; Feb. 28.
 Commutator clamping ring. E. A. Kaegl. 1,909,059; May 16.

- Commutator machine, Polyphase. A. Heyland. 1,899,462; Feb. 28.
- Commutator reaming machine. L. E. Poole. 1,933,149; Oct. 31.
- Commutator segment and winding element of a bar wound armature, Making a composite. V. C. Apple. 1,911,340; May 30.
- Commutator segments, Manufacturing. C. E. Sorensen. 1,898,696; Feb. 21.
- Commutator slotting machine. J. D. Karle. 1,911,674; May 30.
- Commutators, Forming. E. T. Reardon. 1,909,634; May 16.
- Commutators, Making. C. V. Gialmo. 1,901,955; Mar. 21.
- Compact. E. S. Irelan. 1,915,998; June 27.
- Compact. H. A. and B. T. Rauber. 1,922,326; Aug. 15.
- Compact. C. S. Root. 1,892,736; Jan. 3.
- Compact. H. R. Segal. 1,936,273; Nov. 21.
- Compact. S. Storch. 1,919,486; July 25.
- Compact. Cosmetic. W. R. Tuttle and C. W. Stickel. 1,902,681; Mar. 21.
- Compact, Powder. A. P. Rudolph. 1,920,893; Aug. 1.
- Comparator gauge. E. H. Aldeborgh. 1,908,276; May 9.
- Compartment, Collapsible dressing. C. Sinning. 1,925,467; Sept. 5.
- Compartment box. J. E. Bales. 1,939,651; Dec. 19.
- Compartment for automobiles, Sleeping. M. Richardson. 1,921,325; Aug. 8.
- Compartment receptacle, Plural. A. J. Chamberlain. 1,912,692; June 6.
- Compass. W. Bohne. 1,910,317; May 23.
- Compass. R. L. Dodd. 1,925,082; Sept. 5.
- Compass. E. Mayer and E. Brüche. 1,919,982; July 25.
- Compass. U. Pineda and T. L. Anabisa. 1,892,735; Jan. 3.
- Compass. T. R. Rhea. 1,922,864; Aug. 15.
- Compass, Aircraft. G. R. Fisher. 1,915,274; June 27.
- Compass course finder. E. E. Bennett. 1,896,997; Feb. 7.
- Compass for direction and indication, Light relay. F. Schulte. 1,929,400; Oct. 3.
- Compass, Gyroscopic. H. Anschütz-Kaempfe. 1,924,688; Aug. 29.
- Compass, Gyroscopic. J. M. Boykow. 1,930,082; Oct. 10.
- Compass, Gyroscopic. A. E. Brewerton. 1,920,241; Aug. 1.
- Compass, Gyroscopic. G. L. Dillman. 1,925,138; Sept. 5.
- Compass, Gyroscopic. A. L. Rawlings. 1,923,885; Aug. 22.
- Compass, Liquid. A. Urfer. 1,939,874; Dec. 12.
- Compass, Magnetic. F. G. Schweisthal. 1,930,775; Oct. 17.
- Compass, Surveyor's. F. Leupold. 1,936,846; Nov. 28.
- Compass, Synchronous alternating current inductor. R. Gunn. 1,939,690; Dec. 19.
- Compensating let-off mechanism. H. G. Robinson. 1,900,952; Mar. 14.
- Compensating mechanism for compasses. C. T. Crocker. 1,925,863; Sept. 5.
- Compensating suspension for multi-wheel vehicles. A. I. Marcum. 1,940,914; Dec. 26.
- Compensating valve. C. E. Gleason and M. A. Martin. 1,893,859; Jan. 10.
- Compensator. A. Urfer. 1,933,194; Oct. 31.
- Compensator for recorders. A. W. Gray. 1,927,401; Sept. 19.
- Compensator for sag of rope, etc. J. H. McQuaide. 1,912,782; June 6.
- Compensator, Smooth flow. K. H. Müller. 1,893,434; Jan. 3.
- Complex compounds of heavy metals with 3,4-di-hydroxybenzene arsonic acid, Water-soluble. K. Strettwolf, A. Fehle, H. Hilmer, and H. Schmidt. 1,905,316; Apr. 25.
- Components from pine oil, Separating certain. I. W. Humphrey. 1,932,183; Oct. 24.
- Composer printing machine. W. C. Huebner. 1,923,671; Aug. 22.
- Composite article and making the same. V. H. Bodle. 1,937,807; Dec. 5.
- Composite articles, Making. B. Bronson. 1,908,682; May 16.
- Composite box. J. S. Stokes. 1,897,826; Feb. 14.
- Composite friction material and making same. G. W. Perks. 1,919,168; July 13.
- Composite product and making the same. O. A. Thompson. 1,931,309; Oct. 17.
- Composite product and method of making. H. L. Fisher. 1,926,867; Sept. 12.
- Composite steering wheel. C. N. Mitchell. 1,920,423; Aug. 1.
- Composite structure. H. C. Fisher. 1,924,601; Aug. 29.
- Composite web and making the same. H. A. Chase and H. R. Titus. 1,921,504; Aug. 8.
- Composition and making and using the same. M. T. Harvey. 1,921,292; Aug. 8.
- Composition and method for the relative freeing and lubricating of engaging surfaces. R. R. Vallee. 1,926,961; Sept. 12.
- Composition and the production thereof. P. C. Christensen. 1,901,145; Mar. 14.
- Composition board. L. A. Schulke. 1,906,637; May 2.
- Composition capable of being molded, Manufacture of. F. Pollak and W. Kraus. 1,935,411; Nov. 14.
- Composition containing a resinous complex. C. Ellis. 1,900,638; Mar. 7.
- Composition containing cellulose derivatives. W. H. Moss. 1,929,210; Oct. 3.
- Composition for acoustical devices. E. Ehrhardt. 1,905,631; Apr. 25.
- Composition for and method of treating molten metals. W. R. Jeavons and M. J. Rentschler. 1,899,153; Feb. 28.
- Composition for decolorizing and purifying oils, Producing a. E. E. Roll. 1,913,960; June 13.
- Composition for disinfecting and bleaching and making the same. H. Mirau. 1,894,539; Jan. 17.
- Composition for foundry molds. J. B. Durand. 1,918,090; July 11.
- Composition for molding investment inlays. M. C. Dailey. 1,901,052; Mar. 14.
- Composition for preventing boiler priming or frothing. E. F. Spellmeyer. 1,892,857; Jan. 3.
- Composition for printing or graining. L. A. Mizener. 1,930,178; Oct. 10.
- Composition for refinishing enameled surfaces. G. Welsch. 1,903,346; Apr. 4.
- Composition for removing boiler scale and the like and preparing same. D. W. Haering. 1,936,714; Nov. 28.
- Composition for removing carbon deposits. C. A. Thomas and C. A. Hochwalt. 1,896,759; Feb. 7.
- Composition for treating strings. F., J., and S. Saladino. 1,902,143; Mar. 21.
- Composition for treating water used in air conditioning apparatus and the like. M. Schlissel. 1,921,137; Aug. 8.
- Composition for use as a washing powder, etc. F. C. Bowman. 1,907,316; May 2.
- Composition for use in forming a glazing solution. H. H. Edwards. 1,892,980; Jan. 3.
- Composition, Lubricating. A. R. Lange and F. B. Mason. 1,920,202; Aug. 1.
- Composition of matter. A. F. Bigger. 1,896,659; Feb. 7.
- Composition of matter. F. M. Damitz. 1,912,435; June 6.
- Composition of matter. A. C. Fischer. 1,911,140; Mar. 23.
- Composition of matter. G. D. Fortman. 1,938,553; Dec. 5.
- Composition of matter. H. B. Goodwin. 1,907,789; May 9.
- Composition of matter. E. H. Gorsuch and A. M. Kinney. 1,927,066; Sept. 19.
- Composition of matter. J. A. Mortland and H. L. Smith. 1,894,628; Jan. 17.
- Composition of matter and making and using the same. M. J. Harvey. 1,939,773; Dec. 19.
- Composition of matter and making same. W. C. Arsem. 1,938,791; Dec. 12.
- Composition of matter and making the same. H. H. Jordan. 1,941,437; Dec. 26.
- Composition of matter and method of making. L. P. Rankin. 1,935,917; Nov. 21.
- Composition of matter and producing same. O. A. Cherry and F. Kurath. 1,896,069; Feb. 7.
- Composition of matter containing China-wood oil and cashew-nut shell liquid, and making it. V. A. Ryan. 1,927,220; Sept. 19.
- Composition of matter containing phenyl stearate, Cellulosic. H. B. Smith and S. J. Carroll. 1,901,129; Mar. 14.
- Composition of matter for building purposes. F. Reimann. 1,913,244; June 6.
- Composition of matter for selectively controlling metal pickling baths. J. H. Gravell. 1,932,015; Oct. 24.
- Composition of matter for use in producing leavened bakery products. C. H. MacIntosh. 1,936,636; Nov. 28.
- Composition of matter for use in treatment of diseases of the skin. O. Haraldson. 1,920,639; Aug. 1.
- Composition of matter with process for treating artificial grass. E. H. Haabestad. 1,897,900; Feb. 14.
- Compositions, Making hard metal. R. Palmer. 1,918,212; July 11.
- Compositions of hydrogen-peroxide-phosphate, Manufacture of. K. Vieweg. 1,914,312; June 13.
- Compositions resembling celluloid, Production of. E. Muench and F. Nicolai. 1,894,781; Jan. 17.
- Compotier. C. S. Keating. Des. 89,617; Apr. 18.
- Compound. W. R. Thurston. 1,916,289; July 4.
- Compound and preparing same, Vulcanizable. H. A. Morton. 1,893,869; Jan. 10.
- Compound body for the production of hollow drill steel. F. F. Gordon. 1,897,663; Feb. 14.
- Compound, Boiler. E. M. Partridge. 1,918,555; July 18.
- Compound film gate. L. S. Frappier and E. Boecking. 1,900,925; Mar. 14.
- Compound for treating sand molds, Parting. H. E. Beckman. 1,906,357; May 2.
- Compound for use in clothes washing. O. Mitchell and E. M. Flood. 1,925,843; Sept. 5.
- Compound for the treatment of silk and rayon. F. P. Miller. 1,929,705; Oct. 10.
- Compound including egg products, Edible. S. Tranin and J. C. Irwin, Jr. 1,895,694; Jan. 31.
- Compound metal stock. E. Kammerer. 1,904,241; Apr. 18.
- Compound of the abietene family. C. O. Henke and M. Charlton. 1,931,257; Oct. 17.
- Compound of the carbazole-3,6-disulphonic acids series. F. Muth and A. Schmelzer. 1,931,826; Oct. 24.
- Compound of the dibenzpyrenequinone series. G. Kränzlein, A. Wolfram, and E. Hausdörfer. 1,932,591; Oct. 31.
- Compound of the diphenyl-methane series and preparing the same. I. Gubelmann, H. J. Weiland, and O. Stallmann. 1,916,215; July 4.

- Compound oscillating engine. O. M. Gross. 1,935,503; Nov. 14.
- Compound pump. A. M. Herbsman and R. B. Campbell. 1,909,955; May 23.
- Compound tool. C. Balth. 1,924,015; Aug. 22.
- Compound tool. J. O. Dixon. 1,939,490; Dec. 12.
- Compound tubular fabric. J. A. Kennedy. 1,940,868; Dec. 26.
- Compounds in spent cooking liquors, Recovering and utilizing the valuable. G. A. Richter. 1,906,886; May 2.
- Compounds including hydrocarbons, Apparatus for making emulsified. R. H. Russell. 1,904,952; Apr. 18.
- Compounds from propylene, Production of. J. W. Woolcock. 1,938,162; Dec. 5.
- Compounds of aluminum fluoride-alkali-fluoride, Producing double. H. Specketer and J. Söll. 1,898,506; Feb. 21.
- Compounds of calcium and magnesium cyanides, Production of. C. Schumann, R. Fick, and E. Oberreit. 1,909,903; May 16.
- Compounds of calcium cyanide, Production of. C. Schumann, R. Fick and E. Oberreit. 1,934,823; Nov. 14.
- Compounds of polymerized vinyl esters and fatty oils. A. Eibner, W. O. Herrmann, W. Haebnel and M. Miller. 1,934,297; Nov. 7.
- Compounds of the amino-halo-indanthrene series and making them. W. Smith and J. Thomas. 1,917,466; July 11.
- Compounds of the 1-phenyl-2-amino-alcohols-1 series hydroxylated in the phenyl radical, Preparing. M. Bockmühl, G. Ehrhart, and L. Stein. 1,917,424; July 11.
- Compounds of the xanthene series. W. Schulemann, F. Mietzsch, and A. Wiegler. 1,902,104; Mar. 21.
- Compounds, Synthetic production of. F. Porter. 1,931,678; Oct. 24.
- Compress, High density. A. C. Barrows and F. A. Mickle. 1,910,276; May 23.
- Compressed gas switch. S. Ruppel. 1,909,871; May 16.
- Compressed gas switch. S. Ruppel. 1,937,482; Nov. 28.
- Compressing apparatus. W. B. Floyd and A. A. McCormack. 1,938,451; Dec. 5.
- Compression chamber, Adjustable. G. R. Poyer. 1,896,098; Feb. 7.
- Compression control device for internal combustion engines. J. O. Snyder. 1,925,086; Sept. 5.
- Compression coupling. A. C. Dobrick. 1,927,451; Sept. 19.
- Compression coupling. R. D. McIntosh. 1,927,464; Sept. 19.
- Compression ring. G. M. M. Grant. 1,903,107; Mar. 28.
- Compression type valve tool. A. E. Church. 1,928,219; Sept. 26.
- Compression unit for refrigerating systems. R. L. Alexander and J. R. McCallum. 1,925,166; Sept. 5.
- Compressor. H. H. Bixler. 1,934,402; Nov. 7.
- Compressor. D. F. Fesler. 1,905,455; Apr. 25.
- Compressor. B. Hoffmann. 1,915,997; June 27.
- Compressor. M. W. Kenney. 1,897,199; Feb. 14.
- Compressor. A. J. Kercher. 1,939,057; Dec. 12.
- Compressor. H. T. McCarthy. 1,925,332-3; Sept. 5.
- Compressor. R. M. Nardone. 1,915,266; June 20.
- Compressor. G. Neidl. 1,901,817; Mar. 14.
- Compressor. L. Ochtman, jr. 1,892,786; Jan. 3.
- Compressor. R. Paul. 1,894,701; Jan. 17.
- Compressor. M. H. Pendergast. 1,917,057; July 4.
- Compressor. A. E. Peters. 1,905,747; Apr. 25.
- Compressor. G. E. Roberts. 1,931,207; Oct. 17.
- Compressor. S. N. Soter. 1,923,333; Aug. 22.
- Compressor. J. A. Sparacino. 1,931,833; Oct. 24.
- Compressor. A. A. H. Tisserant. 1,923,519; Aug. 22.
- Compressor. L. L. Torrey. 1,916,130; June 27.
- Compressor. C. Wainwright. 1,938,472; Dec. 5.
- Compressor. L. E. Warner. 1,896,760; Feb. 7.
- Compressor. F. A. Wegener. 1,912,926; June 6.
- Compressor. E. Wilson. 1,929,996; Oct. 10.
- Compressor, Air. W. W. Paget. 1,919,252; July 25.
- Compressor and the like. J. Holloway. 1,930,011; Oct. 10.
- Compressor and vacuum pump. C. Pfeiffer. 1,895,816; Jan. 31.
- Compressor and valve therefor. G. C. Sutton and P. H. Witschge. 1,901,478; Mar. 14.
- Compressor apparatus. N. A. Christensen. 1,909,043; May 16.
- Compressor control. A. W. Ruff. 1,903,853; Apr. 18.
- Compressor controlling mechanism. L. J. Clapp. 1,914,594; June 20.
- Compressor, Diaphragm. W. R. Brown. 1,895,602; Jan. 31.
- Compressor discharge valve. J. L. Klabon. 1,931,198; Oct. 17.
- Compressor drive apparatus. N. A. Christensen. 1,917,429; July 11.
- Compressor-drive support for refrigerator cars. J. Kopsa and E. D. Brigham, jr. 1,931,897; Oct. 24.
- Compressor, Fluid. C. C. Farmer. 1,927,931; Sept. 26.
- Compressor mechanism. L. J. Clapp. 1,918,247; July 18.
- Compressor, Multistage rotary. P. E. Good. 1,917,029; July 4.
- Compressor or pump. E. Wilson. 1,929,997-9; Oct. 10.
- Compressor piston or the like. B. S. Aikman. 1,937,541; Dec. 5.
- Compressor, Portable. W. Prellwitz. 1,904,082; Apr. 18.
- Compressor, Rotary. J. C. Buchanan and E. F. Hubacker. 1,913,657; June 13.
- Compressor, Rotary. E. Kägi. 1,893,171; Jan. 3.
- Compressor, Rotary. J. R. Price. 1,915,800; June 27.
- Compressor, Rotary. A. Zoller. 1,940,384; Dec. 19.
- Compressor, Steam driven fluid. B. H. Thompson. 1,919,402; July 25.
- Compressor unit. H. B. Hull. 1,922,092; Aug. 15.
- Compressor unloader. J. C. McCune. 1,895,480; Jan. 31.
- Compressor valve. A. E. Dempsey, jr. 1,938,218; Dec. 5.
- Compressors for the supply of internal combustion engines, Driving rotary. C. R. Waseige. 1,897,684; Feb. 14.
- Compressors, Lubrication of. B. T. Giddens. 1,931,222; Oct. 17.
- Compressors, Means for regulating crankless motor. R. Witkiewicz and A. Wicinski. 1,918,882; July 18.
- Compressors, Start stop unloader for multiple stage. J. Le Valley. 1,909,972; May 23.
- Compressors, System and method of lubricating. E. T. Williams. 1,895,092; Jan. 24.
- Computer, Altitude temperature correction. G. P. Luckey. 1,918,188; July 11.
- Computing instrument. N. J. Meagher. 1,940,177; Dec. 19.
- Computing machine. H. P. Cato. 1,913,068; June 6.
- Computing machine. F. A. Hart. 1,931,384; Oct. 17.
- Computing machine. S. L. Walsoe. 1,908,157; May 9.
- Computing machine, Motor driven. C. Hamann. 1,912,153; May 30.
- Computing machines, Motor driven actuating mechanism for. O. J. Sundstrand. 1,925,735; Sept. 5.
- Concave to separate dust from cigarette machine feeds, Interrupted. E. D. Smith. 1,915,554; June 27.
- Concealed hinge. F. H. Schwartz. 1,925,209; Sept. 5.
- Concentrates of vitamins and making same, Solid. A. Seidell. 1,937,671; Dec. 5.
- Concentration system, Automatic. G. S. Vernam. 1,910,867; May 23.
- Concentrator, Dry. I. C. Lightfoot. 1,918,343; July 18.
- Centrically expanding brake. E. P. Renaux. 1,928,074; Sept. 26.
- Concrete aggregate proportioning apparatus, Automatic. B. and R. J. Noble. 1,897,490; Feb. 14.
- Concrete aggregates, Apparatus for heating, thawing, and drying. C. S. Johnson. 1,926,724; Sept. 12.
- Concrete anchoring device. S. A. Holmes. 1,940,545; Dec. 19.
- Concrete and like plastic substances, Apparatus for molding. F. Schlagintweit. 1,917,738; July 11.
- Concrete and the like, Method and apparatus for treatment of. W. H. Horsch. 1,932,520; Oct. 31.
- Concrete, Apparatus for mixing. W. A. Jaicks. 1,919,220; July 25.
- Concrete, Apparatus for mixing. W. A. Jaicks. 1,919,724; July 25.
- Concrete, Apparatus for mixing. W. A. Jaicks. 1,922,368; Aug. 15.
- Concrete, Apparatus for transporting. E. A. Hoffmann. 1,926,622; Sept. 12.
- Concrete, Apparatus for transporting. E. A. Hoffmann. 1,926,624; Sept. 12.
- Concrete-block mold. P. F. Pandolfi. 1,925,733; Sept. 5.
- Concrete block molding machine. K. T. Romie. 1,921,003; Aug. 8.
- Concrete block molding machine. C. C. H. Thomas. 1,905,975; Apr. 25.
- Concrete blocks, slabs, and like articles, Apparatus for centrifugally molding. R. Williams. 1,931,597; Oct. 24.
- Concrete bodies and porous ceramic products with bituminous material, Impregnating. E. C. Wallace. 1,937,417; Nov. 28.
- Concrete building. R. C. Olmsted. 1,924,801; Aug. 29.
- Concrete, Coated. P. J. Maul and M. Hoffman. 1,900,833; Mar. 7.
- Concrete columns, Method and apparatus for forming. L. Hart and F. A. Schroeder. 1,931,845; Oct. 24.
- Concrete construction. W. J. Dvorak. 1,914,112; June 13.
- Concrete construction. H. Etheridge. 1,913,707; June 13.
- Concrete construction. H. F. Young. 1,922,340; Aug. 15.
- Concrete construction and building same, Reinforced. S. Kent. 1,898,304; Feb. 21.
- Concrete construction, Reinforced. H. G. Larzelere. 1,911,626; May 30.
- Concrete, Curing. W. K. Schweitzer. 1,899,590; Feb. 28.
- Concrete delivery. H. J. Shaw. 1,894,129; Jan. 10.
- Concrete floor construction. M. S. Goldsmith. 1,924,035; Aug. 22.
- Concrete floor construction. H. F. Young. 1,928,748; Oct. 3.
- Concrete-floor construction and mold therefor. J. Brunle, and A. Wegenman. 1,925,229; Sept. 5.
- Concrete floor structure. H. F. Young. 1,938,887; Dec. 12.
- Concrete floors, Apparatus for forming. H. W. Roos. 1,907,878; May 9.
- Concrete floors, Apparatus for laying. H. W. Roos. 1,907,877; May 9.
- Concrete form board truing holder. A. Zanella. 1,905,616; Apr. 25.
- Concrete form construction apparatus. P. A. Jones. 1,920,645; Aug. 1.
- Concrete insert. S. C. Awbrey. 1,929,835; Oct. 10.
- Concrete insert. S. C. Awbrey. 1,933,536; Nov. 7.
- Concrete insert, Adjustable. P. N. Joslin. 1,922,479; Aug. 22.
- Concrete joint. J. N. Heltzel. 1,903,456; Apr. 11.
- Concrete joist block. C. L. Sanford. 1,933,600; Nov. 7.

- Concrete laying machine. D. G. Clifford. 1,897,605; Feb. 14.
- Concrete, Making. R. M. Burns. 1,903,976; Apr. 18.
- Concrete, Method of and machine for conveying. E. Bongardt. 1,940,529; Dec. 19.
- Concrete, Method and mechanism for agitating. K. E. Canfield. 1,934,116; Nov. 7.
- Concrete mine-tunnel timbering structure. P. Moisseff-Musoratt. 1,909,706; May 16.
- Concrete mixer. A. Bickel. Re18,888; May 23.
- Concrete mixer. E. Freyssinet. 1,931,956; Oct. 24.
- Concrete mixer. G. Jaeger and J. Eggert. 1,928,380; Sept. 26.
- Concrete mixer. A. Knowles. 1,922,700; Aug. 15.
- Concrete mixer. F. E. Mascetti and A. D. Bruno. 1,921,685; Aug. 8.
- Concrete mixer and agitator, Transit. C. F. Ball. 1,908,811; May 16.
- Concrete mixer and placer, Combination. G. Fortier. 1,923,303; Aug. 22.
- Concrete mixer, Transit. H. P. Paris. 1,919,073; July 18.
- Concrete mixers, Consistency controlling mechanism for. P. P. Yohe. 1,904,025; Apr. 18.
- Concrete mixing and distributing apparatus. J. E. Bushnell and J. C. Lukachovic. Re18,764; Mar. 14.
- Concrete mixing apparatus. R. F. Lindow. 1,903,416; Apr. 4.
- Concrete pile. O. A. Mechlin. 1,936,540; Nov. 21.
- Concrete piles, Apparatus for forming. O. A. Mechlin. 1,936,541; Nov. 21.
- Concrete piles in the ground, Apparatus for forming. A. C. Titcomb. 1,910,939; May 23.
- Concrete pipe. B. J. Ukropina. 1,913,779; June 13.
- Concrete pipe joint. B. J. Ukropina. 1,913,777-8; June 13.
- Concrete pipe joint. B. J. Ukropina. 1,938,229; Dec. 5.
- Concrete pipe joint. B. J. Ukropina. 1,938,232; Dec. 5.
- Concrete pipe making machine. B. J. Ukropina. 1,938,230; Dec. 5.
- Concrete pipe, pole, column, and the like. J. H. Sherrard. 1,910,643; May 23.
- Concrete placing equipment. M. C. De Wolfe. 1,921,351; Aug. 8.
- Concrete pole, Reinforced. J. Pfistershammer. 1,932,671; Oct. 31.
- Concrete, Producing colored. F. H. Amon. 1,910,419; May 23.
- Concrete products, Making faced. W. H. Crume. 1,899,137; Feb. 28.
- Concrete reinforcement, Securing and supporting device for. D. E. Priest. 1,921,538; Aug. 8.
- Concrete reinforcing and tying means. W. F. Schulz. 1,939,417; Dec. 12.
- Concrete silo wall member. W. O. Brassert. 1,892,864; Jan. 3.
- Concrete slab structure. J. W. Thompson. 1,923,645; Aug. 22.
- Concrete sleeper, Reinforced. C. Lössl. 1,939,313; Dec. 12.
- Concrete spreading means. J. F. Robb. 1,907,668; May 9.
- Concrete stirring device. C. B. Morrow. 1,898,201; Feb. 21.
- Concrete structural member. H. W. Schlueter. 1,906,108; Apr. 25.
- Concrete surfaces during curing, Protecting. P. C. Lemmerman and R. F. Remler. 1,899,576; Feb. 28.
- Concrete, Treating. E. A. Hoffmann. 1,926,623; Sept. 12.
- Concrete ventilating block. G. T. Richards. 1,914,294; June 13.
- Concrete wall and building and finishing same. H. B. Olney. 1,924,724; Aug. 29.
- Concrete wall construction. F. A. Reinhard. 1,917,062; July 4.
- Condensate evacuation. H. G. Cram. 1,919,416; July 25.
- Condensate removal apparatus. H. F. Schmidt. 1,930,064; Oct. 10.
- Condensation of moisture from flue gases, Preventing. G. G. Schmidt. 1,928,822; Oct. 3.
- Condensation meter. C. H. Sparklin. 1,896,429; Feb. 7.
- Condensation on the inside surface of a show case window, Apparatus for preventing. G. B. Burnside. 1,922,927; Aug. 15.
- Condensation product and making same. R. Robinson. 1,923,798; Aug. 22.
- Condensation product and preparing the same, Water soluble. K. Dachlauer and C. Thomsen. 1,912,260; May 30.
- Condensation product and process. R. W. Belfit. 1,898,754; Feb. 21.
- Condensation product and producing same, Phenolic. L. V. Redman, A. J. Weith and F. P. Brock. 1,924,514; Aug. 29.
- Condensation product from halogenated phenyls and aldehydes. M. Weiler, K. Berres, B. Wenk, and H. Stötter. 1,906,890; May 2.
- Condensation product from urea and an alcohol or a ketone and preparing them. M. Paquin. 1,924,253; Aug. 29.
- Condensation product of cinchona bark alkaloids with thiam sulphides. R. E. Lawrence. 1,923,056; Aug. 15.
- Condensation product of cinchona bark alkaloids with thiam sulphides as inhibitors. R. E. Lawrence. 1,905,915; Apr. 25.
- Condensation product of formaldehyde and urea and making the same. L. Smith. Re18,943; Sept. 12.
- Condensation product of isatin-anilide and substituted antrones and producing same. E. Zahn. 1,902,929; Mar. 28.
- Condensation product of polyvinyl alcohol with cyclic ketones and preparing it. G. Kränzlein, A. Voss and W. Starck. 1,933,986; Nov. 7.
- Condensation products and making same, New. K. Keller. 1,906,229; May 2.
- Condensation products and the products produced, Producing water-soluble. R. Muller. 1,902,515; Mar. 21.
- Condensation products from aliphatic aldehydes and bases of the naphthalene series. E. Rietz and W. Hoffmann. 1,900,365; Mar. 7.
- Condensation products from carbazole compounds and olefines, Manufacture of. R. Michel. 1,916,629; July 4.
- Condensation products from diolefines and hydrocarbons, Manufacture of. F. Hofmann and A. Michael. 1,934,123; Nov. 7.
- Condensation products from phenols and aldehydes, Hardening of. F. Schmidt. 1,927,375; Sept. 19.
- Condensation products from urea and formaldehyde, Manufacture of. O. Neuss. 1,914,957; June 20.
- Condensation products, Making acetylene. P. Schetelig and T. Sutter. 1,893,249; Jan. 3.
- Condensation products of a urea and formaldehyde, Manufacture of. W. von Knilling. 1,920,451; Aug. 1.
- Condensation products of aromatic compounds, Manufacture of sulphonated. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 1,928,647; Oct. 3.
- Condensation products of carbohydrates with sulphuric acid and aromatic hydrocarbons. A. O. Jaeger. 1,938,966; Dec. 12.
- Condensation products of 1,5-dihalogenanthraquinones, Production of. P. Nawiasky and G. Kretzschmar. 1,929,847; Oct. 10.
- Condensation products of 1,4,5,8-naphthalene-tetracarboxylic acid and preparing it, Mono-molecular. W. Eckert and O. Braunsdorf. 1,924,090; Aug. 29.
- Condensation products of resinic acids. H. Krzikalla and W. Wolff. 1,940,092; Dec. 19.
- Condensation products of the anthraquinone series. G. Kraenzlein and E. Diefenbach. 1,902,083; Mar. 21.
- Condensation products of the anthraquinone series. W. Mieg, B. Stein, and W. Trautner. 1,932,594; Oct. 31.
- Condensation products of the anthraquinone series. P. Nawiasky and B. Stein. 1,936,948; Nov. 28.
- Condensation products of the anthraquinone series and making same. H. Scheyer. 1,938,043; Dec. 5.
- Condensation pump. C. T. Knipp. 1,915,464; June 27.
- Condensation system, Vacuum. V. Rosenhagen. 1,919,306; July 25.
- Condenser: See—
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| Adjustable condenser. | Oil impregnated condenser. |
| Cotton condenser. | Radiator condenser. |
| Electric condenser. | Refrigerator condenser. |
| Electrical condenser. | Short wave condenser. |
| Electrolytic condenser. | Small capacity condenser. |
| Electrostatic condenser. | Surface condenser. |
| Gang condenser. | Tape condenser. |
| High frequency condenser. | Vapor condenser. |
| Metallurgical condenser. | Variable condenser. |
| Mica condenser. | Variable electric condenser. |
| Modifiable condenser. | |
- Condenser. P. A. Bancel. 1,919,190; July 25.
- Condenser. R. B. Benjamin. 1,898,808; Feb. 21.
- Condenser. H. E. Byer. 1,929,403; Oct. 10.
- Condenser. E. L. Cahoon. 1,894,753; Jan. 17.
- Condenser. A. De Clairmont. 1,917,212; July 4.
- Condenser. N. Deisch. 1,896,942; Feb. 7.
- Condenser. R. N. Ehrhart. 1,922,843; Aug. 15.
- Condenser. P. E. Gilling. 1,911,360; May 30.
- Condenser. E. A. Hampson. 1,896,081; Feb. 7.
- Condenser. F. T. Harding. 1,893,366; Jan. 3.
- Condenser. A. J. Hlatky. 1,913,547; June 13.
- Condenser. W. J. Homer. 1,924,435; Aug. 29.
- Condenser. H. W. Houck. 1,934,192; Nov. 7.
- Condenser. P. J. McIntyre. 1,940,963; Dec. 26.
- Condenser. F. A. Meyer. 1,894,279; Jan. 17.
- Condenser. A. Nymman. 1,907,860; May 9.
- Condenser. R. B. Parker. 1,895,294; Jan. 24.
- Condenser. J. R. Replogle. 1,921,243; Aug. 8.
- Condenser. C. Ringwald. 1,898,789; Feb. 21.
- Condenser. S. Siegel. 1,926,458; Sept. 12.
- Condenser. J. H. Smith. 1,935,822; Nov. 21.
- Condenser. H. Torrance. 1,908,463; May 9.
- Condenser and apparatus for operating and supporting the same, Variable. C. M. Wilcox. 1,932,498; Oct. 31.
- Condenser and coupling device, Variable. H. A. Snow. 1,913,007; June 6.
- Condenser and like heat exchange apparatus. F. C. W. Wilkinson. 1,941,194; Dec. 26.
- Condenser and making the same. R. O. Lewis. 1,900,352; Mar. 7.
- Condenser and making the same, Fixed. O. Blake and H. Beyer. 1,900,093; Mar. 7.
- Condenser and similar heat exchange apparatus, Tubular. F. C. W. Wilkinson. 1,936,815; Nov. 28.
- Condenser and steam generator, Mercury vapor. C. E. Lucke. 1,919,029; July 18.
- Condenser and water preheater, Steam. W. L. and H. L. McLaughlin, and V. Ballous. 1,931,136; Oct. 17.
- Condenser apparatus. E. F. Miller, E. H. Lane, and C. B. Tuley. 1,923,274; Aug. 22.

- Condenser circulating system, Marine. H. F. Schmidt. 1,893,039; Jan. 3.
- Condenser construction. R. A. Lane. 1,913,553; June 13.
- Condenser construction. R. A. Lane. 1,926,051; Sept. 12.
- Condenser control apparatus. F. L. Kallam. 1,901,104; Mar. 14.
- Condenser control device. F. L. Kallam. 1,940,803; Dec. 26.
- Condenser device, Electrical. J. E. Lillienfeld. 1,906,691; May 2.
- Condenser dial construction, Variable. L. W. Bailey. 1,907,473; May 9.
- Condenser, Extreme loading. G. W. Pickard. 1,918,825; July 18.
- Condenser for film-projectors. F. W. Gehrke. 1,932,817; Oct. 31.
- Condenser for refrigerating machines. R. W. Ayres. 1,913,186; June 6.
- Condenser frame construction. E. H. Tompkins. 1,932,328; Oct. 24.
- Condenser light. T. W. Case. 1,935,940; Nov. 21.
- Condenser lightning protection device. A. O. Austin. 1,923,564; Aug. 22.
- Condenser motor. J. Hanning. 1,934,060; Nov. 7.
- Condenser plate, Built-up. W. H. Campbell, W. C. Ellsworth, and C. J. Madsen. 1,905,264; Apr. 25.
- Condenser support. G. W. Pickard. 1,915,692; June 27.
- Condenser system, Variable. R. H. Langley. 1,939,856; Dec. 19.
- Condenser tester. B. J. Haskins. 1,906,466; May. 2.
- Condenser tester. L. T. Rhoades. 1,908,052; May 9.
- Condenser tube. L. H. Spanyl. 1,937,600; Dec. 5.
- Condenser unit for refrigerating apparatus. S. Moore. 1,900,865; Mar. 7.
- Condenser with group clamps. W. M. Bailey. 1,938,792; Dec. 12.
- Condensers and preparing electrodes therefor, Making electrolytic. S. Ruben. 1,909,506; May 16.
- Condensers and the like, System for indicating working conditions of. R. G. Reynoldson. 1,917,810; July 11.
- Condensers, Apparatus and method for manufacturing. P. S. Edwards and D. Barbulessco. 1,939,883; Dec. 19.
- Condensers, Apparatus for correcting variable. N. Deisch. 1,896,885; Feb. 7.
- Condensers, Impregnation of electrical. M. Kevelson. 1,899,155; Feb. 28.
- Condensers, Making electrical. W. Dubilier. 1,926,842; Sept. 12.
- Condensers, Making electrical. R. E. Park, jr. 1,904,876; Apr. 18.
- Condensers, Making electrical. W. Scheppmann. 1,892,755; Jan. 3.
- Condensers, Producing electrical. G. Steerup. 1,893,342; Jan. 3.
- Condensing and purifying vapors and gases, Method and apparatus for. W. H. McGrath. 1,917,895; July 11.
- Condensing apparatus. J. de Chamberlat. 1,920,681; Aug. 1.
- Condensing apparatus. O. Conradty. 1,932,954; Oct. 31.
- Condensing apparatus. J. Kirgan. 1,900,504; Mar. 7.
- Condensing or reducing device for textile slivers. F. Casablanca. 1,926,475; Sept. 12.
- Condensing system. J. H. Smith. 1,894,284; Jan. 17.
- Condiment holder. B. Belefant. 1,927,149; Sept. 19.
- Condiment holder. F. J. Hoyer. 1,925,962; Sept. 5.
- Condiment holder. R. G. Schwarz and A. H. Vorbusch. 1,931,088; Oct. 17.
- Condiment holder. R. G. Schwarz and A. H. Vorbusch. 1,931,090; Oct. 17.
- Condition control apparatus. H. J. Smith. 1,896,207; Feb. 7.
- Conditioner and agitator. A. C. Daman. 1,921,220; Aug. 8.
- Conditioning and ventilating system. S. H. Downs. 1,928,331; Sept. 26.
- Conditioning system. S. H. Downs. 1,928,332; Sept. 26.
- Conductivity cell. H. C. Parker. 1,912,997; June 6.
- Conductor and ground wire support. L. E. Hendee. 1,928,622; Oct. 3.
- Conductor and making the same, Insulated. B. H. Reeves. 1,895,400; Jan. 24.
- Conductor attachment. A. O. Austin. 1,902,009; Mar. 21.
- Conductor clamp. A. O. Austin. 1,902,008; Mar. 21.
- Conductor clamp. K. A. Hawley. 1,937,517; Dec. 5.
- Conductor disconnecter. J. Rah. 1,911,647; May 30.
- Conductor, Electric. E. J. Schneider and M. B. Bradt. 1,938,668; Dec. 12.
- Conductor, Electric hollow. G. Zapf. 1,893,120; Jan. 3.
- Conductor, Fluid insulated. J. D. Hilliard. 1,918,036; July 11.
- Conductor, High voltage. H. D. Rice. 1,940,511; Dec. 19.
- Conductor, Insulated. J. W. Greenleaf. 1,938,626; Dec. 12.
- Conductor, Insulated electrical. A. A. Benner and R. A. Schatzel. 1,905,789; Apr. 25.
- Conductor, Insulated electrical. M. T. Harvey. 1,939,301; Dec. 12.
- Conductor, Leading in. H. T. O'Neill. 1,908,859; May 16.
- Conductor manifold for current distributors. H. C. Snow. 1,913,964; June 13.
- Conductor of electric currents, Integral unilateral. W. T. Anderson, jr., and L. F. Bird. 1,894,260; Jan. 17.
- Conductor, Rubber insulated electrical. H. D. Rice. 1,936,994; Nov. 28.
- Conductor sets in cables, System for transposition of. H. Nyquist. 1,922,138; Aug. 15.
- Conductor support. S. S. Matthes. 1,901,401; Mar. 14.
- Conductor support, Electrical. W. J. Bauroth. 1,934,784; Nov. 14.
- Conductor supporting means. E. G. Earnhardt. 1,916,100; June 27.
- Conductor system, Coaxial. E. I. Green. 1,937,652; Dec. 5.
- Conductor system, Concentric. A. Carpe and F. A. Leibe. 1,900,976; Mar. 14.
- Conductor system, Parallel. L. Tonks. 1,894,134; Jan. 10.
- Conductor, Tapping a. W. C. Tinus. 1,901,938; Mar. 21.
- Conductor with knitted tubular covering, Flexible electric. F. Meilwald. 1,936,519; Nov. 21.
- Conductors, Ascertaining the integrity of two-line. B. E. O'Hagan. 1,909,711; May 16.
- Conductors, Heat treating loaded. V. E. Legg. 1,909,367; May 16.
- Conductors, Insulating electric. I. Kitsée. 1,913,889; June 13.
- Conductors, Insulation of inclosed electric. C. D. Ainsworth. 1,914,551; June 20.
- Conductors, Manufacture of loaded electric signaling. W. S. Smith, H. J. Garnett, and J. N. Dean. 1,901,005; Mar. 14.
- Conductors, Manufacture of loaded electric signaling. W. S. Smith, H. J. Garnett, and J. N. Dean. 1,925,611; Sept. 5.
- Conductors, Measuring and indicating properties of. A. Allen. 1,924,087; Aug. 29.
- Conductors, Process and apparatus for treating. A. O. Austin. 1,912,170; May 30.
- Conduit. V. Bendix. 1,900,091; Mar. 7.
- Conduit. M. H. Gysling. 1,931,465; Oct. 17.
- Conduit. L. S. Hamer. 1,938,829; Dec. 12.
- Conduit. W. D. Kyle and W. G. Johnson. 1,919,734; July 25.
- Conduit. A. Rosner. 1,915,003; June 20.
- Conduit and plug outlet, Molding electric wire. E. Wilson. 1,914,317; June 13.
- Conduit, Apparatus for forming a continuous concrete. J. J. Prowant. 1,911,163; May 23.
- Conduit block making apparatus. R. M. La Due. 1,937,350; Nov. 28.
- Conduit box. G. C. Thomas, jr. 1,906,669; May 2.
- Conduit box. G. C. Thomas, jr. 1,909,136; May 16.
- Conduit clamp for connecting boxes. W. Goesselman. 1,914,635; June 20.
- Conduit connection. O. Junggren. 1,900,561; Mar. 7.
- Conduit connection for compressors. F. D. Peltier. 1,900,661; Mar. 7.
- Conduit construction. H. W. Jewell. 1,936,842; Nov. 28.
- Conduit coupling and lubricant flow control device. C. G. Butler. 1,897,660; Feb. 14.
- Conduit coupling and the like. M. Muto. 1,928,316; Sept. 26.
- Conduit driving mechanism. V. S. McKenny. 1,894,446; Jan. 17.
- Conduit fitting. A. L. Garford. 1,895,791; Jan. 31.
- Conduit, Flanged. R. W. Bailey. 1,936,420; Nov. 21.
- Conduit, Flexible. R. F. Kohr. 1,940,456; Dec. 19.
- Conduit, Flexible. M. O. McLaughlin. 1,915,100; June 20.
- Conduit, Flexible. J. Sneed. 1,916,896; July 4.
- Conduit, Flexible metallic. C. O. Hull. 1,939,451; Dec. 12.
- Conduit, Fluid pressure articulated. J. G. Blunt. 1,893,194; Jan. 3.
- Conduit for conveying fluids at high pressure, Long distance. A. Heyl. 1,906,855; May 2.
- Conduit for subway cables. E. Burke. 1,905,794; Apr. 25.
- Conduit, Insulated electrical. C. A. Barker. 1,914,097; June 13.
- Conduit, Threadless fitting. A. Olevin. 1,904,627; Apr. 18.
- Conduit trimmer. G. Anderson. 1,915,350; June 27.
- Conduits and stringing cables therethrough, Apparatus for cleaning. J. Guthrie. 1,933,624; Nov. 7.
- Conduits, Apparatus for expanding. H. K. Rader. 1,938,194; Dec. 5.
- Conduits, Sealing. O. A. Knopp. 1,925,538; Sept. 5.
- Cone. R. Moskowitz. 1,914,894; June 20.
- Cone brake. J. P. O'Brien. 1,931,901; Oct. 24.
- Cone machine. A. Levy. 1,920,650; Aug. 1.
- Cone making machine. A. A. Holland. 1,921,160; Aug. 8.
- Cone or similar article, Ice cream. J. L. Harmsen. Des. 89,341; Feb. 28.
- Cone type brake, Screw actuated. C. G. Wood. 1,932,998; Oct. 31.
- Cone winding apparatus. J. H. Barnes. 1,920,836; Aug. 1.
- Cone winding means. K. Baumert and K. Schieck. 1,935,931; Nov. 21.
- Confection. E. B. Cloud. 1,933,367; Oct. 31.
- Confection. M. G. O'Leary. Des. 90,591; Aug. 29.
- Confection. F. A. Thomson. 1,915,392; June 27.
- Confection. J. W. West. Des. 91,047; Nov. 14.
- Confection and making same. E. M. Morrow. 1,926,347; Sept. 12.
- Confection and making the same. J. F. Robb. 1,923,587; Aug. 22.
- Confection and making the same, Sugar-free. F. H. Manter. 1,930,527; Oct. 17.

- Confection bar, Ice cream. B. R. J. Hassell. 1,901,394; Mar. 14.
- Confection, Frozen. M. Skowowski. 1,929,906; Oct. 10.
- Confection machine. J. L. Biggs. 1,902,755; Mar. 21.
- Confection maintenance apparatus, Frozen. R. D. Glass. 1,912,577; June 6.
- Confection, Making a coated frozen. A. Balian. 1,893,513; Jan. 10.
- Confection mold. J. W. West. 1,930,916; Oct. 17.
- Confection package, Frozen. L. K. Salsburg. 1,894,199; Jan. 10.
- Confection support and toy. A. W. Zitzman. 1,936,816; Nov. 28.
- Confectionery, Apparatus for the manufacture of. O. Kremmling. 1,932,345; Oct. 24.
- Confectionery dipping process and apparatus. J. W. and F. W. Greer. 1,932,930-1; Oct. 31.
- Confectionery of the gum drop type, Manufacture of. J. M. Krno and A. Schildberger. 1,928,901; Oct. 3.
- Confections and the like, Preparing fruit. L. Wickenden. 1,906,295; May 2.
- Confections, Apparatus for the manufacture of frozen. H. C. Schranck. 1,912,352; May 30.
- Confections, Making frozen. C. B. Chauvin. 1,935,735; Nov. 21.
- Confections, Making frozen. H. Falkendorf. 1,919,692; July 25.
- Confection, Making grained. J. M. Krno and A. Schildberger. 1,939,990; Dec. 19.
- Confections, Method and apparatus for decorating. A. L. Bausman. 1,911,875; May 30.
- Confections, Method and apparatus for making. A. L. Bausman. 1,916,960; July 4.
- Conical joint. C. H. True. 1,896,261; Feb. 7.
- Connected bearing. G. W. Dewees. 1,908,474; May 9.
- Connector. *See*—
- Adjustable connector. Faucet connector.
 - Bath spray or like connector. Fixture connector.
 - Battery post terminal connector. Ground connector.
 - Battery terminal connector. Helical connector.
 - Cable connector. Inductance connector.
 - Chain connector. Intercell connector.
 - Circuit connector. Line tap connector.
 - Dustproof connector. Mop connector.
 - Electric connector. Pipe connector.
 - Electric lead connector. Plug connector.
 - Electric plug connector. Rod connector.
 - Electric service connector. Rotatable connector.
 - Electric swivel connector. Terminal connector.
 - Electric terminal connector. Train pipe connector.
 - Electrical connector. Vibration-absorbing connector.
 - Electrical ground connector. Wire connector.
- Connector. R. A. Bell. 1,933,304; Oct. 31.
- Connector. T. F. Johnson. 1,900,990; Mar. 14.
- Connector. T. F. Johnson. 1,934,126; Nov. 7.
- Connector. R. C. McAllister. 1,902,038; Mar. 21.
- Connector. W. R. Pounder. 1,925,403; Sept. 5.
- Connector. C. A. Rowley. 1,911,395; May 30.
- Connector and attaching the same. W. G. Christopherson. 1,926,263; Sept. 12.
- Connector and connector socket, Rigid bailed. H. D'Oller, jr. 1,914,993; June 20.
- Connector and metallic hose therefor, Train-pipe. L. D. Woodruff. 1,934,960; Nov. 14.
- Connector, Automatic train pipe. J. Robinson. 1,920,279; Aug. 1.
- Connector casing, Electrical appliance plug. R. A. Miller-master. Des. 90,814; Oct. 3.
- Connector, Electrical. J. G. Peterson. 1,918,126; July 11.
- Connector for cable terminators, Flexible. J. Rah. 1,901,665; Mar. 14.
- Connector for connecting movable electric lines. P. E. F. Krüger. 1,908,764; May 16.
- Connector for electric appliances. H. H. Wermine. 1,909,140; May 16.
- Connector for electrical appliances. H. G. Baker. 1,895,120; Jan. 24.
- Connector for electrical appliances. H. A. Baum. 1,894,751; Jan. 17.
- Connector for neon tubes. C. U. Page. 1,940,368; Dec. 19.
- Connector for radio apparatus, Aerial. C. Dakan. 1,940,997; Dec. 26.
- Connector for railway rails. J. V. Palmer. 1,893,208; Jan. 3.
- Connector for repairing metallic measuring tapes. C. B. Alexander. 1,906,128; Apr. 25.
- Connector or clamp, Solderless wire. E. T. Hagist. 1,939,813; Dec. 19.
- Connector plug. S. E. Guinn. 1,936,014; Nov. 21.
- Connector support. H. D'Oller, jr. 1,908,587; May 9.
- Connectors, Apparatus for automatic train pipe. M. A. Barber. 1,939,485; Dec. 12.
- Connectors for woven wire conveyor belts. C. E. Pink. 1,895,345; Jan. 24.
- Connectors, Making. W. G. Christopherson. 1,933,705; Nov. 7.
- Connecting arrangement for discharging devices. L. Körös. 1,928,858; Oct. 3.
- Connecting branches to mains. D. D. Ransdell and R. M. Dulin, jr. 1,907,188; May 2.
- Connecting device. C. D. Knowlton. 1,929,533; Oct. 10.
- Connecting device for electric discharge tubes. P. Schouwstra. 1,933,344; Oct. 31.
- Connecting device for electrical conductors. C. A. Bay. 1,919,457; July 25.
- Connecting device for trolley wire supports. S. S. Matthes. 1,927,214; Sept. 19.
- Connecting-fitting for electrical systems. W. H. Vibber. 1,939,191; Dec. 12.
- Connecting means. A. Alsaker. 1,918,441; July 18.
- Connecting means. W. F. Nanstiel. 1,912,493; June 6.
- Connecting means for ophthalmic mountings and the like. E. L. Schumacher. 1,893,964; Jan. 10.
- Connecting mechanism for straight knitting machines. Frictional. L. White. 1,893,312; Jan. 3.
- Connecting ring. E. A. Leary. 1,921,978; Aug. 8.
- Connecting rod. S. G. Baits and R. H. Whisler. 1,936,101; Nov. 21.
- Connecting rod. J. T. Onstott. 1,903,064; Mar. 28.
- Connecting rod construction for radial engines. L. M. Bowman. 1,895,700; Jan. 31.
- Connecting rod end. H. A. Hayden. 1,903,863; Apr. 18.
- Connecting rod gauge. A. L. and R. H. Miller. 1,910,174; May 23.
- Connecting rods, Babbitting double. W. J. Fiegel. 1,894,558; Jan. 17.
- Connecting truss for drain pipes. D. W. Longfellow. 1,941,358; Dec. 26.
- Connecting unit and forming same, Permanent. N. Skillman. 1,898,100; Feb. 21.
- Connecting unit for shock absorbers and the like. N. Skillman. 1,909,430; May 16.
- Connection. C. H. Taylor. 1,934,456; Nov. 7.
- Connection, Adjustable flue. A. Yurkovitch. 1,919,678-9; July 25.
- Connection, Air bag. R. C. Bateman. 1,897,949; Feb. 14.
- Connection and forming the same, Main and lateral. C. E. Van Hecke. 1,895,827; Jan. 31.
- Connection attachment for carburetors and governors, Selective. G. W. Pierce and F. D. Biddle. 1,932,802; Oct. 31.
- Connection, Automobile arm and rod. E. K. Baker. 1,898,334; Feb. 21.
- Connection, Ball-and-socket. D. Benjamin. 1,923,414; Aug. 22.
- Connection, Ball and socket. N. Skillman. 1,916,744; July 4.
- Connection, Battery terminal. L. E. Erickson and A. A. Hammons. 1,894,984; Jan. 24.
- Connection, Brake-operating. W. J. Andres. 1,921,146; Aug. 8.
- Connection, Brake operating. E. G. McDonald. 1,900,123; Mar. 7.
- Connection, Combination hot and cold water. H. P. Hess. 1,917,033; July 4.
- Connection, Connecting rod. R. P. Wagner. 1,904,180; Apr. 18.
- Connection, Coupler and yoke. W. A. Geiger. 1,900,549; Mar. 7.
- Connection, Coupler and yoke. E. H. Lehman. 1,934,866; Nov. 14.
- Connection, Coupler shank and yoke. E. H. Schmidt. 1,936,371; Nov. 21.
- Connection device. H. J. L. Frank. 1,931,318; Oct. 17.
- Connection, Draft. R. C. Livesay. 1,906,322; May 2.
- Connection, Draft. L. A. Paradise and W. J. Coultas. 1,935,987; Nov. 21.
- Connection, Electric circuit. M. W. McArdle. 1,901,977; Mar. 21.
- Connection, Electric cord plug-in. L. E. Austin. 1,909,648; May 16.
- Connection, Electric terminal. J. Levin. 1,928,157; Sept. 26.
- Connection, Electrical. P. S. Bear. 1,899,254; Feb. 28.
- Connection, Electrical. G. L. Chamberlain. 1,897,630; Feb. 14.
- Connection, Electrical and mechanical. A. Tauber. 1,924,334; Aug. 29.
- Connection, Electrical take-off. M. M. Clayton. 1,936,081; Nov. 21.
- Connection, Flexible. H. W. Bell. 1,894,973; Jan. 24.
- Connection, Flexible. C. C. Blake. 1,910,880; May 23.
- Connection, Flexible. F. W. Kulicke. 1,941,095; Dec. 26.
- Connection, Flexible. F. W. Peters. 1,926,858; Sept. 12.
- Connection, Flexible. C. M. Stanley. 1,923,124; Aug. 22.
- Connection, Flexible driving. B. P. Schiltz. 1,907,447; May 9.
- Connection, Fluid pressure. C. E. Maynard. 1,921,533; Aug. 8.
- Connection for brake mechanisms, Lost-motion. G. A. Gemmer. 1,921,156; Aug. 8.
- Connection for collapsible articles of furniture. E. Vanderminde. 1,893,603; Jan. 10.
- Connection for doorchecks. L. C. Norton. 1,895,895; Jan. 31.
- Connection for draw works girt, Adjustable. W. D. Sawyer. 1,924,199; Aug. 29.
- Connection for drill strings, Safety driving. Z. Witkin. 1,923,132; Aug. 22.
- Connection for electric conductors, Supporting and insulating. J. W. Hooley. Re13,880; June 27.
- Connection for electrical appliances. L. C. Doane. 1,930,926; Oct. 17.
- Connection for electron tubes for the multiplication of frequency. E. Kramar and H. Rochow. 1,931,870; Oct. 24.

- Connection for high voltage lines. A. O. Austin. 1,894,338; Jan. 17.
- Connection for ignition systems, Moistureproof. F. R. Dagley and A. W. Grant. 1,910,095; May 23.
- Connection for magneto-electric igniters, Automatic impulse. A. Lindberg. 1,913,281; June 6.
- Connection for nonmetallic resistors, Electrical. A. H. Heyroth. 1,897,004; Feb. 7.
- Connection for program circuits, Bridging. H. S. Hamilton and G. Crisson. 1,900,106; Mar. 7.
- Connection for plumbing fixtures, Water. M. W. Wuesthoff. 1,935,971; Nov. 21.
- Connection for signaling circuits, Multi-way. G. Crisson. 1,937,641; Dec. 5.
- Connection for track laying tractors, Equalizer. E. A. Johnston. 1,941,011; Dec. 26.
- Connection for vehicle trucks, Lateral compensator. C. J. Scudder. 1,935,335; Nov. 14.
- Connection, Forming a brush shunt. L. C. Hosfield. 1,929,142; Oct. 3.
- Connection, Ground. L. A. Koch, jr. 1,936,982; Nov. 28.
- Connection, Guy wire anchor. H. E. Miller. 1,902,459; Mar. 21.
- Connection, Handle. L. Cabana. 1,932,099; Oct. 24.
- Connection, Insulated driving. W. E. Krotee. 1,899,159; Feb. 28.
- Connection, Joint. M. G. Giordano. 1,901,026; Mar. 14.
- Connection, Journal box and frame. R. J. Brittain, jr. 1,929,803; Oct. 10.
- Connection, Making a. T. O. Mackey and W. Donaldson. 1,899,343; Feb. 28.
- Connection, Molded heat extraction. W. M. Bailey. 1,907,475; May 9.
- Connection, Nonmetallic. E. W. Weaver. 1,923,601; Aug. 22.
- Connection, Operating. A. Y. Dodge. 1,898,294; Feb. 21.
- Connection, Pipe. G. J. Von Glahn. 1,913,222; June 6.
- Connection, Pivotal. H. C. Harris. 1,917,797; July 11.
- Connection, Pivotal. J. B. Kirby. 1,892,896; Jan. 3.
- Connection, Pivotal. A. A. Lawson. 1,935,850; Nov. 21.
- Connection plug, Electrical. J. D. Brown. Des. 89,253; Feb. 14.
- Connection, Presser foot. H. E. Smallbone. 1,930,628; Oct. 17.
- Connection, Series parallel transformer. F. W. Gay. 1,896,397; Feb. 7.
- Connection, Tank and bowl. F. G. Brotz. 1,895,145; Jan. 24.
- Connection, Transformer. F. W. Gay. 1,896,398; Feb. 7.
- Connection, Water. E. F. Terry. 1,894,801; Jan. 17.
- Connection, Water tube. G. H. Fuehrer. 1,911,946; May 30.
- Connections between a layer of a metal compound and a coating of a ductile metal applied to it, Producing well-conducting electric. E. Duhme. 1,932,067; Oct. 24.
- Connections for lamp guard sockets or the like, Terminal. H. G. Lewis. 1,894,538; Jan. 17.
- Connections in vacuum valves, Interrupting. B. Wienecke. 1,924,266; Aug. 29.
- Conservation valve. T. A. Fagan. 1,905,625; Apr. 25.
- Consistency regulator. G. F. French. 1,925,833; Sept. 5.
- Console heater. E. L. Payne. 1,931,903; Oct. 24.
- Constant frequency system. G. M. Thurston. 1,097,132; May 2.
- Constant speed motor. E. R. Morton. 1,897,068; Feb. 14.
- Construction for display cases and the like. H. F. Keil. 1,907,117; May 2.
- Construction material. A. C. Fischer. 1,917,930; July 11.
- Construction material. C. Gibbons and E. H. Tate. 1,924,548; Aug. 29.
- Construction materials. R. A. Altenhof. 1,932,502; Oct. 31.
- Construction, relative to frames. L. L. Slavin. 1,916,536; July 4.
- Construction shore. R. R. Roemer. 1,935,377; Nov. 14.
- Construction tie. S. C. Awbrey. 1,934,760; Nov. 14.
- Constructional material. A. C. Fischer. 1,924,047; Aug. 22.
- Constructional unit. A. C. Fischer. 1,905,375; Apr. 25.
- Consumer package of meat products. C. Birdseye. 1,924,903; Aug. 29.
- Contact breaker. H. T. Warner. 1,899,543; Feb. 28.
- Contact bridge for intercept blocks. M. A. Connell, jr., S. Kelley, and A. Canfield. 1,913,871; June 13.
- Contact device. C. Cipitelli. 1,900,977; Mar. 14.
- Contact device for resistors. A. H. Hardwick. 1,919,061; July 18.
- Contact device for transferring electrical energy into projectile igniters. H. Ruhlemann. 1,897,863; Feb. 14.
- Contact drop between current-carrying contents, Method and apparatus for reducing the. R. M. Baker and L. Smede. 1,922,191; Aug. 15.
- Contact finger. H. Petersen. 1,938,438; Dec. 5.
- Contact finger, Adjustable. W. E. Smith. 1,913,617; June 13.
- Contact finger for electric machines and apparatus. G. Pedrazzo. 1,915,948; June 27.
- Contact finger for electrical controllers and switches. R. V. H. Russell. 1,896,560; Feb. 7.
- Contact for electrical circuit breaker mechanism. L. H. Matthias. 1,940,962; Dec. 26.
- Contact making device. H. Marshall. 1,940,176; Dec. 19.
- Contact-making instrument and measuring device. R. Dietze. 1,913,194; June 6.
- Contact material, Cleaning. B. M. Carter. 1,936,154; Nov. 21.
- Contact member, Pin type. F. Reutter. 1,914,651; June 20.
- Contact members, Making pin type. F. Reutter. 1,914,650; June 20.
- Contact operations, Improving. R. B. Shanck. 1,930,627; Oct. 17.
- Contact pins in radiotube bases, Securing. J. E. Ferguson. 1,900,099; Mar. 7.
- Contact process for the manufacture of sulphuric anhydride. T. V. Fowler, jr. 1,930,125; Oct. 10.
- Contact rectifier. W. Harries. 1,905,703; Apr. 25.
- Contact slip. J. F. Dohrwardt. 1,940,942; Dec. 26.
- Contact terminal. V. G. Vaughan. 1,925,856; Sept. 5.
- Contactor. G. C. Armstrong. 1,909,037; May 16.
- Contactor. J. R. Skoverski. 1,931,774; Oct. 24.
- Contactor. F. L. Vollmer. 1,909,138; May 16.
- Contactor, Pneumatically operated. P. I. Chandeysson. 1,896,164; Feb. 7.
- Container. *See—*
- | | |
|------------------------------------|---|
| Absorbent container. | Liquid container. |
| Article-retaining container. | Loading coil container. |
| Ash container. | Match container. |
| Assortment dispensing container. | Metal container. |
| | Metal shipping container. |
| Bottle shipping container. | Metallic container. |
| Bottom lift container. | Milk bottle container. |
| Brush container. | Mortuary record container. |
| Cellulose container. | Nonsubstituting container. |
| Cigarette container. | Packing and display container. |
| Clothing container. | |
| Coffee container. | Packing container. |
| Collapsible container. | Paper container. |
| Cosmetic container. | Powder and lipstick container. |
| Covered container. | |
| Dispenser container. | Powder container. |
| Dispensing container. | Pressure ball container. |
| Display container. | Razor blade container. |
| Double walled container. | Receiving, storage, and delivering container. |
| Dual container. | Refrigerator container. |
| Easy opening container. | Refuse container. |
| Egg container. | Sheet metal container. |
| Fire extinguisher container. | Shipping container. |
| Flexible top container. | Sifter container. |
| Flower container. | Sound picture record container. |
| Fluid container. | |
| Food container. | Special container. |
| Friction closed container. | Spout container. |
| Fruit and vegetable container. | Squeeze tube container. |
| Gas container. | Storage battery container. |
| Heat treating container. | Tarnish-proof container. |
| Hinged container. | Toothpick container. |
| Hood capping container. | Toy container. |
| Ice cream container. | Transformable container. |
| Ice cream or confection container. | Transportation container. |
| Insulated container. | Valve-closed metal container. |
| Key container. | Water container. |
| Knock-down container. | Wire container. |
| Lipstick container. | Wirebound container. |
| Liquid and semiliquid container. | |
- Container. M. T. Ashe. 1,933,838; Nov. 7.
- Container. H. L. Berkenbile. 1,908,657; May 9.
- Container. W. W. Bissell. 1,921,962; Aug. 8.
- Container. R. S. Bloomer. 1,933,207; Oct. 31.
- Container. H. C. Boardman. 1,928,640; Oct. 3.
- Container. W. E. Bowersock. 1,907,489; May 9.
- Container. M. Brandon. 1,935,073; Nov. 14.
- Container. J. D. Brooks. 1,907,729; May 9.
- Container. G. W. Butts and C. H. Williamson. 1,936,826; Nov. 28.
- Container. D. N. Carlsen. 1,916,037; June 27.
- Container. I. E. Colvin. 1,919,501; July 25.
- Container. H. F. Courtright. 1,910,426; May 23.
- Container. V. I. Crusier. 1,894,022; Jan. 10.
- Container. W. R. Cuthbert. 1,895,342; Feb. 21.
- Container. H. M. Dillhoefer. 1,929,412; Oct. 10.
- Container. F. J. Dolan. 1,939,339; Dec. 12.
- Container. C. G. Fitzhugh. 1,901,742; Mar. 14.
- Container. F. Fortuna and S. Giannangelo. 1,903,104; Mar. 28.
- Container. E. E. Franz. 1,927,065; Sept. 19.
- Container. A. E. Frederickson and S. D. Tyler. 1,923,363; Aug. 22.
- Container. W. Friedman. 1,903,357; Apr. 4.
- Container. F. C. Gluck. 1,920,074; July 25.
- Container. T. S. Gorton, jr. Des. 89,337; Feb. 28.
- Container. V. C. Grote. Des. 91,192; Dec. 19.
- Container. W. W. Halle. 1,907,797; May 9.
- Container. W. W. Hargroves. 1,915,227; June 20.
- Container. B. Heller. 1,916,859; July 4.
- Container. A. T. Hinkley. 1,931,132; Oct. 17.
- Container. G. W. Hinton. 1,930,680; Oct. 17.
- Container. J. C. Hoffman. 1,913,880; June 13.
- Container. E. Hoffman. 1,938,590; Dec. 12.
- Container. J. M. Hothersall. 1,920,504; Aug. 1.
- Container. J. M. Hothersall. 1,929,429-30; Oct. 10.
- Container. E. I. House. 1,927,706; Sept. 19.
- Container. W. H. Inman and H. C. Bloomer. 1,908,251; May 9.
- Container. P. D. Jones. 1,913,597; June 13.

- Container. E. Karfiol. 1,912,900; June 6.
 Container. W. J. Kenny. 1,929,433; Oct. 10.
 Container. D. Levin. 1,909,199; May 16.
 Container. J. Levy. Re18,711; Jan. 10.
 Container. C. McMahon. 1,922,171; Aug. 15.
 Container. M. J. Mechling. 1,930,103; Oct. 10.
 Container. H. J. Miller. 1,932,905; Oct. 31.
 Container. H. J. Miller. 1,935,652-3; Nov. 21.
 Container. W. C. Mills. 1,924,999; Aug. 29.
 Container. H. M. Nicholls. 1,916,279; July 4.
 Container. H. M. Nicholls. 1,939,719; Dec. 19.
 Container. C. J. Panfil. 1,931,032; Oct. 17.
 Container. C. J. Parker. 1,899,821; Feb. 28.
 Container. S. O. Paull. 1,918,895; June 13.
 Container. E. D. Phinney. 1,917,541; July 11.
 Container. D. B. Potter. 1,925,674; Sept. 5.
 Container. L. Purtell. 1,913,409; June 13.
 Container. E. W. Roberts. 1,902,723; Mar. 21.
 Container. S. Rosen. 1,907,675; May 9.
 Container. W. I. Rubovits. 1,902,294; Mar. 21.
 Container. F. J. Runser and R. Blaho. 1,920,807; Aug. 1.
 Container. A. Schifferdecker. 1,896,976; Feb. 7.
 Container. A. C. Schmidt and L. J. Wehrle. 1,913,687; June 13.
 Container. H. Sebell. 1,938,935; Dec. 12.
 Container. I. E. Sexton. 1,937,987; Dec. 5.
 Container. A. G. Shields. 1,899,732; Feb. 28.
 Container. L. A. Shoemaker. 1,910,480; May 23.
 Container. R. D. Simpson. 1,925,466; Sept. 5.
 Container. E. E. Smetana. 1,913,460; June 13.
 Container. L. J. Smith. Des. 90,821; Oct. 3.
 Container. G. C. Snell. 1,919,912; July 25.
 Container. M. L. Snyder. 1,936,312; Nov. 21.
 Container. N. L. Solomon. 1,916,493; July 4.
 Container. H. A. Sommers. 1,936,214; Nov. 21.
 Container. O. Spahr. 1,935,192; Nov. 14.
 Container. J. P. Spear. 1,922,605; Aug. 15.
 Container. Z. Starks. 1,910,646; May 23.
 Container. L. W. Sutherland. 1,912,736; June 6.
 Container. L. W. Sutherland. 1,940,336; Dec. 19.
 Container. R. G. Thoke. 1,935,923; Nov. 21.
 Container. G. R. Thomson. 1,896,115; Feb. 7.
 Container. J. B. Vanderbilt. Des. 90,963; Oct. 31.
 Container. H. B. Walter. 1,911,216; May 30.
 Container. H. B. Walter. 1,924,222; Aug. 29.
 Container. R. P. Ware. 1,936,417; Nov. 21.
 Container. H. M. Warren. Re18,792; Apr. 11.
 Container. H. M. Warren. 1,907,022; May 2.
 Container. C. R. Webber. 1,918,308; July 18.
 Container. H. G. Wells. 1,910,074; May 23.
 Container. F. Westerbeck. 1,899,875; Feb. 28.
 Container. F. Westerbeck. 1,933,779; Nov. 7.
 Container. F. Westerbeck. 1,934,393; Nov. 7.
 Container. J. Whiting. 1,906,684; May 2.
 Container. A. W. Wilkinson. 1,902,316; Mar. 21.
 Container. C. H. Williamson. 1,924,143; Aug. 29.
 Container. L. S. Witherspoon. 1,935,969; Nov. 21.
 Container. D. H. Zell. 1,924,897; Aug. 29.
 Container and actuating mechanism, Carbon paper. C. L. Johnston. 1,938,106; Dec. 5.
 Container and applicator. J. Fried. 1,907,350; May 2.
 Container and applicator. W. T. Keeshan. 1,935,639; Nov. 21.
 Container and applicator, Unitary wax. S. A. Hefft. 1,936,131; Nov. 21.
 Container and blank for manufacturing the same, Shipping. S. W. Forsman. 1,912,698; June 6.
 Container and blank therefor, Foldable. J. A. Clemens. 1,923,065; Aug. 22.
 Container and Christmas tree holder, Combined. C. C. Cosner. 1,931,376; Oct. 17.
 Container and clamp, Quick change battery. C. E. Wanemaker. 1,939,742; Dec. 19.
 Container and closure means for the same. D. E. Baxter. 1,941,071; Dec. 26.
 Container and closure means therefor. A. H. Schwartz. 1,892,788; Jan. 3.
 Container and closure therefor. J. P. Burke. 1,910,378; May 23.
 Container and closure therefor, Combined. E. W. Fuerst. Des. 90,943; Oct. 31.
 Container and cover, Combined glass. A. C. and H. H. Crimmel. Des. 89,681; Apr. 25.
 Container and dispenser, Cigarette. A. C. Grunwald. 1,910,209; May 23.
 Container and dispenser for salve and the like. R. Blauvelt. 1,911,671; May 30.
 Container and ejector, Syringe. N. O. La Marche. 1,921,034; Aug. 8.
 Container and forming same. A. B. Wilson. 1,906,032; Apr. 25.
 Container and forming the same. H. L. Thompson. 1,937,924; Dec. 5.
 Container and grave marker, Flower. J. M. Brady. 1,907,340; May 2.
 Container and handling cargo by such containers. M. Olds. 1,900,867; Mar. 7.
 Container and head therefor, Sheet metal. C. H. Rollason. Re18,982; Oct. 24.
 Container and head therefor, Sheet metal. C. H. Rollason. 1,903,300; Apr. 4.
 Container and holder unit. W. Jay. 1,920,393; Aug. 1.
 Container and in sealing closure therefor. C. S. Baron. 1,905,628; Apr. 25.
 Container and making same. J. E. Annen. 1,930,963; Oct. 17.
 Container and making same. G. E. Mulligan. 1,925,930; Sept. 5.
 Container and making the same, Cast metal. J. Schmeller, sr. 1,932,325; Oct. 24.
 Container and making the same, Metal treatment. N. M. Saikover. 1,910,968; May 23.
 Container and making the same, Nesting. R. Oliver and G. R. Penn. 1,936,521; Nov. 21.
 Container and manufacture of same. G. O. Frostad. 1,896,076; Feb. 7.
 Container and manufacture thereof. H. Kielberg. 1,935,848; Nov. 21.
 Container and pipe filler, Tobacco. B. T. Howard. 1,927,092; Sept. 19.
 Container and processor, Airtight meat cooking. H. Janssen. 1,916,221; July 4.
 Container and pump therefor, Shipping. A. A. Kramer. 1,908,707; May 16.
 Container and quick detachable sealing cap. A. S. Harkness, jr. 1,933,260; Oct. 31.
 Container and reinforcement therefor. H. R. Bliss. 1,917,920; July 11.
 Container and reflector, Combined lamp. H. E. Plishker. 1,933,338; Oct. 31.
 Container and roller of cigarettes. J. G. Portteus. 1,901,259; Mar. 14.
 Container and sanitary pack, Removable. W. V. and P. F. Rea. 1,934,326; Nov. 7.
 Container and sealing closure therefor, Covered. C. S. Baron. 1,899,921; Mar. 7.
 Container and shipping package. T. Crawford. 1,899,673; Feb. 28.
 Container and spreader, Mucilage. L. B. Skoglund. 1,911,094; May 23.
 Container and stirrer, Combined. A. S. Shaw. 1,926,655; Sept. 12.
 Container and supporting unit. W. Jay. 1,893,624; Jan. 10.
 Container attachment, Liquid-pervious. W. H. Rose. 1,939,612; Dec. 12.
 Container bottom, Constructing and stapling a. C. M. Hogue. 1,936,393; Nov. 21.
 Container bottom or end wall structure. W. F. Newhouse. 1,926,784; Sept. 12.
 Container cap. S. L. Barnes. Des. 89,137; May 2.
 Container cap. G. W. Ittner. 1,934,069; Nov. 7.
 Container cap. G. Wilmet. Des. 89,560; Mar. 28.
 Container cap. G. Wilmet. Des. 90,431; Aug. 1.
 Container capping machine. J. J. Gaynor. 1,917,025; July 4.
 Container capping machine. J. J. Gaynor. 1,928,450; Sept. 26.
 Container closer with liquid dispenser, Liquid. C. R. Miller. 1,941,441; Dec. 26.
 Container closure. A. B. Boyd. 1,928,445; Sept. 26.
 Container closure. E. J. Brennan. Des. 90,061; June 6.
 Container closure. B. F. Conner. 1,910,913; May 23.
 Container closure. J. W. and A. Erhard. 1,903,099; Mar. 28.
 Container closure. J. Gutmann. 1,916,976; July 4.
 Container closure. J. M. Mothersall. 1,938,592; Dec. 12.
 Container closure. A. Lutz. 1,930,364; Oct. 10.
 Container closure. E. Z. Taylor. 1,925,471; Sept. 5.
 Container closure. J. M. Young. 1,921,016; Aug. 8.
 Container closure, Molded. C. H. Hall. Des. 90,246; July 4.
 Container composed of structural members. A. Howie. 1,917,764; July 11.
 Container construction. W. Hundt. 1,931,798; Oct. 24.
 Container construction. N. Scandore. 1,894,295; Jan. 17.
 Container construction, Cigarette. C. J. Lagerholm. 1,937,120; Nov. 28.
 Container construction for cosmetics. R. H. Sharp. 1,923,755; Aug. 22.
 Container cover plate. R. W. Sherman. 1,894,575; Jan. 17.
 Container dispenser. W. E. Benson. 1,907,713; May 9.
 Container for ammunition. G. E. Rogers. 1,935,669; Nov. 21.
 Container for chemical heating composition. G. B. Meagher. 1,899,286; Feb. 28.
 Container for cigarettes. W. O. Brown. 1,914,005; June 13.
 Container for cigars. R. E. Pent. 1,895,258; Jan. 24.
 Container for collapsible tubes. H. W. Cole. 1,927,112; Sept. 19.
 Container for cosmetics and other small articles. C. H. Duell, E. E. Brisbane and D. C. Clarke. 1,908,132; May 9.
 Container for displaying merchandise. R. I. Rhodes, jr. 1,899,483; Feb. 28.
 Container for electrical conductors. J. G. Jackson. 1,913,552; June 13.
 Container for fire extinguishers. W. L. Roessner. 1,924,882; Aug. 29.
 Container for folded paper sheets. W. B. Powell. 1,927,324; Sept. 19.
 Container for food products. C. F. Allen and S. Smith. 1,932,169; Oct. 24.
 Container for fragile articles. C. B. Klefeker. 1,908,257; May 9.

- Container for garbage receptacles. C. Griesmeyer. 1,938,452; Dec. 5.
- Container for golf balls and tees. J. H. Burnet. 1,919,198; July 25.
- Container for hollow cylindrical objects. P. B. Erisman and C. F. Hawker. 1,940,489; Dec. 19.
- Container for hot comminuted material. J. M. Samuel. 1,894,523; Jan. 17.
- Container for ices, creams, or similar substances. P. C. Perez. 1,915,616; June 27.
- Container for ink. G. S. Vivian. 1,923,648; Aug. 22.
- Container for liquids. P. Santurello. 1,910,933; May 23.
- Container for live fish. J. A. Hemple. 1,932,732; Oct. 31.
- Container for loose leaf sheets. File. J. Schade. 1,899,530; Feb. 28.
- Container for matches. L. C. Thomas. 1,898,227; Feb. 21.
- Container for merchandise, Folding. A. J. Tanner. 1,933,643; Nov. 7.
- Container for merchandise, Packing and display. A. J. Tanner. 1,929,615; Oct. 10.
- Container for multiple sheets. M. E. Schwartz and J. M. Sharfrin. 1,916,119; June 27.
- Container for nested articles, Dispensing. W. E. Swift. 1,915,006; June 20.
- Container for packing articles. P. Menton. 1,932,705; Oct. 31.
- Container for paint brushes and the like, Display. W. M. Stuart. 1,938,442; Dec. 5.
- Container for pot holder. M. Caplan. Des. 89,847; May 9.
- Container for powder, Nonrefillable. L. Kahn. 1,901,651; Mar. 14.
- Container for refrigerant. W. S. Josephson. 1,920,082; July 25.
- Container for relatively large sheets. H. L. De Lisle. 1,924,109; Aug. 29.
- Container for roll paper. W. B. Powell. 1,897,143; Feb. 14.
- Container for roll paper. C. H. N. R. Willis. 1,907,922; May 9.
- Container for rolls of flexible web material, Dispensing. J. C. Wilson. 1,938,269; Dec. 5.
- Container for shaving cream, toothpaste, and the like. H. C. Everett, jr., and C. L. Migliaccio. 1,924,205; Aug. 29.
- Container for shredded wheat biscuit and the like. R. T. Adams. 1,914,336; June 13.
- Container for sliced bread and the like, Dispensing. E. Widing. 1,917,480; July 11.
- Container for solid carbon dioxide, Insulated. A. J. Cordrey. 1,903,169; Mar. 28.
- Container for spools. C. Lange. 1,941,034; Dec. 26.
- Container for spools. W. F. Punte. 1,941,047; Dec. 26.
- Container for stacked articles. G. W. Butts. 1,864,664; Jan. 17.
- Container for storing perishable merchandise. I. Hill. 1,906,964; May 2.
- Container for strip plaster. E. H. Kneen. 1,908,026; May 9.
- Container for tablets and the like, Dispensing. C. E. Raymond. 1,904,386; Apr. 18.
- Container for the packing of articles. W. Juffa. 1,895,249; Jan. 24.
- Container for toothbrushes. S. B. Bleadon. 1,904,609; Apr. 18.
- Container for toothpicks or other similar articles, Dispensing. A. H. Repp. 1,941,322; Dec. 26.
- Container for transporting and storing liquefied gases. H. D. Edwards. 1,937,877; Dec. 5.
- Container for transporting stacked articles. G. W. Butts. 1,936,825; Nov. 28.
- Container for treating metal articles by heat. J. C. Henderson. 1,908,242; May 9.
- Container for use in refrigerators. H. F. MacGrath. 1,906,698; May 2.
- Container for use with closed vehicles, Garment carrying. K. Salavsky. 1,895,208; Jan. 24.
- Container for waxed paper. G. W. Hamersley. 1,939,812; Dec. 19.
- Container for wrenches and the like. E. H. Carroll. 1,916,918; July 4.
- Container for zeolite regeneration. Salt. R. E. Bressler and D. V. Moses. 1,898,812; Feb. 21.
- Container forming machine. F. H. Daniell. 1,908,823; May 16.
- Container handle. C. V. Brady. 1,910,789; May 23.
- Container handling mechanism. F. N. Becker. 1,934,583; Nov. 7.
- Container head or end wall construction. A. Quimby and S. J. Antworth. 1,941,189; Dec. 26.
- Container holder. A. Fransosi. 1,936,664; Nov. 28.
- Container loading apparatus. J. F. Peters. 1,926,060; Sept. 12.
- Container, made of composite material, Cylindrical and the like. C. L. Keller. 1,924,609; Aug. 29.
- Container, Making a ceramic. W. E. Bockmon. 1,920,459; Aug. 1.
- Container, Making a downwardly tapered. L. M. Hile. 1,900,646; Mar. 7.
- Container, more particularly for nitriding purposes. A. J. P. Duval. 1,941,128; Dec. 26.
- Container of the hand opening and closing type and cover therefor. A. V. Green. 1,920,786; Aug. 1.
- Container or bottle, Paper. O. J. Weeks. 1,931,047; Oct. 17.
- Container or box for fragile articles. J. R. Northway-Ley. 1,896,326; Feb. 7.
- Container or the like, Lip stick. F. E. A. W. Bergaud. Des. 89,944; May 23.
- Container ring and cover. S. L. Buschman and G. Hopkins. 1,939,335; Dec. 12.
- Container sealing device. I. T. Kahn. 1,901,911; Mar. 21.
- Container structure. H. A. Eggerts. 1,923,426; Aug. 22.
- Container tipping machine. C. J. Schroeder. 1,935,891; Nov. 21.
- Container top. J. P. Alexander. 1,913,652; June 13.
- Container with adjustable package holder. C. E. Sockler. 1,938,051; Dec. 5.
- Container with closure, Moistureproof paper. G. Meyer-Jagenberg. 1,915,027; June 20.
- Containers and chimes therefor, Making. L. B. Wackman. 1,924,893; Aug. 29.
- Containers and closures therefor, Manufacture of. J. H. Huxley. 1,927,454; Sept. 19.
- Containers, Apparatus for cleaning. L. Deutsch. 1,899,019; Feb. 28.
- Containers, Apparatus for making paper. E. C. Angell. 1,922,189; Aug. 15.
- Containers, Apparatus for seaming. F. H. Daniell. 1,908,822; May 16.
- Containers, Apparatus for the manufacture of glass. A. C. Forster. 1,929,842; Oct. 10.
- Containers, Apparatus for vacuum sealing screw cap. H. S. Brady. 1,934,585; Nov. 7.
- Containers, Decorating refrigerated. R. H. Strait. 1,894,476; Jan. 17.
- Containers, Device for manufacturing liquid. L. O. Buist. 1,929,770; Oct. 10.
- Containers, Draw-off attachment for liquid. A. E. Englund. 1,907,763; May 9.
- Containers for ice cream and the like, Marking. G. F. Dickson. 1,902,543; Mar. 21.
- Containers, Forming easy opening. E. D. Anderson. 1,898,925; Feb. 21.
- Containers, Forming metal. J. Coyle. 1,940,664; Dec. 26.
- Containers from paper and like material, Apparatus for the automatic production of. O. A. Granowski. 1,911,313; May 30.
- Containers, Leading-in device for metallic vacuum-discharge. W. Dallenbach. 1,901,802; Mar. 14.
- Containers, Making. A. L. Kronquest. 1,933,480; Oct. 31.
- Containers, Making composition. L. E. Wells and E. Fairclough. 1,941,193; Dec. 26.
- Containers, Making metal. G. A. Robinson. 1,899,638-9; Feb. 28.
- Containers, Making shipping. C. L. Keller. 1,913,055; June 6.
- Containers, Manufacturing. W. Lell. 1,911,908; May 30.
- Containers, Method of and apparatus for forming sulphurized fiberboard. R. F. Lyon and P. J. Christman. 1,892,675; Jan. 3.
- Containers, Method of and apparatus for making angular. J. A. Gray. Re18,890; July 11.
- Containers, Method of and apparatus for producing glass. C. B. Garwood. 1,926,440; Sept. 12.
- Containers of paper or like material, and lids or covers therefor. Manufacture of. C. and E. Z. Taylor. 1,917,558; July 11.
- Containers, Producing one-piece drawn. J. M. Hothersall. 1,932,407; Oct. 31.
- Containers, Retaining device for storage. A. W. Peters. 1,937,480; Nov. 28.
- Containers, Spacing device for. S. Taylor. 1,898,509; Feb. 21.
- Containers subjected to freezing temperature, Method of and apparatus for preventing the bursting of liquid. V. Merritt. 1,900,836; Mar. 7.
- Containers, System and apparatus for transporting shipping. H. F. Flowers. 1,933,211; Oct. 31.
- Containers under predetermined pressures, Sealing. R. Valverde. 1,911,410; May 30.
- Containers under vacuum, Device for sealing. O. B. Underwood. 1,913,177; June 6.
- Containers, Vacuumizing, sterilizing, and sealing. W. B. Penn. 1,938,821; Dec. 12.
- Containers with liquids, Device for filling. A. Marone. 1,907,260; May 2.
- Continuity testing apparatus. S. M. Lloyd. 1,914,139; June 13.
- Continuous pressing machine. E. J. Carroll. 1,896,479; Feb. 7.
- Continuous pressure filter. C. Budke. 1,917,696; July 11.
- Continuous ridge ventilator. M. Dexter. 1,917,218; July 11.
- Continuous-wire mill. J. Gassen. 1,935,048; Nov. 14.
- Contours of surfaces, Apparatus for reproducing. J. A. Malcolm and T. W. Wootton. 1,904,623; Apr. 18.
- Contraction joint. J. N. Heltzel. 1,935,028; Nov. 14.
- Control. W. Doble. 1,927,206; Sept. 19.
- Control. M. Lotherp. 1,935,981; Nov. 21.
- Control and locking mechanism. S. C. Porter. 1,922,454; Aug. 15.
- Control and safety device for railways and tramways. F. Rodolausse. 1,923,231; Aug. 22.
- Control and stabilizer, Helicopter. W. F. Gerhardt. 1,917,965; July 11.

- Control apparatus. B. O. Austin and N. H. Willby. 1,929,670; Oct. 10.
- Control apparatus. W. G. Cook. 1,930,509; Oct. 17.
- Control apparatus. W. G. Cook and H. D. James. 1,924,306; Aug. 29.
- Control apparatus. J. W. Dawson. 1,928,812; Oct. 3.
- Control apparatus. E. R. Evans. 1,914,350; June 13.
- Control apparatus. L. A. Gebhard. 1,903,759; Apr. 18.
- Control apparatus. T. R. Harrison. 1,916,420; July 4.
- Control apparatus. B. I. Hatch. 1,931,656; Oct. 24.
- Control apparatus. F. H. Kroger. 1,915,367; June 27.
- Control apparatus. A. R. Mabey. 1,899,516; Feb. 28.
- Control apparatus. A. S. Mancib. 1,917,893; July 11.
- Control apparatus. A. S. Marchens. 1,930,528; Oct. 17.
- Control apparatus. B. M. Mills and G. K. Crossley. 1,919,446; July 25.
- Control apparatus. F. L. Tarleton. 1,934,606; Nov. 7.
- Control apparatus. C. M. Terry. 1,897,448; Feb. 14.
- Control apparatus and method, particularly for indicating purposes. M. L. Haselton. 1,908,604; May 9.
- Control apparatus, Automatic. J. L. Hodgson, A. Ivanoff, and G. P. E. Howard. 1,916,477; July 4.
- Control apparatus, Automatic. F. F. Uehling. 1,934,388; Nov. 7.
- Control apparatus, Constant frequency. E. R. Hentschel. 1,904,771; Apr. 18.
- Control apparatus for automobiles. C. B. Gilmore. 1,927,209; Sept. 19.
- Control apparatus for blowdown water. C. W. Rice. 1,895,346; Jan. 24.
- Control apparatus for elevators. H. A. W. Wood. 1,933,151; Oct. 31.
- Control apparatus for pumps. H. W. Fletcher. 1,922,427; Aug. 15.
- Control apparatus for radioreceivers. C. S. Demarest. 1,931,604; Oct. 24.
- Control apparatus for radio receiving instruments. J. E. White. 1,905,539; Apr. 25.
- Control apparatus for railway switches. W. C. McWhirter. 1,924,369; Aug. 29.
- Control apparatus for the trolley pole of tramway cars and the like. V. Poglioli and G. Parravicini. 1,913,896; June 13.
- Control apparatus for valves. L. L. Collins. 1,941,247; Dec. 26.
- Control apparatus for variable speed gears. H. G. Gros. 1,908,144; May 9.
- Control arrangement for printing telegraph motors. W. Daum. 1,913,431; June 13.
- Control arrangement for radio telephone systems, Voice operated. E. R. Taylor and S. B. Wright. 1,909,433; May 16.
- Control assembly. A. J. Weatherhead, jr. 1,911,540; May 30.
- Control device. H. E. Allen. 1,908,213; May 9.
- Control device. J. M. Bryant. 1,922,352; Aug. 15.
- Control device. H. S. Chase. 1,923,968; Aug. 22.
- Control device. F. Conrad. 1,934,524; Nov. 7.
- Control device. E. B. Dunkak. 1,922,573; Aug. 15.
- Control device. L. W. Eggleston. 1,908,477; May 9.
- Control device. L. W. Eggleston and E. J. Dillman. 1,914,771; June 20.
- Control device. L. W. Eggleston and E. J. Dillman. 1,926,706; Sept. 12.
- Control device. C. I. Hall. 1,902,498; Mar. 21.
- Control device. G. D. Kingsland. 1,893,238; Jan. 3.
- Control device. J. Mainland. 1,934,198; Nov. 7.
- Control device. V. Paschkis. 1,925,880; Sept. 5.
- Control device. R. R. Potter. 1,907,577; May 9.
- Control device. M. A. Powers. 1,910,362; May 23.
- Control device. T. A. Rich. 1,920,806; Aug. 1.
- Control device. S. F. Stafford. 1,933,877; Nov. 7.
- Control device. W. B. Stout. 1,928,915; Oct. 3.
- Control device. O. Theune. 1,913,220; June 6.
- Control device. F. W. Yutzler. 1,930,117; Oct. 10.
- Control device acting by reaction for use in servo-motors, Subordinate. A. Dewandre. 1,928,248; Sept. 26.
- Control device, Automatic. L. L. Corcoran. 1,894,367; Jan. 17.
- Control device, Automatic. G. H. Frank. 1,940,083; Dec. 19.
- Control device, Automatic. G. E. Ford. 1,908,626; May 9.
- Control device for a machine. C. R. Blocksidge. 1,922,522; Aug. 15.
- Control device for alarm mechanism. C. P. Howard. 1,932,783; Oct. 31.
- Control device for automotive vehicles. E. T. Platz. 1,912,592; June 6.
- Control device for bell ringing mechanism. S. B. Merrill. 1,938,712; Dec. 12.
- Control device for electric circuits. F. R. West and T. E. Carpenter. 1,902,926; Mar. 28.
- Control device for engine driven generators. H. D. Gummer. 1,928,152; Sept. 26.
- Control device for fractionators and the like. F. L. Kallam. 1,940,802; Dec. 26.
- Control device for heaters. C. L. Bryant. 1,935,237; Nov. 14.
- Control device for liquid dissipating apparatus. R. J. Gallagher. 1,917,364; July 11.
- Control device for liquid fuel burners. A. J. Gilbert and O. J. Grandahl. 1,912,131; May 30.
- Control device for operating mechanism. P. Boland. 1,906,222; May 2.
- Control device for phonographs, etc. J. M. Lucarelle and J. E. Renholdt. 1,908,264; May 9.
- Control device for pressure tanks. W. Ralsch and A. G. Fleck. 1,911,530; May 30.
- Control device for shock absorbers, Remote. M. L. Fox. 1,920,192; Aug. 1.
- Control device for signals. E. W. Knowlton. 1,893,371; Jan. 3.
- Control device for spray mixing apparatus. P. L. Geer. 1,935,977; Nov. 21.
- Control device for wells. D. R. Knowlton and W. J. Crites. 1,905,592; Apr. 25.
- Control device, Hydraulic. L. R. Williamson. 1,894,434; Jan. 17.
- Control device, Intermittent. W. H. Worthington and L. G. Dueber. 1,918,580; July 18.
- Control device, Resonant. A. Zenkner. 1,906,299; May 2.
- Control device, Thermostatic. R. Hetherington. 1,940,090; Dec. 19.
- Control elements for direction finder compensators, Making. A. Leib. 1,932,627; Oct. 31.
- Control, Elevator. J. J. Fogarty. 1,918,024; July 11.
- Control equipment, Safety. J. C. McCune. 1,932,081; Oct. 24.
- Control flap and balance. L. R. Tower. 1,914,000; June 13.
- Control for absorption refrigeration apparatus, Automatic. D. F. Keith. 1,918,970; July 18.
- Control for absorption refrigerators, Automatic. W. G. Midnight. 1,929,282; Oct. 3.
- Control for auto doors, Semiautomatic remote. S. G. Hinds. 1,896,311; Feb. 7.
- Control for automatic electric ranges, Dual. R. C. Wey. 1,936,464; Nov. 21.
- Control for brake and door apparatus, Vehicle. H. D. Mallison and E. G. Parvin. 1,906,699; May 2.
- Control for carburetor choke valves, Automatic. D. W. Griffith and O. S. Beattie. 1,913,541; June 13.
- Control for coolant supplies for machine tools. F. H. Bogart. 1,930,035; Oct. 10.
- Control for discharge illumination. R. E. Barclay. 1,926,423; Sept. 12.
- Control for draft regulators, Power operated. C. H. Morrow. 1,927,070; Sept. 19.
- Control for electric elevators, System of. J. Pedersen. 1,920,590; Aug. 1.
- Control for electric heating devices. L. Ireland. 1,935,268; Nov. 14.
- Control for electric hoists. C. V. Koons. 1,933,630; Nov. 7.
- Control for electrically driven vehicles, System of. W. A. Stevens. 1,899,649; Feb. 28.
- Control for fluid pressure operated aircraft wheel brakes. W. L. Avery. 1,906,242; May 2.
- Control for gas ranges, Temperature. A. T. Schmidt. 1,918,872; July 18.
- Control for heat treating apparatus. H. F. Vickers. 1,921,956; Aug. 8.
- Control for heating and like systems. O. F. Rhodes. 1,932,422; Oct. 31.
- Control for heating systems. D. J. Stewart. 1,901,995; Mar. 21.
- Control for hoisting machines, Automatic. A. H. Wilson. 1,919,818; July 25.
- Control for hydraulic feeding mechanism. B. S. T. Bishop and E. J. Hirvonen. 1,905,132; Apr. 25.
- Control for hydraulic matrix molding drying presses, Automatic. W. Hamburger. 1,932,583; Oct. 31.
- Control for hydraulic operating systems. E. P. Burrell. 1,936,446-7; Nov. 21.
- Control for hydraulic rams. E. M. Pfauiser. 1,925,704; Sept. 5.
- Control for hydraulic systems. H. Ernst and L. F. Nenninger. 1,893,068; Jan. 3.
- Control for infinitely variable transmissions. E. R. Pierce. 1,922,634; Aug. 15.
- Control for intermittent absorption refrigeration apparatus, Automatic. D. F. Keith. 1,918,969; July 18.
- Control for internal combustion engines. A. N. Gustafson. 1,929,887; Oct. 10.
- Control for ironing machines. H. A. Sperlich and J. H. Uhlig. 1,918,502; July 18.
- Control for lathe drives. H. C. Klug. 1,932,526; Oct. 31.
- Control for loud speakers, Tone. R. R. Du Puy. 1,918,839; July 18.
- Control for machine tools. E. P. Burrell and G. W. Drake. 1,908,885; May 16.
- Control for motion picture projectors, Electric. E. S. Carpenter. 1,920,968; Aug. 8.
- Control for muller rollers, Pressure. H. K. King. 1,919,225; July 25.
- Control for multisindle drills, Fluid operated. R. M. Lovejoy. 1,911,025; May 23.
- Control for nozzle velocity. E. P. Stewart and L. H. Frost. 1,897,870; Feb. 14.
- Control for photographic printing exposures, Automatic. L. A. Jones and C. M. Tuttle. 1,908,610; May 9.
- Control for photographic recording machines, Automatic. R. S. Hopkins. 1,897,903; Feb. 14.
- Control for power mechanism. E. Davis. 1,929,484; Oct. 10.
- Control for pump actuating mechanisms and the like. L. M. Miller, L. M. Greene, J. G. Miller and E. E. Calkins. 1,902,371; Mar. 21.

- Control for radio instruments, Automatic. E. A. Lefebvre. 1,932,668; Oct. 31.
- Control for refrigeration compartments, Temperature. L. S. Chadwick. 1,899,852; Feb. 28.
- Control for road graders, Power blade. G. Gardner. 1,919,648; July 25.
- Control for self-propelled vehicles. F. Ljungstrom. 1,924,867; Aug. 29.
- Control for synchronous motor generators, Automatic power factor. J. F. Usener, sr., and J. F. Usener, jr. 1,917,618; July 11.
- Control for variable devices. W. B. Jones. 1,931,548; Oct. 24.
- Control for web replenishing mechanism, Automatic. H. A. W. Wood. 1,933,886; Nov. 7.
- Control for wick type liquid fuel burners. G. C. Lennmor. 1,905,918; Apr. 25.
- Control from photoelectric cells, Electrostatic potential. T. H. Nakken. 1,899,712; Feb. 28.
- Control handle. R. Marple. 1,897,523; Feb. 14.
- Control head. C. Pohl. 1,940,698; Dec. 26.
- Control head and blow-out preventer. F. W. Hild. 1,938,020; Dec. 5.
- Control lock. H. E. Altgelt. 1,894,458; Jan. 17.
- Control lock, Pressing machine. E. Davis. 1,923,530; Aug. 22.
- Control means. W. Stäblein. 1,897,739; Feb. 14.
- Control means, Automatic sequence. J. J. Neuman. 1,939,183; Dec. 12.
- Control means for a winding machine. R. H. Beaumont. 1,915,256; June 20.
- Control means for conveyor systems, Automatic. J. J. Neuman. 1,939,184; Dec. 12.
- Control means for dogging mechanism. G. M. Pelton. 1,937,244; Nov. 28.
- Control means for earth pulverizing machines. C. Jass. 1,905,385; Apr. 25.
- Control means for electric motor operated devices. C. S. Pinkerton. 1,931,771; Oct. 24.
- Control means for landing gear wheel brakes of airplanes, Triple. J. T. Hughes. 1,898,836; Feb. 21.
- Control means for pressure feed lines. T. W. Hallerberg. 1,909,348; May 16.
- Control means for refrigerating systems, Liquid refrigerant. E. A. and H. E. Von Seggern. 1,898,277; Feb. 21.
- Control means for stored pressure medium containers, Discharge. D. Mapes. 1,919,149; July 18.
- Control means for tuning mechanism of sound reproduction apparatus. J. Sears. 1,928,742; Oct. 3.
- Control means for windshields. A. T. Potter. 1,921,262; Aug. 8.
- Control means for windshields. A. T. Potter. 1,927,071; Sept. 19.
- Control means, Temperature. W. A. Reichel. 1,919,129; July 18.
- Control mechanism. C. B. Gilmore. 1,906,571; May 2.
- Control mechanism. C. E. Mason. 1,897,135; Feb. 14.
- Control mechanism. M. L. Strawn. 1,924,138; Aug. 29.
- Control mechanism. P. C. Temple. 1,923,595; Aug. 22.
- Control mechanism, Automatic. P. Mansel. 1,916,624; July 4.
- Control mechanism, Automatic. W. H. Stannard. 1,908,193; May 9.
- Control mechanism, Automatic reversing. O. A. Johnson. 1,895,627; Jan. 31.
- Control mechanism for brakes. E. Sejersen. 1,906,341; May 2.
- Control mechanism for circular knitting machines. G. Nobst and E. Ulbricht. 1,929,075; Oct. 3.
- Control mechanism for clenching machines. H. A. Fink and J. E. Schmidt. 1,903,989; Apr. 18.
- Control mechanism for constant frequency oscillator apparatus. J. B. Dow. 1,912,265; May 30.
- Control mechanism for electrically operated liquid fuel burners. W. W. Williams. 1,923,651; Aug. 22.
- Control mechanism for evaporators. F. G. Slagel. 1,900,526; Mar. 7.
- Control mechanism for hydraulic motors. W. Ernst and H. F. MacMillin. 1,937,192; Nov. 28.
- Control mechanism for machine tools. A. F. Bennett. 1,916,914; July 4.
- Control mechanism for mechanical refrigerating apparatus. M. H. Spreen. 1,919,078; July 18.
- Control mechanism for motor vehicles. A. L. Cash. 1,919,930; July 25.
- Control mechanism for moving-picture apparatus. W. W. Blakeslev. 1,930,581; Oct. 17.
- Control mechanism for power transmission gears. R. Erban. 1,921,459; Aug. 8.
- Control mechanism for presses. O. W. Johnson. 1,925,591; Sept. 5.
- Control mechanism for pressing machines. G. W. Johnson. 1,896,517; Feb. 7.
- Control mechanism for rotary drilling apparatus. E. E. Greve. Re18,947; Sept. 12.
- Control mechanism for scraper bowls. C. E. Ball. 1,898,163; Feb. 21.
- Control mechanism for steam heating systems. H. Schierloh. 1,905,005; Apr. 25.
- Control mechanism for thermostatically operated valves, Pressure operated. E. A. Russell and P. B. Parks. 1,914,982; June 20.
- Control mechanism for tractor driven implements. F. T. Court. 1,929,773; Oct. 10.
- Control mechanism for vehicles. H. A. Johnson and M. Van Meter. 1,914,510; June 20.
- Control mechanism for water heating systems. W. J. Griffiths. 1,937,565; Dec. 5.
- Control mechanism, Motor operated. H. C. Beck. 1,911,418; May 30.
- Control method and apparatus. W. A. Reichel and A. H. Mears. 1,931,852; Oct. 24.
- Control of a heat energy system employing two fluids of different boiling points in heat exchange relation, Method of and apparatus for. H. H. Dow. 1,909,488; May 16.
- Control of acceleration and braking of vehicles driven by internal combustion engines. A. C. E. Neville. 1,921,693; Aug. 8.
- Control of alternating current motors and their supply circuits. A. H. Human. 1,923,624; Aug. 22.
- Control of electric circuits. D. C. Hoffmann. 1,919,980; July 25.
- Control of electric motors. J. G. Smithson. 1,898,403; Feb. 21.
- Control of exhaust gases for mixture heating, Automatic. D. Firth. 1,903,446; Apr. 11.
- Control of induction apparatus. J. I. Hull. 1,893,328; Jan. 3.
- Control of internal combustion engines, Automatic. W. M. Harrison. 1,930,200; Oct. 10.
- Control of the brakes and the throttles of automobiles. W. Otto. 1,914,233; June 13.
- Control of the properties of solid bodies dispersed in a liquid, Apparatus for the continuous. H. Müller-Clemm. 1,902,659; Mar. 21.
- Control relay. E. K. Read. 1,916,439; July 4.
- Control, Superheat. W. R. Wood. 1,918,311; July 18.
- Control surface for airplanes. G. M. Bellanca. 1,929,135; Oct. 3.
- Control switch. S. C. Gulick. 1,925,633; Sept. 5.
- Control switch, Elevator. H. C. Turnbull. 1,918,504; July 18.
- Control system. B. L. Armstrong. 1,907,705; May 9.
- Control system. H. Bany and H. T. Seeley. 1,937,498; Nov. 28.
- Control system. F. C. Biggert, jr., and R. H. Ellis. 1,939,588; Dec. 12.
- Control system. F. C. Biggert, jr., and J. A. Smitmans. 1,894,815; Jan. 17.
- Control system. E. H. Bristol. 1,917,092; July 4.
- Control system. T. Buchhold. 1,911,178; May 30.
- Control system. J. H. Cansdale. 1,930,338; Oct. 10.
- Control system. W. E. Dueringer. 1,931,791; Oct. 24.
- Control system. R. H. Ellis. 1,899,677; Feb. 28.
- Control system. F. A. Faust. 1,911,753; May 30.
- Control system. N. Hilgers. 1,897,845; Feb. 14.
- Control system. H. H. Johnston. 1,907,974; May 9.
- Control system. G. E. King, P. McShane, N. D. Cooper, and W. R. Harding. 1,934,506; Nov. 7.
- Control system. H. B. La Roque. 1,899,575; Feb. 28.
- Control system. V. Lind. 1,893,332; Jan. 3.
- Control system. O. W. Livingston. 1,904,485; Apr. 18.
- Control system. D. Malpass. 1,922,251; Aug. 15.
- Control system. A. S. Marthens. 1,905,238; Apr. 25.
- Control system. D. W. McLeneagan. 1,896,093; Feb. 7.
- Control system. B. M. Mills. 1,908,163; May 9.
- Control system. W. A. Minkler. 1,901,663; Mar. 14.
- Control system. A. L. Moreau. 1,912,909; June 6.
- Control system. S. G. Nortage. 1,901,608; Mar. 14.
- Control system. F. M. Roberts. 1,928,464; Sept. 26.
- Control system. W. Schaelchlin. 1,927,903; Sept. 26.
- Control system. W. Schaelchlin and E. Frisch. 1,940,887; Dec. 26.
- Control system. H. T. Seeley. 1,900,589; Mar. 7.
- Control system. H. T. Seeley. 1,937,497; Nov. 28.
- Control system. J. A. Serrell. 1,937,598; Dec. 5.
- Control system. D. R. Shoults. 1,920,897; Aug. 1.
- Control system. H. Stein. 1,895,946; Jan. 31.
- Control system. L. A. Umansky and C. B. Huston. 1,908,199; May 9.
- Control system. P. C. Ward. Re18,834; May 23.
- Control system. T. U. White. 1,905,256; Apr. 25.
- Control system. M. A. Whiting. 1,901,685; Mar. 14.
- Control system. M. A. Whiting. 1,915,042; June 20.
- Control system. G. S. Whitlow and H. T. Seeley. 1,937,368; Nov. 28.
- Control system and apparatus. H. C. Mitchell and J. W. Maurer. 1,915,941; June 27.
- Control system and apparatus. H. C. Parker. 1,898,209; Feb. 21.
- Control system and apparatus. C. Wilhjelm and G. H. Johanson. 1,916,401; July 4.
- Control system, Automatic. B. O. Austin, N. H. Willby, and R. R. Brooks. 1,894,971; Jan. 24.
- Control system, Automatic. E. G. Bailey. 1,894,616; Jan. 17.
- Control system, Automatic. J. A. Clarke, jr. 1,909,044; May 16.
- Control system, Duplex. H. L. Eastman. 1,921,385; Aug. 8.
- Control system, Elevator. W. F. Eames. 1,910,014; July 18.
- Control system, Excitation. H. T. Seeley. 1,923,754; Aug. 22.
- Control system for allerous. L. N. Yohe and M. Jensen. 1,893,118; Jan. 3.
- Control system for alternating current motors. B. V. Nagashev. 1,920,803; Aug. 1.

- Control system for automatic substations. R. C. Arter. 1,929,669; Oct. 10.
- Control system for bake ovens and the like. E. O. Engels. 1,938,625; Dec. 12.
- Control system for car couplers and electric circuits. H. E. Van Dorn. 1,924,821; Aug. 29.
- Control system for dynamo-electric machines. J. P. Skillen. 1,924,331; Aug. 29.
- Control system for electric current rectifiers. E. Kern. 1,919,890; July 25.
- Control system for electric elevators. E. W. Seeger. 1,937,917; Dec. 5.
- Control system for electric motors. J. A. Altmayer. 1,913,910; June 13.
- Control system for electric motors. A. K. Flueler. 1,905,838; Apr. 25.
- Control system for heating plants. C. M. Morgan. 1,925,455; Sept. 5.
- Control system for hoisting apparatus. W. A. Hummel. 1,938,071; Dec. 5.
- Control system for motor-generator locomotives. D. R. and E. I. Staples. 1,924,332; Aug. 29.
- Control system for prime mover generator plants. C. B. Taylor. 1,934,632; Nov. 7.
- Control system for roll-table motors. R. M. Kenah. 1,934,505; Nov. 7.
- Control system for rotary drilling. C. E. Weaver. 1,923,694; Aug. 22.
- Control system for tabulators, Automatic. A. F. Smith. 1,933,349; Oct. 31.
- Control system for tabulators, Split automatic. J. W. Bryce. 1,933,308; Oct. 31.
- Control system for waste water, Automatic. L. H. Kamper. 1,921,232; Aug. 8.
- Control system, Frequency. A. Hund. 1,896,238; Feb. 7.
- Control system, Hydraulic. R. J. Caughey. 1,922,881; Aug. 15.
- Control system, Master. J. M. Barrett. 1,918,891; July 18.
- Control system, Motor. R. T. Kintzing. 1,918,973; July 18.
- Control system, Motor vehicle. J. J. Gardner. 1,918,465; July 18.
- Control system, System of. E. M. Claytor. 1,909,094; May 16.
- Control system, System of. R. B. Taylor. 1,910,190; May 23.
- Control system, System of automatic. J. Leonpacher. 1,903,055; Mar. 28.
- Control system, Prime mover. W. M. White. 1,914,679; June 20.
- Control system, Split automatic. F. M. Carroll. 1,939,040; Dec. 12.
- Control system, Supervisory. W. Brückel. 1,913,187; June 6.
- Control system, Supervisory. K. Falck and J. E. Goodale. 1,912,935; June 6.
- Control system, Supervisory. R. J. Wensley. 1,922,183; Aug. 15.
- Control system, Train. A. E. Hudd. 1,920,197; Aug. 1.
- Control system, Two-button multival. W. F. Eames. 1,930,514; Oct. 17.
- Control systems for hot cathode vacuum tubes. A. Mutscheller. 1,894,051; Jan. 10.
- Control, Two operator two hand. E. Davis. 1,919,776; July 25.
- Control valve. F. J. Bast. 1,920,458; Aug. 1.
- Control valve. J. Naab. 1,917,316; July 11.
- Control valve. J. R. Replogle. 1,925,281; Sept. 5.
- Control valve. H. P. Wickersham and J. O. Tow. 1,922,225; Aug. 15.
- Control valve. H. A. Young. 1,927,972; Sept. 26.
- Control valve, Automatic water heater. E. Rogers. 1,905,949; Apr. 25.
- Control valve, Liquid level. M. H. Savage. 1,926,016; Sept. 5.
- Control, Vibrating apparatus. G. F. Dodge. 1,918,456; July 18.
- Control, Water heater. B. D. Wells. 1,920,284; Aug. 1.
- Control, Wild well. W. W. Whitwam. 1,918,161; July 11.
- Control with reflex action for helicopter type flying apparatus, Single. R. P. Pescara. 1,912,354; May 30.
- Controller. V. G. Apple. 1,926,419; Sept. 12.
- Controller. W. H. Aphorpe. 1,940,834; Dec. 26.
- Controller. L. Janisch. 1,894,098; Jan. 10.
- Controller. C. E. Mason and A. M. Dixon. 1,899,705; Feb. 28.
- Controller, Drum. H. Petersen. 1,920,431; Aug. 1.
- Controller for automobile heaters. G. G. Rosino. 1,909,870; May 16.
- Controller for dynamo-electric machines. C. Stansbury. 1,912,411; June 6.
- Controller for electric circuits. S. S. Green. 1,920,033-4; July 25.
- Controller for electric motors. C. W. Kuhn and P. Ryan. 1,897,059; Feb. 14.
- Controller for electrical circuits. J. E. Coffin. 1,932,449; Oct. 31.
- Controller for shock absorbers. R. F. Peo. 1,929,791; Oct. 10.
- Controller for vacuum operated directional signals. J. W. Haywood. 1,928,452; Sept. 26.
- Controller, Thermostatic. J. M. Larson. 1,919,337; July 25.
- Controllers for conveyers of granular materials. W. M. Schweickart. 1,912,335; May 30.
- Controlling and actuating mechanism for motor vehicle transmissions. R. W. Pitman. 1,927,789; Sept. 19.
- Controlling apparatus. E. T. Johnson. 1,903,459; Apr. 11.
- Controlling apparatus for automobile signal systems. C. Wade. 1,923,343; Aug. 22.
- Controlling apparatus for drilled wells. F. V. Barycz. 1,893,489; Jan. 10.
- Controlling apparatus for highway crossing signals. B. Mishelevich. 1,937,773; Dec. 5.
- Controlling apparatus for highway crossing signals. H. S. Young. 1,933,690; Nov. 7.
- Controlling apparatus for locomotives. H. Lemp. 1,925,839; Sept. 5.
- Controlling apparatus for pneumatic tools and the like. C. Carliotti. 1,913,916; June 13.
- Controlling device. F. A. Jimerson. 1,938,338; Dec. 5.
- Controlling device. H. E. Kavanaugh. 1,899,807; Feb. 28.
- Controlling device. A. J. Weatherhead, jr. 1,932,056; Oct. 24.
- Controlling device, Automatic. R. Penn. 1,904,326; Apr. 18.
- Controlling device for brake cams. L. N. Lauer. 1,918,966; Oct. 10.
- Controlling device for controlling pistons of internal combustion engines. T. V. Hemmingsen. 1,900,605; Mar. 7.
- Controlling device for electric motors. G. H. Leland. 1,907,985; May 9.
- Controlling device for engines. J. Kuttner. 1,935,507; Nov. 14.
- Controlling device for liquid distributors, Electrical. J. J. M. Gueux. 1,919,105; July 18.
- Controlling device for record-controlled machines. J. W. Bryce. 1,902,013; Mar. 21.
- Controlling device, Intermittently-operating. O. W. Fisher, R. E. Walter, and H. B. Weatherstone. 1,906,943; May 2.
- Controlling device, Pneumatic. M. Bergoin. 1,911,259; May 30.
- Controlling device, Producing a. A. J. Weatherhead, jr. 1,905,664; Apr. 25.
- Controlling generator. C. I. McNeil. 1,896,142; Feb. 7.
- Controlling means. W. J. Andres. 1,905,328; Apr. 25.
- Controlling means. I. M. Laddon, W. A. Ring, and F. W. Herman. 1,919,520; July 25.
- Controlling means for electric lighting installation of railway cars. F. Trinchero. 1,901,274; Mar. 14.
- Controlling means for knitting machines. N. Levin. 1,902,870; Mar. 28.
- Controlling means for vehicle wheel brakes. J. B. Des Rosiers. 1,904,359; Apr. 18.
- Controlling mechanism. R. D. Cleveland. 1,916,300; July 4.
- Controlling mechanism. E. P. and L. J. Renaux. 1,918,667; July 18.
- Controlling mechanism for animal watering troughs. E. Reyer. 1,896,860; Feb. 7.
- Controlling mechanism for motors. W. C. Powell. 1,915,760; June 27.
- Controlling mechanism for multicolor printing presses, Traveling offset web. H. M. Barber. 1,920,431; Aug. 1.
- Controlling mechanism for multipindle drills, etc., Fluid actuated. R. M. Lovejoy. 1,906,387; May 2.
- Controlling mechanism for sewing machines, Thread. W. M. Hanneman. 1,899,802; Feb. 28.
- Controlling mechanism for tractors. F. O. Snow, jr. 1,906,428; May 2.
- Controlling mechanism for transmissions. M. Stucatur. 1,933,603; Nov. 7.
- Controlling reaction between cellulose and other reagents. R. Müller and M. Schenck. 1,910,176; May 23.
- Controlling regeneration in electrically propelled vehicles. W. A. Stevens. 1,933,231; Oct. 31.
- Controlling the vertical slide on double acting bolt presses, Device for. C. Hilgeland. 1,918,910; July 18.
- Controlling valve for couplers. R. R. Stevens. 1,932,091; Oct. 24.
- Convactor. R. S. Wentworth. 1,927,080; Sept. 19.
- Conversion burner. V. J. Pauloo. 1,936,950; Nov. 28.
- Conversion products of azo-dyestuffs, Production of dyeing. E. Wanner. 1,907,192; May 2.
- Converter. I. Hechenbleikner. 1,927,493; Sept. 19.
- Converter. I. Hechenbleikner and N. Titlestad. 1,894,992; Jan. 24.
- Converter system. L. R. Ludwig and R. E. Hellmund. 1,936,798; Nov. 28.
- Convertible bed table. G. Klotz. 1,924,945; Aug. 29.
- Convertible chair. L. Gilch. 1,918,261; July 18.
- Convex cutting method and apparatus. A. M. Remington. 1,895,819; Jan. 31.
- Conveyance of goods through furnaces and the like. A. Smallwood and J. Fallon. 1,909,906; May 16.
- Conveyer. L. C. Allen. 1,919,495; July 25.
- Conveyer. J. W. Allen and E. F. Obley. 1,933,404; Oct. 31.
- Conveyer. E. H. Allfree. 1,935,106; Nov. 14.
- Conveyer. M. J. Anderson. 1,893,574; Jan. 10.
- Conveyer. B. Baumann. 1,927,625; Sept. 19.
- Conveyer. G. M. Crawford and J. M. London. 1,922,198; Aug. 15.
- Conveyer. N. W. Elmer. 1,935,437; Nov. 14.
- Conveyer. C. Evans, jr. 1,899,893; Feb. 28.
- Conveyer. W. J. Gibbs. 1,920,981; Aug. 8.

- Conveyer. H. R. Gotthardt. 1,919,837; July 25.
 Conveyer. J. Hirshfeld. 1,913,388; June 13.
 Conveyer. A. Hoefleur. 1,896,407; Feb. 7.
 Conveyer. L. E. Jones. 1,897,431; Feb. 14.
 Conveyer. H. C. Keller and M. Van Billiard. 1,900,563; Mar. 7.
 Conveyer. H. C. Keller and M. Van Billiard. 1,909,492; May 16.
 Conveyer. N. D. Levin. 1,917,134; July 4.
 Conveyer. J. H. MacLauchlan. 1,905,924; Apr. 25.
 Conveyer. J. B. Mavor. 1,895,551; Jan. 31.
 Conveyer. J. B. McWilliams. 1,899,766; Feb. 28.
 Conveyer. M. Melnick. 1,911,961; May 30.
 Conveyer. J. J. Mojonnier. 1,929,707; Oct. 10.
 Conveyer. H. A. Mulvany. 1,928,339; Sept. 26.
 Conveyer. N. H. Preble. 1,939,862; Dec. 19.
 Conveyer. A. Redler. 1,904,167; Apr. 18.
 Conveyer. A. Redler. 1,910,056; May 23.
 Conveyer. A. L. Shaw. 1,931,037; Oct. 17.
 Conveyer. W. W. Sibson and H. L. Galson. 1,906,642; May 2.
 Conveyer. R. Smith. 1,922,141; Aug. 15.
 Conveyer. H. E. Twomley. 1,906,288; May 2.
 Conveyer. J. C. Walter and R. Vogt. 1,903,732; Apr. 11.
 Conveyer. J. L. Wentz. 1,938,650; Dec. 12.
 Conveyer. A. O. Williams. 1,896,386; Feb. 7.
 Conveyer. H. A. W. Wood. 1,920,615; Aug. 1.
 Conveyer. E. R. Zademach. 1,896,150; Feb. 7.
 Conveyer. Adjustable main. F. N. Ross. 1,903,478; Apr. 11.
 Conveyer advance mechanism. A. J. Weiss. 1,934,835; Nov. 14.
 Conveyer, Air current. J. B. Schaub. 1,901,932; Mar. 21.
 Conveyer and scale, Combination. A. J. Mehl. 1,902,512; Mar. 21.
 Conveyer apparatus. W. H. Paulson. 1,939,315; Dec. 12.
 Conveyer apparatus for loading cars. J. A. Garcia and S. M. Cassidy. 1,920,500; Aug. 1.
 Conveyer, Apron. S. A. Coleman. 1,922,908; Aug. 15.
 Conveyer, Band. C. W. Gardiner. 1,906,147; Apr. 25.
 Conveyer, Belt. W. J. Mann. 1,907,989; May 9.
 Conveyer, Belt. T. G. Nyborg. 1,921,205; Aug. 8.
 Conveyer, Belt drive. F. T. Cope and R. C. Oyster. 1,930,584; Oct. 17.
 Conveyer belt element forming machine. J. C. Anderson. 1,911,143; May 23.
 Conveyer chain. O. M. Lund. 1,915,939; June 27.
 Conveyer control. D. E. Keech. 1,899,336-8; Feb. 28.
 Conveyer device. C. G. O'Hara. 1,921,771; Aug. 8.
 Conveyer, Distributing. J. J. Mojonnier. 1,930,318; Oct. 10.
 Conveyer drive means. V. H. Winqvist. 1,903,383; Apr. 4.
 Conveyer, Endless. C. H. Marshall. 1,917,659; July 11.
 Conveyer, Endless chain. R. W. Egan and C. H. Petskeyes. 1,910,096; May 23.
 Conveyer, escalator, and the like. J. H. Meacock. 1,904,068; Apr. 18.
 Conveyer, Extensible. H. E. Twomley. 1,935,734; Nov. 21.
 Conveyer for bottle sealing and filling. H. M. Ross. 1,913,001; June 6.
 Conveyer for chemical and electrochemical operations. Automatic. W. F. Hall. 1,896,079; Feb. 7.
 Conveyer for concrete product machine. Unit. T. S. D'Orfrio. 1,899,611; Feb. 28.
 Conveyer for continuous heating furnaces. Pawl. R. E. Talley. 1,921,592; Aug. 8.
 Conveyer for cotton. J. A. Streun. 1,902,675; Mar. 21.
 Conveyer for cylindrical objects. L. A. Camerota. 1,919,199; July 25.
 Conveyer for furnaces. O. K. Carpenter. 1,923,772; Aug. 22.
 Conveyer for furnaces. R. S. Cochran. 1,900,428; Mar. 7.
 Conveyer for heat treating furnaces. G. C. McCormick. 1,911,457; May 30.
 Conveyer for manipulating cylindrical articles. A. B. Bradley. 1,930,641; Oct. 17.
 Conveyer for self serving restaurants. O. W. Holmes. 1,933,554; Nov. 7.
 Conveyer for sheet-glass forming machines, Take-off and leering. E. Gentil. Re18,881; June 27.
 Conveyer for use in heat treating furnaces. H. H. Harris. 1,922,039; Aug. 15.
 Conveyer furnace. G. S. Peterson. 1,906,092; Apr. 25.
 Conveyer, Glassware. H. W. Ingle. 1,921,390; Aug. 8.
 Conveyer, Hydraulic. F. D. Chapman. 1,908,220; May 9.
 Conveyer installation. C. S. Jennings and L. C. Allen. 1,922,699; Aug. 15.
 Conveyer, Jigging. A. Andreas. 1,919,086; July 18.
 Conveyer, Jigging. T. G. Nyborg. 1,939,514; Dec. 12.
 Conveyer, Material. H. H. Weiss. 1,892,920; Jan. 3.
 Conveyer mechanism. L. E. Dupuy. 1,899,320; Feb. 28.
 Conveyer mechanism. J. R. Knopf. 1,923,036; Aug. 15.
 Conveyer mechanism. C. Littlefield. 1,903,375; Apr. 4.
 Conveyer mechanism. W. A. Marcy. 1,923,447; Aug. 22.
 Conveyer mechanism. M. Morgan. 1,895,046; Jan. 24.
 Conveyer mechanism. F. B. Roberts and W. G. Huntington. 1,916,532; July 4.
 Conveyer mechanism. R. E. Talley. 1,906,659; May 2.
 Conveyer mechanism, Swinging. A. J. Penote. 1,924,455; Aug. 29.
 Conveyer, Mine. E. F. Muller. 1,919,302; July 25.
 Conveyer of the belt type. J. Thomson. 1,925,014; Aug. 29.
 Conveyer of the belt type. J. Thomson. 1,928,190; Sept. 26.
 Conveyer, Pneumatic. G. Bernert. 1,924,675; Aug. 29.
 Conveyer, Portable. C. Jones. 1,937,198; Nov. 28.
 Conveyer, Portable. V. L. Telf. 1,937,925; Dec. 5.
 Conveyer, Reciprocating. E. F. Tafel. 1,926,659; Sept. 12.
 Conveyer relay or terminal, Pneumatic. J. M. Chulstrom. 1,923,052; Aug. 15.
 Conveyer roll. G. N. Van Derhoef. 1,921,445; Aug. 8.
 Conveyer, Self-loading and unloading trolley. C. A. McKenny. 1,922,970; Aug. 15.
 Conveyer, Shaker. T. A. Luke. 1,895,673; Jan. 31.
 Conveyer, Shaker. T. G. Nyborg. 1,915,198; June 20.
 Conveyer, Sheet. H. E. Edwards. 1,909,668; May 16.
 Conveyer, Sheet. G. R. Roemer. 1,935,783; Nov. 21.
 Conveyer, Stoker. H. P. Anderson. 1,925,710; Sept. 5.
 Conveyer, Stoker. F. C. Pickard and H. P. Anderson. 1,915,950; June 27.
 Conveyer, Switching. H. R. Gotthardt and W. E. Cain. 1,900,602; Mar. 7.
 Conveyer, Switching. H. R. Gotthardt and W. E. Cain. 1,929,354; Oct. 3.
 Conveyer, Switching. H. D. Posey. 1,904,837; Apr. 18.
 Conveyer switching system, Remote control. S. Olson. 1,903,473; Apr. 11.
 Conveyer synchronizing control. W. B. Snyder and D. E. Chambers. 1,899,595; Feb. 28.
 Conveyer system. L. C. Allen. 1,905,025; Apr. 25.
 Conveyer system. A. L. Beach. 1,916,552; July 4.
 Conveyer system. P. J. Birkmeyer. 1,934,617; Nov. 7.
 Conveyer system. D. R. Clemons and W. R. Neumann. 1,929,913; Oct. 10.
 Conveyer system. W. T. Donaldson. 1,919,934; July 25.
 Conveyer system. S. Eggleston. 1,924,488; Aug. 29.
 Conveyer system. O. M. Glahn and G. A. Grassby, jr. 1,939,891; Dec. 19.
 Conveyer system. C. S. Jennings. 1,938,104; Dec. 5.
 Conveyer system. A. N. Klyver. 1,914,778; June 20.
 Conveyer system. C. W. Robbins. 1,934,377; Nov. 7.
 Conveyer system. H. E. Schrader. 1,906,339; May 2.
 Conveyer system. H. Stibbs. 1,903,488; Apr. 11.
 Conveyer system. H. E. Twomley. 1,901,066; Mar. 14.
 Conveyer system. J. B. Webb and D. A. Blair. 1,921,109; Aug. 8.
 Conveyer system. R. R. Worrall. 1,917,004; July 4.
 Conveyer system. R. R. Worrall. 1,937,303; Nov. 28.
 Conveyer system and apparatus therefor, Rotary. K. T. Potthoff. 1,901,471; Mar. 14.
 Conveyer system and chute. W. C. Yeakel. 1,908,722; May 16.
 Conveyer system, Helicoid. O. L. Meeks. 1,906,395; May 2.
 Conveyer system, Strap. B. Beardsley, W. C. Chadbourne, and M. B. Smith. 1,941,144; Dec. 26.
 Conveyer system with diverters. S. Eggleston. 1,898,818; Feb. 21.
 Conveyer take-off. E. G. Griffith. 1,896,402; Feb. 7.
 Conveyer track. W. J. Allman. 1,932,501; Oct. 31.
 Conveyer, Transfer. S. H. Durbin. 1,895,411; Jan. 24.
 Conveyer transfer mechanism. M. V. Creedon. 1,928,482; Sept. 26.
 Conveyer, Trolley. S. Shafer, jr. 1,901,850; Mar. 14.
 Conveyer, Vertical. L. C. Allen. 1,911,984; May 30.
 Conveyer, Vertical. C. S. Jennings and L. C. Allen. 1,912,898; June 6.
 Conveyer, Vertical. C. S. Jennings and C. R. Libby. 1,912,144; May 30.
 Conveyer, Vertical. J. E. Regan. 1,910,965; May 23.
 Conveyers and the like, Operating device for. H. W. Bradley and E. G. Schlup. 1,907,142; May 2.
 Conveyers, Discharge for drag. H. G. Life. 1,911,158; May 23.
 Conveyers, Joining fluid. G. A. Belding. 1,936,079; Nov. 21.
 Conveyers, Lubricating. F. J. and E. West. 1,933,464; Oct. 31.
 Conveying and loading device. F. J. Dietz. 1,898,037; Feb. 21.
 Conveying apparatus, Automatic. H. R. Gotthardt and W. E. Cain. 1,900,603; Mar. 7.
 Conveying device. V. D. Popov. 1,926,914; Sept. 12.
 Conveying Jack. A. L. Kern. 1,903,115; Mar. 28.
 Conveying mechanism. C. A. Adams. 1,931,453; Oct. 17.
 Conveying mechanism. M. J. Anderson. 1,931,454; Oct. 17.
 Conveying mechanism. H. A. Greenholt. 1,905,701; Apr. 25.
 Conveying mechanism. E. E. Hageline. 1,918,537; July 18.
 Conveying mechanism. O. N. Tevander. 1,907,900; May 9.
 Conveying mechanism. W. E. Wunderlich. 1,898,281; Feb. 21.
 Conveying mechanism. W. E. Wunderlich. 1,906,036; Apr. 25.
 Conveying mechanism for furnaces and the like. E. N. Millan and P. C. Jones. 1,924,452; Aug. 29.
 Conveying mechanism for glassware and the like. R. G. Bacheller. 1,896,657; Feb. 7.
 Conveying mechanism for grinding mills and the like. J. Holland-Letz. 1,925,395; Sept. 5.
 Conveying mechanism for stitching machine and the like. I. R. Metcalf. 1,920,417; Aug. 1.
 Conveying system. M. J. Anderson. 1,900,150; Mar. 7.

- Conveying system. T. A. Federwitz and W. T. Bailey. 1,893,736; Jan. 10.
- Conveying system. T. A. Federwitz and W. T. Bailey. 1,906,051; Apr. 25.
- Conveying system. H. R. Gotthardt and W. E. Cain. 1,905,379; Apr. 25.
- Conveying system for use in mines, Hydraulic. J. Brown. 1,911,880; May 30.
- Cooker. R. A. Trace. 1,910,485; May 23.
- Cooker and cooler. F. D. Chapman. 1,919,185; July 25.
- Cooker and stirrer for popcorn and the like, Combined. F. E. Wyland. 1,899,968; Feb. 21.
- Cooker, Deep fat. C. W. Mabey. 1,925,265; Sept. 5.
- Cooker, Electric. P. F. Vaughn. 1,915,962; June 27.
- Cooker, Electric. H. C. Warner. 1,919,050; July 18.
- Cooker, Pressure. C. Nelson. 1,894,280; Jan. 17.
- Cooker, Sausage. R. H. Young. Des. 90,182; June 20.
- Cooker, Steam. H. E. Launderville. 1,903,310; Apr. 4.
- Cooker, Vegetable. M. Powell. 1,909,983; May 23.
- Cookie machine. F. C. Werner and H. O. Van Antwerp. 1,936,893; Nov. 28.
- Cooking and cooling apparatus. A. R. Thompson. 1,921,442; Aug. 8.
- Cooking apparatus. W. Jourdan. 1,921,231; Aug. 8.
- Cooking apparatus, Automatic. H. T. Hunter. 1,904,370; Apr. 18.
- Cooking appliance. R. M. Markus. 1,937,283; Nov. 28.
- Cooking device, Automatic. V. G. Vaughan. 1,901,616; Mar. 14.
- Cooking machinery, Automatic. E. R. Brokvist and C. A. Fausel. 1,897,999; Feb. 21.
- Cooking receptacle, Enamelled sheet metal. C. T. Carlson. 1,933,890; Nov. 7.
- Cooking utensil. J. Harris. Ref. 8,923; Aug. 22.
- Cooking utensil or like article. T. A. Edison, jr. Des. 90,362; July 25.
- Cooking vessel, Heat insulated. A. T. Smith. 1,924,699; Aug. 29.
- Coolant supply for machine tools. F. E. Stratton. 1,938,875; Dec. 12.
- Cooler. See—
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| Beverage cooler. | Milk cooler. |
| Camp cooler. | Oil cooler. |
| Counter-current cooler. | Rotary cooler. |
| Cream cooler. | Scalp cooler. |
| Fluid cooler. | Surface cooler. |
| Liquid cooler. | Water cooler. |
| Lubricant cooler. | Water glass cooler. |
- Cooler. P. Schlumböhm. 1,906,815; May 2.
- Cooler and aerator, Milk and cream. J. C. Skarstad. 1,913,731; June 13.
- Cooler and dispenser, Water. G. J. Wiggenhorn. 1,928,344; Sept. 26.
- Cooler and filter, Oil. K. E. Lyman. 1,906,984; May 2.
- Cooler and support therefor, Combined water. T. C. Tucker. 1,933,517; Oct. 31.
- Cooler attachment for refrigerators, Water. V. M. Maine. 1,936,517; Nov. 21.
- Cooler for cooling oil. K. M. Urquhart. 1,909,556; May 16.
- Cooler for fuel gases. J. E. Hamacheck. 1,938,252; Dec. 5.
- Cooler for refrigerators, Liquid. L. G. Lindsay. 1,899,578; Feb. 23.
- Cooler for refrigerators, Water. W. H. Hinz. 1,934,427; Nov. 7.
- Cooler or condenser, Oil distillate. J. S. Wallis. 1,940,338; Dec. 19.
- Cooling air flow control for vehicle-engines. E. G. Petersen. 1,924,654; Aug. 29.
- Cooling and condensing apparatus. W. H. Creel. 1,908,733; May 16.
- Cooling and ventilating system. A. F. Masury and C. Froesch. 1,938,846; Dec. 12.
- Cooling apparatus. E. F. Hulbert. 1,930,808; Oct. 17.
- Cooling apparatus. B. F. Kubaugh. 1,935,270; Nov. 14.
- Cooling apparatus. J. A. Prudente and R. T. Iula. 1,896,787; Feb. 7.
- Cooling apparatus. J. A. Stubbjare. 1,898,603; Feb. 21.
- Cooling, Apparatus for. D. K. Warner. 1,928,580; Sept. 26.
- Cooling apparatus for passenger compartments of motor vehicles. B. F. Hammers, D. Starrett, and J. E. Hammers. 1,913,273; June 6.
- Cooling apparatus for reciprocating pistons. C. Schaer. 1,928,033; Sept. 26.
- Cooling apparatus, Portable. W. F. Dietrichson. 1,894,674; Jan. 17.
- Cooling apparatus, Portable. G. O'Brien. 1,909,866; May 16.
- Cooling device. A. and J. M. González. 1,920,856; Aug. 1.
- Cooling device for anodes in metal vapor rectifiers. U. Lamm. 1,894,593; Jan. 17.
- Cooling device for closed electrical motors, generators, or the like machines. A. Lysholm. 1,938,077; Dec. 5.
- Cooling device for internal combustion engines. J. C. Garrott. 1,896,355; Feb. 7.
- Cooling device for internal combustion engines. R. H. Morrison. 1,912,154; May 30.
- Cooling device for the heads of furnaces. F. Fiorelli. 1,906,789; May 2.
- Cooling drum for cooling of liquid and molten substances. A. Gerstenberg. 1,928,173; Sept. 26.
- Cooling effect of refrigerants, Regulating the. P. Schlumböhm. 1,894,638; Jan. 17.
- Cooling facilities for rotary compressors. H. Steiner. 1,905,521; Apr. 25.
- Cooling for electric machines. A. Lysholm. 1,912,586; June 6.
- Cooling hot blast and hot gas gate valve disks, Uniformly. J. Schlotmann. 1,918,430; July 18.
- Cooling means for closed electrical motors, generators, or the like machines. A. Lysholm. 1,938,076; Dec. 5.
- Cooling means for draw works for well drilling machinery. G. F. Myers. 1,894,001; Jan. 10.
- Cooling means for engine structures and cylinder heads therefor. O. H. Spencer. 1,896,257; Feb. 7.
- Cooling means for internal combustion engines. R. L. Hawkins. 1,918,471; July 18.
- Cooling means for motion picture projectors. E. S. Carpenter. 1,921,214; Aug. 8.
- Cooling means for rolled bars. J. Gassen. 1,905,461; Apr. 25.
- Cooling means for rotary valves. A. Baer. 1,893,855; Jan. 10.
- Cooling means for soot blower apparatus. T. G. Coghlan. 1,939,387; Dec. 12.
- Cooling mold. L. H. Hoiland. 1,910,015; May 23.
- Cooling of annealed goods in cooled vessels, Apparatus for and the. H. Prüfert. 1,895,680; Jan. 31.
- Cooling of compressors with pistons, Device for. A. Huguenin. 1,898,729; Feb. 21.
- Cooling of heated objects, Method of and apparatus for effecting. A. A. Neave and C. W. Helstrom. 1,934,203; Nov. 7.
- Cooling of iron mercury rectifiers. A. W. Hull. 1,909,105; May 16.
- Cooling plants, Apparatus for the ventilation of. A. L. Thomson. 1,904,570; Apr. 18.
- Cooling sintered material. J. E. Greenawalt. 1,900,234; Mar. 7.
- Cooling system. E. Cline. 1,926,970; Sept. 12.
- Cooling system. E. F. Fisher. 1,895,652; Jan. 31.
- Cooling system. C. O. Guernsey. 1,930,387; Oct. 10.
- Cooling system. H. H. Humphreys. 1,904,686; Apr. 18.
- Cooling system. J. R. Rippe. 1,900,586; Mar. 7.
- Cooling system and cylinder head construction. H. W. Ashmussen. 1,940,522; Dec. 19.
- Cooling system, Electric power rectifier. O. Seitz. 1,932,991; Oct. 31.
- Cooling system for aeronautical engines. W. F. Davis. 1,938,537; Dec. 5.
- Cooling system for firearms. F. T. Moore. 1,919,242; July 25.
- Cooling system for furnace walls. O. H. Hedrich. 1,936,161; Nov. 21.
- Cooling system for high power high frequency transmitters. L. A. Gebhard. 1,939,689; Dec. 19.
- Cooling system for internal combustion engines. C. R. Foutz. 1,895,509; Jan. 31.
- Cooling system for internal combustion engines. C. R. Foutz. 1,937,514; Dec. 5.
- Cooling system for moving vehicles. J. B. Strauss. 1,925,415; Sept. 5.
- Cooling system for passenger vehicles. C. F. Hall. 1,928,375; Sept. 26.
- Cooling system for refrigerator cars, Auxiliary. H. Giddings. 1,937,649; Dec. 5.
- Cooling system for thermionic apparatus, Protective. M. A. Acheson. 1,940,284; Dec. 19.
- Cooling system for thermionic apparatus, Protective. H. J. Nolte. 1,940,319; Dec. 19.
- Cooling system for vacuum tubes. C. A. Culver. 1,905,811; Apr. 25.
- Cooling tower. N. O. Fleming. 1,941,000; Dec. 26.
- Cooling tower construction. W. J. Hoffmann. 1,920,642; Aug. 1.
- Cooling tower, Redistribution type. L. T. Mart. 1,928,904; Oct. 3.
- Cooling unit. L. G. Copeman. 1,912,826; June 6.
- Cooling unit. T. Lewis. 1,917,043; July 4.
- Cooling unit. G. L. Spring. 1,893,378; Jan. 3.
- Cooling unit construction. L. G. Copeman. 1,912,827; June 6.
- Cooling unit, Flooded. W. E. Bihl and A. Ramclaw. 1,912,753; June 6.
- Cooling unit for refrigerating apparatus. H. A. Greenwald. 1,914,994; June 20.
- Cooling unit for refrigerating apparatus. F. R. West. 1,927,510; Sept. 19.
- Cooling unit for refrigeration purposes and making same. A. S. Limpert. 1,929,952; Oct. 10.
- Cooling unit for refrigerating systems. M. F. Booth. 1,893,321; Jan. 3.
- Coop. D. H. York and H. L. Kincaid. 1,927,481; Sept. 19.
- Cooper-arsenic compound of palmitic acid and preparing it. F. Leibbrandt. 1,910,223; May 23.
- Coordinatograph. H. Pulver. 1,927,992; Sept. 26.
- Cop and producing same. P. T. Gately and G. A. Bowen. 1,938,586; Dec. 12.
- Cop cone, or package and winding the same. E. F. Parks. 1,915,200; June 20.
- Cop tube. G. A. Anderson. 1,916,183; June 27.
- Cop winding frame. W. Schweiter. 1,920,111; July 25.
- Cop winding machine. B. Gordon, jr. 1,927,547; Sept. 19.
- Cop winding machine. H. G. Johnson. 1,909,181; May 16.
- Cope for rail welding molds and forming the same. E. F. Begtrup. 1,914,878; June 20.

- Copper alloys, Treating. Y. Shiraishi. 1,927,671; Sept. 19.
- Copper-base alloy. D. K. Crampton. 1,938,172; Dec. 5.
- Copper base alloy. H. C. Jennison. 1,919,725; July 25.
- Copper compounds and product, Manufacturing. D. W. and B. H. Marsh. 1,937,524; Dec. 5.
- Copper compounds from the waste liquors of the cuprammonium silk stretch spinning process, Recovery of. I. Mutti. 1,920,208; Aug. 1.
- Copper cooled valve. F. C. Crawford. 1,896,072; Feb. 7.
- Copper from spent reaction masses, Recovery of. W. S. Calcott, J. A. Nieuwland, and F. B. Downing. 1,915,152; June 20.
- Copper hydroxide, Making. H. P. Bassett and J. C. Simons. 1,920,053; July 25.
- Copper-lead alloy process. F. A. Kormann. 1,912,712; June 6.
- Copper-lead, Melting. R. D. Pike. 1,910,446; May 23.
- Copper melting furnace method. R. P. Heuer. 1,914,717; June 20.
- Copper, Metallurgy of. H. H. Alexander and A. W. Carroll. 1,903,497; Apr. 11.
- Copper minerals or values by froth flotation, Recovery of. R. J. Lemmon. 1,939,068; Dec. 12.
- Copper or equivalent metals, Casting. W. F. Eppensteiner. 1,894,982; Jan. 24.
- Copper oxide rectifier. A. L. Atherton. 1,924,300; Aug. 29.
- Copper oxide rectifier. G. F. Martin, jr. 1,901,563; Mar. 14.
- Copper, Preventing embrittlement of. F. C. Kelley. 1,911,023; May 23.
- Copper, Purification of. G. S. Evans. 1,921,180; Aug. 8.
- Copper, Refining of. J. P. Leemans. 1,919,699; July 25.
- Copper silicon manganese alloy. H. C. Jennison. 1,936,397; Nov. 21.
- Copper treating furnace. W. J. Benson. 1,896,570; Feb. 7.
- Copper zinc silicon alloys. K. W. Ray and H. W. Gould. 1,933,390; Oct. 31.
- Copy and book holder. B. E. Van Alstine. 1,903,523; Apr. 11.
- Copyholder. N. Dodds. 1,938,671; Dec. 19.
- Copy holder. C. Pensky. 1,905,834; Apr. 25.
- Copy holder. C. C. Harper and E. F. Kitendaugh. 1,919,429; July 25.
- Copyholder. F. J. Kavanaugh. 1,899,759; Feb. 28.
- Copyholder. H. Malcolm. 1,931,767; Oct. 24.
- Copyholder. A. Muir and F. Cross. 1,933,023; Oct. 31.
- Copyholder. F. W. Storck. 1,918,217; July 11.
- Copyholder. B. E. Van Alstine. 1,908,874; May 16.
- Copying device. W. C. Bohmert. 1,930,605; Oct. 17.
- Copying machine. L. J. Sauer. 1,937,789; Dec. 5.
- Copying mechanism. O. Waldrich. 1,893,916; Jan. 10.
- Cord attaching device for curtain and portière traversers. S. T. Caruso. 1,898,938; Feb. 21.
- Cord, Elastic. C. Faure-Roux. 1,923,926; Aug. 22.
- Cord, Extension. A. Rosenthal. 1,937,981; Dec. 5.
- Cord for trimming and decorating purposes. C. P. Schlegel. Des. 91,123; Nov. 28.
- Cord, Hair cushion. W. E. Sackner. 1,933,076; Oct. 31.
- Cord holder and take-up reel, Combined. W. P. Crockett. 1,907,933; May 9.
- Cord insertion device. G. H. Leaf. 1,928,455; Sept. 26.
- Cord, Multicolored paper. W. E. Sackner. 1,912,012; May 30.
- Cord or edge roll for upholstering furniture. W. E. Sackner. 1,926,500; Sept. 12.
- Cord retriever. S. T. Strang. 1,936,463; Nov. 21.
- Cord take-up structure. B. J. Tamarin. 1,921,438; Aug. 8.
- Cord terminal manufacturing process and apparatus. N. H. Watts. 1,913,419; June 13.
- Cords and braids, Forming composite. W. Mendel. 1,923,322; Aug. 22.
- Core barrel nose. G. A. Macready. 1,894,999; Jan. 24.
- Core box. M. L. Holloway and C. Stephenson. 1,892,748; Jan. 3.
- Core-breaker. N. K. Bowman. 1,903,772; Apr. 18.
- Core catcher. J. B. Ragsdale. 1,899,354; Feb. 28.
- Core, Collapsible. F. L. Johnson. 1,903,458; Apr. 11.
- Core drawing machine. L. G. Kitto. 1,913,808; June 13.
- Core drill. C. A. Dean. 1,896,703; Feb. 7.
- Core drill. J. H. Howard. 1,923,486; Aug. 22.
- Core drill. G. A. Macready. 1,895,001; Jan. 24.
- Core drill. W. J. Mitchell. 1,907,154; May 2.
- Core drill and ascertaining drip. G. A. Macready. 1,894,995; Jan. 24.
- Core drill, Orientation. G. A. Macready. 1,895,000; Jan. 24.
- Core drill reamer. L. H. Wellensiek. 1,905,078; Apr. 25.
- Core drill, Rotary. G. A. Macready. 1,894,998; Jan. 24.
- Core-drill, Telescoping. A. Soll. 1,896,469; Feb. 7.
- Core drill with clock operated photographic means for ascertaining dip. G. A. Macready. 1,894,996; Jan. 24.
- Core, Edge-wound. D. E. Carpenter. 1,920,354; Aug. 1.
- Core, Expandable. G. F. Mullin. 1,927,803; Sept. 19.
- Core for molds. W. Underwood. 1,900,372; Mar. 7.
- Core for paper rolls. J. E. Boldman and A. H. Fitzgerald. 1,908,108; May 9.
- Core for textile machinery spools. E. G. Crooks. 1,934,167; Nov. 7.
- Core forming device. E. P. Kinne and L. T. May. 1,930,682; Oct. 17.
- Core forming machine for electrical apparatus and making cores. F. E. Fisher. 1,920,155; July 25.
- Core laminæ, Making. J. C. Daley. 1,901,584; Mar. 14.
- Core laminations, Making. J. C. Daley. 1,939,668; Dec. 19.
- Core, Magnetic. O. Dahl and J. Pfaffenberger. 1,902,491; Mar. 21.
- Core making machine, Continuous. M. W. Zeman. 1,910,417; May 23.
- Core member and making the same, Laminated. C. O. Bergstrom. 1,936,244; Nov. 21.
- Core plug. R. J. Brown and R. W. Van Peenan. 1,919,769; July 25.
- Core punchings, Producing magnetic. J. J. Frank. 1,915,988; June 27.
- Core splicing machine. E. W. Bebie. 1,920,343; Aug. 1.
- Core structure. P. J. Mulligan. 1,930,250; Oct. 10.
- Core venting machine, Multiple. A. W. Connor. 1,925,479; Sept. 5.
- Core with supporting and clamping structure, Magnetic. F. F. Brand. 1,905,790; Apr. 25.
- Core wrapping machine. E. Watchorn. 1,933,289; Oct. 31.
- Cored articles of plastic material, Method and apparatus for making. J. O. Goodwin. 1,939,894; Dec. 19.
- Corer, Fruit. F. P. Riddell. 1,906,419; May 2.
- Cores and instrument therefor, Obtaining. S. H. Wiliston. 1,932,612; Oct. 31.
- Cores, Apparatus for sheathing. G. L. Cherry. 1,939,041; Dec. 12.
- Cores, Apparatus for the orientation of drill. A. G. H. Straatman. 1,897,871; Feb. 14.
- Cores for cables for communication circuits. K. Schumann. 1,904,547; Apr. 18.
- Cores for dynamo-electric machines, Forming. T. A. Wry. 1,919,995; July 25.
- Cores, Obtaining orientated drill. A. G. H. Straatman. 1,897,872; Feb. 14.
- Coring device. R. A. Murdock. 1,907,155; May 2.
- Coring machine. E. J. Bach. 1,923,069; Aug. 22.
- Cork. K. Rettich. Des. 89,211; Feb. 7.
- Cork manufacture. W. G. Bond. 1,904,197; Apr. 18.
- Cork-pulling machine. G. F. Clarin. 1,938,484; Dec. 5.
- Cork remover. L. Eger. 1,921,811; Aug. 8.
- Corkscrew and guard, Combined. K. Rettich. Des. 89,308; Feb. 21.
- Corkscrew radiation. N. E. Lindenblad. 1,898,058; Feb. 21.
- Cork sheets, Method of and apparatus for manufacturing composition. E. Schmid. 1,940,105; Dec. 19.
- Corn and canning the same, Whole grain. O. S. Sells. 1,940,773; Dec. 26.
- Corn cure package. B. Ellis. 1,903,312; Apr. 4.
- Corn cutting machine. W. W. Morral. 1,898,592; Feb. 21.
- Corn cutting machine, Gang. F. W. Douthitt. 1,909,666; May 16.
- Corn cutting machines, Ear holder for. F. W. Douthitt. 1,909,667; May 16.
- Corn debutter. O. S. Sells and H. J. Wheeler. 1,927,957; Sept. 26.
- Corn for canning purposes, Apparatus for treating. I. J. Goode, S. M. Barraclough, and J. Schmidt. 1,936,299; Nov. 21.
- Corn for canning, Treating whole grain. O. S. Sells. 1,940,774; Dec. 26.
- Corn for popping, Preparing. C. H. Smith. 1,938,981; Dec. 12.
- Corn harvesting machine. H. D. Fisk. 1,901,092; Mar. 14.
- Corn harvesting machine. N. R. Krause. 1,922,374-6; Aug. 15.
- Corn heading machine, Kafir. D. H. Martin. 1,911,635; May 30.
- Corn husker. A. Rosenthal. 1,917,996; July 11.
- Corn picker. W. J. Coultas. 1,938,954; Dec. 12.
- Corn picker. R. E. Hitchcock. 1,936,760; Nov. 28.
- Corn picker. A. C. Lindgren and C. R. Raney. 1,906,692; May 2.
- Corn picker, Vacuum. J. E. Bockmann. 1,898,757; Feb. 21.
- Corn picking and husking machine. H. Synck. 1,910,189; May 23.
- Corn planter. J. Salsburg. 1,919,397; July 25.
- Corn popping apparatus. C. Cretors. 1,938,569; Dec. 12.
- Corn product and making same. H. B. Laymon. 1,895,166; Jan. 24.
- Corn removing attachment. A. M. Evenson. 1,900,806; Mar. 7.
- Corn sheller separator. G. E. Eldridge. 1,897,367; Feb. 14.
- Corn silker. H. R. Lewis. 1,904,740; Apr. 18.
- Corn tipper and butter. A. E. Olson. 1,894,493; Jan. 17.
- Corns, Treating and protecting. M. P. Kaufman. 1,913,928; June 13.
- Corner bead, Expanded metal. F. A. Manske. 1,907,990; May 9.
- Corner construction. G. E. Bomberger. 1,921,150; Aug. 8.
- Corner construction. O. E. Grigsby and G. S. Ellithorpe. 1,925,320; Sept. 5.
- Corner fastener. J. M. Richens. 1,920,276; Aug. 1.
- Corner holder. O. Zimmer. 1,895,599; Jan. 31.
- Corner metal slide strip. W. S. Madick. 1,912,533; June 6.
- Corner post. K. G. Downey. Des. 90,909; Oct. 24.

- Corner splicer. H. R. Paulick. 1,940,505; Dec. 19.
- Corners, Apparatus for forming pointed. E. B. Roby. 1,934,209; Nov. 7.
- Corners on sheet metal furniture, Forming fully rounded. R. V. Hedlund. 1,929,742; Oct. 10.
- Cornice curtain pole. C. W. Kirsch. Des. 90,532; Aug. 22.
- Cornice for window curtains. H. W. Gabel. 1,929,140; Oct. 3.
- Correcting mechanism for synchronous apparatus. O. E. Pierson. 1,924,050; Aug. 22.
- Correction for distortion the component pictures produced from different photographic registering devices. C. Aschenbrenner. 1,906,509; May 2.
- Corrections on lithographic printing surfaces, Device for making. R. Fritsche. 1,940,539; Dec. 19.
- Correspondence unit. L. H. Rowland. 1,915,620; June 27.
- Corrosion inhibiting compound. A. A. Oeding. 1,925,672; Sept. 5.
- Corrosion inhibitor. H. L. Cox. 1,903,287; Apr. 4.
- Corrosive retarding compound, Preparing. O. E. Andrus and M. A. Matush. 1,925,088; Sept. 5.
- Corrugated transparent material. F. A. Delano. 1,922,932; Aug. 15.
- Corrugating apparatus. J. Stanitz and G. D. Boyer. 1,919,869; July 25.
- Corrugating machine. B. Rous. 1,892,812; Jan. 3.
- Corset. W. Benjamin. 1,928,477; Sept. 26.
- Corset. M. Borneman. 1,927,357; Sept. 19.
- Corset. J. Field. 1,919,293; July 25.
- Corset. M. Kahn. 1,941,401; Dec. 26.
- Corset. G. L. Nickerson. 1,923,112; Aug. 22.
- Corset and brassiere, Combination. C. H. Schopbach. 1,919,261; July 25.
- Corset for ladies' wear. L. M. Jacks. 1,908,760; May 16.
- Corset-measuring device. B. M. Stradling. 1,935,998; Nov. 21.
- Cortin and preparing same. F. A. Hartman. 1,914,125; June 13.
- Cosmetic container. F. Tourtois. 1,902,199; Mar. 21.
- Costume false-head and child's play-bat, Combined. H. Iskin. 1,894,690; Jan. 17.
- Costumer. R. H. Nebel. Des. 91,078; Nov. 21.
- Cot and reclining chair, Combination. C. W. Cuthell. 1,937,056; Nov. 28.
- Cottage, Tourist camp. C. J. Greene. Des. 90,484; Aug. 15.
- Cottage, Tourist camp. C. J. Greene. Des. 90,486; Aug. 15.
- Cotter pin. W. S. Lyle. 1,913,555; June 13.
- Cotter pin lock. F. E. Strickland. 1,918,148; July 11.
- Cotter pin spreader. G. T. Cooke. 1,911,990; May 30.
- Cotton and sorghum head gathering device. E. G. Stone. 1,897,447; Feb. 14.
- Cotton cleaner. B. R. Benjamin. 1,936,748; Nov. 28.
- Cotton cleaner and feeder. S. D. Murray. 1,918,774; July 18.
- Cotton cleaner and separator, Revolving screen. J. J. Wallace. 1,930,890; Oct. 17.
- Cotton cleaning apparatus. J. E. Mitchell. 1,917,896; July 11.
- Cotton cleaning device for cotton gins. J. J. Lesikar. 1,894,182; Jan. 10.
- Cotton cleaning equipment. J. E. Mitchell. 1,906,076; Apr. 25.
- Cotton condenser. H. E. Dunseth. 1,913,479; June 13.
- Cotton, Dispensing. M. H. Smith. 1,922,826; Aug. 15.
- Cotton distributing mechanism for ginning machines. F. D. Roan. 1,909,722; May 16.
- Cotton, Drying, cleaning and conditioning. T. H. Harris. 1,909,950; May 23.
- Cotton, Drying, cleaning and conditioning. T. H. Harris. 1,909,951; May 23.
- Cotton extracting and cleaning machine. J. E. Mitchell. 1,914,893; June 20.
- Cotton feeding mechanism. J. E. Mitchell. 1,925,813; Sept. 5.
- Cotton fiber sorting apparatus. R. W. Webb. 1,932,095; Oct. 24.
- Cotton gathering machine. J. D. Rust. 1,910,307; May 23.
- Cotton gin. B. McL. Middleton. 1,923,838; Aug. 22.
- Cotton harvesting machine. H. G. Prouty and J. Bardwell. 1,907,665; May 9.
- Cotton harvesting machine. L. E. Wirth. 1,901,686; Mar. 14.
- Cotton in a harvesting machine, Conveying and cleaning. G. R. Meyercord and W. Waterman. 1,920,418; Aug. 1.
- Cotton lint and extraneous matter, Separating. W. J. Allan. 1,927,317; Sept. 26.
- Cotton, Method of and apparatus for picking. C. W. Howe. 1,908,294; May 9.
- Cotton, Modified. C. F. Goldthwait. 1,901,095; Mar. 14.
- Cotton opener or picker. J. Moss. 1,941,104; Dec. 26.
- Cotton opening machine. J. Pashley. 1,914,615; June 20.
- Cotton picker. H. N. Berry. 1,896,694; Feb. 7.
- Cotton picker. J. T. Ferguson. 1,895,031; Jan. 24.
- Cotton picker. S. Green. 1,895,160; Jan. 24.
- Cotton picker. J. B. Neil. 1,930,767; Oct. 17.
- Cotton picker. W. R. Willett and H. E. Brown. 1,931,519; Oct. 24.
- Cotton picker, Pneumatic. E. E. Tallaferro. 1,927,723; Sept. 19.
- Cotton picking and cleaning machine. G. J. Ziegler. 1,941,124; Dec. 26.
- Cotton picking machine. J. D. and M. D. Rust. 1,894,198; Jan. 10.
- Cotton picking mechanism. E. A. Johnston. 1,926,337; Sept. 12.
- Cottonseed hulls, Method and apparatus for defibrating. G. L. Blanchard. 1,900,154; Mar. 7.
- Cotton seeds and other grain, Process and apparatus for treating. J. R. Richardson. 1,920,107; July 25.
- Cotton, silk or artificial silk made therefrom, Treatment of. E. C. Rossiter and W. C. Davis. 1,926,063; Sept. 12.
- Cotton spinning. E. Koch. 1,926,288; Sept. 12.
- Cotton tramper feed mechanism. F. E. Deems. 1,931,488; Oct. 24.
- Cotton treating machine. J. E. Mitchell. 1,918,610; July 18.
- Cotton treatment method and apparatus. S. Green. 1,930,952; Oct. 17.
- Cotton working method and machine. R. S. Curley. 1,908,224; May 9.
- Couch bed. E. F. Zuelke. 1,928,405; Sept. 26.
- Couch, Folding. A. Cronenberg. 1,895,541; Jan. 31.
- Couch, Sanitary. G. Rappich. 1,921,134; Aug. 8.
- Couch, Two part. L. B. Wilson. 1,900,474; Mar. 7.
- Coumarin, Manufacture of. E. C. Britton and W. A. Reed. 1,920,494; Aug. 1.
- Coumarone, Polymerization of. G. K. Anderson. 1,922,342; Aug. 15.
- Count checking device for packaged coins. F. E. Finch. 1,903,621; Apr. 11.
- Counter. J. W. Carlson. 1,929,622; Oct. 10.
- Counter. C. L. Hobart and P. E. Tarlton. 1,934,925; Nov. 14.
- Counter apparatus, Display. R. L. Mapson. 1,911,377; May 30.
- Counterbalance for crank shafts. W. C. Trout. 1,914,387; June 20.
- Counterbalance for drive shafts. O. Bieler. 1,893,928; Jan. 10.
- Counterbalance for flywheels. M. T. Archer and R. F. Hill. 1,931,747; Oct. 24.
- Counterbalanced structures, Method and apparatus for controlling the movement of. L. H. Underwood. 1,928,710; Oct. 3.
- Counterbalancing mechanism. R. R. Bloss and R. C. Pfeil. 1,928,245; Sept. 26.
- Counter construction. P. H. Meyer. 1,896,524; Feb. 7.
- Counter-current cooler. A. W. Baumann. 1,922,149; Aug. 15.
- Counter, Depth. J. F. Ohmer, jr. 1,915,798; June 27.
- Counter, Display. E. M. Strass. 1,907,680; May 9.
- Counter-electro-motive-force-cell. W. E. Kershaw and J. L. Woodbridge. 1,902,081; Mar. 21.
- Counterflow recuperative furnace. F. T. Cope and W. S. Bowling. 1,938,581; Dec. 12.
- Counter for cup machines. R. Bares and A. C. Wood. 1,923,061; Aug. 22.
- Counter for sorting machines, Printing. E. A. Ford. 1,926,896; Sept. 12.
- Counter, Game. L. E. Baltzley. 1,935,308; Nov. 14.
- Counter, Golf score. L. Levin. 1,940,134; Dec. 19.
- Counter-pressure member for sheet feeding and like machines. C. E. Hunter. 1,897,054; Feb. 14.
- Counter. Refrigerated display. A. H. Bromann. 1,912,688; June 6.
- Counter, Refrigerated display. F. R. Sundling and C. and H. Fredberg. 1,940,515; Dec. 19.
- Counter, Refrigerator display. R. H. Starr. 1,938,985; Dec. 12.
- Counter, Stepwise advancing. M. B. Richter. 1,940,230; Dec. 19.
- Counter stiffener. M. L. Dodge. 1,903,031; Mar. 28.
- Counter stiffener and forming it. H. A. Jordan. 1,903,050; Mar. 28.
- Counter stiffener for shoes, Flat backed. J. H. Stewart. 1,935,102; Nov. 14.
- Counter, Twist. W. Smith. 1,928,271; Sept. 26.
- Counter, Vegetable spray. H. H. Long. 1,924,505; Aug. 29.
- Counterweight. C. E. Summers and W. H. Manning. 1,916,085; June 27.
- Counting and bunching device. W. E. Sharkey. 1,901,062; Mar. 14.
- Counting machine. K. A. Lehmann and M. Zakowski. 1,924,794; Aug. 29.
- Counting mechanism. J. W. Sager. 1,924,571; Aug. 29.
- Counting-relay switch. F. Appellus. 1,923,060; Aug. 22.
- Couple suitable for use as a rectifier, etc., Polarized conductive. P. E. Edelman. 1,918,526; July 18.
- Coupler. W. T. Barnhille. 1,932,436; Oct. 31.
- Coupler. F. H. Kayler. 1,905,641; Apr. 25.
- Coupler. W. F. Richards. 1,897,278-9; Feb. 14.
- Coupler. W. F. Richards. 1,919,305; July 25.
- Coupler, Automatic. J. F. Thomas and F. G. Ricker. 1,938,407; Dec. 5.
- Compler connection, Pivotal. S. B. Haseltine. 1,930,679; Oct. 17.
- Coupler connection, Swivel. J. F. O'Connor. 1,918,862; July 18.
- Coupler for glass supporting tables. L. L. Handy. 1,901,511; Mar. 14.
- Coupler for toy railway cars. J. M. Sharp. 1,900,204; Mar. 7.

- Coupler, Ground wire. S. N. Buchanan. 1,900,329; Mar. 7.
- Coupler, Hose. F. N. Bard. 1,899,842; Feb. 28.
- Coupler mechanism. E. P. Kinne. 1,923,674-5; Aug. 22.
- Coupler on pilot beams. G. F. Couch. 1,921,382; Aug. 8.
- Coupler operating device. A. E. Small. 1,926,118; Sept. 12.
- Coupler operating device. A. E. Small. 1,939,929; Dec. 19.
- Coupler operating mechanism. W. J. Regan and A. J. Lenherr. 1,919,668; July 25.
- Coupler operating valve. T. H. Thomas. 1,927,964; Sept. 26.
- Coupler, Pipe. L. H. Church. 1,919,319; July 25.
- Coupler, Pivotal. S. B. Haseltine. 1,919,720; July 25.
- Coupler, Railway car. R. Lorenz and H. Egen. 1,920,410; Aug. 1.
- Coupler spreader. A. E. Small. 1,938,611; Dec. 12.
- Coupler, Transitional. E. P. Kinne. 1,927,268; Sept. 19.
- Coupler yoke. H. L. Spence. 1,921,011; Aug. 8.
- Coupling: See—
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| Automatic coupling. | Pressed-on hose coupling. |
| Bag coupling. | Propeller and shaft coupling. |
| Brake coupling. | Quick acting coupling. |
| Capacitive coupling. | Quick detachable coupling. |
| Car coupling. | Release coupling. |
| Claw coupling. | Rod coupling. |
| Clutch coupling. | Roller coupling. |
| Compression coupling. | Sanitary pipe coupling. |
| Conduit coupling. | Sealed coupling. |
| Culvert coupling. | Shaft coupling. |
| Dental coupling. | Steel hose coupling. |
| Drill string coupling. | Store front coupling. |
| Elastic shaft coupling. | Swivel-coupling. |
| Flange coupling. | Tool coupling. |
| Flexible coupling. | Toy train draft coupling. |
| Flue coupling. | Tractor-trailer coupling. |
| Free-wheel coupling. | Trailer coupling. |
| Hose and pipe coupling. | Train coupling. |
| Hose coupling. | Train pipe coupling. |
| Hydraulic coupling. | Tube coupling. |
| Lubricator coupling. | Universal coupling. |
| Middle ring coupling. | Valved coupling. |
| Nonreusable coupling. | Variable coupling. |
| Pipe coupling. | Yielding coupling. |
| Pipe or hose coupling. | |
- Coupling. F. S. Barks. 1,900,902; Mar. 14.
- Coupling. R. W. Crossen, jr. 1,925,091; Sept. 5.
- Coupling. H. B. Duckworth. 1,939,207; Dec. 12.
- Coupling. F. Ellingsen. 1,902,697; Mar. 21.
- Coupling. R. L. Fairbank. 1,919,780; July 25.
- Coupling. M. Hofmann. 1,919,654; July 25.
- Coupling. F. J. Horbach. 1,909,058; May 16.
- Coupling. T. F. Krumm. 1,926,487; Sept. 12.
- Coupling. E. Pfäuger. 1,917,775; July 11.
- Coupling. H. S. Pierce. 1,913,288; June 6.
- Coupling. T. M. Ragan. 1,916,284; July 4.
- Coupling. W. S. Reed. 1,920,524; Aug. 1.
- Coupling. Le R. Rhodes. 1,904,387; Apr. 18.
- Coupling. L. Ricefield. 1,933,072; Oct. 31.
- Coupling. G. S. Rogers. 1,929,854; Oct. 10.
- Coupling. W. H. Rudolph. 1,937,982; Dec. 5.
- Coupling. R. W. Swank. 1,900,208; Mar. 7.
- Coupling. F. A. Talbot. 1,902,919; Mar. 28.
- Coupling. F. A. Thaheld. 1,939,242; Dec. 12.
- Coupling and valve, Combined. H. H. Beun. 1,913,971; June 13.
- Coupling and washer assembly. A. L. Parker. 1,894,700; Jan. 17.
- Coupling arrangement. P. G. Edwards. 1,928,720; Oct. 3.
- Coupling arrangement. C. W. Hansell. 1,898,180; Feb. 21.
- Coupling arrangement for electron tube circuits, Inductive. L. C. F. Horle. 1,917,204; July 4.
- Coupling between objective adjustment and distance gauge in cameras. O. Barnack. 1,931,313; Oct. 17.
- Coupling circuit control. H. A. Wheeler. 1,931,596; Oct. 24.
- Coupling device. G. W. Amor. 1,919,353; July 25.
- Coupling device. S. E. Bates. 1,895,746; Jan. 31.
- Coupling device. L. A. Elmer. 1,922,669; Aug. 15.
- Coupling device. H. C. Forbes. 1,893,618; Jan. 10.
- Coupling device. B. V. K. French and M. Cohen. 1,920,743; Aug. 1.
- Coupling device. P. C. Gordon. 1,901,843; Mar. 14.
- Coupling device. H. E. Lafayette. 1,920,408; Aug. 1.
- Coupling device. R. K. Potter. 1,940,769; Dec. 26.
- Coupling device. E. J. Scott. 1,914,928; June 20.
- Coupling device. G. M. Wright and N. M. Rust. 1,925,512; Sept. 5.
- Coupling device for aligned shafts. J. R. Anger. 1,936,573; Nov. 28.
- Coupling device for high frequency apparatus. C. F. Rudolph. 1,907,391; May 2.
- Coupling device for keyboards. L. Deutsch. 1,902,840; Mar. 28.
- Coupling device for railway and other vehicles. C. N. Goodall. 1,925,319; Sept. 5.
- Coupling device for road forms. H. E. Holford. 1,921,881; Aug. 8.
- Coupling device. Quick. W. M. Singer. 1,899,119; Feb. 28.
- Coupling for detachably connecting the handle and neck of tennis racket shafts and similar members. E. L. Hedstrom. 1,897,515; Feb. 14.
- Coupling for double pipe sections. N. H. Ricker and H. W. Fletcher. 1,909,075; May 16.
- Coupling for drill stems, Antifriction. C. E. Reed. 1,923,323; Aug. 22.
- Coupling for flexible hose. G. K. Bedur. 1,939,872; Dec. 19.
- Coupling for hose. H. W. Goodall. 1,914,368; June 20.
- Coupling for joining pipes, rods, wires, and the like. B. N. R. Lamont. 1,903,926; Apr. 18.
- Coupling for machine elements, Universal. P. Fenaille. 1,921,737; Aug. 8.
- Coupling for magnetos, Snapper. F. Allendorff. 1,925,621; Sept. 5.
- Coupling for railway vehicles, Automatic. L. Kurtosy. 1,896,959; Feb. 7.
- Coupling for railway vehicles, Flexible pipe. F. W. Martin. 1,905,647; Apr. 25.
- Coupling for socket wrenches. E. M. Pfauser. 1,896,645; Feb. 7.
- Coupling for steam and other pressure fluid supply circuits, Rotary. G. H. Davies. 1,900,899; Mar. 14.
- Coupling means. C. K. Huthsing and H. G. Eyre. 1,936,359; Nov. 21.
- Coupling means. H. Roder. 1,936,438; Nov. 21.
- Coupling mechanism for tractors and trailers. H. H. Robinson. 1,926,177; Sept. 12.
- Coupling mechanism for vehicles. G. H. Connors. 1,935,112; Nov. 14.
- Coupling mechanism for vehicles, Automatic. G. H. Connors. 1,926,264; Sept. 12.
- Coupling or clamp for scaffold poles or other bodies. A. C. Marshall. 1,925,699; Sept. 5.
- Coupling or clutch for coaxial shafts. J. Baugnée. 1,900,787; Mar. 7.
- Coupling or connector for pipes for conveying steam, oil, water, grease, or other fluids. G. O. L. Rudolph. 1,928,076; Sept. 26.
- Coupling or gear, Hydraulic. H. Sinclair. 1,938,357; Dec. 5.
- Coupling system. L. A. Hyland. 1,921,526; Aug. 8.
- Coupling system. H. A. Wheeler. 1,907,916; May 9.
- Coupling system, Flexible. A. L. Parker. 1,912,299; May 30.
- Coupling tube for inhalators. F. M. Luchs. 1,940,135; Dec. 19.
- Coupling, Tubular shaft. H. W. Jonkhoff. 1,918,108; July 11.
- Couplings and the like, Manufacture of. L. Mihay. 1,908,162; May 9.
- Couplings, Making spline. J. Edgar. 1,905,278; Apr. 25.
- Couplings, Making spline. O. F. Ewert. 1,905,277; Apr. 25.
- Couplings, Producing. A. J. Weatherhead, jr., and J. D. Baldwin, jr. 1,905,665; Apr. 25.
- Coupon feeding machine. J. L. Ferguson. 1,909,050; May 16.
- Course indicator for reproducing the indication of a gyrocompass. W. Otto. 1,922,976; Aug. 15.
- Course-shift indicator for the double-modulation type radiobeacon. H. Diamond and F. W. Dunmore. 1,923,920; Aug. 22.
- Cove and bracket, Metal. W. L. Brainard and W. A. Snyder. 1,931,889; Oct. 24.
- Cover: See—
- | | |
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| Abrasive cover. | Metal spring cover. |
| Automobile cover. | Meter box cover. |
| Basket cover. | Meter cover. |
| Book cover. | Molded table cover. |
| Box cover. | Nonbreakable cover. |
| Brake drum cover. | Orchard heater cover. |
| Carton cover. | Pipe-trap cover. |
| Chimney flue cover. | Radiator cover. |
| Cockpit cover. | Receptacle cover. |
| Egg case cover. | Safety bottle cover. |
| Flush tank cover. | Sanitary cover. |
| Garment cover. | Seat cover. |
| Garment hanger cover. | Slot cover. |
| Grave cover. | Spring cover. |
| Hatch cover. | Spring hanger cover. |
| Jar cover. | Switch cover. |
| Leaf spring cover. | Tank cover. |
| Locking cover. | Tire cover. |
| Manhole cover. | Tub cover. |
| Metal spring cover. | Unitary spring cover. |
- Cover. E. R. Swanson and L. L. Markel. 1,933,569; Nov. 7.
- Cover and container, Novelty display. A. A. Webb. 1,934,218; Nov. 7.
- Cover and controls, Gas stove combined manifold. W. Jenkins. 88,914; Jan. 3.
- Cover and cutter for paper rolls, Combined. D. C. Hurlbut. 1,915,736; June 27.
- Cover and frame, Manhole. C. J. Hartley. 1,925,635; Sept. 5.
- Cover and marker, Medicine glass. E. Johnson. 1,920,396; Aug. 1.
- Cover and mounting structure, Receptacle. H. G. Bergstrom and G. B. Martin. 1,923,063; Aug. 22.
- Cover and protector, Table. L. M. Plansoen. 1,913,287; June 6.
- Cover assembly, Spare wheel and tire. C. F. Lambert. 1,900,822; Mar. 7.
- Cover, envelope, or container for balls or cops of twine or the like. F. S. Wright. 1,915,843; June 27.

- Cover fastener, Basket. W. W. Hargroves. 1,900,810; Mar. 7.
- Cover for automobile rumble seat. J. J. Quinn. 1,919,744; July 25.
- Cover for barrels or the like. L. W. Evans. 1,927,657; Sept. 19.
- Cover for bedpans and similar articles, Protective. E. C. Case and H. C. Henderson. 1,918,083; July 11.
- Cover for books, binders, or similar articles. C. D. Trussell. 1,923,646; Aug. 22.
- Cover for boxes, cartons, or the like. J. D. Cady. Des. 90,868; Oct. 17.
- Cover for brooms, Cleaning. H. O. Simon. 1,929,082; Oct. 3.
- Cover for containers. L. B. Koch and A. Bodor. 1,924,863; Aug. 29.
- Cover for fuel tank openings. F. R. McIntyre. 1,898,378; Feb. 21.
- Cover for furniture and other like articles, Removable fabric. M. E. Bendelari. 1,926,429; Sept. 12.
- Cover for hatches. J. W. and W. Isherwood. 1,904,736; Apr. 18.
- Cover for hot-water bags and the like. J. E. Mensl. 1,927,751; Sept. 19.
- Cover for leaf springs. G. W. Crabtree. 1,917,753; July 11.
- Cover for oil cracking stills, Bottom manway. A. T. Dudley. 1,916,158; June 27.
- Cover for oil storage tanks. R. S. Twogood. 1,902,108; Mar. 21.
- Cover for paper making machines, Suction box. E. R. Granger. 1,910,330; May 23.
- Cover for permanently bound books. E. C. and E. C. Hazel, jr. 1,905,093; Apr. 25.
- Cover for spare tires. G. A. Lyon. 1,924,084; Aug. 22.
- Cover for spare tires of automobiles. G. A. Lyon. 1,924,085; Aug. 22.
- Cover for straw hats, Protective. R. B. Hock. 1,928,019; Sept. 26.
- Cover for switch boxes, Temporary. W. Goetzelman. 1,935,565; Nov. 14.
- Cover for the openings of cooking stove hot plates. O. Herzmann. 1,922,243; Aug. 15.
- Cover for use in testing vehicle wheels for misalignment. G. H. Taber. 1,901,786; Mar. 14.
- Cover for vehicle springs and making the same, One-piece metal. R. A. Skinner. 1,927,188; Sept. 19.
- Cover for X-ray tubes, Protective. A. Ungelenk and W. Hofmann. 1,902,474; Mar. 21.
- Cover gripping device. M. E. Zimmermann. 1,900,478; Mar. 7.
- Cover locking device for centrifugal machines. L. J. Barrett and N. F. Holter. 1,930,706; Oct. 17.
- Cover loosening mechanism. H. D. Lathrop. 1,922,772; Aug. 15.
- Cover, Making a spring. F. W. Andrew. 1,902,606; Mar. 21.
- Cover material for tires and the like. D. G. Higgins. 1,934,711; Nov. 14.
- Cover of a refrigerator cabinet or similar article. D. R. Dohner. Des. 89,389; Mar. 7.
- Cover operator and holder for garbage cans and the like. H. L. Scruton. 1,921,208; Aug. 8.
- Cover or similar article, Tire. G. A. Lyon. Des. 90,904; Oct. 17.
- Cover or similar article, Tire. G. A. Lyon. Des. 90,920-1; Oct. 24.
- Cover securing means. J. A. Jensen. 1,935,226; Nov. 14.
- Cover supplying mechanism for multiple can-closing machines. A. L. Kronquest and M. M. Sedwick. 1,921,977; Aug. 8.
- Cover supporting means for washing machines and the like. W. K. Voss. 1,926,219; Sept. 12.
- Covered container. J. Hirschman. 1,893,743; Jan. 10.
- Covered container. D. Stern. 1,930,324; Oct. 10.
- Covered joint hinge. J. Soss. 1,901,994; Mar. 21.
- Covering and making the same, Knitted foot. E. N. Joha. 1,910,251; May 23.
- Covering and method of making, Hand. C. H. Johanson. 1,909,863; May 16.
- Covering and preparing same, Bale. B. D. Hubbard. 1,922,046; Aug. 15.
- Covering and processing same, Protective. J. C. Ford and E. Olson. 1,932,617; Oct. 31.
- Covering composition and making same. H. M. Van Horn and M. Croce. 1,912,671; June 6.
- Covering device for planters. W. Olson. 1,924,075; Aug. 22.
- Covering, Floor. A. Elmendorf. 1,931,650; Oct. 24.
- Covering for buildings, Outside. J. C. McKeown. 1,941,216; Dec. 26.
- Covering for container openings. E. H. Cook. 1,897,890; Feb. 14.
- Covering for floors, walls, and the like. A. A. Godfrey. 1,925,921; Sept. 5.
- Covering for furnace combustion chambers. G. C. McCormick. 1,911,458; May 30.
- Covering for lunch-room counters and tables, Sanitary. R. L. Williams. 1,914,060; June 13.
- Covering for sanding-drums. N. N. Okun. 1,936,482; Nov. 21.
- Covering for stairs and the like, Front edge. T. Hammer-schmidt. 1,928,488; Sept. 26.
- Covering from a core, Apparatus for removing a. L. S. Deitz, jr. 1,929,916; Oct. 10.
- Covering from a core, Apparatus for removing a. H. F. Gaylord. 1,929,921; Oct. 10.
- Covering from a core, Method of and apparatus for removing a. L. S. Deitz, jr., and R. Schmidt, jr. 1,929,915; Oct. 10.
- Covering, Heat insulating. G. V. Wilson. 1,902,794; Mar. 21.
- Covering, Making flexible hard surfaced. C. F. Humphreys. 1,911,364; May 30.
- Covering material and making the same. D. Finley. 1,911,357; May 30.
- Covering material to tire patches, Applying. R. A. Labine. 1,900,450; Mar. 7.
- Covering means. H. F. George. 1,892,780; Jan. 3.
- Covering, Protective head. R. Giuliano. 1,902,441; Mar. 21.
- Covering structure. D. Finley. 1,899,385; Feb. 28.
- Covering structure. D. Finley. 1,908,414; May 9.
- Covering such as linoleum, Surface. C. F. Humphreys. 1,901,559; Mar. 14.
- Coverings of electric cables and the like with oil or the like, Apparatus for impregnating the. S. Taylor. 1,937,256; Nov. 28.
- Covers, Device for applying abrasive tool. F. Ricks and E. F. Towndrow. 1,917,329; July 11.
- Covers, Device for securing milk can. H. G. Packer. 1,893,102; Jan. 3.
- Covers for automobile tires, Making metal. F. D. Hansen and H. W. Tinker. 1,937,114; Nov. 28.
- Covers, Method and apparatus for making laminated paper board. G. C. Snyder. 1,907,601; May 9.
- Covers to containers, Apparatus for applying. J. E. Stoll. 1,925,117; Sept. 5.
- Covers to containers, Method of and apparatus for securing. H. D. Benson. 1,938,244; Dec. 5.
- Cow tail banger. I. A. Trowbridge. 1,904,635; Apr. 18.
- Cow-tail holder. J. P. Kruse. 1,926,291; Sept. 12.
- Cowl ventilator. S. H. H. Kuenzel. 1,919,733; July 25.
- Cowl ventilator. H. L. McPherson. 1,934,944; Nov. 14.
- Cowling for air cooled engines, Slotted ring. W. S. Diehl. 1,915,298; June 27.
- Crab meat, Process and container for preventing the discoloration of. F. J. Donovan. 1,916,040; June 27.
- Crack filler. R. C. Burket. 1,924,636; Aug. 29.
- Crack sealer for concrete pavements. E. T. Howard. 1,893,082; Jan. 3.
- Cracked products, Apparatus for fractionating. E. W. Luster. 1,915,681; June 27.
- Cracking in homogeneous state. E. B. Peck. 1,933,507; Oct. 31.
- Cracking oil. J. C. Black. Re18,896; July 18.
- Cracking process. S. P. Coleman. 1,933,048; Oct. 31.
- Cracking process. G. Egloff. 1,934,847; Nov. 14.
- Cracking process. W. J. Perellis. 1,939,274; Dec. 12.
- Cracking process. C. H. Watson and J. H. Grahame. 1,897,348; Feb. 14.
- Cracking process. P. Zurcher. 1,895,063; Jan. 24.
- Cradle. C. Chomik. 1,910,089; May 23.
- Cradle, Electrically driven. J. Fleaca. 1,920,687; Aug. 1.
- Cradle for lifeboats. W. Macbado. 1,893,866; Jan. 10.
- Cradle, Landing. L. J. Tetlow. 1,906,922; May 2.
- Cradle, Reciprocating. P. Marchese. 1,909,204; May 16.
- Craft, Motor driven. F. Muschler. Des. 90,953; Oct. 31.
- Cramp. R. McMullan. 1,911,705; May 30.
- Cranberry picker. O. Tervo and W. B. Mathewson. Crane. B. F. Fitch. 1,927,933; Sept. 26.
- Crane. R. S. Moore. 1,940,690; Dec. 26.
- Crane. A. G. A. Schmidt. 1,906,109; Apr. 25.
- Crane, Dual service mail. L. W. Barker. 1,937,398; Nov. 28.
- Crane frame. E. G. Deucher. 1,919,360; July 25.
- Crane hoist control. W. G. Cook. 1,916,415; July 4.
- Crane, Jib. J. F. H. Lange. 1,908,028; May 9.
- Crane of the movable and traveling type, Hopper. F. Boyer. 1,905,434; Apr. 25.
- Crane, Portable. R. T. Bowling. 1,919,823; July 25.
- Crane, Portable. A. J. Laybon. 1,920,989; Aug. 8.
- Crane, Portable. N. O. Nelson and F. W. James. 1,917,053; July 4.
- Crane structure. L. C. Burrill, H. Bocler, and N. M. Hunter. 1,893,157; Jan. 3.
- Crane trolley. H. W. Ball. 1,896,274; Feb. 7.
- Crane turntable and gear housing. L. A. Russell. 1,909,507; May 16.
- Cranes, Attachment for. J. J. Gault. 1,928,966; Oct. 3.
- Cranes, Crowding and racking in mechanism for excavator. S. N. Nickliss. 1,899,901; Feb. 28.
- Crank, Adjustable. G. Croom. 1,931,861; Oct. 24.
- Crank, Adjustable. A. E. Flowers. 1,894,985; Jan. 24.
- Crank case breather cap. H. C. Edwards. 1,915,521; June 27.
- Crank case heater. J. H. Barrett and J. Keenan. 1,897,995; Feb. 21.
- Crank case pit. H. R. Counce. 1,896,610; Feb. 7.
- Crank case pit. F. R. Filter. 1,910,157; May 23.
- Crankcase ventilation. H. G. Kamrath. 1,899,910; Feb. 28.
- Crankcase ventilation. W. H. Moyse. 1,937,031; Nov. 28.
- Crankcase ventilator. C. W. McKinley. 1,906,390; May 2.
- Crank case washer. R. E. Tillman. 1,936,315; Nov. 21.

- Crank cases of internal combustion engines, Ventilating the. C. O. Towler. 1,921,175; Aug. 8.
- Crank, Counterweighted. M. T. Archer. 1,931,472; Oct. 17.
- Crank, Free drop. W. C. Trout and F. Graham. 1,939,152; Dec. 12.
- Crank pin, Cushioned. F. W. Canulette. 1,922,275; Aug. 15.
- Crank shaft. A. Lack. 1,901,175; Mar. 14.
- Crank shaft. H. Perazzoli. 1,917,148; July 4.
- Crank shaft. E. A. Ryder. 1,901,358; Mar. 14.
- Crank shaft. O. L. Snyder. 1,908,071; May 9.
- Crank shaft and bearing, Self-adjusting angular. R. B. Luker. 1,931,231; Oct. 17.
- Crank shaft balancing. E. C. Newcomb. 1,898,459; Feb. 21.
- Crank shaft lapping machine. S. Player and H. S. Indge. 1,913,854; June 13.
- Crankshaft lapping machine. A. J. Strong. 1,893,111; Jan. 3.
- Crank shaft lubrication. J. A. H. Barkeij. 1,923,808; Aug. 22.
- Crank shafts, Grinding. A. P. Steiner. 1,925,911; Sept. 5.
- Crankless engine. T. L. Sherman. 1,897,771; Feb. 14.
- Crankless engine. G. M. Shober. 1,917,274; July 11.
- Crankless mechanism. T. L. Sheman. 1,913,730; June 13.
- Crate. F. V. Birbeck. 1,903,560; Apr. 11.
- Crate. D. Guice. 1,899,864; Feb. 28.
- Crate. J. P. Kubes. 1,894,179; Jan. 10.
- Crate. N. T. MacKenzie. 1,931,461; Oct. 17.
- Crate. A. J. Merritt. 1,903,722; Apr. 11.
- Crate. J. W. Simmons. 1,909,727; May 16.
- Crate. H. E. Wendell. 1,909,441; May 16.
- Crate, Assembled. P. Hingston. 1,895,624; Jan. 31.
- Crate, barrel, and the like, Shipping. C. W. Stuart. 1,932,294; Oct. 24.
- Crate, Bobbin. L. A. Beardsley. 1,941,428; Dec. 26.
- Crate, Bottle. A. L. Foreman. 1,919,428; July 25.
- Crate, Bottle. E. M. Pennock. 1,913,563; June 13.
- Crate, Bottle. H. Wildberg. 1,924,475; Aug. 29.
- Crate, Collapsible. H. J. Bailey. 1,938,509; Dec. 5.
- Crate, Collapsible. W. K. Kinsland. 1,932,273; Oct. 24.
- Crate, Collapsible. F. J. Klinka. 1,920,312; Aug. 1.
- Crate, Collapsible shipping. P. H. Blomberg. 1,905,137; Apr. 25.
- Crate corner construction. E. M. Pennock. 1,930,726; Oct. 17.
- Crate, Egg. W. Shelby. 1,916,642; July 4.
- Crate, Folding. W. R. Wiley. 1,937,452; Nov. 28.
- Crate for can ends. J. Coyle. 1,940,665; Dec. 26.
- Crate for sheet materials. C. R. Birdsey. 1,920,837; Aug. 1.
- Crate for use in retorts. M. S. Canaday. 1,926,799; Sept. 12.
- Crate, Milk bottle. C. A. Snyder. 1,929,041; Oct. 3.
- Crate, Milk bottle. R. Stoddard. 1,907,606; May 9.
- Crate, Milk bottle. H. W. Walker. 1,923,344; Aug. 22.
- Crate or box construction, Partition. S. Rosenberg. 1,919,042; July 18.
- Crate, Refrigerator shipping. J. H. Grande. 1,911,361; May 30.
- Crate, Shipping. J. H. Grande. 1,907,404; May 2.
- Crate, Shipping. D. J. McClary. 1,913,057; June 6.
- Crate, Wire bound. W. W. Hargroves. 1,906,907; May 2.
- Crawler tread mechanism. G. C. Jett. 1,906,610; May 2.
- Crayon and making the same. L. R. Phillips. 1,922,553; Aug. 15.
- Cream can. J. W. Kice. 1,934,356; Nov. 7.
- Cream cooler. I. J. B. Demers. 1,906,450; May 2.
- Cream for butter making, Treatment of. C. H. Parsons. 1,906,713; May 2.
- Cream, Improving. M. E. Parker. 1,941,414; Dec. 26.
- Cream, Manufacture of artificial. A. Bergsvik and R. Hellerud. 1,941,243; Dec. 26.
- Cream remover. W. R. Pool. 1,923,640; Aug. 22.
- Cream remover, Self-starting. W. M. Clark. 1,915,403; June 27.
- Cream remover, Siphon. R. Hawkins. 1,897,194; Feb. 14.
- Cream whipping apparatus. L. Roush. 1,922,749; Aug. 15.
- Creasing machine. F. Thomas. 1,906,499; May 2.
- Creel spool tension device, Warping. A. A. Gobeille. 1,914,014; June 13.
- Creosoting compositions, etc., Production of. S. P. Miller. 1,912,396; June 6.
- Cropes with threads of cellulose acetate artificial silk, Manufacturing. C. Clemenson. 1,904,123; Apr. 18.
- Creping machine. H. A. Sheesley. 1,911,001; May 23.
- Creping process for paper webs and the like. W. W. Rowe. 1,914,869; June 20.
- Cresidine Chlorination of. E. Havas and H. R. Lee. 1,930,753; Oct. 17.
- Cresol ethers alkylated in nucleus, Production of. K. Schöllkopf. 1,927,136; Sept. 19.
- Cresols and preparation thereof, Amyl. W. G. Christiansen and W. A. Lott. 1,922,153; Aug. 15.
- Crest gate. A. Young. 1,938,675; Dec. 12.
- Crib. F. Kusterle. 1,895,885; Jan. 31.
- Crib attachment for beds. F. W. Xiques. 1,926,220; Sept. 12.
- Crib, Baby's folding. P. F. Benson. 1,905,128; Apr. 25.
- Cribbing. J. S. Huntoon. 1,909,539; May 16.
- Cribbing. G. W. Powers. 1,913,129; June 6.
- Crimping machine. W. C. Baxter. 1,930,464; Oct. 17.
- Crops, Tapered center for riding. H. P. Nelson. 1,893,099; Jan. 3.
- Croquet, Apparatus for playing. J. E. Ziebarth. 1,936,220; Nov. 21.
- Cross arm clamp. G. W. Hamilton. 1,898,725; Feb. 21.
- Cross, Ornamental. R. F. Brennan. Des. 90,645; Sept. 12.
- Crossbar or strap for electric fixtures, Adjustable. J. Mangin. 1,906,197; Apr. 25.
- Cross bearer. W. E. Wine. 1,912,052; May 30.
- Cross drum boiler. P. R. Cassidy. 1,940,786; Dec. 26.
- Cross folding machine. G. Spiess. 1,898,794; Feb. 21.
- Crosshead. R. W. Clifford. 1,911,807; May 30.
- Cross member for vehicle frames. R. H. Maddock. 1,908,638; May 9.
- Crossover device. S. S. Matthes. 1,895,044; Jan. 24.
- Cross rolling. L. Becker. 1,923,700; Aug. 22.
- Cross sections of fibers, Device for rapidly making. J. I. Hardy. 1,940,590; Dec. 19.
- Cross shaft bracket. T. P. Chase. 1,906,368; May 2.
- Cross T. S. E. Evans. 1,911,819; May 30.
- Crossing gate. C. O. Mericka and W. M. Loser. 1,928,945; Oct. 3.
- Crossing gate. E. H. Taylor, E. F. Seifert, C. O. Mericka, W. M. Loser, H. R. Behnke, and H. Somervell. 1,911,405; May 30.
- Crossing gate, Automatic. J. R. Byrne and D. J. MacIntosh. 1,894,940; Jan. 24.
- Crossing gate, Automatic. W. C. McWhirter. 1,893,824; Jan. 10.
- Crossing gate, Automatic railway. C. T. Day. 1,899,496; Feb. 28.
- Crossing gate, Balanced railroad. G. Varchetta. 1,901,680; Mar. 14.
- Crossing signal. B. D. Newton. 1,935,098; Nov. 14.
- Crotyl cellulose and crotyl cellulose compositions. H. B. Dykstra. 1,920,297; Aug. 1.
- Crown block. F. J. Young and J. D. Spalding. 1,928,958; Oct. 3.
- Crown block assembly. W. Schwemlein. 1,930,626; Oct. 17.
- Crown for ladies' hats. M. Walsh. 1,904,108; Apr. 18.
- Crown, model, and method of applying, Jacket. L. L. Poston. 1,899,718; Feb. 28.
- Crucible furnace. F. South, jr., and O. E. Neuhausen. 1,930,323; Oct. 10.
- Crucifix. D. A. Blanchard. 1,909,249; May 16.
- Crusher. J. R. Bakstad. 1,899,930; Mar. 7.
- Crusher. O. W. Bonnafe. 1,912,030; May 30.
- Crusher, Ear corn. O. Berga and L. A. Rambo. 1,924,019; Aug. 22.
- Crusher and steam separator, Grape. P. Barel. 1,929,671; Oct. 10.
- Crusher for glass and the like. C. B. Kingsley. 1,893,030; Jan. 3.
- Crusher, Gyrotory cone. E. B. Symons. 1,920,488; Aug. 1.
- Crusher head and mantle. A. L. Munro and H. H. Rumpel. 1,914,151; June 13.
- Crusher, Ice. P. C. Klinger. 1,930,056; Oct. 10.
- Crusher roll, Sugar mill. H. B. J. Scharnberg. 1,912,467; June 6.
- Crushing and mixing machine. O. J. Lebrack. 1,894,106; Jan. 10.
- Crushing and pulverizing machine. E. E. Elzemeyer and H. C. Griesedieck. 1,939,256; Dec. 12.
- Crushing machine. E. B. Symons. 1,894,601; Jan. 17.
- Crushing machinery. C. A. Jamison. 1,908,021; May 9.
- Crushing or pulverizing machine. E. E. Elzemeyer and H. Griesedieck. 1,892,697; Jan. 3.
- Crustaceans to prevent colorations therein, Treating. D. W. Howe. 1,927,123; Sept. 19.
- Crutch, Walking. A. and E. M. Finkbeiner. 1,917,440; July 11.
- Cryptographic printing apparatus. F. Schimmel and E. A. Bidault. 1,921,327; Aug. 8.
- Crystal and producing the same. B. Kjellgren. 1,906,758; May 2.
- Crystal holder or setting. P. Ehlert and J. Fassler. 1,922,032; Aug. 15.
- Crystal holder, Piezo-electric. J. W. Conklin. 1,908,320; May 9.
- Crystal in a vacuum vessel, Piezo-electric oscillating. F. Schröter. 1,898,599; Feb. 21.
- Crystal inserter, Fancy. J. Simon. 1,916,024; June 27.
- Crystal massecuites, Apparatus for purging. C. J. Copland and W. B. Newkirk. 1,928,881; Oct. 3.
- Crystal, Oscillating. E. D. Tillyer. 1,907,613; May 9.
- Crystal, Oscillating. E. D. Tillyer. 1,925,577; Sept. 5.
- Crystal oscillator and resonator. E. D. Tillyer. 1,924,297; Aug. 29.
- Crystal, Piezo-electric. O. M. Hovgaard. 1,896,513; Feb. 7.
- Crystal, Piezo-electric. W. A. Morrison. 1,907,426; May 9.
- Crystalline antirachitically active product and preparing the same. O. Linsert. 1,902,785; Mar. 21.
- Crystalline materials, Manufacture of. H. O. Dering. 1,922,383; Aug. 15.
- Crystallization apparatus. W. E. Burke. 1,906,534; May 2.
- Crystallized product from digitals, Manufacture of a new. W. Kreis. 1,923,490; Aug. 22.
- Crystals, Forming. A. Horvath. 1,896,775; Feb. 7.
- Crystals, Producing piezo-electric. B. Kjellgren. 1,906,757; May 2.

- Cube sugar dispenser. J. G. Myers and J. D. Arrowsmith. 1,929,788; Oct. 10.
- Cuff, Inner. L. F. Robert. 1,934,770; Nov. 14.
- Cuff link. H. Hyman. 1,924,791; Aug. 29.
- Culinary accessory. E. S. Devlin. 1,928,851; Oct. 3.
- Culinary article. J. K. Matter. 1,925,700; Sept. 5.
- Culinary equipment. N. V. Hybinette. 1,940,172; Dec. 19.
- Culinary machine. W. E. Harvie. 1,924,991; Aug. 29.
- Culinary package. I. Blum. 1,912,963; June 6.
- Cultivating implement. F. T. Court and E. McCormick. 1,915,355; June 27.
- Cultivating implement, Hand. C. L. Kaufman. 1,914,745; June 20.
- Cultivating machine. A. Benitez. 1,911,877; May 30.
- Cultivator. T. Brown. 1,895,648; Jan. 31.
- Cultivator. A. Colca. 1,930,850; Oct. 17.
- Cultivator. H. Ferguson. 1,900,440; Mar. 7.
- Cultivator. B. B. Forbes. 1,908,836; May 16.
- Cultivator. S. B. Hendricks. 1,933,906; Nov. 7.
- Cultivator. N. E. Nunnery. 1,924,956; Aug. 29.
- Cultivator. W. M. Reynolds. 1,935,889; Nov. 21.
- Cultivator. C. G. Strandlund. 1,905,524; Apr. 25.
- Cultivator. C. G. Strandlund and J. Peterson. 1,928,954; Oct. 3.
- Cultivator. C. H. White and F. T. Court. 1,901,684; Mar. 14.
- Cultivator attachment. R. A. Byrd. 1,911,849; May 30.
- Cultivator attachment for grain drills. A. Klinkhammer and H. Dyrssen. 1,910,109; May 23.
- Cultivator attachment for tractors. C. E. Everett and R. E. Smith. 1,898,353; Feb. 21.
- Cultivator attachment for tractors, Rear. A. C. Lindgren. 1,932,112; Oct. 24.
- Cultivator blade. E. G. Chappelow and F. L. Bryant. 1,908,404; May 9.
- Cultivator, Combined cotton. L. H. Powell. 1,898,852; Feb. 21.
- Cultivator, Hand. E. Nyman. 1,910,042; May 23.
- Cultivator, Hand. G. Wolf. 1,902,389; Mar. 21.
- Cultivator harrow. R. Wells. 1,935,193; Nov. 14.
- Cultivator, Moisture and soil conserving. R. H. Davis. 1,907,251; May 2.
- Cultivator or other agricultural implement. L. J. R. Hasselberg. 1,926,619; Sept. 12.
- Cultivator shovels and the like, Universal footpiece for. H. R. Traphagen. 1,905,016; Apr. 25.
- Cultivator, Tractor. B. R. Benjamin and S. W. Cady. 1,899,932; Mar. 7.
- Cultivator, Tractor. S. W. Cady. 1,899,940; Mar. 7.
- Cultivator tractor. N. S. Smith. 1,901,993; Mar. 21.
- Cultivator, Tractor-driven. F. T. Court. 1,893,069; Jan. 3.
- Cultivator, Traveling. J. S. Craigmyle. 1,921,283; Aug. 8.
- Cultivators. W. Schumann. 1,922,219; Aug. 15.
- Culture germs for the inoculation of nitrogen gathering plants, such as legumes, Propagation of. F. J. Matchette. 1,909,622; May 16.
- Culvert. F. L. Carswell and O. W. Schmidt. 1,928,480; Sept. 26.
- Culvert. J. L. Helsing. 1,929,817; Oct. 10.
- Culvert. R. T. Lane. 1,935,273; Nov. 14.
- Culvert, Arched metallic. A. F. Fischer. 1,926,843; Sept. 12.
- Culvert coupling. J. W. Hall. 1,931,694; Oct. 24.
- Cup. See—
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| Drinking cup. | Pouring cup. |
| Eye cup. | Sanitary cup. |
| Mixing cup. | Shaving cup. |
| Paper cup. | Teat cup. |
| Paper drinking cup. | Turpentine cup. |
| Oil cup. | Vacuum cup. |
- Cup. D. Fisher. Des. 89,391; Mar. 7.
- Cup and applicator, Combined sponge. L. Nassif. Des. 91,119; Nov. 28.
- Cup and blank for making the same, Paper. C. Barbieri. Re18,809; May 2.
- Cup and manufacture of same, Paper drinking. W. E. Swift. 1,939,797; Dec. 19.
- Cup for milking machine, Teat. R. E. Maes. 1,896,321; Feb. 7.
- Cup grinder wheel, Segmental. L. E. Koss. 1,928,314; Sept. 26.
- Cup handling apparatus for chocolates and the like, Paper. C. Blasco. 1,927,151; Sept. 19.
- Cup or similar article. S. Slesinger. Des. 89,362; Feb. 28.
- Cup or similar receptacle. R. C. Fenner. Des. 91,107; Nov. 28.
- Cup or the like, Cattle drinking. C. J. O. Bergstrom. 1,895,066; Jan. 24.
- Cupola. W. P. Brewer and J. T. Jones. 1,925,519; Sept. 5.
- Cupola charger. N. P. E. Andersen. 1,911,738; May 30.
- Cupola charger. G. J. Walker. 1,926,693; Sept. 12.
- Cupola furnace. P. Marx. 1,911,379; May 30.
- Cupric cyanic compound and its manufacture. H. Hagenest and F. W. Stauf. 1,892,728; Jan. 3.
- Cups, Apparatus for drying paper. V. E. Heywood. 1,934,540; Nov. 7.
- Curb sign. R. A. Browne. Des. 90,933; Oct. 24.
- Curbing. J. R. Campbell. 1,927,388; Sept. 19.
- Curbing. W. L. Ross. 1,909,551; May 16.
- Curling iron. F. R. Marcel. 1,893,503; Jan. 10.
- Curling iron. E. S. McCandless. 1,924,939; Aug. 29.
- Current amplifier, Alternating. D. K. Gannett. 1,893,545; Jan. 10.
- Current amplifier and operating same, Direct. F. C. Walz. 1,926,568; Sept. 12.
- Current and potential measuring transformer. K. Bahrmann. 1,930,604; Oct. 17.
- Current, Apparatus for measuring alternating. H. Walter. 1,919,284; July 25.
- Current, Apparatus for producing rectified high voltage electric. H. E. Corbitt. 1,905,629; Apr. 25.
- Current arcs, Feeding alternating. J. Bethenod. 1,938,618; Dec. 12.
- Current carrying devices, Preparing uni-directional. P. H. Geiger. 1,892,832; Jan. 8.
- Current cathode radio tube, Directly heated alternating. W. J. Kimmell and L. Sutherland. 1,911,024; May 23.
- Current-collecting device. W. Schaae. 1,934,510; Nov. 7.
- Current collector. W. Schaae. 1,899,729; Feb. 28.
- Current collector. C. J. Way. 1,893,383; Jan. 3.
- Current collector for toy locomotives. J. L. Bonanno. 1,913,795-6; July 18.
- Current collector support. N. A. Wahlberg. 1,927,907; Sept. 26.
- Current communication, System and method of carrier. M. Morrison. 1,925,106; Sept. 5.
- Current commutating system, Direct. E. Kern. 1,908,364; May 9.
- Current commutating system, Direct. E. Kern. 1,915,790; June 27.
- Current commutator motor, Adjustable speed alternating. J. I. Hull. 1,922,810; Aug. 15.
- Current conducting molding for ornamental lighting. H. W. Lawrence. 1,923,270; Aug. 22.
- Current control. H. A. Wheeler. 1,930,784; Oct. 17.
- Current-controlling apparatus. R. J. Wensley. 1,930,545; Oct. 17.
- Current controlling mechanism, Electrical. C. F. Capell and E. H. Pendleton. 1,903,285; Apr. 4.
- Current converter for radio or other apparatus, Electric. R. J. Keogh. 1,935,568-9; Nov. 14.
- Current converting device. R. D. Fay. 1,906,558; May 2.
- Current, Device for commutating direct. E. Kern. 1,922,247; Aug. 15.
- Current, Device for controlling electric. J. E. Lilienfeld. 1,900,018; Mar. 7.
- Current device, Space. W. J. Kimmell. 1,932,077; Oct. 24.
- Current device, Space. C. G. Smith. 1,929,124; Oct. 3.
- Current device, Vapor space. C. G. Smith. 1,929,122; Oct. 3.
- Current dispensing device, Prepayment. A. Dahlstrom. 1,934,914; Nov. 14.
- Current distribution and switching mechanism therefor, System of alternating. A. H. Sanborn. 1,910,969; May 23.
- Current dynamo electric machine, Alternating. S. H. Mortensen. 1,908,158; May 9.
- Current electric systems, Protection of alternating. K. Fukushima. 1,914,327; June 13.
- Current excitation of synchronous motors, Direct. P. H. A. van Lis. 1,928,401; Sept. 26.
- Current flow interrupter, Electric. G. C. Hoisington and O. E. Brubaker. 1,915,530; June 27.
- Current from alternating current, Apparatus for obtaining direct. F. S. Dellenbaugh, jr. 1,929,057; Oct. 3.
- Current generating apparatus, Automatic electric. J. H. A. Spaink. 1,903,712; Apr. 11.
- Current generating device. F. W. Schramm. 1,926,181; Sept. 12.
- Current generating means. R. P. Lansing. 1,939,608; Dec. 12.
- Current generator, Alternating. B. D. Bedford. 1,898,932; Feb. 21.
- Current generator, Alternating. C. S. Franklin and D. A. Cutler. 1,898,827; Feb. 21.
- Current generator, Alternating. P. Lettrilliart. 1,903,680; Apr. 11.
- Current generators, Parallel operation of direct. B. D. Mickey and L. D. Jones. 1,911,029; May 23.
- Current generators, Paralleling system for alternating. R. Keller. 1,921,677; Aug. 8.
- Current grounding device, Electric. J. S. Beltz. 1,933,651; Nov. 7.
- Current ignition device, Constant. I. E. McCabe. 1,904,378; Apr. 18.
- Current indicator. B. P. Romain. 1,929,715; Oct. 10.
- Current-interrupter in B battery eliminators, Protecting. W. W. Garstang. 1,921,461; Aug. 8.
- Current-interruption-compensating mechanism for electric clocks and the like. D. S. Ingraham and A. B. Poole. 1,931,291; Oct. 17.
- Current in the lead sheaths of cables, Device for reducing the. L. E. Emaniell. 1,895,982; Jan. 31.
- Current inverting system, Electric. E. Kern. 1,906,319; May 2.
- Current inverting system, Electric. E. Kern. 1,930,976; Oct. 17.
- Current limit acceleration. W. Schaelchlin. 1,934,512; Nov. 7.
- Current limit relay. E. N. Jacobi. 1,928,334; Sept. 26.
- Current limiter. W. H. Pratt. 1,894,119; Jan. 10.
- Current machine and system of control therefor, Alternating. V. Dudick. 1,937,404; Nov. 28.
- Current measuring apparatus, High frequency. W. A. Ford. 1,920,785; Aug. 1.
- Current measuring device. P. F. Jackson. 1,931,763; Oct. 24.

- Current measuring system. K. Niemann. 1,933,118; Oct. 31.
- Current motor. A. T. Hampton. 1,903,545; Apr. 11.
- Current motor, Alternating. D. J. Stewart. 1,916,909; July 4.
- Current motor, Alternating. H. Weichsel. 1,894,804; Jan. 17.
- Current motor, Alternating single or multi phase. H. Krüssmann. 1,934,766; Nov. 14.
- Current motor control system, Direct. F. Lejeune. 1,916,484; July 4.
- Current motor system, Alternating. B. D. Bedford. 1,939,432; Dec. 12.
- Current-network distribution system, Alternating. H. R. Searing. 1,932,088; Oct. 24.
- Current networks which is dependent on resistance, Selective relay for alternating. J. Stoecklin. 1,925,469; Sept. 5.
- Current power translating or control circuits, Alternating. A. S. Fitzgerald. 1,929,060; Oct. 3.
- Current, Producing an electric. W. J. Williams. 1,917,565; July 11.
- Current rectifier, Alternating. E. A. Harty. 1,894,821; Jan. 17.
- Current rectifier, Alternating. W. H. Vidor. 1,893,915; Jan. 10.
- Current rectifier control, Electric. E. Kern. 1,933,859; Nov. 7.
- Current rectifier control system, Electric. J. Jonas. 1,933,856; Nov. 7.
- Current rectifier, Electric. C. Hambuechen. 1,912,636; June 6.
- Current rectifier, Electric. S. Ruben. 1,895,684-6; Jan. 31.
- Current rectifier, Electric. S. Ruben. 1,896,101; Feb. 7.
- Current rectifier, Electric. S. Ruben. 1,908,188; May 9.
- Current rectifier, Electric. S. Widmer. 1,904,396; Apr. 18.
- Current rectifying apparatus. F. Meyer and H. J. Spanner. 1,928,203; Sept. 26.
- Current rectifying device, Electric. E. R. Gill. 1,894,035; Jan. 10.
- Current rectifying element, Alternating. J. G. H. Liebel. 1,901,756; Mar. 14.
- Current rectifying system, Alternating. H. Shoemaker. 1,896,468; Feb. 7.
- Current rectifying system, Electric. A. Gaudenzi. 1,933,849; Nov. 7.
- Current rectifying system, Electric. E. Kobel. 1,914,747; June 20.
- Current regulating system. G. C. Brown. 1,937,869; Dec. 5.
- Current regulating system. C. Stansbury. 1,926,821; Sept. 12.
- Current regulator for alternating current, Constant. L. A. Hyland. 1,929,431; Oct. 10.
- Current relay, Alternating. R. Deuser and A. Thewalt. 1,934,526; Nov. 7.
- Current-responsive indicating and recording instrument. J. Pfaffenberger. 1,941,319; Dec. 26.
- Current self-excited commutator type generator, Alternating. J. I. Hull. 1,934,469; Nov. 7.
- Current signaling system, Alternating. L. E. Ryall. 1,941,229; Dec. 26.
- Current sources. R. Rechnitzer. 1,902,894; Mar. 28.
- Current supply means. F. Schröter. 1,924,418; Aug. 29.
- Current supply, Portable. P. F. Scofield. 1,924,462; Aug. 29.
- Current switching device, Direct. H. I. Turner and E. R. Freeberg. 1,910,508; May 23.
- Current system, Constant. M. Osnos. 1,912,995; June 6.
- Current system, Power line carrier. C. N. Nebel. 1,910,960; May 23.
- Current system, Power line carrier. C. N. Nebel. 1,917,052; July 4.
- Current tap. E. Clemence. 1,927,681; Sept. 19.
- Current tapping device, Electric. R. Eckstein. 1,901,587; Mar. 14.
- Current timing device, Direct. D. R. Price. 1,914,215; June 13.
- Current to ignition circuits, System for supplying independent. L. H. Kittredge. 1,936,330; Nov. 21.
- Current to vacuum tubes, System for supplying. E. G. Gage. 1,937,753; Dec. 5.
- Current transformer. A. O. Austin. 1,914,395; June 20.
- Current transformer. A. O. Austin. 1,925,167; Sept. 5.
- Current transformer. G. Keinath. 1,910,253; May 23.
- Current transformer actuated control mechanism, Constant. I. E. McCabe. 1,909,371; May 16.
- Current transformer, Constant. O. A. Pearson and C. H. Thordarson. 1,895,231; Jan. 24.
- Current unidirectional system and method, High potential. H. D. Garretson. 1,902,227; Mar. 21.
- Current value and totalizing dial, Combined. C. Smith. 1,923,759; Aug. 22.
- Current voltage transformation apparatus, Direct. R. J. Rockwell. Re18,971; Oct. 24.
- Current wave changing device, Electrical. P. D. Flehr. Des. 18,885; June 6.
- Currents, Apparatus for commutating or periodically interrupting electric. J. F. G. P. Hartmann. 1,919,633; July 25.
- Currents, Device for switching electric. E. F. Northrup. 1,928,629; Oct. 3.
- Currents, Device for the transformation of electric. J. Dieux. 1,894,029; Jan. 10.
- Currents, Filtering electric. G. B. Crouse. 1,924,486; Aug. 29.
- Currents in polyphase high voltage networks, Suppressing ground. J. Jonas. 1,932,973; Oct. 31.
- Currents, Secret transmissions of vibrated modulated. J. Dieux. 1,933,100; Oct. 31.
- Currents, System for producing high voltage direct. D. K. Martin. 1,917,453; July 11.
- Curtain. H. Holt. 1,939,499; Dec. 12.
- Curtain. H. Thorne. 1,916,898; July 4.
- Curtain and controlling means therefor. G. A. Weidhaas, F. Clark, and H. V. Harding. 1,900,677; Mar. 7.
- Curtain and drapery fixture. C. E. Rundel. 1,908,449; May 9.
- Curtain and drapery support for windows. F. W. and H. J. Mott. 1,933,994; Nov. 7.
- Curtain and shade bracket, Combination. S. W. Snidow. 1,895,557; Jan. 31.
- Curtain and shade fixture. M. Bell. 1,901,796; Mar. 14.
- Curtain construction. W. S. Hamm. 1,912,579; June 6.
- Curtain display hanger. H. C. Hering. 1,902,402; Mar. 21.
- Curtain drying frame. R. Spano. 1,899,831; Feb. 28.
- Curtain fastener. K. Von Ficht. 1,895,951; Jan. 31.
- Curtain fastener. J. H. Witaschek. 1,913,737; June 13.
- Curtain fixture. C. C. Coen. 1,917,828; July 11.
- Curtain fixture. A. Marcukowski. 1,916,679; July 4.
- Curtain fixture. A. F. Nye. 1,922,389; Aug. 15.
- Curtain, Flexible. W. H. Kendall. 1,908,634; May 9.
- Curtain for presses, Safety. R. A. Shaw. 1,919,868; July 25.
- Curtain heading. E. P. Bixer. 1,904,194; Apr. 18.
- Curtain operating device. E. F. Sibbert. 1,907,597; May 9.
- Curtain operating mechanism. W. J. Stuber. 1,928,548; Sept. 26.
- Curtain or drapery hanger. M. Bernhard. 1,939,617; Dec. 12.
- Curtain or the like. M. Sadinoff. Des. 90,456; Aug. 8.
- Curtain or the like. M. Sadinoff. Des. 90,562; Aug. 29.
- Curtain or the like. M. Sadinoff. Des. 90,995-6; Nov. 7.
- Curtain portière, and drape structure. W. C. Chapman. 1,926,328; Sept. 12.
- Curtain protecting device. G. S. Hammonds. 1,909,949; May 23.
- Curtain rod. M. Kahle. 1,928,179; Sept. 26.
- Curtain rod. W. Kress. 1,914,027; June 13.
- Curtain rod. I. Weinberg. 1,904,588; Apr. 18.
- Curtain rod threader. L. F. Cuthbert. 1,930,996; Oct. 17.
- Curtain, Safety. S. A. McCullough. 1,936,251; Nov. 21.
- Curtain, Self-draped. H. C. Baxter. 1,927,767; Sept. 19.
- Curtain, Shower bath. H. J. Woods. 1,898,233; Feb. 21.
- Curtain stretcher clamp. C. G. Carlson. 1,935,310; Nov. 14.
- Curtain support. J. N. Henry. 1,896,746; Feb. 7.
- Curtain support. J. N. Henry. 1,920,195; Aug. 1.
- Curtain tie-back, Window. E. P. Brewer. Des. 90,525; Aug. 22.
- Curtain, Vehicle. C. R. Yengst. 1,894,527; Jan. 17.
- Cushion. C. L. Hayes. 1,917,970; July 11.
- Cushion. C. C. Meutsch. 1,933,816; Nov. 7.
- Cushion. A. S. Selverstone. 1,934,615; Nov. 7.
- Cushion and its manufacture. A. S. Mitchell. 1,921,691; Aug. 8.
- Cushion assembly of resilient wheels. A. L. Lussier. 1,895,579; Jan. 31.
- Cushion, Bedpan. M. M. Fees. 1,925,630; Sept. 5.
- Cushion, Bed pan. B. I. C. Young. 1,924,204; Aug. 29.
- Cushion cleat wheel. R. T. Osman and E. H. Lichtenberg. 1,921,537; Aug. 8.
- Cushion construction. F. Burch. 1,907,732; May 9.
- Cushion construction. F. Burch. 1,924,022; Aug. 22.
- Cushion, Corner. C. M. Reynolds. 1,935,485; Nov. 14.
- Cushion device, Pneumatic. F. Faudi. 1,924,234; Aug. 29.
- Cushion, Fluid. W. Doble. 1,918,325; July 18.
- Cushion foot. G. D. Schermerhorn. 1,917,601; July 11.
- Cushion for mounting sheets of glass. F. and I. Himmel. 1,897,476; Feb. 14.
- Cushion heel pad, Pneumatic. J. C. Keller. 1,910,609; May 23.
- Cushion, Journal. R. J. O'Brien. 1,904,007; Apr. 18.
- Cushion material. I. F. Taylor. 1,940,924; Dec. 26.
- Cushion, Pneumatic. R. W. Sampson. 1,928,675; Oct. 3.
- Cushion seat and the like. M. Stubnitz. 1,940,637; Dec. 19.
- Cushion seat for vehicles. M. Stubnitz. 1,918,618; July 18.
- Cushion seats and the like, Covering. M. Stubnitz. 1,940,636; Dec. 19.
- Cushion, Side arm. A. W. Shaw. 1,902,730; Mar. 21.
- Cushion slide for furniture. W. F. Herold. 1,914,203; June 13.
- Cushion spring. C. J. Thomas. 1,915,907-8; June 27.
- Cushion, Stair. M. Sachs. 1,921,781; Aug. 8.
- Cushion support. B. Christmas. 1,921,561; Aug. 8.
- Cushion support. I. P. Whitehouse. Re19,017; Dec. 5.
- Cushion support. I. P. Whitehouse. 1,914,348; June 13.
- Cushion, Ventilated. E. P. Harley. 1,911,276; May 30.
- Cushion, Ventilated horse collar. F. M. Heath. 1,893,079; Jan. 3.
- Cushion, Ventilated seat. H. Brown. 1,922,228; Aug. 15.
- Cushion wheel. E. A. Corbin, jr. 1,939,664; Dec. 19.

- Cushioned relief and check valve. F. Henneböble. 1,923,621; Aug. 22.
- Cushioned seat. L. T. Bowers. 1,912,064; May 30.
- Cushioning. D. S. Barrows. 1,939,381; Dec. 12.
- Cushioning and centering device for railway car couplers. G. G. Gilpin. 1,923,433-4; Aug. 22.
- Cushioning device. E. S. Avery. 1,901,945; Mar. 21.
- Cushioning device. G. M. Cross. 1,918,322; July 18.
- Cushioning device. R. J. Look. 1,896,908; Feb. 7.
- Cushioning device. D. E. Sproul. 1,897,738; Feb. 14.
- Cushioning device. D. F. Sproul. 1,894,716-17; Jan. 17.
- Cushioning device. D. F. Sproul. 1,923,894; Aug. 22.
- Cushioning device. D. F. Sproul. 1,924,814; Aug. 29.
- Cushioning device. D. F. Sproul. 1,930,695; Oct. 17.
- Cushioning device. D. F. Sproul. 1,933,034; Oct. 31.
- Cushioning device for slicing machines. A. C. Sensow. 1,902,908; Mar. 28.
- Cushioning means for trolley conveyers. A. W. Lemmon. 1,912,647; June 6.
- Cushioning mechanism. D. S. Barrows. 1,931,480; Oct. 24.
- Cushioning mechanism. D. S. Barrows. 1,932,811; Oct. 31.
- Cushioning mechanism. D. S. Barrows. 1,939,652; Dec. 19.
- Cushioning mechanism for power hammers. J. Urbanek and A. Schneider. 1,893,187; Jan. 3.
- Cushioning pad. C. S. Hamersley. 1,902,361; Mar. 21.
- Cushioning pad. B. I. Neiman. 1,936,520; Nov. 21.
- Cuspidor. Fountain. C. W. Moore. 1,901,319; Mar. 14.
- Cuspidor holder. G. Small. 1,939,146; Dec. 12.
- Cut articles or blanks from plastic strip material. Method and apparatus for producing. J. H. Flink. 1,905,837; Apr. 25.
- Cut-off and transfer mechanism. L. S. Burbank. 1,929,865; Oct. 10.
- Cut-off and warning signal for stokers. Automatic motor. F. J. Schlotman. 1,929,994; Oct. 10.
- Cut-off for can filling machines. C. H. Ayars. 1,914,356; June 20.
- Cut-off for dispensing devices. H. M. Gusdorf. 1,917,366; July 11.
- Cut-off machine. W. H. Mason. 1,924,162; Aug. 29.
- Cut-off machine. Automatic. D. P. Schrier and C. F. Jackson. 1,923,751; Aug. 22.
- Cut-off mechanism. W. A. Brandt. 1,933,785; Nov. 7.
- Cut-off mechanism. K. E. Garling. 1,923,261; Aug. 22.
- Cut-off mechanism. K. Sieg. 1,897,867; Feb. 14.
- Cut-off mechanism for ball machines. C. T. Brennan. 1,897,359; Feb. 14.
- Cut-off mechanism for tube machines. G. B. Miller, jr. 1,917,806; July 11.
- Cut-off switch. H. G. Smith. 1,925,883; Sept. 5.
- Cut-out. J. A. M. van Liempt. 1,934,457; Nov. 7.
- Cut-out. Automatic. W. V. Swint. 1,928,189; Sept. 26.
- Cut-out. Automatic electrical. E. Adams. 1,918,732; July 18.
- Cut-out device for electric lamps. G. Lessmann. 1,934,435; Nov. 7.
- Cut-out device for the starting motors of internal combustion engines. Automatic. E. B. Wilcox. 1,919,817; July 25.
- Cut-out. Electric. A. J. Bowie. 1,940,203; Dec. 19.
- Cut-out. Electric. E. O. Schweitzer. 1,921,006; Aug. 8.
- Cut-out. Electric oil. E. O. Schweitzer. 1,921,005; Aug. 8.
- Cut-out for defrosting devices. Automatic. L. H. Vold. 1,914,055; June 13.
- Cut-out for incandescent lamps and similar articles. R. B. Thomas. 1,930,326; Oct. 10.
- Cut-out. Low water. W. J. McGoldrick. 1,932,382; Oct. 24.
- Cut-out machine. B. W. Freeman. 1,894,486; Jan. 17.
- Cut-out mechanism for electric switches. H. L. Van Valkenburg. 1,896,735; Feb. 7.
- Cutter: See—
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| Angle tooth cutter. | Inserted tooth cutter. |
| Brush cutter. | Lead and slug cutter. |
| Cable armor cutter. | Meat cutter. |
| Cable cutter. | Milling cutter. |
| Calculating cheese cutter. | Paper cutter. |
| Casing cutter. | Pie cutter. |
| Coal cutter. | Pipe cutter. |
| Dough cutter. | Radiator hose cutter. |
| Drill cutter. | Rock bit cutter. |
| Engraving machine cutter. | Rolling drill cutter. |
| Facing and fillet cutter. | Root cutter. |
| Flue cutter. | Rotary cutter. |
| Fodder cutter. | Shingle cutter. |
| Folding pie cutter. | Stalk cutter. |
| Food cutter. | String bean cutter. |
| Garment bottom cutter. | Sweetpotato vine cutter. |
| Gasket cutter. | Tubing cutter. |
| Gear cutter. | Valve cutter. |
| Glass cutter. | Vegetable cutter. |
| Glass tube cutter. | Veneer patch cutter. |
| Grass cutter. | Weed and grass cutter. |
| Hedge cutter. | Window shade cutter. |
| Hoe and weed cutter. | |
- Cutter and creaser. Sheet. C. B. Cottrell, 3d. 1,907,244; May 2.
- Cutter and like tool. Rotary milling. H. S. Walker and R. Miller. 1,935,069; Nov. 14.
- Cutter and lubricator therefor. Roller. F. L. Scott and L. E. Garfield. 1,909,128; May 16.
- Cutter and shuttle therefor. Thread. O. V. Payne. 1,899,634; Feb. 28.
- Cutter bar operating means. J. F. Wilcoxson. 1,921,493; Aug. 8.
- Cutter bit and chuck. T. M. Stephens. 1,920,035; July 25.
- Cutter blades. Method of and apparatus for relieving face mill. T. M. Durkan. 1,906,845; May 2.
- Cutter chain. M. P. Holmes. 1,926,047; Sept. 12.
- Cutter-chain block. N. K. Bowman. 1,903,771; Apr. 18.
- Cutter die. W. O. Thewes. 1,932,563; Oct. 31.
- Cutter drill. Combination scraping and rolling. F. L. Scott. 1,932,487; Oct. 31.
- Cutter drill. Conical. H. W. Fletcher and R. C. Kuldell. 1,918,902; July 18.
- Cutter for buttonhole sewing machines. Buttonhole. J. Kiewicz. 1,896,364; Feb. 7.
- Cutter for concrete pavements. Dummy joint. W. T. McClain. 1,916,887; July 4.
- Cutter for condenser tubes. W. F. Oberhuber. 1,922,630; Aug. 15.
- Cutter for cutting spiral bevel gears. E. L. Fickett. 1,903,988; Apr. 18.
- Cutter for extruding machines. C. H. Desautels. 1,900,434; Mar. 7.
- Cutter for making expanded metal. Rotary. R. M. Chesney. 1,927,783; Sept. 19.
- Cutter for severing bag lengths from paper tubes. C. H. Hartman. 1,916,664; July 4.
- Cutter for textile material. R. C. Orr. 1,927,349; Sept. 19.
- Cutter for well drills. F. L. Scott. 1,896,251; Feb. 7.
- Cutter grinding machine. J. F. Standish. 1,936,920; Nov. 28.
- Cutter guard. L. F. Nenninger. 1,938,778; Dec. 12.
- Cutter head. H. W. Sprague. 1,935,337; Nov. 14.
- Cutter head and bit. H. H. Talboys. 1,907,308; May 2.
- Cutter head for boring machines. T. Thorsen. 1,928,514; Sept. 26.
- Cutter head for well drills. R. P. Simmons. 1,896,109; Feb. 7.
- Cutter head. Sliding barrel rotary-cutter-spindle. G. Gorton. 1,923,820; Aug. 22.
- Cutter head while its cutters are being sharpened. Holding a. C. T. Rottler. 1,899,359; Feb. 28.
- Cutter mechanism for corn harvesters. S. H. Hale. 1,901,099; Mar. 14.
- Cutter mechanism for mowing machines. D. H. Bennett. 1,903,753; Apr. 18.
- Cutter milling machine. Multiple. C. H. Leis. 1,908,262; May 9.
- Cutter package. G. H. Gardner. 1,894,396; Jan. 17.
- Cutter pick unit. M. S. Moore. 1,938,530; Dec. 5.
- Cutter. Shingle. R. E. Hook. 1,918,104; July 11.
- Cutter support for well drills. A. A. MacDonald; 1,896,243; Feb. 7.
- Cutter testing apparatus. S. H. Earl. 1,911,442; May 30.
- Cutters. Grinding. F. G. Aker. 1,931,684; Oct. 24.
- Cutters. Making rotary. E. A. Bessom. 1,903,280; Apr. 4.
- Cutting and creasing machine. F. W. Seybold. 1,938,725; Dec. 12.
- Cutting and creasing press. F. W. Seybold. 1,938,724; Dec. 12.
- Cutting and ornamenting die. A. W. Altwater. 1,901,575; Mar. 14.
- Cutting and slitting device. Combined. H. A. Addison and E. T. Tyren. 1,932,875; Oct. 31.
- Cutting and the like. Device for rotary. J. J. Buckley. 1,916,253; July 4.
- Cutting and wrapping machine. Material. H. R. Phillips and H. J. Clarke. 1,918,824; July 18.
- Cutting apparatus. A. G. Hewitt. 1,927,608; Sept. 19.
- Cutting apparatus. F. Lamatsch. 1,937,519; Dec. 5.
- Cutting apparatus. W. J. Simpson. 1,897,534; Feb. 14.
- Cutting apparatus for cigarette making machines. R. E. Rösler. 1,914,756; June 20.
- Cutting apparatus for mowers. J. C. Slonneger. 1,894,130; Jan. 10.
- Cutting blade lock. Inserted. O. Severson. 1,924,897; Aug. 29.
- Cutting device. C. F. Birgbauer. 1,897,546; Feb. 14.
- Cutting device. T. J. Gundlach. 1,906,582; May 2.
- Cutting device. H. E. Miller. 1,915,435; June 27.
- Cutting device. B. A. Rainwater. 1,940,270; Dec. 19.
- Cutting device. P. B. Shailer and H. P. Treondly. 1,939,283; Dec. 12.
- Cutting device. H. C. Stuhlmann. 1,909,235; May 16.
- Cutting machine. F. Aeschbach. 1,898,160; Feb. 21.
- Cutting machine. B. F. Berry. 1,911,741; May 30.
- Cutting machine. B. F. Berry. 1,932,239; Oct. 24.
- Cutting machine. K. Biagosch. 1,926,932; Sept. 12.
- Cutting machine. F. J. Clark. 1,921,249; Aug. 8.
- Cutting machine. E. Conti. 1,917,187; July 4.
- Cutting machine. M. Fabiano. 1,940,121; Dec. 19.
- Cutting machine. C. B. Gray. 1,903,234; Mar. 28.
- Cutting machine. C. B. Gray. 1,916,419; July 4.
- Cutting machine. H. H. Himoff. 1,940,493; Dec. 19.
- Cutting machine. A. P. Komow. 1,935,155; Nov. 14.
- Cutting machine. J. Pearlman. 1,909,868; May 16.
- Cutting machine. W. G. Schmidt. 1,926,990; Sept. 12.
- Cutting machine. E. C. Teuscher. 1,898,647; Feb. 21.
- Cutting machine for shoes. B. W. Freeman. 1,907,256; May 2.

- Cutting means for graders or like implements. C. H. Kugler. 1,912,583; June 6.
- Cutting mechanism. A. Messer. 1,901,254; Mar. 14.
- Cutting mechanism. N. Singer. 1,934,997; Nov. 14.
- Cutting mechanism for composition constructional material. E. S. Petersen. 1,892,680; Jan. 3.
- Cutting mechanism for sheet material. H. R. Schutz and H. E. Robinson. 1,922,641; Aug. 15.
- Cutting mechanism for thread spools. H. M. Allain. 1,908,005; May 9.
- Cutting-off mechanism in cigarette making and similar machines. W. Cole. 1,928,481; Sept. 26.
- Cutting-off mechanism in cigarette making and similar machines, wherein the rod or the like is moving continuously in a lengthwise direction. W. Cole. 1,897,301; Feb. 14.
- Cutting or welding machine, Automatic. J. L. Anderson. 1,933,300; Oct. 31.
- Cutting press. A. Drucker. 1,907,757; May 9.
- Cutting, sorting, and conveying device. E. W. Tilton. 1,893,460; Jan. 3.
- Cutting table. E. J. Stein. 1,921,489; Aug. 8.
- Cutting table. E. J. Stein. 1,926,704; Sept. 12.
- Cutting tool. F. E. Berry. 1,929,801; Oct. 10.
- Cutting tool. F. E. Blanc. 1,892,863; Jan. 3.
- Cutting tool. W. E. Edwards. 1,919,420; July 25.
- Cutting tool. C. J. Oxford. 1,938,717; Dec. 12.
- Cutting tool. J. E. Schmeltzer. 1,915,763; June 27.
- Cutting tool. A. W. Swanson. 1,912,666; June 6.
- Cutting tool. E. Wildhaber. 1,913,865; June 13.
- Cutting tool, Inside. D. H. Reed. 1,906,416; May 2.
- Cutting torch handle. D. M. Hasbrouck. Des. 90,249; July 4.
- Cuttle-fish-bone holder. H. Schall and M. D. Nelson. 1,918,429; July 18.
- Cyanamid, Preparing. N. Caro, A. R. Frank, and H. H. Franck. 1,922,230; Aug. 15.
- Cyanamides of the alkaline earth metals, Production of. C. Kircher and H. Acker. 1,896,489; Feb. 7.
- Cyanates, Manufacture of. H. Kloepper. 1,915,425; June 27.
- Cyanide and controlling the porosity thereof. V. Migrdichian. 1,921,299; Aug. 8.
- Cyanide compounds from gases, Removing. C. J. Hansen. 1,903,633; May 9.
- Cyanide process. E. J. Franke. 1,905,304; Apr. 25.
- Cyanides of calcium, Production of. C. Schumann, R. Fick, and E. Oberleit. 1,892,970; Jan. 3.
- Cyanogen chloride, Production of. P. Dieterle. 1,938,324; Dec. 5.
- Cyanogen compounds from gases, Removal of. C. J. Hansen. 1,924,206; Aug. 29.
- Cycle and braking mechanism therefor, Freewheel. J. V. Pugh. 1,917,459; July 11.
- Cycle locating mechanism, Full. E. C. Walter. 1,917,476; July 11.
- Cyclic acetals and preparing same. G. H. Hoover. 1,934,309; Nov. 7.
- Cyclic compounds, Hydrogenation of. M. A. Kunz, K. Koerberle and E. Berthold. 1,924,443; Aug. 29.
- Cyclic ketones of the acenaphthene series and preparing them. W. Eckert, H. Sieber, H. Gruene, and G. Langbein. 1,913,798; June 13.
- Cyclic process for the production of sulphite pulp. G. A. Richter. 1,904,170; Apr. 18.
- Cyclohexylamines, Preparing. G. Kranzlein, M. Corell and W. Doble. 1,924,441; Aug. 29.
- Cyclohexylphenyls, Manufacture of. E. C. Britton and R. P. Perkins. 1,917,823; July 11.
- Cyclometer clock case. R. D. Barrett. Des. 90,935; Oct. 31.
- Cylinder. R. Miller. 1,926,684; Sept. 12.
- Cylinder, Air-cooled. E. Becker. 1,901,693; Mar. 14.
- Cylinder, Air cooled engine. R. Chilton. 1,910,591; May 23.
- Cylinder and door means therefor, Washing. B. Lindberg. 1,913,764; June 13.
- Cylinder and pipe cutting machine. D. Gerber. 1,907,954-7; May 9.
- Cylinder and piston mechanism, Construction for rotary type. H. F. Vickers. 1,917,733; July 11.
- Cylinder boring machine. G. E. Andersen. 1,899,128; Feb. 28.
- Cylinder boring tool. A. C. Toske. 1,910,940; May 23.
- Cylinder, Capping glass. E. G. Stable. 1,892,814; Jan. 3.
- Cylinder cock. J. P. Gray. 1,912,447; June 6.
- Cylinder construction. G. R. Rawles and A. Tedder. 1,892,852; Jan. 3.
- Cylinder construction. G. J. Russell. 1,905,510; Apr. 25.
- Cylinder construction for aircraft engines. A. V. D. Willgoos. 1,926,736; Sept. 12.
- Cylinder construction for firearms. J. W. Harrington. 1,904,730; Apr. 18.
- Cylinder construction for reciprocating engines. M. O. Cross. 1,928,411; Sept. 26.
- Cylinder, Folding. H. C. Jordhoy. 1,900,288; Mar. 7.
- Cylinder for chucks, Air. G. R. Dahlgren. 1,934,411; Nov. 7.
- Cylinder for internal combustion chambers, Composite. J. Schubert. 1,898,145; Feb. 21.
- Cylinder for offset-printing machines, Form. F. Wolff. 1,927,728; Sept. 19.
- Cylinder for offset printing machines, Plate. W. Rösager. 1,907,368; May 2.
- Cylinder for washing machines. R. L. Logan. 1,897,615; Feb. 14.
- Cylinder gauge. C. B. Litterio. 1,899,920; Feb. 28.
- Cylinder grinding stand. W. A. Jennings. 1,916,618; July 4.
- Cylinder grinding tool. F. G. Wacker and H. W. Zimmerman. 1,912,025; May 30.
- Cylinder grinding tool. H. W. Zimmerman. 1,925,709; Sept. 5.
- Cylinder, Hammer mill. L. A. McDowell. 1,909,623; May 16.
- Cylinder head. K. Bassler. 1,915,970; June 27.
- Cylinder head construction. E. Grieshaber. 1,925,444; Sept. 5.
- Cylinder head cooling system. E. F. Ruehl. 1,915,104; June 20.
- Cylinder head fastening means. W. L. R. Emmet. 1,902,494; Mar. 21.
- Cylinder head for air cooled motors. G. L. Weathers. 1,906,780; May 2.
- Cylinder head, Multiple ignition. F. A. Bullington. 1,897,233; Feb. 14.
- Cylinder, Hydraulic brake master. M. Ruegg. 1,892,707; Jan. 3.
- Cylinder lock, Pin tumbler. R. L. Neer. 1,932,706; Oct. 31.
- Cylinder, Mechanical. J. A. Olson. 1,939,788; Dec. 19.
- Cylinder, Piston. F. S. Jones. 1,894,043; Jan. 10.
- Cylinder port control. O. H. Spencer. 1,901,198; Mar. 14.
- Cylinder printing machine, Stop-. G. Spiess. 1,907,452; May 9.
- Cylinder, Removable. R. Dymock. 1,940,677; Dec. 26.
- Cylinder ridge reamer. C. A. Olson. 1,927,594; Sept. 19.
- Cylinder, Type carrying. H. A. Swanson. 1,905,528; Apr. 25.
- Cylinder, Washing machine. W. D. Arnot. 1,935,691; Nov. 21.
- Cylinder, Water cooled internal combustion engine. O. Simmen. 1,902,528; Mar. 21.
- Cylinder working tool. E. A. Hall. 1,909,347; May 16.
- Cylinder working tool. E. A. Hall and W. E. Heuer. 1,922,202; Aug. 15.
- Cylinders, Casting en-bloc. C. S. Brown. 1,935,109; Nov. 14.
- Cylinders, Charging compressed gas. R. G. Wulff. 1,906,035; Apr. 25.
- Cylinders, Cleaning gas. G. T. Reich. 1,893,652; Jan. 10.
- Cylinders, Device for grinding and polishing. F. Ketteln. 1,929,639; Oct. 10.
- Cylinders, Engraving printing. N. Bechak. 1,938,313; Dec. 5.
- Cylinders for airplane motors, Forging. C. A. Brauchler. 1,929,802; Oct. 10.
- Cylinders for internal combustion engines. W. Hefti. 1,904,459; Apr. 18.
- Cylinders, Forming. E. H. Hussey. 1,921,824; Aug. 8.
- Cylinders, Manufacture of gas. J. C. Minor. 1,903,630; Apr. 11.
- Cylinders, Method and apparatus for predetermining the size of rebored. E. A. Arp. 1,906,241; May 2.
- Cylinders of steam or gas turbines, Method and apparatus for preheating and maintaining at operating temperature the. E. Brown. 1,896,508; Feb. 7.
- Cystographic medium. A. E. Osterberg. 1,935,661; Nov. 21.
- Cystoscope and the like. L. Buerger. 1,901,731; Mar. 14.
- D-handle. W. H. Bergmann. 1,899,662; Feb. 28.
- D-handle for tools. T. L. Crook. 1,907,287; May 2.
- D-top and making the same. W. H. Bergmann. 1,908,305; May 9.
- Dam. E. H. Burroughs. 1,902,353; Mar. 21.
- Dam. E. H. Burroughs. 1,906,535-6; May 2.
- Dam. E. H. Burroughs and C. V. Davis. 1,933,092; Oct. 31.
- Dam. F. A. Noetzel. 1,898,095; Feb. 21.
- Dam. F. A. Noetzel. 1,907,998; May 9.
- Dam. A. Nordin. 1,941,183; Dec. 26.
- Dam and constructing the same. F. A. Noetzel. 1,907,999; May 9.
- Dam and making same. J. B. Girard. 1,903,760; Apr. 18.
- Dam, Concrete. D. C. Henny. 1,902,168; Mar. 21.
- Dam construction. W. H. Bailey. 1,900,393; Mar. 7.
- Dam, Diversion. C. Weber. 1,902,741; Mar. 21.
- Dam, Rolling. K. Schoen. 1,926,819; Sept. 12.
- Dam structure. P. E. Hunter and L. E. Endsley. 1,928,692; Oct. 3.
- Dams, river levees, etc., Protecting earthen. S. D. Henry. 1,900,341; Mar. 7.
- Damper. L. D. Harnett. 1,915,994; June 27.
- Damper. F. F. Jackson. 1,934,928; Nov. 14.
- Damper. H. Rosenberg. 1,919,863; July 25.
- Damper. J. C. F. Schafer and J. F. Bleser. 1,901,125; Mar. 14.
- Damper, Adjustable. J. D. McKnight. 1,931,263; Oct. 17.
- Damper and shock absorber, Motion. G. Brouhiet. 1,926,260; Sept. 12.
- Damper, Automatic draft control. P. and T. Tarone. 1,928,577; Sept. 26.
- Damper, Automatic fire protection. W. Ewald. 1,919,625; July 25.
- Damper, Automatic stack. J. E. Ludwig. 1,937,970; Dec. 5.
- Damper, Clutch vibration. P. E. Matthews. 1,912,004; May 30.

- Damper construction, Fireplace. J. Koberling. 1,901,753; Mar. 14.
- Damper control. S. E. Montgomery. 1,895,202; Jan. 24.
- Damper, Fireplace. S. Brynolfsson. 1,939,537; Dec. 12.
- Damper for crank shafts, Vibration. E. G. Gunn. 1,925,073; Aug. 29.
- Damper for explosion motors, Vibration. T. J. Little, jr. 1,925,074; Aug. 29.
- Damper for furnaces. T. H. Banfield. 1,938,241; Dec. 5.
- Damper for precision balance, Magnetic. J. Gattoni. 1,900,641; Mar. 7.
- Damper for shafts, Oscillation. O. Foppl. 1,934,597; Nov. 7.
- Damper for the friction type, Vibration. V. A. Trier. 1,909,154; May 16.
- Damper, Load limiting. A. E. Seelig. 1,912,164; May 30.
- Damper motor. C. G. Kronmiller. 1,926,680; Sept. 12.
- Damper regulator, Automatic. G. F. Clamer. 1,926,513; Sept. 12.
- Damper, Stove pipe. J. B. Meyer. 1,937,708; Dec. 5.
- Damper, Torsional vibration. W. E. Hann. 1,913,984; June 13.
- Damper, Torsional vibration. S. R. Thomas. 1,895,825; Jan. 31.
- Damper, Ventilating. M. O. Snediker. 1,926,120; Sept. 12.
- Damper, Vibration. W. T. Edwards. 1,906,925; May 2.
- Damper, Vibration. H. Junkers. 1,939,173; Dec. 12.
- Damper, Vibration. F. F. Kishline. 1,917,650; July 11.
- Damper, Vibration. R. K. Lee. 1,896,962; Feb. 7.
- Damper, Vibration. R. K. Lee. 1,905,475; Apr. 25.
- Damper, Vibration. R. K. Lee. 1,913,935; June 13.
- Damper, Vibration. R. K. Lee. 1,931,027; Oct. 17.
- Damper, Vibration. A. A. Warner. 1,892,793; Jan. 3.
- Damper, Vibration. A. A. Warner. 1,901,853; Mar. 14.
- Damping device for crank-shafts. F. S. Duesenberg. 1,902,787; Mar. 21.
- Damping device for motor vehicles. M. Tibbetts. 1,918,573; July 18.
- Damping device for shutters. A. G. Sutcliffe. 1,917,340; July 11.
- Dandelion digger. B. Sobol. 1,931,773; Oct. 24.
- Dandy. F. S. McDonnell. 1,903,311; Apr. 4.
- Dandy roll. J. J. Plank. 1,915,759; June 27.
- Dandy roll construction. J. A. Spencer. 1,906,284; May 2.
- Dandy roll construction. J. A. Spencer. 1,933,154; Oct. 31.
- Dart. N. E. Samsel. 1,918,718; July 18.
- Dashpot. J. Hopkinson and E. Kaun. 1,909,582; May 16.
- Dashpot. W. Timson. 1,897,873; Feb. 14.
- Dashpot, Air. F. G. L. Boyer. 1,903,435; Apr. 11.
- Dashpot for time switches. C. E. Sundberg. 1,907,131; May 2.
- Dashpot for weighing machines. J. Pehlke. 1,897,765; Feb. 14.
- Dashpot for weighing scales. M. A. Weckerly. 1,911,660; May 30.
- Data computer. H. W. Kruger. 1,930,481; Oct. 17.
- Date pitting machine. A. K. Smith. 1,940,276; Dec. 19.
- Date scheduling appliance, Visible. A. Herz. 1,931,224; Oct. 17.
- Datum. Apparatus for establishing an artificial. V. Bush. 1,912,358; June 6.
- Davenport. F. O. Lane. Des. 90,917; Oct. 24.
- Davit, Folding. J. L. Hyland. 1,896,845; Feb. 7.
- Dead-end attachment. A. Warner. 1,897,221; Feb. 14.
- Dead weight gauge. G. E. Nicholson. 1,917,145; July 4.
- Deadening composition. G. B. Dunford. 1,914,912; June 20.
- Deal and hand indicator. J. A. Minshall and P. S. Wilder. 1,911,160; May 23.
- Debarking machine. A. M. Kirkwood. 1,905,387; Apr. 25.
- Decalcomania adhesive. R. H. Price. 1,909,719; May 16.
- Decalcomania, Nonreusable. G. R. Meyercoord. 1,898,993; Feb. 21.
- Decalcomania transfer. F. A. Edgill. 1,900,048; Mar. 7.
- Decalcomania transfer. J. B. Lawrence. 1,906,909; May 2.
- Decarbonizer. J. Zubaty and L. B. Smith. 1,916,506; July 4.
- Decarbonizing apparatus. G. F. Thomas. 1,903,016; Mar. 28.
- Decay due to mold growth on fruits and vegetables after harvesting. Retarding the development of. H. F. Rippey. 1,935,599; Nov. 14.
- Decelerometer. W. B. McGorum. 1,921,833; Aug. 8.
- Decimal point finder. G. H. Morse. 1,911,581; May 30.
- Decimal tabulator. O. A. Hokanson and J. F. Koca. 1,929,976; Oct. 10.
- Deck, Floating. A. M. Griffin. 1,903,291; Apr. 4.
- Deck for oil tanks, Floating. J. E. Smith. 1,913,643; June 13.
- Deck of playing cards. W. L. Bruning. Des. 89,034; Jan. 17.
- Deck support, Automatic. L. W. Winkelmann. 1,898,280; Feb. 21.
- Decking device for vehicles. A. Copony. 1,934,841; Nov. 14.
- Declinometer for drill stems. N. H. Ricker. 1,932,479; Oct. 31.
- Decolorizing process. M. J. Reid. 1,930,133; Oct. 10.
- Decolorizing, purifying, and adsorbing agent, and making the same. J. W. Turrentine. 1,932,832; Oct. 31.
- Decomposition and separation apparatus. A. Sommer-meyer. 1,904,556; Apr. 18.
- Decoration to glass and the resulting product, Applying. E. D. Reinhold. 1,898,745; Feb. 21.
- Decorations, Mounting. T. S. Reese. 1,924,961; Aug. 29.
- Decorative article. T. F. Leabey. 1,927,985; Sept. 26.
- Decorative article. L. H. McClintock. 1,929,366; Oct. 3.
- Decorative compositions, Applying. R. Verderosa. 1,934,156; Nov. 7.
- Decorative device. L. Propp. 1,905,500; Apr. 25.
- Decorative device. A. M. Squicciarini. 1,912,315; May 30.
- Decorative illuminating unit. H. M. R. Dam. Des. 90,526; Aug. 22.
- Decorative material. D. J. Kelman. 1,904,471; Apr. 18.
- Decorative table device. H. C. Reget. 1,918,866; July 18.
- Decoy. C. F. Kilgore. 1,923,442; Aug. 22.
- Decoy, Bouyant. E. R. Davis. 1,933,844; Nov. 7.
- Decusting apparatus. H. E. Brelsford. 1,922,075; Aug. 15.
- Deenameling. J. Janota, jr. 1,923,828; Aug. 22.
- Deep well drill. R. Giesey. 1,903,232; Mar. 28.
- Deep well oil pump. W. N. Squires. 1,937,725; Dec. 5.
- Deflating machine. J. Wahl. 1,902,923; Mar. 28.
- Deflector. J. A. McCrary. 1,922,314; Aug. 15.
- Deflector for cotton gins. B. Purcell. 1,906,811; May 2.
- Deflector for gas stoves, Forced draft. J. A. McCarthy. 1,902,411; Mar. 21.
- Deflector mechanism. L. C. Allen. 1,909,481; May 16.
- Deflector plate for air filters. H. H. Garner. 1,897,370; Feb. 14.
- Deflector trough for switch heaters. W. P. Scholz. 1,937,130; Nov. 28.
- Defroster. W. A. Doble, jr. 1,913,433; June 13.
- Defroster. M. E. Henning. 1,904,658; Apr. 18.
- Defroster. L. H. Middleton. 1,917,141; July 4.
- Defrosting apparatus. P. Haymond. 1,912,841; June 6.
- Defrosting attachment for mechanical refrigerators. F. O. Rick. 1,899,724; Feb. 28.
- Defrosting attachment for transparent bodies. F. Schan-ley. 1,940,062; Dec. 19.
- Defrosting mechanism, Timed. R. S. Rosenfeld. 1,926,652; Sept. 12.
- Defrosting of mechanical refrigerators. L. E. Bauer. 1,933,580; Nov. 7.
- Defrosting semi-automatically individual refrigerators and refrigerators in multiple installations. T. K. Marbury. 1,935,038; Nov. 14.
- Degreasing system. A. L. Koch. 1,938,841; Dec. 12.
- Dehumidifier. G. E. Poggel. 1,920,914-15; Aug. 1.
- Dehydrated products, Process and apparatus for produc-ing. J. A. Burner. 1,905,263; Apr. 25.
- Dehydrating apparatus. B. G. Freund and C. W. Thomas. 1,927,396; Sept. 19.
- Dehydrating process and apparatus. G. F. Andersen. 1,913,470; June 13.
- Dehydrator, Electrical. W. F. Van Loenen. 1,932,715; Oct. 31.
- Deinking apparatus. G. Hammond. 1,921,080; Aug. 8.
- Deinter. W. L. Nahm. 1,923,579; Aug. 22.
- Delivery mechanism for nut tappers. W. L. Clouse. 1,901,146; Mar. 14.
- Delivery mechanism for printing presses. N. C. Andersen. 1,928,923; Oct. 3.
- Delivery mechanism for vending machines. B. L. Fry. 1,924,780; Aug. 29.
- Delivery system. P. S. Endacott. 1,921,968; Aug. 8.
- Delustering. H. A. Gardner. 1,906,148-9; Apr. 25.
- Demand meter. W. H. Pratt. 1,933,339; Oct. 31.
- Demand meter. R. A. Warner. 1,933,356; Oct. 31.
- Demonstrating device. R. W. Brown. 1,896,880; Feb. 7.
- Demonstration apparatus. D. J. Swartz. 1,932,609; Oct. 31.
- Demountable rim wheel. S. A. Malthaner. 1,941,405; Dec. 26.
- Demountable spoked wheel. J. H. Hunt. 1,917,034; July 4.
- Demountable wheel. E. L. Ficken. 1,939,114; Dec. 12.
- Demountable wheel. S. M. Hall. 1,910,795; May 23.
- Demountable wheel. L. Lebel. 1,909,286; May 16.
- Demountable wheel. R. B. Temple. 1,940,617; Dec. 19.
- Density of suspensions of solids in liquids, Measuring and controlling the. H. Howard. 1,892,839; Jan. 3.
- Dental alloy for cast dentures. R. R. Bayes. 1,930,119; Oct. 10.
- Dental anchorage. S. Myerson. 1,909,000; May 16.
- Dental apparatus. E. L. Chott. 1,907,286; May 2.
- Dental apparatus. J. M. Craig. 1,934,042; Nov. 7.
- Dental apparatus. O. H. Pieper. 1,911,386; May 30.
- Dental appliance. H. F. Barsha. 1,910,740; May 23.
- Dental appliance. S. Freed. 1,922,238; Aug. 15.
- Dental appliance. F. A. Goodykoontz. 1,923,972; Aug. 22.
- Dental appliance. J. H. Julian. 1,910,292; May 23.
- Dental appliance. E. D. Smith. 1,910,935; May 23.
- Dental articulator. J. A. Lentz. 1,906,797; May 2.
- Dental bridge. H. Freedman. 1,921,613; Aug. 8.
- Dental bridge. C. W. Jackman. 1,937,345; Nov. 28.
- Dental bridge. M. C. Lasky. 1,941,096; Dec. 26.
- Dental casting machine. E. H. Hinrichs. 1,915,887; June 27.
- Dental casting machine. F. S. Meyer. 1,927,571; Sept. 19.
- Dental castings and composition employed in said method, Method of making. T. E. Moore. 1,924,874; Aug. 29.
- Dental coupling. J. B. Boutet. 1,938,576; Dec. 12.

- Dental crown gauge. W. L. Stansbury. 1,930,887; Oct. 17.
- Dental device. E. Ackerman. 1,934,688; Nov. 14.
- Dental filler. W. Salzmann and R. Funke. 1,935,418; Nov. 14.
- Dental filling composition, Metallic. F. Hauptmeyer. 1,935,266; Nov. 14.
- Dental floss holder. T. Bodde. 1,916,653; July 4.
- Dental form and making same. Wax. H. Schweitzer. 1,896,123; Feb. 7.
- Dental handpiece, Straight. W. J. Terry. 1,922,644; Aug. 15.
- Dental implement. T. D. Hopkins. 1,925,981; Sept. 5.
- Dental implement. C. R. Post. 1,937,294; Nov. 28.
- Dental impression material. L. E. Harrison. 1,920,857; Aug. 1.
- Dental impression material. L. E. Harrison and S. E. Noyes. 1,897,034; Feb. 14.
- Dental instrument. J. M. Craigo. 1,910,592; May 23.
- Dental instrument. J. H. Greene. 1,902,850. Mar. 28.
- Dental instrument. J. E. Keefe. 1,913,598; June 13.
- Dental instrument. M. M. Paule. 1,917,851; July 11.
- Dental investment composition. M. C. Dailey. 1,901,053; Mar. 14.
- Dental machine. W. Watson. 1,928,518; Sept. 26.
- Dental mandrel, Reversible. C. Engelfried. 1,907,319; May 9.
- Dental massaging appliance. A. B. Troupa. 1,924,337; Aug. 29.
- Dental matrix. J. F. Nelson. 1,935,481; Nov. 14.
- Dental matrix holder jaw. W. E. Harper. 1,908,145; May 2.
- Dental model stone composition. M. C. Dailey. 1,901,054; Mar. 14.
- Dental mold material and making same, Highly refractory. C. H. Prange. 1,909,008; May 16.
- Dental oven. F. S. Meyer. 1,926,344; Sept. 12.
- Dental plate. F. Kinna and H. Hagemeyer. 1,914,606; June 20.
- Dental plate base. J. F. Walsh. 1,897,286; Feb. 14.
- Dental rack and timer. D. B. Hill. 1,923,978; Aug. 22.
- Dental roll dispenser. I. E. Sigveland. 1,919,535; July 25.
- Dental slab. H. Drespel. 1,896,772; Feb. 7.
- Dental sprue former. R. V. Williams. 1,939,479; Dec. 12.
- Dental tool holder. W. A. Kelsey. 1,925,808; Sept. 5.
- Dental water heater. R. M. Kerr. 1,919,950; July 25.
- Dental X-ray focusing instrument. H. H. Harrison. 1,923,669; Aug. 22.
- Dentifrice preparation. J. J. Harris. 1,933,977; Nov. 7.
- Dentist's emergency unit. E. A. Pierce. 1,907,187; May 2.
- Dentist's saliva ejector. E. Cirvin. 1,930,712; Oct. 17.
- Denture. C. H. Wharton. 1,924,265; Aug. 29.
- Denture, Artificial. J. L. Halley. 1,910,764; May 23.
- Dentures, Making artificial. W. E. Sanborn. 1,931,804; Oct. 24.
- Dentures, Making reenforced vulcanite. U. Nudell. 1,899,521; Feb. 28.
- Deodorant holder. H. J. Brownstein. 1,916,357; July 4.
- Deodorizing and disinfecting apparatus. L. Kopperstein. 1,893,648; Jan. 10.
- Deodorizing and insecticide attachment for vacuum cleaners. E. H. Berndsen and J. L. Kelly. 1,911,669; May 30.
- Dephlegmator. R. E. Nagel. 1,896,245; Feb. 7.
- Dephlegmator or bubble tower. H. Moore. 1,915,746; June 27.
- Depilatory and compounding the same. R. H. McKee and E. H. Morse. 1,899,707; Feb. 28.
- Depositing and decorating device. H. Lerche. 1,939,400; Dec. 12.
- Depository for burglarproof chests. C. F. Sioberg. 1,935,959; Nov. 21.
- Depository for valuables, Burglarproof. J. V. Nocero. 1,922,557; Aug. 15.
- Depth gauge. A. L. Gagnon. 1,928,528; Sept. 26.
- Depth measuring device. J. S. Farrell. 1,913,023; June 6.
- Derailer, Portable. I. K. Dixon. 1,938,486; Dec. 5.
- Derivative of polymerized cyananthraquinone compounds. M. A. Kunz and K. Koeberle. 1,894,491; Jan. 17.
- Derivative of the acridone series. M. A. Kunz, K. Koeberle, and A. Hensle. 1,939,011; Dec. 12.
- Derivative of the benzanthrone pyrazolanthrone series and preparing them. K. Wilke, J. Stock, and F. Schubert. 1,938,059; Dec. 5.
- Derivatives from olefins, Production of valuable. H. E. Buc. 1,939,384; Dec. 12.
- Derivatives of anthraquinone, Manufacture of basic. G. H. Ellis and H. C. Olpin. 1,921,458; Aug. 8.
- Derivatives of aromatic compounds, Iodo. M. A. Kunz, K. Koeberle, and E. Berthold. 1,926,155; Sept. 12.
- Derivatives of arsine and the product thereof, Preparing aromatic amino. C. J. Oechslein. 1,909,498; May 16.
- Derivatives of cellulose composition of low inflammability. C. Dreyfus. 1,907,521; May 9.
- Derivatives of cresol ethers, Production of. A. E. Tschischibabin. 1,933,775; Nov. 7.
- Derivatives of di- or tri-methoxy-and-ethoxy-benzoic acids and manufacture of same. M. Guggenheim. 1,939,496; Dec. 12.
- Derivatives of indanthrene, Making chlorinated. J. H. Crowell. 1,931,646; Oct. 24.
- Derivatives of indigoid dyestuffs, Water soluble. W. Mieg and R. M. Heidenreich. 1,933,993; Nov. 7.
- Derivatives of the diphenylamine series and making same. L. Laska and A. Werdermann. 1,893,091; Jan. 3.
- Derivatives of the naphthazarine series, Preparing. G. Kraenzlein, R. Welde, and P. Ochwat. 1,892,730; Jan. 3.
- Derivatives of the testicle hormone, Acylated. W. Schoeller, E. Schwenk, and M. Gehrke. 1,907,591; May 9.
- Derivatives of 3-nitro-4-hydroxybenzamide. W. Henrich, R. Strobel and E. Tietze. 1,927,936; Sept. 26.
- Derivatives of 2,3-hydroxynaphthoic acid arylides. A. Zitscher, H. Morschel, and W. Luce. 1,935,930; Nov. 21.
- Derivatives of vat dyestuffs and making the same, Direct dyeing water soluble stable. J. E. G. Harris. 1,895,382; Jan. 24.
- Derrick. E. V. Cullen and A. G. A. Schmidt. 1,908,959; May 16.
- Derrick. C. L. Henry. Des. 90,441-2; Aug. 8.
- Derrick. E. L. Moody. 1,915,900; June 27.
- Derrick construction. W. W. Lewis. 1,935,095; Nov. 14.
- Derrick construction. A. A. Trout. 1,896,530; Feb. 7.
- Derrick mast for well drilling machines, Shock absorbing. T. L. Goff. 1,893,408; Jan. 3.
- Derrick structure for oil, gas, or artesian wells. R. C. Pfeil. 1,914,159; June 13.
- Derrick with hauling engine installation for shaft plants with high conveying and rope speeds. P. A. Mommertz and F. Lenza. 1,939,220; Dec. 12.
- Desiccated materials and product, Hydrating. B. R. Harris. 1,907,801; May 9.
- Desiccating apparatus. W. S. Bowen. 1,923,659; Aug. 22.
- Desiccating method and apparatus. D. D. Peebles. 1,914,895; June 20.
- Design and making it. O. H. Baerle. 1,914,096; June 13.
- Design wheel. N. Levin. 1,925,449; Sept. 5.
- Design wheel. J. J. Sanders. 1,902,903; Mar. 28.
- Designs and transfer composition, Transferring. W. S. Lawrence. 1,893,626; Jan. 10.
- Designs, Forming. F. R. Johnson. 1,893,944; Jan. 10.
- Designs on enamel ware, Producing selective. A. E. Feller. 1,907,771; May 9.
- Designating device. M. Sheras. 1,918,570-1; July 18.
- Desk. A. G. Bloomdahl and W. W. Shaw. 1,939,250; Dec. 12.
- Desk. R. W. Ericson. 1,910,156; May 23.
- Desk. L. Parrott. 1,930,348; Oct. 10.
- Desk. R. E. Wagner. 1,920,452; Aug. 1.
- Desk and blackboard arrangement. E. E. Herrmann. 1,899,687; Feb. 28.
- Desk and chair support, Combined. L. C. Travers. Des. 90,056; May 30.
- Desk assembly, Instruction. E. E. Wyatt. 1,892,796; Jan. 3.
- Desk, Cabinet. W. J. Michelet. 1,905,396; Apr. 25.
- Desk cabinet. C. W. Sams. 1,914,757; June 20.
- Desk, chair, and the like, Folding. A. A. Goodrich. 1,922,582; Aug. 15.
- Desk construction, Metal. D. E. Hunter. 1,907,969; May 9.
- Desk, Convertible. C. N. Miller. 1,925,771; Sept. 5.
- Desk, Door. E. J. Andler. 1,894,145; Jan. 10.
- Desk, Drafting. F. V. Larkin. 1,915,500; June 27.
- Desk, Folding. E. S. Hodgson. 1,906,064; Apr. 25.
- Desk lock. B. G. Rand. 1,928,265; Sept. 26.
- Desk, Metallic. B. G. Rand. 1,918,780; July 18.
- Desk pen holder. R. Back and G. A. Cooper. 1,902,208; Mar. 21.
- Desk, School. P. L. B. Taylor. 1,894,502; Jan. 17.
- Desk set. K. S. Parker. 1,916,808; July 4.
- Desk set, Fountain pen. A. Bienenstein. 1,917,423; July 11.
- Desk stand. D. V. Bowen. 1,935,011; Nov. 14.
- Desk stand. D. V. Bowen and C. W. Douglas. 1,935,010; Nov. 14.
- Desk structure. E. H. Sheldon. 1,892,813; Jan. 3.
- Desk, Student. G. F. Reinhard. 1,933,932; Nov. 7.
- Desk, Typewriter. C. A. Cutler. 1,940,046; Dec. 19.
- Desk, Wooden. G. L. Youngs and J. L. Angle. Des. 90,560; Aug. 22.
- Desk, Writing. G. N. Kelly. 1,933,218; Oct. 24.
- Dessert made with rennin, Sweetened and flavored. K. J. Monrad. 1,902,415; Mar. 21.
- Desulphurization. J. C. Funcke. 1,911,563; May 30.
- Desuperheater. J. M. Barrett and G. M. Fritze. 1,894,391; Jan. 17.
- Desuperheater. D. W. Rudorff. 1,894,791; Jan. 17.
- Desuperheater. D. W. Rudorff. 1,929,520; Oct. 10.
- Desuperheating system. D. W. Rudorff. 1,896,247; Feb. 7.
- Detachable fastener. G. A. King. 1,904,055; Apr. 18.
- Detachable fastener. E. J. Tripp. 1,898,155; Feb. 21.
- Detachable handle. E. W. Stevens. 1,935,065; Nov. 14.
- Detachable hook. S. S. Mounzelis. 1,912,950; June 6.
- Detector. R. H. Galt. 1,935,316; Nov. 14.
- Detector and ejector, Spurious coin. E. DeRyss. 1,896,392; Feb. 7.
- Detector for antifreeze solutions, Dilution. P. K. Frolich and S. P. Gildersleeve. 1,919,628; July 25.
- Detector for boilers, Low water. W. O. Lum. 1,921,684; Aug. 8.
- Detector for hidden metal. G. E. Blinn. 1,910,820; May 23.
- Detector mechanism for nail head capping machines. W. C. Dickson. 1,910,681; May 23.

- Detent for window sashes. J. F. Harder. 1,905,983; Apr. 25.
- Detergent composition. M. C. Taylor. 1,894,207; Jan. 10.
- Detergent composition of matter. M. M. Kahn. 1,921,676; Aug. 8.
- Detergent dispensing device. J. R. Martin. 1,904,157; Apr. 18.
- Detergent solution, Producing a. S. A. Wier. 1,910,454; May 23.
- Determining and measuring distances. A. M. Jackson. 1,920,259; Aug. 1.
- Detonator and composition for the same. S. B. Large. 1,928,204-5; Sept. 26.
- Detonator composition. S. B. Large. 1,928,206-7; Sept. 26.
- Detonator, Safety. S. B. Large. 1,928,208; Sept. 26.
- Detonator safety device. J. T. C. Williams and R. J. Townsend. 1,897,685; Feb. 14.
- Detonators, percussion caps, and like articles, Manufacture of electric. D. T. Jones and F. J. Moore. 1,904,240; Apr. 18.
- Detritor. N. B. Lund. 1,895,674; Jan. 31.
- Developing and printing device, Negative. L. G. Simjian. 1,918,061; July 11.
- Developing apparatus. C. Bodan. 1,919,926; July 25.
- Developing apparatus, Automatic. L. G. Simjian. 1,939,144; Dec. 12.
- Development reel. L. E. Hutchings. 1,938,103; Dec. 5.
- Device adapted to be mounted at the ends of net wings. W. F. Black. 1,913,425; June 13.
- Device as a throwback or front compressor for tilting front filing drawers. F. L. G. Straubel. 1,935,582; Nov. 14.
- Device capable of being set into two or more positions. E. L. Wilson. 1,938,507; Dec. 5.
- Device for displacing from the axis to the pipe wall the highest speed in tubes being flowed through. A. Meyer. 1,937,977; Dec. 5.
- Device for distributing and packing cosettes in diffusion battery cells. A. R. Finley and S. Smith. 1,895,185; Jan. 24.
- Device for feeding infants. G. J. McLean and R. Q. Edmonston. 1,921,535; Aug. 8.
- Device for heating water. E. J. Lee. 1,918,113; July 11.
- Device for keeping an infant under crib covers. F. A. Bates. 1,923,809; Aug. 22.
- Device for marking cheeses or like blocks. F. Moeschlin. 1,914,035; June 13.
- Device for registering and feeding objects to a magazine. S. Evans. 1,922,425; Aug. 15.
- Device for truing collector rings of rotary converters. O. L. Luft. 1,935,805; Nov. 21.
- Device to be attached to containers. R. R. Brown. 1,896,834; Feb. 7.
- Device to train aviators or for amusement purposes. A. Bisch. 1,912,174; May 30.
- Dextrine from cornstarch, Manufacture of. A. D. Fuller. 1,937,752; Dec. 5.
- Diagnostic device. C. H. Wolff. 1,938,364; Dec. 5.
- Dial and cylinder connection for knitting machines. W. L. Smith, jr., and R. H. Lawson. 1,904,888; Apr. 18.
- Dial assembly, Indicating. R. M. Heintz. 1,907,806; May 9.
- Dial, Auxiliary calling. A. Stoeger. 1,906,656; May 2.
- Dial construction. A. S. Greenwood. 1,929,582; Oct. 10.
- Dial device. J. Millen. 1,910,624; May 23.
- Dial engraving machine. W. M. Brower. 1,894,976; Jan. 24.
- Dial for timepieces. M. Brunswig. Des. 89,434; Mar. 14.
- Dial illuminating means. O. Hofferbert. 1,939,774; Dec. 19.
- Dial, Indicating. W. M. Brower. 1,938,061; Dec. 5.
- Dial indicator gauge. E. H. Aldeborgh and C. E. Ruf. 1,937,936; Dec. 5.
- Dial operating mechanism. L. H. Morin. 1,917,049; July 4.
- Dial operator. J. F. Currian. 1,900,916; Mar. 14.
- Dial, Tuning. H. A. Flammer and E. G. Fracker. 1,913,438; June 13.
- Dialing device. L. H. Morin. 1,917,050-1; July 4.
- Dialing device. L. H. Morin. 1,927,413; Sept. 19.
- Dialkyl-benzene compounds, New 1,4-. H. Wagner and H. Kracker. 1,919,580; July 25.
- Dialkylaminoarylphosphinous acids, Salts of. L. Benda. 1,918,628; July 13.
- Dialkyl ketones and secondary aromatic amines, Combining. W. P. ter Horst. 1,915,108; June 20.
- Dialkyl resorcinols. W. G. Christiansen and S. E. Harris. 1,897,188; Feb. 14.
- Diamines and making the same, Unsulphonated diacylated. G. de Montmolin, J. Danuser, G. Bonhôte, and H. Johnner. 1,899,856; Feb. 28.
- Diaminodiphenylsulphides, Manufacture of. R. Lantz. 1,933,217; Oct. 31.
- Diammonium phosphate, Producing. M. Larsson. 1,936,168; Nov. 21.
- Diamond drill and making the same. G. F. Taylor. 1,941,203; Dec. 26.
- Diamond setting and making the same. D. A. Cotton. 1,926,330; Sept. 12.
- Diaper. C. C. De Witt. 1,928,330; Sept. 26.
- Diaper. C. H. Rainey. 1,934,558; Nov. 7.
- Diaper. A. H. Strauss. 1,930,114; Oct. 10.
- Diaphragm. R. W. Carlisle and R. W. Nye. 1,901,631; Mar. 14.
- Diaphragm. M. Nystrom. 1,918,421; July 18.
- Diaphragm and coil support. G. Holst, R. Shepherd, and P. H. A. van Lis. 1,906,066; Apr. 25.
- Diaphragm and composition of matter for forming the same. G. H. Burgman. 1,911,802; May 30.
- Diaphragm apparatus for X-ray tubes. L. Raab. 1,909,118; May 16.
- Diaphragm coil and terminal support. R. E. Tolerton. 1,930,600; Oct. 17.
- Diaphragm, Fluid-pressure responsive. O. N. Bryant. 1,937,314; Nov. 28.
- Diaphragm for acoustic apparatus. J. Leopold. 1,917,309; July 11.
- Diaphragm for acoustic devices. M. Hönl. 1,939,447; Dec. 12.
- Diaphragm for apparatus for picture telegraphy. H. G. Thilo. 1,924,700; Aug. 29.
- Diaphragm for sound producing instruments. L. Young. 1,926,187; Sept. 12.
- Diaphragm, Permeable. H. C. Howard and E. S. Kern. 1,929,923; Oct. 10.
- Diaphragm, Seamless. R. P. Rose. 1,927,902; Sept. 26.
- Diaphragm support. S. Levy. 1,925,639; Sept. 5.
- Diaphragm pump. M. L. Hacker. 1,927,587; Sept. 19.
- Diaphragm pump. J. G. C. Mantle. 1,915,832-3; June 27.
- Diaphragm pump. J. G. C. Mantle. 1,926,208; Sept. 12.
- Diaphragm, Refractory porous. R. E. Lowe, N. B. Brown, and W. Bjorkstedt. 1,900,864; Mar. 7.
- Diaphragms, Making. J. S. High. 1,924,316; Aug. 29.
- Dipositives in the production of printing forms, Producing. R. Kirsch. 1,909,282; May 16.
- Diaryl containing wax-like solid. C. B. Durgin and R. L. Jenkins. 1,894,266; Jan. 17.
- Diathermic and röntgen apparatus. A. Helbig. 1,918,907; July 18.
- Diathermic treatment by means of high frequency, Apparatus for. A. Esau. 1,918,386; July 18.
- Diathermy. F. M. Ende. 1,916,722; July 4.
- Diazo compound of 2-amino-chloro-1-oxy-3-sulphobenzene and its production. E. Sack. 1,905,354; Apr. 25.
- Diazo-sulphonates. A. Zitscher and W. Seidenfaden. 1,909,851; May 16.
- Diazo sulphonates of the diarylamine series. A. Zitscher and W. Seidenfaden. 1,897,410; Feb. 14.
- Dibble. W. F. Love. 1,900,827; Mar. 7.
- Dibenzanthrone derivatives and the like, Production of. I. B. Anderson, R. F. Thomson, and J. Thomas. 1,893,530; Jan. 10.
- Dibenzanthrone from the corresponding Bzl.Bzl'-dibenzanthronyls, Making. A. Lüttringhaus, H. Neresheimer, and H. Emmer. 1,899,579; Feb. 28.
- Dibenzanthrone, Making. L. P. Kyrides. 1,908,712; May 16.
- Dibenzanthrones, Derivatives of. M. A. Kunz and K. Koeberle. 1,908,369; May 9.
- Dibenzoxycarbocyanines and preparing them. L. G. S. Brooker. 1,939,201; Dec. 12.
- Dicalcium phosphate and of ammonium chloride, Simultaneous manufacture of. L. Durepaire and B. Quantin. 1,930,744; Oct. 17.
- Dichloracetone, Producing asymmetric. W. O. Herrmann and E. Baum. 1,916,979; July 4.
- Dichlorethylene, Producing. W. O. Herrmann and E. Baum. 1,921,879; Aug. 8.
- Dichloro-methyl-anthraquinones and making same. O. Bayer. 1,899,304; Feb. 28.
- Dichromates, Manufacture of. J. E. Demant. 1,924,710; Aug. 29.
- Die: See—
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| Casting die. | Perforating die. |
| Coil winding die. | Printing die. |
| Cutter die. | Rethreading die. |
| Cutting and ornamenting die. | Riveting or setting die. |
| Drawing die. | Sheet metal die. |
| Extrusion die. | Steel rule die. |
| Magnetic die. | Thread rolling die. |
| Metal die. | Wire drawing die. |
- Die. W. G. Calkins. 1,940,294; Dec. 19.
- Die. C. A. Messmer, jr. 1,908,642; May 9.
- Die. G. E. Shafer. 1,936,274; Nov. 21.
- Die. G. Spata. 1,923,334; Aug. 22.
- Die. R. H. Stone. 1,905,762; Apr. 25.
- Die and holding clip therefor, Thread cutting. O. E. Koehler and W. B. Du Mont. 1,898,132; Feb. 21.
- Die and making the same, Metal. E. J. W. Ragsdale. 1,935,916; Nov. 21.
- Die and ornamenting and marking shoe uppers, Marking and impression. B. W. Freeman and W. S. Herschel. 1,937,195; Nov. 28.
- Die blocks and the like, Manufacture of. K. V. Wheeler and L. R. P. Bensing. 1,929,909; Oct. 10.
- Die-casting. L. H. Morin. 1,922,598; Aug. 15.
- Die casting. C. Pack. 1,935,059; Nov. 14.
- Die casting. W. P. Sherman. 1,940,063; Dec. 19.
- Die-casting alloy, Zinc base. J. R. Freeman. 1,930,341; Oct. 10.
- Die-casting apparatus. T. C. Korsmo. 1,923,214; Aug. 22.
- Die-casting apparatus, Automatic. K. F. Wagner. 1,895,596; Jan. 31.
- Die-casting, Apparatus for pressure. J. E. Hoy. 1,932,823; Oct. 31.
- Die casting machine. G. Aichele. 1,920,620; Aug. 1.
- Die-casting machine. W. J. Doring. 1,911,111; May 23.

- Die casting machine. W. J. Daring. 1,931,489; Oct. 24.
Die-casting machine. W. J. Daring. 1,939,960; Dec. 19.
Die casting machine. W. S. Fiegl and W. S. Enderich. 1,910,284; May 23.
Die-casting machine. T. C. Korsmo. 1,897,433; Feb. 14.
Die casting machine. N. Lester. 1,900,863; Mar. 7.
Die casting machine. W. M. Lester. 1,898,671; Feb. 21.
Die-casting machine. J. Mahny. 1,914,031; June 13.
Die casting machine. O. B. Norgren. 1,893,301; Jan. 3.
Die-casting machine. C. Pack. 1,936,141; Nov. 21.
Die-casting machine. M. Scheible. 1,939,831; Dec. 19.
Die casting machine for motor pistons. V. H. Tandy. 1,931,907; Oct. 24.
Die-casting method. T. C. Korsmo. 1,921,681; Aug. 8.
Die-clearing mechanism. L. A. Mayle. 1,941,016; Dec. 26.
Die element, Making a composite. J. J. Findlater. 1,915,657; June 27.
Die for drying fibrous articles, Heated. G. J. Manson. 1,924,409; Aug. 29.
Die for extruding collapsible tubes. W. Prussing. 1,900,665; Mar. 7.
Die for forming paper cups. F. J. De Lackner. 1,935,832; Nov. 21.
Die for making ice bags, etc. A. D. Walker. 1,917,743; July 11.
Die for producing spirally corrugated tubing. A. Picece and S. Guarnaschelli. 1,919,254; July 25.
Die for swaging machines. S. C. Cross. 1,926,141; Sept. 12.
Die forming apparatus for large sheets of material. E. Watson. 1,938,473; Dec. 5.
Die head. R. E. Hyde. 1,921,754; Aug. 8.
Die head. H. T. Shearer and C. A. Reimschuessel. 1,894,296; Jan. 17.
Die head. L. G. Warren. 1,937,418; Nov. 28.
Die head, Circular chaser. W. J. Hogg. 1,923,265; Aug. 22.
Die head, Self opening. A. F. Breitenstein. 1,923,074; Aug. 22.
Die holder. H. N. Todd. 1,931,095; Oct. 17.
Die holder, Embossing. J. K. Browning. 1,910,278; May 23.
Die holding means. T. M. Lilleberg. 1,903,786; Apr. 18.
Die lapping machine. G. H. Sittner. 1,912,016; May 30.
Die making. S. Wadsten. 1,933,355; Oct. 31.
Die mount. E. J. McIlvried and J. C. Bittman. 1,938,190; Dec. 5.
Die-rolled articles, Reworking of. P. L. Coyle. 1,922,793; Aug. 15.
Die rolling. W. P. Witherow and P. L. Coyle. 1,923,017; Aug. 15.
Die set. K. Janiszewski. 1,914,569; June 20.
Die, Shoe ornamenting. B. W. Freeman. 1,908,895; May 16.
Die stamping machine. A. H. Rankin. 1,934,277; Nov. 7.
Die stock. T. Petersen. 1,897,562; Feb. 14.
Die stock. T. Petersen. 1,929,647; Oct. 10.
Die stock. K. Saito. 1,927,048; Sept. 19.
Die stock. V. L. Wheeler. 1,902,909; Mar. 28.
Die stock, Tube threading. L. Sussman. 1,934,777; Nov. 14.
Die structure. W. J. Schultz. 1,922,110; Aug. 15.
Dieing machine. C. F. Sherman. 1,918,059; July 11.
Dies, etc., Method and machine for making wire-drawing. J. E. Peterson and E. A. Van Beke. 1,922,497; Aug. 15.
Dies for die-rolling operations, Apparatus for developing. S. W. Sparks. 1,912,599; June 6.
Dies for punching stereotype printing plates, Holder for. H. B. Ward. 1,918,943; July 18.
Dies, Making. C. L. Stevens. 1,932,426; Oct. 31.
Dies, Making drawing. A. Simons. 1,904,698; Apr. 18.
Dies, Making thread cutting. F. O. Wells. 1,893,688; Jan. 10.
Dies, Making wood mold. C. B. Norris, F. M. Curran, and H. W. Van Steenwyk. 1,905,048; Apr. 25.
Dies, Method and machine for making wire-drawing. J. E. Peterson and E. A. Van Beke. 1,922,498; Aug. 15.
Dies, Producing metallic. K. W. Couse. 1,912,889; June 6.
Dielectric material for electrical devices. F. M. Clark. 1,931,373; Oct. 17.
Dielectric materials for electrical devices. F. M. Clark. 1,931,455; Oct. 17.
Diesel engine. G. Dotterweich. 1,915,218; June 20.
Diesel engine. H. C. Edwards. 1,898,119; Feb. 21.
Diesel engine. F. Lang. 1,937,655; Dec. 5.
Diesel engine. E. Schutzniedrig. 1,900,587; Mar. 7.
Differential. W. C. Witherly. 1,898,330; Feb. 21.
Differential assembly gear flange indicating and correcting device. C. W. Yount. 1,929,800; Oct. 10.
Differential balancing means. D. D. Corey. 1,916,715; July 4.
Differential drive mechanism. F. U. Conard. 1,934,039; Nov. 7.
Differential filter, Electrically tuned. R. P. Ballou. 1,910,515; May 23.
Differential for four-wheel attachments, Automatic. B. Markham. 1,894,698; Jan. 17.
Differential for motor vehicles and the like. S. A. B. Hamilton, Jr. 1,915,606; June 27.
Differential, Gearless. A. F. Ford. 1,897,555; Feb. 14.
Differential graphitization of cast articles. H. L. Spence and H. A. Schwartz. 1,925,116; Sept. 5.
Differential mechanism. W. F. Priest. 1,918,864; July 18.
Differential pressure device. R. E. Hanson. 1,921,567; Aug. 8.
Differential pressure protective device. J. C. Albright. 1,934,517; Nov. 7.
Differential, Prime-mover. B. Burns. 1,909,041; May 16.
Differential protection for electrical apparatus. J. G. Fallou. 1,927,794; Sept. 19.
Differential, Self-oiling. K. R. Manville. 1,913,842; June 13.
Differential speed, Apparatus for measuring. G. F. French. 1,897,472; Feb. 14.
Differiator. I. B. Yassin. 1,911,663; May 30.
Diffuser and ejector, Adjustable. M. A. Aherne. 1,922,920; Aug. 15.
Digester. J. L. Green. 1,932,457; Oct. 31.
Digester. J. L. Mason. 1,922,547; Aug. 15.
Digesters adapted for manufacturing cellulose and working with circulation effected by a centrifugal pump, Arrangement in. O. A. Wren. 1,904,810; Apr. 18.
Digger, Dandelion. F. S. Hill. 1,939,897; Dec. 19.
Digger for tractors, Underslung potato. E. W. Johnson. 1,921,190; Aug. 8.
Digger, Hydraulic. P. Blumberg and F. G. Hough. 1,913,472; June 13.
Dihydroxyfluoranes, Making. P. B. Woods, J. Ogilvie, and F. H. Kranz. 1,931,049; Oct. 17.
Di-ido-hydroxy-mercury fluorescein, Water soluble. H. M. Chiles. 1,893,226; Jan. 3.
Dike. W. J. Parton. 1,937,781; Dec. 5.
Dilatometer, Self recording. S. Sato. 1,905,607; Apr. 25.
Dilator. G. G. Stevens. Des. 89,928; May 16.
Dimensions for artificial denture construction, Obtaining. F. M. Willis. 1,907,923; May 9.
Dimethyl amine, Production of. L. C. Swallen and J. Martin. 1,926,691; Sept. 12.
Di-naphthyl amines, Preparing. A. M. Clifford. 1,913,332; June 6.
Dinitro-phenyl-benzothiazyl-sulphides, Making. W. P. ter Horst. 1,941,142; Dec. 26.
Diolefines and for the production of products similar to latex, Emulsifying. M. Luther and C. Heuck. 1,896,491; Feb. 7.
Diolefines, Production of. M. Mueller-Cunradi. 1,923,569; Aug. 22.
Dioxane and its homologues, Production of. G. Steimig and O. Hamsch. 1,939,189; Dec. 12.
Diphenyl from benzene, Production of. J. H. Reilly. 1,938,609; Dec. 12.
Diphenyl, Making. W. H. Williams. 1,925,784; Sept. 5.
Di-phenyl phenolphthalein, substitution products thereof, and preparing same. S. E. Harris and W. G. Christiansen. 1,922,240; Aug. 15.
Diphenyl, Process and apparatus for the production of. T. J. Scott. 1,894,283; Jan. 17.
Diphenylol naphthene, Forming a. W. H. Moss. 1,929,209; Oct. 3.
Diphenyloxide, Purification of. E. C. Britton and W. B. Reed. 1,899,257; Feb. 28.
Diphenyls, Hydrolysis of chlorinated. C. F. Booth. 1,925,367; Sept. 5.
Diphthaloylnaphthalene compounds and new compounds obtainable thereby, Preparing. A. Wolfram and E. Hausdorfer. 1,917,414; July 11.
Dipper. E. S. Black. 1,908,883; May 16.
Dipper. D. H. Meyer. 1,903,123; Mar. 28.
Dipper construction. E. S. Black. 1,914,104; June 13.
Dipper for automatic lubricating boxes of bearings, Oil. E. Fruhstorfer. 1,933,250; Dec. 5.
Dipper front. S. G. Llewellyn. 1,920,703; Aug. 1.
Dipper, Ice cream. W. M. Dean. 1,923,257; Aug. 22.
Dipper, Ice cream. O. E. Harris. 1,896,083; Feb. 7.
Dipper, Power actuated. J. P. Murtaugh. 1,896,414; Feb. 7.
Dipper, Power shovel. L. W. Van Buskirk. 1,921,491; Aug. 8.
Dipper stick construction, Welded. L. A. Russell. 1,917,666; July 11.
Dipper tooth. L. W. Van Buskirk. 1,925,420; Sept. 5.
Dipper tooth. L. E. Younie. 1,909,850; May 16.
Dipper trip, Fluid operated. G. G. Morin. 1,905,183; Apr. 25.
Dipper trip, Friction type. G. G. Morin. 1,913,944; June 13.
Direct current dynamo-electric machine. W. Heter. 1,893,367; Jan. 3.
Direct-current voltage transformation apparatus. R. J. Rockwell. 1,920,150; July 25.
Direction finder. T. L. Eckersley. 1,938,624; Dec. 12.
Direction finder. A. Leib. 1,910,023; May 23.
Direction finder. F. W. Winkler and L. L. Kaess. 1,892,758; Jan. 3.
Direction finder apparatus. A. Leib. 1,900,292; Mar. 7.
Direction finder loop and control. J. A. Procter. 1,920,215; Aug. 1.
Direction finder, Portable. H. V. Hayes. 1,923,976; Aug. 22.
Direction finding. H. G. Busignies. 1,940,902; Dec. 26.
Direction finding system with microrays. A. G. Clavier. 1,931,980; Oct. 24.
Direction indicator. K. Chiba. 1,933,891; Nov. 7.
Direction indicator. J. E. Waaser, sr. 1,898,919; Feb. 21.
Direction indicator, Automobile. J. Brykowitz. 1,895,123; Jan. 24.

- Direction indicator switch. T. H. Cloke. 1,912,824; June 6.
- Direction of travel, applicable to belt conveyers, Device for changing the. L. Krieger. 1,908,368; May 9.
- Direction signal. J. Eichner. 1,898,719; Feb. 21.
- Direction signal. A. L. Johnson. 1,901,395; Mar. 14.
- Direction signal. T. A. Kane. 1,900,240; Mar. 7.
- Direction signal. J. Kolsters. 1,895,669; Jan. 31.
- Direction signal. S. N. Webb. 1,903,692; Apr. 11.
- Direction signaling device. J. W. Martin, E. W. and J. A. Manning. 1,928,315; Sept. 26.
- Direction-signaling device. S. M. Roberts. 1,940,605; Dec. 19.
- Directional characteristic of directive antennæ, Intensifying the. W. Van B. Roberts. 1,925,570; Sept. 5.
- Directional instrument. E. Keen. 1,932,412; Oct. 31.
- Directional sign for motor vehicles. E. T. Condon. Des. 88,858; Jan. 3.
- Directional transmission and reception with a plurality of oscillators, Arrangement for. H. Hecht, and H. Stenzel. 1,893,741; Jan. 10.
- Directory holder. H. G. Buchan. 1,911,799; May 30.
- Diresorcin isatin. W. G. Christiansen and S. E. Harris. 1,940,660; Dec. 26.
- Dirigible aircraft. G. W. Peck. 1,895,518; Jan. 31.
- Dirigible-airplane. H. L. Kuhn. 1,901,173; Mar. 14.
- Dirigible light. C. Sklarek. 1,921,784-5; Aug. 8.
- Disazo dyes. W. Lange. 1,896,450; Feb. 7.
- Disazodyestuffs, Water-insoluble. H. Clingenstein und K. Dobmaier. 1,940,662; Dec. 26.
- Disbarking machine. H. Stüve. 1,937,073; Nov. 28.
- Discharge apparatus. W. C. Laughlin and A. B. Asch. 1,904,062; Apr. 18.
- Discharge control protecting means. E. W. Schellentrager. 1,898,021; Feb. 21.
- Discharge device for cigarette machines, Automatically operating. O. Lied. 1,908,771; May 16.
- Discharge device, Gaseous electric. M. Pirani. 1,897,497; Feb. 14.
- Discharge device, Luminous. L. De Forest. 1,897,363; Feb. 14.
- Discharge, Drag conveyer. A. Plaütics. 1,919,169; July 18.
- Discharge fitting for rotary pumps with water-cooled lubricant reservoir embodied therein. J. M. Hait. 1,932,517; Oct. 31.
- Discharge mechanism. L. C. Reis. 1,899,356; Feb. 28.
- Discharge mechanism for fluid under high pressure. W. I. Carpenter. 1,924,637; Aug. 29.
- Discharge printing and fabrics produced thereby. C. Dreyfus and G. Schneider. 1,905,346-7; Apr. 25.
- Discharge tube. H. Filippo. 1,922,672; Aug. 15.
- Discharge tube. D. J. Heuveline. 1,897,255; Feb. 14.
- Discharge tube. T. C. Lengnick. 1,936,514; Nov. 21.
- Discharge tube. P. Selenyi. 1,921,139; Aug. 8.
- Discharge tube. K. M. Van Gessel, M. Bandringa, and C. H. Morel. 1,937,735; Dec. 5.
- Discharge tube. C. J. R. H. von Wedel. Re18,798; Apr. 18.
- Discharge tube control system, Gas filled. F. W. Schramm. 1,932,606; Oct. 31.
- Discharge tube display. F. Hotchner. 1,924,497; Aug. 29.
- Discharge tube, Electric glow. G. Seibt. 1,901,004; Mar. 14.
- Discharge tube, Gas-filled. C. S. Demarest. 1,938,741-2; Dec. 12.
- Discharge tube, Gas filled. G. Holst. 1,905,713; Apr. 25.
- Discharge tube, High intensity gaseous. W. F. Hendry. 1,900,109; Mar. 7.
- Discharge tube, Rectifying. P. W. Dobben, J. G. W. Mulder, and E. Oosterhuis. 1,928,370; Sept. 26.
- Discharge tube stabilizer system. M. Morrison. 1,893,299; Jan. 3.
- Discharge unit, High pressure. A. E. Berdon. 1,922,656; Aug. 15.
- Discharge valve. J. C. Buchanan and E. F. Hubacker. 1,931,017; Oct. 17.
- Discharger for centrifugal extractors, Mechanical. J. J. Neuman. 1,922,629; Aug. 15.
- Discharging device. G. F. Weaton. 1,932,388; Oct. 31.
- Discharging device for centrifugal machines. G. ter Meer. 1,918,436; July 18.
- Discharging device for centrifugal machines. G. ter Meer. 1,925,121; Sept. 5.
- Discharging, Process of. J. G. Penche. 1,898,211; Feb. 21.
- Disconnecter, Automatic. R. O. Hamill. 1,929,421; Oct. 10.
- Disconnecting switch. H. B. Austin. 1,929,049; Oct. 3.
- Disconnecting switch. C. Christensen. 1,913,106; June 6.
- Disconnecting switch. A. B. de Giorgi. 1,918,741; July 18.
- Disconnecting switch. J. Kutschke and F. Müller. 1,913,309; June 6.
- Disconnecting switch. J. J. Torok. 1,939,090; Dec. 12.
- Diseased tissue, Effecting the bloodless removal of. L. L. Doane. 1,919,543; July 25.
- Dish. E. E. Cullen. 1,921,348; Aug. 8.
- Dish. C. M. Winemiller. 1,911,100; May 23.
- Dish and cover. F. S. Morris. Re18,942; Sept. 12.
- Dish and holder, Paper. P. W. Miller. 1,933,276; Oct. 31.
- Dish cleaner. E. L. N. Lamb. 1,926,728; Sept. 12.
- Dish, Combination. R. H. Pittman. Des. 89,791; May 2.
- Dish, Combination. R. H. Pittman. Des. 91,084; Nov. 21.
- Dish handling mechanism. H. R. Brand. 1,904,198; Apr. 18.
- Dish or article of analogous nature. H. Negbaur. Des. 89,784; May 2.
- Dish or similar article. E. B. Bedford and M. G. Parker. Des. 89,738; May 2.
- Dish or similar article. E. B. Bedford and M. G. Parker. Des. 89,933-4; May 23.
- Dish or similar article. S. C. Radford. Des. 89,792; May 2.
- Dish or similar article. S. Slesinger. Des. 89,361; Feb. 28.
- Dish or similar article, Covered. J. V. Goddard. Des. 89,396; Mar. 7.
- Dish, Soap. R. L. Stair. 1,905,069; Apr. 25.
- Dish, Ventilated refrigerator. H. H. Maas. 1,926,240; Sept. 12.
- Dishwasher. H. G. Davis. 1,919,541; July 25.
- Dishwasher. J. H. Klinger and H. C. Land. 1,925,259; Sept. 5.
- Dishwasher. J. E. Long. 1,927,943; Sept. 26.
- Dishwasher. J. Rodewald. 1,908,617; May 9.
- Dishwasher. A. J. Schimpke. 1,931,996; Oct. 24.
- Dishwasher. M. Siegel. 1,900,771; Mar. 7.
- Dishwasher. R. L. Tatham. 1,900,529; Mar. 7.
- Dishwasher, Mechanical. J. H. Weidman. 1,901,683; Mar. 14.
- Dishwashing apparatus. N. I. De Bie. 1,908,128; May 9.
- Dishwashing apparatus. G. T. Fielding. 1,907,152; May 2.
- Dishwashing apparatus. W. L. Lindgren. 1,896,005; Jan. 31.
- Dishwashing attachment. C. E. Cole. 1,917,829; July 11.
- Dishwashing device. G. Poli. 1,897,821; Feb. 14.
- Dishwashing machine. H. M. Canfield. 1,927,917; Sept. 26.
- Dish washing machine. G. Celaya. 1,899,495; Feb. 28.
- Dishwashing machine. O. Cammann, jr. 1,928,683; Oct. 3.
- Dishwashing machine. P. De Asis. 1,903,780; Apr. 18.
- Dishwashing machine. J. W. Dies. 1,934,916; Nov. 14.
- Dishwashing machine. N. H. Henderson. 1,934,539; Nov. 7.
- Dishwashing machine. W. S. Hilpert and E. S. Stoddard. 1,902,237; Mar. 21.
- Dishwashing machine. J. B. Kirby. 1,927,665; Sept. 19.
- Dishwashing machine. M. Klaiber. 1,915,162; June 20.
- Dishwashing machine. W. L. Lindgren. 1,927,461; Sept. 19.
- Dishwashing machine. R. Pauly. 1,939,630; Dec. 12.
- Dishwashing machine. C. Selmer. 1,907,269; May 2.
- Dishwashing machine. C. M. Snyder. 1,938,302; Dec. 5.
- Dishwashing machine. E. S. Stoddard. 1,902,192; Mar. 21.
- Dish washing machine. E. S. Stoddard. 1,905,523; Apr. 25.
- Dishwashing machine. E. S. Stoddard. 1,923,401; Aug. 22.
- Dishwashing machine. E. S. Stoddard. 1,937,100; Nov. 28.
- Dishwashing machine. F. G. Walker. 1,937,738; Dec. 5.
- Dishwashing machine. E. D. Watt. 1,915,079; June 20.
- Dishes and other articles, Apparatus for washing. G. K. Tanner. 1,914,309; June 13.
- Disinfectant. E. C. Britton. 1,907,728; May 9.
- Disinfectant. W. L. Estabrooke. 1,938,585; Dec. 12.
- Disinfectant. E. Lehmann, F. Reckmanns, K. Dobmaier, and J. Willems. 1,919,298; July 25.
- Disinfectant. H. Priewe. 1,933,757; Nov. 7.
- Disinfectant and deodorizer. F. J. Curran. 1,897,573; Feb. 14.
- Disinfectant composition. M. Engelmann. 1,919,936; July 25.
- Disinfectant composition, Seed. M. S. Kharasch. 1,919,732; July 25.
- Disinfectant, Seed. M. Engelmann. 1,915,054; June 20.
- Disinfectant, Seed. M. Engelmann. 1,920,008-9; July 25.
- Disinfectant, Seed. M. S. Kharasch. 1,934,803-4; Nov. 14.
- Disinfectant, Seed. M. S. Kharasch. 1,938,839; Dec. 12.
- Disinfectant, Seed and plant. M. S. Kharasch. 1,919,729; July 25.
- Disinfectants, Making water soluble. P. Gödrich. 1,930,474; Oct. 17.
- Disinfecting device. J. A. Gerome. 1,928,483; Sept. 26.
- Disinfecting medium and manufacturing the same. E. A. Garbe. 1,893,770; Jan. 10.
- Disinfecting solution. G. M. Karns and L. H. Cretcher. 1,903,614; Apr. 11.
- Disintegrating machine. R. Baccellieri. 1,931,857; Oct. 24.
- Disintegrating machine. M. W. Edman. 1,921,914; Aug. 8.
- Disintegrator. M. Anrig. 1,924,828; Aug. 29.
- Disintegrator for soil. S. Takakita. 1,910,719; May 23.
- Disk, Abrasive. W. C. Happ. 1,899,959; Mar. 7.
- Disk and stylus therefor, Combined home-recording. F. C. Barton. 1,930,502; Oct. 17.
- Disk assembly, Water, dirt, and water tight. L. C. Weaver. 1,917,674; July 11.
- Disk bit. H. W. Fletcher. 1,905,165; Apr. 25.
- Disk bit. H. W. Fletcher and F. L. Scott. 1,896,297; Feb. 7.
- Disk bit. F. L. Scott. 1,909,129; May 16.
- Disk brake. H. D. Newhart. 1,928,866; Oct. 3.
- Disk brake. J. L. Price. 1,933,930; Nov. 7.
- Disk brake, Equalized. R. H. Rosenberg. 1,895,772; Jan. 31.

- Disk clutch. M. Goldschmidt. 1,915,732; June 27.
 Disk clutch. G. E. Stanley. 1,926,922; Sept. 12.
 Disk clutch, Adjustable. M. Goldschmidt. 1,901,856; Mar. 14.
 Disk damper control. V. F. Feipel. 1,924,985; Aug. 29.
 Disk, Decorated. F. C. Hutchison. Des. 90,768; Sept. 26.
 Disk drill bit. I. C. Bell. 1,908,656; May 9.
 Disk drill bit. C. S. Crickmer. 1,908,693; May 16.
 Disk edging machine, Rotary. H. L. Myers. Des. 89,511; Mar. 21.
 Disk, Flexible coupling. J. R. Hemeon. 1,894,175; Jan. 10.
 Disk furrowing and blocking machine. O. Domries and O. Piepenbrink. 1,898,870; Feb. 21.
 Disk harrow. J. E. Boda. 1,893,641; Jan. 10.
 Disk harrow. J. S. Brown. 1,912,125; May 30.
 Disk harrow. J. E. Hoffman. 1,926,381; Sept. 12.
 Disk harrow, Offset. J. S. Stewart. 1,919,080; July 18.
 Disk harrows. Gang adjusting means for. E. Mowry. 1,913,036; June 6.
 Disk-like cutting tool. G. F. Taylor. 1,904,568; Apr. 18.
 Disk spectrum selector, Coaxial. M. B. De Jarnette. 1,907,750; May 9.
 Disk supporting and feeding mechanism for disk sharpeners. C. W. Skow. 1,912,166; May 30.
 Disk tiller. W. H. Silver. 1,928,952; Oct. 3.
 Disk valve, Removable. L. H. Moe. 1,912,786; June 6.
 Disk wheel. C. L. Eksergian and T. A. Davenport. Des. 89,687; Apr. 25.
 Disk wheels, Making. H. L. Mueller. 1,931,152; Oct. 17.
 Disks and making the same, Friction. R. W. Kent. 1,919,111; July 18.
 Disks, Device for melting wax. G. Chevassus. 1,920,629; Aug. 1.
 Disks for centrifugal separators, Producing conical. H. O. Lindgren. 1,939,356; Dec. 12.
 Disks, Hot rolling radially tapered. O. M. Otte. 1,923,889; Aug. 22.
 Disks, Making cold rolled. G. L. Kelley and E. G. Budd. 1,901,935; Mar. 14.
 Disks, Making strong, thin, cemented carbide. G. F. Taylor. 1,918,064; July 11.
 Disks of centrifugal separators, Apparatus for cleansing and sterilizing the. H. Hobi. 1,914,016; June 13.
 Dispatch carrier, Pneumatic. H. F. Vieau. 1,908,492; May 9.
 Dispatch system valve, Pneumatic. J. J. Stoetzel. 1,904,098; Apr. 18.
 Dispenser. See—
 Article dispenser. Paste dispenser.
 Check dispenser. Perfume dispenser.
 Chilling dispenser. Portable liquid dispenser.
 Cigarette and match dispenser. Powder dispenser.
 Cigarette dispenser. Soap dispenser.
 Coffee dispenser. Soap lather dispenser.
 Collapsible dispenser. Soda straw dispenser.
 Container dispenser. Sugar dispenser.
 Cube sugar dispenser. Table dispenser.
 Gear lubricant dispenser. Tooth paste dispenser.
 Ice cream dispenser. Toothpick dispenser.
 Liquid dispenser. Tooth powder dispenser.
 Measuring dispenser. Towel dispenser.
 Medicine dispenser. Tube cream dispenser.
 Milk and cream dispenser. Tube dispenser.
 Milk dispenser. Tube paste dispenser.
 Oil and air dispenser. Water dispenser.
 Paper towel dispenser.
 Dispenser. R. W. Cole. Des. 89,842; May 9.
 Dispenser. P. H. Horwitt. 1,894,589; Jan. 17.
 Dispenser. P. H. Horwitt. 1,895,661; Jan. 31.
 Dispenser. P. H. Horwitt. 1,901,243; Mar. 14.
 Dispenser. J. P. Jagy. 1,939,900; Dec. 19.
 Dispenser. M. I. Lambert. 1,914,209; June 13.
 Dispenser. J. Mass. 1,896,750; Feb. 7.
 Dispenser. T. R. McGuire, Jr. 1,935,457; Nov. 14.
 Dispenser. O. F. Skareen. 1,928,603; Sept. 26.
 Dispenser. B. G. Wessman. 1,905,613; Apr. 25.
 Dispenser. B. G. Wessman. 1,940,067; Dec. 19.
 Dispenser. H. A. Wolf. 1,902,052; Mar. 21.
 Dispenser and lighter, Automatic cigarette. N. Arvidsson. 1,906,945; May 2.
 Dispenser and lighter, Cigarette. W. F. Landrum. 1,912,779; June 6.
 Dispenser container. W. F. Punte. 1,941,051; Dec. 26.
 Dispenser for binding slips. W. H. Muchmore. 1,911,236; May 30.
 Dispenser for liquids, Measuring. A. Kokenge. 1,913,761; June 13.
 Dispenser for rolled sheet material. H. De Waide. 1,912,363; June 6.
 Dispenser for washing machines, Detergent. J. Barsky. 1,941,125; Dec. 26.
 Dispenser of the twin chamber type. W. H. Haupt. 1,901,454; Apr. 18.
 Dispenser or meter, Fluid. D. Kapuczin. 1,901,348; Mar. 14.
 Dispenser or the like, Liquid. S. J. Kaz. Des. 90,622; Sept. 5.
 Dispenser or the like, Liquid. S. J. Kaz. Des. 90,809; Oct. 3.
 Dispenser valve, Fruit juice. H. H. Crimmel. 1,897,302; Feb. 14.
 Dispensing. J. S. MacLean. 1,933,596; Nov. 7.
 Dispensing and display box. R. Guyer. 1,928,889; Oct. 3.
 Dispensing apparatus. F. S. Barks. 1,902,750; Mar. 21.
 Dispensing apparatus. F. S. Barks and W. Z. Linders. 1,916,184; June 27.
 Dispensing apparatus. W. E. Benson. 1,907,714; May 9.
 Dispensing apparatus. G. A. Blake. 1,926,426; Sept. 12.
 Dispensing apparatus. R. W. Bond. 1,931,427; Oct. 17.
 Dispensing apparatus. A. Boomershine. 1,893,725; Jan. 10.
 Dispensing apparatus. W. J. Bragger. 1,898,866; Feb. 21.
 Dispensing apparatus. E. R. Candor. 1,897,299; Feb. 14.
 Dispensing apparatus. L. E. Cox. 1,925,953; Sept. 5.
 Dispensing apparatus. E. W. Davis. 1,938,174; Dec. 5.
 Dispensing apparatus. J. A. Heller. 1,906,928; May 2.
 Dispensing apparatus. I. H. Kauffman and A. M. Williams. 1,893,708; Jan. 10.
 Dispensing apparatus. N. R. Kirk. 1,920,867; Aug. 1.
 Dispensing apparatus. J. W. Moore. 1,893,632; Jan. 10.
 Dispensing apparatus. R. K. Nash. 1,898,383; Feb. 21.
 Dispensing apparatus. W. Pascoe. 1,910,046; May 23.
 Dispensing apparatus. E. A. Raines. 1,902,046; Mar. 21.
 Dispensing apparatus. P. B. Renfrew. 1,940,271; Dec. 19.
 Dispensing apparatus. C. Spaeth. 1,910,071; May 23.
 Dispensing apparatus. C. Spaeth. 1,940,064; Dec. 19.
 Dispensing apparatus, Coin controlled. H. J. Halsted and N. R. Briggs. 1,900,989; Mar. 14.
 Dispensing apparatus, Fluid. R. L. Renzenhausen. 1,919,257; July 25.
 Dispensing apparatus for stickers. O. E. Bennett. 1,896,348; Feb. 7.
 Dispensing apparatus, Measuring. E. E. Mills. 1,913,767; June 13.
 Dispensing appliance. C. G. Anastor. 1,916,195; July 4.
 Dispensing can. L. R. Paul and S. E. Witt. 1,934,138; Nov. 7.
 Dispensing can. F. A. Prahl. 1,933,448-9; Oct. 31.
 Dispensing can holder. A. C. Lusher. 1,927,553; Sept. 19.
 Dispensing closure for collapsible containers. R. G. Thompson. 1,912,022; May 30.
 Dispensing container. C. P. Baker, Jr. 1,938,479; Dec. 5.
 Dispensing container. E. L. Byfield. Des. 89,601; Apr. 11.
 Dispensing container. A. J. Chamberlain. 1,903,442; Apr. 11.
 Dispensing container. R. B. Etter. 1,912,438; June 6.
 Dispensing container. A. E. Holmes. 1,938,181; Dec. 5.
 Dispensing container. P. D. Peterson. 1,912,384-5; June 6.
 Dispensing container. P. D. Peterson. 1,936,879; Nov. 28.
 Dispensing container. W. F. Punte and C. J. Aulbach. 1,941,052; Dec. 26.
 Dispensing container. W. L. Rutkowski. 1,897,960; Feb. 14.
 Dispensing container. F. P. Swallow. 1,919,605; July 25.
 Dispensing container. S. E. Witt and L. R. Paul. 1,933,646; Nov. 7.
 Dispensing device. E. Alexander. 1,901,487; Mar. 14.
 Dispensing device. G. W. Burns. 1,894,977; Jan. 24.
 Dispensing device. E. R. Candor. 1,934,225; Nov. 7.
 Dispensing device. A. F. Christiani. 1,906,899; May 2.
 Dispensing device. R. W. Hand. 1,923,974; Aug. 22.
 Dispensing device. G. S. Hunt. 1,914,690; June 20.
 Dispensing device. R. P. Johnson. 1,917,976; July 11.
 Dispensing device. T. M. Jones. 1,916,513; July 4.
 Dispensing device. W. W. Kelly. Des. 90,773; Sept. 26.
 Dispensing device. G. Lipshitz. 1,895,854; Jan. 31.
 Dispensing device. H. W. Mills. 1,910,032; May 23.
 Dispensing device. J. J. Moran and J. W. Quick. 1,892,992; Jan. 3.
 Dispensing device. C. M. Smith. 1,911,474; May 30.
 Dispensing device. W. P. Tarrant. 1,910,650; May 23.
 Dispensing device. F. K. Tarrant. 1,902,001; Oct. 24.
 Dispensing device. W. G. Watkins. 1,933,198; Oct. 31.
 Dispensing device. P. A. Wooster. 1,904,756; Apr. 18.
 Dispensing device. G. H. Yasso. 1,919,582; July 25.
 Dispensing device. H. B. Young. 1,898,803; Feb. 21.
 Dispensing device for collapsible tubes. H. H. Miles. 1,924,195; Aug. 29.
 Dispensing device for granular material in sealed cans or containers. F. Leather. 1,938,147; Dec. 5.
 Dispensing machine. W. Blaydes and C. Britton. 1,928,556; Sept. 26.
 Dispensing machine. G. E. Cook. 1,935,143; Nov. 14.
 Dispensing machine. F. C. Du Grenier. 1,921,610; Aug. 8.
 Dispensing machine. A. H. Du Grenier. 1,938,815; Dec. 12.
 Dispensing machine. L. W. Lowther. 1,905,180; Apr. 25.
 Dispensing machine, Coin controlled. A. H. Du Grenier. 1,935,835; Nov. 21.
 Dispensing package. J. P. Dunne. 1,918,088; July 11.
 Dispensing pump. B. J. Pepper. 1,918,193; July 11.
 Dispensing pump. T. H. Schutt. 1,919,173; July 18.
 Dispensing pump, Gasoline. C. Ultes. Des. 89,365; Feb. 28.
 Dispensing receptacle. H. Hermani. 1,940,751; Dec. 26.
 Dispensing receptacle. M. W. C. Reiner. 1,941,226; Dec. 26.
 Dispensing receptacle. A. Rice. 1,931,270; Oct. 17.
 Dispensing receptacle. F. J. Venning and C. O. Kendall. 1,907,939; May 9.
 Dispensing receptacle for paper bags. W. Eccardt. 1,918,460; July 18.
 Dispensing receptacle. Paper. C. W. Spain. 1,901,006; Mar. 14.
 Dispensing structure. E. W. Lodge. 1,924,561; Aug. 29

- Dispensing valve. E. F. Leese. 1,939,709; Dec. 19.
Disperse system and making same. H. Kagi. 1,915,891; June 27.
Dispersions, Preparation of. H. A. Limburg. 1,936,250; Nov. 21.
Dispersions, Production of. L. Kollek and F. Pohl. 1,930,853; Oct. 17.
Display advertising board. R. W. Jones and T. R. Miller. Des. 90,077; June 6.
Display and dispensing device. G. G. Dunn. 1,911,678; May 30.
Display and method of packing. J. D. Martin. 1,899,583; Feb. 28.
Display apparatus. H. B. Atwater. 1,913,150; June 6.
Display apparatus. H. Bascom. 1,899,074; Feb. 28.
Display apparatus for bulletin printers. J. W. Long and T. E. Collings. 1,932,977; Oct. 31.
Display board and tray, Combination. E. J. McGarry. Des. 90,119; June 13.
Display box. A. E. Keppeler. 1,909,472-4; May 16.
Display box. R. A. Lambert. 1,934,312; Nov. 7.
Display box. E. G. Levkoff. 1,925,102; Sept. 5.
Display box. E. G. Levkoff. 1,934,362; Nov. 7.
Display box. R. A. Taylor. 1,898,646; Feb. 21.
Display box. W. H. Walker and A. D. Benedict. 1,915,341; June 27.
Display box. J. H. Ware, jr. 1,901,488; Mar. 14.
Display box. L. R. Wilmarth. 1,917,349; July 11.
Display card rack. A. Lewis. 1,912,642-3; June 6.
Display case. C. R. Kirk. Des. 91,138; Dec. 5.
Display case. B. A. Klapper. 1,902,132; Mar. 21.
Display case. N. Owitz. 1,924,371; Aug. 29.
Display case. R. E. Pellow. 1,920,882; Aug. 1.
Display case, Convertible. W. M. Buttrick. 1,899,012; Feb. 28.
Display case, Dehumidifying refrigerating. A. Beaudry. 1,928,243; Sept. 26.
Display case, Illuminated refrigerating. C. E. Wicke. 1,905,775; Apr. 25.
Display case, Refrigerator. F. T. Rodgers. Des. 89,353; Feb. 28.
Display container. C. S. Andrews. 1,930,031; Oct. 10.
Display container. E. H. Ball. 1,930,300; Oct. 10.
Display container. H. Matthews. 1,904,648; Apr. 18.
Display container. C. C. Rossotti. 1,912,310; May 30.
Display container. H. B. Walter. 1,911,215; May 30.
Display device. J. H. Allen. 1,912,117; May 30.
Display device. W. O. Allen. 1,901,717; Mar. 14.
Display device. R. W. Anderson and M. J. Kane. 1,917,005; July 4.
Display device. J. H. Benya. 1,921,113; Aug. 8.
Display device. L. L. Berkowitz. 1,907,716; May 9.
Display device. J. J. Craig. 1,912,513; June 6.
Display device. A. G. Davis. 1,897,652; Feb. 14.
Display device. F. J. Devlin. 1,919,321; July 25.
Display device. H. Ekedahl and O. Berven. 1,933,474; Oct. 31.
Display device. A. F. Fortier. 1,911,075; May 23.
Display device. W. O. Freymann. 1,938,898; Dec. 12.
Display device. J. P. Gleason. 1,898,769; Feb. 21.
Display device. I. G. Haas. 1,927,028; Sept. 19.
Display device. M. B. Jester and A. J. Smith. 1,924,406; Aug. 29.
Display device. J. J. Kaufmann. 1,897,558; Feb. 14.
Display device. L. P. Kongsted. 1,902,331; Mar. 21.
Display device. H. W. Lawrence. 1,940,500; Dec. 19.
Display device. M. Leopold. 1,897,940; Feb. 14.
Display device. A. Lomnitz. 1,915,741; June 27.
Display device. F. Mallgrat. 1,905,395; Apr. 25.
Display device. M. S. Manhard. 1,899,284; Feb. 28.
Display device. M. J. Martell. 1,910,621; May 23.
Display device. R. L. Mason. 1,929,364; Oct. 3.
Display device. E. J. McGarry. Des. 89,908; May 16.
Display device. H. L. Myers. 1,896,677; Feb. 7.
Display device. H. L. Myers. 1,908,999; May 16.
Display device. H. L. Myers. 1,918,712; July 18.
Display device. R. E. Neiffert. 1,924,955; Aug. 29.
Display device. C. J. Quill. 1,906,413; May 2.
Display device. W. B. Rasansky. 1,919,964; May 23.
Display device. F. H. Rasmussen. 1,931,051; Oct. 17.
Display device. A. Rice. 1,898,746; Feb. 21.
Display device. B. Rosenthal. 1,912,041; May 30.
Display device. E. J. Schmidt. 1,913,415; June 13.
Display device. W. E. Schwanhauser. 1,923,398; Aug. 22.
Display device. W. H. Walker. 1,916,647; July 4.
Display device. D. B. Walters. 1,932,494; Oct. 31.
Display device. F. P. Ward. 1,907,630; May 9.
Display device. J. J. Wasser. 1,923,856; Aug. 22.
Display device, Adjustable and reversible. M. M. Friedemann. 1,915,727; June 27.
Display device, Adjustable stepped. M. M. Friedemann. 1,895,283; Jan. 24.
Display device and producing the same, Illuminated changeable. L. J. Higginbotham. 1,899,962; Mar. 7.
Display device, Changeable. N. A. Karlin. 1,923,575; Aug. 22.
Display device for merchandise. H. L. Myers. 1,896,678; Feb. 7.
Display device for motor vehicles. I. Magnani. 1,898,641; Feb. 21.
Display device, Mechanically operated. A. Saeder. 1,928,573; Sept. 26.
Display device, Ornamental. C. T. Wittstein. 1,905,544; Apr. 25.
Display device, Reflective. W. D. MacCourt, T. F. Walsh, and F. H. Rasmussen. 1,901,661; Mar. 14.
Display device, Refrigerated. D. A. Battista. 1,896,693; Feb. 7.
Display device, Terraced. J. Horwath. 1,927,172; Sept. 19.
Display equipment, Rotatable. H. L. and C. R. Jones. 1,936,132; Nov. 21.
Display fixture. H. S. Best. 1,927,010; Sept. 19.
Display fixture. C. A. Brown and R. W. Hoag. 1,912,820; June 6.
Display fixture. L. Horwitz. Des. 90,807; Oct. 3.
Display fixture. G. D. Melaas. 1,941,100; Dec. 26.
Display fixture, Millinery. J. Maas. Des. 89,778; May 2.
Display frame. P. H. Regan. 1,895,818; Jan. 31.
Display frame. C. A. Van Evera. Des. 91,045; Nov. 14.
Display holder. C. T. Fairbanks. 1,922,476; Aug. 15.
Display holder. E. M. Smith. Des. 90,345; July 18.
Display holder, Necktie. C. R. York. 1,901,941; Mar. 21.
Display package and clamp device therefor. P. E. Faust. 1,931,470; Oct. 17.
Display package and container for bait. C. T. Pfueger. 1,932,353; Oct. 24.
Display panel. P. I. Schultz. 1,917,603; July 11.
Display rack. H. S. Best. 1,899,935; Mar. 7.
Display rack. E. F. Connor. 1,931,403; Oct. 17.
Display rack. E. C. Cordes. 1,918,634; July 18.
Display rack. F. F. Dugan and W. S. Campbell. Des. 89,585; Apr. 11.
Display rack. C. J. Eastwood. 1,913,921; June 13.
Display rack. C. H. Holleman. 1,922,892; Aug. 15.
Display-rack. E. Hooker. Des. 90,660; Sept. 12.
Display rack. S. W. Johnson. 1,915,496; June 27.
Display rack. D. L. Lehman. 1,914,138; June 13.
Display rack. H. V. Marsh. 1,902,566; Mar. 21.
Display rack. S. A. Moog. 1,929,602; Oct. 10.
Display rack. S. A. Moog. 1,932,634; Oct. 31.
Display rack. S. A. Moog. 1,938,970; Dec. 12.
Display rack. R. B. Nunnery. 1,903,936; Apr. 18.
Display rack. J. H. Platt. 1,918,056; July 11.
Display rack. N. B. Randall. 1,909,503; May 16.
Display rack. C. Rubenstein. 1,938,466; Dec. 5.
Display rack. A. L. Schario and E. P. Kieswetter. 1,918,871; July 18.
Display rack. C. Seaman. 1,937,132; Nov. 28.
Display rack. W. E. Weeks. Des. 90,902; Oct. 17.
Display rack. E. B. Weston. 1,917,564; July 11.
Display rack and reel. L. A. Macklanburg. 1,924,645; Aug. 29.
Display rack, Collapsible. J. Horwath. 1,927,171; Sept. 19.
Display rack, Merchandise. H. M. Davis. Des. 88,950; Jan. 10.
Display rack, Revolving. M. Stein. 1,908,928; May 16.
Display rack, Upright. W. M. Sample. Des. 89,512; Mar. 21.
Display receiver. H. G. Craig. 1,940,205; Dec. 19.
Display receptacle. C. P. Wellman. 1,932,429; Oct. 31.
Display receptacle. U. K. Johannsen. 1,912,899; June 6.
Display receptacle. B. H. Smith. 1,915,625; June 27.
Display reel for strip material. O. A. Boesel. Des. 90,523; Aug. 22.
Display screen, Portable. B. McCandless. 1,901,182; Mar. 14.
Display sheet-supporting structure. E. R. Campbell. 1,919,830; July 25.
Display sign, Advertising. A. A. Henkel. 1,896,030; Jan. 31.
Display sign, Illuminated. C. J. Wamser. 1,914,932; June 20.
Display sign, Revolving. F. B. Harding and B. L. Palmer. 1,930,048; Oct. 10.
Display stand. W. R. Bertels. 1,929,136; Oct. 3.
Display stand. D. M. Carmichael. 1,894,902; Jan. 17.
Display stand. O. B. Carson. 1,937,142; Nov. 28.
Display stand. L. Ebert. 1,934,846; Nov. 14.
Display stand. C. D. Fallert. 1,916,471; July 4.
Display-stand. E. Gittleman. 1,930,311; Oct. 10.
Display stand. F. Goodman. Des. 90,712; Sept. 19.
Display stand. S. Gordon. Des. 89,463; Mar. 14.
Display stand. J. Gore. 1,918,329; July 18.
Display stand. L. Gottsch. 1,899,954; Mar. 7.
Display stand. R. J. Haug. 1,899,567; Feb. 28.
Display stand. H. Herman. 1,940,909; Dec. 26.
Display stand. R. M. Hernandez. 1,927,283; Sept. 19.
Display stand. O. E. Karnes. 1,905,908; Apr. 25.
Display stand. O. E. Karnes. 1,940,454; Dec. 19.
Display stand. C. E. Little. 1,919,439; July 25.
Display stand. E. J. McGarry. Des. 89,907; May 16.
Display stand. A. A. McMan. Des. 90,038; May 30.
Display stand. W. F. Oxenreiter. 1,940,320; Dec. 19.
Display stand. E. C. Potter. 1,925,673; Sept. 5.
Display stand. R. W. Schwab. Des. 89,214; Feb. 7.
Display stand. H. E. Shaw. Des. 90,566; July 25.
Display stand. H. E. Shaw. Des. 90,511; Aug. 15.
Display stand. E. O. Studel. 1,936,340; Nov. 21.
Display stand. W. R. Tuttle. Des. 89,061; Jan. 17.
Display stand, Adjustable. W. H. Mullins. 1,900,610; Mar. 7.
Display stand and box. E. A. Locke, jr. 1,938,490; Dec. 5.
Display stand, Collapsible. C. C. Nuckols. 1,895,725; Jan. 31.
Display stand, Merchandising. H. S. Morgan. Des. 89,349; Feb. 28.
Display table. E. S. Taylor. 1,902,677; Mar. 21.

- Display unit, Commercial. W. K. Haythorne. Des. 90,367; July 25.
- Display unit for counters and the like. M. J. Matsen. 1,936,458; Nov. 21.
- Displaying machine for showroom, show windows, and the like. A. M. Moore. 1,897,271; Feb. 14.
- Disposal device. S. Hammer. 1,917,298; July 11.
- Dissector target. P. T. Farnsworth. 1,941,344; Dec. 26.
- Dissolver and shifter for optical systems. F. H. Owens. 1,929,988; Oct. 10.
- Dissolver for motion picture cameras. F. H. Owens. 1,936,206; Nov. 21.
- Distance, Measuring. R. W. Hart. 1,924,156; Aug. 29.
- Distance, Measuring. E. Wolf. 1,924,174; Aug. 29.
- Distance measuring apparatus and method, Electrical. P. N. Bossart. 1,940,114; Dec. 19.
- Distance relay for electric lines. J. Stoecklin. 1,905,609; Apr. 25.
- Distances, Determining. K. Eisenzapf. 1,919,015; July 18.
- Distant control for speed varying devices. M. O. Reeves. 1,923,041; Aug. 15.
- Distillates from carbonaceous materials, Obtaining valuable. R. P. Russell. 1,940,648; Dec. 19.
- Distillates from heavy carbonaceous material, Obtaining low-boiling. R. T. Haslam. 1,912,136; May 30.
- Distillates, Refining gasoline-containing. R. B. Day. 1,920,248; Aug. 1.
- Distillates, Refining liquid low boiling. E. B. Miller and G. C. Connolly. 1,939,129; Dec. 12.
- Distillates, Treating cracked. R. E. Burk. 1,919,825; July 25.
- Distillation. E. E. Ayres, jr. 1,926,189; Sept. 12.
- Distillation. K. B. Lacy. 1,914,921; June 20.
- Distillation and carbonization of waste matter, Destructive. O. W. Wahlstrom. 1,898,326; Feb. 21.
- Distillation and the like. F. E. Lichtenthaler. 1,934,674; Nov. 7.
- Distillation apparatus. G. A. Beiswenger. 1,939,382; Dec. 12.
- Distillation apparatus. S. I. Charlesworth and A. W. Harris. 1,933,414; Oct. 31.
- Distillation. Apparatus for high temperature. L. C. Huff. 1,916,319; July 4.
- Distillation, Low temperature. J. N. Vandegrift and C. Postel. 1,916,900; July 4.
- Distillation of tar, Method and apparatus for the. S. P. Miller. 1,919,240; July 25.
- Distillation process. W. Schultze. 1,903,573; Apr. 11.
- Distillation process. V. Voorhees. 1,921,850; Aug. 8.
- Distilling. A. E. Flowers. 1,924,919; Aug. 29.
- Distilling and fractionating apparatus. A. Placek. 1,936,523; Nov. 21.
- Distilling apparatus. W. F. Brace and F. E. Beluche. 1,902,538; Mar. 21.
- Distilling apparatus. H. W. Sheldon. 1,926,116; Sept. 12.
- Distilling apparatus. P. Schlumbohm. 1,893,340; Jan. 3.
- Distilling carbonaceous fuels, Method for destructively. G. Patart. 1,919,253; July 25.
- Distilling system. P. R. Gray. 1,892,764; Jan. 3.
- Distortion correction in wave transmission systems. E. Peterson. 1,927,070; Sept. 19.
- Distortion in repeaters, Eliminating. H. Nyquist. 1,894,322; Jan. 17.
- Distributing device for pneumatic elevators. C. Sands. 1,923,450; Aug. 22.
- Distributing feeder. J. L. Herold and J. W. Dawson. 1,898,662; Feb. 21.
- Distributing lubricator, Progressive. E. L. Sutter. 1,900,745; Mar. 7.
- Distributing machine. J. R. Peirce. 1,930,283; Oct. 10.
- Distributing mechanism of typographical composing and casting machines. J. G. W. Field. 1,928,721; Oct. 3.
- Distributing valve. W. A. Smith, jr. 1,894,799; Jan. 17.
- Distribution fitting, Hot water. R. E. Moore. 1,925,398; Sept. 5.
- Distribution of flowing fluids, Effecting. H. B. Rüder and W. Kopp. 1,923,118; Aug. 22.
- Distribution system. D. D. Chase. 1,894,084; Jan. 10.
- Distribution system. L. H. Perry. 1,920,804; Aug. 1.
- Distributor. W. B. Fiedler. 1,936,710; Nov. 28.
- Distributor. W. A. Tratsch. 1,927,996; Sept. 26.
- Distributor and elevator bar for typographical machines, Interlocking. R. Bartholomew. 1,936,782; Nov. 28.
- Distributor for grading machines. W. R. Johnson. 1,918,398; July 15.
- Distributor for insecticides and the like. T. C. Raley. 1,905,650; Apr. 25.
- Distributor for use in telegraphy and the like. E. K. Sandeman. 1,900,954; Mar. 14.
- Distributor head. F. C. Selleck. 1,920,480; Aug. 1.
- Distributor, Liquid. P. L. A. Thiberge. 1,923,518; Aug. 22.
- Distributor lock. E. R. Mayland and B. L. Jones. 1,911,704; May 30.
- Distributor mechanism. C. A. Mosgrove. 1,940,008; Dec. 19.
- Distributor member for stokers. P. A. Ketchpel. 1,936,197; Nov. 21.
- Distributors, Attachment for fertilizer. T. H. Oppenheim. 1,900,299; Mar. 7.
- Disulphides, Preparing. E. Tschunkur and E. Herdieckerhoff. 1,908,935; May 16.
- Divided filter. W. Leathers. 1,937,766; Dec. 5.
- Divided materials, Process and mechanism for separating intermixed. R. Peale and R. Peale, jr. 1,923,951; Aug. 22.
- Divider. E. B. Weston. 1,912,505; June 6.
- Divider and baller, Combination. S. Schiff. 1,893,845; Jan. 10.
- Divider for drawers. C. B. Cooper. 1,931,891; Oct. 24.
- Divider, Multiple. F. Frankenberg. 1,936,052; Nov. 21.
- Divider, Proportional. C. Cattaneo. 1,901,801; Mar. 14.
- Diving board stand. P. V. Townsend. 1,936,777; Nov. 28.
- Dobbies, Shedding device for. H. Grossmann. 1,921,521; Aug. 8.
- Dobby drive. J. G. Bentley and R. A. Gibbs, jr. 1,923,048; Aug. 15.
- Dobby pattern chain. E. R. Holmes and O. V. Payne. 1,904,312; Apr. 18.
- Dock, Dirigible. E. L. Bowles. 1,918,831; July 18.
- Doctor blade for rolls, cylinders, and the like. O. P. Arnold. 1,933,837; Nov. 7.
- Doctor for paper making and like machines. F. W. Vickery. 1,907,623; May 9.
- Doctor for paper-making and like machines. F. W. Vickery. 1,912,605; June 6.
- Document conveyor for photographic apparatus and control therefor. R. S. Hopkins. 1,912,708; June 6.
- Document photographing apparatus. R. S. Hopkins. 1,900,878; Mar. 7.
- Document record device. E. Greene. 1,897,755; Feb. 14.
- Documents, Apparatus for handling discrete. R. S. Hopkins. 1,908,845; May 16.
- Dog feeding table. H. N. Nunimaker. Des. 89,262; Feb. 14.
- Dog starting apparatus. T. A. Keen. 1,910,252; May 23.
- Dog starting apparatus. T. A. Keen. 1,938,183; Dec. 5.
- Dogging device. F. E. Martin. 1,930,014; Oct. 10.
- Doily. E. Karfil. Des. 89,896; May 16.
- Doll. L. D. Ballew. Des. 90,187; June 27.
- Doll. R. Dumont. Des. 90,575; Aug. 29.
- Doll. H. Harman and R. C. Ising. Des. 89,340; Feb. 28.
- Doll. B. L. Marlin. Des. 90,198; June 27.
- Doll. V. E. McMahan. Des. 90,080-1; June 6.
- Doll. F. M. Schwartz. 1,916,811; July 4.
- Doll. S. M. Sweeney. Des. 89,803; May 2.
- Doll. D. Tuttle. Des. 90,900; Oct. 17.
- Doll. F. Vogl. Des. 90,824; Oct. 3.
- Doll and mouth set for same. S. Marcus. 1,916,578; July 4.
- Doll apparatus, Educational. C. L. Browne. 1,926,139; Sept. 12.
- Doll, Breathing. G. Averill. 1,937,897; Nov. 28.
- Doll, Butterfly. M. Snowman. Des. 89,800; May 2.
- Doll construction. E. G. Schaeffer. 1,938,865; Dec. 12.
- Doll eye mounting. E. G. Schaeffer. 1,938,866; Dec. 12.
- Doll, Hollywood studio. W. H. Sievers. Des. 91,090; Nov. 21.
- Doll or similar article. T. E. Pynn. Des. 91,216; Dec. 19.
- Doll or similar article. J. C. Sheridan. Des. 90,214; June 27.
- Doll, Phonograph. C. L. McDermott. 1,912,291; May 30.
- Doll, Rag. D. Sherrill. Des. 89,359; Feb. 28.
- Dolls and the like, Limb joint for. P. Epstein. 1,939,677; Dec. 19.
- Dolls, Cut-out for. L. E. Booth. Des. 90,014; May 30.
- Doll's eyes. N. Paganello. 1,940,504; Dec. 19.
- Dolly. P. E. Geldhof. 1,937,884; Dec. 5.
- Dolly. E. Karfil. Des. 89,991; May 23.
- Dolly for washing machines. C. C. Unruh. Re18,928; Aug. 29.
- Dome for a liquid dispensing apparatus. C. P. Griffith. Des. 89,696; Apr. 25.
- Dome ring for welded tanks. C. H. Folmsbee. 1,894,679; Jan. 17.
- Domestic appliance. R. L. Lee. 1,894,564; Jan. 17.
- Domestic heater. H. A. Grine. 1,921,871; Aug. 8.
- Door. H. T. Anderson. 1,928,825; Oct. 3.
- Door. M. E. Crume. 1,912,829-30; Jan. 6.
- Door. F. Ditchfield. 1,895,151; Jan. 24.
- Door. J. G. Dudley. 1,919,419; July 25.
- Door. W. J. Koezan. 1,912,846; June 6.
- Door. J. P. McWilliams. 1,938,634; Dec. 12.
- Door. J. S. Murphy. 1,935,887; Nov. 21.
- Door. D. Oliver and M. Pokorny. 1,913,285; June 6.
- Door. A. L. Perrigo. 1,927,294; Sept. 19.
- Door. H. C. Redstone. 1,925,543; Sept. 5.
- Door. G. F. Weizel. 1,919,266; July 25.
- Door. A. B. Winchell. 1,896,691; Feb. 7.
- Door actuating means. H. C. Waldman. 1,906,677; May 2.
- Door actuating mechanism. E. R. Beeman and L. B. Edwards. 1,916,651; July 4.
- Door actuating mechanism, Entrance inclosure. L. G. Jacobson. 1,916,480; July 4.
- Door, Aircraft. C. Rosatelli. 1,896,203; Feb. 7.
- Door and construction of the same, Overhead. J. E. Scott. 1,925,574; Sept. 5.
- Door and gate, Tapered. A. Kindelmann and E. Boecking. 1,930,055; Oct. 10.
- Door and like product, Veneered. E. C. Loetscher. 1,911,374; May 30.
- Door and manufacture. A. R. Welch. 1,909,510; May 16.
- Door and the like, Hospital. L. Atwood. 1,939,159; Dec. 12.
- Door and the like, Insulated. J. A. Will. 1,907,694; May 9.

- Door and transmission device, Freight elevator. J. Beller. 1,936,102; Nov. 21.
- Door and window closer. J. Zielinski and A. Levinson. 1,925,945; Sept. 5.
- Door and window construction. A. P. Ball. 1,905,429; Apr. 25.
- Door and window construction, Automobile. T. W. Holt and R. T. Axe. 1,923,056; Sept. 26.
- Door arrangement, Sliding. P. F. King. 1,901,304; Mar. 14.
- Door, Automatic. F. Kugler, jr. 1,897,311; Feb. 14.
- Door, Automatically operated elevator. G. K. Hearn, P. B. Barton, and W. F. Eames. 1,934,500; Nov. 7.
- Door, Automobile. B. M. Calvert. Des. 89,435; Mar. 14.
- Door, Base. F. W. Hvoslef. 1,914,372; June 20.
- Door, Box car. O. E. Raaen. 1,893,105; Jan. 3.
- Door bumper and the like. I. D. Perry. 1,931,770; Oct. 24.
- Door call. E. A. Hoag. 1,905,937; Apr. 25.
- Door, Car. H. T. Anderson. 1,896,474; Feb. 7.
- Door, Car. A. Campbell. 1,916,557-8; July 4.
- Door, Car. C. E. Eklind and K. J. Tobin. 1,918,253; July 18.
- Door, Car. L. E. Endsley and H. T. Anderson. 1,913,154; June 6.
- Door, Car. F. J. Herter. 1,913,964; July 18.
- Door, Cast steel bottom drop. J. A. Lamont and F. A. Lorenz, jr. 1,902,868; Mar. 28.
- Doorcheck. E. S. Burdick and C. R. Thomson. 1,937,685; Dec. 5.
- Doorcheck. G. A. Carlson. 1,931,178; Oct. 17.
- Doorcheck. B. Caroselli. 1,910,883; May 23.
- Doorcheck. W. F. Foster. 1,899,266; Feb. 28.
- Doorcheck. L. N. Hoffman. 1,916,571; July 4.
- Door check. L. L. Levene. 1,919,338; July 25.
- Doorcheck. W. F. Moore. 1,929,251; Oct. 3.
- Doorcheck. H. G. Simmons. 1,931,271; Oct. 17.
- Doorcheck, Air. L. C. Norton. 1,899,716; Feb. 28.
- Door check and control device therefor. C. T. Rogers. 1,892,811; Jan. 3.
- Doorcheck, Concealed. A. H. T. Williams. 1,897,351; Feb. 14.
- Doorcheck, Dry. J. Welton. 1,918,879; July 18.
- Doorcheck for vending machines. T. F. Early. 1,899,024; Feb. 28.
- Doorcheck means. G. Madland. 1,895,856; Jan. 31.
- Doorcheck structure. A. White. 1,934,288; Nov. 7.
- Door cleaner. C. B. Sherrill and W. D. Gerstell. 1,916,021; June 27.
- Door closer. W. F. Foster. 1,905,972; Apr. 25.
- Door closer. M. Kushner. 1,911,369; May 30.
- Door closer. R. S. Potter. 1,926,558; Sept. 12.
- Door closer. J. Sjöström. 1,908,870; May 16.
- Door closer and check. F. C. Garrison. 1,921,314; Aug. 8.
- Door closer and check. C. E. Nabb. 1,934,554; Nov. 7.
- Door closer and check, Concealed. G. H. Anderson. 1,898,609; Feb. 21.
- Door closer and electric interlock. T. Brady. 1,939,200; Dec. 12.
- Door closer, Automatic. J. W. Keller and H. O. Border. 1,908,706; May 16.
- Door closer valve. R. S. Potter. 1,926,559; Sept. 12.
- Door closure. O. C. Johnson. 1,917,127; July 4.
- Door, Coke oven. E. Wolff. 1,908,467; May 9.
- Door, Coke oven. E. Wolff. 1,908,501; May 9.
- Door construction. M. L. Cornell. 1,919,685; July 25.
- Door construction. C. E. Dath. 1,914,559; June 20.
- Door construction. C. G. Johnson and H. C. Blodgett. 1,922,370; Aug. 15.
- Door construction. R. W. Jones. 1,934,544; Nov. 7.
- Door construction. W. A. Meadows. 1,932,115; Oct. 24.
- Door construction. E. P. Schwarz. 1,892,708; Jan. 3.
- Door construction. S. K. Smith. 1,900,079; Mar. 7.
- Door construction, Car. J. F. O'Connor. 1,908,532; May 9.
- Door construction, Car. K. J. Tobin. 1,925,736; Sept. 5.
- Door construction, Car. K. J. Tobin and W. A. Beauchamp. 1,911,977; May 30.
- Door construction, Car. K. J. Tobin and W. W. Darrow. 1,918,858; June 6.
- Door construction, Car. K. J. Tobin, J. P. McWilliams, and C. H. Williamson. 1,936,000; Nov. 21.
- Door construction, Car. K. J. Tobin and A. Wasberg. 1,921,644; Aug. 8.
- Door construction for railway cars, Side. G. G. Gilpin. 1,923,784; Aug. 22.
- Door construction, House car. F. Ditchfield. 1,935,768; Nov. 21.
- Door construction, Metal. F. Ditchfield. 1,902,546; Mar. 21.
- Door construction, Oven. C. H. and R. F. Hoffstetter. 1,922,587; Aug. 15.
- Door construction, Overhead. C. C. Moler. 1,908,165; May 9.
- Door construction, Railway car side. G. G. Gilpin. 1,923,783; Aug. 22.
- Door construction, Vehicle. G. Trautvetter. 1,920,816; Aug. 1.
- Door control. D. H. Johnson. 1,915,422; June 27.
- Door control device, Garage. E. S. Bagley. 1,900,901; Mar. 14.
- Door control, Dual. W. H. Flewell. 1,900,176; Mar. 7.
- Door control, Elevator. L. Torch. 1,899,368; Feb. 28.
- Door control equipment. J. C. McCune. 1,919,443; July 25.
- Door control means for elevators. H. W. Shonnard and H. J. Fear. 1,909,131; May 16.
- Door-control means, Overhead. H. C. Blodgett. 1,933,700; Nov. 7.
- Door control mechanism. H. H. Marshall. 1,924,450; Aug. 29.
- Door control mechanism. S. P. Wiegner. 1,897,350; Feb. 14.
- Door controlling means. A. Rush. 1,938,978; Dec. 12.
- Door dovetail. A. P. Ball and W. E. Hann. 1,918,170; July 11.
- Door dovetail. H. T. Thomas. 1,910,372; May 23.
- Door, Dump car. W. H. Mussey and J. R. Rudolph. 1,896,367; Feb. 7.
- Door elevating arrangement. C. Lute. 1,901,758; Mar. 14.
- Door elevating construction. T. Madland. 1,898,582; Feb. 21.
- Door elevating construction. A. Wasberg. 1,897,563; Feb. 14.
- Door elevating mechanism. G. Madland. 1,896,636; Feb. 7.
- Door elevating mechanism, Car. T. Madland. 1,898,583; Feb. 21.
- Door, Elevator. C. Woodruff. 1,917,415; July 11.
- Door fastener. M. Jensen. 1,921,189; Aug. 8.
- Door fitting. W. A. Thor. 1,896,333; Feb. 7.
- Door fixture, Railway car. G. G. Gilpin. 1,902,772; Mar. 21.
- Door, Flush. W. P. Murphy. 1,919,702; July 25.
- Door, Folding. L. J. Backes. 1,893,263; Jan. 3.
- Door, Folding. H. H. Porter, jr. 1,934,089; Nov. 7.
- Door, Folding. B. J. Triller. 1,937,730; Dec. 5.
- Door for cars, Grain. F. Ditchfield. 1,902,545; Mar. 21.
- Door for cash protectors. E. E. Bell. 1,916,406; July 4.
- Door for coke ovens. E. Lecoq. 1,915,937; June 27.
- Door for combustion chambers, Explosion safety. A. Machl. 1,934,438; Nov. 7.
- Door for furnaces, Discharge. E. H. Ray. 1,923,886; Aug. 22.
- Door for glass tanks. J. H. Ritter. 1,911,394; May 30.
- Door for power shovels, Classifying. W. A. Erickson. 1,935,288; Nov. 14.
- Door for railway cars, Hinged. G. G. Gilpin. 1,907,059-61; May 2.
- Door for railway cars, Side. A. Campbell. 1,916,559; July 4.
- Door for railway cars, Steel slide. J. J. Tatum. 1,914,053; June 13.
- Door for silos. A. P. Alger. 1,936,568; Nov. 28.
- Door for stock cars. C. E. Eklind and K. J. Tobin. 1,925,375; Sept. 5.
- Door frame. O. E. Zenker. 1,932,300; Oct. 24.
- Door frame construction. A. G. W. Wedberg. 1,895,358; Jan. 24.
- Door frame, Making a three-piece. L. D. Bedell and E. A. Wheaton. 1,915,398; June 27.
- Door, Freight car. W. P. Murphy. 1,923,791; Aug. 22.
- Door, Full collapsible panicproof. B. H. Uhrich. 1,915,172; June 20.
- Door, Furnace. H. B. Seery. 1,893,449; Jan. 3.
- Door, gate, or partition, Sliding. J. M. Kirkpatrick. 1,896,748; Feb. 7.
- Door, Grain. J. H. Edwards. 1,908,693; May 16.
- Door, Grain. W. A. Howard. 1,927,982; Sept. 26.
- Door, Grain. F. E. Hummel and A. W. Foley. 1,895,625; Jan. 31.
- Door, Grain. M. Lindsay. 1,931,261; Oct. 17.
- Door, Grain. A. Mahannah. 1,900,244; Mar. 7.
- Door guide structure. D. E. Willard. 1,925,473; Sept. 5.
- Door handle. C. H. Root. 1,910,125; May 23.
- Door handle. F. Steele. 1,907,128; May 2.
- Door hanger. P. L. Hoffman. 1,931,796; Oct. 24.
- Door hanger. F. E. Howard. 1,901,648; Mar. 14.
- Door hanger. W. A. Newman. 1,938,926; Dec. 12.
- Door hanger for box cars or the like. D. M. Bennett. 1,930,379; Oct. 10.
- Door, Hanging. B. Hall. 1,903,379; Apr. 4.
- Door hanging and securing means. J. H. Stewart. 1,908,929; May 16.
- Door hanging equipment. T. Brady. 1,907,144; May 2.
- Door hinge. E. Bommer. 1,904,120; Apr. 18.
- Door hinge. M. Hiraoka. 1,927,778; Sept. 19.
- Door hinge. E. E. Shively. 1,893,450; Jan. 3.
- Door hinge, Adjustable. M. F. Swerer. 1,900,081; Mar. 7.
- Door holder. L. N. Hoffman. 1,927,264; Sept. 19.
- Door holder. H. G. Voight. 1,916,399; July 4.
- Door holder and closer, Emergency. N. B. Hurd. 1,925,386; Sept. 5.
- Door holder and closer, Safety. N. B. Hurd. 1,925,387; Sept. 5.
- Door holder, Releasable. N. B. Hurd. 1,912,206; May 30.
- Door holding device. A. E. More. 1,898,562; Feb. 21.
- Door holding device. F. M. Roehl. 1,937,670; Dec. 5.
- Door insertion with name plate. P. Hofer. 1,911,825; May 30.
- Door jamb and trim, Combined metal. J. S. Mills. 1,919,071; July 18.
- Doorknob lock. H. L. Arste. 1,899,380; Feb. 28.
- Doorlatch. E. J. Cook. 1,904,970; Apr. 18.
- Doorlatch. G. B. Dorey. 1,934,917; Nov. 14.
- Doorlatch. A. V. Henst. 1,899,686; Feb. 28.
- Doorlatch. A. R. Lindsay. 1,896,907; Feb. 7.

- Doorlatch. R. Marple and A. F. Baker. 1,923,679; Aug. 22.
- Doorlatch. D. Miller. 1,909,210; May 16.
- Doorlatch. B. P. Nunn. 1,927,948; Sept. 26.
- Doorlatch. I. T. Quarntrom. 1,898,975; Feb. 21.
- Doorlatch. C. P. Quigley. 1,922,455; Aug. 15.
- Door latch. E. W. Reynolds. 1,937,845; Dec. 5.
- Doorlatch. H. W. Rightmyer. 1,911,648; May 30.
- Doorlatch. H. W. Rightmyer. 1,922,261; Aug. 15.
- Doorlatch. H. W. Rightmyer. 1,923,688; Aug. 22.
- Doorlatch. F. Schmidgall. 1,911,929; May 30.
- Doorlatch. Car. R. A. Schaaf. 1,917,159; July 4.
- Doorlatch construction. W. C. Devereaux. 1,899,317; Feb. 28.
- Doorlatch construction. W. C. Devereaux. 1,917,437; July 11.
- Doorlatch construction. W. C. Devereaux. 1,939,542; Dec. 12.
- Doorlatch, Elevator. W. A. Hutton. 1,898,450; Feb. 21.
- Doorlatch mechanism. W. C. Devereaux. 1,917,438; July 11.
- Doorlatch, Refrigerator. J. F. Millar and A. N. Hornung. 1,910,029; May 23.
- Doorlatch, Sliding. L. M. Sadler. 1,894,913; Jan. 17.
- Doorlatch, Switchboard. H. H. Ide. 1,894,824; Jan. 17.
- Door-latching device. Fire escape. L. B. Webster. 1,935,001; Nov. 14.
- Doorlock. S. H. Burton. 1,903,284; Apr. 4.
- Door lock. W. A. Endter. 1,902,628; Mar. 21.
- Doorlock. H. M. Foster. 1,940,082; Dec. 19.
- Doorlock. H. J. Hendrick. 1,932,733; Oct. 31.
- Doorlock. J. and C. Hillgren. 1,916,266; July 4.
- Doorlock. J. R. Hughes. 1,923,149; Aug. 22.
- Doorlock. M. Martinek. 1,933,865; Nov. 7.
- Doorlock. K. C. McGee. 1,897,706; Feb. 14.
- Doorlock. W. V. Parr, C. A. Love, and J. J. Barnes. 1,904,748; Apr. 18.
- Doorlock. J. A. Rymer. 1,919,750; July 25.
- Door lock. J. A. Rymer. 1,940,018; Dec. 19.
- Doorlock. W. R. Schlage. 1,918,719; July 18.
- Doorlock actuating mechanism. C. J. Ulrich. 1,901,541; Mar. 14.
- Doorlock and keeper plate. F. C. Bager. 1,909,603; May 16.
- Door lock and latch, Automatic. O. V. Tull. 1,939,028; Dec. 12.
- Doorlock, Automobile. J. B. Coffron. 1,908,958; May 16.
- Doorlock, Cold storage. C. J. Anderson. 1,924,898; Aug. 29.
- Doorlock, Cylinder-knob. A. C. Lyons and G. N. Mason. 1,930,651; Oct. 17.
- Doorlock, Electric. F. Beal. 1,901,721; Mar. 14.
- Doorlock for automobiles. T. F. Koenig. 1,935,880; Nov. 21.
- Doorlock for street cars, motor busses, and ships. W. Biron. 1,934,584; Nov. 7.
- Doorlock handle. P. W. Sullivan. 1,899,996-7; Mar. 7.
- Doorlock mechanism, Electrically operated. R. M. Hyla. 1,924,940; Aug. 29.
- Door lock. Panic-release. G. Radke and S. Schlaun. 1,941,225; Dec. 26.
- Doorlock, Rotary bolt. W. A. Endter. 1,902,547; Mar. 21.
- Doorlock, Safety. R. E. MacBeth and S. Yeager. 1,909,697; May 16.
- Doorlock, Show case sliding. E. J. Vogt. 1,907,625; May 9.
- Door locking arrangement. E. Vigeant. 1,929,223; Oct. 3.
- Doorlocking system, Automobile. F. Beal. 1,901,548; Mar. 14.
- Doormat. D. New. 1,935,517; Nov. 14.
- Door mechanism. C. Norton. 1,911,643; May 30.
- Door mechanism for railway cars. W. E. Wine and B. W. Kadl. 1,904,023; Apr. 18.
- Door mechanism, Garage. E. E. Gustavson. 1,926,380; Sept. 12.
- Door mechanism, Rolling. H. G. Kelly. 1,897,391; Feb. 14.
- Door mechanism, Rolling. H. G. Kelly. 1,921,193; Aug. 8.
- Door mechanism, Swinging. E. L. Shaffer. 1,915,205; June 20.
- Door mechanism, Yielding. H. F. Flowers. 1,921,917; Aug. 8.
- Door, Metal. J. H. Guss. 1,936,800; Nov. 21.
- Door, Mine. B. Cooke. 1,903,384; Apr. 4.
- Door mount for accessory equipment of motor vehicles. J. G. Deitz. 1,905,623; Apr. 25.
- Door mounting and latching means therefor. A. I. Epton and M. W. Feldman. 1,933,009; Oct. 31.
- Door mounting for safes. C. Shulte. 1,909,849; May 16.
- Door moving and locking mechanism for tabernacle safes and the like. H. P. Mertel. 1,907,851; May 9.
- Door of composite fibrous construction. E. C. Loetscher. 1,908,263; May 9.
- Door opening apparatus, Automatic. C. E. Ellis, jr., and H. V. McCormick. 1,934,590; Nov. 7.
- Door opening device, Garage. C. G. Clussman. 1,931,404; Oct. 17.
- Door opening mechanism, Garage. A. F. Foote. 1,935,315; Nov. 14.
- Door operating and controlling mechanism. L. L. Steindler and C. B. Waters. 1,938,502; Dec. 5.
- Door operating and locking means. Garage. O. Hebert and R. Drouin. 1,931,727; Oct. 24.
- Door operating apparatus. H. R. Crago. 1,929,273; Oct. 3.
- Door operating device. C. R. Hill. 1,896,818; Feb. 7.
- Door operating device, Elevator. H. V. McCormick. 1,909,064; May 16.
- Door operating means. G. M. French. 1,915,600; June 27.
- Door operating means. K. Salmen and E. A. Pearson. 1,919,864; July 25.
- Door operating mechanism. J. E. Bancroft. 1,920,835; Aug. 1.
- Door operating mechanism. E. R. Beeman and L. B. Edwards. 1,916,652; July 4.
- Door-operating mechanism. E. R. Beeman and L. B. Edwards. 1,940,485; Dec. 19.
- Door operating mechanism. C. E. Dath. 1,925,234; Sept. 5.
- Door operating mechanism. W. J. Ellis. 1,918,091; July 11.
- Door operating mechanism. C. W. Horton. 1,903,182; Mar. 28.
- Door operating mechanism. E. W. Larsen. 1,921,415; Aug. 8.
- Door operating mechanism. C. S. Pidgeon. 1,918,054; July 11.
- Door operating mechanism. G. D. Rodgers, jr. 1,935,101; Nov. 14.
- Door operating mechanism. M. W. Talen. 1,909,024; May 16.
- Door operating mechanism. M. W. Talen. 1,921,849; Aug. 8.
- Door operating mechanism. M. W. Talen. 1,932,198-9; Oct. 24.
- Door operating mechanism, Elevator. H. V. McCormick. 1,909,063; May 16.
- Door operating mechanism, Elevator. H. V. McCormick. 1,937,029; Nov. 28.
- Door operating mechanism, Elevator. M. W. Talen. 1,927,559; Sept. 19.
- Door operating mechanism for garages. M. F. Feery. 1,925,315; Sept. 5.
- Door operating mechanism, Garage. M. W. Hawks. 1,933,904; Nov. 7.
- Door-operating system, Elevator. H. V. McCormick. 1,906,703; May 2.
- Door operator. E. H. Lehman. 1,930,685; Oct. 17.
- Door or panel construction, Metallic. F. J. Matchette. 1,930,366; Oct. 10.
- Door or screen and fastening means. C. H. Nordell. 1,895,553; Jan. 31.
- Door, or the like, Manually adjustable ventilating. L. A. Murray. 1,939,312; Dec. 12.
- Door, Overhead garage. W. D. Ferris. 1,926,671; Sept. 12.
- Door, Overhead garage. W. D. Ferris. 1,932,515; Oct. 31.
- Door panel construction. B. J. Triller. 1,919,311; July 25.
- Door, Pass-type elevator. R. S. Peelle. 1,904,010; Apr. 18.
- Door post, Automobile box car. D. E. Conrad and V. V. Baldwin. 1,914,194; June 13.
- Doorpost for railway cars. W. F. Kiesel, jr. 1,937,088; Nov. 28.
- Door, Pressed metal vehicle. J. Ledwinka. 1,913,400; June 13.
- Door, Railway car metal. H. H. Henricks. 1,922,042; Aug. 15.
- Door, Receding compartment. G. W. Isley. 1,895,415; Jan. 24.
- Door, Refrigerator. G. C. Bohn. 1,923,701; Aug. 22.
- Door, Refrigerator. J. P. Clarkin. 1,910,822; May 23.
- Door, Refrigerator. J. R. Replogle. Des. 89,536; Mar. 21.
- Door, Refrigerator car. J. F. O'Connor. 1,921,578; Aug. 8.
- Door release mechanism, Automatic. M. Kirnbauer. 1,918,847; July 18.
- Door retainer. J. J. Seitz. 1,895,525; Jan. 31.
- Door, Revolving. J. J. Dolezal. 1,938,279; Dec. 5.
- Door, Revolving. F. W. Johnson. 1,920,397; Aug. 1.
- Door, Screen. F. G. Hanson. 1,911,275; May 30.
- Door, Sectional. C. E. Paget. 1,903,065; Mar. 28.
- Door, Self-closing. M. Cope and E. W. Paulson. 1,915,595; June 27.
- Door separator and track for door runways in display cases. A. Voigt. 1,934,834; Nov. 14.
- Doorsill or the like, Sectional. F. W. Reber. 1,910,260; May 23.
- Door sill protective device, Elevator. C. T. Westlin. 1,912,557; June 6.
- Door, sluice gate, and the like, Bulkhead. A. L. Ash and W. P. Watkins. 1,935,005; Nov. 14.
- Door, Soundproof. B. E. Balduf. 1,931,125; Oct. 17.
- Doorstop and stringer. W. C. Meredith. 1,925,642; Sept. 5.
- Doorstop. E. L. Chisling. 1,929,623; Oct. 10.
- Doorstop. C. W. Halsey. 1,920,693; Aug. 1.
- Doorstop. L. E. Hasselberger. 1,921,568; Aug. 8.
- Doorstop. R. L. Johnson. 1,937,085; Nov. 28.
- Doorstop. B. W. Moser. 1,939,402; Dec. 12.
- Doorstop. W. E. Weener. 1,918,072; July 11.
- Doorstop. H. M. Whitcomb. 1,898,472; Feb. 21.
- Door structure. S. Madsen. 1,939,999; Dec. 19.
- Door structure for tubs and the like, Sliding. J. N. White. 1,935,003; Nov. 14.

- Door structure, Sliding. E. A. Le Beau. 1,935,882; Nov. 21.
- Door switch or the like. H. A. Douglas. 1,919,210; July 25.
- Door tightener, Automatic. R. Boggs. 1,900,328; Mar. 7.
- Door trim and means to detachably secure the same in place. O. J. Gregg. 1,926,673; Sept. 12.
- Door unit, Dumbwaiter. J. A. Schweig. 1,913,725; June 13.
- Door, Vault frame. C. F. Meilink and K. C. Weatherby. 1,913,716; June 13.
- Door, Vehicle. M. Lassinsky. 1,918,475; July 18.
- Door, window, or gate operating device, Automatic. J. L. Christenson. 1,900,009; Mar. 7.
- Doors, Apparatus for reinforcing. A. E. Wood. 1,923,961; Aug. 22.
- Doors, Attachment for. H. F. Keil. 1,901,303; Mar. 14.
- Doors for cars, Grain. F. Ditchfield. 1,902,544; Mar. 21.
- Doors, Hanging of. F. J. Kubler. 1,934,074; Nov. 7.
- Doors, Manufacturing metallic. H. G. Woehler. 1,898,417; Feb. 21.
- Doors, Mechanism for operating elevator. C. Norton. 1,902,138; Mar. 21.
- Doors of elevator installations, Method of and apparatus for operating the. F. A. Boedter. 1,911,792; May 30.
- Doors, Strike plate construction for. H. B. Herdeg. 1,913,444; June 13.
- Dormer for arched buildings, Exit. J. G. Shodron and C. S. Wandschneider. 1,925,284; Sept. 5.
- Dotter attachment. E. R. C. Coe and W. F. Cassidy, jr. 1,915,291; June 27.
- Double acting engine. W. E. Goldsborough. 1,908,289; May 9.
- Double acting engine. A. J. Paige. 1,932,142; Oct. 24.
- Double brush holder. J. L. Burnham. 1,936,422; Nov. 21.
- Double check valve. L. J. Towne. 1,894,603; Jan. 17.
- Double dashboard. O. M. Nacker. 1,927,320; Sept. 19.
- Double deck spring. P. H. Deamer and J. Landolt. 1,926,085; Sept. 12.
- Double disconnect switch. A. Alsaker and E. S. Corneliusen. 1,923,805; Aug. 22.
- Double faced sign. F. Hotchner. 1,918,616; July 18.
- Double jaw trap, Selective. J. D. Zahm. 1,916,876; July 4.
- Double limit switch. M. E. Henning. 1,935,029; Nov. 14.
- Double reduction one-pass. J. McCulloch. 1,928,227; Sept. 26.
- Double-row roller bearing. S. G. Wingquist. 1,914,548; June 20.
- Double-row roller bearing. S. G. Wingquist. 1,918,677; July 18.
- Double tool holder. G. Weber. 1,907,632; May 9.
- Double walled container. W. J. Podbielniak. 1,935,888; Nov. 21.
- Double window or window ventilator. W. H. Kohler. 1,924,284; Aug. 29.
- Doubling and twisting machine. P. J. Thomas. 1,938,504; Dec. 9.
- Dough and bread, Making. G. Török and G. Becze. 1,894,135; Jan. 10.
- Dough, Apparatus for dividing. J. Garvey. 1,898,175; Feb. 21.
- Dough blender. C. M. Bricker. 1,919,006; July 18.
- Dough cutter. I. S. Mosher. 1,937,904; Dec. 5.
- Dough divider. W. G. Kirchhoff. 1,899,238; Feb. 28.
- Dough divider. W. F. Petersen and F. A. Hoppe. 1,926,061; Sept. 12.
- Dough divider with compartment disk. E. Lorch. 1,934,549; Nov. 7.
- Dough for baking, Preparing yeast raised. H. Jung. 1,922,096; Aug. 15.
- Dough, Mixing. F. X. and E. J. Lauterbur. 1,907,836; May 9.
- Dough molding machine. F. X. and E. J. Lauterbur. 1,895,634; Jan. 31.
- Dough, Packaging. C. Lorber. 1,904,741; Apr. 18.
- Dough processing mechanism. G. H. Ekstedt. 1,929,919; Oct. 10.
- Dough product. V. De Palo. Des. 91,058; Nov. 21.
- Dough product. A. Ronzoni. Des. 90,339; July 18.
- Dough product. A. Ronzoni. Des. 90,509; Aug. 15.
- Dough proofing device. S. Schiff. 1,899,246; Feb. 28.
- Dough proving apparatus. J. E. Wilson, S. McConnell, and C. Brown. 1,897,352; Feb. 14.
- Dough rolling machine. D. W. Smith. 1,921,268; Aug. 8.
- Dough twisting or braiding machine. T. Fitzgerald. 1,906,847; May 2.
- Dough working apparatus. W. G. Kirchhoff. 1,931,614; Oct. 24.
- Doughnut machine. W. Belshaw. 1,909,449; May 16.
- Doughnut machine and the like. C. E. Carpenter. 1,902,058; Mar. 21.
- Doughnut machine and the like. C. E. Carpenter. 1,909,570; May 16.
- Doughnut mix. A. J. Shroyer. 1,929,829; Oct. 10.
- Doughnut turner. J. B. Pieri. 1,918,287; July 18.
- Doughnuts and the like, Method of and apparatus for cooking. H. T. Hunter. 1,927,786; Sept. 19.
- Dovetail. W. Stutson. 1,893,639; Jan. 10.
- Dovetail and door bumper, Combination. H. B. Haskins and E. G. Simpson. 1,903,365; Apr. 4.
- Dowel bar device. W. C. Burrell. 1,894,395; Jan. 17.
- Dowel for timber bonds, Annular. J. Seger. 1,902,380; Mar. 21.
- Dowel machine. F. J. Kistner. Des. 89,897; May 16.
- Dowel pin. H. F. Howard. 1,914,507; June 20.
- Dowel pinning machine. A. R. Welch. 1,909,791; May 16.
- Doweling machine. H. W. Russ. 1,895,106; Jan. 24.
- Down draft plumber's furnace. W. J. Collison. 1,919,093; July 18.
- Draft and buffer gear. H. J. Lounsbury. 1,938,704; Dec. 12.
- Draft and damper control. L. M. Persons. 1,933,929; Nov. 7.
- Draft appliance. R. E. Choate. 1,893,983; Jan. 10.
- Draft appliance for agricultural machinery and implements. S. A. Simmons. 1,938,938; Dec. 12.
- Draft appliance for railway cars. W. J. Regan. 1,908,541; May 9.
- Draft appliance for railway cars. W. J. Regan and E. George, jr. 1,899,482; Feb. 28.
- Draft connection. W. L. Paul. 1,940,061; Dec. 19.
- Draft control and dust separator. I. T. Martin. 1,900,065; Mar. 7.
- Draft control apparatus. R. W. Hambrick. 1,927,606; Sept. 19.
- Draft control apparatus for furnaces. R. MacDougall. 1,921,763; Aug. 8.
- Draft control system. T. A. Peebles. 1,915,101; June 20.
- Draft control system and device. C. F. Germeyer. 1,910,949; May 23.
- Draft controller. A. M. Wilkins. 1,900,214; Mar. 7.
- Draft device. A. F. Morris. 1,904,163; Apr. 18.
- Draft diverter, Down. W. M. Berry and F. E. Wood. 1,925,744; Sept. 5.
- Draft equalizer, Five-horse. S. E. Bailor. 1,915,145; June 20.
- Draft gauge. L. M. Ellison. 1,919,713; July 25.
- Draft gear. L. M. Clark. 1,940,446; Dec. 19.
- Draft gear. W. E. Gray. 1,924,604; Aug. 29.
- Draft gear. E. H. Schmidt. 1,909,380; May 16.
- Draft gear. E. H. Schmidt. 1,937,791; Dec. 5.
- Draft gear. E. H. Schmidt and H. L. Spence. 1,913,414; June 13.
- Draft gear. D. F. Sproul. 1,914,051; June 13.
- Draft gear. D. F. Sproul. 1,921,045-46; Aug. 8.
- Draft gear. H. E. Tucker. 1,930,701; Oct. 17.
- Draft gear support. A. F. O'Connor. 1,921,696; Aug. 8.
- Draft key retainer. I. C. Hicks. 1,925,923; Sept. 5.
- Draft or coupling device. G. H. Sterling. 1,899,597; Feb. 28.
- Draft regulator. O. L. Bock. 1,911,941; May 30.
- Draft regulator. E. F. Goebel. 1,935,795; Nov. 21.
- Draft regulator. E. S. Hayne. 1,900,340; Mar. 7.
- Draft regulator. C. H. Morrow. 1,905,734; Apr. 25.
- Draft regulator. E. E. Randall. 1,895,554; Jan. 31.
- Draft regulator. E. J. Sourber. 1,928,272; Sept. 26.
- Draft regulator, Automatic. L. F. Spear. 1,929,758; Oct. 10.
- Draft rigging. D. S. Barrows. 1,902,299; Mar. 21.
- Draft rigging. D. S. Barrows. 1,923,045-6; Aug. 15.
- Draft rigging. D. S. Barrows. 1,925,998; Sept. 5.
- Draft rigging. D. S. Barrows. 1,929,943; Oct. 10.
- Draft rigging. D. S. Barrows. 1,931,523; Oct. 24.
- Draft rigging. D. S. Barrows. 1,934,030; Nov. 7.
- Draft rigging. D. S. Barrows. 1,935,466; Nov. 14.
- Draft rigging. D. S. Barrows. 1,940,238; Dec. 19.
- Draft rigging. G. F. Couch. 1,932,814; Oct. 31.
- Draft rigging. G. F. Couch. 1,934,041; Nov. 7.
- Draft rigging. C. E. Dath. 1,917,874; July 11.
- Draft rigging. J. E. Echols and P. G. Stultz. 1,933,666; Nov. 7.
- Draft rigging. J. D. Fenstermacher and B. B. Sumner. 1,937,817; Dec. 5.
- Draft rigging. B. W. Kadel. 1,922,300; Aug. 15.
- Draft rigging. J. H. Link. 1,919,736; July 25.
- Draft rigging. J. H. Link. 1,930,057; Oct. 10.
- Draft rigging. J. H. Link. 1,936,908; Nov. 28.
- Draft rigging. H. J. Lounsbury. 1,935,804; Nov. 21.
- Draft rigging. M. H. Martin. 1,930,529; Oct. 17.
- Draft rigging, Adjustable. W. T. Stephens. 1,914,963; June 20.
- Draft rigging backstop. D. S. Barrows. 1,902,300; Mar. 21.
- Draft rigging for railway cars. H. E. Van Dorn. 1,914,469; June 20.
- Draft rigging, Friction. G. W. Wildin. 1,917,626; July 11.
- Draft rigging, Railway. W. A. Geiger. 1,902,636; Mar. 21.
- Draft rigging, Railway. S. B. Haseltine. 1,922,732; Aug. 15.
- Draft rigging, Railway. S. B. Haseltine. 1,940,670; Dec. 26.
- Draft rigging, Railway. H. J. Lounsbury. 1,916,846; July 4.
- Draft rigging, Railway. J. F. O'Connor. 1,939,826; Dec. 19.
- Draft rigging, Railway. J. F. O'Connor. 1,940,765; Dec. 26.
- Draft roll. E. J. Abbott. 1,936,443; Nov. 21.
- Draft tube. H. B. Taylor. 1,897,502; Feb. 14.
- Draft yoke. H. H. Wolfe. 1,933,200; Oct. 31.
- Drafting apparatus. R. H. Sachtler. 1,918,216; July 11.
- Drafting board. H. P. Tevonian. 1,896,923; Feb. 7.
- Drafting instrument. J. V. Koester. 1,902,865; Mar. 28.
- Drafting machine. C. H. Little. 1,909,289-91; May 16.
- Drafting table. D. W. Sherman. 1,902,424; Mar. 21.

- Draftsman's reference table. C. Herder. 1,939,849; Dec. 19.
- Drag bit, Detachable blade. H. J. Hawthorne. 1,919,553; July 25.
- Drag conveyor discharge deflector. W. J. Wright. 1,941,123; Dec. 26.
- Drag-head for dredging machines. M. M. Condon. 1,939,389; Dec. 12.
- Drag link. A. B. Casper. 1,929,807; Oct. 10.
- Drag, Road. A. Johnson. 1,910,290; May 23.
- Dragnet and the like. A. V. A. Robert. 1,908,488; May 9.
- Drain and pipe coupling, Combination. F. H. Bryant. 1,940,742; Dec. 26.
- Drain and waste pipe cleaner. M. Novakovich. 1,925,984; Sept. 5.
- Drain, Back water floor. E. W. N. Boosey. 1,908,819; May 16.
- Drain, Bath tub. F. G. Brotz. 1,931,568; Oct. 24.
- Drain device, Automatic. M. P. Kudolla. 1,907,299; May 2.
- Drain fitting. E. A. Beste. 1,918,515; July 18.
- Drain fitting. F. G. Brotz. 1,937,312; Nov. 28.
- Drain, Floating roof. J. H. Wiggins. 1,897,779; Feb. 14.
- Drain flusher, Pressure plumbing. F. Alonso. 1,925,359; Sept. 5.
- Drain for beds, Sanitary. I. Chalmers. 1,916,039; June 27.
- Drain for sewer filtering plants, Under. H. R. Kimberling. 1,892,842; Jan. 3.
- Drain on window, Sweat. K. A. Weber. 1,896,262; Feb. 7.
- Drain pipe cleaner. N. Einhorn. 1,938,503; Nov. 21.
- Drain, Roof. P. M. Wilcox. 1,918,509; July 18.
- Drain, Surface. M. A. Sisk. 1,910,186; May 23.
- Drain trap. C. W. Anderson. 1,916,911; July 4.
- Drain valve. R. H. George. 1,919,696; July 25.
- Drain valve, Automatic. I. J. McGuire. 1,924,250-1; Aug. 29.
- Drainage device, Air-excluding and automatic. J. P. Jacobsen. 1,922,048; Aug. 15.
- Drainage leaching process, Open. H. E. Keyes. 1,928,728; Oct. 3.
- Drainage system. W. A. Wetmore. 1,927,881; Sept. 26.
- Drainage trap. F. Wallace. 1,935,530; Nov. 14.
- Drainer apparatus. G. D. Gardner. 1,894,738; Jan. 17.
- Drapery. F. McGarry. 1,922,170; Aug. 15.
- Drapery fixture. G. M. Kenney. 1,907,648; May 9.
- Drapery fixture. G. M. Kenney. 1,914,132; June 13.
- Drapery fixture. M. M. Young. 1,933,691; Nov. 7.
- Drapery or the like. M. Sadinoff. Des. 90,457; Aug. 8.
- Drapery suspension device for curtains. G. W. and D. S. Dover. 1,916,719; July 4.
- Draw works for rotary drilling machines. L. J. Black. 1,932,634; Oct. 31.
- Drawbar, Adjustable. E. H. Allen and G. H. Connors. 1,925,904; Aug. 22.
- Drawbar and coupling. W. B. Lyon. 1,896,713; Feb. 7.
- Drawbar construction for mine cars and the like. A. Goletz. 1,917,028; July 4.
- Drawbar device for harrows. L. A. Pazandak. 1,918,213; July 11.
- Draw-bench speed controls. C. Frazier. 1,915,726; June 27.
- Drawgear, Central buffing and. R. L. Whitmore. 1,897,287; Feb. 14.
- Draw gear for railway vehicles, Central buffing and. R. L. Whitmore. 1,897,288; Feb. 14.
- Draw-leaf table. F. B. Walter. 1,916,648; July 4.
- Draw press. R. J. Pardee. 1,911,385; May 30.
- Drawworks. E. E. Greve. 1,918,097; July 11.
- Draw works. V. W. Zillen. 1,920,928; Aug. 1.
- Draw works brake, Rotary. W. B. Kelley. 1,913,838; June 13.
- Draw works, Rotary. D. S. Faulkner and E. Timbs. 1,925,314; Sept. 5.
- Draw works, Rotary. E. Timbs. 1,925,349; Sept. 5.
- Draw works with adjustable jack shaft, Rotary. E. W. Goesser. 1,899,953; Mar. 7.
- Drawer. S. C. Huffman. 1,894,445; Jan. 17.
- Drawer, Air duct register. E. J. Scholtz. 1,911,851; May 30.
- Drawer closure. H. R. Rosendahl. 1,906,723; May 2.
- Drawer construction. W. M. Hanson. 1,900,338; Mar. 7.
- Drawer construction. F. L. G. Straubel. 1,926,503; Sept. 12.
- Drawer, File cabinet. P. A. Wetzel. 1,936,867; Nov. 28.
- Drawer, Filing. J. Adler. 1,913,137; June 6.
- Drawer, Filing. P. A. Mirabella. 1,934,370; Nov. 7.
- Drawer guide. F. Bolhuis. 1,896,346; Feb. 7.
- Drawer guide. G. H. Ziehl. 1,902,748; Mar. 21.
- Drawer, Knock-down. B. E. Richardson. 1,936,733; Nov. 28.
- Drawer manifold device, Cash. J. Q. Sherman and A. W. Metzner. 1,921,890; Aug. 8.
- Drawer partition. C. R. Thomas, jr., and B. Wich. 1,893,186; Jan. 3.
- Drawer pull. I. S. Keeler. 1,940,307; Dec. 19.
- Drawer pull. R. H. Soper. 1,897,080; Feb. 14.
- Drawer slide. J. Pipe. 1,926,453; Sept. 12.
- Drawer structure. E. P. Hamilton. 1,905,857; Apr. 25.
- Drawer structure, Safety cash. O. A. Jacobson. 1,926,809; Sept. 12.
- Drawer suspension. C. F. Wolters. 1,902,795; Mar. 21.
- Drawing board. A. W. Kenfell. 1,904,899; Apr. 18.
- Drawing board. F. W. Wilhelm. 1,898,514; Feb. 21.
- Drawing board. W. E. Yaxley. 1,906,300; May 2.
- Drawing device. W. J. Copp. 1,934,969; Nov. 14.
- Drawing die. F. Kornbrath. 1,922,770; Aug. 15.
- Drawing die. A. Simons. 1,939,468; Dec. 12.
- Drawing frame draft roll spring tension adjustment. W. M. Spring. 1,923,593; Aug. 22.
- Drawing in frame. J. G. Bentley and R. A. Gibbs, jr. 1,930,079; Oct. 10.
- Drawing instrument. J. H. Graham. 1,924,094; Aug. 29.
- Drawing instrument and adjunctive parts thereof. J. C. Sommer. 1,921,892; Aug. 8.
- Drawing mechanism for textile rovings. F. Casablanco. 1,917,699; July 11.
- Drawing mechanisms in textile machines. P. Litty. 1,912,946; June 6.
- Drawing of tubular articles, Apparatus for the. G. Delpech. 1,894,853; Jan. 17.
- Drawing pad. W. Dreifuss. 1,906,371; May 2.
- Drawing press, Sheet metal. O. Kühner. 1,900,291; Mar. 7.
- Drawing table. B. T. Andrew. 1,925,087; Sept. 5.
- Drawing table. G. E. Froelich. 1,907,780; May 9.
- Drawing tubing containing a strip of contrasting glass, Apparatus for. W. H. Said. 1,919,259; July 25.
- Drawings, Shading. H. Sax. 1,905,061; Apr. 25.
- Dredge. B. G. Hines. 1,913,670; June 13.
- Dredge pump. I. Short. 1,923,280; Aug. 22.
- Dredger. G. Zapf. 1,920,731; Aug. 1.
- Dredges, Method of and apparatus for controlling. A. Neveling. 1,902,259; Mar. 21.
- Dredging machine attachment. G. Marotte. 1,907,075; May 2.
- Dress. J. Broillet. Des. 89,033; Jan. 17.
- Dress. J. L. Caston. Des. 89,115; Jan. 24.
- Dress. J. L. Caston. Des. 90,434; Aug. 8.
- Dress. M. L. Caston. Des. 91,131; Dec. 5.
- Dress. N. Fischmann. Des. 89,692; Apr. 25.
- Dress. S. Kane. Des. 89,895; May 16.
- Dress. J. Kohn. Des. 89,081; Jan. 24.
- Dress. A. S. Simpson. Des. 89,247; Feb. 7.
- Dress and apron, Combination. D. D. Sipe. 1,932,940; Oct. 31.
- Dress, Diver's. W. Scrimgeour. 1,935,132; Nov. 14.
- Dress, Ensemble. S. Kane. Des. 91,203; Dec. 19.
- Dress, Ensemble. H. Langer. Des. 89,899; May 16.
- Dress, Ensemble. D. Long. Des. 89,711; Apr. 25.
- Dress, Ensemble. D. Long. Des. 89,774-5; May 2.
- Dress ensemble. W. A. Strass. Des. 89,656; Apr. 18.
- Dress, Lady's ensemble. R. Hall. Des. 90,883; Oct. 17.
- Dress or similar article. M. Fields. Des. 89,037; Jan. 17.
- Dress or similar article. F. R. Greene. Des. 89,039; Jan. 17.
- Dresser. S. L. Bennett. Des. 90,694; Sept. 19.
- Dresser and mirror, Combined. F. M. McClure. Des. 90,370; July 25.
- Dresser mirror hanger. J. H. De Boer. 1,926,994; Sept. 12.
- Dresser set component. H. R. Adams and H. E. Kraven. 1,932,003; Oct. 24.
- Dresser, Vanity. C. R. Kayser. Des. 90,888; Oct. 17.
- Dressing fixture. C. J. Halborg and A. L. Nilsson. 1,907,065; May 2.
- Drier. See—
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| Air drier. | Paint drier. |
| Apron loop drier. | Paper drier. |
| Atmospheric roll drier. | Photo-print drier. |
| Centrifugal drier. | Rotary drier. |
| Clothes drier. | Sectional apron drier. |
| Felt drier. | Sulphate drier. |
| Film drier. | Tunnel drier. |
| Fruit drier. | Unit tower drier. |
| Hair drier. | Vacuum drum drier. |
| Laundry drier. | |
- Drier. C. P. Barker. 1,924,100; Aug. 29.
- Drier. F. L. Furbush. 1,919,057; July 18.
- Drier. W. L. Martin. 1,903,427; Apr. 11.
- Drier. H. Rosenberg. 1,934,149; Nov. 7.
- Drier, Agitator. A. F. Wender. 1,909,324; May 16.
- Drier and drying oil composition. H. A. Bruson. 1,933,520; Oct. 31.
- Drier and granulator. R. S. Kent. 1,934,930; Nov. 14.
- Drier and polisher for wood turnings. S. R. Penney, jr. 1,921,321; Aug. 8.
- Drier and sorting table. W. J. Tobey. 1,932,124; Oct. 24.
- Drier for boudoir use, Garment. E. A. Herr. 1,914,190; June 13.
- Drier for oil. H. A. Bruson. 1,927,867; Sept. 26.
- Drier for photographic stills. A. E. Mutscher. 1,939,016; Dec. 12.
- Drier head. L. A. Dix. 1,900,166; Mar. 7.
- Drier roll. T. L. Brannen. 1,899,256; Feb. 28.
- Driers for varnishes, Lacquers, oil paints, and the like, Production of. F. Pohl. 1,900,734; Mar. 7.
- Driers, Stripping mechanism for hosiery. H. F. Wanmaker and J. N. Pattison. 1,898,918; Feb. 21.
- Drift measuring and recording apparatus. F. S. Bunker. 1,928,644; Oct. 3.
- Drill. See—
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| Core drill. | Oil well drill. |
| Deep well drill. | Pugh drill. |
| Earth boring drill. | Push drill. |
| Grain drill. | Rock drill. |
| Hand drill. | Rotary gang drill. |
| Mining drill. | Rotary vibrating drill. |
| Multiple spindle drill. | |
- Drill. J. D. Carr. 1,940,996; Dec. 26.

- Drill. D. L. Del'Homme. 1,895,610; Jan. 31.
 Drill. G. G. Harrington and D. L. Del'Homme. 1,940,415; Dec. 19.
 Drill. R. K. Jeffrey. 1,909,830; May 16.
 Drill. J. D. Nixon. 1,902,885; Mar. 28.
 Drill. W. C. Rea. 1,902,098; Mar. 21.
 Drill and countersink or the like and making same, Combined. J. Corbett. 1,936,498; Nov. 21.
 Drill and hole cleaner. S. E. Mortimer. 1,894,358; Jan. 17.
 Drill and reaming bit, Combination cutting. H. D. Sandstone. 1,899,727; Feb. 28.
 Drill bit. R. G. Hamaker. 1,910,210; May 23.
 Drill bit. G. G. Harrington. 1,901,643; Mar. 14.
 Drill bit. C. K. Holt and J. B. Merritt. 1,913,350; June 13.
 Drill bit. R. R. Sanderson. 1,931,590; Oct. 24.
 Drill bit. M. F. Seng. 1,926,635; Sept. 12.
 Drill bit. J. C. Stokes. 1,940,890; Dec. 26.
 Drill bits. Apparatus for treating. G. Sherman. 1,927,051; Sept. 19.
 Drill chuck. A. Albrecht. 1,926,760; Sept. 12.
 Drill cutter. E. A. Reed. 1,921,701; Aug. 8.
 Drill feed, Torque control. A. E. Woollen. 1,935,105; Nov. 14.
 Drill feeding mechanism. M. C. Huffman. 1,909,179; May 16.
 Drill for deep wells, Rotary boring. C. E. Reed. 1,908,049; May 9.
 Drill for mining purposes. C. P. Bascom and H. A. Kluge. 1,897,785; Feb. 14.
 Drill for mining purposes. E. Ormsby and C. P. Bascom. 1,897,733; Feb. 14.
 Drill head and lubricator. H. W. Fletcher. 1,896,231; Feb. 7.
 Drill holes. Apparatus for surveying. H. Rogatz. 1,901,567; Mar. 14.
 Drill jig. E. Chapman. 1,916,414; July 4.
 Drill mounting, Mining. L. J. Fellay. 1,904,655; Apr. 18.
 Drill or similar tool, Electric. A. C. Gilbert. 1,905,462; Apr. 25.
 Drill pipe joint. H. Mecom and L. J. Black. 1,899,469; Feb. 28.
 Drill pipe protector. E. Craig and W. O. Cooper. 1,926,582; Sept. 12.
 Drill pipe protector. J. H. Cushing. 1,893,020; Jan. 3.
 Drill pipe protector. W. L. McLaine. 1,894,519; Jan. 17.
 Drill pipe protector. W. G. L. Smith. 1,907,012; May 2.
 Drill pipe protector. W. G. L. Smith. 1,940,332; Dec. 19.
 Drill pit and making the same. W. C. Rea. 1,929,608; Oct. 10.
 Drill post, Mining. L. J. Fellay. 1,904,656; Apr. 18.
 Drill press. F. C. Allen. 1,894,214; Jan. 10.
 Drill press. C. F. Sherman. 1,893,965; Jan. 10.
 Drill pressure in deep-boring plants, Apparatus for automatically regulating the. W. H. Besigk. 1,919,611; July 25.
 Drill pull. T. N. Rose. 1,929,332; Oct. 3.
 Drill puller. L. R. Stampfli and S. Chiritescu. 1,937,171; Nov. 28.
 Drill puller. M. J. Wozniak. 1,915,345; June 27.
 Drill shank and bit. C. Erickson. 1,899,458; Feb. 28.
 Drill sharpening and swaging machine. J. Rule. 1,914,170; June 13.
 Drill-steel puller. C. M. Jackson. 1,907,970; May 9.
 Drill stem and drill pipe, Apparatus for guiding and steady-ing. W. H. Endsley. 1,900,921; Mar. 14.
 Drill stem for flush joint drilling apparatus. R. W. Craig. 1,919,931; July 25.
 Drill sterilizer-mixing attachment, Grain. M. E. Gass. 1,892,763; Jan. 3.
 Drill string couplings. D. J. O'Grady. 1,908,174; May 9.
 Drill supporting column. V. L. Scott. 1,930,598; Oct. 17.
 Drill unit, Percussive. C. C. Hansen. 1,893,203; Jan. 3.
 Drilling and inserting mechanism for brush machines. L. B. Terhune. 1,937,101; Nov. 28.
 Drilling and milling machine, Combined. A. Wirth. 1,915,708; June 27.
 Drilling apparatus. H. C. Brewster. 1,898,937; Feb. 21.
 Drilling apparatus. J. M. Calderwood. 1,921,503; Aug. 8.
 Drilling apparatus. R. D. Dodds. 1,909,817; May 16.
 Drilling apparatus. H. W. Hall. 1,937,147; Nov. 28.
 Drilling apparatus. H. C. Johansen. 1,940,800; Dec. 26.
 Drilling apparatus. L. H. Thullen. 1,937,300; Nov. 28.
 Drilling apparatus for blast furnaces, Tapping hole. A. F. Giese, jr. 1,916,261; July 4.
 Drilling apparatus, Rotary. C. E. Reed. 1,897,588; Feb. 14.
 Drilling bit. W. A. Abegg. 1,909,925; May 23.
 Drilling bit. F. Clark. 1,914,735; June 20.
 Drilling machine. E. A. Beste. 1,902,055; Mar. 21.
 Drilling machine. D. Clute and L. Sterling. 1,911,138; May 23.
 Drilling machine. A. L. De Leeuw. 1,934,044; Nov. 7.
 Drilling machine. J. Friedl. 1,905,560; Apr. 25.
 Drilling machine. I. C. Harris. 1,897,121; Feb. 14.
 Drilling machine. G. Macomber. 1,911,132; May 23.
 Drilling machine. V. L. Scott. 1,922,401; Aug. 15.
 Drilling machine and the like. R. M. Lovejoy. 1,938,107; Dec. 5.
 Drilling machine, Bossed arm. J. W. Brown, jr. 1,911,303; May 30.
 Drilling machine, Multiple. C. L. Mahren. 1,930,013; Oct. 10.
 Drilling machine spindle. A. M. Johnson. 1,917,842; July 11.
 Drilling machinery. W. Sheldon. 1,904,256; Apr. 18.
 Drilling machines, Attachment for portable. B. E. and C. M. Park. 1,926,788; Sept. 12.
 Drilling mechanism. E. G. Gartin. 1,931,535; Oct. 24.
 Drilling mechanism. O. B. Goldman. 1,913,752; June 13.
 Drilling mechanism. M. P. Holmes. 1,903,648; Apr. 11.
 Drilling mechanism. M. P. Holmes. 1,933,589; Nov. 7.
 Drilling mechanism. C. F. Osgood. 1,912,854; June 6.
 Drilling mechanism. H. Tardiff. 1,929,458; Oct. 10.
 Drilling of wells, Method and apparatus employed in the. E. E. Greve. 1,918,096; July 11.
 Drilling or reaming machine. H. A. Wainwright. 1,896,059; Jan. 31.
 Drilling pressure converted products by contained heat. E. J. Shaeffer, G. W. Watts, E. P. Brown, and R. E. Wilson. 1,924,520; Aug. 29.
 Drilling spindle machine, Multiple. J. W. Brown, jr. 1,911,301; May 30.
 Drills, Apparatus for testing. T. Takahashi. 1,926,825; Sept. 12.
 Drills, Attachment for portable. H. H. Ehlen. 1,922,532; Aug. 15.
 Drills, Feeding device for rock. G. W. Hulshizer. 1,898,999; Feb. 28.
 Drills, Hydraulic feed for rotary. J. C. Fortune. 1,910,890; May 23.
 Drills, Rotation control mechanism for. G. M. Nell. 1,895,860; Jan. 31.
 Drink dispensing apparatus, Coin-controlled. H. M. Austin. 1,912,171; May 30.
 Drink dispensing machine. S. T. Dare. 1,898,619; Feb. 21.
 Drink mixer. R. A. Beach. 1,913,654; June 13.
 Drink mixer. R. A. Beach. 1,927,253; Sept. 19.
 Drink mixer. F. J. Osius and M. Seiderman. Des. 88,888; Jan. 3.
 Drink mixer. S. J. Poplawski. 1,934,445; Nov. 7.
 Drink mixer. G. D. Ruetz. 1,909,986; May 23.
 Drink vending machine. E. Schietzel. 1,939,280; Dec. 12.
 Drinking cup. R. M. Schiller. Des. 90,458; Aug. 8.
 Drinking cup. M. H. Sidbotham. 1,904,331; Apr. 18.
 Drinking cup. M. F. Turner. 1,941,327; Dec. 26.
 Drinking cup holder. J. F. Skirrow. 1,915,958; June 27.
 Drinking cup, Paper. A. Novick. 1,902,717; Mar. 21.
 Drinking cup, Sanitary. A. Novick. 1,910,177-8; May 23.
 Drinking fountain. W. B. Heidelberg. Des. 89,990; May 23.
 Drinking fountain. H. T. McAnulty. 1,916,326; July 4.
 Drinking fountain. W. H. Schulte. 1,901,046; Mar. 14.
 Drinking fountain. T. J. Sexton. 1,894,573; Jan. 17.
 Drinking fountain. H. W. Taylor. 1,900,591; Mar. 7.
 Drinking fountain. Float controlled. D. H. Hill. 1,928,103; Sept. 26.
 Drip catcher for paint brushes and the like. F. Jerousek. 1,906,157; Apr. 25.
 Drip catcher for retailing and dispensing vessels. M. Feig. 1,914,598; June 20.
 Drip preventing means. B. F. Wood. 1,925,913; Sept. 5.
 Drive and guide in four wheels, combined with triple differential and brake in one unit, Motor vehicle differential gear. P. P. Adams. 1,901,276; Mar. 14.
 Drive attachment for vehicles. J. S. D. Bellerive. 1,907,236; May 2.
 Drive, Automatic variable speed. J. M. Baum. 1,897,416; Feb. 14.
 Drive, Automotive vehicle. J. J. Tracy. 1,893,255; Jan. 3.
 Drive, Bevel gear through. R. B. Pageol. 1,907,179; May 2.
 Drive, Compensating. A. Herz. 1,931,493; Oct. 24.
 Drive, Condenser gang. G. W. Wacker and R. H. Langley. 1,939,933; Dec. 19.
 Drive construction, Four-wheel vehicle. A. R. Le Moon. 1,901,309; Mar. 14.
 Drive for automobiles, Four-wheel. B. G. Johnson. 1,932,786; Oct. 31.
 Drive for auto trucks, Dual rear axle. A. C. Bryan. 1,927,276; Sept. 19.
 Drive for engines, Reduction. W. Waddell. 1,929,196; Oct. 3.
 Drive for laundry machine cylinders, Torque shaft. L. C. Schenck. 1,915,549; June 27.
 Drive for locomotives, Balanced-yoke. B. Wheeler. 1,929,663; Oct. 10.
 Drive for locomotives, Center-axle. J. P. Shamberger. 1,916,391; July 4.
 Drive for machine parts, Direct motor. H. R. Stuart. 1,907,223; May 2.
 Drive for machine tools, Hydraulic. J. K. Douglas. 1,928,150; Sept. 26.
 Drive for machine tools, Variable speed. W. Ferris. 1,915,986; June 27.
 Drive for milling machines, Hydraulic. H. Ernst and H. R. Isler. 1,938,772; Dec. 12.
 Drive for motor vehicles, Front wheel. H. Cremer. 1,911,607; May 30.
 Drive for motor vehicles, Multiple. H. A. De Wolfe. 1,896,664; Feb. 7.
 Drive for paper carriages. O. J. Sundstrand. 1,911,536; May 30.
 Drive for super-calenders and winders, Synchronized motor. C. W. Drake. 1,925,866; Sept. 5.
 Drive for the steering wheels of motor vehicles, Bevel. F. Kröhl. 1,918,649; July 18.

- Drive for unit presses and folders. J. A. Isbell. 1,908,608; May 9.
- Drive for variable condensers, Control. J. Q. Gaubert. 1,913,111; June 6.
- Drive for washing machines, Water. E. S. Burdick and C. R. Thomson. 1,935,014; Nov. 14.
- Drive for well drilling apparatus. W. S. Westbrook. 1,914,627; June 20.
- Drive for well drilling equipment, Electric motor. A. Lindner. 1,899,703; Feb. 28.
- Drive, Four-wheel. G. W. Carlson. 1,928,684; Oct. 3.
- Drive, Friction. C. F. Jenkins. 1,907,116; May 2.
- Drive, Front wheel. J. H. Haas. 1,912,839; June 6.
- Drive, Furnace conveyor. A. N. Otis. 1,894,829; Jan. 17.
- Drive gear jack, Double lift inclosed. J. A. Adell. 1,911,101; May 23.
- Drive, Hydraulic. J. P. Ferris. 1,902,437; Mar. 21.
- Drive, Hydraulic. J. P. Ferris. 1,939,113; Dec. 12.
- Drive, Hydraulic. F. Walther. 1,920,042; July 25.
- Drive, Internal gear. D. C. Klausmeyer. 1,899,201; Feb. 28.
- Drive, Linter gin. F. E. Deems. 1,921,311; Aug. 8.
- Drive mechanism, Automobile. F. J. Straub and J. T. Weinzierl. 1,910,188; May 23.
- Drive mechanism for a fluid supply system or the like. G. J. Blum. 1,936,617; Nov. 28.
- Drive mechanism for motor vehicles. S. C. North. 1,923,795; Aug. 22.
- Drive mechanism for shaker conveyers. W. W. Sloane. 1,894,923; Jan. 17.
- Drive mechanism, Front wheel. R. E. Bohrer. 1,934,163; Nov. 7.
- Drive, Multiple clutch. W. E. Jensen. 1,909,831; May 16.
- Drive, Paper machine. C. Stansbury and G. C. Brown. 1,926,822; Sept. 12.
- Drive release and brake for a spindle. H. C. Wellman and N. B. Green. 1,921,554; Aug. 8.
- Drive release and brake for extractors. F. Schaum. 1,905,950; Apr. 25.
- Drive release mechanism, Overspeed. A. R. Bullock. 1,910,320; May 23.
- Drive, Reversing. W. P. Beattie and J. B. Sando. 1,912,060; May 30.
- Drive, Reversing. W. C. Furnas. 1,914,688; June 20.
- Drive shaft. C. L. Kennedy. 1,913,886; June 13.
- Drive shaft and pinion assembly puller. J. W. Crum-packer. 1,901,736; Mar. 14.
- Drive shaft, Flexible. R. B. Hitchcock. 1,911,507; May 30.
- Drive, Starter. G. H. Howard. 1,906,067; Apr. 25.
- Drive, Starter motor. O. A. and V. Palm. 1,910,043; May 23.
- Drive, Tape. R. D. Wiley. 1,921,402; Aug. 8.
- Drive transmission arrangements of independently sprung wheels of road vehicles. T. Godman. 1,939,494; Dec. 12.
- Drive, Tuning fork. W. D. Buckingham. 1,913,331; June 6.
- Drive, Turntable. B. R. Carson. 1,899,669; Feb. 28.
- Drive, Variable speed. L. F. Koss, Jr. 1,921,758; Aug. 8.
- Drive, Variable speed. L. J. McKone. 1,910,903; May 23.
- Drive, Variable speed. S. G. Skinner. 1,929,611; Oct. 10.
- Drive, Variable speed. M. T. Weston. 1,909,792; May 16.
- Drive, Vehicle. S. C. Carter. 1,897,944; Feb. 14.
- Drive with differential characteristics and free wheeling, Combined positive. H. V. Hughes. 1,902,449; Mar. 21.
- Driver for dandy-rolls. W. B. Clements. 1,911,434; May 30.
- Driver, Sheathing. J. C. Curtis. 1,898,984; Feb. 21.
- Driving aggregate for motor power and hand power. J. A. Nordin. 1,898,139; Feb. 21.
- Driving and controlling means for conveyors for board machines. D. C. Jeffrey and H. J. Wolfe. 1,906,861; May 2.
- Driving and stopping mechanism. A. R. Morrill. 1,905,735; Apr. 25.
- Driving apparatus and system, Vehicle. F. W. Godsey, Jr. 1,900,706; Mar. 7.
- Driving apparatus for self-propelled vehicles. M. D. Henshaw. 1,902,500; Mar. 21.
- Driving arrangement for aircraft propellers. M. J-B. Barbarou. 1,895,874; Jan. 31.
- Driving attachment for mixing bowls. P. J. Fitzgerald. 1,898,986; Feb. 21.
- Driving box, Locomotive. H. S. Vincent. 1,920,772; 1,920,891; Aug. 1.
- Driving box lubricator, Locomotive. G. H. Zouck. 1,931,217; Oct. 17.
- Driving device. J. D. Karle. 1,932,974; Oct. 31.
- Driving device. D. V. Waters. 1,910,194; May 23.
- Driving device operated by the weight and muscular force of the human body. P. Brettrager. 1,933,654; Nov. 7.
- Driving fixture, Internal. J. E. Lovely. 1,895,807; Jan. 31.
- Driving gear for printing presses. W. Rockstroh. Aug. 1.
- Driving head, Abradant. H. L. Myers. 1,938,493; Dec. 5.
- Driving light, Auxiliary. J. L. Koubek. 1,916,514; July 4.
- Driving-locking mechanism. G. E. Swartz. 1,932,053; Oct. 24.
- Driving means for calculating machines. F. Pott. 1,935,858; Nov. 21.
- Driving means for oil well equipment. H. Iedeon. 1,900,452; Mar. 7.
- Driving means for warp stop motions. J. Hyde. 1,924,790; Aug. 29.
- Driving mechanism. P. C. Bruckmann, W. R. Hager, and J. C. Griffith. 1,933,413; Oct. 31.
- Driving mechanism. W. E. De Voe. 1,926,435; Sept. 12.
- Driving mechanism. E. H. Haug. 1,921,749; Aug. 8.
- Driving mechanism. C. H. Havill. 1,920,079; July 25.
- Driving mechanism. R. P. Lansing. 1,937,233-4; Nov. 28.
- Driving mechanism. R. P. Lansing and R. M. Nardone. 1,937,235; Nov. 28.
- Driving mechanism. R. M. Nardone. 1,916,126; June 27.
- Driving mechanism. R. M. Nardone. 1,936,542; Nov. 21.
- Driving mechanism. H. W. Nieman. 1,915,439; June 27.
- Driving mechanism. H. R. Patterson. 1,893,959; Jan. 10.
- Driving mechanism. F. D. Stanley. 1,901,270; Mar. 14.
- Driving mechanism. C. W. Valentine, P. N. Ottersland, and G. A. Fairbanks. 1,913,525; June 13.
- Driving mechanism. R. A. Walter. 1,908,087; May 9.
- Driving mechanism. M. J. Wightman. 1,925,127; Sept. 5.
- Driving mechanism, Engine-driven. F. Ljungström. 1,897,506; Feb. 14.
- Driving mechanism for axle-driven train lighting dynamos. R. Roderwald. 1,911,531; May 30.
- Driving mechanism for cotton pickers. W. R. Willett and H. E. Brown. 1,916,704; July 4.
- Driving mechanism for counters. W. Ochsenbein. 1,932,908; Oct. 31.
- Driving mechanism for flat knitting frames. K. K. Lieberknecht. 1,899,875; Feb. 28.
- Driving mechanism for reciprocating machines. A. L. Ellis. 1,897,468; Feb. 14.
- Driving mechanism for slicing machines. F. L. van Weenen. 1,936,925; Nov. 28.
- Driving mechanism for the wheels of divided swinging axles of motor vehicles or the like. Z. Hollos. 1,920,175; Aug. 1.
- Driving mechanism for valves and other devices. C. W. Kuhn. 1,901,397; Mar. 14.
- Driving mechanism for washing machines. E. Engel. 1,906,253; May 2.
- Driving mechanism in cinematographic apparatus. L. Goldhammer. 1,909,759; May 16.
- Driving mechanism, Reversible hydraulic. D. H. West. 1,937,077; Nov. 28.
- Driving of cinematographs and sound reproducing means in synchronism. J. H. T. Roberts. 1,907,445; May 9.
- Driving propellers. Mechanism for. L. Wiedmann. 1,899,490; Feb. 28.
- Driving system and operating same. J. P. Tarbox. 1,926,692; Sept. 12.
- Drop center rim. W. H. Farr. 1,930,425; Oct. 10.
- Drop center wheel holder. C. E. Branick. 1,935,937; Nov. 21.
- Drop cord protector. J. B. Glowacki. 1,901,232; Mar. 14.
- Drop testing machine. R. B. Lewis. 1,901,460; Mar. 14.
- Dropper, Regulating. E. M. Aikman. 1,895,436; Jan. 31.
- Drosses, Treating. F. F. Colcord and J. J. Mulligan. 1,931,285; Oct. 17.
- Drum. H. E. Whitten. 1,894,968; Jan. 24.
- Drum, Assembling. F. B. Yingling. 1,939,157; Dec. 12.
- Drum baffle, Steam. H. J. Kerr. 1,901,912; Mar. 21.
- Drum, Barking. J. Strindlund. 1,904,937; Apr. 18.
- Drum beater. L. B. Greenleaf. 1,909,761; May 16.
- Drum cleaning machine. C. E. Farrington. 1,913,979; June 13.
- Drum, Collapsible. H. C. Bostwick. 1,896,280; Feb. 7.
- Drum for a hoisting device. W. A. Hummel and E. R. Jones. 1,912,483; June 6.
- Drum for advertising clocks. G. Illens. 1,898,924; Feb. 21.
- Drum for dyeing, etc. S. Bailey, Jr. 1,906,130; Apr. 25.
- Drum for reinforcing cage machines. O. A. Steuer and J. A. Carr. 1,895,427; Jan. 24.
- Drum-grinding machine. W. J. Andres. 1,901,690; Mar. 14.
- Drum head tightener. S. H. Newberry. 1,901,765; Mar. 14.
- Drum-head tightening device. G. Harris. 1,899,461; Feb. 28.
- Drum, Making welded. D. S. Jacobus. 1,910,438; May 23.
- Drum, Metal. P. Wolf. 1,904,755; Apr. 18.
- Drum, Milling machine, Rotary. E. J. Fournier. 1,926,332; Sept. 12.
- Drum or container. H. A. Eggers. 1,934,762; Nov. 14.
- Drum or container for oil or other liquids. T. D. Owings. 1,931,007; Oct. 17.
- Drum, Rotary drying. E. Seyffert. 1,910,263; May 23.
- Drum shaft assembly, Water-cooled. D. M. Smith and G. Tremolada. 1,924,216; Aug. 29.
- Drum, Shipping. G. E. Black. 1,937,806; Dec. 5.
- Drum, Shipping. E. E. Shanor. 1,906,205; Apr. 25.
- Drum, Snare. W. E. Soderberg. 1,894,068; Jan. 10.
- Drumstick for bass drums. J. T. Haight. 1,892,886; Jan. 3.
- Drum, Tirebuilding. T. A. Miller. 1,926,345; Sept. 12.
- Drum truing machine. W. F. Evans. 1,902,629; Mar. 21.
- Drum weir. B. H. Kersting. 1,922,097; Aug. 15.
- Drum, Wire drawing. E. J. McIlvried. 1,909,373; May 16.
- Drums and the like, Head retainer for. C. H. Rollason. 1,903,010; Mar. 28.

- Drums, Applying heads to metal. C. H. Rollason. 1,914,867; June 20.
- Drums, Manipulating pressure-containing. F. B. Hunt. 1,933,060; Oct. 31.
- Drums of water-tube boilers, Apparatus for making water. M. Ulrich. 1,898,070; Feb. 21.
- Drums, Sealing open head. E. E. Shanor and K. W. Mardersteck. 1,929,375; Oct. 8.
- Dry battery. H. R. C. Anthony. 1,932,128; Oct. 24.
- Dry battery. H. M. Koretzky and F. A. Keller. 1,915,575; June 27.
- Dry battery. O. W. Storey. 1,916,698; July 4.
- Dry battery. J. G. Zimmerman. 1,916,709; July 4.
- Dry cell. C. P. Deibel. 1,898,344; Feb. 21.
- Dry cell. G. Stone. 1,908,194; May 9.
- Dry cell. J. G. Zimmerman. 1,892,692; Jan. 3.
- Dry cell and manufacture thereof. G. H. Watzke and L. G. Berigan. 1,914,057; June 13.
- Dry-cell making machinery, Automatic. S. Sokolow. 1,933,350; Oct. 31.
- Dry cleaning machine. J. W. Chamberlain. 1,893,398; Jan. 3.
- Dry ice conversion unit. E. O. Bennett. 1,905,885; Apr. 25.
- Dry material feeding machine. E. W. Bacharach. 1,906,830; May 2.
- Drying. T. B. Munroe. 1,909,213; May 16.
- Drying and cooling apparatus. A. D. Bullerjahn. 1,928,004; Sept. 26.
- Drying and extracting machine. W. P. Hornbuckle and R. F. Craig. 1,910,016; May 23.
- Drying and impregnating of cables. B. S. F. Eli. 1,917,957; July 11.
- Drying apparatus. W. J. De Reamer. 1,915,648; June 27.
- Drying apparatus. H. E. Dietrich and A. G. Hewitt. 1,908,892; May 16.
- Drying apparatus. H. Haas. 1,925,900; Sept. 5.
- Drying apparatus. B. M. Hess. 1,926,772; Sept. 12.
- Drying apparatus. W. Otto. 1,918,927; July 18.
- Drying apparatus. C. A. Pfahl. 1,907,215; May 2.
- Drying. Apparatus for and method of. B. B. Russell and W. J. Uhlhorn. 1,900,846; Mar. 7.
- Drying apparatus for layers of fibrous materials. F. L. Bryant. 1,929,090; Oct. 3.
- Drying apparatus for photographic prints, High gloss. S. Kaminski. 1,910,294; May 23.
- Drying apparatus, Rotary. F. A. Jones. 1,910,607; May 23.
- Drying arrangement for condensers. B. S. F. Eli and H. Spanne. 1,909,575; May 16.
- Drying device. J. G. Olsson and F. I. E. Stenfors. 1,901,326; Mar. 14.
- Drying device for wood, brick, pottery, etc., provided with heat recovering devices. J. G. Olsson and F. I. E. Stenfors. 1,903,063; Mar. 28.
- Drying equipment. W. W. Sibson and H. H. Belcher. 1,907,220; May 2.
- Drying granular or powdered material by means of a fluid. K. Reiche. 1,899,397; Feb. 28.
- Drying machine. C. A. Wardle. 1,914,185; June 13.
- Drying machine. G. Webb. 1,910,868; May 23.
- Drying machine, Continuously feeding. E. H. Hall. 1,930,837; Oct. 17.
- Drying machine, Electrically heated. W. W. Sibson and J. W. Dennis. 1,899,593; Feb. 28.
- Drying, Method of and apparatus for use in. J. N. Hargraves. 1,938,332; Dec. 5.
- Drying press. C. E. Becker. 1,928,087; Sept. 26.
- Drying rack. R. T. Korb. 1,929,319; Oct. 3.
- Drying time of substances, Method of and apparatus for determining the. A. M. Parks. 1,938,975; Dec. 12.
- Dual and single rim wheel. W. S. Brink. 1,919,499; July 25.
- Dual container. C. H. Rollason. 1,909,635; May 16.
- Dual-ratio mechanism for automobiles. C. M. Wert. 1,918,200; July 11.
- Dual wheel. F. W. Burger. 1,901,629; Mar. 14.
- Duct connection box. H. S. Walker. 1,921,057; Aug. 8.
- Duct joint construction. H. J. Zack. 1,935,690; Nov. 21.
- Duct rodding apparatus. J. B. Spowart. 1,939,796; Dec. 19.
- Duct support. G. E. Blinn. 1,924,305; Aug. 29.
- Duffel bag. W. L. Gilmore. 1,914,087; June 13.
- Dumb waiter, etc., Electrically driven. B. Henricksen. 1,923,034; Aug. 15.
- Dummy display box. F. A. Marx. 1,901,351; Mar. 14.
- Dummy, Football training. J. H. Maddock. 1,917,208; July 4.
- Dummy, Tackling. V. J. Loughlin. 1,906,693; May 2.
- Dump body construction. R. E. Smith. 1,922,111; Aug. 15.
- Dump body for vehicles. A. Brezovitz. 1,931,526; Oct. 24.
- Dump body operating mechanism. T. G. Jungersen. 1,904,922; Apr. 18.
- Dump-body, Self-loading. W. S. Howard. 1,922,851; Aug. 15.
- Dump, Vehicle. L. D. Fiskin. 1,903,176; Mar. 28.
- Dumper, Car. R. W. Kaltenbach. 1,920,402; Aug. 1.
- Dumping body. W. C. Anthony. 1,906,302; May 2.
- Dumping body. G. E. Ogilvie. 1,902,093; Mar. 21.
- Dumping receptacle. G. O. Harm and R. R. McBride. 1,924,927; Aug. 29.
- Dumping receptacle. G. M. Wiley. 1,898,328; Feb. 21.
- Dumping receptacle. F. I. Williams. 1,908,392; May 9.
- Duplex equalizing apparatus. C. B. Coates. 1,901,436; Mar. 14.
- Duplicating apparatus. A. J. Bates. 1,902,273; Mar. 21.
- Duplicating machine. J. K. Duncan. 1,931,184; Oct. 17.
- Duplicating machine. J. J. Flanigan. 1,901,440; Mar. 14.
- Duplicating machine. J. J. Flanigan. 1,909,758; May 16.
- Duplicating machine. J. J. Flanigan. 1,928,350; Sept. 26.
- Duplicating machine. L. Jensen. 1,903,625; Apr. 11.
- Duplicating machine. L. Jensen. 1,915,738; June 27.
- Duplicating process. K. C. D. Hickman. 1,917,370; July 11.
- Duplicating sheet. C. S. Miner. 1,929,601; Oct. 10.
- Duplicating with the aid of stencils. S. Gestetner. 1,906,374; May 2.
- Duplicator. E. F. Lewis. 1,923,219; Aug. 22.
- Duplicator roll. L. J. Sauer. 1,937,790; Dec. 5.
- Dust and smoke density measuring device. A. W. Simon, L. C. Kron, and H. Raymond. 1,937,722; Dec. 5.
- Dust, Apparatus for collecting. R. F. O'Mara. 1,928,702; Oct. 3.
- Dust arrester for air ducts. R. N. Shoner. 1,930,777; Oct. 17.
- Dust bag. M. Marshall. 1,924,249; Aug. 29.
- Dust bag. H. C. Purdy. 1,930,659; Oct. 17.
- Dust catcher. E. Prat. 1,937,095; Nov. 28.
- Dust-collecting device. G. S. Kelley. 1,930,099; Oct. 10.
- Dust collector. E. J. Brady. 1,922,013; Aug. 8.
- Dust collector. H. J. Cross. 1,896,700; Feb. 7.
- Dust collector. O. N. Gredell. 1,933,730; Nov. 7.
- Dust collector. W. E. Guest. 1,913,115; June 6.
- Dust collector. K. F. Juengling and H. A. Berg. 1,922,299; Aug. 15.
- Dust collector. E. A. Kleissler. 1,912,280; May 30.
- Dust collector. E. Robideau. 1,901,262; Mar. 14.
- Dust collector. A. L. Searles. 1,917,857; July 11.
- Dust collector and separator system. W. B. Prouty. 1,908,181; May 9.
- Dust collector, Continuously operating. M. I. Dorfan. 1,907,197; May 2.
- Dust collector for inclosed brake. F. E. Payne. 1,919,343; July 25.
- Dust collector unit, Banker. R. Ruemelin. 1,908,560; May 9.
- Dust concentration, Apparatus for measuring. A. W. Simon, L. C. Kron, C. H. Watson, and H. Raymond. 1,937,721; Dec. 5.
- Dust deflector. G. S. Kelley. 1,928,291; Sept. 26.
- Dust eliminator. H. Shellcrosslee. 1,936,527; Nov. 21.
- Dust extraction, Centrifugal apparatus for. P. Howden. 1,897,195; Feb. 14.
- Dust extractor. F. H. Wagner. 1,940,196; Dec. 19.
- Dust extractor. F. H. Wagner. 1,940,199; Dec. 19.
- Dust from air or gases, Apparatus for separating. G. Raw. 1,919,303; July 25.
- Dust guard. H. C. Fisher and C. L. Keller. 1,939,492; Dec. 12.
- Dust mop cleaner. M. J. Willard. 1,913,782; June 13.
- Dustpan. J. R. Caldwell and M. L. Caldwell. 1,908,730; May 16.
- Dust pan. J. B. Hower. 1,940,546; Dec. 19.
- Dustpan control means for carpet sweepers. F. W. Pullen. 1,933,758; Nov. 7.
- Dustproof connector. H. Hubbell, jr. 1,933,592; Nov. 7.
- Dust protector device. J. F. Martin. 1,902,874; Mar. 28.
- Dust receptacle, Sanitary mop. S. J. T. Seibert. 1,928,844; Oct. 3.
- Dust remover. H. E. McCreery. 1,928,670; Oct. 3.
- Dust separating and collecting device. M. H. Kubner. 1,901,370; Mar. 14.
- Dust separator. C. Coupard. 1,899,794; Feb. 28.
- Dust separator. C. G. Hawley. 1,896,895; Feb. 7.
- Dust separator and collector system. W. B. Prouty. 1,897,144; Feb. 14.
- Dust separator for railway cars. C. G. Hawley. 1,935,778; Nov. 21.
- Dust such as from plant fired by pulverulent fuel, Removing. W. A. Woodeson. 1,901,791; Mar. 14.
- Dust transfer device, Trapped. R. D. Poet. 1,938,262; Nov. 21.
- Dust while machining cylinders, Removing. K. W. Connor. 1,934,226; Nov. 7.
- Duster. R. R. Root. 1,911,927; May 30.
- Duster and handle. R. Yutts. 1,903,664; Apr. 11.
- Duster and machine for making the same. R. Yutts. 1,896,148; Feb. 7.
- Duster and making same. R. Yutts. 1,927,730; Sept. 19.
- Duster, Fabric. R. Yutts. 1,903,663; Apr. 11.
- Dusting machine. E. Knapp and C. G. Allgrunn. 1,934,718; Nov. 14.
- Dwelling, Vehicular. E. Mennillo. 1,895,228; Jan. 24.
- Dye and making same, Azo. E. F. Gröther. 1,917,519; July 11.
- Dye and making same, Azo. H. Jordan. 1,908,154; May 9.
- Dye and making the same, Sulphur. H. A. Lubs and P. C. Bowers. 1,910,441; May 23.
- Dye and preparing the same, Trisazo. H. Jordan. 1,906,754; May 2.
- Dye, Azo. R. Brightman. 1,904,820; Apr. 18.
- Dye compounds and producing same. A. H. Schmidt. 1,920,324; Aug. 1.
- Dye diffusion and resulting product, Restraining. L. T. Troland. 1,923,043; Aug. 15.
- Dye of the naphtha-phenazine series and making them. O. Allemann. 1,908,099; May 9.

- Dye of the triphenylmethane series. Wool. E. H. Rodd and F. L. Sharp. 1,926,631; Sept. 12.
- Dye paste for printing and dyeing, Preparing. R. O. Wood. 1,901,275; Mar. 14.
- Dye printing plate and sensitized material therefor. J. E. Thornton. 1,921,050; Aug. 8.
- Dye printing, Vat. L. Lichtenstein and J. Klein. 1,919,792; July 25.
- Dye, Production of azo. R. B. Payne. 1,900,417; Mar. 7.
- Dye, Trisazo. F. Zwilmeyer. 1,903,021; Mar. 28.
- Dyeing. R. F. Goldstein and A. Y. Livingstone. 1,921,078; Aug. 8.
- Dyeing. J. H. Heap. 1,896,954; Feb. 7.
- Dyeing. C. E. Kaltenbach. 1,920,987; Aug. 8.
- Dyeing and like machine. R. C. Mather. 1,906,801; May 2.
- Dyeing and product, Method of. D. H. Powers. 1,912,008; May 30.
- Dyeing and the dyed materials produced. J. F. Turski. 1,922,463; Aug. 15.
- Dyeing apparatus. L. B. Hasbrouck. 1,904,137; Apr. 18.
- Dyeing apparatus. H. E. Van Ness. 1,922,511; Aug. 15.
- Dyeing, Discharge. F. H. Smith. 1,914,536; June 20.
- Dyeing machine. J. Portnoy. 1,922,859; Aug. 15.
- Dyeing machine. B. Soroka. 1,909,232; May 16.
- Dyeing of textile material with vat dyes. C. Dreyfus and H. Platt. 1,900,168; Mar. 7.
- Dyeing preparation and its conversion to dyestuffs, New A. Zitscher, W. Seidenfaden, and K. Jellinek. 1,920,542; Aug. 1.
- Dyeing process. W. R. Moorhouse. 1,899,975; Mar. 7.
- Dyeings of products manufactured from aqueous rubber dispersion, Producing washing-proof. E. A. Hauser. 1,912,939; June 6.
- Dyeings with ester-salts of leuco vat-dyestuffs, Production of fast. G. de Niederhäusern. 1,917,101; July 4.
- Dyes and intermediates, Purification of vat. H. J. West. 1,910,819; May 23.
- Dyes and making the same, Anthraquinone vat. R. J. Goodrich and E. T. Howell. 1,905,088; Apr. 25.
- Dyes and making the same from carbonaceous material. L. P. Dove. 1,898,247; Feb. 21.
- Dyes and preparing them, Carboeyanine. L. G. S. Brooker. 1,934,657-9; Nov. 7.
- Dyes and preparing them, Cyanine. L. G. S. Brooker. 1,935,696; Nov. 21.
- Dyes and products thereof, Applying. W. Whitehead. 1,929,573; Oct. 10.
- Dyes and their preparation, Disazo. H. Jordan. 1,940,683; Dec. 26.
- Dyes and their production, Azo. R. Brightman and W. L. B. Wellacott. 1,933,585; Nov. 7.
- Dyes, Azo. W. Lange. 1,896,710; Feb. 7.
- Dyes, Composition for stripping. A. K. Scribner. 1,918,873; July 18.
- Dyes containing chromium and the resulting product. E. A. Sack. 1,924,696; Aug. 29.
- Dyes containing chromium, Manufacture of. E. A. Sack. 1,921,586; Aug. 8.
- Dyes from orthodichlorobenzene derivatives, Azo. E. F. Grether. 1,907,793; May 9.
- Dyes, Manufacture of vat. A. G. Perkin, A. Shepherdson, and N. H. Haddock. 1,915,901; June 27.
- Dyes of the anthraquinone series. A. Shepherdson and W. W. Tatum. 1,898,748; Feb. 21.
- Dyes of the azine class and manufacture thereof. A. Merz. 1,896,244; Feb. 7.
- Dyes of the paranthrone series. R. S. Barnes, J. E. G. Harris, B. Wylam, and J. Thomas. 1,929,912; Oct. 10.
- Dyes on colored paper, Fixation of. C. Z. Draves. 1,926,614; Sept. 12.
- Dyes, Preparation of azinic. R. Lantz and A. Wahl. 1,935,849; Nov. 21.
- Dyes, Producing azo. J. P. Penny. 1,897,211; Feb. 14.
- Dyes, Production of green sulphur. R. W. Hess and M. H. Fleyscher. 1,933,963; Dec. 12.
- Dyes, Triarylmethane. O. Böger and W. Müller. 1,893,523; Feb. 21.
- Dyestuff and fiber dyed therewith, Azo. H. Kracker. 1,916,621; July 4.
- Dyestuff and fiber dyed therewith, Water-insoluble azo. W. Fitzky. 1,917,442; July 11.
- Dyestuff and fiber dyed therewith, Water insoluble azo. L. Laska and A. Zitscher. 1,921,361; Aug. 8.
- Dyestuff and making same, Sulphurized. J. Blanchod and A. Wirz. 1,894,848; Jan. 17.
- Dyestuff and preparing same. A. J. Wuertz. 1,909,385; May 16.
- Dyestuff and preparing same, Dibenzanthrone. R. J. Goodrich and J. C. Kinahan. 1,910,603; May 23.
- Dyestuff and preparing the same, Azo. I. Gubelmann and A. R. Murphy. 1,913,383; June 13.
- Dyestuff and preparing the same, Azo. I. Gubelmann and J. B. Oesch. 1,910,690; May 23.
- Dyestuff and preparing the same, Trisazo. I. Gubelmann and A. R. Murphy. 1,913,384; June 13.
- Dyestuff, Azo. H. Reindel and H. Krzikalla. 1,929,853; Oct. 10.
- Dyestuff containing metal and making same. F. Straub and H. Mayer. 1,895,559; Jan. 31.
- Dyestuff derivatives, Vat. J. Morton. J. I. M. Jones, B. Wylam, and J. E. G. Harris. 1,895,336; Jan. 24.
- Dyestuff derived from indoline bases and preparing same. O. Wahl. 1,918,758; Mar. 7.
- Dyestuff derived from 1-8 naphthalic acid anhydride. W. Eckert. 1,918,461; July 18.
- Dyestuff for artificial silk and making the same. H. R. Lee and E. C. Buxbaum. 1,939,593; Dec. 12.
- Dyestuff, Galloeyanine. E. Hug and H. Werdenberg. 1,895,545; Jan. 31.
- Dyestuff intermediates and preparing the same, Safranin. W. C. Meuly. 1,934,727; Nov. 14.
- Dyestuff intermediates of the anthraquinone series, Manufacture of. W. Smith, J. Primrose, and J. Thomas. 1,914,872; June 20.
- Dyestuff intermediates of the benzoyl-benzoic acid series. R. J. Loveluck and J. Thomas. 1,917,311; July 11.
- Dyestuff isomers of the naphthoylene diarylimideazole series and the product obtainable thereby, Separation of vat. W. Eckert and H. Sieber. 1,927,928; Sept. 26.
- Dyestuff of the anthanthrone series. R. Heidenreich. 1,931,821; Oct. 24.
- Dyestuff of the anthraquinone series. G. Kränzlein, M. Corell, and E. Diefenbach. 1,924,442; Aug. 29.
- Dyestuff of the anthraquinone series. P. Nawiasky, F. Helwert, and A. Krause. 1,914,450; June 20.
- Dyestuff of the anthraquinone series. P. Nawiasky and A. Krause. 1,894,191; Jan. 10.
- Dyestuff of the anthraquinone series. K. Weinand, C. Taube, and H. Hertlein. 1,941,063; Dec. 26.
- Dyestuff of the anthraquinone series and making same, Acid wool. G. Kalischer, E. Honold, H. Clingenstein, and K. Dobmaier. 1,927,125; Sept. 19.
- Dyestuff of the anthraquinone series, Acid. K. Zahn and H. Koch. 1,935,929; Nov. 21.
- Dyestuff of the dibenzanthrone series, Vat. E. T. Howell and O. Stallmann. 1,940,419; Dec. 19.
- Dyestuff, Polymethine. K. Schmidt. 1,910,478-9; May 23.
- Dyestuff preparation, Black vat. E. T. Howell and R. J. Goodrich. 1,905,095; Apr. 25.
- Dyestuff preparation, Vat and sulphur. H. Berthold and H. Friedrich. 1,920,166; Aug. 1.
- Dyestuff print and closely adjacent thereto aniline black prints on the same fabric, Producing. E. Pfeffer. 1,922,978; Aug. 15.
- Dyestuff, Triarylmethane. O. Wahl, W. Müller, A. Kohn, and E. Teupel. 1,921,334; Aug. 8.
- Dyestuff, Trisazo. H. Jordan and H. E. Woodward. 1,938,182; Dec. 5.
- Dyestuff, Yellow azo. W. Scheurer, R. Krech, and A. Koch. 1,920,407; Aug. 1.
- Dyestuffs and complex metal compounds thereof, Azo. K. Holzach and G. von Rosenberg. 1,893,646; Jan. 10.
- Dyestuffs and fiber dyed therewith, Azo. E. Runne, K. Moldaenke, and W. Kirst. 1,941,057; Dec. 26.
- Dyestuffs and fiber dyed therewith, Water-insoluble azo. E. Hoffa and E. Thoma. 1,927,121; Sept. 19.
- Dyestuffs and fiber dyed therewith, Water-insoluble azo. L. Laska and A. Zitscher. 1,934,807; Nov. 14.
- Dyestuffs and fiber dyed therewith, Water-insoluble azo. H. Wagner and H. Kracker. 1,916,778; July 4.
- Dyestuffs and fiber dyed therewith, Water-insoluble azo. A. Zitscher. 1,937,181; Nov. 28.
- Dyestuffs and intermediates of the anthraquinone series. W. Smith, S. Thornley, and R. F. Thomson. 1,929,875; Oct. 10.
- Dyestuffs and intermediates, Production of. D. A. W. Fairweather and J. Thomas. 1,924,774; Aug. 29.
- Dyestuffs and intermediates, Production of. C. Shaw and J. Thomas. 1,937,718; Dec. 5.
- Dyestuffs and its production, Vat. M. A. Kunz, K. Koberle, and E. Berthold. 1,924,444; Aug. 29.
- Dyestuffs and making same, Azo. G. Bonhôte. 1,925,746; Sept. 5.
- Dyestuffs and making same, Azo. F. Felix and W. Huber. 1,905,374; Apr. 25.
- Dyestuffs and making same, Azo. J. Gyr. 1,916,107; June 27.
- Dyestuffs and making same, Azo. G. Kalischer and R. Fleischhauer. 1,905,294; Apr. 25.
- Dyestuffs and making same, Metalliferous azo. F. Straub and W. Hanhart. 1,936,276; Nov. 21.
- Dyestuffs and making same, Metalliferous disazo. F. Straub and W. Hanhart. 1,936,277; Nov. 21.
- Dyestuffs and making the same. G. W. Miles. 1,926,106; Sept. 12.
- Dyestuffs and making the same, Vat. I. Gubelmann and R. J. Goodrich. 1,897,119; Feb. 14.
- Dyestuffs and material dyed with them, Azo. H. Kracker and E. Thoms. 1,893,556; Jan. 10.
- Dyestuffs and of intermediate products relating thereto, Manufacture of vat. A. Davidson and A. Shepherdson. 1,901,288; Mar. 14.
- Dyestuffs and preparing same, Disazo. R. Brightman. 1,904,821; Apr. 18.
- Dyestuffs and preparing the same, Azo. R. Brightman. 1,904,822; Apr. 18.
- Dyestuffs and preparing the same, Trisazo. I. Gubelmann and A. R. Murphy. 1,913,382; June 13.
- Dyestuffs and preparing them, Mixtures of new isomeric. G. Kränzlein, H. Greune, M. Corell, and H. Vollmann. 1,921,360; Aug. 8.
- Dyestuffs and preparing them, Vat. W. Eckert and O. Braunsdorf. 1,935,945; Nov. 21.
- Dyestuffs and the application thereof, Manufacture of new. G. H. Ellis. 1,935,205; Nov. 14.

- Dyestuffs and the application thereof, Manufacture of new. D. H. Mosby, H. C. Olpin, and G. H. Ellis. 1,935,657; Nov. 21.
- Dyestuffs and their production, Azo. G. H. Ellis, H. C. Olpin, and D. H. Mosby. 1,935,624; Nov. 21.
- Dyestuffs and their production, Azo. H. E. Woodward. 1,914,549; June 20.
- Dyestuffs and their production, Monoazo. B. Richard. 1,936,266; Nov. 21.
- Dyestuffs, Azo. E. Hoffa and E. Glietenberg. 1,936,979; Nov. 28.
- Dyestuffs, Azo. F. Muth. 1,915,438; June 27.
- Dyestuffs, Azo. H. Schweitzer. 1,903,600; Apr. 11.
- Dyestuffs containing chromium and making same. F. Straub and H. Schneider. 1,914,052; June 13.
- Dyestuffs containing chromium and making same, Azo. F. Straub and H. Mayer. 1,908,571; May 9.
- Dyestuffs containing chromium, Azo. H. Clingstein and K. Wiedemann. 1,925,434; Sept. 5.
- Dyestuffs containing sulphur, New. R. Herz, M. Schubert, and W. Hechtenberg. 1,898,446; Feb. 21.
- Dyestuffs derived from indoline bases, Preparing basic. O. Wahl. 1,917,475; July 11.
- Dyestuffs, Fast blue sulphur. R. Herz and W. Hechtenberg. 1,939,008; Dec. 12.
- Dyestuffs for leather, Azo. M. Mendoza and J. Hannon. 1,923,944; Aug. 22.
- Dyestuffs, Indigoid. N. Steiger and W. Brunner. 1,938,054; Dec. 5.
- Dyestuffs, Indophenol sulphur. F. Muth. 1,898,457; Feb. 21.
- Dyestuffs insoluble in water and fiber dyed therewith, Azo. L. Laska and A. Zitcher. 1,915,430; June 27.
- Dyestuffs insoluble in water and fiber dyed therewith, Azo. O. Sohst. 1,934,773; Nov. 14.
- Dyestuffs insoluble in water and fiber dyed therewith, Azo. A. Zitscher. 1,915,461; June 27.
- Dyestuffs insoluble in water, Azo. E. Glietenberg, W. Neelmeier, and E. Rimele. 1,906,226; May 2.
- Dyestuffs, Manufacture of basic. M. Wyler. 1,920,829; Aug. 1.
- Dyestuffs, Manufacture of monoazo. O. Knecht and T. Wirth. 1,893,553; Jan. 10.
- Dyestuffs, Manufacture of sulphur. H. Leemann and W. Wehrli. 1,914,029; June 13.
- Dyestuffs, Manufacturing orange vat. R. Herz and W. Zerweck. 1,916,312 July 4.
- Dyestuffs, New valuable indigoid vat. K. Theiss and T. Meissner. 1,907,281; May 2.
- Dyestuffs, Nitrogenous vat. E. Honold. 1,936,716; Nov. 28.
- Dyestuffs obtainable by oxidation on the fiber, Preparing reserves under. E. Pfeffer. 1,898,570; Feb. 21.
- Dyestuffs of di-thionaphthylene-quinone series and preparing them, Vat. F. Mayer. 1,914,445; June 20.
- Dyestuffs of the acridine series, Making nitrogenous vat. E. Honold and G. Boehner. 1,903,181; Mar. 28.
- Dyestuffs of the acridone and thioxanthone series and making them, Vat. P. Nawiasky, W. Bauer, and E. Krauch. 1,898,458; Feb. 21.
- Dyestuffs of the anthranthone series and preparing the same, Vat. R. M. Heidenreich. 1,897,427; Feb. 14.
- Dyestuffs of the anthracene series, Vat. G. Kränzlein and P. Ochwat. 1,900,350; Mar. 7.
- Dyestuffs of the anthrapyridone and the anthrapyrimidone series, Vat. O. Bayer and F. Baumann. 1,903,857; Apr. 18.
- Dyestuffs of the anthraquinone acridine series and the products thereof, Production of vat. H. Neresheimer. 1,935,724; Nov. 21.
- Dyestuffs of the anthraquinone cyanuric series, Vat. W. Hentrich, F. Wieners, and R. Stroebel. 1,897,428; Feb. 14.
- Dyestuffs of the anthraquinone naphthacridone series and making them, Vat. P. F. Bingham and R. F. Thomson. 1,929,876; Oct. 10.
- Dyestuffs of the anthraquinone series. P. Nawiasky and O. Chrzescinski. 1,923,227; Aug. 22.
- Dyestuffs of the anthraquinone series, Acid. G. Kraenzlein and E. Diefenbach. 1,902,084; Mar. 21.
- Dyestuffs of the anthraquinone series and making same, Wool. E. Honold and K. Weinand. 1,928,725; Oct. 3.
- Dyestuffs of the anthraquinone series and preparing the same, Acid. G. Kraenzlein and E. Diefenbach. 1,936,944; Nov. 28.
- Dyestuffs of the anthraquinone series and preparing them, Vat. J. Rosenbach and W. Lassmann. 1,934,771; Nov. 14.
- Dyestuffs of the anthraquinone series, Manufacture of. S. von Allmen. 1,898,861; Feb. 21.
- Dyestuffs of the anthraquinone series, New acid. K. Zahn, H. Koch, and K. Weinand. 1,899,377; Feb. 28.
- Dyestuffs of the anthraquinone series, New vat. E. Honold. 1,897,430; Feb. 14.
- Dyestuffs of the anthraquinone series, Preparation of. A. Peter. 1,912,301; May 30.
- Dyestuffs of the anthraquinone series, Preparation of new. S. von Allmen. 1,901,048; Mar. 14.
- Dyestuffs of the anthraquinone series, Production of. C. Shaw and J. Thomas. 1,915,871; June 27.
- Dyestuffs of the anthraquinone series, Production of new vat. M. A. Kunz and K. Koeberle. 1,909,692; May 16.
- Dyestuffs of the anthraquinone series, Vat. O. Bayer. 1,938,993; Dec. 12.
- Dyestuffs of the anthraquinone series, Vat. M. A. Kunz and K. Koeberle. 1,895,101; Jan. 24.
- Dyestuffs of the anthraquinone series, Vat. P. Nawiasky, B. Stein and E. Krauch. 1,936,949; Nov. 28.
- Dyestuffs of the anthraquinone series, Vat. G. Rösch. 1,911,714; May 30.
- Dyestuffs of the anthraquinone series, Vat. O. Unger and G. Boehner. 1,927,965; Sept. 26.
- Dyestuffs of the anthraquinone series, Vat. H. Wolff, M. A. Kunz, and K. Koeberle. 1,896,435; Feb. 7.
- Dyestuffs of the anthraquinone series, Purification of vat. H. Neresheimer and W. Schneider. 1,899,348; Feb. 28.
- Dyestuffs of the azole series and making them, Vat. F. Kacer, F. Baumann, and A. Krause. 1,909,684; May 16.
- Dyestuffs of the benzanthrone series and making same. W. Moser. 1,899,878; Feb. 28.
- Dyestuffs of the benzanthrone series, Production of vat. M. A. Kunz, K. Koeberle, and E. Berthold. 1,898,452; Feb. 21.
- Dyestuffs of the benzanthrone series, Production of vat. P. Nawiasky and J. Mueller. 1,902,883; Mar. 28.
- Dyestuffs of the dibenzanthrone series, New vat. M. A. Kunz and K. Koeberle. 1,908,904; May 16.
- Dyestuffs of the dibenzanthrone series, Vat. M. A. Kunz and K. Koeberle. 1,909,693; May 16.
- Dyestuffs of the dibenzanthrone series, Vat. M. A. Kunz and K. Koeberle. 1,909,694-5; May 16.
- Dyestuffs of the dibenzanthrone series, Vat. M. A. Kunz, K. Koeberle, and E. Bethold. 1,926,050; Sept. 12.
- Dyestuffs of the dibenzanthrone series, Vat. P. Nawiasky and A. Ehrhardt. 1,926,555; Sept. 12.
- Dyestuffs of the diphenylmethane series, Green. B. Francke. 1,938,014; Dec. 5.
- Dyestuffs of the isodibenzanthrone series and making them, Vat. M. A. Kunz and K. Koeberle. 1,901,808; Mar. 14.
- Dyestuffs of the 1,4,5,8-naphthylene-diaryl-imidazol series and preparing them, Vat. W. Eckert. 1,928,719; Oct. 3.
- Dyestuffs of the perylene series, Manufacturing vat. A. Pongratz and A. Zinke. 1,903,708; Apr. 11.
- Dyestuffs of the polymethylene series, Manufacture of. R. Tobler and W. Kern. 1,899,122; Feb. 28.
- Dyestuffs of the pyranthrone series, Vat. M. A. Kunz, H. Neresheimer, and K. Koeberle. 1,906,281; May 2.
- Dyestuffs of the pyrazolanthrone series and making them, Vat. P. Nawiasky and A. Krause. 1,920,426; Aug. 1.
- Dyestuffs of the quinoline-anthraquinone series and the products, Production of vat. H. Neresheimer and G. Boehner. 1,897,439; Feb. 14.
- Dyestuffs of the 3,4,8,9- and 4,5,8,9-dibenzpyrenequinone series and preparing them, G. Kraenzlein, H. Vollmann, and M. Corell. 1,901,807; Mar. 14.
- Dyestuffs on the fiber and new compositions of matter, Azo. J. Haller and C. Taube. 1,893,991; Jan. 10.
- Dyestuffs, Orange to reddish-orange water insoluble azo. H. Heyna. 1,914,427; June 20.
- Dyestuffs, Polyazo. R. B. Payne. 1,938,976; Dec. 12.
- Dyestuffs, Preparing anhydrous leuco vat. R. S. Barnes, J. E. G. Harris, B. Wylam, and J. Thomas. 1,930,409; Oct. 10.
- Dyestuffs, Production of anthraquinone. D. G. Rogers, J. Ogilvie, and J. H. Crowell. 1,937,531; Dec. 5.
- Dyestuffs, Purification of blue vat. P. Nawiasky. 1,923,226; Aug. 22.
- Dyestuffs, Secondary diazo. J. Baddiley and J. Hill. 1,901,278; Mar. 14.
- Dyestuffs, Thionaphthene-indole condensation vat. K. Thiess, T. Meissner, W. Zerbeck, and E. Runne. 1,925,217; Sept. 5.
- Dyestuffs, Vat. G. Kalischer, R. Ritter, and F. Baumann. 1,931,196; Oct. 17.
- Dyestuffs, Vat. M. A. Kunz and K. Koeberle. 1,909,690; May 16.
- Dyestuffs, Vat. M. A. Kunz and K. Koeberle. 1,909,691; May 16.
- Dyestuffs, Water-insoluble disazo. H. Eichwede and A. Koch. 1,932,577; Oct. 31.
- Dynamite and the like, Plastic waterproof compositions for blasting. D. E. Pearsall. 1,917,540; July 11.
- Dynamo-electric machine. F. Bauer. 1,899,741; Feb. 28.
- Dynamo-electric machine. R. N. Early. 1,899,797; Feb. 28.
- Dynamo-electric machine. R. N. Early. 1,899,858; Feb. 28.
- Dynamo-electric machine. R. N. Early. 1,899,859; Feb. 28.
- Dynamo-electric machine. J. F. Lincoln and E. E. Dreese. 1,918,763; July 18.
- Dynamo-electric machine. T. G. Myers. 1,920,315; Aug. 1.
- Dynamo-electric machine. G. L. Ringland. 1,918,867; July 18.
- Dynamometer. H. Ewing and R. P. Roberts. 1,904,678; Apr. 18.
- Dynamotor. L. P. Kongsted. 1,907,831; May 9.
- Dynatron receiver. P. O. Farnham. 1,909,940; May 23.
- Ear guard. L. F. Dolder. 1,909,856; May 16.
- Earpiece for earphones. H. Lieber. 1,893,474; Jan. 3.
- Ear spinning tool. W. E. Burns. 1,907,038; May 2.
- Earth aluminates, Preparation of alkaline. J. Stöhr. 1,916,697; July 4.
- Earth boring apparatus. A. E. Englebright, F. J. Foret, and J. E. C. Currens. 1,932,068; Oct. 24.

- Earth boring apparatus. J. F. Mellor. 1,902,968; Mar. 28.
- Earth boring apparatus. C. L. Powell and H. R. Smith. 1,904,249; Apr. 18.
- Earth boring apparatus. H. R. Smith. 1,916,688; July 4.
- Earth boring drill. L. C. Black. 1,937,867; Dec. 5.
- Earth boring machines. Telescoping boring bar for. H. M. Loeber and A. P. Elliott. 1,897,434; Feb. 14.
- Earth conditioning implement. G. R. Botnen. 1,899,306; Feb. 28.
- Earth drilling bit. C. R. Solum. 1,895,526; Jan. 31.
- Earth exploration. Method of and apparatus for electric. R. Ambrohn. 1,897,688; Feb. 14.
- Earth mover. E. W. Austin. 1,928,778; Oct. 3.
- Earth moving device. R. L. Harrison. 1,924,358; Aug. 29.
- Earth moving device. R. L. Harrison. 1,924,360; Aug. 29.
- Earth moving device. J. S. Stewart. 1,932,608; Oct. 31.
- Earth pulverizing machine. C. Jass. 1,905,386; Apr. 25.
- Earth surface mixer. C. W. Wood. 1,916,548; July 4.
- Earthwork and making same. C. O. Sherrill. 1,900,205; Mar. 7.
- Earthworking implement. R. W. Ammons. 1,896,568; Feb. 7.
- Earth working implement. L. G. Gadd. 1,916,833; July 4.
- Earth working implement. G. Geraldson. 1,893,619; Jan. 10.
- Earth working implement. G. Geraldson. 1,925,318; Sept. 5.
- Earth working tool. C. A. Henneuse. 1,907,807; May 9.
- Easel. J. Watson. 1,900,375; Mar. 7.
- Easel box. F. H. Mix and F. Windfuhr. 1,939,824; Dec. 19.
- Easel, card holder, or the like. G. H. Johns. 1,910,548; May 23.
- Easel, Collapsible. H. V. Marsh. 1,922,626; Aug. 15.
- Easel, Display. W. K. Achert. 1,909,276; May 16.
- Easel, Folding. H. V. Marsh. 1,938,343; Dec. 5.
- Easel for displaying placards or the like. R. M. Allen. Des. 90,905; Oct. 24.
- Easy opening container. C. J. Aulbach. 1,895,386; Jan. 24.
- Easy opening container. W. F. Punte. 1,935,523; Nov. 14.
- Eaves construction for wood deck storage tanks. E. R. Schaeffer. 1,907,590; May 9.
- Eaves-trough clamping tool. A. M. Moore. 1,924,799; Aug. 29.
- Eaves-trough hanger. W. H. and W. J. Gray. 1,903,861; Apr. 18.
- Eaves trough hanger. B. Nord. 1,923,276; Aug. 22.
- Ebonite in which stone chippings or the like are incorporated. Manufacturing. F. C. van Heurn. 1,905,404; Apr. 25.
- Ebullition initiator. C. J. Lauer and H. R. McPhail. 1,921,573; Aug. 8.
- Eccentric. W. L. Lamley. 1,907,326; May 2.
- Eccentric. Adjustable throw. C. W. Mueller. 1,903,932; Apr. 18.
- Eccentric and concentric turning apparatus. Combined. W. F. Groene and A. W. Aufderhar. 1,918,331; July 18.
- Eccentric lifting device. H. Breitwieser. 1,893,014; Jan. 3.
- Eccentric or draw rod for stone crushers. F. Helmrich. 1,895,390; Jan. 24.
- Eccentric rock bit, Double socket. E. L. Rath. 1,914,042; June 13.
- Economizer. D. S. Jacobus. 1,905,470; Apr. 25.
- Economizer. G. W. Lancford. 1,916,004; June 27.
- Edge construction for desk tops and the like. F. A. Schmitz. 1,911,165; May 23.
- Edge construction, Rolled. M. C. Phenix. 1,894,831; Jan. 17.
- Edge finishing machine. J. B. Coffey. 1,926,037; Sept. 12.
- Edge formation for composite panels and making same. G. K. Lewis. 1,930,345; Oct. 10.
- Edge guard. J. W. Trew and A. E. Rice. 1,930,374; Oct. 10.
- Edge-guide for book-sewing machines. P. A. Herr. 1,934,426; Nov. 7.
- Edge-lining strips. Manufacture of. M. Spuhr and H. Hannes. 1,935,526; Nov. 14.
- Edge-setting machine. A. R. Morrill. 1,919,740; July 25.
- Edge trimmer. S. C. Amoss. 1,940,160; Dec. 19.
- Edge trimmer, Automatic. A. R. Morrill. 1,897,526; Feb. 14.
- Edge trimming machine. A. R. Morrill. 1,921,165; Aug. 8.
- Edge trimming tool. R. H. Stoddard. 1,915,557; June 27.
- Edges for flash welding tubes, Aligning. W. F. Heineman. 1,921,227; Aug. 8.
- Edging. S. C. Awbrey. 1,936,224; Nov. 21.
- Edging apparatus. H. J. Hamann. 1,901,510; Mar. 14.
- Edging attachment for drum sanding machines. H. L. Myers. 1,914,280; June 13.
- Edgings, Ornamental. R. Loeb. 1,925,146; Sept. 5.
- Edible and making same. Solidified. C. Parker. 1,915,614; June 27.
- Edible preparing machine. J. Kalvin. 1,933,557; Nov. 7.
- Edible product. B. J. Friedman. Des. 89,884; May 16.
- Edible receptacle. A. W. Davison. Des. 88,951; Jan. 10.
- Edible substances. Heat treating. F. D. Chapman. 1,901,083; Mar. 14.
- Educational apparatus. R. F. and O. H. Pollard. 1,932,909; Oct. 31.
- Educational apparatus. A. L. Runyan. 1,930,286; Oct. 10.
- Educational appliance. C. W. Burger. 1,920,291; Aug. 1.
- Educational appliance. A. L. Kamen. Des. 90,769; Sept. 26.
- Educational device. H. Alpen. 1,938,616; Dec. 12.
- Educational device. F. E. Fisher. 1,904,723; Apr. 18.
- Educational device. A. V. Griffin. 1,903,831; Apr. 25.
- Educational device. V. B. Nelson. 1,895,814; Jan. 31.
- Educational device. E. G. Plasterer. 1,912,094; May 30.
- Educational device. L. M. Rudolph. 1,912,406; June 6.
- Educational device. J. Y. Taylor. 1,918,298; July 18.
- Educational device for teaching athletic plays. L. P. Andreas. 1,927,695; Sept. 19.
- Educational drawing instrument. E. L. Dixon. 1,899,318; Feb. 28.
- Educational test appliance. C. F. Dutton. 1,915,653; June 27.
- Eel grip. H. N. Kaiser. 1,902,453; Mar. 21.
- Egg and making same, Preserved. H. Heuser. 1,900,444; Mar. 7.
- Egg beater. M. M. L. Burrell. 1,918,738; July 18.
- Eggbeater. C. E. Little. 1,928,022; Sept. 26.
- Egg breaker. R. W. Regensburger. 1,925,405; Sept. 5.
- Egg breaker's table. A. W. De Vout and R. W. Regensburger. 1,934,915; Nov. 14.
- Egg candler. C. Y. Victor. 1,933,946; Nov. 7.
- Egg candling machine. J. F. King. 1,902,244; Mar. 21.
- Egg carrier. J. R. Roland and H. J. Trauner. 1,909,898; May 16.
- Egg case. G. E. Bomberger. 1,932,240; Oct. 24.
- Egg case carrier. L. L. Amspacker. 1,901,277; Mar. 14.
- Egg case cover. W. B. Green. 1,909,345; May 16.
- Egg case filler. A. S. T. Laguard. 1,909,771; May 16.
- Egg case filler. D. K. Swager. 1,937,603; Dec. 5.
- Egg cleaning machine. P. S. Martin. 1,918,653; July 18.
- Egg container. H. A. Inman. 1,894,402; Jan. 17.
- Egg container. E. H. Reeves. 1,926,916; Sept. 12.
- Egg container. C. F. Sweasey. 1,907,462; May 9.
- Egg crate top holder. R. A. Swanson. 1,906,344; May 2.
- Egg cutter. W. E. Foster. 1,918,463; July 18.
- Egg grading and candling device. A. J. Ingalls. 1,935,716; Nov. 21.
- Egg handling machine. E. F. Whitmore. 1,938,947; Dec. 12.
- Egg marking apparatus. C. K. Powell. 1,906,094; Apr. 25.
- Egg packing device. R. D. Junge. 1,894,591; Jan. 17.
- Egg preservation. P. F. Sharp. 1,922,143; Aug. 15.
- Egg processing machine. E. F. Whitmore. 1,925,511; Sept. 5.
- Egg product. S. Tranin. 1,897,775; Feb. 14.
- Egg product and making the same. N. Gray. 1,915,526; June 27.
- Egg product, Stabilized. C. J. Beckert, W. Kritchevsky, and B. R. Harris. 1,924,972; Aug. 29.
- Egg product, Stabilized. B. R. Harris, C. J. Beckert, and W. Kritchevsky. 1,924,990; Aug. 29.
- Egg product, Stabilized. W. Kritchevsky, B. R. Harris, and C. J. Beckert. 1,924,947; Aug. 29.
- Egg separator. K. Taniguchi. 1,896,498; Feb. 7.
- Eggshells, Cooking and drying. C. O. Ryde. 1,922,177; Aug. 15.
- Egg supporting and turning device during incubation. M. W. Olsen and H. T. Baker. 1,917,389; July 11.
- Egg testing apparatus. S. Goldrei. 1,906,459; May 2.
- Egg timer. R. Matthews. 1,921,036; Aug. 8.
- Egg turning mechanism for incubators. L. C. Sturgis. 1,918,939; July 18.
- Eggs and the like, Apparatus for processing of. L. Benoit. 1,932,720; Oct. 31.
- Eggs, Apparatus for grading and testing. W. Lenschow. 1,907,074; May 2.
- Eggs, Dyeing Easter. B. D. Augenblick. 1,935,901; Nov. 21.
- Eggs, Method and apparatus for incubation of. F. E. Stover. 1,911,249; May 30.
- Eggs, Packing of. L. Benoit. 1,913,655; June 13.
- Eggs, Preserving. P. Dverlaert. 1,929,735; Oct. 10.
- Eight cylinder radial motor. B. L. Baisden. 1,931,401; Oct. 17.
- 8-hydroxyquinoline compounds, Making. F. Mietzsch and H. Klös. 1,903,470; Apr. 11.
- Ejecting and delivery device for winding machines. J. A. Cameron. 1,918,016; July 11.
- Ejecting mechanism. V. A. Matec. 1,904,155; Apr. 18.
- Ejecting mechanism, Automatic. J. B. St. Maur. 1,921,173; Aug. 8.
- Ejector. R. Black. 1,901,797; Mar. 14.
- Ejector for cigarette packages or the like. C. H. Georger. 1,928,665; Oct. 3.
- Elastic articles and treating same. G. B. Meagher. 1,914,148; June 13.
- Elastic bracelet chain. S. A. Johnson. 1,937,700; Dec. 5.
- Elastic fabric. M. Baumgärtel. 1,908,725; May 16.
- Elastic fabric. W. Eustis. 1,924,598; Aug. 29.
- Elastic fabric. A. Knauer. Des. 89,770; May 2.
- Elastic fabric. T. F. Moore. 1,896,783; Feb. 7.
- Elastic fluid generator. A. R. Smith. 1,938,358; Dec. 5.
- Elastic shaft coupling. L. Thiry. 1,941,061; Dec. 26.
- Elastic webbing and making same. G. S. Van Voorhis. 1,922,020; Aug. 8.
- Elastic webbing, Woven. R. C. Fagan. Des. 89,749; May 2.

- Elastic woven fabric. A. A. Gobeille. 1,922,944; Aug. 15.
- Elbow. F. C. Fantz. 1,926,670; Sept. 12.
- Elbow, Adjustable. O. P. Nystrom. 1,909,309; May 16.
- Elbow holder for welding. D. W. Hickey. 1,928,892; Oct. 3.
- Electric accumulator. A. Pouchain. 1,900,616; Mar. 7.
- Electric accumulator. P. Wolf. 1,913,998; June 13.
- Electric advertising and demonstrating machine. S. M. Sager. 1,896,016; Jan. 31.
- Electric amplification of sounds. J. Kressmann. 1,923,870; Aug. 22.
- Electric annunciator. P. H. Crago. 1,913,699; June 13.
- Electric apparatus. I. Tucker. 1,932,994; Oct. 31.
- Electric apparatus and starting mechanism therefor, Gaseous. J. D. Forney. 1,930,086; Oct. 10.
- Electric apparatus for keeping food hot or heating same. E. G. F. Lockyer. 1,930,394; Oct. 10.
- Electric applicator machine. K. E. Golden. 1,914,947; June 20.
- Electric arc control. W. E. Stine and E. A. Smith. 1,906,496; May 2.
- Electric arc discharge tube. W. DeGroot and J. G. W. Mulder. 1,910,755; May 23.
- Electric arc furnace. J. Jonas. 1,913,161; June 6.
- Electric arc in a medium having a great dielectric strength. Striking and maintenance of an. J. Bethenod. 1,930,964; Oct. 17.
- Electric arc into an elongated flame, Converting the. E. Wist. 1,935,593; Nov. 14.
- Electric arc welding system. P. D. Crout. 1,928,848; Oct. 3.
- Electric attachment plug. J. G. Peterson. 1,921,096; Aug. 8.
- Electric automatic valve. E. E. Harter. 1,928,376; Sept. 26.
- Electric battery. G. W. Heise. 1,924,314; Aug. 29.
- Electric battery. W. B. Schulte and J. S. Zook. 1,937,045-6; Nov. 28.
- Electric blasting cap. G. A. Noddin. 1,906,869; May 2.
- Electric branding iron. R. Brindley. 1,905,364; Apr. 25.
- Electric butt welding. A. A. Smith. 1,897,079; Feb. 14.
- Electric cable. A. P. S. Bellis. 1,920,180; Aug. 1.
- Electric cable coupling for railway vehicles. W. F. K. Kaiser. 1,914,572; June 20.
- Electric capacitor. W. M. Bailey. 1,934,475; Nov. 7.
- Electric capacitor. F. M. Clark. 1,895,376; Jan. 24.
- Electric car heater. G. F. Wennagel and C. Thomas. 1,924,298; Aug. 29.
- Electric cell, Primary. R. H. Lapidus. 1,922,483; Aug. 15.
- Electric cigarette turning process and apparatus. G. Meyer-Jagenberg. 1,915,028; June 20.
- Electric circuit breaker. W. B. Whitney and E. B. Wedmore. 1,928,470; Sept. 26.
- Electric circuit controlling appliance. J. Sachs. 1,892,854; Jan. 3.
- Electric circuit installation for apartments. M. W. McArdle. 1,932,746; Oct. 31.
- Electric clock system. G. F. Harter. 1,892,699; Jan. 3.
- Electric coil. N. M. Rust. 1,932,640; Oct. 31.
- Electric commutator or the like having brushes consisting of conductive liquid jets. J. F. G. P. Hartmann. 1,930,933; Oct. 17.
- Electric condenser. J. H. de Boer and W. C. Van Geel. 1,925,307; Sept. 5.
- Electric condenser. R. W. Debrunner. 1,937,874; Dec. 5.
- Electric condenser. D. M. MacDonald. 1,921,086; Aug. 8.
- Electric condenser. A. E. Maibauer. 1,937,490; Nov. 28.
- Electric condenser. S. Ruben. 1,912,223; May 30.
- Electric condenser, Variable. M. H. Bennett and A. D. Cowperthwait. 1,917,487; July 11.
- Electric conductor. E. L. Andrew. 1,896,475; Feb. 7.
- Electric conductor. E. J. Schneider. 1,908,062; May 9.
- Electric connector. E. L. Andrew. 1,927,382; Sept. 19.
- Electric connector. G. Fossati. 1,896,443; Feb. 7.
- Electric connector. B. Leuvelink and W. L. Betts. 1,933,272; Oct. 31.
- Electric connector. F. L. Weiss. 1,917,745; July 11.
- Electric connector plug. H. D. Geyer. 1,918,533; July 18.
- Electric connector, Separable. H. L. Winkie. 1,923,901; Aug. 22.
- Electric connection particularly applicable to junction boxes. R. Oppenheim. 1,939,361; Dec. 12.
- Electric connection plug. A. R. Wolfe. 1,915,344; June 27.
- Electric contact gripping device. C. D. Fator. 1,911,444; May 30.
- Electric control device. C. W. Kuhn. 1,894,404; Jan. 17.
- Electric control device. W. Van Benschoten. 1,911,656; May 30.
- Electric control mechanism. V. G. Apple. 1,938,789; Dec. 12.
- Electric control system. L. Devoil. 1,900,406; Mar. 7.
- Electric control system. A. S. Fitz Gerald. 1,914,201; June 13.
- Electric control system. L. O. Grondahl and A. J. Sorensen. 1,900,407; Mar. 7.
- Electric control system. L. O. Grondahl and A. J. Sorensen. 1,900,411; Mar. 7.
- Electric control system. E. A. Hanff. 1,937,695; Dec. 5.
- Electric control system. A. J. Sorensen. 1,900,408-10; Mar. 7.
- Electric control system. A. J. Sorensen. 1,940,736; Dec. 26.
- Electric control system. C. G. Suits. 1,921,788; Aug. 8.
- Electric control system. D. E. Trucksess. 1,919,814; July 25.
- Electric control system. C. F. Whitney. 1,900,596; Mar. 7.
- Electric control system for power boats. E. Gray. 1,926,849; Sept. 12.
- Electric control unit. H. D. Colman and D. J. Stewart. 1,903,231; Mar. 28.
- Electric controller. V. G. Apple. 1,904,813; Apr. 18.
- Electric controlling apparatus. R. R. Burkle. 1,893,223; Jan. 3.
- Electric controlling apparatus. H. K. Kouyoumjian. 1,893,289; Jan. 3.
- Electric controlling apparatus. H. K. Kouyoumjian. 1,896,316; Feb. 7.
- Electric controlling apparatus. H. K. Kouyoumjian. 1,910,172; May 23.
- Electric convection heater. G. H. Phelps and V. E. Walters. 1,929,178; Oct. 3.
- Electric convenience outlet. V. R. Despard. Des. 89,684; Apr. 25.
- Electric cooking. M. Schwander. 1,903,883; Apr. 18.
- Electric cooking appliance. H. Howe. 1,912,355; May 30.
- Electric cord and cable. C. R. Boggs. 1,923,859; Aug. 22.
- Electric cord plug. P. D. Gunby. 1,934,799; Nov. 14.
- Electric coupling system. C. E. Trube. 1,908,934; May 16.
- Electric cream-whipper and drink mixer. I. Nauchumsohn. 1,935,857; Nov. 21.
- Electric crystal apparatus, Piezo-. R. H. Worrall. 1,899,127; Feb. 28.
- Electric crystal system, Piezo-. A. Crossley. 1,901,735; Mar. 14.
- Electric current interrupter. A. M. Curtis. 1,930,264; Oct. 10.
- Electric current regulator. R. Keller. 1,908,428; May 9.
- Electric current valve. J. G. H. Liebel and R. C. Jacquelet. 1,905,724; Apr. 25.
- Electric cut-out. E. O. Schweitzer. 1,895,491; Jan. 31.
- Electric cutting machine, Portable. I. Jeppsson. Des. 90,581; Aug. 29.
- Electric deposition of chromium. H. Kissel. 1,922,853; Aug. 15.
- Electric device. E. A. Everett. 1,896,813; Feb. 7.
- Electric devices, Manufacture of vapor. D. S. Bond. 1,918,244; July 18.
- Electric discharge apparatus. H. Ewest and M. Pirani. 1,930,123; Oct. 10.
- Electric discharge device. D. S. Bond. 1,913,427; June 13.
- Electric discharge device. D. S. Bond and K. S. Cadmus. 1,941,074; Dec. 26.
- Electric discharge device. A. H. Denzler. 1,913,432; June 13.
- Electric discharge device. A. W. Hull. 1,933,329; Oct. 31.
- Electric discharge device. D. Lely. 1,901,037; Mar. 14.
- Electric discharge device. H. E. Mendenhall. 1,934,369; Nov. 7.
- Electric discharge device. V. L. Ronci and C. Depew. 1,934,378; Nov. 7.
- Electric discharge device. S. Ruben. Re18,713; Jan. 17.
- Electric discharge device. S. P. Sashoff. 1,917,997; July 11.
- Electric discharge device. F. Schröter. 1,917,739; July 11.
- Electric discharge device. H. A. Wayringer. 1,935,423; Nov. 14.
- Electric discharge device and operating circuits therefor. J. D. Forney. 1,905,841; Apr. 25.
- Electric discharge device and operating same, Self-starting low gaseous. C. E. Kenty. 1,897,482; Feb. 14.
- Electric discharge device, Electrostatically controlled. F. Barton. 1,934,477; Nov. 7.
- Electric discharge device, Gaseous. L. J. Davies and H. D. Knight. 1,935,697; Nov. 21.
- Electric discharge device, Gaseous. W. de Groot. 1,919,932-3; July 25.
- Electric discharge device, Gaseous. H. Ewest and G. Gaidies. 1,915,019; June 20.
- Electric discharge device, Gaseous. H. Ewest and P. Herre. 1,930,122; Oct. 10.
- Electric discharge device, Gaseous. H. Ewest and M. Pirani. 1,905,831; Apr. 25.
- Electric discharge device, Gaseous. O. Fritze. 1,897,474; Feb. 14.
- Electric discharge device, Gaseous. G. Gaidies. 1,930,090; Oct. 10.
- Electric discharge device, Gaseous. M. Pirani. 1,897,586-7; Feb. 14.
- Electric discharge device, Gaseous. M. Pirani. 1,930,147; Oct. 10.
- Electric discharge device, Gaseous. M. Pirani. 1,930,149; Oct. 10.
- Electric discharge device, Gaseous. M. Pirani, H. Ewest, and G. Gaidies. 1,897,642; Feb. 14.
- Electric discharge device, Gaseous. M. Pirani, H. Ewest, and M. Reger. 1,930,148; Oct. 10.
- Electric discharge device, Gaseous. M. Pirani and M. Reger. 1,930,150; Oct. 10.
- Electric discharge device, Gaseous. M. Reger. 1,930,132; Oct. 10.

- Electric discharge device, Gaseous. G. Zecher. 1,906,039; Apr. 25.
- Electric discharge devices, Apparatus for and method of operating gaseous. J. D. Forney. 1,930,087; Oct. 10.
- Electric discharge devices, system for starting and operating gaseous. J. D. Forney. 1,905,840; Apr. 25.
- Electric discharge tube. C. Bol. 1,904,195; Apr. 18.
- Electric discharge tube. C. Bol. 1,916,408; July 4.
- Electric discharge tube. W. de Groot and E. H. Keerink. 1,905,688; Apr. 25.
- Electric discharge tube. H. T. Ramsay. 1,939,462; Dec. 12.
- Electric discharge tube. G. Zecher. 1,930,070; Oct. 10.
- Electric discharge tube for emitting rays. G. Holst. 1,930,097; Oct. 10.
- Electric distant recording apparatus. S. J. Harley. 1,908,347; May 9.
- Electric distribution system. G. E. Jansson. 1,919,466; July 25.
- Electric distribution system. A. Schmidt, jr. 1,927,809; Sept. 19.
- Electric distribution system. C. W. Stone. 1,915,074; June 20.
- Electric distribution system. C. W. Stone. 1,920,814; Aug. 1.
- Electric distribution, System of. A. E. Anderson. 1,893,347; Jan. 3.
- Electric distribution, System of. A. E. Anderson. 1,917,083; July 4.
- Electric door operator. C. Norton. 1,922,708; Aug. 15.
- Electric driving unit, Geared. W. R. Uggla. 1,909,435; May 16.
- Electric energy, Method of and apparatus for generating. E. Kupp. 1,916,076; June 27.
- Electric equipment for mining machines. N. D. Levin. 1,903,703; Apr. 11.
- Electric equipment for mining machines. N. D. Levin and J. S. Beltz. 1,903,701; Apr. 11.
- Electric equipment for mining machines. N. D. Levin and J. S. Beltz. 1,903,704; Apr. 11.
- Electric fault responsive apparatus. A. S. Fitz Gerald. 1,929,059; Oct. 3.
- Electric fire. N. M. Bell. 1,939,331; Dec. 12.
- Electric fitting. L. Propp. 1,938,039; Dec. 5.
- Electric fittings, Accessories for. L. Barnett. 1,921,447; Aug. 8.
- Electric fixture. L. M. Rubin. Des. 90,455; Aug. 8.
- Electric fixture. M. N. Russell. 1,895,050; Jan. 24.
- Electric fixture and mounting therefor. M. N. Russell. 1,906,770; May 2.
- Electric fixture support. F. B. Adam. 1,939,645; Dec. 19.
- Electric floor machine. W. L. McGee. 1,937,287; Nov. 28.
- Electric fluid heater. W. J. Baker. 1,902,877; Mar. 28.
- Electric fluid heater. W. L. Evans. 1,906,144-5; Apr. 25.
- Electric fuel pump. J. B. Whitted. 1,908,092; May 9.
- Electric furnace. H. I. Altshuler and G. B. Lantz. 1,913,580; June 13.
- Electric furnace. H. Blomberg. 1,930,337; Oct. 10.
- Electric furnace. F. A. Fahrenwald. 1,901,499; Mar. 14.
- Electric furnace. T. H. Forde. 1,907,290; May 2.
- Electric furnace. R. Gränzer. 1,933,851; Nov. 7.
- Electric furnace. A. G. Lohley. 1,906,799; May 2.
- Electric furnace. R. G. Mansfield. 1,922,812; Aug. 15.
- Electric furnace. A. H. Pehrson. 1,917,730; July 11.
- Electric furnace. C. E. Schwegler. 1,902,668; Mar. 21.
- Electric furnace. G. L. Simpson. 1,895,269; Jan. 24.
- Electric furnace. O. Zingg. 1,932,567; Oct. 31.
- Electric furnace, Induction. E. F. Northrup. 1,912,214; May 30.
- Electric gauge. R. W. Cowan. 1,927,337; Sept. 19.
- Electric gauge. A. V. Mershon and B. C. Waite, jr. 1,928,457; Sept. 26.
- Electric generating system, Constant current variable voltage. G. Austin, J. C. and W. A. Macfarlane. 1,901,218; Mar. 14.
- Electric generator. G. A. Schuchman. 1,910,063; May 23.
- Electric generator, distributor, and method of application, Homopolar. E. Chapman. 1,905,147; Apr. 25.
- Electric glow discharge tube. H. Rinia. 1,912,097; May 30.
- Electric hand flash light. J. L. Shannon. 1,022,332; Aug. 15.
- Electric heading machine and control therefor. K. C. Monroe. 1,940,264; Dec. 19.
- Electric heater. C. C. Abbott. 1,904,594; Apr. 18.
- Electric heater. I. T. Bennett. 1,899,933; Mar. 7.
- Electric heater. J. A. Bried. 1,928,643; Oct. 3.
- Electric heater. G. D. Hoffman. 1,926,537; Sept. 12.
- Electric heater. E. S. Johnson. 1,919,558; July 25.
- Electric heater. H. G. Landis. 1,903,219; Mar. 28.
- Electric heater. I. Lubbock and J. R. Joyce. 1,939,125; Dec. 12.
- Electric heater. J. Manzitto. 1,906,169; Apr. 25.
- Electric heater. D. S. Marshall. 1,901,038; Mar. 14.
- Electric heater. J. C. Morgan. 1,923,874; Aug. 22.
- Electric heater. J. R. Moyle. 1,916,066; June 27.
- Electric heater. R. J. Parsons. 1,935,163; Nov. 14.
- Electric heater. W. A. Rankin. 1,917,461; July 11.
- Electric heater for circulating fluids. E. Feendt and C. Schörg. 1,918,637; July 18.
- Electric heaters, Thermostat. E. L. Fonseca. 1,937,058; Nov. 28.
- Electric heating and cooking appliance. E. R. del Riccio. 1,904,205; Apr. 18.
- Electric heating apparatus. E. D. McArthur. 1,900,573; Mar. 7.
- Electric heating device. H. Frank and R. L. Galinat. 1,911,272; May 30.
- Electric heating element. R. Von Brockdorff. 1,897,089; Feb. 14.
- Electric heating element, Manufacturing. K. Noguchi. 1,910,041; May 23.
- Electric heating elements, Equalizing resistance of enlarged ends of. C. H. Boyles. 1,925,129; Sept. 5.
- Electric heating furnace. D. J. Bienenstock. 1,897,883; Feb. 14.
- Electric heating furnace. G. L. Simpson. 1,923,644; Aug. 22.
- Electric heating or cooking apparatus for food. I. T. Stokes and A. G. Ionides. 1,893,253; Jan. 3.
- Electric heating system. L. A. Kempton. 1,919,949; July 25.
- Electric heating unit and manufacturing the same. A. W. Walker and A. L. Smith. 1,905,770; Apr. 25.
- Electric house heater. E. F. Holinger. 1,902,074; Mar. 21.
- Electric ice cap. C. S. Hassell. 1,896,953; Feb. 7.
- Electric ignition and starting apparatus for internal combustion engines. T. B. Hughes and W. Zellweger. 1,898,370; Feb. 21.
- Electric ignition apparatus, Make and break device for. W. Walther. 1,908,274; May 9.
- Electric ignition device. G. F. Rolland. Re18,837; May 23.
- Electric illuminating apparatus. W. F. Westendorp. 1,913,181; June 6.
- Electric illuminating apparatus, Portable. L. O. Brown. 1,900,906; Mar. 14.
- Electric illuminating device. R. M. Eaton. 1,932,102; Oct. 24.
- Electric illuminating device, Portable. R. M. Eaton. 1,914,970; June 20.
- Electric illumination, Link chain for. W. Reichmann. 1,916,489; July 4.
- Electric imitation fire. H. H. Berry. 1,902,274; Mar. 21.
- Electric immersion heater for high temperatures. K. Bader. 1,918,314; July 18.
- Electric incandescent lamp. J. A. M. Van Liempt. 1,925,857; Sept. 5.
- Electric induction furnace. W. Adam, jr. 1,914,354; June 20.
- Electric induction furnace. A. E. Greene. 1,920,380; Aug. 1.
- Electric induction furnace. E. F. Northrup. 1,895,421; Jan. 24.
- Electric induction furnace. K. Schmidt. 1,920,325; Aug. 1.
- Electric installation. P. R. Dijksterhuis. 1,939,338; Dec. 12.
- Electric instrument. M. Eastham. 1,901,343; Mar. 14.
- Electric insulator. E. Gramus. 1,927,639; Sept. 19.
- Electric keyless lock. J. M. Marateck. 1,938,150; Dec. 5.
- Electric lamp. H. A. Douglas. 1,905,818; Apr. 25.
- Electric lamp. H. A. Douglas. 1,935,146; Nov. 14.
- Electric lamp. E. Green. 1,928,174; Sept. 26.
- Electric lamp. G. Leiva. 1,906,234; May 2.
- Electric lamp. L. O. Parker. 1,937,912; Dec. 5.
- Electric lamp. G. Pupala. 1,940,509; Dec. 19.
- Electric lamp. L. A. Ramsden. Des. 89,921; May 16.
- Electric lamp holder. J. R. Pullon. 1,910,306; May 23.
- Electric lamp, Incandescent. J. van Eck and F. Fekkes. 1,935,255; Nov. 14.
- Electric lamp, Portable. L. Ludwig. 1,926,239; Sept. 12.
- Electric lamp, Portable. G. Wheat. 1,905,774; Apr. 25.
- Electric lamp, Reflecting. H. A. Douglass. 1,911,610; May 30.
- Electric lamp socket. J. Weber. 1,918,726; July 18.
- Electric lamps and bulbs, Reclaiming. A. M. Butler and R. C. Lane. 1,920,528; Aug. 1.
- Electric lead connector. R. Parrish. 1,916,488; July 4.
- Electric light. B. S. Floraday. 1,915,125; June 20.
- Electric light. B. S. Floraday. 1,918,803; July 18.
- Electric light. B. S. Floraday. 1,937,111; Nov. 28.
- Electric light. E. P. Seghers. 1,914,583; June 20.
- Electric light fixture. H. L. Berman. 1,912,633; June 6.
- Electric light fixture. W. P. Crockett and W. P. Crockett, jr. 1,907,043; May 2.
- Electric lighting device. R. M. Eaton. 1,908,330; May 9.
- Electric lighting fixture. W. von Nessen. 1,904,703; Apr. 18.
- Electric liquid heating apparatus. E. L. Wiegand. 1,913,298; June 6.
- Electric machine. O. P. Koch. 1,924,364; Aug. 29.
- Electric machine. F. Ljungström. 1,941,038; Dec. 26.
- Electric machine. B. C. von Platen. 1,905,660; Apr. 25.
- Electric machine. B. C. von Platen and L. A. G. Reiland. 1,916,240-1; July 4.
- Electric machine and making it, Dynamo. V. G. Apple. 1,934,903; Nov. 14.
- Electric machine and system of control therefor, Dynamo. V. Dudick. 1,895,379; Jan. 24.
- Electric machine construction, Dynamo. W. G. Schneider. 1,917,552; July 11.
- Electric machine construction, Dynamo. H. Weichsel. 1,896,265; Feb. 7.
- Electric machine, Dynamo. C. O. Bergstrom. 1,914,988; June 20.
- Electric machine, Dynamo. P. I. Chandeysson. 1,915,153; June 20.

- Electric machine, Dynamo. P. I. Chandeysson. 1,922,028; Aug. 15.
- Electric machine, Dynamo. E. E. Dreese. 1,915,778; June 27.
- Electric machine, Dynamo. R. N. Early. 1,901,586; Mar. 14.
- Electric machine, Dynamo. K. L. Hansen. 1,912,075; May 30.
- Electric machine, Dynamo. F. S. Kingston. 1,910,610; May 23.
- Electric machine, Dynamo. G. Perommer and A. Strotbeck. 1,935,230; Nov. 14.
- Electric machine, Dynamo. H. L. Smith. 1,898,982; Feb. 21.
- Electric machine, Dynamo. H. L. Smith. 1,916,339; July 4.
- Electric machine, Dynamo. H. L. Smith. 1,924,135; Aug. 29.
- Electric machine, Dynamo. H. L. Smith. 1,932,286; Oct. 24.
- Electric machine, Dynamo. H. L. Smith, F. J. Rathbun, and A. M. Forman. 1,921,845; Aug. 8.
- Electric machine, Dynamo. H. Weichsel. 1,896,264; Feb. 7.
- Electric machine element, Dynamo. V. G. Apple. 1,911,341; May 30.
- Electric machine element, Dynamo. V. G. Apple. 1,925,892; Sept. 5.
- Electric machine for recording stenographically the spoken word. C. and J. A. Richardson. 1,923,505; Aug. 22.
- Electric machine regulation, Dynamo. W. H. Powell. 1,913,952; June 13.
- Electric machine rotor. E. Hunziker. 1,894,273; Jan. 17.
- Electric machine stator with noncorrosive lining, Dynamo. V. G. Apple. 1,921,111; Aug. 8.
- Electric machine, Totally enclosed dynamo. L. Fleischmann. 1,906,849; May 2.
- Electric machine, Totally inclosed dynamo. C. W. Rice. 1,907,583; May 9.
- Electric machines, Multi-speed synchronous dynamo. P. L. Alger. Re18,811; May 2.
- Electric machines, System and method for heating dynamo. E. Brown. 1,930,994; Oct. 17.
- Electric measuring instrument. B. G. La Bar. 1,909,112; May 16.
- Electric meter. F. H. Batt. 1,913,260; June 6.
- Electric meter. D. B. Blattner and H. F. Hopkins. 1,912,426; June 6.
- Electric meter. R. C. Fryer. 1,908,833; May 16.
- Electric meter. H. F. Willis, jr. 1,923,347; Aug. 22.
- Electric motor. G. L. Bossard. 1,934,963; Nov. 14.
- Electric motor. A. A. Clarke and J. Wilkiewicz. 1,910,321; May 23.
- Electric motor. A. C. Elley. 1,928,416; Sept. 26.
- Electric motor. D. B. Foust. 1,912,441; June 6.
- Electric motor. A. C. Gilbert. 1,926,441; Sept. 12.
- Electric motor. A. W. Haydon. 1,935,208; Nov. 14.
- Electric motor. L. E. Heinrich. 1,922,806; Aug. 15.
- Electric motor. D. B. Hoseason. 1,920,309; Aug. 1.
- Electric motor. J. T. Janette. 1,932,736; Oct. 31.
- Electric motor. F. S. Kingston. 1,935,800; Nov. 21.
- Electric motor. F. Kurl. 1,933,440; Oct. 31.
- Electric motor. C. E. L. Lipman. 1,919,522; July 25.
- Electric motor. F. J. Lyden. 1,908,522; May 9.
- Electric motor. W. E. Masterson and H. Price. 1,893,629; Jan. 10.
- Electric motor. E. Nielsen. 1,909,497; May 16.
- Electric motor. A. G. Redmond. 1,896,972; Feb. 7.
- Electric motor. J. Schick. 1,922,824; Aug. 15.
- Electric motor. T. J. Smulski. 1,907,221; May 2.
- Electric motor. H. E. Warren. 1,913,179; June 6.
- Electric motor. H. E. Warren. 1,917,173; July 4.
- Electric meter. H. F. Willis, jr. 1,937,451; Nov. 28.
- Electric motor control for juvenile automotive vehicles. V. G. Apple. 1,911,342; May 30.
- Electric motor-controlling means. A. M. Flanders and J. T. Dessureau. 1,924,775; Aug. 29.
- Electric motor-driven roll. A. M. MacCutcheon. 1,898,551; Feb. 21.
- Electric motor, Eddy current. A. Callsen. 1,925,626; Sept. 5.
- Electric motor, Reversible. G. T. Anderson. 1,935,606; Nov. 21.
- Electric motor unit. A. F. Dormeyer. 1,928,965; Oct. 3.
- Electric motor unit construction for motor driven tools. E. P. Sacrey. 1,915,449; June 27.
- Electric oscillations. Converting the frequency of. M. Vos. 1,934,574; Nov. 7.
- Electric outlet bracket. J. H. Glatly. 1,933,053; Oct. 31.
- Electric outlet structure, Multiple. B. B. Brudie. 1,938,372; Dec. 5.
- Electric outlet, Universal. E. Batter. 1,912,424; June 6.
- Electric outlet with wire tap. L. Ludwig. 1,909,412; May 16.
- Electric pick-up. J. M. Kendall. 1,906,615; May 2.
- Electric plant. Wind. G. Manikowske, G. Feneis and W. Manikowske. 1,894,357; Jan. 17.
- Electric plug. W. T. Anderson. 1,917,683; July 11.
- Electric plug. J. Casinena. 1,926,936; Sept. 12.
- Electric plug. G. Eaton. 1,905,452; Apr. 25.
- Electric plug. E. Loosli. 1,917,803; July 11.
- Electric plug. K. B. Rondebush and H. G. Eilers. 1,899,360; Feb. 28.
- Electric plug connector. E. C. Raney. 1,922,394; Aug. 15.
- Electric potential indicator. A. J. Ferguson. 1,913,155; June 6.
- Electric potentials, Transmitting. W. Rogowski, W. Grösser, and J. Peek. 1,927,755; Sept. 19.
- Electric power converting apparatus. B. D. Bedford. 1,933,303; Oct. 31.
- Electric power converting apparatus. A. S. Fitz Gerald. 1,902,495; Mar. 21.
- Electric power converting apparatus. A. S. Fitz Gerald. 1,917,107; July 4.
- Electric power converting apparatus. A. S. Fitz Gerald. 1,919,976; July 25.
- Electric power converting apparatus. C. A. Sabbah. 1,902,468; Mar. 21.
- Electric power converting apparatus. C. H. Willis. 1,929,720; Oct. 10.
- Electric power mechanism for operating awnings. J. L. Stuart. 1,923,175; Aug. 22.
- Electric power, Method and apparatus for converting. L. A. Hazeltine. 1,904,455; Apr. 18.
- Electric power plant. L. C. Frank. 1,925,870; Sept. 5.
- Electric power transmission lines, Automatic isolation of parallel three-phase. C. J. Monk and E. F. Rendell. 1,897,009; Feb. 7.
- Electric power, Transmission of. A. W. Hull. 1,918,105; July 11.
- Electric protective apparatus. A. O. Austin. 1,893,319; Jan. 3.
- Electric protective system. H. Leben. 1,926,547; Sept. 12.
- Electric protective system and relay for use therein. H. Leben and N. Cooke. 1,924,247; Aug. 29.
- Electric protective system for elevators and the like. L. E. King. 1,922,163; Aug. 15.
- Electric radiant heater. L. Lebau. 1,910,113; May 23.
- Electric radiant heater. L. Lebau. 1,910,701; May 23.
- Electric rectifier. E. Presser. 1,926,884; Sept. 12.
- Electric rectifier control grid. W. Boveri and A. Leuthold. 1,908,949; May 16.
- Electric regulating apparatus. J. F. G. Petit. 1,932,164; Oct. 24.
- Electric regulating system. H. R. Crago. 1,910,202; May 23.
- Electric regulating system. R. C. Griffith. 1,926,280; Sept. 12.
- Electric regulation. J. L. Creveling. 1,900,277; Mar. 7.
- Electric regulation. J. L. Creveling. 1,908,012; May 9.
- Electric regulation. H. Grob. 1,916,975; July 4.
- Electric regulation, System and apparatus for. L. H. Von Ohlsen. 1,901,882; Mar. 21.
- Electric regulator. J. L. Creveling. 1,914,909; June 20.
- Electric regulator. A. S. Fitz Gerald. 1,893,768; Jan. 10.
- Electric regulator. A. S. Fitz Gerald. 1,926,275; Sept. 12.
- Electric regulator. A. S. Fitz Gerald and F. L. Gaines. 1,893,767; Jan. 10.
- Electric regulator. G. W. Garman. 1,893,771; Jan. 10.
- Electric regulator. A. E. Honey. 1,922,294; Aug. 15.
- Electric regulator. H. T. Lyman, jr. 1,893,780-1; Jan. 10.
- Electric regulator. H. M. Stoller. 1,895,498; Jan. 31.
- Electric regulator. H. M. Stoller. 1,930,911; Oct. 17.
- Electric regulator. H. M. Stoller. 1,936,692; Nov. 28.
- Electric regulator, Regenerative. S. P. Nixdorf and E. V. F. W. Alexanderson. 1,917,146; July 4.
- Electric relay. H. J. J. M. De Regnaud de Bellescize. 1,925,954; Sept. 5.
- Electric relay device for indicating weak currents. R. H. H. Gefcken and R. H. Richter. 1,898,046; Feb. 21.
- Electric reproducer. O. B. Parker. 1,916,162; June 27.
- Electric resistance. I. Silberstein. 1,900,206; Mar. 7.
- Electric resistance device. B. O. Templeton. 1,921,441; Aug. 8.
- Electric resistance unit. H. E. Trent and T. F. A. Edvar. 1,928,142; Sept. 26.
- Electric service connector. L. Feurstein and H. L. Kamber. 1,935,771; Nov. 21.
- Electric sheet-welding apparatus. C. G. Lloyd. 1,933,560; Nov. 7.
- Electric ship propulsion. G. O. Watson. 1,900,594; Mar. 7.
- Electric sign. M. B. Benson. 1,906,516; May 2.
- Electric sign. J. Z. Earley. 1,917,956; July 11.
- Electric sign. R. F. Schuchardt and E. D. Tillson. 1,928,705; Oct. 3.
- Electric sign, Interchangeable. V. L. Pistocco. 1,914,161; June 13.
- Electric signal system. J. C. McCune. 1,919,441; July 25.
- Electric signal system. T. H. Thomas. 1,910,575; May 23.
- Electric signaling device. L. J. Loeffler. 1,927,239; Sept. 19.
- Electric snap switch. A. W. Krieger. 1,905,914; Apr. 25.
- Electric snap switch. C. W. Kuhn and W. C. Stevens. 1,940,422; Dec. 19.
- Electric soldering tool. D. B. Linville and B. C. Canty. 1,893,093; Jan. 3.
- Electric sound recorder. H. A. M. Clark. 1,928,169; Sept. 26.
- Electric sound reproducing apparatus. L. B. Ault and T. F. Robinson. 1,914,191; June 13.
- Electric starting motor. J. Bohli. 1,910,588; May 23.
- Electric steam boiler. S. Caplan. 1,932,447; Oct. 31.
- Electric storage battery. E. W. Gay. 1,906,955; May 2.
- Electric supply system. H. Foale. 1,926,480; Sept. 12.

- Electric switch. C. D. Ainsworth. 1,904,397; Apr. 18.
 Electric switch. W. A. Atwood. 1,935,428; Nov. 14.
 Electric switch. A. O. Austin. 1,894,339; Jan. 17.
 Electric switch. C. E. Avery. 1,928,638; Oct. 3.
 Electric switch. T. S. Bindschedler. 1,908,881; May 16.
 Electric switch. A. J. Bowie. 1,907,141; May 2.
 Electric switch. G. A. Burnham. 1,912,176; May 30.
 Electric switch. W. B. Churcher. 1,918,798; July 18.
 Electric switch. J. J. Dante. 1,905,812; Apr. 25.
 Electric switch. W. Deans. 1,897,467; Feb. 14.
 Electric switch. A. Y. Dodge. 1,895,918; Jan. 31.
 Electric switch. A. Y. Dodge. 1,898,006; Feb. 21.
 Electric switch. H. A. Douglas. 1,909,664; May 16.
 Electric switch. H. A. Douglas. 1,912,623-4; June 6.
 Electric switch. H. A. Douglass. 1,941,252; Dec. 26.
 Electric switch. H. O. Engstrom. 1,923,428; Aug. 22.
 Electric switch. F. Farrell. 1,918,901; July 18.
 Electric switch. S. M. Friedman. 1,925,585; Sept. 5.
 Electric switch. F. P. Gates. 1,925,834; Sept. 5.
 Electric switch. B. E. Getchell. 1,893,827; Jan. 10.
 Electric switch. R. W. Goff. 1,919,979; July 25.
 Electric switch. S. S. Green. 1,920,031; July 25.
 Electric switch. M. Guett. 1,908,603; May 9.
 Electric switch. L. Haag. 1,900,929; Mar. 14.
 Electric switch. A. Hall. 1,900,236; Mar. 7.
 Electric switch. A. Hall. 1,929,492; Oct. 10.
 Electric switch. H. J. Hammerly. 1,898,443; Feb. 21.
 Electric switch. H. J. Hammerly. 1,903,180; Mar. 28.
 Electric switch. H. J. Hammerly. 1,915,991; June 27.
 Electric switch. H. J. Hammerly. 1,932,966; Oct. 31.
 Electric switch. C. Hatay. 1,930,093-4; Oct. 10.
 Electric switch. W. A. Heinrich. 1,903,455; Apr. 11.
 Electric switch. W. F. Helmond. 1,906,588; May 2.
 Electric switch. W. W. Hicks. 1,935,906; Nov. 21.
 Electric switch. E. A. Hoopes. 1,900,647; Mar. 7.
 Electric switch. A. Horst. 1,923,092; Aug. 22.
 Electric switch. E. B. Huddleson. 1,928,691; Oct. 3.
 Electric switch. W. F. Hurlburt and F. M. Vogel. 1,941,210; Dec. 26.
 Electric switch. C. G. and K. T. Johnson. 1,899,000; Feb. 28.
 Electric switch. G. A. Johnson. 1,898,186; Feb. 21.
 Electric switch. H. M. Keebler and F. Strattnr. 1,933,062; Oct. 31.
 Electric switch. L. A. Kempton. 1,901,653; Mar. 14.
 Electric switch. L. A. Kempton. 1,934,470; Nov. 7.
 Electric switch. C. G. Koppitz and H. B. Massey. 1,903,643; Apr. 11.
 Electric switch. C. W. Kuhn. 1,912,776; June 6.
 Electric switch. H. G. Lapsley. 1,908,430; May 9.
 Electric switch. W. O. Lehman. 1,928,940; Oct. 3.
 Electric switch. M. J. Lewis. 1,921,419; Aug. 8.
 Electric switch. G. W. Lieberum. 1,896,847; Feb. 7.
 Electric switch. M. P. Luther. 1,903,824; Apr. 18.
 Electric switch. J. I. Macy. 1,934,368; Nov. 7.
 Electric switch. H. B. Massey. 1,935,512; Nov. 14.
 Electric switch. P. J. McManaman. 1,903,428; Apr. 11.
 Electric switch. G. J. Meuer. 1,918,282; July 18.
 Electric switch. G. J. Meuer. 1,921,766; Aug. 8.
 Electric switch. H. E. Miller. 1,937,352; Nov. 28.
 Electric switch. G. M. Mortenson. 1,901,320; Mar. 14.
 Electric switch. T. J. Newman. 1,931,827; Oct. 24.
 Electric switch. H. E. Norviel. 1,906,085; Apr. 25.
 Electric switch. H. E. Norviel. 1,924,252; Aug. 29.
 Electric switch. F. H. Osborne. 1,940,267; Dec. 19.
 Electric switch. T. L. Parker. 1,916,849; July 4.
 Electric switch. J. G. Peterson. 1,894,002; Jan. 10.
 Electric switch. J. G. Peterson. 1,894,225; Jan. 10.
 Electric switch. L. A. M. Phelan. 1,929,606; Oct. 10.
 Electric switch. L. A. M. Phelan. 1,931,238; Oct. 17.
 Electric switch. H. F. Pinkham. 1,895,817; Jan. 31.
 Electric switch. F. W. Potter and F. C. Stuckel. 1,915,239; June 20.
 Electric switch. F. Riebel, jr., and D. M. Dow. 1,901,671; Mar. 14.
 Electric switch. R. N. Rowe. 1,894,543; Jan. 17.
 Electric switch. S. Rump. 1,918,869; July 18.
 Electric switch. S. Ruppel. 1,920,894; Aug. 1.
 Electric switch. E. Schacht. 1,941,274; Dec. 26.
 Electric switch. G. Schäfer. 1,898,691; Feb. 21.
 Electric switch. M. Schlenker. 1,912,163; May 30.
 Electric switch. G. Scott. 1,904,935; Apr. 18.
 Electric switch. P. G. Shaw. 1,919,990; July 25.
 Electric switch. R. R. Teichner and S. R. Yancey. 1,894,070; Jan. 10.
 Electric switch. W. C. Tregoning. 1,924,818; Aug. 29.
 Electric switch. E. J. von Henke. 1,907,688; May 9.
 Electric switch. H. M. Ward. 1,918,199; July 11.
 Electric switch. F. J. Watts. 1,912,607; June 6.
 Electric switch. F. J. Watts. 1,932,367; Oct. 24.
 Electric switch. G. O. Wilms. 1,901,573; Mar. 14.
 Electric switch. R. K. Winning. 1,908,204; May 9.
 Electric switch and closing and opening means therefor. G. A. Burnham. 1,918,378; July 18.
 Electric switch and means to delay the successive opening thereof. C. D. Ainsworth. 1,918,368; July 18.
 Electric switch. Arc reducing. T. E. McDowell. 1,905,038; Apr. 25.
 Electric switch arrangement. A. O. Austin. 1,925,168; Sept. 5.
 Electric switch gear. C. S. Agate and W. A. J. Thorn. 1,894,747; Jan. 17.
 Electric switch. Hydraulically operated. J. W. White. 1,918,880; July 18.
 Electric switch lock. F. W. Kulicke. 1,905,110; Apr. 25.
 Electric switch, Lock controlled. E. L. Teich. 1,931,308; Oct. 17.
 Electric switch mounting for vehicle spot lamps. R. H. Hummert. 1,918,845; July 18.
 Electric switch, Pressure operated. E. J. Dashner. 1,912,436; June 6.
 Electric switch, Pressure responsive. F. W. Körver. 1,916,427; July 4.
 Electric switch, Push button. E. Ratner. 1,929,900; Oct. 10.
 Electric switch, Push button. M. G. Rees. 1,903,135; Mar. 28.
 Electric switch, Safety. C. A. De Giers. 1,916,717; July 4.
 Electric switch, Speed responsive. C. F. Thompson. 1,897,405; Feb. 14.
 Electric switch, Thermostatic. B. E. Getchell. 1,928,484; Sept. 26.
 Electric switch, Thermostatic. M. E. Staley. 1,892,858; Jan. 3.
 Electric switch, Time-controlled. J. Mettler. 1,902,570; Mar. 21.
 Electric switching device. A. Herz. 1,916,616; July 4.
 Electric swivel connector. C. H. Golden and J. B. Smith. 1,929,686; Oct. 10.
 Electric swivel connection. O. G. Halliburton. 1,925,095; Sept. 5.
 Electric system. J. L. Creveling. 1,900,278; Mar. 7.
 Electric system for motor vehicles. L. A. Koch, jr. 1,928,978; Oct. 3.
 Electric system for recording and reproducing sound. E. H. Hansen. 1,916,510; July 4.
 Electric terminal and resistance device. G. F. Benkelman. 1,909,248; May 16.
 Electric thermostatic control. L. Ireland. 1,926,386; Sept. 12.
 Electric time switch. O. K. Ellinger. 1,929,578; Oct. 10.
 Electric time switch, Coin controlled. J. J. Jwanouskous and A. DeZeler. 1,936,673; Nov. 28.
 Electric time system. L. S. Harrison. 1,926,901; Sept. 12.
 Electric timing and counting device. B. D. Bedford. 1,927,676; Sept. 19.
 Electric tool, Portable. L. C. Packer. 1,922,258; Aug. 15.
 Electric tool, Portable. J. M. Rohling. 1,894,634; Jan. 17.
 Electric toy trackage. L. G. Handy. 1,912,193-6; May 30.
 Electric traction system employing compound motors. L. Baqueyriss. 1,905,428; Apr. 25.
 Electric train lighting system. J. J. Kennedy. 1,908,985; May 16.
 Electric translating system. A. Boyajian. 1,895,370; Jan. 24.
 Electric transmission of visual representation. C. F. Jenkins. 1,897,481; Feb. 14.
 Electric transmissions, System of. F. W. Gay. 1,896,399; Feb. 7.
 Electric upsetting. G. Benedetto. 1,938,994; Dec. 12.
 Electric utility device and motor assembly. P. J. Fitzgerald. 1,898,945; Feb. 21.
 Electric vacuum cleaner. O. M. Anderson. Des. 89,943; May 23.
 Electric valve converting apparatus. C. A. Sabbah. 1,918,870; July 18.
 Electric valve operator. H. D. Colman and D. J. Stewart. 1,903,229; Mar. 28.
 Electric valve operator. D. J. Stewart. 1,903,230; Mar. 28.
 Electric washing machine. E. S. Burdick and C. R. Thomson. 1,937,684; Dec. 5.
 Electric wave filter. E. Kramar. 1,938,073; Dec. 5.
 Electric wave transmission. R. A. Heising. 1,897,050; Feb. 14.
 Electric wave transmission system. E. T. Burton. 1,936,153; Nov. 21.
 Electric waves, Device for influencing the direction of. F. Gerth, W. Hahemann, and W. Scheppmann. 1,939,345; Dec. 12.
 Electric welding apparatus. A. A. Smith. 1,899,991; Mar. 7.
 Electric welding, Apparatus for. E. J. W. Ragsdale. 1,938,499; Dec. 5.
 Electric welding machine. M. E. Lobley. 1,906,323; May 2.
 Electric welding machine. G. A. Lutz. 1,913,713; June 13.
 Electric welding machine. F. P. McBerty. 1,900,834; Mar. 7.
 Electric welding machine. M. R. Wells. 1,901,211-12; Mar. 14.
 Electric wiring device. M. Guett. 1,909,270; May 16.
 Electric writing-computing machine, Automatic. H. A. Footrap. 1,904,127; Apr. 18.
 Electrical amplifier. P. N. Bossart. 1,905,209; Apr. 25.
 Electrical announcing system for apartments. L. Schwartz. 1,935,191; Nov. 14.
 Electrical and magnetic pulsations, Controlling. M. L. Severy. 1,914,173; June 13.
 Electrical apparatus. J. W. Allen. 1,921,719; Aug. 8.
 Electrical apparatus. P. L. Bellaschi. 1,940,840; Dec. 26.
 Electrical apparatus. H. G. Dybvig. 1,904,422; Apr. 18.
 Electrical apparatus. W. M. Haben. 1,913,544; June 13.
 Electrical apparatus. R. Higgins. 1,937,148; Nov. 28.
 Electrical apparatus. J. K. Hodnette. 1,940,863-4; Dec. 26.
 Electrical apparatus. M. W. Kenney. 1,924,862; Aug. 29.

- Electrical apparatus. E. O. Kieffer. 1,898,489; Feb. 21.
 Electrical apparatus. R. P. Lansing. 1,895,837; Jan. 31.
 Electrical apparatus. R. P. Lansing. 1,929,372; Oct. 3.
 Electrical apparatus. A. S. Mancib. 1,897,134; Feb. 14.
 Electrical apparatus. C. I. McNeil. 1,898,559; Feb. 21.
 Electrical apparatus. A. Meissner. 1,955,885; Nov. 21.
 Electrical apparatus. B. B. Nowosielski. 1,915,030; June 20.
 Electrical apparatus. H. V. Nye. 1,914,670; June 20.
 Electrical apparatus. F. H. Osborne and H. M. Threlkeid. 1,935,371; Nov. 14.
 Electrical apparatus. A. M. Poniatoff. 1,919,074; July 18.
 Electrical apparatus. A. J. Sorensen. 1,914,929; June 20.
 Electrical apparatus. C. G. Smith. Re18,846; May 30.
 Electrical apparatus. J. S. Smyser. 1,897,990; Feb. 14.
 Electrical apparatus. E. G. Swanson. 1,904,565; Apr. 18.
 Electrical apparatus. A. Urfer. 1,932,329; Oct. 24.
 Electrical apparatus. W. C. Wells. 1,909,139; May 16.
 Electrical apparatus. W. E. Wendt. 1,912,051; May 30.
 Electrical apparatus. O. Westermann. 1,907,633; May 9.
 Electrical apparatus. C. W. Wyman. 1,940,928; Dec. 26.
 Electrical apparatus. C. W. Wyman. 1,940,930; Dec. 26.
 Electrical apparatus. C. W. Wyman. 1,941,288; Dec. 26.
 Electrical apparatus and insulating bushing therefor. G. E. Jansson. 1,894,993; Jan. 24.
 Electrical apparatus and method. C. I. McNeil. 1,910,473; May 23.
 Electrical apparatus employing piezo-electric devices. J. Robinson. 1,898,895; Feb. 21.
 Electrical apparatus, High frequency. W. J. Brown. 1,922,195; Aug. 15.
 Electrical apparatus, Inclosed. H. H. Rugg. 1,936,802; Nov. 28.
 Electrical apparatus, Outdoor. C. D. Ainsworth. 1,899,658; Feb. 28.
 Electrical apparatus, Portable. C. V. Dame. 1,935,790; Nov. 21.
 Electrical apparatus, Protecting. M. Buchholz. 1,936,707; Nov. 28.
 Electrical arc resistance material. L. E. Barringer. 1,915,969; June 27.
 Electrical attachment plug. M. H. Kaefer. 1,912,147; May 30.
 Electrical attenuating system. S. Read, jr. 1,916,187; June 27.
 Electrical attenuator network. M. J. De Forest. 1,892,935; Jan. 3.
 Electrical characteristics of electrical conductors, Determination of. T. Zuschlag. 1,910,418; May 23.
 Electrical characteristics of transmission circuits and networks, Measurement of. H. G. Och and F. A. Hinshaw. 1,916,231; July 4.
 Electrical circuit-controlling device with minimum time delay element. C. L. Hanel. 1,929,552; Oct. 10.
 Electrical circuit for radioreceivers. S. Ballantine. 1,930,672; Oct. 17.
 Electrical clutch. J. W. Easter. 1,925,956; Sept. 5.
 Electrical coding and de-coding device. W. Korn. 1,938,028; Dec. 5.
 Electrical coil, Reinforced. V. G. Apple. 1,893,262; Jan. 3.
 Electrical compensating arrangement. F. J. Champlin. 1,921,728; Aug. 8.
 Electrical compensating arrangement. H. R. West. 1,921,713; Aug. 8.
 Electrical condenser. P. Dubilier. 1,907,758; May 9.
 Electrical condenser. L. Edenburg. 1,924,711; Aug. 29.
 Electrical condenser. W. O. Heyne and P. J. Packman. 1,906,857; May 2.
 Electrical condenser. F. Noller. 1,930,724; Oct. 17.
 Electrical condenser. G. W. Pickard. 1,938,857; Dec. 12.
 Electrical condenser. W. H. Priess. 1,907,578; May 9.
 Electrical condenser. S. Ruben. 1,918,716; July 18.
 Electrical condenser. S. Ruben. 1,918,717; July 18.
 Electrical condenser. G. Steerup. 1,909,079; May 18.
 Electrical conduit fitting. C. E. Rutherford. 1,917,950; July 11.
 Electrical connector. G. H. E. Berthold. 1,930,639; Oct. 17.
 Electrical connector. W. L. Betts and E. Soreny. 1,917,009; July 4.
 Electrical connector. R. Fitz Power. 1,899,824; Feb. 28.
 Electrical connector. C. Gough. 1,896,948; Feb. 7.
 Electrical connector. W. H. Harrington. 1,924,036; Aug. 22.
 Electrical connector. E. A. Horn. 1,903,715; Apr. 11.
 Electrical connector. R. T. Hosking. 1,921,823; Aug. 8.
 Electrical connector. H. Hubbell, jr. 1,932,018; Oct. 24.
 Electrical connector. R. Johnson and C. T. Siebs. 1,922,686; Aug. 15.
 Electrical connector. G. J. Meuer. 1,898,589; Feb. 21.
 Electrical connector. G. H. Moeller. 1,928,865; Oct. 3.
 Electrical connector. S. Richards. 1,935,061; Nov. 14.
 Electrical connector construction. E. V. Sundt and B. Kollath. 1,922,643; Aug. 15.
 Electrical connecting device. G. L. Chamberlain. 1,914,360; June 20.
 Electrical connecting device. W. G. Tregoning. 1,938,303; Dec. 5.
 Electrical connecting means. J. D. Noyes. 1,933,506; Oct. 31.
 Electrical connecting means for inclosed transformers. J. R. Gaston. 1,932,456; Oct. 31.
 Electrical connection. W. E. Eccles. 1,914,010; June 13.
 Electrical connection. W. D. Lindsey. 1,922,544; Aug. 15.
 Electrical connection. T. P. Searles. 1,925,283; Sept. 5.
 Electrical connection device. J. J. Brell. 1,038,093; Dec. 5.
 Electrical connection device. J. J. Brell. 1,923,073; Aug. 22.
 Electrical connection. Swiveled. V. W. Campbell. 1,931,600; Oct. 24.
 Electrical contact. C. Ringwald. 1,924,415; Aug. 29.
 Electrical contact and the manufacture thereof. J. A. Payette. 1,900,256; Mar. 7.
 Electrical contact element. S. Ruben. 1,932,678; Oct. 31.
 Electrical contact members, Manufacturing. A. H. Adams. 1,907,930; May 9.
 Electrical contact members, Manufacturing. F. E. Henderson. 1,907,931; May 9.
 Electrical contact members, Manufacturing. E. Pugh. 1,907,932; May 9.
 Electrical contact pin, Capped. W. J. Gagnon. 1,915,185; June 20.
 Electrical contacts, Testing of. J. B. Dixon and E. M. Honan. 1,901,901; Mar. 21.
 Electrical control and regulating circuits. C. A. Nickle. 1,907,559; May 9.
 Electrical control and system. C. M. and F. E. Tuttle. 1,925,547; Sept. 5.
 Electrical control apparatus. L. Gilman. 1,938,899; Dec. 12.
 Electrical control for can making machinery. W. K. Cabot. 1,916,255; July 4.
 Electrical control means for brakes. R. E. Adams. 1,903,801; Apr. 18.
 Electrical control system. W. H. Arkenburgh. 1,902,485; Mar. 21.
 Electrical control system. G. D. Bower. 1,924,907; Aug. 29.
 Electrical control system. B. J. Chromy. 1,906,046; Apr. 25.
 Electrical control system. L. J. Goldberg. 1,931,111; Oct. 17.
 Electrical control system. J. H. Hammond, jr. 1,825,924-5; Jan. 31.
 Electrical control system. G. F. Harter. 1,892,700; Jan. 3.
 Electrical control system. H. L. Palmer. 1,902,462; Mar. 21.
 Electrical control system. A. J. Sorensen. 1,901,047; Mar. 14.
 Electrical control system. W. E. Weaver. 1,894,838; Jan. 17.
 Electrical control system for mining machinery. N. D. Levin. 1,903,702; Apr. 11.
 Electrical controlling apparatus. M. B. Sleeper. 1,901,673; Mar. 14.
 Electrical controlling system for gas water heaters. R. J. Dougherty. 1,902,303; Mar. 21.
 Electrical coupling device. J. P. Coleman. 1,900,913; Mar. 14.
 Electrical current testing instrument. G. B. Stanton. 1,912,800; June 6.
 Electrical cut-out. I. W. Brogger. 1,907,494; May 9.
 Electrical cut-out. C. L. Matthews and T. Birkenmaier. 1,899,915; Feb. 28.
 Electrical detection and separation of coins from substitutes. T. D. Bottomo. 1,920,625; Aug. 1.
 Electrical device. L. Barnett. 1,924,902; Aug. 29.
 Electrical device. J. A. Widmer. 1,912,610-11; June 6.
 Electrical device for the determination of specific resistivity. C. Schlumberger. 1,894,328; Jan. 17.
 Electrical device, Intermittently operating. C. L. Hanel. 1,938,143; Dec. 5.
 Electrical device, Selective. E. E. Franz. 1,907,776; May 9.
 Electrical devices, Method of and apparatus for controlling. R. R. Hunter. 1,932,040; Oct. 24.
 Electrical discharge device. M. A. Acheson. 1,913,185; June 6.
 Electrical discharge device. T. E. Foulke. 1,930,088; Oct. 10.
 Electrical discharge device. C. G. Found. 1,929,369; Oct. 3.
 Electrical discharge device. E. F. Kingsbury. 1,908,366; May 9.
 Electrical discharge device. K. B. McEachron and E. J. Wade. 1,902,510; Mar. 21.
 Electrical discharge device. W. G. Roman. 1,923,748; Aug. 22.
 Electrical discharge device. C. Spaeth. 1,908,647-8; May 9.
 Electrical discharge device. C. Spaeth. 1,908,649; May 9.
 Electrical discharge device. C. Spaeth. 1,908,650; May 9.
 Electrical discharge device. C. T. Ulrey. Des. 89,418; Mar. 7.
 Electrical discharge device and method of operation. W. D. Coolidge. 1,936,424; Nov. 21.
 Electrical discharge head. K. E. Golden. 1,925,243; Sept. 5.
 Electrical discharge lamp. C. G. Smith. 1,910,862; May 23.
 Electrical discharge tube. C. J. R. H. Von Wedel. 1,923,521; Aug. 22.

- Electrical distant control system. J. Vopel and R. Oetker. 1,895,240; Jan. 24.
- Electrical distribution system. D. K. Blake. 1,893,356; Jan. 3.
- Electrical distribution system. E. D. Cook. 1,913,191; June 6.
- Electrical distribution system. J. S. Parsons. 1,893,178; Jan. 3.
- Electrical distribution system. J. S. Parsons. 1,893,180; Jan. 3.
- Electrical distribution system. G. B. Scheibell. 1,901,059; Mar. 14.
- Electrical distribution system. C. W. Stone. 1,911,043; May 23.
- Electrical distribution, System of. B. M. Coffee. 1,923,709; Aug. 22.
- Electrical door operating device. E. R. Beeman. 1,905,126; Apr. 25.
- Electrical effects, System for reduction of extraneous. A. H. Hotopp, jr. 1,913,551; June 13.
- Electrical energy by light impulses, Modulating. R. A. Fessenden. 1,899,026; Feb. 28.
- Electrical equipment. C. W. Wyman. 1,940,927; Dec. 26.
- Electrical feeler. O. V. Payne. 1,924,197; Aug. 29.
- Electrical filter. G. B. Crouse. 1,920,948; Aug. 1.
- Electrical filtering apparatus. L. D. Whitelock. 1,925,160; Sept. 5.
- Electrical fitting. L. C. Doane. 1,930,927; Oct. 17.
- Electrical fitting. W. E. Eccles. 1,914,011; June 13.
- Electrical fixture. W. H. Bush. Des. 90,017; May 30.
- Electrical flasher. R. E. Bechtold. 1,926,833; Sept. 12.
- Electrical fluid tester. G. I. Gann. 1,912,188; May 30.
- Electrical furnace. J. T. Nichols. 1,933,532; Oct. 31.
- Electrical fuse plug support. G. E. Wadsworth. 1,917,860; July 11.
- Electrical gas daylight holdup protection system. B. C. Goss. 1,924,783; Aug. 29.
- Electrical generating and distribution system and apparatus therefor. W. S. Edsall. 1,920,683; Aug. 1.
- Electrical generator. C. A. Culber. 1,893,019; Jan. 3.
- Electrical ground connector. S. W. Borden. 1,914,554; June 20.
- Electrical heater. C. H. Chapman. 1,905,801; Apr. 25.
- Electrical heater. R. A. Shirley. 1,928,270; Sept. 26.
- Electrical heater for thermal relays. C. H. Chapman. 1,919,975; July 25.
- Electrical heating apparatus. O. A. Lokke. 1,930,880; Oct. 17.
- Electrical heating appliance. A. J. Kercher. 1,922,440; Aug. 15.
- Electrical heating device. P. Halász. 1,931,607; Oct. 24.
- Electrical heating device. W. W. Hicks. 1,927,035; Sept. 19.
- Electrical heating element and manufacture. A. J. Kercher and W. W. Hicks. 1,905,232; Apr. 25.
- Electrical heating elements, Forming. E. L. Wiegand. 1,903,604; Apr. 11.
- Electrical heating unit. L. M. Daly. 1,911,063; May 23.
- Electrical ignition of reservoir stored inflammables, Preventing. E. R. Schaeffer. 1,916,335; July 4.
- Electrical illuminating device. L. B. Manson. 1,933,511; Oct. 31.
- Electrical image transmission. D. E. Replogle. 1,915,385; June 27.
- Electrical impedance device. F. W. Taylor. 1,931,043; Oct. 17.
- Electrical impulse frequency, Apparatus for measuring. R. C. Thompson and F. D. Webster. 1,926,660; Sept. 12.
- Electrical impulses, Amplifying. E. F. W. Alexanderson and R. D. Kell. 1,906,441; May 2.
- Electrical inclosure. W. W. Sloane. 1,923,692; Aug. 22.
- Electrical induction apparatus, applicable to resistance welding. J. Achard. 1,926,507; Sept. 12.
- Electrical induction furnace. L. Dreyfus. 1,941,075; Dec. 26.
- Electrical instrument. T. D. Barnes. 1,925,860; Sept. 5.
- Electrical instrument. C. H. Crawford and S. C. Hoare. 1,918,019; July 11.
- Electrical instrument. P. S. Edwards and C. D. Barbuiesco. 1,917,244; July 11.
- Electrical instrument. H. T. Faus. 1,918,023; July 11.
- Electrical instrument. S. C. Hoare. 1,933,227; Oct. 31.
- Electrical instrument. C. A. Nickle. 1,920,764; Aug. 1.
- Electrical instrument. R. M. Rowell. 1,906,812; May 2.
- Electrical instrument. R. M. Rowell. 1,916,075; June 27.
- Electrical instrument. R. M. Rowell. 1,929,289; Oct. 3.
- Electrical instrument. B. W. St. Clair. 1,904,096; Apr. 18.
- Electrical instruments. B. W. St. Clair and J. F. Quinn. 1,919,079; July 18.
- Electrical insulating material. W. S. Smith, H. J. Garnett, and J. N. Dean. 1,934,335; Nov. 7.
- Electrical insulation. W. B. Wiegand. 1,938,308; Dec. 5.
- Electrical insulation, Manufacture of. E. W. Schwartz. 1,905,758; Apr. 25.
- Electrical insulator bushing. J. Turner. 1,913,253; June 6.
- Electrical interlock. R. S. Peelle. 1,904,008; Apr. 18.
- Electrical junction box. O. Woertz. 1,926,927; Sept. 12.
- Electrical lead-in. O. Selling. 1,904,805; Apr. 18.
- Electrical lead-ins for fused quartz devices, Forming. W. T. Anderson, jr. 1,909,797; May 16.
- Electrical leakage in discharge tubes, Reducing. H. Filippo. 1,922,673; Aug. 15.
- Electrical lighting outfit, Portable series. L. Barnett. 1,922,022; Aug. 15.
- Electrical machine. F. Allendorff. 1,915,712; June 27.
- Electrical machine. A. Baillet. 1,939,942; Dec. 19.
- Electrical machine. M. Doloukhanoff. 1,895,096; Jan. 24.
- Electrical machine. C. Zorzi. 1,908,620; May 9.
- Electrical machine, Synchronous. P. Letrilliart. 1,906,164; Apr. 25.
- Electrical machinery. C. A. Mudge. 1,929,755; Oct. 10.
- Electrical machinery. C. A. Parsons and J. Rosen. 1,893,375; Jan. 3.
- Electrical means for testing translucent materials. R. S. Glasgow and A. L. D. d'Adrian. 1,934,187; Nov. 7.
- Electrical measurements, Process and apparatus for making. G. A. Stone. 1,919,538; July 25.
- Electrical measuring apparatus. L. Y. Squibb. 1,935,732; Nov. 21.
- Electrical measuring instrument. E. Reich. 1,929,714; Oct. 10.
- Electrical measuring instrument. B. W. St. Clair. 1,904,095; Apr. 18.
- Electrical measuring instrument. R. Simpson. 1,901,197; Mar. 14.
- Electrical measuring instrument. R. L. Triplett. 1,913,940; July 18.
- Electrical measuring instrument. E. F. Weston. 1,895,114; Jan. 24.
- Electrical measuring instrument. E. F. Weston. 1,926,640; Sept. 12.
- Electrical meter. W. J. Means. 1,901,921; Mar. 21.
- Electrical method of and means for testing materials. J. J. Dowling. 1,932,337; Oct. 24.
- Electrical motor. W. M. Brower. 1,936,932; Nov. 28.
- Electrical motor. H. C. Engelhardt. 1,918,690; July 18.
- Electrical music system. R. H. Ranger. 1,901,985-6; Mar. 21.
- Electrical network. M. Aguirre. 1,914,629; June 20.
- Electrical network. T. Laurent. 1,930,759; Oct. 17.
- Electrical network. M. Osnos. 1,940,437; Dec. 19.
- Electrical network. M. Vos and T. Laurent. 1,920,041; July 25.
- Electrical outlet fitting. L. Propp. 1,928,605; Sept. 26.
- Electrical outlet or switch. E. M. Williams. 1,938,309; Dec. 5.
- Electrical plug. J. H. Moorhouse. 1,897,323; Feb. 14.
- Electrical plug. H. V. Stryker. 1,917,909; July 11.
- Electrical plug device. L. P. Clark, jr. 1,926,228; Sept. 12.
- Electrical precipitation apparatus. E. Anderson. 1,926,025; Sept. 12.
- Electrical precipitating apparatus. W. Deutsch. 1,931,436; Oct. 17.
- Electrical precipitation, Apparatus for. R. Heinrich. 1,908,897; May 16.
- Electrical precipitation apparatus. R. Heinrich. 1,917,522; July 11.
- Electrical precipitation, Method and apparatus for. R. Heinrich. 1,934,923; Nov. 14.
- Electrical precipitator. H. A. Wintermute. 1,903,640; Apr. 11.
- Electrical precipitator. H. A. Wintermute. 1,912,053; May 30.
- Electrical process. M. E. Garrison. 1,926,013; Sept. 5.
- Electrical process for the geological investigation of the porous strata traversed by drill holes. C. Schlumberger. 1,913,293; June 6.
- Electrical prospecting. H. T. F. Lundberg and F. H. Kihlstedt. 1,934,079; Nov. 7.
- Electrical prospecting. C. R. Nichols and S. H. Williston. 1,926,212; Sept. 12.
- Electrical prospecting. N. H. Ricker. 1,934,447; Nov. 7.
- Electrical prospecting. T. Zinschlag. 1,940,340; Dec. 19.
- Electrical prospecting, Apparatus for and method of. L. J. Peters. 1,938,534-5; Dec. 5.
- Electrical prospecting system. F. Rieber. 1,902,265; Mar. 21.
- Electrical protective apparatus. S. J. Spurgeon. 1,939,371; Dec. 12.
- Electrical protective device. A. J. Motlau. 1,929,253; Oct. 3.
- Electrical protective system. L. K. Swart. 1,911,480-1; May 30.
- Electrical protector device. G. H. Brodie. 1,901,893; Mar. 21.
- Electrical quantities, Method and apparatus for recording. O. A. Knopp. 1,904,029; Apr. 18.
- Electrical quantities, Method of and apparatus for measuring. L. B. Butterfield. 1,914,108; June 13.
- Electrical radiation apparatus. U. Schönfeld. 1,921,543; Aug. 8.
- Electrical receptacle. H. J. Graham. 1,927,638; Sept. 19.
- Electrical reciprocating motor. V. R. Anderson. 1,912,167; May 30.
- Electrical recorder. R. Du Bois. 1,925,483; Sept. 5.
- Electrical recording instrument of the relay type. A. G. S. Sandison. 1,906,105; Apr. 25.
- Electrical rectifier. R. D. Amsden. 1,926,708; Sept. 12.
- Electrical rectifier. A. Joffé. 1,907,547; May 9.
- Electrical rectifier. W. P. Place. 1,900,732; Mar. 7.
- Electrical rectifier. C. K. Strobel. 1,905,525; Apr. 25.
- Electrical rectifier. P. Utne. 1,908,800; May 16.
- Electrical rectifiers, Manufacture of. D. G. Ackerly. 1,926,132; Sept. 12.

- Electrical rectifying device. T. Laurent. 1,930,758; Oct. 17.
- Electrical regulating arrangement, Automatic. W. K. Rankin. 1,916,072; June 27.
- Electrical regulating device. A. O. Appelberg. 1,908,676; May 16.
- Electrical regulating system. D. W. McLenegan. 1,904,500; Apr. 18.
- Electrical regulating system. C. H. Willis. 1,913,146; June 6.
- Electrical regulating system. F. H. Winter. 1,931,097; Oct. 17.
- Electrical regulation. L. W. Thompson. 1,894,837; Jan. 17.
- Electrical regulator. A. G. Darling. 1,920,783; Aug. 1.
- Electrical regulator. G. W. Garman. 1,893,772; Jan. 10.
- Electrical regulator. E. Horowitz. 1,904,465; Apr. 18.
- Electrical regulator. L. W. Thompson. 1,894,133; Jan. 10.
- Electrical regulator. L. W. Thompson. 1,896,855; Feb. 7.
- Electrical relay. V. H. Dake. 1,908,961; May 16.
- Electrical relay. B. Lazich. 1,932,020; Oct. 24.
- Electrical relay. F. H. Winter. 1,854,811; Jan. 17.
- Electrical relay construction. E. L. Fonseca. 1,927,026; Sept. 19.
- Electrical resistance. J. C. Gabriel. 1,918,259; July 18.
- Electrical resistance device. G. F. Benkeiman. 1,909,247; May 16.
- Electrical resistor. H. L. Bradley. 1,924,105; Aug. 29.
- Electrical resistor. L. Bradley. 1,904,352; Apr. 18.
- Electrical resistor. G. E. Megow. 1,938,396; Dec. 5.
- Electrical resistor and manufacture thereof. E. Hediger. 1,894,685; Jan. 17.
- Electrical resistor and switch, Variable. H. C. Maibohm. 1,930,980; Oct. 17.
- Electrical resistor elements, Apparatus for insulating. E. L. and A. P. Wiegand. 1,924,474; Aug. 29.
- Electrical selecting apparatus, One-wire. L. Brownstein. 1,900,095; Mar. 7.
- Electrical selector. H. L. Black. 1,938,213; Dec. 5.
- Electrical separator. F. F. Stelz. 1,911,211; May 30.
- Electrical signaling system. L. E. Ryall. 1,932,679; Oct. 31.
- Electrical sliding contact. H. J. Loftis. 1,908,908; May 16.
- Electrical socket device. B. H. Pliske. 1,901,470; Mar. 14.
- Electrical sterilization of objects or substances. G. Steerup. 1,937,536; Dec. 5.
- Electrical stunning device. H. D. Tefft. 1,902,901; Mar. 28.
- Electrical supply equipment for discharge tubes. L. H. Soundy. 1,922,984; Aug. 15.
- Electrical supply system. B. F. Miessner. 1,912,991; June 6.
- Electrical switch. E. R. Evans. 1,914,493; June 20.
- Electrical switch. S. H. Hadley. 1,914,715; June 20.
- Electrical switch. W. P. Healy. 1,898,626; Feb. 21.
- Electrical switch. L. E. Koch. 1,935,909; Nov. 21.
- Electrical switch. C. G. Koppitz. 1,935,598; Nov. 14.
- Electrical switch. C. J. and J. A. Leeah. 1,935,509; Nov. 14.
- Electrical switch. W. C. McWhirter. 1,909,783; May 16.
- Electrical switch. J. C. Rea. 1,894,421; Jan. 17.
- Electrical switchboard structure. H. C. Graves, jr. 1,928,420; Sept. 26.
- Electrical switch, Electrothermally actuated. E. Rozumek. 1,923,509; Aug. 22.
- Electrical switch gear. H. J. Huber. 1,935,448; Nov. 14.
- Electrical switchgear. R. Paxton and S. H. Hill. 1,928,460; Sept. 26.
- Electrical switch, High voltage. F. G. Baum. 1,895,907; Jan. 31.
- Electrical switch house. J. H. Powers. 1,919,986; July 25.
- Electrical switch, Thermostatically-operated. F. G. Huth. 1,925,760; Sept. 5.
- Electrical switches or distribution boxes, Housing of. L. Holm. 1,919,432; July 25.
- Electrical switching apparatus. D. C. Prince. 1,922,862; Aug. 15.
- Electrical switching apparatus. W. M. Scott. 1,914,582; June 20.
- Electrical switching device. K. Baloun. 1,927,512; Sept. 19.
- Electrical swivel connection. M. McGregor. 1,894,187; Jan. 10.
- Electrical synchronizing device. R. Barthelmy. 1,914,842; June 20.
- Electrical system. E. F. W. Alexanderson. 1,896,534; Feb. 7.
- Electrical system. E. L. Bowles. 1,941,384; Dec. 26.
- Electrical system. W. K. Fleming. 1,897,249; Feb. 14.
- Electrical system and apparatus. W. E. Richard and W. A. Brackett. 1,908,446; May 9.
- Electrical system and method. E. L. Chaffee. 1,928,963; Oct. 3.
- Electrical system for automobiles. A. E. Doman. 1,941,433; Dec. 26.
- Electrical system of distribution. W. C. Broekhuysen. 1,901,828; Mar. 14.
- Electrical terminal. C. W. Doremus. 1,903,808; Apr. 18.
- Electrical terminal. H. G. Richter. 1,935,818; Nov. 21.
- Electrical terminal. N. H. Watts. 1,897,829; Feb. 14.
- Electrical terminal connector. J. O. Cadieux. 1,914,109; June 13.
- Electrical terminal device. R. T. Calloway. 1,930,805; Oct. 10.
- Electrical testing. E. Woodbury. 1,900,424; Mar. 7.
- Electrical testing apparatus. C. A. Anderson. 1,908,297; May 9.
- Electrical testing apparatus. W. A. Froeckman. 1,912,185; May 30.
- Electrical therapeutic apparatus. R. W. Chapman. 1,925,370; Sept. 5.
- Electrical time delay apparatus. C. G. Suits. 1,940,335; Dec. 19.
- Electrical timing apparatus. F. G. Kelly, jr. 1,909,471; May 16.
- Electrical timing arrangement. K. H. Blomberg. 1,907,279; May 2.
- Electrical transformer. P. W. Willans and M. Ward. 1,903,075; Mar. 28.
- Electrical translating apparatus. P. H. Dowling. 1,910,381; May 23.
- Electrical translating apparatus. A. J. Sorensen and P. H. Dowling. 1,914,220; June 13.
- Electrical translating device. J. S. High. 1,902,643; Mar. 21.
- Electrical transmission of colored pictures. H. W. Joy. 1,929,589; Oct. 10.
- Electrical transmission system. E. F. W. Alexanderson. 1,921,718; Aug. 8.
- Electrical transmission system. L. F. Blume. 1,921,723; Aug. 8.
- Electrical transmission system. A. M. Rossman. 1,912,918; June 6.
- Electrical treating apparatus. E. O. Frederics. 1,904,437; Apr. 18.
- Electrical tube. H. F. Barkley. 1,897,880; Feb. 14.
- Electrical wire swivel. W. Jackson. 1,894,872; Jan. 17.
- Electrical wiring appliance. F. J. Kennedy. 1,921,162; Aug. 8.
- Electrically actuated valve. A. J. Otto. 1,927,134; Sept. 19.
- Electrically controlled tool. E. L. Vigne. 1,928,082; Sept. 26.
- Electrically fusing nonconducting materials, Method of and apparatus for. R. R. Ridgway. 1,893,106; Jan. 3.
- Electrically heated apparatus. F. A. Blashfield. 1,930,551; Oct. 17.
- Electrically operated regulator. W. Kemp and M. Osterman. 1,930,561; Oct. 17.
- Electrically operated valve. W. and E. Juchheim. 1,920,925; Aug. 1.
- Electricians' tool. W. Crause. 1,924,837; Aug. 29.
- Electricity generating apparatus. B. G. Gillio. 1,903,307; Apr. 4.
- Electricity meter. A. L. Emens. 1,919,213-14; July 25.
- Electricity meter. P. Moos. 1,910,035; May 23.
- Electricity meter. H. Nehls. 1,926,210; Sept. 12.
- Electricity meter, Electrolytic. W. A. Childs. 1,931,954; Oct. 24.
- Electricity meter, Prepayment. S. Z. de Ferranti. 1,902,396; Mar. 21.
- Electricity meter, Watthour. S. S. Green. 1,906,927; May 2.
- Electricity, Method of and apparatus for neutralizing static. W. H. Chapman. 1,914,110; June 13.
- Electrochemical process. C. G. Fink and T. H. Wilber. 1,927,116; Sept. 19.
- Electrochemical process for cleaning metal. T. E. Dunn. 1,917,022; July 4.
- Electrocleaning. F. Conlin. 1,894,670; Jan. 17.
- Electrocleaning process. T. E. Dunn. 1,898,765; Feb. 21.
- Electrode. J. V. Caputo. 1,910,882; May 23.
- Electrode. R. E. Miesse. 1,936,334; Nov. 21.
- Electrode. S. Sanderowsky. 1,933,343; Oct. 31.
- Electrode alloy. E. F. Lowry. 1,899,623; Feb. 28.
- Electrode and making same. F. L. Hunter, jr. 1,909,680; May 16.
- Electrode and making same. F. L. Hunter, jr. 1,926,336; Sept. 12.
- Electrode and making the same. F. L. Hunter, jr. 1,922,244; Aug. 15.
- Electrode and producing same, Welding. T. C. Dawson. 1,916,206; July 4.
- Electrode, Arc welding. G. R. Brophy. 1,911,054; May 23.
- Electrode, Arc welding. R. A. Holland. 1,909,679; May 16.
- Electrode, Arc welding. R. Notvest. 1,931,466; Oct. 17.
- Electrode clamp. W. N. Mischler. 1,912,006; May 30.
- Electrode cleaning process. H. S. Woodward. 1,893,817; Jan. 10.
- Electrode, Coated welding. R. S. Johnston. 1,937,574; Dec. 5.
- Electrode coating apparatus. C. A. Weybrecht and E. R. Parker. 1,930,446; Oct. 10.
- Electrode connection for discharge tubes. H. Müller. 1,932,635; Oct. 31.
- Electrode construction. A. L. Brandt, sr. 1,911,793; May 30.
- Electrode, Diathermic. R. Wappler. 1,908,583; May 9.
- Electrode, Double. E. G. Gage. 1,907,781; May 9.
- Electrode, Electric arc welding. C. B. Langstroth and E. M. Martin. 1,930,649; Oct. 17.
- Electrode elements of vacuum tubes. H. J. Miller. 1,925,075; Aug. 29.
- Electrode for accumulators. K. Ackermann. 1,940,385; Dec. 19.

- Electrode for discharge tubes. J. J. Madine. 1,904,154; Apr. 18.
- Electrode for electric accumulators, Negative. A. Pouchain. 1,895,397; Jan. 24.
- Electrode for electric arc welding or soldering. E. J. Clarke. 1,893,160; Jan. 3.
- Electrode for electric welding. Fusible. D. Lagrange and F. de Pape. 1,920,148; July 25.
- Electrode for electrolytic devices. F. W. McNamara. 1,936,252; Nov. 21.
- Electrode for electron discharge devices. E. A. Giard. 1,926,846; Sept. 12.
- Electrode for electron discharge tubes and forming the same. R. G. Guthrie and O. J. Wozasek. 1,897,933; Feb. 14.
- Electrode for gaseous discharge tubes. F. B. Hale. 1,915,186; June 20.
- Electrode for geophysical surveys. M. Mortenson. 1,910,709; May 23.
- Electrode for therapeutic arc lamps. C. E. Greider. 1,920,255; Aug. 1.
- Electrode for vapor gas electric devices. W. T. Anderson, Jr. 1,902,936; Mar. 28.
- Electrode gas removal method and apparatus. F. Meyer, H. J. Spanner, and E. Germer. 1,910,557; May 23.
- Electrode holder. D. Bende. 1,908,007; May 9.
- Electrode holder. F. H. Inman. 1,935,449; Nov. 14.
- Electrode holder. P. La Rock and S. Kuiken. 1,935,802; Nov. 21.
- Electrode holder. F. Malner. 1,927,270; Sept. 19.
- Electrode holder. O. F. Persson. 1,936,408; Nov. 21.
- Electrode holder. E. E. Tisza and L. Schmidt. 1,910,973; May 23.
- Electrode holder. D. P. Varner. 1,928,517; Sept. 26.
- Electrode holder, Electric furnace. A. E. Greene. 1,920,378; Aug. 1.
- Electrode holder, Welding. S. T. Kiser. 1,895,573; Jan. 31.
- Electrode housing. L. F. Hobert. Des. 91,202; Dec. 19.
- Electrode in discharge tubes. G. Zecher and J. Bruijnes. 1,906,037; Apr. 25.
- Electrode, Metallic welding. W. V. Emery. 1,907,051; May 2.
- Electrode mounting machine, Automatic. R. W. Conn. 1,920,630; Aug. 1.
- Electrode, Multiple spot welding. R. A. Gilbert. 1,918,226; July 11.
- Electrode or rod for welding. H. Bull and L. Johnson. 1,912,968; June 6.
- Electrode positive column lamp. C. H. Thomas. 1,932,025; Oct. 24.
- Electrode, Refractory lined hollow. S. T. Wiles. 1,912,560; June 6.
- Electrode, Spark plug. T. G. McDougal. 1,940,314; Dec. 19.
- Electrode support. O. L. van Steenis. 1,926,128; Sept. 12.
- Electrode surfaces, Forming. P. Selényi. 1,914,534; June 20.
- Electrode, Surgical. F. C. Wappler. 1,932,258; Oct. 24.
- Electrode suspension means. J. Grolee. 1,928,854; Oct. 3.
- Electrode terminal, Double. R. C. Harris and E. B. Ellis. 1,938,962; Dec. 12.
- Electrode, Thermionic tube. L. McCulloch. 1,922,254; Aug. 15.
- Electrode, Vacuum tube. F. Hafecost. 1,933,109; Oct. 31.
- Electrode, Water-cooled welding. J. J. Faugh. 1,915,947; June 27.
- Electrode, Welding. J. B. Austin. 1,940,572; Dec. 19.
- Electrode, Welding. A. C. Castle. 1,902,948; Mar. 28.
- Electrode, Welding. A. C. Castle. 1,936,348; Nov. 21.
- Electrode, Welding. R. T. Gillette. 1,918,028; July 11.
- Electrode, Welding. D. L. Mathias. 1,936,799; Nov. 28.
- Electrode, Welding. H. Scott. 1,905,247; Apr. 25.
- Electrode, Welding. G. T. Southgate. 1,898,909; Feb. 21.
- Electrode, Welding. L. B. Thompson and V. J. Chapman. 1,898,068; Feb. 21.
- Electrode, Welding. J. A. Weiger. 1,908,089; May 9.
- Electrodes and product of same, Conditioning of graphite. C. B. Barton. 1,909,800; May 16.
- Electrodes for electric arc welding of aluminium and the like having a saline coating, Manufacture of fusible. F. de Pape. 1,911,886; May 30.
- Electrodes for electron discharge devices. W. L. Krahl. 1,937,023; Nov. 28.
- Electrodes, Manufacture of. O. W. Etoey and C. A. Silver. 1,899,064; Feb. 28.
- Electrodes, Manufacturing welding. J. B. Austin. 1,940,573; Dec. 19.
- Electrodes, Method of and apparatus for forming grid. S. Ballantine. 1,898,475; Feb. 21.
- Electrodes of discharge tubes, Coating. H. Rothe. 1,902,185; Mar. 21.
- Electrodes of thermionic tubes, Apparatus for mechanically mounting. W. Dalheimer. 1,901,087; Mar. 14.
- Electrodes, Sheathing spark plug. K. E. L. Guinness. 1,895,034; Jan. 24.
- Electrodes, Treating. R. M. Hunter and L. E. Ward. 1,927,661; Sept. 19.
- Electrodes, Welding. E. H. Kuhlman. 1,900,941; Mar. 14.
- Electrodecomposition, Manufacture of material suitable for receiving writings by. R. Schmidt. 1,918,492; July 18.
- Electrodeposition. L. Welsberg and W. F. Greenwald. 1,918,159; July 11.
- Electrodeposition of tin. C. J. Wernlund and F. E. Oplinger. 1,919,000; July 18.
- Electrodialyzer. A. Löödesöl. 1,926,591; Sept. 12.
- Electrodynamic device. L. W. Giles. 1,915,358; June 27.
- Electrodynamic pickup. W. G. Smith. 1,915,804; June 27.
- Electrodynamic reproducer. R. S. Fisher. 1,906,106; Apr. 25.
- Electro-frequency transforming device. J. van der Mark and B. van der Pol. 1,927,425; Sept. 19.
- Electrogravity lock. A. E. Jenkins. 1,920,080; July 25.
- Electroholder for use in printing machines, Adjustable quick-change. E. L. Mueller. 1,915,943; June 27.
- Electrohydraulic-operating mechanism. L. S. Bourst. 1,935,432; Nov. 14.
- Electrohygrostat. M. O. Snedliker. 1,908,927; May 16.
- Electrolysis and means therefor. R. M. Hunter. 1,907,818; May 9.
- Electrolysis, Apparatus for. W. Holland. 1,905,627; Apr. 25.
- Electrolysis of a fused bath, Apparatus for. R. M. Hunter. 1,897,308; Feb. 14.
- Electrolytes, Purification of. H. Lang and W. Muller. 1,918,477; July 18.
- Electrolytic action, Preventing destructive. H. W. Parker. 1,910,044; May 23.
- Electrolytic apparatus. G. Baum. 1,937,621; Dec. 5.
- Electrolytic apparatus. L. E. Ward. 1,921,377; Aug. 8.
- Electrolytic apparatus. R. A. Wilkins. 1,900,534; Mar. 7.
- Electrolytic apparatus. R. A. Wilkins. 1,941,376; Dec. 26.
- Electrolytic cell. P. H. Estes. 1,914,114; June 13.
- Electrolytic cell. W. Honsberg. 1,907,812; May 9.
- Electrolytic cell of the mercury type. V. Engelhardt and N. Schönfeldt. 1,908,134; May 9.
- Electrolytic condenser. J. J. Barrett. 1,930,578; Oct. 17.
- Electrolytic condenser. H. I. Danziger. 1,908,962; May 16.
- Electrolytic condenser. J. D. Edwards. 1,936,084; Nov. 21.
- Electrolytic condenser. L. Hammond. 1,924,606; Aug. 29.
- Electrolytic condenser. H. J. Tyzzer. 1,915,457; June 27.
- Electrolytic condenser. E. J. Tyzzer. 1,934,515; Nov. 7.
- Electrolytic device. P. Robinson. 1,935,860; Nov. 21.
- Electrolytic device. P. Robinson. 1,938,464; Dec. 5.
- Electrolytic device. P. Robinson and J. L. Collins. 1,916,586; July 4.
- Electrolytic manufacture of metals, and chiefly of magnesium, Apparatus for the. A. C. Jessup. 1,930,877; Oct. 17.
- Electrolytic process for simultaneously bleaching and removing metallic impurities from cellulose esters. C. S. Webber and C. J. Staud. 1,921,492; Aug. 8.
- Electrolytic process of producing ductile iron. J. R. Cain. 1,912,430; June 6.
- Electrolytic production of carrel-dakin solution, Process and apparatus for. O. R. Sweeney. 1,940,612; Dec. 19.
- Electrolytic production of white lead. H. G. Hills. 1,925,322; Sept. 5.
- Electrolytic production of white lead. H. G. Hills. 1,932,160; Oct. 24.
- Electrolytic rectifier. R. D. Mershon. 1,908,039; May 9.
- Electrolytic reduction of organic nitro compounds. M. E. Cupery. 1,926,837; Sept. 12.
- Electrolytic treatment of solutions containing a high percentage of chlorine ions. G. Hansel and E. Michael. 1,894,271; Jan. 17.
- Electromagnet. K. Bollmann. 1,908,728; May 16.
- Electromagnet. O. Hoffmann. 1,899,502; Feb. 28.
- Electromagnet. E. McAfee. 1,940,687; Dec. 26.
- Electromagnet. A. B. Starr. 1,894,429; Jan. 17.
- Electromagnet. W. W. Wullert and W. E. Bennett. 1,903,154; Mar. 28.
- Electromagnet switch. G. A. Gillen. 1,928,722; Oct. 3.
- Electromagnetic activating device. M. P. McCarty. 1,932,631; Oct. 31.
- Electromagnetic clutch. E. Thomson. 1,902,471; Mar. 21.
- Electromagnetic coil. R. H. Stevens. 1,895,869; Jan. 31.
- Electromagnetic device. B. J. Babbitt. 1,904,847; Apr. 18.
- Electromagnetic device. D. R. Clemons. 1,897,604; Feb. 14.
- Electromagnetic device. J. Fritcsos. 1,907,534; May 9.
- Electromagnetic device. H. C. Graves, jr., and H. J. Schmid. 1,924,686; Aug. 29.
- Electromagnetic device. L. E. Lawrence. 1,927,346; Sept. 19.
- Electromagnetic device. W. C. Slauson. 1,938,726; Dec. 12.
- Electromagnetic device. F. E. Wood. 1,923,350; Aug. 22.
- Electromagnetic device for oscillating the headlights of motor vehicles. G. Klarenaar and B. Franz. 1,929,640; Oct. 10.
- Electromagnetic gear. W. F. Cleaver. 1,913,371; June 13.
- Electromagnetic lock. T. S. Ingersoll. 1,933,736; Nov. 7.
- Electromagnetic motor. E. L. Rose. 1,909,426; May 16.
- Electromagnetic motor. J. N. Sherwin. 1,928,872; Oct. 3.
- Electromagnetic motor, Rectilinear. L. G. Jacobson. 1,933,911; Nov. 7.
- Electromagnetic motor, Rectilinear. E. L. Rose. 1,893,377; Jan. 3.
- Electromagnetic motor, Rectilinear. E. L. Rose. 1,910,639; May 23.

- Electromagnetic motor, Translating. E. L. Rose. 1,910,638; May 23.
- Electromagnetic opening of doors from a distance. A. Capré. 1,935,017; Nov. 14.
- Electromagnetic reciprocating device. G. H. Poth. 1,900,464; Mar. 7.
- Electromagnetic relay. O. Gauss and R. Kurz. 1,931,188; Oct. 17.
- Electromagnetic release valve. R. F. Thompson. 1,898,228; Feb. 21.
- Electromagnetic structures, Ventilated. V. G. Apple. 1,913,138; June 6.
- Electromagnetic switch. D. A. Christian. 1,900,912; Mar. 14.
- Electromagnetic switch. D. A. Christian. 1,903,211; Mar. 28.
- Electromagnetic testing. Method of and apparatus for. A. V. de Forest. 1,897,634; Feb. 14.
- Electromagnetic tool. C. A. Hargrove. 1,904,224; Apr. 18.
- Electromagnetic translating device. A. A. Thomas. 1,927,141; Sept. 19.
- Electromagnetic valve. W. F. and L. E. Aske. 1,892,825; Jan. 3.
- Electromagnetic valve. W. T. Tabb. 1,914,181; June 13.
- Electromagnetic vibrating device. E. H. Greibach. 1,913,318; June 6.
- Electromagnetic wet separation, Automatic. H. B. Arden. 1,902,937-8; Mar. 28.
- Electromagnetically operated track switch for toy railroads. M. Caruso. 1,919,272; July 25.
- Electromagnets for lifting and transporting and in apparatus therefor. Controlling. K. Younghusband. 1,915,566; June 27.
- Electromechanical resonator. C. W. Hansell. 1,934,061; Nov. 7.
- Electrometallurgical products, Purifying. J. S. Masin. 1,925,396; Sept. 5.
- Electrometer, Vacuum tube. W. H. Crew. 1,938,136; Dec. 5.
- Electromotive forces and impedances, Method and apparatus for measuring alternating. T. Zuschlag. 1,917,417; July 11.
- Electromotor. R. Gold and J. Schmauss. 1,914,714; June 20.
- Electromotor. R. Gold and J. Schmauss. 1,930,797; Oct. 17.
- Electromotor. E. E. Gregory and H. E. Comings. 1,893,025; Jan. 3.
- Electron device. M. Morrison. 1,925,104; Sept. 5.
- Electron discharge apparatus. M. A. Acheson and J. L. Zehner. 1,902,482; Mar. 21.
- Electron discharge apparatus. C. G. Smith. 1,941,157; Dec. 26.
- Electron discharge device. M. A. Acheson. 1,902,481; Mar. 21.
- Electron discharge device. R. S. Bolan. 1,908,308; May 9.
- Electron discharge device. V. Bush. 1,925,300; Sept. 5.
- Electron discharge device. E. E. Charlton. 1,938,374; Dec. 5.
- Electron discharge device. W. D. Coolidge. 1,907,507; May 9.
- Electron discharge device. H. L. Crowley. 1,936,048; Nov. 21.
- Electron discharge device. A. H. Denzler. 1,936,187; Nov. 21.
- Electron discharge device. P. M. Haffcke. 1,936,758; Nov. 28.
- Electron discharge device. C. W. Haller. 1,933,110; Oct. 31.
- Electron discharge device. A. W. Hull. 1,900,559; Mar. 7.
- Electron discharge device. W. L. Krah. 1,926,008; Sept. 5.
- Electron discharge device. J. W. Marden. 1,905,035; Apr. 25.
- Electron discharge device. H. E. Mendenhall. 1,931,874; Oct. 24.
- Electron discharge device. M. Morrison. 1,925,105; Sept. 5.
- Electron discharge device. M. Morrison. 1,925,107; Sept. 5.
- Electron discharge device. G. F. Murphy. 1,937,355; Nov. 28.
- Electron discharge device. G. D. O'Neill. 1,937,838; Dec. 5.
- Electron discharge device. H. A. Pidgeon and J. O. McNally. 1,923,686; Aug. 22.
- Electron discharge device. V. L. Ronci. 1,896,464; Feb. 7.
- Electron discharge device. V. L. Ronci. 1,907,123; May 2.
- Electron discharge device. V. L. Ronci. 1,912,404; June 6.
- Electron discharge device. V. L. Ronci and A. I. Crawford. 1,941,110; Dec. 26.
- Electron discharge device. C. M. Slack. 1,920,601; Aug. 1.
- Electron discharge device. C. G. Smith. 1,915,959; June 27.
- Electron discharge device, Making. F. L. Hunter, jr. 1,897,480; Feb. 14.
- Electron discharge devices, Manufacture of. W. Espe and H. Holligs. 1,894,948; Jan. 24.
- Electron discharge tube. G. Holst and B. van der Pol. 1,931,987; Oct. 24.
- Electron emission device. J. W. Marden and E. A. Lederer. 1,905,034; Apr. 25.
- Electron emission device. T. W. Sukumlyn. 1,936,922; Nov. 28.
- Electron emission tubes, Cooling of. C. W. Hansell. 1,912,769; June 6.
- Electron emissive device. F. Meyer and H. J. Spanner. 1,925,701; Sept. 5.
- Electron emitter and making same. J. A. Becker. 1,921,065; Aug. 8.
- Electron emitter and making same. O. S. Duffendack and R. A. Wolfe. 1,909,916; May 16.
- Electron emitter for electron discharge devices. H. W. Parker. 1,919,596; July 25.
- Electron emitters and the product, Producing. F. Ruffley. 1,894,059; Jan. 10.
- Electron generating device, High-power. J. Bethenod. 1,937,542; Dec. 5.
- Electron passage in cathode ray tubes, System for deflecting. T. Nakajima and K. Takayanagi. 1,933,219; Oct. 31.
- Electron tube. E. A. Giard. 1,893,887; Jan. 10.
- Electron tube. K. W. Jarvis and R. M. Blair. 1,903,569; Apr. 11.
- Electron tube. C. Stansbury. 1,940,029; Dec. 19.
- Electron tube. R. Strigel. 1,911,976; May 30.
- Electron tube. C. J. R. H. von Wédel. 1,929,661; Oct. 10.
- Electron tube and method of connection. F. M. Gentry. 1,909,824; May 16.
- Electron tube for high operating voltages. R. Strigel and M. Steenbeck. 1,912,866; June 6.
- Electron tube oscillator system. J. B. Dow. 1,931,530; Oct. 24.
- Electron tube system. S. Y. White. 1,916,818; July 4.
- Electron tube system. S. Y. White. 1,927,560; Sept. 19.
- Electron tube with electromagnetic grid control. M. Parisi. 1,931,737; Oct. 24.
- Electronic devices, Evacuation of. A. J. King. 1,922,162; Aug. 15.
- Electronic discharge tube. M. Ponte. 1,930,563; Oct. 17.
- Electronic tube. U. Doering. 1,931,254; Oct. 17.
- Electrooptical register of sounds or any other elastic waves. A. Guerbilsky. 1,923,619; Aug. 22.
- Electrooptical system. H. E. Ives. 1,907,114; May 2.
- Electrooptical system. J. J. Rogan. 1,918,827; July 18.
- Electrooptical system. A. Weaver. 1,895,531; Jan. 31.
- Electrooptical system and method. D. E. Replogle. 1,914,580; June 20.
- Electroplating. M. Fiedler and H. Pessl. 1,927,162; Sept. 19.
- Electroplating aluminum, etc., on copper, etc. J. F. Chittum. 1,927,772; Sept. 19.
- Electroplating and compositions for use therein. F. Conlin. 1,894,669; Jan. 17.
- Electroplating apparatus. J. T. Daniels. 1,936,382; Nov. 21.
- Electroplating apparatus. W. J. O'Neill. 1,912,400; June 8.
- Electroplating apparatus. W. J. O'Neill. 1,928,949; Oct. 3.
- Electroplating apparatus. H. J. Richards and W. E. Hinton. 1,913,956; June 13.
- Electroplating chromium, etc., on iron, etc. J. F. Chittum. 1,927,773; Sept. 19.
- Electroplating method. W. E. Belke. 1,910,145; May 23.
- Electroplating: Process and apparatus for. F. Conlin. 1,898,618; Feb. 21.
- Electroplating with aluminum. A. von Zeerleder. 1,904,107; Apr. 18.
- Electropneumatic brake. J. C. McCune. 1,898,556; Feb. 21.
- Electropneumatic brake. T. H. Thomas. 1,914,623; June 20.
- Electroprocessing machine. A. H. Hannon. 1,895,622; Jan. 31.
- Electroresponsive apparatus. A. S. Fitz Gerald. 1,931,069; Oct. 17.
- Electroresponsive device. H. Grünholz. 1,920,745; Aug. 1.
- Electroresponsive device. V. E. Verrall. 1,920,818; Aug. 1.
- Electroresponsive time element device. G. B. Starie. 1,919,991; July 25.
- Electrostatic condenser. A. O. Austin. 1,902,152; Mar. 21.
- Electrostatic condenser, Variable. S. S. and R. E. Cramer. 1,934,842; Nov. 14.
- Electrotherapeutic apparatus. L. L. Call. 1,908,688; May 16.
- Electrotherapeutic system and apparatus therefor. H. P. Pullwitt. 1,896,647; Feb. 7.
- Electrothermic process of treating high resistance material. I. H. Derby. 1,899,233; Feb. 28.
- Electrothermic reduction. P. L. J. Miguét. 1,939,913; Dec. 19.
- Electrothermic reduction process. A. E. Greene. 1,920,376; Aug. 1.
- Elements of construction. G. Bribet. 1,915,011; June 20.
- Elevated tank. H. C. Boardman. Des. 89,869; May 16.
- Elevated tank. E. E. Michaels. Des. 89,910; May 16.
- Elevating and lowering mechanism. W. A. Bracken. 1,925,976-7; Sept. 5.
- Elevating device. O. Borgen. 1,898,711; Feb. 21.

- Elevator: See—
 Bucket elevator.
 Circuitous elevator.
 Fish elevator.
 Gig elevator.
 Inclined elevator.
- Elevator. N. K. Smith. 1,917,669; July 11.
 Elevator. L. R. Winslow. 1,923,603; Aug. 22.
 Elevator and lateral shift appliance for motor vehicles. M. H. Rice. 1,895,134; Jan. 24.
 Elevator apparatus. H. F. Schmidt. 1,931,997; Oct. 24.
 Elevator arrangement, Industrial. R. G. and W. M. Cory. 1,903,092; Mar. 28.
 Elevator brake. E. E. Arnold and H. D. James. 1,936,780; Nov. 28.
 Elevator brake. W. L. Rupnow. 1,894,426; Jan. 17.
 Elevator braking system and actuating the same. W. H. Mechling. 1,903,550; Apr. 11.
 Elevator buffer. H. E. Brannon. 1,929,672; Oct. 10.
 Elevator control. C. Stensbury and G. C. Brown. 1,937,798; Dec. 5.
 Elevator control apparatus. D. L. Lindquist. 1,897,493; Feb. 14.
 Elevator control apparatus. D. L. Lindquist and J. D. Lewis. 1,930,900; Oct. 17.
 Elevator control device. N. O. Lindstrom. 1,895,253; Jan. 24.
 Elevator control system. E. M. Bouton. Re18,987; Nov. 7.
 Elevator control system. E. M. Bouton. 1,937,808; Dec. 5.
 Elevator control system. C. R. Callaway. 1,928,752; Oct. 3.
 Elevator control system. G. N. Crabbe and S. G. Margles. 1,911,015; May 23.
 Elevator control system. W. F. Eames. 1,929,681; Oct. 10.
 Elevator control system. W. F. Eames. 1,930,512-13; Oct. 17.
 Elevator control system. G. K. Hearn. 1,932,038; Oct. 24.
 Elevator control system. L. J. Kinnard. 1,921,679; Aug. 8.
 Elevator control system. H. W. Mattingly and W. F. Eames. 1,924,327; Aug. 29.
 Elevator control system. R. Neuschotz. 1,938,109; Dec. 5.
 Elevator control system. C. G. Wallis. 1,938,238; Dec. 5.
 Elevator control system. H. E. White. 1,934,516; Nov. 7.
 Elevator control system. K. M. White and L. J. Kinnard. 1,931,564; Oct. 24.
 Elevator control system, Automatic stopping. M. Baruch, R. E. De Camp, and C. P. Walker. 1,895,065; Jan. 24.
 Elevator controller. A. J. Liebenberg. 1,929,391; Oct. 3.
 Elevator dispatching system. C. E. Ellis, jr. 1,909,049; May 16.
 Elevator door operating system. C. E. Ellis, jr. 1,920,369; Aug. 1.
 Elevator, Door type slp. F. J. Young, S. W. Long, and J. S. Morgan, jr. 1,920,617; Aug. 1.
 Elevator for mines and quarries. R. N. Skrainka and T. F. Bush. 1,928,189; Sept. 26.
 Elevator for trucks. A. E. Hansen. 1,929,112; Oct. 3.
 Elevator gate. N. O. Lindstrom and C. F. E. Olofson. 1,934,867; Nov. 14.
 Elevator guide. W. J. O'Connell. 1,931,237; Oct. 17.
 Elevator guide means. L. H. Kiesling. 1,896,900; Feb. 7.
 Elevator guide rail supporting device. J. Dunlop. 1,925,867; Sept. 5.
 Elevator guide shoe. J. Dunlop. 1,916,365; July 4.
 Elevator guide shoe. R. L. Henry. 1,907,966; May 9.
 Elevator guide system. A. F. Skaife. 1,905,248; Apr. 25.
 Elevator links, Manufacture of weldless. F. J. Spang. 1,908,072; May 9.
 Elevator machine. C. R. Pratt. 1,911,889; May 30.
 Elevator safety. H. V. McCormick. 1,934,508; Nov. 7.
 Elevator safety brake. J. Dunlop. 1,924,310; Aug. 29.
 Elevator safety braking system. H. D. James. 1,924,320; Aug. 29.
 Elevator safety switch. J. Dunlop. 1,937,035; Nov. 28.
 Elevator safety system. H. D. James. 1,896,777; Feb. 7.
 Elevator-signaling system. E. P. Butusov. Re18,709; Jan. 10.
 Elevator structure and control for printing presses. C. L. Low. 1,906,070; Apr. 25.
 Elevator system. J. Eaton. 1,910,204; May 23.
 Elevator system. J. Hunt. 1,930,239; Oct. 10.
 Elevator system. D. L. Lindquist. 1,911,834; May 30.
 Elevator system. D. L. Lindquist, E. L. Dunn, and D. C. Larson. 1,904,646-7; Apr. 18.
 Elevator system. H. V. McCormick. 1,924,367; Aug. 29.
 Elevator system. A. D. Stark. 1,939,729; Dec. 19.
 Elevator system, Automatic. F. E. Lewis. 1,925,873; Sept. 5.
 Elevator system, Electric. C. F. E. Olofson and N. O. Lindstrom. 1,905,742; Apr. 25.
 Elevator system, Multiple. H. D. James. 1,896,776; Feb. 7.
 Elevators, Position and direction indicator for. H. R. Norton. 1,896,784; Feb. 7.
 Elevators, Push button control for a bank of. L. J. Kelley and C. W. Bassett. 1,931,581; Oct. 24.
 Elevators, Safety cableless multiple. M. E. Breed. 1,902,946; Mar. 28.
 Eliminating system, Stray and atmospheric. J. Bethenod. 1,904,607; Apr. 18.
- Elutriating means. M. A. Lissman. 1,894,623; Jan. 17.
 Emanation in receptacles, Apparatus for collecting. M. Wolf and N. Riehl. 1,914,935; June 20.
 Emasculating implement. C. D. Hawkins. 1,927,234; Sept. 19.
 Emascutome. E. Odell. 1,930,320; Oct. 10.
 Emascutome. H. O. Snouffer. 1,929,102; Oct. 3.
 Emasculator. D. E. Pilcher. 1,897,532; Feb. 14.
 Emblem. G. R. Anderson. Des. 90,010; May 30.
 Emblem. D. A. Goodrich. Des. 89,838; May 9.
 Emblem. S. F. O'Shaughnessy. Des. 91,144; Dec. 5.
 Emblem. J. N. Pepin. Des. 90,212; June 27.
 Emblem, Automobile radiator. L. J. Taber. Des. 90,737; Sept. 19.
 Emblem holder for radiator caps. S. A. Sjogreen and J. W. Johnson. Des. 90,387; July 25.
 Emblem or like article. J. J. Seright. Des. 89,925; May 16.
 Emblem or similar article, Aviator's. A. E. R. Speidel. Des. 89,319; Feb. 21.
 Embossing and printing machine. P. A. Gardner, jr. 1,933,106; Oct. 31.
 Embossing and vending apparatus. G. W. Heene. 1,894,465; Jan. 17.
 Embossing machine. C. C. McCain. 1,893,463; Jan. 3.
 Embossing plastic articles, Apparatus for. F. D. Fowler. 1,919,363; July 25.
 Embrittlement, Prevention of. S. W. Parr and F. G. Straub. 1,910,403; May 23.
 Embroidery. J. Bollman. Des. 89,225; Feb. 7.
 Embroidery frame. F. Reiser. 1,931,297; Oct. 17.
 Embroidery frame. J. B. Segal. 1,910,934; May 23.
 Embroidery-hoop holder. A. F. Hylander. 1,929,278; Oct. 3.
 Embroidery machine. J. Huntbach. 1,895,994; Jan. 31.
 Emergency air brake. H. Schmarge. 1,925,342; Sept. 5.
 Emergency key holder. O. E. Newbauer. 1,934,319; Nov. 7.
 Emergency lock. F. J. Bishop. 1,906,517; May 2.
 Emergency valve. W. N. Glab. 1,924,356; Aug. 29.
 Empty and load brake. J. C. McCune. 1,935,809; Nov. 21.
 Emulsifiable materials of wax-like character, Producing. W. Schrauth. 1,932,643; Oct. 31.
 Emulsifiable product and emulsion obtained therefrom. H. Bennett. 1,914,100; June 13.
 Emulsifiable products and emulsions thereof, Preparing. H. Limburg. 1,915,062; June 20.
 Emulsification, Apparatus for. L. S. and E. M. Richards. 1,898,894; Feb. 21.
 Emulsified, suspended or dissolved substances from liquids by means of volatile solvents, Extraction of. E. Langsfeldt and R. Hellerup. 1,925,489; Sept. 5.
 Emulsifier and insecticide. H. Knight. 1,937,969; Dec. 5.
 Emulsifying and wetting-out agents, Manufacture of. A. Rheiner. 1,903,879; Apr. 18.
 Emulsifying apparatus. F. O. W. and D. M. Loomis. 1,935,884; Nov. 21.
 Emulsifying apparatus. H. G. MacChesney. 1,930,686; Oct. 17.
 Emulsifying, Method and apparatus for. A. Hoffmann. 1,926,484; Sept. 12.
 Emulsion. B. R. Harris. 1,917,249-52; July 11.
 Emulsion. B. R. Harris. 1,917,255-9; July 11.
 Emulsion. B. R. Harris. 1,917,260; July 11.
 Emulsion and product to be used therein, Margarine. A. K. Epstein and B. R. Harris. 1,917,253; July 11.
 Emulsion, Bituminous. O. R. Douthett. 1,905,630; Apr. 25.
 Emulsion, Bituminous. L. G. Gabriel. 1,894,617; Jan. 17.
 Emulsion treatments and agent therefor. H. Bertsch. 1,918,372; July 18.
 Emulsions, Apparatus for forming. W. B. Howard. 1,925,049; Aug. 29.
 Emulsions, Apparatus for treating. G. H. Meinzer. 1,911,840; May 30.
 Emulsions, Breaking. W. A. Brown and G. H. Meinzer. 1,911,797; May 30.
 Emulsions, Continuous method of breaking. G. H. Meinzer. 1,911,839; May 30.
 Emulsions, Manufacture and use of parasiticide. W. H. Volck. 1,914,902; June 20.
 Emulsions of lecithin and oil, Preparing stable aqueous. B. Rewald. 1,934,005; Nov. 7.
 Emulsions of oxidized drying oils, varnishes, and lacquers, Production and manufacture of. P. C. van der Willigen. 1,925,548; Sept. 5.
 Emulsions of solid in fat and product thereof, Preparing edible. L. B. Esmond and W. W. Duecker. 1,894,677; Jan. 17.
 Emulsions, Process and apparatus for producing. L. Kirschbraun. 1,916,885; July 4.
 Emulsions, Producing. T. Robinson. 1,923,888; Aug. 22.
 Emulsions, Producing. P. R. Smith. 1,926,247; Sept. 12.
 Emulsions, Production of photosensitive. R. Griessbach and T. Kellmann. 1,892,725; Jan. 3.
 Emulsions, Resolving. T. B. Wayne. 1,919,871; July 25.
 Emulsions, Separating. J. F. Putnam. 1,897,011; Feb. 7.
 Emulsions, Treating. C. G. Hinrichs. 1,901,163; Mar. 14.
 Emulsions, Treating. L. Kirschbraun. 1,918,759; July 18.
 Emulsoids from a disperse medium, Flocculating negatively charged. O. M. Urbain. 1,915,039; June 20.

- Emulsoids from a disperse medium, Flocculating positively charged. O. M. Urbain. 1,915,040; June 20.
- Emulsoids from water solutions, Removing. O. M. Urbain. 1,922,464; Aug. 15.
- Enamel-burning fixture. J. Winkler. 1,913,623; June 13.
- Enamel composition and making same, Vitreous. C. J. Kinzie and J. A. Plunkett. 1,925,560; Sept. 5.
- Enamel decorating process. A. P. Schulz. 1,898,500; Feb. 21.
- Enamel formulas. C. J. Kaspar. 1,933,437; Oct. 31.
- Enamel from a metal base, Removing of. C. S. Houpt. 1,892,950; Jan. 3.
- Enamel, Producing cloud effects in. E. S. Smith. 1,907,094; May 2.
- Enameling fixture. H. Trenkamp, jr. 1,933,944; Nov. 7.
- Enameling process. E. S. Smith. 1,908,271; May 9.
- Enameling support and process of use. H. Trenkamp, jr. 1,935,420; Nov. 14.
- Enchained stitching loops, Apparatus for forming. K. Maier. 1,929,323; Oct. 3.
- Enclosed screened seat, Collapsible. S. Stransky. 1,926,796; Sept. 12.
- End cap for golf club grips. H. G. Barrett. 1,931,424-5; Oct. 17.
- End cap for paper cores. A. L. Reagles. 1,929,033-7; Oct. 3.
- End closure for tiles. T. Barbato. 1,909,516; May 16.
- End expander for structural toy rods. F. Schroeder. 1,920,021; July 25.
- End frame for railway cars. C. Harter. 1,933,978; Nov. 7.
- End member for tubular axles. T. V. Buckwalter. 1,906,531; May 2.
- Endothermic reactions, Effecting. W. A. Ogg. 1,925,458; Sept. 5.
- Endpiece and temple for spectacles, Combined. S. E. Bouchard. Des. 90,354; July 25.
- Energy control, Luminous. C. L. Davis. 1,894,462; Jan. 17.
- Energy distribution system. J. Ruths. 1,892,967; Jan. 3.
- Energy for electrical igniters, Devices for providing. H. Rühlmann. 1,917,813; July 11.
- Energy of circulating condensing water, Method and apparatus for utilizing the potential. A. R. Earl. 1,896,136; Feb. 7.
- Energy, System for the conversion and transfer of. H. F. Olson and B. Kreuzer. 1,897,732; Feb. 14.
- Energy, System for transmitting electroradiant. E. S. Purington. 1,899,527; Feb. 28.
- Energy transmitted to liquids, Recovery of. A. Berenbruch. 1,909,145; May 16.
- Engine: See—
- Air cooled combustion engine.
 - Aircraft engine.
 - Aviation engine.
 - Carding engine.
 - Combustion engine.
 - Compound oscillating engine.
 - Crankless engine.
 - Diesel engine.
 - Double acting engine.
 - Expansion engine.
 - Explosion engine.
 - Fire engine.
 - Gas engine.
 - Hoisting engine.
 - Internal combustion engine.
 - Internal-combustion rotary engine.
 - Liquid fuel engine.
 - Reciprocating engine.
 - Rotary engine.
 - Self-contained vapor engine.
 - Sleeve valve engine.
 - Sleeve valve two cycle engine.
 - Slide valve engine.
 - Steam engine.
 - Super-pressure overhead valve engine.
 - Three-cylinder tandem engine.
 - Turbine engine.
 - Two-cycle engine.
 - Two stroke cycle engine.
 - Variable stroke engine.
 - V-8 engine.
- Engine. C. F. Bachle. 1,919,497; July 25.
- Engine. G. A. Bartholomew. 1,904,775; Apr. 18.
- Engine. W. B. Cosby. 1,911,991; May 30.
- Engine. W. F. Davis. 1,936,350; Nov. 21.
- Engine. E. F. Duignan. 1,897,553; Feb. 14.
- Engine. H. O. Ewing. 1,912,574; June 6.
- Engine. R. H. Farwell. 1,894,033; Jan. 10.
- Engine. J. O. Fink. 1,899,189; Feb. 28.
- Engine. J. O. Fink. 1,911,888; May 30.
- Engine. L. P. Kalb. 1,933,912; Nov. 7.
- Engine. J. L. Kempthorne. 1,904,373-4; Apr. 18.
- Engine. O. K. Kreis. 1,939,855; Dec. 19.
- Engine. E. E. Krug. 1,913,399; June 13.
- Engine. T. Linga. 1,919,793; July 25.
- Engine. J. J. McCarthy. 1,903,511; Apr. 11.
- Engine. A. J. Meyer. 1,903,532; Apr. 11.
- Engine. A. J. Meyer. 1,915,373; June 27.
- Engine. A. J. Meyer. 1,919,476; July 25.
- Engine. A. J. Meyer. 1,929,206; Oct. 3.
- Engine. A. J. Meyer. 1,936,639; Nov. 28.
- Engine. A. J. Meyer. 1,937,092; Nov. 28.
- Engine. B. Montero. 1,895,082; Jan. 24.
- Engine. A. M. Niven. 1,937,124; Nov. 28.
- Engine. A. G. Ronning. 1,896,754; Feb. 7.
- Engine. C. J. Smith. 1,921,266; Aug. 8.
- Engine. W. A. Sorg. 1,915,170; June 20.
- Engine. C. E. Southwick. 1,909,729; May 16.
- Engine. H. H. Timian. 1,897,512; Feb. 14.
- Engine. H. H. Timian. 1,897,540; Feb. 14.
- Engine. W. F. Welr. 1,900,086; Mar. 7.
- Engine. M. C. Werle. 1,899,374; Feb. 28.
- Engine. C. A. Winslow. 1,926,077; Sept. 12.
- Engine and compressor, Combined internal-combustion. H. T. Pyk and E. O. P. Thege. 1,934,880; Nov. 14.
- Engine and operating same. A. J. Meyer. 1,929,208; Oct. 3.
- Engine and operating same, Internal combustion. A. J. Paris, jr. 1,937,242; Nov. 28.
- Engine and operating the same, Powdered fuel. R. Pawlikowski. 1,921,132; Aug. 8.
- Engine and pump, Rotary. H. S. Hele-Shaw, T. E. Beacham and E. C. Mills. 1,932,892; Oct. 31.
- Engine attachment. C. Mobray. 1,934,993; Nov. 14.
- Engine charger. O. H. Spencer. 1,896,256; Feb. 7.
- Engine compressor and the like, Rotary. C. E. Trube. 1,904,892; Apr. 18.
- Engine control. T. Pilla. 1,903,876; Apr. 18.
- Engine control for ships, Automatic. W. C. Dean. 1,927,923; Sept. 26.
- Engine control means. M. A. Sticelber. 1,919,536; July 25.
- Engine controlling apparatus. H. Haas. 1,939,606; Dec. 12.
- Engine cooling device. J. W. Heiney. 1,892,669; Jan. 3.
- Engine cooling system. D. J. Conant. 1,930,508; Oct. 17.
- Engine cooling system. L. G. Hartdorn. 1,907,802; May 9.
- Engine cooling system. C. A. Perkins. 1,920,883; Aug. 1.
- Engine cooling system, Internal combustion. W. J. Smith. 1,919,577; July 25.
- Engine cowling. R. Chilton. 1,896,222; Feb. 7.
- Engine cowling. R. Chilton. 1,908,820; May 16.
- Engine cowling. R. Chilton. 1,933,966; Nov. 7.
- Engine cowling for automobiles. A. E. Northup. Des. 89,788; May 2.
- Engine cylinders, Refinishing. O. A. Dahlberg. 1,915,817; June 27.
- Engine demonstrator, Radial gas. R. C. Lindberg. 1,925,040; Aug. 29.
- Engine exhaust. H. T. Booth. 1,908,679; May 16.
- Engine for liquid and solid fuels, Internal combustion. R. Pawlikowski. 1,897,819; Feb. 14.
- Engine for pulverulent fuel, Internal combustion. R. Pawlikowski. 1,893,035; Jan. 3.
- Engine for use in pulp refining, Refining. W. G. Fraser. 1,928,052; Sept. 26.
- Engine governor. R. A. Telford. 1,938,443; Dec. 5.
- Engine having exhaust turbines and compressors, Internal combustion. A. Büchi. 1,910,279; May 23.
- Engine locomotive, High powered internal combustion. A. Lipetz. 1,922,896; Aug. 15.
- Engine, more particularly for ship propulsion, Internal combustion. O. Simmen. 1,925,505; Sept. 5.
- Engine, more particularly for the propulsion of vehicles, Internal combustion. C. Schaer. 1,896,852; Feb. 7.
- Engine mounting. W. S. Fisher. 1,908,639; May 9.
- Engine mounting. R. B. Funk. 1,912,269; May 30.
- Engine muffler and manifold construction. H. W. Simpson. 1,937,990; Dec. 5.
- Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 1,926,499; Sept. 12.
- Engine of the radial type, Internal-combustion. F. Gossau. 1,929,886; Oct. 10.
- Engine oiling device. L. C. Vanderlip. 1,894,477; Jan. 17.
- Engine on aircraft, Arrangement of. A. Rohrbach. 1,893,001; Jan. 3.
- Engine-operated pump. F. G. Schweisthal. 1,903,481; Apr. 11.
- Engine operating on the two-stroke cycle, Swash plate internal combustion. H. R. Ricardo. 1,895,206; Jan. 24.
- Engine or piston pump, Piston. R. Schmidt. 1,927,617; Sept. 19.
- Engine plant, Ship's. G. Bauer. 1,933,041; Oct. 31.
- Engine-protecting device, Low temperature. D. J. Conant and L. C. Frank. 1,932,064; Oct. 24.
- Engine, pump, or compressor, Reciprocating fluid pressure. G. S. Wilkinson. 1,913,224; June 6.
- Engine starter mechanism, Internal combustion. H. N. Will. 1,903,360; Apr. 4.
- Engine starting apparatus. C. H. Davis, jr. 1,924,229; Aug. 29.
- Engine starting apparatus. R. P. Lansing. 1,905,943; Apr. 25.
- Engine-starting apparatus. R. P. Lansing. 1,934,806; Nov. 14.
- Engine starting device. P. S. Claus. 1,899,229; Feb. 28.
- Engine starting device. J. O. Crawford. 1,893,070; Jan. 3.
- Engine starting device. G. A. Taylor. 1,901,997; Mar. 21.
- Engine starting mechanism. R. Chilton. 1,900,799; Mar. 7.
- Engine starting mechanism. E. R. Draver. 1,936,292; Nov. 21.
- Engine starting mechanism. H. Haas. 1,940,349; Dec. 19.
- Engine starting mechanism. D. P. Kearney. 1,897,938; Feb. 14.
- Engine starting mechanism. R. P. Lansing. 1,916,173; June 27.
- Engine starting mechanism. R. P. Lansing. 1,936,555; Nov. 21.
- Engine starting mechanism. R. P. Lansing. 1,940,356; Dec. 19.
- Engine starting mechanism. R. M. Nardone. 1,926,913; Sept. 12.
- Engine starting mechanism. R. M. Nardone. 1,933,534; Oct. 31.

- Engine starting mechanism. B. Smith. 1,940,374; Dec. 19.
- Engine starting mechanism. F. A. Stein. 1,925,943; Sept. 5.
- Engine stopping means, Automatic. M. M. Hancock. 1,920,694; Aug. 1.
- Engine structure, Internal combustion. D. F. Asbury. 1,903,160; Mar. 28.
- Engine, such as locomotive engine, High-powered steam. J. Kupka. 1,935,363; Nov. 14.
- Engine temperature control, Gas. D. E. Porter. 1,931,356; Oct. 17.
- Engine tester. T. G. Blose. 1,924,975; Aug. 29.
- Engine valve lubricating means. J. F. Robinson. 1,938,042; Dec. 5.
- Engine with adjustable compression chamber. L. A. D. Filliol. 1,936,785; Nov. 28.
- Engine with preheated air, Combustion. J. D. Morgan. 1,904,070; Apr. 18.
- Engine with supercharging, Internal combustion. M. Trechsel. 1,893,006; Jan. 3.
- Engines and pumps, Construction of motive power. H. C. Flind. 1,922,477; Aug. 15.
- Engines and the like, Exhausting system for hydrocarbon. C. A. Winslow. 1,897,746; Feb. 14.
- Engines, Apparatus for cooling internal combustion. G. A. Page, jr. 1,906,404; May 2.
- Engines, Apparatus for the prevention of backfiring in internal combustion. A. DeFrance. 1,914,111; June 13.
- Engines, Attachment for internal combustion. L. H. Mesinger, jr. 1,910,350; May 23.
- Engines, Automatic spark control for internal combustion. V. L. Howe. 1,895,328; Jan. 24.
- Engines, Automatic suction choking for starting internal combustion. D. J. Noland. 1,932,530; Oct. 31.
- Engines, Auxiliary air inlet device for internal combustion. O. E. Michaud. 1,938,968; Dec. 12.
- Engines, Balancing system for internal combustion. A. J. Bocz. 1,907,339; May 2.
- Engines, Controlling the starting of internal combustion. H. H. Trail. 1,912,669; June 6.
- Engines, Driving internal combustion. R. Erren. 1,901,709; Mar. 14.
- Engines, Exhaust turbo blower for internal combustion. A. Buchi. 1,921,907; Aug. 8.
- Engines, Fueling internal combustion. A. Moore. 1,901,849; Mar. 14.
- Engines having an over-high pressure of compression, Device for feeding explosion. L. M. F. Genety. 1,895,381; Jan. 24.
- Engines, Intake arrangement for internal explosion. E. Zurmühle. 1,938,164; Dec. 5.
- Engines, Method of and apparatus for cooling internal combustion. M. B. Blecker. 1,934,399; Nov. 7.
- Engines, Mounting for V-8. C. E. Summers. 1,929,104; Oct. 3.
- Engines, Oil feeding apparatus for internal combustion. M. Kumagal. 1,893,649; Jan. 10.
- Engines, Operation of internal combustion. G. Alleman. 1,940,440; Dec. 19.
- Engines, Operating internal combustion. E. Schimanek. 1,934,238; Nov. 7.
- Engines, Packing joint for water cooled internal combustion. M. J. B. Barbarou. 1,893,192; Jan. 3.
- Engines, Primary-combustion or explosion device for internal combustion. F. Marburg. 1,939,180; Dec. 12.
- Engines, Reversing and control mechanism for internal combustion. M. J. Goldberg and F. C. Teuf. 1,900,054; Mar. 7.
- Engines, Starting internal combustion. L. Schargorodsky. 1,900,367; Mar. 7.
- Engines, System of beater. W. V. Knoll. 1,937,156; Nov. 28.
- Engines, Thermostatic control for internal combustion. H. L. Blood. 1,895,534; Jan. 31.
- Engines, Thermostatically controlled shutter for internal combustion. E. G. Peterson. 1,908,046; May 9.
- Engines to facilitate starting, Method of and apparatus for heating internal combustion. H. L. McCleery. 1,927,554; Sept. 19.
- Engraving. J. W. Dalton. 1,933,792; Nov. 7.
- Engraving machine. J. D. Linn. 1,905,725; Apr. 25.
- Engraving machine. H. B. Scott and E. Warner. 1,924,293; Aug. 29.
- Engraving machine and the like. G. Gorton. 1,925,036; Aug. 29.
- Engraving-machine cutter. G. Gorton. 1,935,555; Nov. 14.
- Engraving plates, Method of and mechanism for cleansing the inked surfaces of. P. Aitchison. 1,927,056; Sept. 19.
- Engraving, printing, or stamping machine. W. J. Lewis. 1,908,770; May 16.
- Engraving, Relief. W. Howey. 1,907,816; May 9.
- Enslage cutter and blower. J. Orth. 1,936,173; Nov. 21.
- Entrance control. D. J. Wallace. 1,900,422; Mar. 7.
- Entrance inclosure. E. V. Lindstrom. 1,910,618; May 23.
- Envelope. A. Bayer. 1,897,602; Feb. 14.
- Envelope. G. J. Praechtl. 1,938,038; Dec. 5.
- Envelope. W. R. Leas. 1,928,180; Sept. 26.
- Envelope. H. H. Rehneman. 1,898,685; Feb. 21.
- Envelope. A. Scarfi. 1,896,425; Feb. 7.
- Envelope. B. Standal and J. K. Langseth. 1,932,536; Oct. 31.
- Envelope. J. J. Sullivan. 1,932,257; Oct. 24.
- Envelope. W. E. Swift. 1,935,135; Nov. 14.
- Envelope construction. E. G. Overly. 1,895,484; Jan. 31.
- Envelope construction. E. G. Overly. 1,895,486; Jan. 31.
- Envelope, Duplex. W. A. Jenrich. 1,931,351; Oct. 17.
- Envelope fasteners, Method of and apparatus for applying. L. C. Pearce. 1,931,155; Oct. 17.
- Envelope feeding mechanism. S. J. T. Price. 1,918,425; July 18.
- Envelope, File. C. R. Middleton. 1,022,213; Aug. 15.
- Envelope flap moistener and sealing device. W. H. Bryson. 1,910,677; May 23.
- Envelope folding machine. R. A. Nelson. 1,939,360; Dec. 12.
- Envelope for paper money. J. J. Reinhold. Des. 90,730; Sept. 19.
- Envelope, License plate. E. G. Overly. 1,895,485; Jan. 31.
- Envelope, Locking coupon. D. M. Kennedy. 1,897,847; Feb. 14.
- Envelope, Mailing. J. Palmer and E. W. Sweigard. 1,939,721; Dec. 19.
- Envelope moistener. C. D. Ryan. 1,894,427; Jan. 17.
- Envelope opening device. A. K. Smith and F. J. Gargano. 1,934,098; Nov. 7.
- Envelope opening means. P. Adams. 1,930,299; Oct. 10.
- Envelope opening means. R. C. Thomas. 1,930,066; Oct. 10.
- Envelope, Reinforced. F. D. Jonas. 1,909,683; May 16.
- Envelope sealer. J. H. Byerley. 1,925,653; Sept. 5.
- Envelope sealing machine. E. E. Gray. 1,921,119; Aug. 8.
- Envelope, Self-opening. C. Rubino. 1,895,646; Jan. 31.
- Envelope, Tamper-proof. S. M. Gorn. 1,907,352; May 2.
- Envelope, Transparent. A. W. Engel. 1,913,109; June 6.
- Envelope, Two compartment. C. K. Judd. 1,939,780; Dec. 19.
- Envelopes, Apparatus for and method of making. W. H. Rife. 1,933,120; Oct. 31.
- Envelopes, Apparatus for making lined. W. H. Rife. 1,933,121; Oct. 31.
- Envelopes, in cartons, Inserting filled. H. Chinell, J. E. Johnson, T. Olsen, and D. A. Farrell. 1,907,396; May 2.
- Envelopes, Making. H. W. Nichols. 1,941,412; Dec. 26.
- Envelopes without carbon copy by means of a typewriter, Arrangement for consecutively addressing any number of. G. Keller. 1,893,086; Jan. 3.
- Enzymatic reactions, Influencing the speed of. F. F. Nord. 1,927,069; Sept. 19.
- Epidiascope. H. Plies. 1,904,695; Apr. 18.
- Epithelial cell-growth stimulant. L. E. Sutton. 1,926,797; Sept. 12.
- Equalized amplifying tube. E. H. Kurth. 1,909,411; May 16.
- Equalizer for brakes, Self-adjusting. E. and C. M. Stokes. 1,915,207; June 20.
- Equalizer for multiple cables, Strain. G. K. Viall. 1,918,220; July 11.
- Equalizer for vehicle springs. C. B. Smith. 1,918,141; July 11.
- Equalizer for vehicle springs. C. B. Smith. 1,931,361; Oct. 17.
- Equalizer for vehicle springs. C. B. Smith. 1,932,165; Oct. 24.
- Equalizing chase clamp. J. E. Lee, F. Barney, and P. J. Beatty. 1,936,795; Nov. 28.
- Equalizing device. S. J. Moran. 1,912,537; June 6.
- Equalizing head for broaching machines. C. J. Halborg. 1,910,388; May 23.
- Equalizing mechanism for belt presses or the like. C. F. Schnuck. 1,923,166; Aug. 22.
- Equalizing strains upon a group of cables connected to a stress-receiving element. W. P. Frost. 1,894,351; Jan. 17.
- Equalizing valve. J. Wahl. 1,931,637; Oct. 24.
- Equipment and method for testing electrical coils and trimming the leads thereof. E. Sommer. 1,908,272; May 9.
- Equipment case. A. A. Ruben. 1,939,572; Dec. 12.
- Equipment for blow-out prevention. F. W. Hild. 1,938,019; Dec. 5.
- Equipment for coursing parks, Portable. F. Flick. 1,923,085; Aug. 22.
- Equipment for moored airships. O. Krell. 1,935,271; Nov. 14.
- Eraser. E. A. Clavey. 1,933,366; Oct. 31.
- Eraser. W. H. Hutter. 1,925,388; Sept. 5.
- Eraser. T. Kovacs. 1,926,289; Sept. 12.
- Eraser and holding tip therefor. H. B. Van Dorn and F. H. Mix. 1,927,142; Sept. 19.
- Eraser and pencil holder attachment for typewriters. B. Lapin. 1,899,509; Feb. 28.
- Eraser attachment for lead pencils. L. J. Reckford. 1,903,474; Apr. 11.
- Eraser, Blackboard. C. E. Daniel. 1,934,843; Nov. 14.
- Eraser, Blackboard. W. G. Reynolds. 1,928,230; Sept. 26.
- Eraser cleaner. H. L. Hurn. 1,914,017; June 13.
- Eraser cleaner. J. F. Palmer. 1,935,250; Nov. 14.
- Eraser cleaning machine. J. M. Horton. 1,908,670; May 9.
- Erection apparatus. J. L. de Vou. 1,899,456; Feb. 28.
- Ergosterol, Isolation of. A. Zimmerli. 1,893,317; Jan. 3.
- Erythrene and its homologues, Polymerization of. A. T. Maximoff. 1,910,846; May 23.
- Escape apparatus. D. Lugara. 1,914,889; June 20.

- Escape apparatus, Submarine. R. H. Davis. 1,899,855; Feb. 28.
- Escape attachment for submarines. A. Saeder. 1,892,850; Jan. 3.
- Escape wheel. H. L. Beehler. 1,928,554; Sept. 26.
- Escapement. F. Franz. 1,934,611; Nov. 7.
- Escapement and pendulum mechanism. G. Jaissle. 1,902,366; Mar. 21.
- Escutcheon for bracelets or the like. S. Schnelling. Des. 89,358; Feb. 28.
- Escutcheon plate lock and adjustment indicator. W. R. Schlage. 1,938,112; Dec. 5.
- Ester-aldehyde condensation products, Preparation of. F. Seebach. 1,933,124; Oct. 31.
- Ester-aldehyde gum emulsion and making same. K. G. Blaikie and G. O. Morrison. 1,906,207; Apr. 25.
- Ester of dibasic acid. W. E. Lawson. 1,909,196; May 16.
- Ester of dihydro-3,3'-dichlor-dianthraquinone-1,2,2',1'-dihydroazine, Disulphuric. D. A. W. Fairweather and J. Thomas. 1,936,474; Nov. 21.
- Ester purification. S. R. Merley. 1,898,737; Feb. 21.
- Ester, Resin-like. F. C. Hahn. 1,909,195; May 16.
- Ester resin product and making same. T. F. Bradley. 1,893,982; Jan. 10.
- Esterification. G. D. Graves. 1,915,308; June 27.
- Esters and preparing the same, Wax-like. D. K. Tressler. 1,925,063; Aug. 29.
- Esters derived from petroleum hydrocarbons and producing same. H. A. Bruson. 1,896,608; Feb. 7.
- Esters from β -chloropropionic esters, Production of acrylic. B. Jacobi and H. Fikentscher. 1,934,613; Nov. 7.
- Esters from olefines, Making. R. M. Isham. 1,929,870; Oct. 10.
- Esters, Hydrolysis of. W. Engs and R. Z. Moravec. 1,938,178; Dec. 5.
- Esters, Making organic. O. Spring. 1,924,575; Aug. 29.
- Esters, Manufacture of. S. R. Merley and O. Spring. 1,924,615; Aug. 29.
- Esters, Manufacture of butyric, Cellulose. H. Gault and B. M. R. Angla. 1,896,039; Jan. 31.
- Esters, Manufacture of liquid dialkyl phthalate. J. W. Livingston. 1,905,974; Apr. 25.
- Esters, Manufacture of mixed alkyl phenyl. M. N. Dvornikoff. 1,899,919; Feb. 28.
- Esters, Manufacturing organic. S. R. Merley. 1,924,616; Aug. 29.
- Esters of anthrahydroquinone and its derivatives, Production of sulphonic. D. A. W. Fairweather and J. Thomas. 1,929,866; Oct. 10.
- Esters of anthrahydroquinones, Manufacture of sulphuric. D. A. W. Fairweather and J. Thomas. 1,904,721; Apr. 18.
- Esters of carboxylic acids, Mixed. L. P. Kyrides. 1,939,217; Dec. 12.
- Esters of carboxylic acids, Preparing alkyl. W. Lommel and R. Engelhardt. 1,903,868; Apr. 18.
- Esters of cellulose, Making mixed. C. J. Malm and C. R. Fordyce. 1,928,652; Oct. 3.
- Esters of cellulose, Making organic. C. Dreyfus and G. Schneider. 1,911,068; May 23.
- Esters of cellulose, Making organic. H. E. Martin, J. W. Elder, and L. N. Rogers. 1,916,273; July 4.
- Esters of cellulose, Preparation of organic. C. S. Webber and C. J. Staud. 1,908,499; May 9.
- Esters of cellulose, Preparing organic. H. E. Martin and J. W. Elder. 1,916,274; July 4.
- Esters of ethyl alcohol, Continuous production. O. Fuchs. 1,939,116; Dec. 12.
- Esters of fatty-aromatic acids and obtaining the same, Basic. M. Guggenheim. 1,932,341; Oct. 24.
- Esters of halogenated fatty acids, Sulphuric. W. T. Winckler. 1,912,814; June 6.
- Esters of high gravity from castor oil, Preparing. C. R. Del-Turco. 1,936,831; Nov. 28.
- Esters of higher fatty acids, Soluble cellulose. M. Hagedorn and G. Hingst. 1,940,589; Dec. 19.
- Esters of higher organic acids, Manufacture of soluble cellulose. B. M. R. Angla. 1,909,798; May 16.
- Esters of hydroxy-acids, Producing acylated. E. J. Powers. 1,927,295; Sept. 19.
- Esters of monocarboxylic acids and their derivatives, Production of. A. O. Jaeger. 1,925,590; Sept. 5.
- Esters of nitrogen-containing organic compounds, Production of sulphuric. H. Ulrich and P. Koerdig. 1,931,806; Oct. 24.
- Esters of organic acids, Saponification of. W. Bader. 1,894,479; Jan. 17.
- Esters of phosphoric acid, Manufacture of phenyl. E. Clemmensen. 1,931,056; Oct. 17.
- Esters of phosphoric acid, Manufacture of phenyl. E. Clemmensen. 1,931,058; Oct. 17.
- Esters of phosphoric acid, Purification of aryl. E. Clemmensen. 1,931,059; Oct. 17.
- Esters of polymeric carbohydrates, Preparing. A. Schmidt, G. Balle, and H. Lange. 1,931,832; Oct. 24.
- Esters of resin acids, Producing. A. C. Johnston. 1,924,934; Aug. 29.
- Esters of sulphonated aromatic carboxylic acids and making same. F. Felix and O. Albrecht. 1,935,264; Nov. 14.
- Esters of the carbohydrates, Preparing. A. Schmidt, G. Balle, and H. Lange. 1,928,269; Sept. 26.
- Esters of the carbohydrates, Preparing. A. Schmidt, G. Balle, and H. Lange. 1,938,044; Dec. 5.
- Esters of the hydroxy fatty acids of castor oil. E. J. Powers. 1,927,296; Sept. 19.
- Esters of 2,3-amino-naphthoic acid and preparing them. L. Sander. 1,903,880; Apr. 18.
- Esters, Preparing vinyl. W. Weibezahn. 1,912,608; June 6.
- Esters, Producing. T. S. Carswell, E. T. Stehly, and N. J. G. Alozerij. 1,905,144; Apr. 25.
- Etching machine, Continuous. F. T. Powers. 1,908,487; May 9.
- Etching process and composition for use therein. M. F. Conroy. 1,903,778; Apr. 18.
- Ethanol amines, Production of. E. W. Reid and D. C. Lewis. 1,904,013; Apr. 18.
- Ether derivatives of carbohydrates like cellulose, Manufacture of. A. W. Schorger. 1,914,172; June 13.
- Ether derivatives of carbohydrates like cellulose, Manufacture of. A. W. Schorger. 1,941,276-8; Dec. 26.
- Ether of aromatic ketones, Basic. M. Hartmann and H. Isler. 1,894,865; Jan. 17.
- Ether, Purification and preservation of. S. Palkin and H. P. Watkins. 1,893,870; Jan. 10.
- Ether, Purifying. F. W. Nitardy. 1,935,658; Nov. 21.
- Ethers of cellulose, Manufacture of alkyl. D. Traill. 1,938,360; Dec. 5.
- Ethers of polyhydric alcohols and their production. O. Schmidt and E. Meyer. 1,922,459; Aug. 15.
- Ethers of tertiary amines and preparing same, Hydroxy alkyl. H. Ulrich, J. Nuesslein, and P. Koerdig. 1,923,178; Aug. 22.
- Ethers, Producing unsaturated. W. O. Herrmann and H. Deutsch. 1,902,169; Mar. 21.
- Ethers, Production of unsaturated. K. Baur. 1,931,858; Oct. 24.
- Ethers, Production of vinyl. W. Reppe. 1,941,108; Dec. 26.
- Ethers, Sorbitol. W. E. Lawson. 1,936,093; Nov. 21.
- Ethyl acetate, Production of. H. Ufer. 1,910,818; May 23.
- Ethyl ether, Preservation of. H. L. Cox and P. S. Greer. 1,903,642; Apr. 11.
- Ethylene containing gaseous mixtures, Increasing the ethylene content of. G. F. Horsley. 1,893,586; Jan. 10.
- Ethylene dibromide, Purifying. S. B. Heath and M. O. Keller. 1,921,157; Aug. 8.
- Evacuation system. P. L. Spencer. 1,906,653; May 2.
- Evacuator. I. C. Looman. 1,939,124; Dec. 12.
- Evaporating apparatus. J. Golding. 1,922,914; Aug. 15.
- Evaporating apparatus. F. X. Govers. 1,896,618; Feb. 7.
- Evaporating means. M. W. Baden. 1,930,869; Oct. 17.
- Evaporating solutions, Method of and apparatus for. B. S. Hughes, W. H. Eggert and S. Hughes. 1,917,841; July 11.
- Evaporation losses, Prevention of. H. V. Atwell. 1,901,576; Mar. 14.
- Evaporator. A. H. Baer. 1,920,050; July 25.
- Evaporator. O. Engisch. 1,918,385; July 18.
- Evaporator. F. R. Erbach. 1,893,361; Jan. 3.
- Evaporator. C. L. Lipman. 1,903,351; Apr. 4.
- Evaporator. F. G. Slagel. 1,900,742; Mar. 7.
- Evaporator. F. G. Slagel. 1,917,667; July 11.
- Evaporator. F. G. Slagel. 1,923,170-2; Aug. 22.
- Evaporator. F. G. Slagel. 1,926,461; Sept. 12.
- Evaporator. F. G. Slagel. 1,929,937; Oct. 10.
- Evaporator. C. H. Smith. 1,895,587; Jan. 31.
- Evaporator. K. Vykopil. 1,902,533; Mar. 21.
- Evaporator. E. T. Williams. 1,906,296; May 2.
- Evaporator and shelf. F. G. Slagel. 1,929,938; Oct. 10.
- Evaporator, Concentration. G. T. Reich. 1,930,861; Oct. 17.
- Evaporator for refrigerators. G. W. Mason. 1,896,412; Feb. 7.
- Evaporator for refrigerators. L. A. Philipp. 1,893,338; Jan. 3.
- Evaporator for refrigerators. A. E. Schneider. 1,914,300; June 13.
- Evaporator for refrigerators. C. C. Spreen. 1,893,341; Jan. 3.
- Evaporator structure for refrigerating systems. R. H. Beman. 1,896,341; Feb. 7.
- Evaporator, Two-temperature. R. S. Taylor. 1,900,674; Mar. 7.
- Evaporators for liquefied gases, Preventing the overfilling of warm. C. W. P. Heylandt. 1,941,304; Dec. 26.
- Evening and grading machine. M. T. Denne, G. C. Thaites, and S. H. Chambers. 1,937,815; Dec. 5.
- Excavating apparatus. C. A. Davidson. 1,929,397; Oct. 3.
- Excavating apparatus. L. E. MacFayden. 1,920,873; Aug. 1.
- Excavating machine. R. R. Downie. 1,896,293; Feb. 7.
- Excavating machine. R. R. Downie. 1,902,691-3; Mar. 21.
- Excavating machine. E. J. Kane. 1,919,515; July 25.
- Excavating machine. G. M. Turnham. 1,907,373; May 2.
- Excavator. R. Bergmann. 1,898,810; Feb. 21.
- Excavator. K. Messick. 1,899,345; Feb. 28.
- Excavator. J. D. Pugh. 1,929,004; Oct. 3.
- Excavator. N. C. Nickerson. 1,933,924; Nov. 7.
- Excavator. F. O. Snow, jr. 1,905,191; Apr. 25.
- Excavator. K. Wissmann. 1,940,616; Dec. 19.
- Excavator apparatus. L. E. Dierks. 1,917,955; July 11.
- Excavator chain construction. G. A. Vaughn. 1,912,743; June 6.

- Excavator, Drag line. F. Lang. 1,919,228; July 25.
 Excavator mechanism. G. T. Ronk. 1,898,395; Feb. 21.
 Excavator, Power. W. Ferris. 1,922,285; Aug. 15.
 Excavator, Tower. W. Lehman. 1,906,760; May 2.
 Excavators, Boom feet for. W. Lehman and M. L. Fykse. 1,898,453; Feb. 21.
 Excavators, Earth discharge mechanism for. N. De Wind. 1,917,508; July 11.
 Exercise machine. P. S. Hardy. 1,905,092; Apr. 25.
 Exerciser. E. Smyley. 1,926,921; Sept. 12.
 Exerciser. F. G. and W. M. Folberth. 1,926,844; Sept. 12.
 Exerciser for pedal or manual extremities. M. J. Pullman. 1,911,390; May 30.
 Exercising and amusement device. E. Yoes. 1,922,466; Aug. 15.
 Exercising and massaging device. I. H. Wilsey. 1,895,116; Jan. 24.
 Exercising apparatus. H. Blickman. 1,928,089; Sept. 26.
 Exercising apparatus. A. S. Fitzgerald. 1,919,627; July 25.
 Exercising apparatus. L. M. Persons. 1,896,010; Jan. 31.
 Exercising apparatus. J. Sachs. 1,909,190; May 16.
 Exercising apparatus. D. Turner. 1,905,019; Apr. 25.
 Exercising device. P. W. Smith. 1,918,142; July 11.
 Exercising machine. J. D. Bell. 1,899,255; Feb. 28.
 Exercising machine. C. L. Duff. 1,916,660; July 4.
 Exercising machine. A. F. Luzzi. 1,920,574; Aug. 1.
 Exhaust box. F. D. Chapman. 1,910,241; May 23.
 Exhaust for cooking utensils, etc., Steam and fume. R. Brooks. 1,935,108; Nov. 14.
 Exhaust operated heater. F. Buschbaum. 1,920,059; July 25.
 Exhaust purifier. S. Schneider. 1,921,783; Aug. 8.
 Exhaust silencer. S. B. Gold. 1,906,956; May 2.
 Exhaust silencer. E. Rognon. 1,914,789; June 20.
 Exhaust silencing means. C. B. Jahnke. 1,926,723; Sept. 12.
 Exhauster for dry pipe valve system. E. Benson. 1,930,580; Oct. 17.
 Exhausting mechanism. D. N. Crosthwait, jr. 1,893,883; Jan. 10.
 Exhausting mechanism. R. W. Van Valzah. 1,921,399; Aug. 8.
 Exhaustion device. O. Hahn. 1,896,951; Feb. 7.
 Exhibiting apparatus. G. A. Holcombe. 1,900,557; Mar. 7.
 Exhibitor. H. E. Edwards. 1,905,962; Apr. 25.
 Exhibitor, Changeable. A. J. Kauffman. 1,920,084; July 25.
 Expander for metal container covers. J. F. Johnson. 1,928,104; Sept. 26.
 Expanding brake. A. H. G. Girling. 1,937,691; Dec. 5.
 Expanding brake. G. T. Smith-Clarke. 1,930,417; Oct. 10.
 Expanding mill. O. F. Olson. 1,919,390; July 25.
 Expanding tool. R. R. Greninger. 1,918,640; July 18.
 Expandible element, Mechanically. R. E. Lyford. 1,919,340; July 25.
 Expandible fluid meter. E. S. Smith, jr. 1,940,921; Dec. 26.
 Expandible wheel. J. M. Mason. 1,894,909; Jan. 17.
 Expandible wheel. J. M. Mason. 1,939,711; Dec. 19.
 Expandible wheel. W. Nelson. 1,926,211; Sept. 12.
 Expansion and contraction joint. A. C. Fischer. 1,898,943; Feb. 21.
 Expansion and contraction joint, Combined. A. C. Fischer. 1,902,944; Mar. 28.
 Expansion brace. C. E. Wyrick. 1,911,734; May 30.
 Expansion chamber. D. M. Casterline. 1,923,912; Aug. 22.
 Expansion compensator. I. H. Beddoe. 1,905,991; Apr. 25.
 Expansion device. H. S. Estler. 1,937,555; Dec. 5.
 Expansion engine, Multiple. L. W. Lindberg. 1,904,871; Apr. 18.
 Expansion joint. A. C. Badger. 1,929,401; Oct. 10.
 Expansion joint. A. C. Fischer. 1,899,435; Feb. 28.
 Expansion joint. A. C. Fischer. 1,901,870; Mar. 21.
 Expansion joint. A. C. Fischer. 1,907,416; May 2.
 Expansion joint. M. H. Gysling. 1,914,741; June 20.
 Expansion joint. R. Hall. 1,928,003; Sept. 5.
 Expansion joint for tiled bathtub recesses. W. G. Anderson. 1,919,354; July 25.
 Expansion valve. J. G. Bergdoll. 1,923,810; Aug. 22.
 Expansion valve. L. W. Eggleston and E. L. Auran. 1,935,548; Nov. 14.
 Expansion valve, Thermostatically controlled. D. C. Seitz. 1,932,356; Oct. 24.
 Explosion engine. G. Farina. 1,897,191; Feb. 14.
 Explosion process and apparatus, Multistage, constant volume. H. Holzwarth. 1,901,873; Mar. 21.
 Explosionproof motor. W. W. Sloane. 1,917,607; July 11.
 Explosion turbine plant. H. Holzwarth. 1,920,143; July 25.
 Explosion vent. H. E. Van Derhoef. 1,930,138; Oct. 10.
 Explosive. H. W. Botts and H. W. Champney. 1,895,144; Jan. 24.
 Explosive. H. H. Champney. 1,924,912; Aug. 29.
 Explosive. W. C. Holmes. 1,905,289; Apr. 25.
 Explosive. N. G. Johnson. 1,940,255; Dec. 19.
 Explosive. J. D. McNutt. 1,906,394; May 2.
 Explosive. G. A. Pritchett and H. G. Walker. 1,923,327; Aug. 22.
 Explosive. R. Schless. 1,916,078; June 27.
 Explosive charges, Preparing. O. Matter. 1,908,594; Apr. 11.
 Explosive composition. W. C. Holmes. 1,927,832; Sept. 26.
 Explosive composition. R. Schless. 1,901,126; Mar. 14.
 Explosives, Apparatus for melting. H. S. Deck. 1,903,504; Apr. 11.
 Extensible handle. F. Purdon. 1,921,323; Aug. 8.
 Extension device. K. H. Baker. 1,910,729; May 23.
 Extension device. E. G. Carlson. 1,905,681; Apr. 25.
 Extension for socket wrenches. G. F. Croessant. 1,924,089; Aug. 29.
 Extension leaf table. P. Hansen. 1,927,282; Sept. 19.
 Extension outlet. R. S. McNeil. 1,894,112; Jan. 10.
 Extension table. J. Cooper. 1,938,893; Dec. 12.
 Extension table. B. O. Cuffel. 1,933,316; Oct. 31.
 Extension table. M. Fox. 1,922,478; Aug. 15.
 Extension table. M. Fox. 1,937,221; Nov. 28.
 Extension table. R. A. and A. H. Holland. 1,907,111; May 2.
 Extension table. W. O. Knaub and F. B. Walter. 1,938,223; Dec. 5.
 Extension table. J. S. Knechtel. 1,929,820; Oct. 10.
 Extension table. R. B. Ogburn. 1,939,515; Dec. 12.
 Extension table. W. P. Seng and G. F. Hassel. 1,937,250-1; Nov. 28.
 Extension table. J. Somma. 1,911,854; May 30.
 Extension table. F. B. Walter. 1,930,846; Oct. 17.
 Extension table. M. Wurm. 1,911,662; May 30.
 Extension table. M. Wurm. 1,915,346-7; June 27.
 Extension table. M. Wurm. 1,940,897; Dec. 26.
 Extension table, Jump-leaf. F. B. Walter. 1,935,531; Nov. 14.
 Extensometer. R. L. Templin. 1,908,930; May 16.
 Extinguishing, Flame. R. E. Gurrell. 1,918,808; July 18.
 Extracting iodine from aqueous solutions. C. W. Jones. 1,918,039; July 11.
 Extraction and filtration apparatus, Continuous. P. L. Fauth. 1,940,585; Dec. 19.
 Extraction apparatus. P. A. Goldfisch. 1,937,694; Dec. 5.
 Extraction, Method of. N. A. Sankowsky. 1,933,077; Oct. 31.
 Extractor: See—
 Air extractor. Juice extractor.
 Automobile extractor. Mist extractor.
 Centrifugal extractor. Oil and water extractor.
 Clear top extractor. Paper pulp extractor.
 Compound tubular fabric. Pressure extractor.
 Dust extractor. Spike and nail extractor.
 Felted fabric. Spray extractor.
 Fruit juice extractor. Waffle extractor.
 Hull extractor.
 Hydraulic sand extractor.
 Extractor. E. Mason. 1,938,601; Dec. 12.
 Extractor. E. S. Pearce. 1,926,402; Sept. 12.
 Extractor. F. M. Watkins. 1,937,860; Dec. 5.
 Extractor suspension. J. B. Sando and O. W. Johnson. 1,936,461; Nov. 21.
 Extracts from drugs containing digitalis glycosides, Making purified. W. Straub. 1,923,238; Aug. 22.
 Extracts from vegetable and animal materials, Obtaining. F. C. Nicholas. 1,937,410; Nov. 28.
 Extruding machine. E. H. R. Barton. 1,929,395; Oct. 3.
 Extruding machine. E. H. Johnson. 1,912,374; June 6.
 Extruding machine. V. Royle. 1,904,884; Apr. 18.
 Extruding machine. F. J. Shook. 1,902,295; Mar. 21.
 Extruding machine for plastic material. W. C. State and J. L. Haase. 1,934,647; Nov. 7.
 Extrusion die. B. M. A. Trebes. 1,911,858; May 30.
 Extrusion molding press. P. Eckert. 1,922,937; Aug. 15.
 Extrusion press. W. E. Humphrey. 1,914,689; June 20.
 Eye and eyelash for dolls, Combined. V. Keney. 1,902,816; Mar. 28.
 Eye and loop for anchor rods. W. G. Milne and W. N. Elliott. 1,905,966; Apr. 25.
 Eye, Artificial. L. J. Grubman. 1,907,958; May 9.
 Eye-cap. C. M. Whitman and L. B. McDonnell. 1,926,926; Sept. 12.
 Eye cup. S. M. Sager. 1,900,201; Mar. 7.
 Eyeglass case. S. L. Lachter. Des. 90,095; June 6.
 Eyeglass construction. G. E. Nerney. 1,915,577; June 27.
 Eyeglass construction, Contact. B. L. Wilhelm. 1,929,228; Oct. 3.
 Eyeglass frame. F. G. Marclano. 1,924,951; Aug. 29.
 Eyeglass frame. V. Tanasso and J. J. Pomeranz. 1,931,634; Oct. 24.
 Eyeglass reflector. S. A. Julien. 1,916,110; June 27.
 Eyeglass structure. W. W. Ferris. 1,914,971; June 20.
 Eyeglasses. A. H. Adams and S. F. Hampton. 1,908,723; May 16.
 Eyeglasses. R. Guilmette. 1,925,960; Sept. 5.
 Eyeglasses. G. W. Landers. 1,909,285; May 16.
 Eyeglasses. K. Martin. 1,903,593; Apr. 11.
 Eyeglasses for correcting retinal image asymmetry. A. Ames, Jr., and G. H. Gliddon. 1,933,578; Nov. 7.
 Eyeglasses or spectacles. F. A. Braucht. 1,931,177; Oct. 17.
 Eyelash curler. E. E. Kahn. 1,920,401; Aug. 1.
 Eyelash curler. A. Lewis. 1,939,013; Dec. 12.
 Eyelash curler. N. Manning. 1,925,266; Sept. 5.
 Eyelash curler. W. R. Tuttle and C. W. Stickel. 1,904,575; Apr. 18.
 Eyelashes, Device for simulating natural. M. A. Birk. 1,897,747; Feb. 14.
 Eyelashes, Device for treating the. M. A. Birk. 1,897,719; Feb. 14.

- Eye mounting for dolls. J. A. Manning. 1,903,549; Apr. 11.
 Eye protector. N. M. Baker. 1,936,746; Nov. 28.
 Eye protector. L. L. Gagnon. 1,925,588; Sept. 5.
 Eye protector. S. M. Griswold. 1,930,972; Oct. 17.
 Eye protector. E. D. Tillyer and E. A. Teeson. 1,936,736; Nov. 28.
 Eye set. A. Konoff. 1,897,848; Feb. 14.
 Eye set for dolls. J. H. Wilhelm. 1,910,911; May 23.
 Eyeshade. B. Harpster. 1,918,264; July 18.
 Eyeshade. J. N. Naulty. 1,911,842; May 30.
 Eye structure for dolls. D. Zaiden. 1,908,098; May 9.
 Eye structure for dolls, Detachable. D. Zaiden. 1,926,574; Sept. 12.
 Eye testing apparatus. J. D. Larkin. 3d. 1,919,791; July 25.
 Eye testing instrument and method. E. D. Tillyer. 1,925,576; Sept. 5.
 Eye wire for an ophthalmic mounting. G. E. Nerney. Des. 90,815; Oct. 3.
 Eyelet machine. C. Lofman. 1,895,550; Jan. 31.
 Eyes. Device for the protection of the. S. L. Lemel. 1,905,415; Apr. 25.
 Fabric: See—
 Aeroplane fabric. Rubberized fabric.
 Clothlike fabric. Stocking toe fabric.
 Coated fabric. Tapestry fabric.
 Elastic fabric. Textile fabric.
 Elastic woven fabric. Tinsel fabric.
 Knitted fabric. Tubular rib fabric.
 Knitted metallic fabric. Ultra-violet ray transmitting fabric.
 Loop pile fabric. Weightless fabric.
 Pile fabric. Wire fabric.
 Protected inking fabric. Woven wire fabric.
 Ribbed knitted fabric. Zigzag mesh fabric.
 Rubber coated fabric.
 Fabric. J. Erkes. Des. 90,480; Aug. 15.
 Fabric. J. Erkes. Des. 90,576; Aug. 29.
 Fabric. A. A. Gobeille. 1,922,943; Aug. 15.
 Fabric. F. N. Hicks. Des. 90,194; June 27.
 Fabric. M. Semaria. Des. 90,556; Aug. 22.
 Fabric and making the same. A. L. Helwith. 1,931,023; Oct. 17.
 Fabric and making the same. W. S. Libbey. 1,922,444; Aug. 15.
 Fabric and making the same, Flexible wear-resisting sealing. E. H. Berger. 1,900,904; Mar. 14.
 Fabric and method and apparatus for producing it. H. L. Shuttleworth. 1,939,864; Dec. 19.
 Fabric and producing same, Ornamental sheet. J. Stein. 1,923,512; Aug. 22.
 Fabric and producing the same. H. Platt and C. M. Croft. 1,897,712; Feb. 14.
 Fabric and product thereof, Delustering. H. Platt. 1,940,730; Dec. 26.
 Fabric and product thereof, Delustering knit. W. M. Cameron and C. M. Croft. 1,937,544; Dec. 5.
 Fabric and product thereof, Differentially coloring. C. Dreyfus and G. Rivat. 1,900,167; Mar. 7.
 Fabric and production, Ornamental. R. W. Sexton. 1,926,918; Sept. 12.
 Fabric and sheet material and the manufacture thereof. C. Dreyfus. 1,903,960; Apr. 18.
 Fabric and the production thereof, Knitted. T. H. Jones. 1,910,921; May 23.
 Fabric and the resulting product, Weaving patterned terry. S. P. Parker and J. L. Patterson. 1,925,459; Sept. 5.
 Fabric and treating the same. E. Cadgène. 1,924,677; Aug. 29.
 Fabric, Apparatus for cleaning and coating wire. G. R. Roemer. 1,935,995; Nov. 21.
 Fabric, Apparatus for the production of welded wire. J. Gaskell. 1,925,485; Sept. 5.
 Fabric article, Stitched. J. and M. Buono. 1,926,761; Sept. 12.
 Fabric, Composite. D. P. Murphy. Des. 90,292; July 11.
 Fabric containing organic derivative of cellulose yarn. C. Dreyfus. 1,908,328; May 9.
 Fabric display device. H. Donnell. 1,906,555; May 2.
 Fabric, Elastic. A. Knauer. Des. 90,287; July 11.
 Fabric expander. J. Laterra. 1,935,033; Nov. 14.
 Fabric forming machine. Z. R. and J. R. Maulsby. Re18,705; Jan. 3.
 Fabric making. R. J. Southwell and T. H. Wickwire, Jr. 1,922,270; Aug. 15.
 Fabric, Making a laminated. M. Buffington. 1,924,635; Aug. 29.
 Fabric, Making embossed. E. E. George. 1,919,059; July 18.
 Fabric, Making embossed coated. E. E. George. 1,919,058; July 18.
 Fabric making machine, Wire. I. C. Gellman. 1,905,086; Apr. 25.
 Fabric, Mechanism for forming wire. W. C. Wilson. 1,923,900; Aug. 22.
 Fabric, Method and apparatus for turning tubular. A. W. Forstall. 1,898,824; Feb. 21.
 Fabric, Method and machine for producing knitted split. H. E. and W. L. Houseman. 1,939,818; Dec. 19.
 Fabric or like article, Knitted. W. J. Beniston. Des. 90,865; Oct. 17.
 Fabric or similar article, Textile. M. Libert. Des. 90,289; July 11.
 Fabric or similar article, Textile. J. Schweizer. Des. 90,298; July 11.
 Fabric or similar article, Textile. J. Schweizer. Des. 90,384-5; July 25.
 Fabric or the like, Drapery. C. P. Baxter. Des. 90,936; Oct. 31.
 Fabric, Ornamented lining. L. Goebbel. 1,919,018; July 18.
 Fabric package, Narrow. F. W. Chamberlain. 1,928,617; Oct. 3.
 Fabric roll edge protector. J. H. Bowman. 1,931,314; Oct. 17.
 Fabric, Saturating. J. Zavertnik and A. A. MacCubbin. 1,920,541; Aug. 1.
 Fabric tensioning and fastening device. J. W. Steele. 1,895,495; Jan. 31.
 Fabric, Textile. J. Persky. Des. 90,293-6; July 11.
 Fabric, Treating. G. E. Herring. 1,916,050; June 27.
 Fabric treating compound. M. Goldberg. 1,896,815; Feb. 7.
 Fabric washer construction for crushing machinery and the like. E. B. Symons. 1,931,633; Oct. 24.
 Fabric welding machine. W. S. Southwick. 1,901,477; Mar. 14.
 Fabricated frame. R. A. McCarty. 1,901,315; Mar. 14.
 Fabricated material and its manufacture. W. A. Boughton. 1,926,028; Sept. 12.
 Fabricating machine for long stock. J. H. Roberts. 1,909,012; May 16.
 Fabricating metal parts of magnesium or magnesium alloys. J. E. Hoy. 1,918,545; July 18.
 Fabrics, Apparatus for dyeing or otherwise treating. E. A. Rusden. 1,917,065; July 4.
 Fabrics, Apparatus for treating. F. Hinnekens. 1,932,105; Oct. 24.
 Fabrics by means of a circulating bath, Device for treating. J. Annick. 1,903,585; Apr. 11.
 Fabrics, Cleaning. W. T. Reddish. 1,911,289; May 30.
 Fabrics, Cutting. C. Dulsdieker. 1,899,022; Feb. 28.
 Fabrics, Device for raising nap on. J. F. Heyn. 1,908,422; May 9.
 Fabrics for shirt collars and like purposes, Double or multiple woven. H. Hoferer. 1,909,468; May 16.
 Fabrics, Loading silk containing artificial. R. Clavel. 1,923,189; Aug. 22.
 Fabrics, Making woven. R. C. Simmons. 1,923,168; Aug. 22.
 Fabrics, Manufacture of woven. E. H. Wallin. 1,937,974; Nov. 28.
 Fabrics, Method and apparatus for spreading. J. P. Remington. 1,912,724; June 6.
 Fabrics, Method of and apparatus for impregnating and/or surface coating. C. W. Crumb and F. M. Sanders. 1,939,842; Dec. 19.
 Fabrics, Method of and apparatus for spreading. J. P. Remington. 1,912,466; June 6.
 Fabrics, Method of and apparatus for treating tubular textile. S. Cohn. 1,893,197; Jan. 3.
 Fabrics, Process and machine for producing knitted. P. W. Bristow and H. E. Houseman. 1,922,119; Aug. 15.
 Fabrics, Producing embroidered. R. Loeb. 1,909,185; May 16.
 Fabrics, Producing knitted. R. K. Mills. 1,894,319; Jan. 17.
 Fabrics, Treatment of. G. H. Ellis. 1,935,263; Nov. 14.
 Fabrics, Uniting wax. S. Moore. 1,940,559; Dec. 19.
 Fabrics with a liquid, Apparatus for treating. E. Cowles. 1,909,487; May 16.
 Face and bezel for instruments. J. Zubaty. 1,909,739; May 16.
 Face lift. N. H. Horne. 1,908,669; May 9.
 Face lifting and treating method and device. G. L. Ager. 1,938,554; Dec. 5.
 Face-plate. E. A. Baumbach. 1,931,640; Oct. 24.
 Face plate for coin chutes. W. C. Shinn. Des. 90,266; July 4.
 Face protector. R. Malcom. 1,904,993; Apr. 25.
 Face steamer. C. A. Butler. 1,937,316; Nov. 28.
 Facial pad. J. J. Goldman. 1,929,062; Oct. 3.
 Facing and chamfering machine. G. F. Yager. 1,895,562; Jan. 31.
 Facing and fillet cutter, End-thrust. I. R. Robison. 1,934,950; Nov. 14.
 Facing for paper-making machines, and manufacturing the same, Suction chest. W. and R. Poeschl, and W. Roth. 1,938,637; Dec. 12.
 Facing machine. H. A. Greenholt. 1,905,700; Apr. 25.
 Facsimile producing system. J. Weinberger. 1,927,428; Sept. 19.
 Facsimile receiver. V. K. Zworykin and H. M. Elsey. 1,909,142; May 16.
 Facsimile system, Arc scanning. A. M. Nicolson. 1,918,124; July 11.
 Facsimile transmitter. La V. R. Philpott. 1,927,900; Sept. 26.
 Facsimiles, Transmitting. E. Wildhaber. 1,934,753; Nov. 14.
 Fading effects in broadcast receivers, System for reducing. C. L. Davis. 1,938,067; Dec. 5.
 Fading, Eliminating. H. H. Beverage and H. O. Peterson. 1,917,290; July 11.
 Fading, Eliminating. H. H. Beverage and H. O. Peterson. 1,917,291; July 11.
 Fading, Eliminating. M. Osnos. 1,915,578; June 27.
 Fading elimination. O. Böhm. 1,898,477; Feb. 21.
 Fading, Method of and system for eliminating. J. H. Hammond, Jr. 1,915,782; June 27.

- Fading, Method of and system for elimination of. J. H. Hammond, Jr. 1,915,783; June 27.
- Fair lead. J. E. Dale. 1,941,250; Dec. 26.
- Fairleads for excavators. M. L. Fykse. 1,929,417; Oct. 10.
- Fan. E. L. Anderson. 1,910,225; May 23.
- Fan. E. L. Anderson. 1,920,543; Aug. 1.
- Fan. L. Arterburn. 1,934,783; Nov. 14.
- Fan. E. B. Bourne. 1,938,799; Dec. 12.
- Fan. C. W. Colby. 1,921,218; Aug. 8.
- Fan. H. F. Hagen. 1,935,120; Nov. 14.
- Fan. D. P. Ogden. 1,909,885; May 16.
- Fan. L. M. Persons. 1,897,860; Feb. 14.
- Fan. L. M. Persons. 1,906,408; May 2.
- Fan. D. G. Roos. 1,921,042; Aug. 8.
- Fan. D. G. Smellie. 1,893,184; Jan. 3.
- Fan, Adjustable ceiling. H. I. Finch and L. M. Persons. 1,935,314; Nov. 14.
- Fan, Air conditioning ceiling. D. E. Dasher. Des. 90,063; June 6.
- Fan, Air conditioning pedestal. D. E. Dasher. Des. 90,062; June 6.
- Fan and making the same, Double centrifugal. D. B. Replogle. 1,928,075; Sept. 26.
- Fan, Automobile. C. E. Jeffers. 1,907,973; May 9.
- Fan blade. H. F. Morse. 1,940,318; Dec. 19.
- Fan blades, Positioning and securing. C. Hollerith. 1,898,628; Feb. 21.
- Fan blades with accurate balance, Positioning. C. Hollerith. 1,898,629; Feb. 21.
- Fan construction. L. Schwitzer. 1,935,921; Nov. 21.
- Fan, Electric. B. Elshoff. 1,908,287; May 9.
- Fan, Electric. A. C. Gilbert. 1,938,380; Dec. 5.
- Fan, Electric. J. W. Gosling. Des. 89,076; Jan. 24.
- Fan, Electric. E. P. Larsh. 1,896,869; Feb. 7.
- Fan, Electric. E. P. Larsh. 1,939,399; Dec. 12.
- Fan, Electric. W. V. Matthews. Des. 90,583; Aug. 29.
- Fan, Electric ventilating. E. S. Preston. 1,917,327; July 11.
- Fan for electric motor operated tools, Cooling. E. P. Sacrey. 1,911,471; May 30.
- Fan injector. E. L. Anderson. 1,922,070; Aug. 15.
- Fan, Line-flow. E. L. Anderson. 1,920,952; Aug. 8.
- Fan mounting bracket, Theftproof. H. F. Peters. 1,930,181; Oct. 10.
- Fan, Oscillating electric. B. A. Benson. 1,916,599; July 4.
- Fan, Portable. A. P. C. Schramm. 1,936,311; Nov. 21.
- Fan, Power-driven. J. C. Reisinger. 1,895,488; Jan. 31.
- Fan rotors, Apparatus and process for making. R. I. Graf. 1,913,591; June 13.
- Fan structure. A. S. Howell. 1,897,947; Feb. 14.
- Fan, Temperature controlled furnace. S. E. Peters. 1,919,743; July 25.
- Fan, Universal-action electric. G. F. Albers. 1,939,481; Dec. 12.
- Fan, Ventilating. E. B. Freeman. 1,930,794; Oct. 17.
- Fan, Ventilating. W. A. Lenz. 1,941,037; Dec. 26.
- Fan wheel. M. Weber. 1,933,948; Nov. 7.
- Fan wheel for automobiles. M. Weber. 1,933,949; Nov. 7.
- Fare box. S. J. Bell. 1,932,614; Oct. 31.
- Fare box. E. H. Thompson. 1,894,071; Jan. 10.
- Fare box. E. H. Thompson. 1,896,649; Feb. 7.
- Fare collection apparatus. E. H. Thompson. 1,917,615; July 11.
- Fare indicators, Control means for. E. Rosenberg. 1,892,905; Jan. 3.
- Farm implement. L. Hotto. 1,941,306; Dec. 26.
- Fast-moving objects, Simulation of. F. A. Gritt. 1,905,168; Apr. 25.
- Fastener: See—
- Bag fastener. Hasp fastener.
- Bag frame fastener. Hood fastener.
- Baggage fastener. Hose supporter fastener.
- Bandage fastener. Inside panel fastener.
- Barrel-head fastener. Joint fastener.
- Bed rail fastener. Key fastener.
- Belt fastener. Lace fastener.
- Box fastener. Line fastener.
- Burial vault fastener. Loose leaf fastener.
- Car door fastener. Metal fastener.
- Carpet, rug, and runner fastener. Necktie fastener.
- Chain fastener. Ornament fastener.
- Closure fastener. Paper fastener.
- Collar fastener. Pin fastener.
- Corner fastener. Plane covering fastener.
- Cover fastener. Rail fastener.
- Curtain fastener. Safety removable fastener.
- Detachable fastener. Sash fastener.
- Door fastener. Separable fastener.
- Fence wire fastener. Shoe fastener.
- Flanged corrugated fastener. Shoe lace fastener.
- Flexible slide fastener. Ski fastener.
- Garter fastener. Slide fastener.
- Grate bar fastener. Snap fastener.
- Guard rail fastener. Tire chain fastener.
- Handbag fastener. Window fastener.
- Wire fastener.
- Fastener. C. V. Brady and W. Case. 1,897,998; Feb. 21.
- Fastener. D. A. Brennan. Re18,770; Mar. 21.
- Fastener. T. F. Coins. 1,939,541; Dec. 12.
- Fastener. H. C. Heinlen and L. E. Nestel. 1,928,586; Sept. 26.
- Fastener. I. Jacobs. 1,905,718; Apr. 25.
- Fastener. A. E. Jannopoulos. 1,903,000; Mar. 28.
- Fastener. R. G. Marshall. 1,914,378; June 20.
- Fastener. P. E. Morrill and C. V. Brady. 1,920,518; Aug. 1.
- Fastener. W. E. Oster. 1,925,816; Sept. 5.
- Fastener. B. C. Place. 1,896,590; Feb. 7.
- Fastener. G. E. Prentice. 1,893,036; Jan. 3.
- Fastener. G. E. Prentice. 1,918,779; July 18.
- Fastener. A. Reekers. 1,924,165; Aug. 29.
- Fastener. H. Rosenberg. 1,912,099; May 30.
- Fastener. H. Rosenberg. 1,912,222; May 30.
- Fastener. R. V. White. 1,930,603; Oct. 17.
- Fastener. R. Wittenberg. 1,927,480; Sept. 19.
- Fastener and attaching means for the same, Separable. L. N. Hayden. 1,910,951; May 23.
- Fastener and concealing means therefor, Slide. S. Lacher. 1,893,420; Jan. 3.
- Fastener construction, Slide. J. and F. S. Schade. 1,898,216; Feb. 21.
- Fastener for articles to be laundered, Detachable snap. L. B. Chapman. 1,904,122; Apr. 18.
- Fastener for curtain tie-backs, etc. H. M. Steiner. 1,930,430; Oct. 10.
- Fastener for envelopes, Metallic. W. E. Swift. 1,933,035; Oct. 31.
- Fastener for fire brick and the like. W. J. Gravert. 1,922,945; Aug. 15.
- Fastener for flooring. S. J. Wolfson. 1,925,163; Sept. 5.
- Fastener for hand-bags. C. Filler. 1,905,117; Apr. 25.
- Fastener for license plates. C. F. Van Blangensteyn. 1,938,878; Dec. 12.
- Fastener for receptacles, Closure. D. M. Wenger. 1,892,743; Jan. 3.
- Fastener for shoe bags. F. C. Flint. 1,897,306; Feb. 14.
- Fastener for soft collars and other articles. H. E. Dyer. 1,908,229; May 9.
- Fastener for wall brackets, Concealed. E. A. Smith. 1,915,479; June 27.
- Fastener for wall brackets, Concealed. E. A. Smith. 1,940,888; Dec. 26.
- Fastener for windows and doors, Safety closure. R. H. Hummert and G. E. Gravenstein. 1,933,626; Nov. 7.
- Fastener for wrist watch straps. E. C. Hildebrand. 1,904,230; Apr. 18.
- Fastener inserting machine. S. L. Gookin. 1,904,306; Apr. 18.
- Fastener installation. R. M. Prez. 1,917,853; July 11.
- Fastener installation, Separable. M. F. Carr. 1,923,538; Sept. 26.
- Fastener installation, Snap. A. W. Kimbell. 1,919,951; July 25.
- Fastener separating mechanism. B. Jorgensen. 1,931,611; Oct. 24.
- Fastener setting device. C. L. Hall. 1,919,941; July 25.
- Fastener setting machine. W. J. De Witt. 1,924,982; Aug. 29.
- Fastener setting machine. D. I. Reiter. 1,898,019; Feb. 21.
- Fastener, Slide. G. Johnson. 1,919,946; July 25.
- Fastener sliders, Forming separable. R. J. Poux. 1,901,189; Mar. 14.
- Fastener supplying apparatus. S. L. Gookin. 1,900,055; Mar. 7.
- Fastener supplying mechanism. P. R. Glass. 1,897,046; Feb. 14.
- Fastener unit. G. E. Prentice. 1,899,479; Feb. 28.
- Fasteners, Manipulating multiple. J. E. Perrault. Re18,793; Apr. 11.
- Fasteners, Method of and apparatus for inserting. E. S. Nokes. 1,932,420; Oct. 31.
- Fastening. C. V. Brady. 1,935,612; Nov. 21.
- Fastening. H. A. Widmer. 1,905,199; Apr. 25.
- Fastening and manufacturing the same, Metal. E. Berlinger and J. M. Gahagan. 1,911,421; May 30.
- Fastening apparatus which tautens, fastens, and cuts the wire in one sole operation, Automatic. M. Bustinduy and J. A. Bergareche. 1,929,347; Oct. 3.
- Fastening attachment for paper bags. T. M. Royal. 1,903,839; Apr. 18.
- Fastening device. F. B. Adam. 1,915,509; June 27.
- Fastening device. W. H. Castner. 1,927,389; Sept. 19.
- Fastening device. C. F. Finch. 1,909,941; May 23.
- Fastening device. W. H. J. Fitzgerald. 1,911,820; May 30.
- Fastening device. E. Goebel. 1,923,262; Aug. 22.
- Fastening device. J. J. Hafer, sr. 1,905,587; Apr. 25.
- Fastening device. J. L. Jones. 1,934,353; Nov. 7.
- Fastening device. G. C. Kauffman and E. J. Gallagher. 3d. 1,916,225; July 4.
- Fastening device. H. Kluger. 1,937,704; Dec. 5.
- Fastening device. W. F. Loughman. 1,895,672; Jan. 31.
- Fastening device. M. Mayer. 1,915,610; June 27.
- Fastening device. S. Paul. 1,913,408; June 13.
- Fastening device. G. F. Shearman. 1,918,936; July 18.
- Fastening device. H. E. Sipe. 1,929,083; Oct. 3.
- Fastening device. A. H. Tinnerman. 1,928,468; Sept. 26.
- Fastening device. A. H. Trotter. 1,926,217; Sept. 12.
- Fastening device. W. U. Watson and J. A. Le Bouthillier. 1,930,783; Oct. 17.
- Fastening device for a window. A. Yudes. 1,911,783; May 30.
- Fastening device for auto license tags or the like. G. R. Cruze. 1,894,552; Jan. 17.

- Fastening device for inherently resilient articles. R. G. Meader. 1,900,574; Mar. 7.
- Fastening device for jewels and other ornaments. A. Vidal. 1,911,935; May 30.
- Fastening device for outboard-motors. A. Lesage. 1,928,626; Oct. 3.
- Fastening device for sheet metal structures. G. R. Cruze. 1,893,537; Jan. 10.
- Fastening element. A. Bradley. 1,906,527; May 2.
- Fastening for overlapping roofing plates. M. Wagner. 1,909,559; May 16.
- Fastening-inserting machine. J. W. Ashley. 1,939,648; Dec. 19.
- Fastening-inserting machine. B. B. Blanchard. 1,938,575; Dec. 12.
- Fastening inserting machine. C. F. R. Jeavons. 1,904,313; Apr. 18.
- Fastening inserting machine. A. S. Johnson. 1,904,314; Apr. 18.
- Fastening inserting machine. F. N. La Chapelle. 1,920,990; Aug. 8.
- Fastening inserting machine. L. S. MacDonald. 1,931,615; Oct. 24.
- Fastening inserting machine. F. L. MacKenzie. 1,909,369; May 16.
- Fastening inserting machine. E. R. Pope. 1,921,097; Aug. 8.
- Fastening inserting mechanism. G. Goddu. 1,895,457; Jan. 31.
- Fastening knob for use in handbag frames and making the same. G. Johnson. 1,934,071; Nov. 7.
- Fastening machine. V. A. Svensson. 1,897,625; Feb. 14.
- Fastening machine and wire mounting therefor. V. A. Svensson. 1,934,104; Nov. 7.
- Fastening means. M. L. Heller. 1,911,824; May 30.
- Fastening means for bit brace chucks. H. J. Cook. 1,915,245; June 20.
- Fastening means for securing the ends of a length of material to a reel. G. E. Clark. 1,901,949; Mar. 21.
- Fastening member and installation thereof, Separable. M. F. Carr. 1,906,445; May 2.
- Fastening, Metal wall tile. A. W. Nelson. 1,917,388; July 11.
- Fastening-pulling machine. F. L. Mackenzie. 1,905,297; Apr. 25.
- Fastening-pulling machine. F. L. MacKenzie. 1,940,761; Dec. 26.
- Fastening, Socket. A. H. Nero. 1,925,966; Sept. 5.
- Fastening strip. A. H. Tinnerman. 1,928,469; Sept. 26.
- Fastening strip for trim material. A. J. Smith. 1,938,871; Dec. 12.
- Fastening supplying mechanism. J. C. Jorgensen. 1,933,594; Nov. 7.
- Fastening the end of a coiled member to a supporting structure, Device for. J. T. Griffin, J. P. Deane, and J. G. Cureton. 1,904,863; Apr. 18.
- Fastenings, Mechanism for supplying. B. Jorgensen. 1,920,260; Aug. 1.
- Fat-soluble-vitamin-concentrates, Preparing. H. A. Holaday and A. Black. 1,919,369; July 25.
- Fats and the like, Mechanism for the continuous production of slabs of edible. E. Schulze. 1,938,043; Dec. 5.
- Fats and waxes, Purifying and mixing. R. Bendlin and O. Urbasch. 1,927,385; Sept. 19.
- Fats, oils, and fatty acids, and substances containing fatty material having a tendency to become rancid, Inhibiting oxidation of unsaturated. G. R. Greenbank. 1,898,363; Feb. 21.
- Fatty acids, Production of. C. Beck and H. Diekmann. 1,920,344; Aug. 1.
- Fatty constituents from oleaginous materials, Separating. B. Rewald. 1,903,397; Apr. 4.
- Fatty foodstuffs, Material for applying water soluble colors to. C. H. Jones and W. H. Kretlow. 1,919,025; July 18.
- Fatty materials, Distilling and purifying. D. S. Belden. 1,909,605; May 16.
- Fatigue testing machine. D. C. Scott. 1,906,340; May 2.
- Faucet. J. Balton. Des. 90,353; July 25.
- Faucet. M. C. Bersted. 1,916,553; July 4.
- Faucet. H. D. Binks. Des. 90,305; July 18.
- Faucet. W. C. Buttner. 1,930,461; Oct. 17.
- Faucet. M. Esmard. 1,896,944; Feb. 7.
- Faucet. M. J. Grass. 1,913,381; June 13.
- Faucet. L. Piro. 1,935,815; Nov. 21.
- Faucet. F. J. Polcer. Des. 90,679; Sept. 12.
- Faucet. L. G. Schimmel. 1,909,725; May 16.
- Faucet. J. M. Travis. 1,901,479; Mar. 14.
- Faucet, Beer separator and dispensing. A. Gordon. 1,917,582; July 11.
- Faucet, Beverage. C. J. Muend. Des. 90,448-9; Aug. 8.
- Faucet connector. C. A. Schacht. 1,894,711; Jan. 17.
- Faucet connection, Rubber. J. E. Conklin. 1,939,204; Dec. 12.
- Faucet construction. C. H. Draper, H. W. Lee, and W. C. Grosser. 1,924,057; Aug. 22.
- Faucet, Dispensing. D. H. Reeves. 1,923,585; Aug. 22.
- Faucet, Dispensing. F. G. Slagel. Des. 90,633; Sept. 5.
- Faucet, Mixing. J. F. Dawson. 1,894,903; Jan. 17.
- Faucet packing washer. W. C. Wood. 1,928,276; Sept. 26.
- Faucet, Portable. P. D. Hartog. 1,894,741; Jan. 17.
- Faucet structure. P. V. Florido. 1,903,757; Apr. 18.
- Faucet, Water. S. Kernsten. 1,921,827; Aug. 8.
- Faucet, Water. S. Kersten. 1,924,942-3; Aug. 29.
- Fault responsive apparatus. M. E. Bivens. 1,931,127; Oct. 17.
- Fault responsive apparatus. A. S. Fitz Gerald. Re19,034; Dec. 26.
- Fault responsive apparatus for electric systems. J. Falow. 1,935,439; Nov. 14.
- Feed and discharge mechanism. W. G. Conn. 1,935,614; Nov. 21.
- Feed-back elimination in alternating current tube sets. L. L. Jones. 1,907,248; May 2.
- Feed box. V. C. Getz. 1,914,249; June 13.
- Feed-change mechanism for lathes. W. F. Groene. 1,918,332; July 18.
- Feed clutch. T. C. Mladinich. 1,921,994; Aug. 8.
- Feed collet. G. Laughlin. 1,937,236; Nov. 28.
- Feed collet. I. H. Sheffer. 1,908,000; May 9.
- Feed control for carbide generators, Automatic. L. M. Wise. 1,903,726; Apr. 11.
- Feed control for liquids, Automatic. S. E. White. 1,936,778; Nov. 28.
- Feed controlling mechanism for punch presses and the like, Automatic. G. H. Leland. 1,916,845; July 4.
- Feed device for threshing machines, Automatic. F. Schlayer. 1,913,172; June 6.
- Feed for hook fasteners, Automatic. L. Roseman. 1,924,569; Aug. 29.
- Feed for planers, Electrical. J. C. and R. D. Shaw. 1,918,990; July 18.
- Feed for poultry and hogs, Apparatus for sprouting and growing green. W. O. Jones. 1,909,408; May 16.
- Feed for sugar cube dispensers. H. J. Thompson and A. F. Sulak. 1,896,208; Feb. 7.
- Feed lubricating system, Force. F. W. Groves. 1,929,872; Oct. 10.
- Feed mechanism. J. M. Brasington. 1,918,449; July 18.
- Feed mechanism. D. E. Keech and J. N. Adams. 1,939,985; Dec. 19.
- Feed mechanism for attaching machines. F. E. Warner. 1,913,648; June 13.
- Feed mechanism for automatic machine tools. H. W. Ruppel. 1,941,228; Dec. 26.
- Feed mechanism for earth boring apparatus. J. E. C. Currens. 1,928,048; Sept. 26.
- Feed mechanism for grinding machines. A. A. Kottman. 1,919,790; July 25.
- Feed mechanism for high speed machines, Hydraulically operated. R. E. Flanders. 1,931,652; Oct. 24.
- Feed mechanism for machine-guns, Reversible. F. K. Howard. 1,920,984; Aug. 8.
- Feed mechanism for machine-guns, Reversible. F. T. Moore. 1,936,254; Nov. 21.
- Feed mechanism for machine tools. W. Ferris. 1,929,185; Oct. 3.
- Feed mechanism for machine tools. C. Knowles. 1,923,786; Aug. 22.
- Feed mechanism for machine tools. G. D. Sundstrand. 1,931,171; Oct. 17.
- Feed mechanism for machine tools, Self adjusting. A. Happel. 1,928,489; Sept. 26.
- Feed mechanism for spring inserting machines. B. R. Schneider and K. Kaiser. 1,915,264; June 20.
- Feed mechanism for swaging machines. E. L. Stowe. 1,894,800; Jan. 17.
- Feed mechanism for typewriter carriages, Variable. F. H. Trego. 1,918,299; July 18.
- Feed mill. M. D. Bowerman. 1,916,190; July 4.
- Feed mill. R. Stresau. 1,928,141; Sept. 26.
- Feed, Mineral. P. Caldwell. 1,902,832; Mar. 28.
- Feed mixer. B. Bouda. 1,941,244; Dec. 26.
- Feed mixer. I. Edland. Re18,768; Mar. 14.
- Feed mixer. F. J. Reider and O. J. Kaetzel. 1,914,459; June 20.
- Feed regulator for stripping machines. E. M. Brackett and D. Daneke. 1,932,506; Oct. 31.
- Feed supply system for coal bins. D. Van Law. 1,912,742; June 6.
- Feed system, Convertible type. H. Ernest. 1,897,032; Feb. 14.
- Feed system for machine tools, Hydraulic. E. J. Hirvonen. 1,905,094; Apr. 25.
- Feed tripping mechanism for drilling machines. W. M. Fairbairn and F. M. Hanna. 1,929,814; Oct. 10.
- Feed water control, Automatic. J. C. Burford. 1,915,013; June 20.
- Feed-water delivery and blow-down for boilers, Method and apparatus for controlling. R. R. Donaldson, Jr., and E. W. Butzler. 1,913,195; June 6.
- Feed water heater. G. D. Dodd. 1,894,760; Jan. 17.
- Feed water heater. J. F. Griffin. 1,913,879; June 13.
- Feed water heater. J. A. Le Cain. 1,932,111; Oct. 24.
- Feed water heater. T. C. McBride. 1,932,114; Oct. 24.
- Feed water regulator. C. H. Smoot. 1,904,553-4; Apr. 18.
- Feed water regulator. V. V. Veenschoten. 1,940,827-9; Dec. 26.
- Feed water temperature compensator. J. C. Albright and R. D. Junkins. 1,918,512; July 18.
- Feeder: See—
- Adjustable feeder.
 - Animal feeder.
 - Battery plate feeder.
 - Can feeder.
 - Chicken feeder.
 - Coal feeder.
 - Distributing feeder.
 - Glass feeder.
 - Hog feeder.
 - Leer feeder.
 - Liquid feeder.
 - Nail strip feeder.
 - Poultry feeder.
 - Sheet feeder.
 - Shuffle feeder.
 - Stock feeder.
 - Tile feeder.

- Feeder. F. H. Ahlman. 1,909,244; May 16.
 Feeder. M. Frisch. 1,896,354; Feb. 7.
 Feeder. G. B. Read. 1,907,443; May 9.
 Feeder and fountain. Poultry. G. D. Flanders. 1,907,349; May 2.
 Feeder and waterer. A. F. Bendel. 1,903,742; Apr. 11.
 Feeder, Chicken. W. B. McCray. 1,899,818; Feb. 28.
 Feeder for abrasives. J. Soderberg. 1,928,036; Sept. 26.
 Feeder for blank sheets. S. J. Campbell. 1,940,487; Dec. 19.
 Feeder for can filling apparatus. H. W. Norgaard. 1,925,273; Sept. 5.
 Feeder for forging machines, Blank. C. L. West. 1,898,279; Feb. 21.
 Feeder for harvesters, Pick-up. N. D. Parks. 1,897,491; Feb. 14.
 Feeder for ingot molds. B. H. Howard. 1,900,816; Mar. 7.
 Feeder for little pigs. H. W. Ahrens. 1,895,435; Jan. 31.
 Feeder for portable tools. E. Seger. 1,921,485; Aug. 8.
 Feeder for printing presses. T. J. Williams. 1,908,094; May 9.
 Feeder for slicers, Article. E. A. Reussenzehn. 1,939,083; Dec. 12.
 Feeder table. E. H. Waugh. 1,909,643; May 16.
 Feeding apparatus. E. J. Hulland and N. A. Vorce. 1,934,980; Nov. 14.
 Feeding apparatus for mill rolls. W. Stein. 1,896,724; Feb. 7.
 Feeding apparatus for plastic mixtures. C. Batcheller. 1,929,301; Oct. 3.
 Feeding articles to and withdrawing them from a press. G. H. Ellis. 1,908,699; May 16.
 Feeding device. T. G. McGirr. 1,921,764; Aug. 8.
 Feeding device. C. L. Post. 1,903,361; Apr. 4.
 Feeding device for bar sizing machines, Automatic. L. N. Kersey. 1,921,527; Aug. 8.
 Feeding device for electric weld rods or wire. A. F. Krumholz. 1,898,014; Feb. 21.
 Feeding device for finely divided material. H. S. Hunt and P. L. Arnold. 1,939,703; Dec. 19.
 Feeding device for live stock. E. Wilkinson. 1,937,748; Dec. 19.
 Feeding device for pilger rolling mills. H. Fritsch. 1,936,475; Nov. 21.
 Feeding device for solid substances. L. M. and G. M. Booth. 1,907,721; May 9.
 Feeding machine for printing presses. M. G. Rosenthal. 1,908,921; May 16.
 Feeding means for weaving machines. R. Rossmann. 1,923,954; Aug. 22.
 Feeding mechanism. M. O. Jones and W. P. Shomaker. 1,894,044; Jan. 10.
 Feeding mechanism. G. F. Matteson. 1,898,979; Feb. 21.
 Feeding mechanism. C. L. Post. 1,906,333; May 2.
 Feeding mechanism, Continuous. G. Pieretti. 1,898,851; Feb. 21.
 Feeding mechanism for extrusion machines. S. C. Bond. 1,936,285; Nov. 21.
 Feeding mechanism for flat-bed machines. F. F. Zeier. 1,929,299; Oct. 3.
 Feeding mechanism for fruit paring machines. J. W. Pease. 1,922,745; Aug. 15.
 Feeding mechanism for machine tools. L. A. Dumser. 1,940,404; Dec. 19.
 Feeding mechanism for machine tools. W. F. Fraser. 1,920,979; Aug. 8.
 Feeding mechanism for machine tools. W. H. Wood. 1,920,228; Aug. 1.
 Feeding mechanism for photographic strips. W. L. Helms. 1,902,281; Mar. 21.
 Feeding mechanism for roughage grinders, ensilage cutters, and the like. F. J. Bullock. 1,940,531; Dec. 19.
 Feeding mechanism for screw threading machines. S. W. Mathias. 1,912,340; May 30.
 Feeding mechanism for slicing machines. W. A. Van Berkel. 1,939,741; Dec. 19.
 Feeding mechanism, Paper. I. C. Klepper. 1,919,226; July 25.
 Feeding pressure control for earth-boring apparatus. E. Smith. 1,926,119; Sept. 12.
 Feeds, Sterilization of radon. L. D. Kipe. 1,921,084; Aug. 8.
 Felt and felt material, Ornamented. F. R. Stirn. 1,941,281; Dec. 26.
 Felt and its manufacture, Channel. H. D. Rice. 1,908,643; May 9.
 Felt drier. W. P. Feeney. 1,898,041; Feb. 21.
 Felt paper pulp, Making. M. Skolnik. 1,924,815; Aug. 29.
 Felt rubber roller. T. Fujii. 1,903,038; Mar. 28.
 Felt washer for paper machines, Automatic. J. D. Kaster. 1,898,545; Feb. 21.
 Felted fabric. C. A. Fourness. 1,941,255; Dec. 26.
 Fence. W. C. Gay. 1,907,257; May 2.
 Fence and gate. Z. B. Burge. Des. 89,254; Feb. 14.
 Fence construction. F. G. Carrel. 1,924,834; Aug. 29.
 Fence construction. F. C. Lindh. 1,918,607; July 18.
 Fence construction, Highway guard. A. Johnson. 1,895,262; Jan. 24.
 Fence fabric, Method and machine for making. M. T. Whiting. 1,932,762; Oct. 31.
 Fence, Guard. A. K. Pershon. 1,931,904; Oct. 24.
 Fence post. J. R. Free. 1,895,186; Jan. 24.
 Fence post. E. Johnson. 1,915,535; June 27.
 Fence post. A. H. Langenheim. 1,895,670; Jan. 31.
 Fence post. N. A. Ochiltree. 1,894,783; Jan. 17.
 Fence post. P. C. Rasmussen. 1,911,087; May 23.
 Fence post brace. R. J. Langer. 1,895,165; Jan. 24.
 Fence post construction. C. S. Brown. 1,912,689; June 6.
 Fence post puller. F. G. Carrel. 1,916,463; July 4.
 Fence, Snow. G. L. Barrus. 1,906,442; May 2.
 Fence wire fastener. E. W. Shively. 1,895,839; Jan. 31.
 Fences, Making expanded metal. C. M. MacChesney. 1,902,966; Mar. 28.
 Fenchone, Preparation of. L. T. Smith. 1,933,939; Nov. 7.
 Fencing tool. R. M. Shepherd. 1,929,567; Oct. 10.
 Fender. J. B. Menton. 1,914,669; June 20.
 Fender and body straightening tool. G. B. Buck. 1,893,196; Jan. 3.
 Fender and body straightening tool. G. B. Buck. 1,927,304; Sept. 19.
 Fender and head lamp casing, Combined. J. R. Hughes. Des. 89,702; Apr. 25.
 Fender and headlamp casing for vehicles, Combined. J. R. Hughes. Des. 89,426; Mar. 7.
 Fender and running board, Combined automobile front. McC. Barclay. Des. 90,521; Aug. 22.
 Fender apron. J. H. Cohen. Des. 89,680; Apr. 25.
 Fender, Cultivator. D. G. Williams. 1,897,158; Feb. 14.
 Fender for house car doors, Track. C. E. Eklind and K. J. Tobin. 1,915,155; June 20.
 Fender, head lamp casing, and combined parking lamp and horn casing, Combined. J. R. Hughes. Des. 89,428; Mar. 7.
 Fender, head lamp casing, and parking lamp casing, Combined. J. R. Hughes. Des. 89,431; Mar. 7.
 Fender, head lamp casing, parking lamp, and horn casing, Combined. J. R. Hughes. Des. 89,429; Mar. 7.
 Fender, head lamp casing, parking lamp casing, and horn casing, Combined. J. R. Hughes. Des. 89,427; Mar. 7.
 Fender, head lamp casing, parking lamp casing, and horn casing, Combined. J. R. Hughes. Des. 89,703; Apr. 25.
 Fender, head lamp casing, parking lamp casing, and horn casing, Combined. J. R. Hughes. Des. 90,430; Mar. 7.
 Fender, head lamp, parking lamp, and horn casing, Combined. J. R. Hughes. Des. 89,699-701; Apr. 25.
 Fender lamp. C. A. Michel and H. Schwarze. 1,927,319; Sept. 19.
 Fender straightening tool. V. L. Cameron. 1,911,674; May 30.
 Fender tool. H. A. Kuhn. 1,909,284; May 16.
 Fender tool. E. G. Peterson. 1,897,142; Feb. 14.
 Fender well cradle for supporting tires. B. M. Short. 1,933,393; Oct. 31.
 Fenderwell lock. C. M. Ellenberger. 1,907,524-5; May 9.
 Fenderwell lock. C. M. Ellenberger. 1,934,848; Nov. 14.
 Fender well-tire carrier. E. P. Gundry. 1,929,779; Oct. 10.
 Fenders, Stamping front one-piece automobile. M. H. Matheson. 1,898,883; Feb. 21.
 Fermentation, Accelerating propionic. J. M. Sherman. 1,937,672; Dec. 5.
 Fermentation process. A. W. Schorger. 1,911,399; May 30.
 Fermentation process, Biochemical. S. Bakonyi. 1,908,945; May 16.
 Fermentation, Process of. J. N. Currie and A. Finlay. 1,908,225; May 9.
 Fermentation, Promotion of. E. W. Herr. 1,917,521; July 11.
 Fermentations and similar biochemical reactions by means of bacteria, Carrying out. S. Bakonyi. 1,920,736; Aug. 1.
 Ferric oxide and the recovery of sulphur, Production of. R. F. Bacon and H. T. Hotchkiss, jr. 1,917,684; July 11.
 Ferric sulphate, Making. H. S. Marsh and C. W. Weesner. 1,917,945; July 11.
 Ferricyanides, Manufacturing. W. Klempt. 1,908,516; May 9.
 Ferris wheel. W. E. Haskell. 1,935,558; Nov. 14.
 Ferrochrome, Producing. K. M. Simpson. 1,893,109; Jan. 3.
 Ferrophosphorus, Conversion of. N. C. Lindberg and B. Toubes. 1,926,747; Sept. 12.
 Ferro-phosphorus into phosphates, Converting. H. Adler. 1,909,996; May 23.
 Ferrous article, Nitrided. A. W. Morris. 1,929,252; Oct. 3.
 Ferrous sheets and plates, Treating. R. E. Zimmerman. 1,933,519; Oct. 31.
 Ferruginous materials into spongy agglomerates, Continuous conversion of. A. Folliet and N. Sainderichin. 1,924,034; Aug. 22.
 Ferrule, Brush. D. J. Foss. 1,915,057; June 20.
 Ferrule, Fish rod. M. Bullough. 1,893,396; Jan. 3.
 Ferrule for cable ends and forming same. W. H. Nourse. 1,920,927; Aug. 1.
 Ferrule for electric welding. G. A. Lutz. 1,913,714; June 13.
 Ferrule for furnace tubes. T. B. Fisher. 1,927,163; Sept. 19.
 Ferrule for implement handles. S. N. Tevander. 1,911,406; May 30.
 Ferrule, Lead pipe. J. Collins. 1,932,882; Oct. 31.
 Fertilizer. C. B. Dickey. 1,922,909; Aug. 15.
 Fertilizer. C. Peter. 1,931,296; Oct. 17.

- Fertilizer and making same. A. B. Pickett. 1,894,496; Jan. 17.
- Fertilizer and making same, Based ammonium sulphate. J. W. and J. H. Dean. 1,918,454; July 18.
- Fertilizer and making same, Basic phosphate. J. W. and J. H. Dean. 1,918,900; July 18.
- Fertilizer and producing same, Nitrogenous. J. L. Walton. 1,922,562; Aug. 15.
- Fertilizer attachment. L. H. Kaupke. 1,908,255; May 9.
- Fertilizer attachment for planters. G. M. Kriegbaum, F. F. Brooks, and C. C. Haas. 1,921,885; Aug. 8.
- Fertilizer composition, Producing a. A. Hill. 1,939,850; Dec. 19.
- Fertilizer compounds, Treatment of. B. Ober and E. H. Wight. 1,916,114; June 27.
- Fertilizer discharging unit. G. M. Kriegbaum and C. C. Haas. 1,921,886; Aug. 8.
- Fertilizer distributor. C. Johnson. 1,912,145; May 30.
- Fertilizer distributor. T. R. Miller. 1,931,670; Oct. 24.
- Fertilizer distributor. B. W. Segars. 1,894,008; Jan. 10.
- Fertilizer distributor, Hand. C. Woolsey. 1,894,364; Jan. 17.
- Fertilizer in conjunction with seed planting, Distributing. R. C. Zuckerman. 1,893,512; Jan. 10.
- Fertilizer, Making. M. Ward. 1,941,371; Dec. 26.
- Fertilizer, Making a. J. N. Carothers. 1,913,791; June 13.
- Fertilizer manufacture. H. C. Moore. 1,931,768; Oct. 24.
- Fertilizer manufacture. C. Tyler and F. W. Parker. 1,894,136; Jan. 10.
- Fertilizer, Manufacture of. H. L. Hartenstein. 1,894,587; Jan. 17.
- Fertilizer, Manufacture of. H. L. Hartenstein. 1,934,707; Nov. 14.
- Fertilizer material and preparing the same. G. Singleton and R. P. Thornton. 1,918,233; July 11.
- Fertilizer, Mixed. L. Hecht. 1,931,819; Oct. 24.
- Fertilizer, Preparing. S. J. Smith. 1,930,542; Oct. 17.
- Fertilizer salt and making the same, Ammonium nitrate-sulphite. H. Klippel and E. Jaenecke. 1,916,841; July 4.
- Fertilizer salts, Production of. E. Jaenecke. 1,909,829; May 10.
- Fertilizer salts, Production of. E. Jaenecke and F. Mueller. 1,898,971; Feb. 21.
- Fertilizer, seed, or other like material, Device for distributing. H. M. Johnston. 1,929,386; Oct. 3.
- Fertilizer spreader. E. L. Masters. 1,925,809; Sept. 5.
- Fertilizer tool. H. M. Jalandoni. 1,911,692; May 30.
- Fertilizer, Tree. G. C. Karshner. 1,893,707; Jan. 10.
- Fertilizers by alkaline digestion of cellulosic materials, Manufacture of. H. R. Murdock. 1,933,445; Oct. 31.
- Fertilizers, Manufacture of. H. Oehme and E. Hermuth. 1,930,883; Oct. 17.
- Fertilizers, Manufacture of. D. Shields. 1,912,227; May 30.
- Fertilizers, Manufacture of mixed. E. Jaenecke and F. Frowein. 1,916,617; July 4.
- Fertilizers, Manufacture of phosphatic. C. Leu. 1,910,617; May 23.
- Fertilizers, Producing mixed. M. Larsson. 1,916,429; July 4.
- Fertilizers, Producing mixed. F. G. Liljenroth. 1,902,652; Mar. 21.
- Fertilizers, Producing phosphatic. B. Ober, W. W. Pagon, G. L. Pruett, and W. W. Troxell. 1,893,437; Jan. 3.
- Fertilizers, Production of phosphatic. B. Ober and E. H. Wight. 1,929,710; Oct. 10.
- Fertilizers rich in P_2O_5 , Manufacture of. V. Pfistoupil. 1,925,645; Sept. 5.
- Fertilizers stable for storage and capable of being scattered. W. Bissner. 1,939,165; Dec. 12.
- Fertilizing unit for growing plants in water. W. F. Gericke. 1,915,884; June 27.
- Festooning rack. G. B. Nichols, O. L. Flener, and H. D. Stevens. 1,939,629; Dec. 12.
- Fiber articles, Casting. E. Huff and A. Keiding. 1,899,197; Feb. 28.
- Fiber bearing butt hinge. J. H. Weller. 1,909,990; May 23.
- Fiber board and like article and making the same, Fire-resisting. I. Kitsee. 1,910,469; May 23.
- Fiber board and manufacturing same. R. G. Quinn. 1,939,082; Dec. 12.
- Fiberboard and producing same. J. Edge. 1,927,359; Sept. 19.
- Fiber board, Apparatus for and method of making. E. T. Street. 1,927,378; Sept. 19.
- Fiberboard box. G. C. Babcock. 1,940,288; Dec. 19.
- Fiber board, Composite corrugated and solid. P. F. Boeye. 1,896,037; Jan. 31.
- Fiberboard manufacture and apparatus therefor. F. S. Farley. 1,903,102; Mar. 28.
- Fiber board, Method and machine for making corrugated. A. C. Schroeder. 1,935,214; Nov. 14.
- Fiber board with a salt, Impregnating. A. Winogradow. 1,928,805; Oct. 3.
- Fiber board with solid substances, Impregnating. A. Winogradow. 1,917,176; July 4.
- Fiber, Making felted mineral. E. R. Powell. 1,899,056; Feb. 28.
- Fiber, Preparing vulcanized. E. Becker and K. Letters. 1,935,692; Nov. 21.
- Fiber production. S. D. Wells. 1,894,577; Jan. 17.
- Fiber scutching and deseeding machine. F. P. Gardner. 1,941,206; Dec. 26.
- Fiber sheets and apparatus therefor, Manufacture of. D. M. Sutherland, Jr. 1,920,481; Aug. 1.
- Fiber sheets, Production of vegetable. W. H. Mason. 1,894,777; Jan. 17.
- Fiber-stock refiner. J. A. Wiener. 1,939,747; Dec. 19.
- Fiber storage and preservation. T. B. Munroe and A. C. Lathrop. 1,920,129; July 25.
- Fibers and product obtained thereby, Weighting textile. F. W. Weber. 1,896,858; Feb. 7.
- Fibers, Bleaching. H. Kaufmann. 1,908,481; May 9.
- Fibers to the action of gases, Subjecting. H. John and C. C. Le Febvre. 1,907,548; May 9.
- Fibers, Treating. G. Le Franc. 1,821,363; Aug. 8.
- Fibers, Treating artificial. H. C. Stuhlmann. 1,901,007; Mar. 14.
- Fibers, Treating ramie and allied. C. F. Kenyon. 1,898,877; Feb. 21.
- Fibers, Treating vegetable. R. H. McKee and E. H. Morse. 1,903,828; Apr. 18.
- Fibrous articles, Manufacture of. A. L. Clapp. 1,900,427; Mar. 7.
- Fibrous composition. L. Kirschbraun. 1,926,982; Sept. 12.
- Fibrous composition and making the same. U. S. McMillan. 1,907,080; May 2.
- Fibrous compositions containing filler and binder substances and making them. E. P. Stevenson. 1,901,382; Mar. 14.
- Fibrous mass, Inorganic resilient. B. C. McClure. 1,913,242; June 6.
- Fibrous material, Apparatus for treating. E. Gminder. 1,906,850; May 2.
- Fibrous material, Apparatus for treating. J. N. Selvig. 1,937,794; Dec. 5.
- Fibrous material, Digestion of. H. G. Cram. 1,918,181; July 11.
- Fibrous material impervious to tetra alkyl lead, Rendering. W. S. Calcott and H. V. Bricka. 1,933,704; Nov. 7.
- Fibrous material for incorporation into fabrics, Supplying. J. Morton. 1,895,293; Jan. 24.
- Fibrous material, Method and apparatus for digesting. T. L. Dunbar. 1,932,885; Oct. 31.
- Fibrous material, Method and apparatus for the digestion of. T. L. Dunbar and A. D. Merrill. 1,918,459; July 18.
- Fibrous material, Sizing. P. W. Codwise. 1,937,317; Nov. 28.
- Fibrous material such as cotton during preparation for spinning, Apparatus for supplying. C. Schofield. 1,895,052; Jan. 24.
- Fibrous material, Treating. A. Uhlmann. 1,917,168; July 4.
- Fibrous materials, Continuous process and apparatus for pulping. C. E. Braun and A. H. Lundberg. 1,938,802; Dec. 12.
- Fibrous materials, Dyeing. J. Nuesselein. 1,933,068; Oct. 31.
- Fibrous product. G. J. Manson. 1,894,567; Jan. 17.
- Fibrous product and making same. T. Robinson. 1,927,047; Sept. 19.
- Fibrous products, Preservation of. E. C. Lathrop and F. A. Irvine. 1,935,196; Nov. 14.
- Fibrous products, Waterproofing. G. J. Manson. 1,894,959; Jan. 24.
- Fibrous structure, Multiply. A. O. Mickelson. 1,917,456; July 11.
- Fibrous structures, Making integral felted. R. E. Hall. 1,907,795; May 9.
- Fibrous web for artificial leathers or the like. M. O. Schur. 1,924,573; Aug. 29.
- Field box head. J. F. Townsend. 1,930,988; Oct. 17.
- Field precipitator, Concentrated. A. F. Meston. 1,903,644; Apr. 11.
- Fifth wheel construction. H. W. Helms. 1,920,390; Aug. 1.
- Figure. R. Wilhelm. 1,920,027; July 25.
- Figure and receptacle, Combined. F. J. Abel. Des. 90,183; June 27.
- Figure, Mechanical. J. G. Connor. 1,903,371; Apr. 4.
- Figure toy. F. Anderson. 1,894,144; Jan. 10.
- Figure toy. S. D. Orwitz. Des. 90,044; May 30.
- Figures Actuated. S. B. Allen. 1,919,188; July 25.
- Figures in relief in stone and the like, Apparatus for producing curved edged. M. E. Jones. 1,930,170; Oct. 10.
- Figures or pictures, Transferring printed. K. S. Hempel. 1,931,147; Oct. 17.
- Filament. A. B. Du Mont. 1,924,543; Aug. 29.
- Filament activating means. H. S. Polin. 1,940,184; Dec. 19.
- Filament cleaning, cutting, and forming machine. J. A. Williams. 1,936,559; Nov. 21.
- Filament for heater type vacuum tubes. S. Ruben. 1,926,407; Sept. 12.
- Filament spinning apparatus. H. J. Blum. 1,923,183; Aug. 22.
- Filament spot tester. H. H. Millar and R. Pash. 1,932,633; Oct. 31.
- Filament treating. V. Beplate. 1,920,737; Aug. 1.
- Filament treatment. F. Hoelkeskamp. 1,932,734; Oct. 31.
- Filament treatment. K. Schmidt. 1,902,526; Mar. 21.
- Filament treatment, Apparatus for. T. H. Byron and R. H. Carter. 1,896,609; Feb. 7.

- Filamentary material, Method and apparatus for the manufacture of. E. Hazel. 1,902,953; Mar. 28.
- Filaments, After treatment of. C. Herrmann. 1,921,123; Aug. 8.
- Filaments and product thereof, Making artificial. C. Dreyfus and W. Whitehead. 1,904,209; Apr. 18.
- Filaments and the like of a cellulose ester, Formation of. H. L. Barthelmy. 1,906,041; Apr. 25.
- Filaments, Device for measuring the elongation of. F. Gernert. 1,927,637; Sept. 19.
- Filaments for incandescent lamps, Apparatus for feeding. J. M. van der Poel. 1,929,294; Oct. 3.
- Filaments from viscose solution, Production of artificial. A. Bernstein. 1,910,879; May 23.
- Filaments into staple fibers, Apparatus for cutting. F. C. Hale and W. H. Kimpton. 1,895,246; Jan. 24.
- Filaments, Manufacture of artificial. W. Harrison. 1,930,803; Oct. 17.
- Filaments, Method of and apparatus for mounting. J. Flaws, jr. 1,907,533; May 9.
- Filaments on the conducted supports of electric incandescent lamps, Method and apparatus for mounting. W. Ledig, G. Müller, and W. Breunig. 1,930,316; Oct. 10.
- Filaments or threads, Production of artificial. H. Dreyfus, E. Kinstla, J. Bower, and W. I. Taylor. 1,933,587; Nov. 7.
- Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 1,938,623; Dec. 12.
- Filaments, threads and the like, Manufacture of artificial. R. H. J. Riley. 1,922,715; Aug. 15.
- Filaments, threads and the like, Manufacture of artificial. A. H. Tidmus and F. A. Reeson. 1,922,718; Aug. 15.
- Filaments, threads, bands, and the like from viscose, Manufacture and production of. H. J. Hegan and J. H. Taylor. 1,922,952; Aug. 15.
- Filaments, threads, bands, and the like, Manufacture and production of artificial. H. J. Hegan. 1,915,228; June 20.
- Filaments, threads, etc., Manufacture of. R. Ellsner and H. L. Johnson. 1,922,910; Aug. 15.
- Filaments, Washing of. J. C. Funcke and R. Ellsner. 1,907,101; May 2.
- Filaments, yarns, or threads, Production of artificial. H. Dreyfus, W. A. Dickie, and W. I. Taylor. 1,898,085; Feb. 21.
- Filaments, yarns, or threads, Treatment of. W. I. Taylor. 1,929,192; Oct. 3.
- File. G. Marohn. 1,929,596; Oct. 10.
- File. W. J. White. 1,906,892; May 2.
- File and buffer, Electric finger nail. W. H. Burr. 1,892,867; Jan. 3.
- File and the like, Letter and record. P. E. Besenberg and H. J. Newcombe. 1,910,516; May 23.
- File, Card index. P. O. Unger. 1,916,397; July 4.
- File, Check. M. W. Uecker. 1,912,326; May 30.
- File, Loose-leaf card. J. M. Hurley. 1,930,838; Oct. 17.
- File, Paper. C. E. Attwood and R. C. Finch. 1,936,546; Nov. 21.
- File, Paper. S. R. Harriman. 1,898,533; Feb. 21.
- File, Reference. L. L. Sevebeck. 1,911,852; May 30.
- File sharpening method and apparatus. E. M. Aitken. 1,907,196; May 2.
- File, Storage. S. C. Huffman. 1,893,801; Jan. 10.
- Files and file casings, Apparatus for the production of. A. Peiseler. 1,896,199; Feb. 7.
- Files for stencilizing stencil sheets, Manufacturing. S. Horii. 1,892,984; Jan. 3.
- Filing and index system. L. E. Hutchings. 1,929,095; Oct. 3.
- Filing, Apparatus for teaching. N. E. H. Hubbard. 1,932,935; Oct. 31.
- Filing case. P. F. Grand. 1,934,974; Nov. 14.
- Filing device. J. H. Field. 1,901,365; Mar. 14.
- Filing device. R. Helmer. 1,911,277; May 30.
- Filing device. F. J. Kline. 1,930,648; Oct. 17.
- Filing device. F. J. Kline. 1,935,641; Nov. 21.
- Filing device. L. Loibl. 1,923,445-6; Aug. 22.
- Filing device. J. C. Seyl. 1,937,098; Nov. 28.
- Filing devices, Shifting mechanism for card. S. B. Freiberg. 1,897,931; Feb. 14.
- Filing equipment. C. B. Cooper. 1,928,827; Oct. 3.
- Filing or recording device. Z. Auerbach. 1,900,479; Mar. 7.
- Filing rack. E. B. Adams. 1,924,096; Aug. 29.
- Filing rack. F. M. Martin. 1,894,185; Jan. 10.
- Filing receptacle. G. H. Preddey. 1,901,533; Mar. 14.
- Filing structure. C. B. Ulrich. 1,899,837; Feb. 28.
- Filing system. R. J. Wood. 1,899,430; Feb. 28.
- Filing system and apparatus therefor. C. B. Ulrich. 1,929,762; Oct. 10.
- Filing system and means. V. E. Robinson. 1,925,705; Sept. 5.
- Filing system, Vertical. W. C. Kelsey. 1,917,980; July 11.
- Filiform member within a hollow body, Method and device for winding a. H. R. Loubet. 1,940,175; Dec. 19.
- Film cap lock. S. Wise. 1,915,565; June 27.
- Filler cap. H. E. Fortune. 1,908,593; May 9.
- Filler cap. A. Soucek. 1,937,535; Dec. 5.
- Filler for egg cartons and the like. L. Benoit. 1,919,458; July 25.
- Filler for eggs and the like. J. L. Coyle. 1,925,792; Sept. 5.
- Filler product from sulphate pulp lime mud, Producing a white. O. Kress. 1,894,620; Jan. 17.
- Filler strip for motor vehicles. O. J. Crowe. 1,907,044; May 2.
- Filling and capping machine. C. Barbieri. 1,931,246; Oct. 17.
- Filling and capping machine. F. L. Borchert. 1,913,743; June 18.
- Filling and measuring machine. C. H. Vogt. 1,896,210; Feb. 7.
- Filling apparatus, Counter pressure. J. Krieglmeyer. 1,926,290; Sept. 12.
- Filling box. A. T. Wakefield. 1,933,233; Oct. 31.
- Filling device for oil reservoirs or the like, Automatic. W. J. Madden. 1,922,725; Aug. 15.
- Filling vent for pasty matter. F. Brunner. 1,909,454; May 16.
- Filling head for can filling machines. J. Leonard. 1,940,806; Dec. 26.
- Filling machine. R. B. Bagby. 1,937,803; Dec. 5.
- Filling machine. J. M. Sanders. 1,935,997; Nov. 21.
- Filling, vacuumizing, sterilizing, and sealing machine. D. B. Ronzone. 1,893,716; Jan. 10.
- Filling vent for storage battery cells. J. L. Woodbridge. 1,938,989; Dec. 12.
- Film advancing mechanism, Intermittent. E. Lindgren. 1,936,680; Nov. 28.
- Film and film printing apparatus, Sound record. A. C. Hardy. 1,904,449; Apr. 18.
- Film and making same, Color. G. E. Baxter. 1,939,947; Dec. 19.
- Film and making same, Tinted sound and picture. H. R. Couch. 1,897,838; Feb. 14.
- Film and method, Multicolor. L. T. Troland. 1,928,709; Oct. 3.
- Film and plate holder, Cut. A. Nagel and N. Bouveng. 1,933,823; Nov. 7.
- Film and producing same, Motion picture and sound record bearing. A. S. Howell. 1,915,262; June 20.
- Film and producing same, Sound synchronized animated drawing. M. Fleischer. 1,909,339; May 16.
- Film, antistatic nonhalation motion picture. D. McMaster. 1,908,527; May 9.
- Film apparatus. G. B. Scheibell. 1,900,738; Mar. 7.
- Film backing paper making machine. H. G. Dewey and J. G. Jones. 1,905,446; Apr. 25.
- Film base and coating therefor, Photographic. K. C. D. Hickman. 1,939,171; Dec. 12.
- Film blanks and product, Making hardened. B. S. Tuttle. 1,939,738; Dec. 19.
- Film cartridge, Light tight photographic. J. G. Jones. 1,900,879; Mar. 7.
- Film casting machine. E. J. Barnes. 1,894,845; Jan. 17.
- Film, Cinematographic. A. Oswald. 1,897,275; Feb. 14.
- Film cleaner, Automatic. D. U. Gould, jr. 1,926,981; Sept. 12.
- Film cleaning device. A. S. Howell. 1,927,284; Sept. 19.
- Film cleaning machine. A. S. Dworsky. 1,927,784; Sept. 19.
- Film clip. J. V. Curran. 1,933,659; Nov. 7.
- Film coloring machine. B. Burns and C. E. Fitch. 1,927,886; Sept. 26.
- Film coloring machine and method of coloring film. W. T. Crespinel and C. W. Prynn. 1,922,725; Aug. 15.
- Film control device. A. F. Victor. 1,923,855; Aug. 22.
- Film copying machine, Optical. R. Thun. 1,934,514; Nov. 7.
- Film cut-out. H. E. Butler. 1,915,978; June 27.
- Film cutting and feed control mechanism. L. M. Evans and G. A. Graham. 1,908,014; May 9.
- Film developer and dried. J. W. Ferguson. 1,903,174; Mar. 28.
- Film developing apparatus, Photographic. A. W. Stevens and W. H. Richards. 1,921,012; Aug. 8.
- Film developing machine, Automatic. M. De Francisco and A. T. Kurowski. 1,916,207; July 4.
- Film developing system. J. T. Barkeley. 1,907,315; May 2.
- Film, Device for drying motion picture. E. T. Franzen and A. J. Weiss. 1,923,142; Aug. 22.
- Film-drawing device for cinematographic apparatus. E. S. Deville. 1,906,186; Apr. 25.
- Film drier. L. B. Pambrun. 1,938,400; Dec. 5.
- Film drive mechanism, Photographic. M. C. Gauthier. 1,933,251; Oct. 31.
- Film driving apparatus. C. L. Heisler. 1,920,789; Aug. 1.
- Film driving mechanism. E. W. Kellogg. 1,899,571; Feb. 28.
- Film drying machine. M. E. Long. 1,927,711; Sept. 19.
- Film editing machine. J. J. Kubn and R. V. Terry. 1,921,469; Aug. 8.
- Film editing machine. R. V. Terry. 1,930,913; Oct. 17.
- Film feed for moving picture cameras. J. L. Spence, jr. 1,940,232; Dec. 19.
- Film feeding apparatus. J. C. Conn. 1,927,062; Sept. 19.
- Film feeding device. J. F. Leventhal. 1,935,572; Nov. 14.
- Film feeding device in cinematographic view taking apparatus. A. L. V. C. Deblie. 1,895,026; Jan. 24.
- Film feeding device, Motion picture. O. Wittel. 1,900,876; Mar. 7.
- Film-feeding mechanism for motion-picture projectors. W. H. Nickerson. 1,935,058; Nov. 14.
- Film for photographic purposes. A. G. Adamson. 1,904,113; Apr. 18.

- Film formation on valve metals. E. W. Engle. 1,935,895; Nov. 14.
- Film forming element. H. E. Van Derhoef. Re18,908; Aug. 1.
- Film. Frame-line leader. M. Gottlieb and C. L. Welsh. 1,926,805; Sept. 12.
- Film gate control. L. S. Frappier and E. Boecking. 1,913,380; June 13.
- Film gate for motion picture apparatus. F. Tuttle. 1,917,408; July 11.
- Film gate for motion picture cameras. G. Lowkrantz. 1,906,931; May 2.
- Film gate structure. F. J. Loomis. 1,928,456; Sept. 26.
- Film guide rollers. E. Watts. 1,910,976; May 23.
- Film handling mechanism. W. L. Wright. 1,897,097; Feb. 14.
- Film holder. C. D. Chase. 1,902,278; Mar. 21.
- Film holder. W. D. Foster. 1,932,401; Oct. 31.
- Film holder. W. J. Miller. 1,929,283; Oct. 3.
- Film holder. H. S. Wolf. 1,932,946; Oct. 31.
- Film holder for photographic cameras. O. Steiner. 1,904,097; Apr. 18.
- Film holder, Oscillograph. C. Anderson and R. H. Lewis. 1,911,338; May 30.
- Film, Inspection device for motion-picture. E. T. Franzen and A. J. Weiss. 1,926,521; Sept. 12.
- Film magazine closure. L. S. Frappier and E. Boecking. 1,921,870; Aug. 8.
- Film magazine for motion picture cameras, Replaceable. E. S. Porter. 1,914,214; June 13.
- Film-marking device. J. A. Miller, S. S. A. Watkins, and G. A. G. Simpson. 1,926,879; Sept. 12.
- Film, Metal. L. Rado. 1,906,199; Apr. 25.
- Film, Method and apparatus for developing and drying motion picture. F. B. Thompson. 1,933,127; Oct. 31.
- Film, Motion picture. H. B. Byron. 1,896,836; Feb. 7.
- Film, Motion picture. J. W. Coffman. 1,903,981; Apr. 18.
- Film, Motion picture. G. Lane. 1,940,424; Dec. 19.
- Film movement. G. A. Mitchell. 1,912,535; June 6.
- Film movement mechanism. G. A. Mitchell. 1,930,723; Oct. 17.
- Film, Nonhalation. A. Narath. 1,929,254; Oct. 3.
- Film, Nonhalation motion picture. K. C. D. Hickman. 1,900,877; Mar. 7.
- Film of regenerated cellulose, Method and apparatus for producing a sheet of. C. E. Coleman. 1,910,521; May 23.
- Film or carrier therefor, Light sensitive. W. T. L. Becker and L. W. Oliver. 1,927,356; Sept. 19.
- Film pack. A. Weider. 1,926,469; Sept. 12.
- Film pack, Photographic. T. G. Baxenden and F. J. Shepherd. 1,936,654; Nov. 28.
- Film package. M. R. Kondolf. 1,924,324; Aug. 29.
- Film package. H. J. Nelson. 1,925,565; Sept. 5.
- Film patch. R. C. Mercer. 1,914,726; June 20.
- Film, Photographic. E. E. Jelley. 1,939,213; Dec. 12.
- Film, plate, and the like. W. V. D. Kelley. 1,897,846; Feb. 14.
- Film, Positive photographic. V. B. Sease. 1,905,188; Apr. 25.
- Film pressing device for motion picture apparatus. A. N. Merle. 1,933,066; Oct. 31.
- Film printer, Motion-picture. D. A. Whitson. 1,925,355; Sept. 5.
- Film printing. J. G. Capstaff. 1,917,360; July 11.
- Film printing. C. D. Chase. 1,902,277; Mar. 21.
- Film printing apparatus. F. H. Owens. 1,896,246; Feb. 7.
- Film, Printing copies from a lenticular. G. Heymer. 1,915,418; June 27.
- Film printing machine. A. J. Bradford. 1,931,128; Oct. 17.
- Film printing machine. A. Heine and F. W. Dustmann. 1,901,645; Mar. 14.
- Film, Process and apparatus for developing moving picture. J. R. Malcolm. 1,898,783; Feb. 21.
- Film processing arrangement for motion picture apparatus. A. N. Merle. 1,937,976; Dec. 5.
- Film processing machine and method. C. R. Hunter and R. M. Pierce. 1,896,525; Feb. 7.
- Film processing machine and method. C. C. Smith, C. R. Hunter, and R. M. Pierce. 1,896,526; Feb. 7.
- Film processing machine, Continuous. J. Crabtree. 1,921,404; Aug. 8.
- Film, Producing motion picture. F. Coors, jr. 1,905,442; Apr. 25.
- Film, Production of cinematograph. J. E. Thornton. 1,930,291; Oct. 10.
- Film projector. A. F. Martin. 1,939,561; Dec. 12.
- Film receptacle. C. Bornmann. 1,930,335; Oct. 10.
- Film record. W. G. Cornell. 1,894,021; Jan. 10.
- Film recording apparatus, Sound. W. R. Goehner and W. Herriott. 1,938,694; Dec. 12.
- Film reel for cinematograph apparatus. L. Goldhammer and F. Stiefenhofer. 1,924,093; Aug. 29.
- Film, Reenforcing and protecting motion picture and sound. N. M. Perrins. 1,917,393; July 11.
- Film renovating machine. A. I. Mackler. 1,914,890; June 20.
- Film-roll, Photographic. J. B. Henderson. 1,910,287; May 23.
- Film rolls from the entry of light, Protecting. K. Hipke. 1,897,429; Feb. 14.
- Film scrap, Reclaiming. C. E. Allen. 1,897,878; Feb. 14.
- Film scrap with an alcoholic alkali solution, Reclaiming. W. J. Weyerts and K. C. D. Hickman. 1,921,960; Aug. 8.
- Film scrap with permanganate solutions, Reclamation of. T. F. Murray, Jr., and C. J. Staud. 1,925,564; Sept. 5.
- Film, Sound and picture record. J. G. Capstaff. 1,912,758; June 6.
- Film sound record apparatus. C. W. Hewlett. 1,918,102; July 11.
- Film splicing apparatus. J. C. Conn. 1,927,063; Sept. 19.
- Film splicing machine. E. T. Franzen and A. J. Weiss. 1,934,417; Nov. 7.
- Film splicing machine. E. I. Sponable. 1,896,871; Feb. 7.
- Film spool for roll-film cameras. C. Z. Case. 1,921,560; Aug. 8.
- Film spool for roll-holding cameras. C. Z. Case. 1,921,559; Aug. 8.
- Film spool, Photographic. M. D. Lee. 1,930,144; Oct. 10.
- Film strip developing device, Photographic. R. J. Kittredge. 1,924,944; Aug. 29.
- Film, Talking. H. Könemann. 1,930,362; Oct. 10.
- Film, Tempo indicating motion picture. D. Fleischer. 1,907,774; May 9.
- Film threading device for photographic sound reproducing apparatus. F. H. Owens. 1,913,853; June 13.
- Film, Transparent cellulose. J. F. Walsh. 1,931,518; Oct. 24.
- Film, using said film and manufacturing the same, Song. W. J. Conkie. 1,930,552; Oct. 17.
- Film, Visibly marked photographic. R. N. Titus. 1,917,406; July 11.
- Film-winding device. L. A. Falls. 1,939,884; Dec. 19.
- Films and sheets, Apparatus for making dowed. J. F. Walsh, J. H. Stevens, K. Flynn, A. F. Caprio, and T. E. Alcorn. 1,920,118; July 25.
- Films, Apparatus for developing. J. A. Saffir. 1,925,154; Sept. 5.
- Films, Apparatus for printing synthetic. H. Chrétien. 1,894,264; Jan. 17.
- Films, Apparatus for printing synthetic anamorphosed. H. Chrétien. 1,894,265; Jan. 17.
- Films, Apparatus for reproducing goffered. J. L. Vidal. 1,935,422; Nov. 14.
- Films, Apparatus for treating. L. E. Taylor. 1,928,235; Sept. 26.
- Films arranged in strips, Treating. A. L. V. C. Debrie. 1,907,252; May 2.
- Films, Conditioning of cellulose derivative. S. E. Shepard and J. G. McNally. 1,908,546; May 9.
- Films, Copying goffered. R. Berthon. 1,904,671; Apr. 18.
- Films for color cinematography, Printing of. R. Berthon. 1,904,673; Apr. 18.
- Films for natural color reception, Making. W. R. B. Larsen. 1,918,208; July 11.
- Films for the reproduction of picture films in combination with sound films, (talking films), Producing and reproducing. E. Dessau. 1,924,110; Aug. 29.
- Films, Lacquers, and the like, Manufacture of. C. Neubauer. 1,902,337; Mar. 21.
- Films, Manufacture of. H. E. Renard. 1,928,031; Sept. 26.
- Films or layers and conditioning the temperature of viscous masses, Making. L. Dotzer and G. M. Poverud. 1,939,672; Dec. 19.
- Films or other articles, Apparatus for making and method of handling. W. J. Williams. Re18,991; Nov. 7.
- Films or plates, Heating photographic. R. F. Mehl and J. T. Gow. 1,923,108; Aug. 22.
- Films, Preparing printing. W. C. Huebner. 1,914,126; June 13.
- Films, Process and device for reproducing goffered. R. Berthon. 1,904,672; Apr. 18.
- Films, Producing. M. P. Schmidt and J. Voss. 1,910,502; May 23.
- Films, Projecting picture. W. A. Kosken. 1,906,759; May 2.
- Films, Projection of cinematographic. L. A. Baker and H. Weld. 1,938,992; Dec. 12.
- Films, Protecting the sound track on sound motion picture. P. C. Seel. 1,917,397; July 11.
- Films, Reenforcing cinematograph. A. H. Adams. 1,900,681; Mar. 7.
- Films, Reproducing acoustic. A. Karolus. 1,917,306; July 11.
- Films, Securing synchronism in sound. K. Degl. 1,919,585; July 25.
- Films upon bodies of nonconducting oxides, especially for oxide filaments in discharge tubes, Making metallic. E. Wiegand. 1,923,406; Aug. 22.
- Filter: See—
- Acoustic wave filter.
 - Air-filter.
 - Band-pass filter.
 - Colored filter.
 - Commercial air filter.
 - Continuous pressure filter.
 - Differential filter.
 - Divided filter.
 - Electric wave filter.
 - Household filter.
 - Laboratory filter.
 - Leaf filter.
 - Light filter.
 - Liquid filter.
 - Mounting light filter.
 - Oil filter.
 - Pressure filter.
 - Radiator filter.
 - Renewable filter.
 - Resilient filter.
 - Self-sealing filter.
 - Water filter.
 - Wave filter.
 - Zone filter.
- Filter. J. F. Auberscheck. 1,934,159; Nov. 7.
- Filter. J. A. Bell. 1,932,569; Oct. 31.

- Filter. J. Brown. 1,937,943; Dec. 5.
 Filter. J. A. Buquor. 1,909,655; May 16.
 Filter. L. H. Clark. 1,905,806; Apr. 25.
 Filter. C. A. Compton. 1,927,228; Sept. 19.
 Filter. G. S. Dauphinee. 1,899,018; Feb. 28.
 Filter. A. P. Dieman. 1,940,208; Dec. 19.
 Filter. S. R. Dunham. 1,908,329; May 9.
 Filter. D. D. Dooley. 1,896,395; Feb. 7.
 Filter. W. G. Elder. 1,902,435; Mar. 21.
 Filter. A. M. Harkness. 1,921,296; Aug. 8.
 Filter. A. M. Harkness. 1,926,995; Sept. 12.
 Filter. E. B. Hughson. 1,917,121; July 4.
 Filter. L. R. Lentz. 1,910,553; May 23.
 Filter. R. P. F. Liddell. 1,913,401; June 13.
 Filter. C. W. McKinley. 1,906,391; May 2.
 Filter. L. E. Milkey. 1,930,209; Oct. 10.
 Filter. M. B. Mount. 1,929,510; Oct. 10.
 Filter. V. C. Norquist and E. E. Treanor. 1,895,083; Jan. 24.
 Filter. V. C. Norquist and E. E. Treanor. 1,905,738; Apr. 25.
 Filter. V. C. Norquist and E. E. Treanor. 1,919,448; July 25.
 Filter. C. B. Perkins. 1,926,557; Sept. 12.
 Filter. A. A. Sidney. 1,937,415; Nov. 28.
 Filter. V. A. Tinello. 1,908,933; May 16.
 Filter. E. E. Trafton. 1,906,932; May 2.
 Filter. R. B. Withrow. 1,938,734; Dec. 12.
 Filter. W. G. Zerzow. 1,896,655; Feb. 7.
 Filter-aid dewaxing. J. F. Mitchell-Roberts. 1,933,868; Nov. 7.
 Filter-aid material, Reconditioning. W. P. Gee. 1,923,021; Aug. 15.
 Filter-amplifier combination. H. Chireix. 1,924,397; Aug. 29.
 Filter and check valve, Combined. R. G. Denk. 1,927,582; Sept. 19.
 Filter and cooler, Oil. J. E. Kline. 1,900,821; Mar. 7.
 Filter and dirt disposal for electric push brooms. W. Leathers. 1,916,006; June 27.
 Filter and medium, Sinuous air. S. G. Sylvan. 1,926,924; Sept. 12.
 Filter and method of operation. G. O. Hillier. 1,914,742; June 20.
 Filter and operation, Grinding compound. R. A. Walters and N. A. Sorenson. 1,932,996; Oct. 31.
 Filter and recovering retained oil from clay, Method and apparatus for cooling. M. D. Mann, jr., and F. M. Archibald. 1,915,433; June 27.
 Filter and screen, Combined color. G. S. Rowell. 1,919,483; July 25.
 Filter arrangement, Oil. J. M. Crawford. 1,913,193; June 6.
 Filter bed cleaning device for sewage clarification tanks. W. C. Laughlin and A. B. Asch. 1,919,567; July 25.
 Filter element, Oil. C. W. McKinley. 1,940,317; Dec. 19.
 Filter for automobiles and the like, Oil. C. A. Compton. 1,927,229; Sept. 19.
 Filter for dust collectors. W. V. Paine. Re18,822; May 2.
 Filter for hot-air registers, Screen. F. A. Walloch. 1,893,571; Jan. 10.
 Filter for mausoleums. A. Ferrar. 1,913,234; June 6.
 Filter for removing dust from the air. E. O'Toole, sr. 1,914,282; June 13.
 Filter for smoking appliances, Absorbent. P. H. Minton. 1,919,959; July 25.
 Filter for sterilizers, Air. R. G. Canti and J. C. Robinson. 1,939,103; Dec. 12.
 Filter for vacuum cleaners, Double. W. Leathers. 1,904,690; Apr. 18.
 Filter manufacture. C. S. Knight. 1,910,771; May 23.
 Filter material and producing the same. E. D. Crammond and W. A. Hughes. 1,921,309; Aug. 8.
 Filter material, Base-exchanging. S. A. Kruger. 1,915,894; June 27.
 Filter materials, Reactivation of spent. M. Goebel. 1,905,087; Apr. 25.
 Filter media. M. W. Dundore. 1,910,758; May 23.
 Filter medium, Rigid. N. B. Lund. 1,930,128; Oct. 10.
 Filter press. E. D. Seymour. 1,926,115; Sept. 12.
 Filter press. F. E. Symons and F. M. Covgill. 1,903,368; Apr. 4.
 Filter protection, Pressing box. M. Michel. 1,930,903; Oct. 17.
 Filter ribbon, Apparatus for winding. P. B. Renfrew. 1,915,103; June 20.
 Filter system. C. W. Horn. 1,916,424; July 4.
 Filter system, Electrical. B. F. Miessner. 1,927,689; Sept. 19.
 Filter system, Selective. A. M. Troegner. 1,894,645; Jan. 17.
 Filter unit. J. J. Preble. 1,895,642; Jan. 31.
 Filter valve, Vacuum cleaner. W. Leathers. 1,902,333; Mar. 21.
 Filter wash control, Automatic. W. J. Hughes. 1,892,951; Jan. 3.
 Filtering apparatus. W. H. T. Holden. 1,902,031; Mar. 21.
 Filtering apparatus. P. B. Renfrew and L. R. Hartley. 1,906,417-18; May 2.
 Filtering apparatus. L. L. Scott. 1,938,934; Dec. 12.
 Filtering apparatus. H. Wittemeler. 1,900,476; Mar. 7.
 Filtering apparatus, Electric. L. Devol. 1,906,250; May 2.
 Filtering apparatus, Reversible. W. A. English. 1,914,012; June 13.
 Filtering apparatus, Water. U. L. Barnes. 1,918,446; July 18.
 Filtering device. E. Perlman. 1,929,605; Oct. 10.
 Filtering device. N. R. Thibert. 1,935,136; Nov. 14.
 Filtering device, Centrifugal. H. W. Abbott. 1,902,982; Mar. 28.
 Filtering element. F. Riebel, jr. 1,907,335; May 2.
 Filtering material. H. E. Birkholz. 1,893,048; Jan. 3.
 Filtering material. W. C. Davidson. 1,901,438; Mar. 14.
 Filtering material and preparing the same. H. S. Montgomery. 1,939,860; Dec. 19.
 Filtering means. T. Schoenlau. 1,919,805; July 25.
 Filtering, Method and apparatus for continuous. A. J. Boynton and F. A. DeLisle. 1,923,138; Aug. 22.
 Filtering system. R. P. F. Liddell. 1,913,402; June 13.
 Filters, Cleaning air. A. Jordahl. 1,913,885; June 13.
 Filters, Operating. W. L. South and C. T. Anné. 1,925,824; Sept. 5.
 Filtration, Apparatus for. F. X. Govers. 1,931,000; Oct. 17.
 Filtration. F. X. Govers. 1,920,126; July 25.
 Filtration. J. A. Pickard. 1,919,570; July 25.
 Filtration, Continuous. D. Cole. 1,895,276; Jan. 24.
 Filtration medium. H. E. Birkholz. 1,897,976; Feb. 14.
 Fin for heat exchangers. K. W. Haupt. 1,925,720; Sept. 5.
 Fin propeller. W. Meindersma. 1,903,551; Apr. 11.
 Fin winding machine. E. A. Dewald. 1,930,161; Oct. 10.
 Fins on tubes, Method and machine for rolling. R. K. Hopkins. 1,901,516; Mar. 14.
 Finder for cameras provided with objectives of different foci. A. N. Merle. 1,897,268; Feb. 14.
 Finding for a clasp. A. E. Waller. 1,892,918; Jan. 3.
 Finger grip mechanism. R. L. Wilcox. 1,929,862; Oct. 10.
 Finger guide for typewriters. P. J. Parker. 1,937,067; Nov. 28.
 Finger protector. H. E. Smith. 1,913,218; June 6.
 Finger ring. R. Bassel. Des. 89,564; Apr. 4.
 Finger ring. L. Hirsch. 1,925,250; Sept. 5.
 Finger ring. A. Hoppe. Des. 89,698; Apr. 25.
 Finger ring. J. J. Kagan. Des. 89,240; Feb. 7.
 Finger ring. L. Lefkoe. Des. 90,719; Sept. 19.
 Finger ring. J. A. Pastula. Des. 91,250; Dec. 26.
 Finger ring. W. C. Patt. 1,898,263; Feb. 21.
 Finger ring. S. A. Pilblad. 1,930,907; Oct. 17.
 Finger ring. E. J. Schnarr. 1,927,221; Sept. 19.
 Finger ring. S. Sizeler. Des. 89,724-6; Apr. 25.
 Finger ring. K. L. Toelcke. 1,913,463; June 13.
 Finger tip and nail sharpener. H. P. Brown. 1,917,794; July 11.
 Finish for ferrous articles. A. W. Machlet. 1,921,128; Aug. 8.
 Finish grinding and polishing, Method for. C. T. Raule. 1,914,647; June 20.
 Finish, Metal surface. F. C. Zimmer. 1,930,331; Oct. 10.
 Finish remover. T. F. Bradley. 1,901,728; Mar. 14.
 Finish removing machine. N. W. Mathey. 1,918,769; July 18.
 Finishing machine. J. L. Jones. 1,922,134; Aug. 15.
 Finishing machine. A. W. Hallam. 1,937,819; Dec. 5.
 Finishing process. F. M. Crystler. 1,904,417; Apr. 18.
 Finishing welt. R. C. Schemmel. 1,900,768; Mar. 7.
 Fire alarm. C. H. Guettler. 1,934,531; Nov. 7.
 Fire alarm and fire extinguisher device. W. B. Bronander. 1,923,660; Aug. 22.
 Fire alarm system. E. R. Swett, jr. 1,929,759; Oct. 10.
 Fire, Animated imitation hearth. F. A. Gritt and F. Stewart. 1,901,294; Mar. 14.
 Fire apparatus, Automatic. W. B. Griffith. 1,919,508; July 25.
 Firearm. W. S. Bradbury. 1,913,827; June 13.
 Firearm. C. J. Jolidon. 1,896,820; Feb. 7.
 Firearm. C. C. Loomis. 1,900,184; Mar. 7.
 Firearm. C. C. Loomis. 1,905,922; Apr. 25.
 Firearm. C. C. Loomis. 1,908,034-6; May 9.
 Firearm. C. C. Loomis. 1,913,840; June 13.
 Firearm. C. C. Loomis. 1,924,692; Aug. 29.
 Firearm. C. C. Loomis. 1,931,262; Oct. 17.
 Firearm. A. L. Lowe. 1,913,841; June 13.
 Firearm. O. Wilk. 1,898,651; Feb. 21.
 Firearm. C. G. Svebilus. 1,928,871; Oct. 3.
 Firearm, Automatic. A. J. Lahti. 1,895,719; Jan. 31.
 Firearm, Automatic. A. Marek. 1,906,800; May 2.
 Firearm, Automatic. H. Schmelser. 1,930,864; Oct. 17.
 Firearm, Manually-operated bolt-action. A. F. Laudensack. 1,898,670; Feb. 21.
 Firearm, Self-defensive. F. G. Palla. 1,906,870; May 2.
 Firearm, Slide-action. W. C. Roemer. 1,912,403; June 6.
 Firearm, Superposed barrel, breech-loading. L. Ribe. 1,906,216; Apr. 25.
 Firearm, Superposed barrel, breech-loading. L. Ribe. 1,924,656; Aug. 29.
 Firearm with bolt action and case magazine, Repeating. F. Jäger. 1,900,818; Mar. 7.
 Firearms, Back sight for. R. von Frommer. 1,896,926; Feb. 7.
 Fire box construction. M. P. Van Woert. 1,920,817; Aug. 1.
 Fire box, Locomotive. G. L. Baxter, F. W. Strachauer, and R. S. Twoood. 1,900,324; Mar. 7.
 Fire by nontoxic substances, Preventing. T. Midgley, jr. 1,926,395; Sept. 12.

- Fire by nontoxic substances, Preventing. T. Midgley, jr., A. L. Henne, and R. R. McNary. 1,926,396; Sept. 12.
- Fire control apparatus. H. B. Ely. 1,923,082; Aug. 22.
- Fire control apparatus. H. B. Ely. 1,939,675; Dec. 19.
- Fire control instrument. H. C. Ford. 1,938,825; Dec. 12.
- Fire control system. H. C. Ford and E. P. Ross. 1,937,336; Nov. 28.
- Fire control system for antiaircraft guns. J. B. Henderson and A. L. Perham. 1,940,681; Dec. 26.
- Firecracker tube rolling machine. W. F. Gongaware. 1,900,928; Mar. 14.
- Fire detecting and extinguishing system. S. E. Allen. 1,930,670; Oct. 17.
- Fire engine. C. H. Fox. 1,895,166; Jan. 3.
- Fire engine. C. H. Fox. 1,898,826; Feb. 21.
- Fire escape. O. C. N. Gundersen. 1,902,230; Mar. 21.
- Fire escape construction, Tubular. R. N. Friend. 1,934,349; Nov. 7.
- Fire extinguisher. W. D. Banes. 1,898,476; Feb. 21.
- Fire extinguisher. F. E. Bennett. 1,937,805; Dec. 5.
- Fire extinguisher. W. B. Bronander. 1,919,316; July 25.
- Fire extinguisher. W. B. Bronander. 1,921,452; Aug. 8.
- Fire extinguisher. W. B. Bronander. 1,925,228; Sept. 5.
- Fire extinguisher. W. B. Bronander. 1,939,333; Dec. 12.
- Fire extinguisher. R. H. Campbell. 1,915,182; June 20.
- Fire extinguisher. H. A. Ceafon. 1,926,762; Sept. 12.
- Fire extinguisher. F. J. Clark. 1,912,759; June 6.
- Fire extinguisher. J. L. Coffield. 1,939,336; Dec. 12.
- Fire extinguisher. C. R. D'Olive. 1,931,377; Oct. 17.
- Fire extinguisher. C. R. D'Olive. 1,929,239; Oct. 3.
- Fire extinguisher. H. W. Doughty. 1,898,482; Feb. 21.
- Fire extinguisher. D. Estes. 1,925,313; Sept. 5.
- Fire extinguisher. S. M. Green. 1,892,724; Jan. 3.
- Fire extinguisher. S. M. Green. 1,941,298; Dec. 26.
- Fire extinguisher. M. Herzstein and R. H. Porter. 1,927,742; Sept. 19.
- Fire extinguisher. R. C. Iddings. 1,931,411; Oct. 17.
- Fire extinguisher. J. Lévy. 1,925,669; Sept. 5.
- Fire extinguisher. A. C. Lusher. 1,928,295; Sept. 26.
- Fire extinguisher. E. A. Paquette. 1,910,445; May 23.
- Fire extinguisher. H. L. Parrish. 1,923,326; Aug. 22.
- Fire extinguisher. C. L. Paulus and R. Kauch. 1,918,191; July 11.
- Fire extinguisher. A. B. Phister. 1,918,930; July 18.
- Fire extinguisher. R. Prefontaine. 1,932,291; Oct. 24.
- Fire extinguisher. E. J. Reasor. 1,928,909; Oct. 3.
- Fire extinguisher. W. Richter and P. Fray. 1,894,325; Jan. 17.
- Fire extinguisher. G. C. Schulte. 1,927,246; Sept. 19.
- Fire extinguisher. C. A. Thomas and C. A. Hochwalt. 1,895,530; Jan. 31.
- Fire extinguisher. C. A. Thomas and C. A. Hochwalt. 1,895,691; Jan. 31.
- Fire extinguisher. C. B. White. 1,939,287; Dec. 12.
- Fire extinguisher. C. S. Whitman. 1,916,351; July 4.
- Fire extinguisher and sprayer, Portable. M. H. Smith. 1,913,006; June 6.
- Fire extinguisher apparatus. W. B. Bronander. 1,914,710; June 20.
- Fire extinguisher, Automatic. H. C. Laengel. 1,909,837; May 16.
- Fire extinguisher composition. C. A. Thomas and C. A. Hochwalt. 1,910,653; May 23.
- Fire extinguisher container. L. J. Dugas. 1,894,761; Jan. 17.
- Fire extinguisher for aeroplanes, Automatic. J. J. Gabbetis. 1,925,242; Sept. 5.
- Fire extinguisher for fire apparatus, Vapor. H. J. Echola. 1,914,245; June 13.
- Fire extinguisher hand hole and cover. E. W. M. Boosey. 1,898,117; Feb. 21.
- Fire extinguisher hanger. B. Schmansky. 1,941,112; Dec. 26.
- Fire extinguisher support. W. B. Bronander. 1,894,917; Jan. 17.
- Fire extinguishers, Manufacture of. C. F. Smith. 1,913,688; June 13.
- Fire extinguishing apparatus. F. L. Boyd. 1,917,694; July 11.
- Fire extinguishing apparatus. P. L. Gumaer. 1,909,532; May 16.
- Fire extinguishing apparatus. H. C. Laengel. 1,931,230; Oct. 17.
- Fire-extinguishing apparatus, Automatic. J. R. Hamilton. 1,925,245; Sept. 5.
- Fire extinguishing apparatus, Automatic control for. A. Schwepcke. 1,911,166; May 23.
- Fire extinguishing composition. C. A. Thomas and C. A. Hochwalt. 1,895,692; Jan. 31.
- Fire extinguishing compound. A. J. Gilleo. 1,924,401; Aug. 29.
- Fire extinguishing foam, Apparatus for producing. F. L. Boyd. 1,900,482; Mar. 7.
- Fire-extinguishing foam, Portable apparatus for producing. F. L. Boyd. 1,919,616; July 25.
- Fire extinguishing method. R. Beythien. 1,908,398; May 9.
- Fire extinguishing system. M. W. McLaren. 1,923,160; Aug. 22.
- Fire extinguishing system, Selective. D. Mapes. 1,912,458; June 6.
- Fire extinguishing system, Sprinkler. W. B. Griffith. 1,919,507; July 25.
- Fire fighting apparatus. L. C. Moore. 1,926,298; Sept. 12.
- Fire fighting apparatus. R. Rzemieniecki. 1,934,008; Nov. 7.
- Fire-fighting equipment. J. J. Gilsenan. 1,919,365; July 25.
- Firefy. B. C. Harrell. 1,900,339; Mar. 7.
- Fire foam, Apparatus for generating. W. Graaff. 1,908,141; May 9.
- Fire hose clamp. F. W. Warner. 1,897,743; Feb. 14.
- Fire hose rack. R. O. Lund. 1,904,063; Apr. 18.
- Fire kindler. J. A. Meyer. 1,931,616; Oct. 24.
- Fire kindler. W. E. Pfeiffer. 1,912,302; May 30.
- Fireplace. C. J. and J. F. Richter. 1,933,451; Oct. 31.
- Fireplace construction and damper therefor. N. Mulcahy. 1,928,499; Sept. 26.
- Fireplace guard screen. W. O. Dailey. 1,923,424; Aug. 22.
- Fireplace heater. R. P. Jensen. 1,915,826; June 27.
- Fireplace heater. B. F. Stuart and G. R. McLean. 1,935,751; Nov. 21.
- Fireplace screen. A. H. Bailey. 1,901,073; Mar. 14.
- Fireplace screen. W. W. Jackson. 1,926,443; Sept. 12.
- Fireplace throat and damper, Combined. P. E. Boldt. 1,928,165; Sept. 26.
- Fireplaces, Apparatus for making concrete. R. G. Barriball. 1,937,306; Nov. 28.
- Fire pot for oil burners. W. S. Grant and F. H. Shoop. 1,910,761; May 23.
- Fire-preventing and fire-extinguishing agent. K. Daimler. 1,914,406; June 20.
- Fireproof bodies and making the same. G. H. Ellis. 1,905,222; Apr. 25.
- Fireproof fiber board. J. A. Wiener and J. B. Harmon. 1,937,679; Dec. 5.
- Fireproof material. E. Schmidt. 1,910,127; May 23.
- Fireproof wall board. J. A. Wiener and J. B. Harmon. 1,905,541; Apr. 25.
- Fireproofing wood, vegetable fibrous materials, and textile fabrics. A. P. Allen. 1,926,253; Sept. 12.
- Fire protection apparatus. E. Tyden. 1,914,223; June 13.
- Fire protection for automobile storage buildings. H. D. James and H. E. White. 1,934,503; Nov. 7.
- Fire protection, Oil tank. J. A. Harte. 1,893,026; Jan. 3.
- Fire resistant and preservative composition. J. K. Watson. 1,900,211; Mar. 7.
- Fire resistant and preservative composition and making same. J. R. Watson. 1,900,212; Mar. 7.
- Fire unit for furnaces. F. C. Greene. 1,921,253; Aug. 8.
- Fireworks. L. L. Driggs, jr. 1,922,081; Aug. 15.
- Fires, Apparatus for extinguishing oil and gas well. J. P. Collins. 1,933,009; Dec. 5.
- Fires, Device for preventing carburetor. F. H. Schweizer. 1,896,019; Jan. 31.
- Firing device. A. F. Spring. 1,894,203; Jan. 10.
- Firing-device for demountable machine-guns. A. L. Ricordel. 1,900,999; Mar. 14.
- Firing mechanism. W. L. Hahm and G. W. Brown. 1,934,731; Nov. 14.
- Firing mechanism. R. P. Lansing. 1,935,123; Nov. 14.
- Firing mechanism. R. M. Nardone. 1,940,179; Dec. 19.
- Fish and fillets for storage, Method of and apparatus for preparing. M. P. Vucassovich. 1,921,055; Aug. 8.
- Fish and various specimens hollow, Mounting. A. Pfueger. 1,895,729; Jan. 31.
- Fish at sea, Refrigerating. P. W. Hiller. 1,912,896; June 6.
- Fish-bait adjusting device. J. Catarau. 1,902,217; Mar. 21.
- Fish bait, Artificial. H. F. Khoenle. 1,920,935; Aug. 1.
- Fish bobber. J. Durham. 1,934,845; Nov. 14.
- Fish cleaning mechanism. B. C. Youman. 1,926,417; Sept. 12.
- Fish dressing machine. R. Baader. 1,920,339; Aug. 1.
- Fish elevator. F. Koch. 1,903,627; Apr. 11.
- Fish filleting machine. H. A. Burnes. 1,908,283; May 9.
- Fish handling device. F. J. Mullins. 1,893,903; Jan. 10.
- Fishhook. G. T. Buddle. 1,939,291; Dec. 12.
- Fishhook. C. V. Grutsch. 1,898,442; Feb. 21.
- Fishhook and link. C. W. Vandermark. 1,895,301; Jan. 24.
- Fishhook baiting device. H. W. Wallace. 1,915,876; June 27.
- Fishhook device. G. T. Buddle. 1,928,367; Sept. 26.
- Fishhook, Double ended slip. W. T. Toolan. 1,911,778; May 30.
- Fishhook fastening means. W. E. Dunn. 1,905,449; Apr. 25.
- Fishhook holder. J. Swanberg. 1,934,748; Nov. 14.
- Fish line bobber. J. E. Gaede and E. M. Sargent. 1,917,707; July 11.
- Fishline reel. L. Bonstour. 1,904,849; Apr. 18.
- Fishline reel. A. W. F. Guest. 1,919,104; July 18.
- Fish lure. D. M. Bardon. 1,938,653; Dec. 12.
- Fish lure. V. H. Best. 1,905,407; Apr. 25.
- Fish lure. E. H. Bobo. 1,897,109; Feb. 14.
- Fish lure. J. Catarau. 1,921,657; Aug. 8.
- Fish lure. L. O. Edwards. Des. 91,235; Dec. 26.
- Fish lure. L. O. Edwards. 1,940,907; Dec. 26.
- Fish lure. J. A. Greider. 1,933,170; Oct. 31.
- Fish lure. R. E. Grossman. 1,906,791; May 2.
- Fish lure. G. W. Harvey. Des. 89,980; May 16.
- Fish lure. C. C. Hoage. 1,923,623; Aug. 22.
- Fish lure. C. B. Jacobs. Des. 91,170; Dec. 12.
- Fish lure. H. W. Major. 1,913,282; June 6.
- Fish lure. M. D. Martin. 1,900,832; Mar. 7.
- Fish lure. W. A. Medlin. 1,898,200; Feb. 21.

- Fish lure. E. Novitzky. 1,898,740; Feb. 21.
 Fish lure. E. Novitzky. 1,914,211; June 13.
 Fish lure. F. A. Ozburn. 1,923,840; Aug. 22.
 Fish lure. E. H. Peckinpaugh. 1,929,150-1; Oct. 3.
 Fish lure. C. T. Pfeuger. 1,940,604; Dec. 19.
 Fish lure. H. W. Vann. 1,941,370; Dec. 26.
 Fish lure. C. Yavru. 1,934,153; Nov. 7.
 Fish lure and fish lure made thereby, Manufacturing. E. Cooley. 1,922,841; Aug. 15.
 Fish lure, Artificial. C. F. Schilpp. 1,893,686; Jan. 10.
 Fish lure, Revolving. A. H. Burckhardt. 1,920,676; Aug. 1.
 Fish, Method of and apparatus for skinning. H. F. Taylor. 1,921,440; Aug. 8.
 Fish, Mounting the skins of. A. Pfeuger. 1,918,929; July 18.
 Fish net. S. J. Hayes. 1,917,937; July 11.
 Fish nets, Preserving. P. R. Andrews. 1,897,224; Feb. 14.
 Fish, Process and apparatus for treating. A. H. Cooke. 1,911,810; May 30.
 Fish reduction process. G. R. Henshall. 1,909,676; May 16.
 Fish rod handle. W. F. Hoerle and E. J. Pardon. 1,923,035; Aug. 15.
 Fish scaler and knife, Combination. A. A. Benedict. 1,920,954; Aug. 8.
 Fish scaling device. C. Birdseye. 1,901,625; Mar. 14.
 Fishtail point for augers. F. O. Prior. 1,895,205; Jan. 24.
 Fish tape puller. R. B. Patterson. 1,939,187; Dec. 12.
 Fish trap. E. S. Yanga. 1,903,276; Mar. 28.
 Fish, Treating. C. S. Ash. 1,934,677; Nov. 14.
 Fisherman's implement. G. R. Lamb. 1,934,132; Nov. 7.
 Fisherman's reel. J. V. Schafer. 1,898,316; Feb. 21.
 Fishing apparatus. R. J. Blum. 1,899,790; Feb. 28.
 Fishing apparatus. S. H. Hawkinson. 1,934,536; Nov. 7.
 Fishing, Deep sea. S. Hiller and J. J. Coney. 1,923,090; Aug. 22.
 Fishing device. W. A. Walthers. 1,915,208; June 20.
 Fishing line. P. B. Bekeart. 1,927,581; Sept. 19.
 Fishing line. F. S. Phelps. 1,899,477; Feb. 28.
 Fishing line. R. F. Smith. 1,914,174; June 13.
 Fishing lure. E. H. Binns. 1,910,742; May 23.
 Fishing lure. R. M. and L. G. Palmer. 1,897,529; Feb. 14.
 Fishing lure. F. de C. Sweeney. 1,894,500; Jan. 17.
 Fishing pole. J. Carlson. 1,920,966; Aug. 8.
 Fishing reel. W. L. Adams. 1,899,908; Feb. 28.
 Fishing reel. W. L. Adams. 1,932,360; Oct. 24.
 Fishing reel. J. F. Ancona. 1,895,304; Jan. 24.
 Fishing reel. F. Burdick. 1,941,245; Dec. 26.
 Fishing reel. J. R. Fawcett. 1,901,091; Mar. 14.
 Fishing reel. C. A. Godshalk, F. Henke, and D. Behrsing. 1,904,992; Apr. 25.
 Fishing reel. J. W. Hamilton and J. W. Watts. 1,896,582; Feb. 7.
 Fishing reel. O. Henze. 1,940,593; Dec. 19.
 Fishing reel. D. Kelly. 1,898,451; Feb. 21.
 Fishing reel. E. C. Mayhew. 1,912,086; May 30.
 Fishing reel. H. F. Maynes. 1,905,483; Apr. 25.
 Fishing reel. G. L. Phillippe. 1,897,711; Feb. 14.
 Fishing reel. S. G. Russell and E. D. Clickner. 1,941,227; Dec. 26.
 Fishing reel. W. Shakespeare, jr. 1,903,559; Apr. 11.
 Fishing reel. I. L. Spenny. 1,939,148; Dec. 12.
 Fishing reel. J. F. White. 1,914,471; June 20.
 Fishing reel, Attaching means for. C. Baird and W. R. Robertson. 1,902,749; Mar. 21.
 Fishing reel, Automatic. L. E. Sipe. 1,907,272; May 2.
 Fishing reel, Automatic. J. F. White. 1,914,470; June 20.
 Fishing reel, Free-reeling. J. P. Shaw. 1,897,499; Feb. 14.
 Fishing rod. P. S. Bear. 1,918,583; July 18.
 Fishing rod. C. J. Clarke. 1,897,889; Feb. 14.
 Fishing rod. J. Groschup. 1,914,500; June 20.
 Fishing rod. S. T. Thorpe. 1,927,724; Sept. 19.
 Fishing rod handle. W. A. Foss. 1,916,924; July 4.
 Fishing rod, Split bamboo. E. C. Powell. 1,932,986; Oct. 31.
 Fishing rod structure. H. F. Gephart. 1,909,529; May 16.
 Fishing rod support. O. Gerline. 1,918,389; July 18.
 Fishing tackle. C. T. Pfeuger. 1,916,582; July 4.
 Fishing tackle box. W. Y. Moberly. 1,926,162; Sept. 12.
 Fitted traveling bag. F. N. Lewis. 1,900,508; Mar. 7.
 Fitting. F. S. Barks. 1,916,185; June 27.
 Fitting. A. J. Weatherhead, jr. 1,924,007; Aug. 22.
 Fitting apparatus, Nose ring. R. Hauptner. 1,921,618; Aug. 8.
 Fitting, Conduit. J. M. White. 1,918,676; July 18.
 Fitting, Current-tapping cap-plug. A. Abramson. 1,922,651; Aug. 15.
 Fitting, Duct. H. S. Walker. 1,921,056; Aug. 8.
 Fitting, Flush out. H. H. House. 1,924,498; Aug. 29.
 Fitting for cracking coils, Return bend. H. C. Stockham. 1,935,233; Nov. 14.
 Fitting for electrical systems, Elbow. M. M. Clayton. 1,901,897; Mar. 21.
 Fitting for measuring elements. C. W. Bristol and A. Noble. 1,904,615; Apr. 18.
 Fitting for oil stills, Return bend. F. C. Fantz. 1,936,386; Nov. 21.
 Fitting for pipes, Branch. E. S. Cornell, jr. 1,908,821; May 16.
 Fitting for threaded members. H. W. Avery. 1,893,927; Jan. 10.
 Fitting, Ground. S. N. Buchanan. 1,922,077; Aug. 15.
 Fitting, Grounding. S. N. Buchanan. 1,897,186; Feb. 14.
 Fitting, Grounding. L. H. Church. 1,900,485; Mar. 7.
 Fitting, Lubricant receiving. W. M. Kelly. 1,907,981; May 9.
 Fitting, Orifice. W. A. Howard. 1,931,797; Oct. 24.
 Fitting, Self-balancing steam. E. E. Berry. 1,896,062; Feb. 7.
 Fitting, Waste and overflow. E. A. Pope. 1,901,118; Mar. 14.
 Fitting, Waste and vent. W. J. Luff. 1,911,454; May 20.
 Fixed clamp. N. C. Schellenger. 1,894,327; Jan. 17.
 Fixed condenser. O. Blake and H. Beyer. 1,920,346; Aug. 1.
 Fixing machine. E. Hochheimer. 1,929,689; Oct. 10.
 Fixture and canopy support. J. B. Glowacki. 1,901,234; Mar. 14.
 Fixture, Attaching. G. E. McIntyre and L. J. Smyth. 1,892,678; Jan. 3.
 Fixture attaching device. H. Y. Hooper. 1,915,230; June 20.
 Fixture, Ceiling. C. B. Rogers. Des. 89,354; Feb. 28.
 Fixture, Centrifugal. C. G. Hawley. 1,896,894; Feb. 7.
 Fixture connector. W. Wilson. 1,927,250; Sept. 19.
 Fixture, Curtain. J. M. Barrett. 1,895,780; Jan. 31.
 Fixture for crank grinding machines, Work clamping. A. P. Steiner. Re18,736; Feb. 14.
 Fixture, Lighting. G. W. Goldner. 1,918,031; July 11.
 Fixture, Sectional. J. Brunski. 1,907,495; May 9.
 Fixture support. S. N. Buchanan. 1,916,412; July 4.
 Fixture support. R. L. Call. 1,893,729; Jan. 10.
 Fixture supporting device, Electrical. H. D'Olier, jr. 1,897,954; Feb. 14.
 Fixture switch. C. M. Petersen. 1,931,621; Oct. 24.
 Flag. C. A. Gearing. Des. 88,956; Jan. 10.
 Flag. H. E. Guyn. Des. 88,912; Jan. 3.
 Flag holder. R. G. Hetzel. 1,928,563; Sept. 26.
 Flag holder. E. B. Wiley. 1,896,832; Feb. 7.
 Flag holder and support therefor. W. F. Hogan. 1,893,585; Jan. 10.
 Flame arrester. F. G. D. Muller. 1,902,258; Mar. 21.
 Flame arrester and safety relief for vapor lines. E. H. Jones. 1,907,976; May 9.
 Flame arrester for carburetors. L. W. Williams. 1,916,705; July 4.
 Flame baffle for pulverized fuel furnaces. W. K. Sanders. 1,912,043; May 30.
 Flame baffle for pulverized fuel furnaces. W. K. Sanders. 1,930,566; Oct. 17.
 Flame combustion using liquid fuel, Diffusion. A. L. Klees. 1,931,927; Oct. 24.
 Flameproof article. H. Boving. 1,897,629; Feb. 14.
 Flame spreader for mantle oil lamps. J. S. Baker and H. F. Cunningham. 1,909,515; May 16.
 Flange clamp for welding. D. W. Hickey. 1,940,910; Dec. 26.
 Flange coupling. H. N. Hackett. 1,894,094; Jan. 10.
 Flange protector. L. J. Lemert. 1,903,220; Mar. 28.
 Flanged articles, Forming. E. Riemenschneider. 1,928,910; Oct. 3.
 Flanged corrugated fastener. J. S. McChesney. 1,904,288; Apr. 18.
 Flanges, Apparatus for forming. W. H. Brett. 1,912,930; June 6.
 Flanges on tank car manholes, Device for vulcanizing. J. I. Meade. 1,912,459; June 6.
 Flanging and corrugating machine and method. P. Kruse. 1,939,065; Dec. 12.
 Flanging machine. E. Preston and O. N. Gredell. 1,907,664; May 9.
 Flap for automobiles, Splash. M. and L. Zaiger. 1,904,342-3; Apr. 18.
 Flare, Aerial. L. P. Johnson, T. D. Westfall, and M. W. Fischer. 1,895,954; Jan. 24.
 Flare, Parachute. L. L. Driggs, jr. 1,937,191; Nov. 28.
 Flare signal. L. L. Driggs, jr. 1,937,220; Nov. 28.
 Flare supporting and firing device. L. L. Driggs, jr. 1,937,219; Nov. 28.
 Flash lamp. O. H. Biggs. 1,915,591; June 27.
 Flash lamp. K. Kobayashi. 1,930,315; Oct. 10.
 Flash light. G. H. Barber, F. G. Stimson, and G. B. Pratt. 1,896,605; Feb. 7.
 Flash light. R. B. Benjamin. 1,898,756; Feb. 21.
 Flashlight. M. H. Bennett. 1,894,606; Jan. 17.
 Flash light. A. J. Desimone. Des. 90,527; Aug. 22.
 Flash light. C. E. A. Gronbeck. 1,907,102; May 2.
 Flashlight. M. Horowitz. 1,906,268; May 2.
 Flash light. H. W. Jones and H. G. Graubner. 1,900,348; Mar. 7.
 Flash light. H. T. Kingsbury. Des. 89,965; May 23.
 Flash light. H. Koretzky, M. Horowitz, and A. J. Desimone. 1,900,505; Mar. 7.
 Flash light. A. Mitchell. 1,918,347; July 18.
 Flash light. B. F. Muldoon. 1,913,946; June 13.
 Flash light. B. F. Muldoon and J. E. Johnson. 1,920,314; Aug. 1.
 Flash light. G. B. Pratt. 1,904,902; Apr. 18.
 Flash light. G. B. Pratt. 1,917,060; July 4.
 Flash light. P. Rosenberg. 1,902,377; Mar. 21.
 Flashlight. G. A. Smith. 1,921,171; Aug. 8.
 Flash light. E. W. Worley. 1,923,962; Aug. 22.
 Flashlight adapters for marine running lights. G. W. Trahey. 1,931,712; Oct. 24.

- Flash light and camera, Combination. F. S. Schlesinger. 1,934,331; Nov. 7.
- Flash-light apparatus, Photographic. F. G. Johnson. 1,895,835; Jan. 31.
- Flash light apparatus, Photographic. F. G. Johnson. 1,896,585; Feb. 7.
- Flash light bottom cap. G. H. Barber. 1,894,147; Jan. 10.
- Flash light cap. O. C. Britsch. 1,940,843; Dec. 26.
- Flash-light cap and hanger, Combined. G. H. Barber. Des. 89,421; Mar. 7.
- Flash light, Electric. J. L. Shannon. 1,902,590; Mar. 21.
- Flash light, Insulated. F. G. Stimson. 1,934,214; Nov. 7.
- Flash light, Pocket. L. Abbotts. 1,919,024; July 18.
- Flash light switch. H. G. Graubner. 1,937,651; Dec. 5.
- Flashlight switch. J. F. Moran. 1,932,352; Oct. 24.
- Flash light, Vest pocket type. M. E. Buchholz. 1,895,913; Jan. 31.
- Flash-point testing machine. M. Mizuta and T. Yoshimura. 1,941,182; Dec. 26.
- Flash removing apparatus. F. H. Whitman. 1,912,419; June 6.
- Flash roasting unit. E. C. Clarke. 1,929,308; Oct. 3.
- Flash stop signal and tail light, Combined. S. M. Acton. 1,928,873; Oct. 3.
- Flash welding. B. T. Andren. 1,933,954; Nov. 7.
- Flasher. G. H. Leland. 1,930,761; Oct. 17.
- Flasher device. W. Dubilier. 1,898,174; Feb. 21.
- Flashing. M. E. Bever. 1,935,829; Nov. 21.
- Flashing. A. B. Friedberg. 1,935,116; Nov. 14.
- Flashing. C. A. Fritch. 1,928,097; Sept. 26.
- Flashing light signal. S. M. Day. 1,902,799; Mar. 21.
- Flask. I. R. Custer. 1,921,350; Aug. 8.
- Flask. K. D. Hauser. Des. 90,074; June 6.
- Flask, Dental. C. S. Ballard. 1,926,508; Sept. 12.
- Flask, Dental. O. J. Johnson. 1,921,925; Aug. 8.
- Flask for dental molds. O. T. Birdleough. 1,922,875; Aug. 15.
- Flask, Foundry. F. W. Hamel. 1,916,217; July 4.
- Flask, Foundry. W. O. Snelling. 1,900,137; Mar. 7.
- Flask handling apparatus. L. A. Camerota. 1,911,106; May 23.
- Flask, Heat. R. S. Ferguson. 1,920,853; Aug. 1.
- Flask, Molding. E. A. Anheuser and G. S. Remiker. 1,904,037; Apr. 18.
- Flat and filler for egg holding cases. F. Kronenberger. 1,901,913; Mar. 21.
- Flat bed printing press, Intaglio-engraved-plate. O. A. Quayle, sr. 1,934,881; Nov. 14.
- Flat gluing machine. O. Kleinschmidt. 1,892,987; Jan. 3.
- Flat hosiery frame. C. Scheller. 1,938,154; Dec. 5.
- Flatiron stand. W. F. Payne. 1,921,038; Aug. 8.
- Flaw detection. H. C. Drake. 1,912,570; June 6.
- Flaw detector. H. C. Drake. 1,893,074; Jan. 3.
- Flaw detector. H. C. Drake. 1,897,610; Feb. 14.
- Flaw detector carriage guard. H. C. Drake. 1,933,546; Nov. 7.
- Flaw detector for cables. W. M. Perry. 1,907,864; May 9.
- Flaw detector for pipes. H. C. Drake and F. D. Braddon. 1,933,547; Nov. 7.
- Flax, Accelerating the retting of. W. Lenz and K. Jochum. 1,904,148; Apr. 18.
- Fleece deburring machine, Hand mechanical. A. F. Barker. 1,921,064; Aug. 8.
- Flexible articles, Coloring. N. Barr and R. J. Dorn. 1,911,176; May 30.
- Flexible casing. D. R. Templeman. 1,933,460; Oct. 31.
- Flexible chain. G. W. Jenckes. 1,925,190; Sept. 5.
- Flexible cleaner. E. A. Hodell. 1,912,137; May 30.
- Flexible coupling. H. D. Ainsworth. 1,894,507; Jan. 17.
- Flexible coupling. H. W. Bell. 1,894,972; Jan. 24.
- Flexible coupling. J. Bibby. 1,915,399; June 27.
- Flexible coupling. E. E. Brown. 1,935,390; Nov. 14.
- Flexible coupling. J. Buchli. 1,934,113; Nov. 7.
- Flexible coupling. C. H. Clark. 1,921,910; Aug. 8.
- Flexible coupling. A. G. Forsyth. 1,935,501; Nov. 14.
- Flexible coupling. C. F. Hathaway. 1,923,307; Aug. 22.
- Flexible coupling. F. G. Henry. 1,911,688; May 30.
- Flexible coupling. J. S. Oechsle. 1,893,593; Jan. 10.
- Flexible coupling. P. W. Queen. 1,911,846; May 30.
- Flexible coupling. R. A. Smith. 1,935,730; Nov. 21.
- Flexible coupling. R. A. Smith. 1,939,370; Dec. 12.
- Flexible coupling, Centrifugal. J. N. Baker. 1,898,806; Feb. 21.
- Flexible coupling for vehicular structures. G. H. Curtiss. 1,916,967; July 4.
- Flexible coupling, Internal-external. D. B. Perry. 1,898,496; Feb. 21.
- Flexible joint. F. N. Bard. 1,911,938; May 30.
- Flexible joint. J. M. Nalle. 1,901,924; Mar. 21.
- Flexible metallic coupling. C. W. McGuirk. Re18,906; Aug. 1.
- Flexible metallic tube. M. Nigro. 1,941,151; Dec. 26.
- Flexible post. J. Frei, Jr. 1,939,968; Dec. 19.
- Flexible slide fastener. W. Shulik. 1,899,168; Feb. 28.
- Flexible support. J. P. Hell. 1,927,032; Sept. 19.
- Flexible top container. L. B. Chevalier. 1,911,988; May 30.
- Flexible tube. R. H. Stone. 1,923,693; Aug. 22.
- Flier construction. M. J. McHale. 1,904,624; Apr. 18.
- Flier construction. M. J. McHale. 1,920,414; Aug. 1.
- Flier construction. M. J. McHale. 1,931,201; Oct. 17.
- Flier construction. M. J. McHale. 1,935,855; Nov. 21.
- Flight indicator. K. E. Gath. 1,903,449; Apr. 11.
- Float. C. C. Harris and H. W. Cadwell. 1,908,420; May 9.
- Float. H. B. Jones. 1,927,124; Sept. 19.
- Float and safety valve. E. C. Rosenow. Re17,788; Apr. 4.
- Float controlled apparatus. J. H. Knowles. 1,936,628; Nov. 28.
- Float for casting lines. W. Westling. 1,918,507; July 18.
- Float gauge. E. F. Bacon. 1,930,546; Oct. 17.
- Float operated switch. A. Penn. Re18,744; Feb. 21.
- Float, Seaplane landing. W. B. May. 1,937,973; Dec. 5.
- Float structure. V. Colonese. 1,892,746; Jan. 3.
- Float switch. M. E. Henning. 1,939,697; Dec. 19.
- Float valve. L. A. Hanson and C. F. Osner. 1,903,816; Apr. 18.
- Float valve. F. D. Peltier. 1,895,084; Jan. 24.
- Float valve. C. H. Pendleton. 1,898,389; Feb. 21.
- Floating bearing. C. Jablow and B. Wheeler. 1,899,691; Feb. 28.
- Floating clutch. S. Kalmar. 1,933,436; Oct. 31.
- Floating head and test ring. M. Sack. 1,895,735; Jan. 31.
- Floating pump unit. J. C. Franke. 1,920,371; Aug. 1.
- Floating tool. L. Skeel and J. A. Spohr. 1,903,576; Apr. 11.
- Floc treatment. M. C. Smith. 1,893,451; Jan. 3.
- Flood-gate for culverts. S. Treverton. 1,929,527; Oct. 10.
- Floodlight. P. S. Bailey. Des. 89,736; May 2.
- Floodlight. K. A. Sawin. 1,902,587; Mar. 21.
- Floodlight unit for airports, Portable. C. T. Watts. 1,934,576; Nov. 7.
- Flooding control valve. P. H. Mack. 1,909,589; May 16.
- Flooding process for recovering oil from sand beds. M. De Groote and A. F. Wirtel. 1,894,759; Jan. 17.
- Floor. M. Gray. 1,925,068; Aug. 29.
- Floor box. S. N. Buchanan. 1,928,198; Sept. 26.
- Floor cleaner. W. F. Deutscher. 1,938,063; Dec. 5.
- Floor cleaner, Electrically lighted. H. J. Goosman. 1,917,761; July 11.
- Floor construction. J. R. Bowman. 1,902,829; Mar. 28.
- Floor construction. P. G. Heldman. 1,893,742; Jan. 10.
- Floor construction. T. A. Lucy. 1,922,053; Aug. 15.
- Floor construction. M. and A. Rosenblum. 1,927,557; Sept. 19.
- Floor construction. J. C. Shryock. 1,933,394; Oct. 31.
- Floor construction. E. Walter and E. E. Koehler. 1,940,705; Dec. 26.
- Floor construction, Composite. R. G. Miller. 1,925,271; Sept. 5.
- Floor construction or the like. J. Jones and S. Johnston. 1,898,668; Feb. 21.
- Floor controlled switch. F. G. Chapin. 1,905,146; Apr. 25.
- Floor covering. L. S. Case. 1,925,302; Sept. 5.
- Floor covering. C. Ellis. 1,905,827; Apr. 25.
- Floor covering. W. F. Kaufman and J. C. McCarthy. 1,940,306; Dec. 19.
- Floor covering and making same. H. H. Hopkins. 1,912,200; May 30.
- Floor covering and the like. D. L. Irwin and R. E. Tipples. 1,899,416; Feb. 28.
- Floor covering for automobiles and the like. E. E. Paine and W. S. Vrooman. 1,928,867; Oct. 3.
- Floor covering, Ornamented hard surface. J. C. McCarthy. 1,898,375; Feb. 21.
- Floor coverings, Making. G. F. Cavanagh and A. B. Schultz. 1,939,293; Dec. 12.
- Floor coverings, Making. H. Paulus. 1,926,303; Sept. 12.
- Floor device, Looping. E. D. Wright. 1,935,757; Nov. 21.
- Floor finishing machine. A. N. Emmons. 1,921,513; Aug. 8.
- Floor finishing machine. C. E. Woods. 1,927,225; Sept. 19.
- Floor fitting. D. D. Kimball and V. J. Cucchi. 1,912,985; June 6.
- Floor fitting for underfloor duct system. L. A. Sharp. 1,934,280; Nov. 7.
- Floor grid, Metallic. E. W. Burgess. 1,914,107; June 13.
- Floor leveling equipment for elevators, Automatic. F. G. Arwood. 1,937,136; Nov. 28.
- Floor machine. W. S. Fennell. 1,933,846; Nov. 7.
- Floor mopping machine. W. S. Fennell. 1,910,325; May 23.
- Floor or like construction. J. G. L. Skar. 1,909,134; May 16.
- Floor or roof construction, Slab. H. E. Marks. 1,902,565; Mar. 21.
- Floor outlet fixture. M. E. Phillips. 1,907,661; May 9.
- Floor polishing and vacuum cleaning machine. C. H. Beach. 1,933,492; Oct. 31.
- Floor polishing machine. J. L. Dulin. 1,909,338; May 16.
- Floor polishing machine. J. Sassano. 1,938,300; Dec. 5.
- Floor reading stand. O. K. and L. O. Mitchell. Des. 89,053; Jan. 17.
- Floor sander. H. W. Lundquist. 1,905,296; Apr. 25.
- Floor sander. G. H. Van Emburg and S. E. Ward. 1,907,904; May 9.
- Floor slab. H. H. Bunker. 1,929,478; Oct. 10.
- Floor scraper. R. C. Charlton. 1,910,087; May 23.
- Floor, Structural. L. Inglee. 1,941,211; Dec. 26.
- Floor structure, Welded. R. Stresau. 1,939,732; Dec. 19.
- Floor surfacing machine. J. J. Vicenzi. 1,901,681; Mar. 14.
- Floor sweeping composition. G. E. Worth. 1,916,163; June 27.
- Floor waxer. R. Weber. 1,934,898; Nov. 14.

- Floor waxer and polisher. J. G. Brooks. 1,931,977; Oct. 24.
- Floor waxing device. E. Matthews. 1,936,727; Nov. 28.
- Floor waxing machine. W. S. Finnell. 1,898,357; Feb. 21.
- Flooring. H. B. Chamberlain. 1,922,472; Aug. 15.
- Flooring. R. W. Storm. 1,940,377; Dec. 19.
- Flooring, Composite. D. W. Pye. 1,913,613; June 13.
- Flooring, composition, and preparing, Mastic. H. K. Linzell. 1,901,055; Mar. 14.
- Flooring composition and producing the same. H. L. Levin. 1,911,631; May 30.
- Flooring construction. G. S. Gynn. 1,898,364; Feb. 21.
- Flooring construction. B. C. Rockwell. 1,936,028; Nov. 21.
- Flooring for bookstacks, Continuous. J. G. L. Skar. 1,928,797; Oct. 3.
- Flooring for vehicles. B. Bronson. 1,914,399; June 20.
- Flooring, Laying wood block. W. F. Livezey. 1,925,070; Aug. 29.
- Flooring, Method of and apparatus for bundling. E. C. Dittmar. 1,900,980; Mar. 14.
- Flooring, Parquet. B. W. Jones. 1,929,871; Oct. 10.
- Flooring structure. W. A. Bates. 1,936,536; Nov. 21.
- Floors, Apparatus for forming concrete. H. W. Roos. 1,902,898-9; Mar. 28.
- Floors, Apparatus for forming concrete. H. W. Roos. 1,929,287; Oct. 3.
- Floors, Apparatus for laying concrete. H. W. Roos. 1,929,288; Oct. 3.
- Floral rack. C. J. White. 1,907,917-18; May 9.
- Flotation apparatus. J. T. Shimmmin and H. C. Hirsch. 1,912,228; May 30.
- Flotation cell. J. Liva. 1,908,033; May 9.
- Flotation cell, Low pressure. W. L. Sheeler. 1,916,020; June 27.
- Flotation cell structure. W. L. Sheeler. 1,932,089; Oct. 24.
- Flotation machine. J. P. Ruth. 1,899,166; Feb. 28.
- Flotation machine. J. P. Ruth, jr. 1,901,123; Mar. 14.
- Flotation method. M. S. Hansen. 1,924,607; Aug. 29.
- Flotation process. O. W. Greeman and H. A. Lilly. 1,926,045; Sept. 12.
- Flotation process and apparatus. D. L. Forrester. 1,912,630; June 6.
- Flotation process and mineral collecting agent. R. B. Martin. 1,933,179; Oct. 31.
- Flotation reagent. F. G. Moses and E. J. Canavan. 1,912,588; June 6.
- Flour, Bleaching of. J. Straub. 1,913,776; June 13.
- Flour diluent, Wheat. R. M. Bohn. 1,900,094; Mar. 7.
- Flour, meal, and milling products, Improving the color and the baking quality of. W. Becher. 1,910,741; May 23.
- Flour mixture, Making a dehydrated. J. D. Duff and L. E. Dietrich. 1,931,892; Oct. 24.
- Flow bean. L. S. Hamer. 1,933,903; Nov. 7.
- Flow control and check valve, Combined. L. N. McClellan, P. A. Kinzie, J. L. Savage, and C. M. Day. 1,918,849; May 30.
- Flow control apparatus. W. A. Barr. 1,923,655; Aug. 22.
- Flow control apparatus. W. A. Barr. 1,928,086; Sept. 26.
- Flow control device. W. H. Weber. 1,931,781; Oct. 24.
- Flow control for plunger lift devices. H. B. Woods. 1,932,500; Oct. 31.
- Flow control system. R. D. Smith. 1,929,455; Oct. 10.
- Flow controller. M. M. Borden. 1,900,273; Mar. 7.
- Flow controller. J. W. Ledoux. 1,897,492; Feb. 14.
- Flow controller, Rate of. S. L. Adelson. 1,934,759; Nov. 14.
- Flow divider. W. F. Moore. 1,905,733; Apr. 25.
- Flow evenner, Screen type. E. E. Berry. 1,918,514; July 18.
- Flow governing apparatus. R. D. Smith. 1,910,450; May 23.
- Flow head with adjustable flow bean. D. R. Knowlton and L. F. Defenbaugh. 1,911,905; May 30.
- Flow indicator. C. D. Fagan and R. W. Swank. 1,904,283; Apr. 18.
- Flow meter. F. A. Furlong. 1,923,260; Aug. 22.
- Flow meter. J. J. Groetken. 1,917,710; July 11.
- Flowmeter. H. B. Inglis, C. L. Paulus, and R. Kaugh. 1,917,974; July 11.
- Flow meter. H. M. Newton. 1,902,716; Mar. 21.
- Flow meter. C. B. Sawyer. 1,902,427; Mar. 21.
- Flow meter. C. F. Wallace. 1,924,076; Aug. 22.
- Flow regulator. E. T. Turner. 1,904,337; Apr. 18.
- Flow regulator, Automatic. D. C. Dodrill. 1,898,244; Feb. 21.
- Flow regulator for plunger lift devices. S. Evans. 1,932,452; Oct. 31.
- Flow restrictor. T. E. Coleman. 1,928,047; Sept. 26.
- Flow switch. H. M. Nacey. 1,917,317; July 11.
- Flower container, Easy lift sanitary. M. E. Shaw. 1,899,400; Feb. 28.
- Flower display, Collapsible. F. Pleschke. 1,916,988; July 4.
- Flower garden unit combination, Nestable pyramidal. H. G. Stevens. 1,928,799; Oct. 3.
- Flower holder. G. R. Davis, jr. 1,895,609; Jan. 31.
- Flower holder. E. A. Field. Des. 89,688-91; Apr. 25.
- Flower holder. R. A. Flook. 1,907,775; May 9.
- Flower holder. J. H. Luft. 1,918,115; July 11.
- Flower holder. E. N. Pole. 1,916,583; July 4.
- Flower holder. L. Rosenwald. 1,918,785; July 18.
- Flower holding device. W. H. Seltzer. 1,902,423; Mar. 21.
- Flower pick. C. A. Knuutila. 1,922,165; Aug. 15.
- Flowerpot. E. Brandt. 1,940,044; Dec. 19.
- Flowerpot handle. L. Wolf. 1,922,066; Aug. 15.
- Flowerpot holder. A. Consolazio. 1,930,673; Oct. 17.
- Flower pot, Metal. S. Ellis. 1,896,229; Feb. 7.
- Flowerpot support. M. Rogers. 1,914,617; June 20.
- Flower stand. A. S. Johnson. 1,897,905; Feb. 14.
- Flower support. Y. Takahashi. 1,893,970; Jan. 10.
- Flowers, Display of cut. J. H. Holmes. 1,904,782; Apr. 18.
- Flowers from cocoons, Manufacturing artificial. H. Abe. 1,914,591; June 20.
- Flowers, Method of and composition for extending life to cut. F. W. Ruzicka. 1,908,922; May 16.
- Flue cap, Ventilating. W. A. Briel. 1,938,131; Dec. 5.
- Flue cleaner. T. E. Olson. 1,910,358; May 23.
- Flue cleaning device. H. I. Platt. 1,898,596; Feb. 21.
- Flue coupling. C. A. Thresher. 1,895,179; Jan. 24.
- Flue cutter. E. W. Crosby and C. O. V. Fanshler. 1,907,178; May 2.
- Flue dust, Recovering blast furnace. A. B. Haswell and F. G. Cutler. 1,930,010; Oct. 10.
- Fluent materials, Apparatus and method for handling. K. S. Clapp and T. H. Eickhoff. 1,908,117; May 9.
- Fluid and liquid control device for containers. E. R. Williams. 1,907,025; May 2.
- Fluid and material saving device for oil or other wells. A. Paryzek. 1,910,045; May 23.
- Fluid apparatus. E. A. Weaver. 1,924,894; Aug. 29.
- Fluid, Apparatus for determining characteristics of a. Z. J. Kegl and H. M. Larsen. 1,918,270; July 18.
- Fluid, Apparatus for testing dielectric strength of. D. B. Clark. 1,926,084; Sept. 12.
- Fluid brake. M. Isaacson. 1,903,293; Apr. 4.
- Fluid braking mechanism. H. O. Lindgren. 1,928,430; Sept. 26.
- Fluid, Clarifying dry cleaning. R. A. Morgen and F. Fair. 1,902,514; Mar. 21.
- Fluid cleaner. G. M. Spencer. 1,899,993; Mar. 7.
- Fluid, Cleaning. A. Mohn. 1,940,688; Dec. 26.
- Fluid, Cleaning. C. L. Voress. 1,921,054; Aug. 8.
- Fluid composition, Pressure transmitting. A. M. Simpson. 1,912,814; May 30.
- Fluid conducting passages. W. S. Diehl. 1,940,790; Dec. 26.
- Fluid container. R. L. Feagles and W. E. Penrod. 1,907,770; May 9.
- Fluid container. P. A. Westphal. 1,936,219; Nov. 21.
- Fluid container, Flexible. E. I. Kilcup. 1,937,387; Nov. 28.
- Fluid container, Puncture sealing. J. A. Berger. 1,903,355; Apr. 4.
- Fluid control, Automatic. W. C. Putnam. 1,929,515; Oct. 10.
- Fluid control device. J. Hume. 1,914,602; June 20.
- Fluid control device. M. I. Mix and H. E. Hell. 1,892,775-6; Jan. 3.
- Fluid control device. E. R. Williams. 1,928,146; Sept. 26.
- Fluid control system. O. V. Kruse. 1,941,357; Dec. 26.
- Fluid control system, Automatic. M. Alpern. 1,904,846; Apr. 18.
- Fluid control valve. E. F. Deléry. 1,904,204; Apr. 18.
- Fluid control valve, Automatic. F. R. Mott. 1,896,676; Feb. 7.
- Fluid control valve, Electromagnetic. L. B. Green. 1,915,822; June 27.
- Fluid control valve, Pressure. O. Meyer. 1,917,455; July 11.
- Fluid controlled mechanism. J. Robson. 1,918,985; July 18.
- Fluid controlling device. B. Krämer. 1,924,325; Aug. 29.
- Fluid cooled roll. C. Cone. 1,937,382; Nov. 28.
- Fluid cooler. J. Price. 1,935,412; Nov. 14.
- Fluid cut-off. A. Williams. 1,935,197; Nov. 14.
- Fluid dampener for clutches. C. G. Wood. 1,914,841; June 20.
- Fluid delivery apparatus. G. A. Knaak. 1,926,726; Sept. 12.
- Fluid delivery for cooking and brewing utensils. S. A. Haines. 1,898,832; Feb. 21.
- Fluid dispensing apparatus. W. M. Griffin. Des. 89,588; Apr. 11.
- Fluid dispensing apparatus. B. J. Pepper. 1,896,056; Jan. 31.
- Fluid-dispensing apparatus. C. M. Tursky. 1,930,668; Oct. 17.
- Fluid dispensing device. H. W. Fisher. 1,929,884; Oct. 10.
- Fluid dispensing device. E. S. Garvey. 1,932,209; Oct. 24.
- Fluid distributing device. H. N. Rider. 1,893,210; Jan. 8.
- Fluid distributing means for strand working apparatus. E. J. McIlvried. 1,911,914; May 30.
- Fluid distributor device for fluid driving gears. K. Hentschke and O. Vom Bover. 1,917,116; July 4.
- Fluid elevating device, Pneumatic. C. D. Rubel. 1,935,819; Nov. 21.
- Fluid filled switch. S. Rump. 1,912,042; May 30.
- Fluid flow control. E. J. Hotchkiss. 1,915,493; June 27.
- Fluid flow control device. O. W. Hahn. 1,933,852; Nov. 7.
- Fluid flow control device. F. L. Kallam. 1,901,032; Mar. 14.
- Fluid flow control valve, Rotary. R. M. Galloway. 1,908,973; May 16.

- Fluid flow controller. S. L. Adelson. 1,936,373; Nov. 21.
 Fluid flow controller. W. J. Hughes. 1,934,713; Nov. 14.
 Fluid flow controlling mechanism. J. Q. du Pont. 1,899,235; Feb. 28.
 Fluid-flow indicator. G. D. Clark. 1,899,672; Feb. 28.
 Fluid flow regulator. B. J. Pepper. 1,916,635; July 4.
 Fluid flow switch, Low resistance. W. R. Walker. 1,897,453; Feb. 14.
 Fluid flow switch, Low resistance. W. R. Walker. 1,897,455-6; Feb. 14.
 Fluid flow switch, Low resistance. W. R. Walker and F. Moos. 1,897,454; Feb. 14.
 Fluid flow switch, Magnetically operated low resistance. R. D. Mailey. 1,897,485; Feb. 14.
 Fluid from oil wells, Apparatus for controlling flow of. G. Raymond. 1,913,041; June 6.
 Fluid fuel burner. R. F. Bruns. 1,920,460; Aug. 1.
 Fluid handling apparatus. R. H. Owens. 1,915,579; June 27.
 Fluid-handling device. F. W. Ofeldt. 1,925,457; Sept. 5.
 Fluid heater. R. K. Behr. 1,919,192; July 25.
 Fluid heater, Storage type. E. J. Horton. 1,908,149; May 9.
 Fluid heating apparatus. L. C. Huff. 1,901,970; Mar. 21.
 Fluid, Hydraulic brake. E. Muench and F. Nicolai. 1,898,564; Feb. 21.
 Fluid impeller. H. G. Lykken. 1,893,710; Jan. 10.
 Fluid injecting device. C. C. Corkran. 1,901,085; Mar. 14.
 Fluid leakage, Controlling. S. Schiff. 1,909,224; May 16.
 Fluid lift device. L. H. Wellensiek. 1,932,497; Oct. 31.
 Fluid masses and separating materials, Apparatus for agitating. T. M. and F. H. Chance, and Provident Trust Company. 1,937,190; Nov. 28.
 Fluid materials to moving surfaces, Method and apparatus for applying. E. H. Merritt and R. W. Stanley. 1,929,896; Oct. 10.
 Fluid measuring apparatus. T. W. Stone. 1,927,577; Sept. 19.
 Fluid, Measuring the flow of. L. K. Spink. 1,913,860; June 13.
 Fluid meter. E. W. Ericson. 1,922,423; Aug. 15.
 Fluid meter. A. J. Granberg. 1,895,318; Jan. 24.
 Fluid meter. A. J. Granberg. 1,915,663; June 27.
 Fluid meter. G. A. Knaak. 1,918,341; July 18.
 Fluid metering system. G. R. Goodwin. 1,898,951; Feb. 21.
 Fluid, Method and apparatus for controlling the heating of a. M. D. Church. 1,932,574; Oct. 31.
 Fluid mixing valve, Thermostatic. F. L. Henning. 1,931,896; Oct. 24.
 Fluid motor. M. A. Broderick. 1,940,344; Dec. 19.
 Fluid motor. I. L. Chambers. 1,021,023; Aug. 8.
 Fluid motor. W. T. Hamilton and G. F. Ilgen. 1,914,091; June 13.
 Fluid motor. G. C. Smith. 1,910,644; May 23.
 Fluid motor. T. Varney. 1,907,908; May 9.
 Fluid motor. C. E. Wilkins and A. W. Rafferty. 1,920,285; Aug. 1.
 Fluid motor. J. H. Young. 1,933,000; Oct. 31.
 Fluid operated control device. W. Pontow, W. Abengroth, G. Schroeder, and K. A. Mayr. 1,918,424; July 18.
 Fluid-operated machine. J. E. Renfer. 1,925,604; Sept. 5.
 Fluid operated motor. H. Hueber and E. C. Horton. 1,920,146; July 25.
 Fluid operated tool. J. R. Hoffman. 1,899,150; Feb. 28.
 Fluid operated tool. J. R. Hoffman. 1,921,753; Aug. 8.
 Fluid operated tool. J. R. Hoffman. 1,923,205; Aug. 22.
 Fluid operative control. W. Page. 1,934,206; Nov. 7.
 Fluid, Permanent quick drying writing. C. S. Miner and G. Saylor. 1,932,248; Oct. 24.
 Fluid power controlling mechanism. E. G. Staude. 1,921,590; Aug. 8.
 Fluid pressure actuating device. H. F. Vickers. 1,928,144; Sept. 26.
 Fluid pressure actuator. W. C. Leonard. 1,895,131; Jan. 24.
 Fluid pressure apparatus. C. F. Chisholm. 1,927,487; Sept. 19.
 Fluid pressure apparatus. L. F. Whitney. 1,892,823; Jan. 3.
 Fluid pressure brake. S. G. Down. 1,895,453; Jan. 31.
 Fluid pressure brake. C. C. Farmer. 1,901,905; Mar. 21.
 Fluid pressure brake. C. C. Farmer. 1,919,423-4; July 25.
 Fluid pressure brake. C. C. Farmer. 1,923,141; Aug. 22.
 Fluid pressure brake. C. C. Farmer. 1,927,932; Sept. 26.
 Fluid pressure brake. C. C. Farmer. 1,935,791; Nov. 21.
 Fluid pressure brake. E. E. Hewitt. 1,895,465; Jan. 31.
 Fluid pressure brake. E. E. Hewitt. 1,910,543-4; May 23.
 Fluid pressure brake. J. C. McCune. 1,895,473; Jan. 31.
 Fluid pressure brake. J. C. McCune. 1,895,479; Jan. 31.
 Fluid pressure brake. J. C. McCune. 1,895,481; Jan. 31.
 Fluid pressure brake. J. C. McCune. 1,914,611; June 20.
 Fluid pressure brake. J. C. McCune. 1,919,442; July 25.
 Fluid pressure brake. J. C. McCune. 1,919,444; July 25.
 Fluid pressure brake. J. C. McCune. 1,923,157; Aug. 22.
 Fluid pressure brake. J. C. McCune. 1,935,808; Nov. 21.
 Fluid pressure brake. E. A. Rockwell. 1,896,374; Feb. 7.
 Fluid pressure brake. T. H. Thomas. 1,901,937; Mar. 21.
 Fluid pressure control, Automatic. E. L. Dennis. 1,914,082; June 13.
 Fluid pressure controlling apparatus. O. G. Goldman. 1,938,958; Dec. 12.
 Fluid pressure controlling means. O. B. Goldkamp. 1,892,883; Jan. 3.
 Fluid pressure gauge. J. Ellberg and M. Cronwall. 1,900,414; Mar. 7.
 Fluid pressure gauge. G. F. Ruopp. 1,939,466; Dec. 12.
 Fluid pressure governing system. H. F. Schmidt. 1,902,340; Mar. 21.
 Fluid pressure indicator and control. J. N. and A. S. Reynolds. 1,934,375; Nov. 7.
 Fluid-pressure motor. O. Kelly. 1,910,019; May 23.
 Fluid pressure motor. J. E. Rehor. 1,900,950; Mar. 14.
 Fluid pressure operated device. J. W. Tatter. 1,924,888; Aug. 29.
 Fluid pressure operated valve. J. S. Abercrombie and W. E. King. 1,910,663; May 23.
 Fluid pressure pump. W. P. Valentine. 1,902,345; Mar. 21.
 Fluid pressure regulator. G. Daux. 1,901,900; Mar. 21.
 Fluid pressure regulator. R. C. Hughes. 1,922,954; Aug. 15.
 Fluid pressure regulator. R. C. Hughes. 1,931,386; Oct. 17.
 Fluid pressure regulator. W. Hunt. 1,914,776; June 20.
 Fluid pressure regulator. F. Kissing and A. Maas. 1,920,752; Aug. 1.
 Fluid pressure regulator. G. A. Knaak. 1,918,340; July 18.
 Fluid pressure responsive device. J. R. Coffin and A. T. Tigges. 1,910,322; May 23.
 Fluid pressure switch. F. G. Hobart. 1,904,311; Apr. 18.
 Fluid pressure system. I. Harter. 1,934,667; Nov. 7.
 Fluid pressure system. S. Samson. 1,897,075; Feb. 14.
 Fluid pressure tool. G. M. Nell. 1,898,493-4; Feb. 21.
 Fluid pressure tool. G. M. Nell. 1,904,694; Apr. 18.
 Fluid pressure tool. G. M. Nell. 1,913,037; June 6.
 Fluid pressure tool. E. W. Stevens. 1,931,041; Oct. 17.
 Fluid pressure tool, Valve controlled. G. M. Nell. 1,920,763; Aug. 1.
 Fluid pressures, Device for measuring and indicating. J. Okill. 1,904,747; Apr. 18.
 Fluid propelling device. U. S. Jenkins. 1,913,635; June 13.
 Fluid proportion controller. M. M. Borden. 1,936,538; Nov. 21.
 Fluid pump. R. P. Lansing. 1,905,941; Apr. 25.
 Fluid pump. J. Liming, Jr. 1,905,646; Apr. 25.
 Fluid pumping. L. F. Whitney. 1,922,822; Jan. 3.
 Fluid pumping and mixing device. W. D. Carter. 1,906,740; May 2.
 Fluid reactive surface. C. H. A. F. L. Ross. Re18,853; May 30.
 Fluid sealing means. J. A. Olson. Re18,820; May 2.
 Fluid slipping and float device, Combination. S. Tycko. 1,916,646; July 4.
 Fluid system. D. F. Comstock. 1,892,870; Jan. 3.
 Fluid temperature maintainer. W. I. Carpenter. 1,905,343; Apr. 25.
 Fluid translating device, Propeller type. H. F. Schmidt. 1,932,231; Oct. 24.
 Fluid transmission system. R. P. Pescara. 1,920,104; July 25.
 Fluid-treating apparatus. F. L. Hunt. 1,895,760; Jan. 31.
 Fluid treating apparatus. J. N. Jacobsen. 1,918,753; July 18.
 Fluid well valve. T. E. Bryan. 1,927,081; Sept. 19.
 Fluids, Apparatus and process for heating. W. A. Darrah. 1,929,881; Oct. 10.
 Fluids, Apparatus for reclaiming cleaning. V. R. Read. 1,914,703; June 20.
 Fluids, Clarifying used dry cleaning. R. A. Morgen. 1,926,813; Sept. 12.
 Fluids, Contacting. R. W. Stenzel. 1,907,455; May 9.
 Fluids, Controlling the flow of. E. R. Williams. 1,941,030; Dec. 26.
 Fluids from underground strata, Method and apparatus for recovering. E. P. Halliburton. 1,912,578; June 6.
 Fluids from wells, Apparatus and method for removing. J. T. Simmons. 1,927,958; Sept. 26.
 Fluids, Heating of. M. W. Barnes. 1,908,103; May 9.
 Fluids, Method and apparatus for separating. O. G. Bowen. 1,917,792; July 11.
 Fluids, Method of and apparatus for controlling the flow of. J. C. Albright. 1,921,145; Aug. 8.
 Fluids, Method of, and apparatus for generating kinetic. F. M. Brooke. 1,938,687; Dec. 12.
 Fluids, Method of and apparatus for heating flowing. V. A. Rumble. 1,930,456; Oct. 10.
 Fluids, Method of and apparatus for proportioning flowing. W. E. Hannum. 1,930,455; Oct. 10.
 Fluids, Method of and apparatus for proportioning gaseous. E. X. Schmidt. 1,933,641; Nov. 7.
 Fluids to reciprocating parts of machinery, Conducting. K. O. Keller. 1,917,590; July 11.
 Fluids, Treating. O. H. Hansen. 1,935,777; Nov. 21.
 Fluorene, Oxidation of. A. O. Jaeger. 1,892,768; Jan. 3.
 Fluorescent or phosphorescent substances, Production of. N. Rupp. 1,930,110; Oct. 10.
 Fluoride materials, Manipulating. W. H. Maitzen and G. H. Wagner. 1,937,885; Dec. 5.
 Fluorine compounds, Dehydrating. F. A. Henglein and F. W. Stauff. 1,914,425; June 20.

- Fluorine compounds, Preparing organic. F. M. Meigs. 1,916,327; July 4.
- Fluoro compounds, Manufacture of aliphatic. T. Midgley, jr., A. L. Henne, and R. R. McNary. 1,930,129; Oct. 10.
- Fluoroscope. S. G. Gordon. 1,934,421; Nov. 7.
- Fluoroscope, Daylight. H. F. Waiter. 1,936,342; Nov. 21.
- Fluosilicate of organic heterocyclic bases, etc. P. L. Salzberg and E. W. Bousquet. 1,913,334; June 27.
- Flush panel construction. H. B. Wuebling. 1,905,082; Apr. 25.
- Flush receptacle. G. W. Goodridge. 1,926,001; Sept. 5.
- Flush receptacle. M. N. Russell. 1,927,245; Sept. 19.
- Flush tank cover, Adjustable. S. M. Cowan. 1,936,008; Nov. 21.
- Flush-tank valve. L. L. Colvin. 1,925,748; Sept. 5.
- Flush valve. A. T. Cobb. 1,895,786; Jan. 31.
- Flush valve. W. B. George. 1,912,937; June 6.
- Flush valve. W. C. Groeniger. 1,896,950; Feb. 7.
- Flush valve. C. W. Hess. 1,931,608; Oct. 24.
- Flush valve. L. L. Kaufmann. 1,928,130; Sept. 26.
- Flush valve. A. H. Kennedy. 1,904,898; Apr. 18.
- Flush valve. J. D. Langdon. 1,934,545; Nov. 7.
- Flush valve. F. P. Miller. 1,937,044; Nov. 28.
- Flush valve. W. Putnam. 1,901,119; Mar. 14.
- Flush valve. L. B. Roberts. 1,926,754; Sept. 12.
- Flush valve. W. E. Sloan. 1,925,412; Sept. 5.
- Flush valve rod. J. Sachs. 1,924,381; Aug. 29.
- Flusher. S. Williamson. 1,941,065; Dec. 26.
- Flusher, Automatic sewer. H. Wirz, jr. 1,918,678; July 18.
- Flusher, Visible. C. R. Buchet. 1,926,512; Sept. 12.
- Flushing apparatus, Safety. M. J. Tracy. 1,932,002; Oct. 24.
- Flushing device. W. J. Collison. 1,933,416; Oct. 31.
- Flushing device. P. Gumsheimer. 1,909,464; May 16.
- Flushing device. O. Van Clemons. 1,908,875; May 16.
- Flushing device, Automatic. C. W. Williams. 1,895,597; Jan. 31.
- Flushing device for well drills. J. A. Herrington. 1,922,436; Aug. 15.
- Flushing system for operating tables. A. L. Ormsbee. 1,900,255; Mar. 7.
- Fluting machine. C. B. Post. 1,904,030; Apr. 18.
- Flux. A. R. Nyquist. 1,922,692; Aug. 15.
- Flux box gate. V. P. Wendle. 1,934,577; Nov. 7.
- Flux for use in soldering metals. C. H. Aston. 1,927,355; Sept. 19.
- Fluxes for enamel colors, Manufacture of acid resistant. H. Eisenlohr. 1,927,737; Sept. 19.
- Fluxing device for lock and lap seam bodymakers. A. L. Kronquest. 1,934,357; Nov. 7.
- Fly ash, Method of and apparatus for disposing of. W. R. Wood. 1,936,741; Nov. 28.
- Fly destroyer. M. Jones. 1,916,982; July 4.
- Fly holder. H. M. Beck. 1,900,035; Mar. 7.
- Fly rod, fish-line guide. F. P. Madden. 1,937,972; Dec. 5.
- Fly rod handle. W. B. Sturgis. 1,931,303; Oct. 17.
- Fly rod lure. H. S. Reichardt. 1,929,152; Oct. 3.
- Fly screen. M. E. Webster. 1,904,035; Apr. 18.
- Fly swatter. W. M. Gray. 1,897,697; Feb. 14.
- Flywheel. W. E. Johnson. 1,902,505; Mar. 21.
- Fly wheel. M. Krajac. 1,935,980; Nov. 21.
- Flywheel. E. G. Pulley. 1,938,152; Dec. 5.
- Fly wheel type motor, Adjustable air gap. E. K. Tingley. 1,936,737; Nov. 28.
- Flying machine. H. T. Booth. 1,917,574; July 11.
- Flying machine. T. A. Dring. 1,898,764; Feb. 21.
- Flying machine. J. Goldman and D. Llamín. 1,896,511; Feb. 7.
- Flying machine. E. E. Koch. 1,912,775; June 6.
- Flying machine. T. McDaniel. 1,905,298; Apr. 25.
- Flying machine. G. F. Myers. 1,903,009; Mar. 28.
- Flying machine. N. P. Soffis. 1,916,340; July 4.
- Flying machine. F. Steinmann, sr. 1,903,345; Apr. 4.
- Flying machine. R. J. Sweet. 1,940,108; Dec. 19.
- Flying machine having revolving supporting surface. L. Breguet and R. Dornad. 1,919,089; July 18.
- Flying machine landing gear. A. F. Hickman. 1,928,651; Oct. 3.
- Foam. G. D. King. 1,907,982; May 9.
- Foam cell. B. T. Ballard. 1,929,470; Oct. 10.
- Foam delivery apparatus. K. Schmidt. 1,929,390; Oct. 3.
- Foam forming apparatus. L. G. M. Timpson. 1,907,901; May 9.
- Foam generating apparatus. L. G. M. Timpson. 1,907,942; May 9.
- Foam generator. K. Schmidt and C. Wagener. 1,940,272; Dec. 19.
- Foam indicating and foam control apparatus for steam boilers. L. O. Gunderson. 1,911,756; May 30.
- Foam prevention agent. L. J. Clapsadle. 1,899,610; Feb. 28.
- Foam prevention in treatment of milk, etc. J. Willmann. 1,935,235; Nov. 14.
- Foam, Producing. R. Ericson. 1,937,472; Nov. 28.
- Foam stabilizer. G. G. Urquhart and A. C. Jones. 1,922,510; Aug. 15.
- Foam suppressing substances, Device and method for supplying. A. P. Harrison. 1,916,614; July 4.
- Focusing device for cameras. R. G. Fear. 1,937,688; Dec. 5.
- Focusing device for cathode rays. C. M. Slack. 1,937,849; Dec. 5.
- Focusing machine. G. H. Cushing. 1,894,733; Jan. 17.
- Focusing means for photographic cameras and projectors. C. E. Hillery-Collings. 1,919,513; July 25.
- Fodder cutter. V. Matejick. 1,937,351; Nov. 28.
- Fodder, Preservation of green cattle. A. I. Virtanen. 1,935,754; Nov. 21.
- Fog, Artificial production of. U. Müller. 1,895,765; Jan. 31.
- Fog penetrating apparatus. C. Biemat. 1,920,345; Aug. 1.
- Foils and apparatus therefor, Production of. H. Jacqué. 1,894,467; Jan. 17.
- Foils, Production of. O. Schmidt. 1,901,045; Mar. 14.
- Foldable chair. J. Kovats. 1,922,305; Aug. 15.
- Foldable rack. J. Hirsch. 1,894,176; Jan. 10.
- Foldable stand. F. Driver and H. F. Poston. 1,908,827; May 16.
- Foldable table. W. C. Collignon. 1,911,750; May 30.
- Foldable table. S. Kanceler. 1,917,526; July 11.
- Foldable table. E. G. Wallinder. 1,913,418; June 13.
- Folded bag. O. W. Lewis. 1,928,696; Oct. 3.
- Folder. I. Allen. 1,895,960; Jan. 31.
- Folder, Advertising. W. J. Gallagher. 1,902,121; Mar. 21.
- Folder, Clothes. E. Meyer. 1,938,921; Dec. 12.
- Folder, File. L. C. Shonts. 1,895,174; Jan. 24.
- Folder for boxes, Universal continuous. P. R. Simmons. 1,936,338; Nov. 21.
- Folder for forming a slide. F. A. Morny. 1,913,609; June 13.
- Folder for paper-bag making and similar machines, Rotary. S. G. Rowles. 1,924,754; Aug. 29.
- Folder for sewing machines. P. E. Havel, G. I. and H. Goldwyn. 1,919,942; July 25.
- Folder for sewing machines. F. A. Kucera. 1,926,950; Sept. 12.
- Folder or booklet to be attached to a can or the like. R. R. Brown. 1,924,909; Aug. 29.
- Folder, portfolio, filing or mailing envelope, and similar container. N. Ottinger. 1,914,213; June 13.
- Folder, Record. E. J. Mcclanahan. 1,928,337; Sept. 26.
- Folding arm rest table. M. R. Goldberg. 1,936,013; Nov. 21.
- Folding box. W. N. Comley. 1,935,019; Nov. 14.
- Folding box. L. K. Field. 1,919,100; July 18.
- Folding box. C. E. Howell, jr. 1,917,120; July 4.
- Folding box. E. G. Levkoff. 1,907,937; May 9.
- Folding box. N. Ottinger. 1,895,768; Jan. 31.
- Folding box. L. Ross. 1,894,226; Jan. 10.
- Folding box. I. N. Rudowitz. 1,921,946; Aug. 8.
- Folding chair. H. E. Baker. 1,933,040; Oct. 31.
- Folding chair. W. E. Clarin. 1,900,486; Mar. 7.
- Folding chair. F. P. Danzer. 1,935,238; Nov. 14.
- Folding chair. R. W. Dick. 1,926,840; Sept. 12.
- Folding chair. P. E. G. Ericson. 1,905,830; Apr. 25.
- Folding chair. G. W. Hambrook and W. E. Clarin. 1,910,539; May 23.
- Folding chair. S. Horvath. 1,919,110; July 18.
- Folding chair. J. W. McCulloh. 1,896,455; Feb. 7.
- Folding chair. R. K. Merrill. 1,939,596; Dec. 12.
- Folding chair. A. I. Pasternack and D. G. Pasternack. 1,924,329; Aug. 29.
- Folding chair. W. C. Rastetter. 1,895,897; Jan. 31.
- Folding chair. W. C. Rastetter. 1,919,746; July 25.
- Folding chair. A. S. Stokby. 1,915,504; June 27.
- Folding chair. W. Swaninger. 1,923,517; Aug. 22.
- Folding chair. M. L. Tinsley. 1,904,891; Apr. 18.
- Folding chair. L. S. Williams. 1,895,115; Jan. 24.
- Folding chair. H. H. Yamaoka. 1,913,651; June 13.
- Folding container or box. G. Ancira. 1,918,887; July 18.
- Folding device. H. Howe. 1,937,386; Nov. 28.
- Folding display. H. Ziemerman. 1,931,521; Oct. 24.
- Folding display stand. J. E. Bales. 1,896,604; Feb. 7.
- Folding display stand. E. L. Davidson. 1,935,223; Nov. 14.
- Folding finder for cameras. O. Wittel. 1,933,784; Nov. 7.
- Folding lap board. H. Harrison. 1,911,823; May 30.
- Folding leg table. W. Berssenbrugge. 1,930,834; Oct. 17.
- Folding machine. C. W. Brenn. 1,938,536; Dec. 5.
- Folding machine. C. Christiansen. 1,907,243; May 2.
- Folding machine. F. H. Gifford. 1,925,141; Sept. 5.
- Folding machine. P. R. Glass. 1,899,089; Feb. 28.
- Folding machine. J. Mentges. 1,925,269; Sept. 5.
- Folding machine. A. R. Ridderstrom. 1,925,205; Sept. 5.
- Folding machine and method. J. P. Byron and A. R. Ridderstrom. 1,899,077; Feb. 28.
- Folding machine and method. T. C. Rowen. 1,899,245; Feb. 28.
- Folding mechanism. H. P. Clauberg. 1,937,510; Dec. 5.
- Folding mechanism. C. S. Crafts. 1,905,687; Apr. 25.
- Folding mechanism. C. S. Crafts and C. A. Harless. 1,895,124; Jan. 24.
- Folding mechanism. A. M. Zuckerman. 1,903,382; Apr. 4.
- Folding mechanism. A. M. Zuckerman. 1,933,952; Nov. 7.
- Folding paper box. B. G. Warner. 1,912,875; June 6.
- Folding pie cutter. A. J. Sjaæbe. 1,934,996; Nov. 14.
- Folding portable bar. M. M. Hayward. 1,913,387; June 13.
- Folding receptacle. D. Forbes. 1,916,662; July 4.
- Folding roller support. H. A. W. Wood. 1,937,453; Nov. 28.
- Folding square. M. B. Rizianu. 1,916,638; July 4.
- Folding stand. E. Roos. 1,909,223; May 16.
- Folding support. E. M. Pendleton. 1,900,760; Mar. 7.
- Folding table. C. N. Allerding. 1,901,887; Mar. 21.
- Folding table. B. Boeswinkle. 1,916,823; July 4.

- Folding table. B. Boeswinkle. 1,919,613; July 25.
 Folding table. J. V. Crichton. 1,905,219; Apr. 25.
 Folding table. W. P. De Saussure, Jr. 1,930,741; Oct. 17.
 Folding table. M. and A. Esposito. 1,934,119; Nov. 7.
 Folding table. C. W. Glandt. 1,898,998; Feb. 28.
 Folding table. F. H. Hatfield. 1,905,282; Apr. 25.
 Folding table. J. Kovats. 1,901,105; Mar. 14.
 Folding table. J. Kovats. 1,901,106; Mar. 14.
 Folding table. F. Malinowski. 1,920,577; Aug. 1.
 Folding table. T. F. Murray. 1,936,459; Dec. 12.
 Folding table. A. E. Null. 1,905,491; Apr. 25.
 Folding table. J. B. O'Connor. Re18,883; June 27.
 Folding table. J. Swartz. 1,925,216; Sept. 5.
 Folding table. Chiropactor's. C. J. Memminger. 1,908,778; May 16.
 Foliage trimmer. E. M. Beanblossom. 1,902,114; Mar. 21.
 Folio. F. E. Burgstaller. 1,906,311; May 2.
 Follow block. E. W. Davis. 1,911,554; May 30.
 Follow-up device for gyro compasses. B. A. Wittkubns. 1,921,983; Aug. 8.
 Follower and coupler supporting means, Combined. J. F. O'Connor. 1,939,827; Dec. 19.
 Font for holy water. H. M. Kerber. 1,939,707; Dec. 19.
 Font, Pen holder ink. R. A. Wood. 1,917,281; July 11.
 Food. J. A. Moran. 1,898,885; Feb. 21.
 Food and making same, Stock. J. P. Bartz. 1,940,837; Dec. 26.
 Food, Apparatus for producing animal. C. Schlotterhose. 1,929,856; Oct. 10.
 Food, Article of. F. E. Miller. Des. 90,922; Oct. 24.
 Food case, Self-serve. T. F. Snodgrass. 1,895,089; Jan. 24.
 Food chopping machine. B. Dwofsky. 1,922,761; Aug. 15.
 Food container. R. E. Van Horne. 1,892,756; Jan. 3.
 Food container, Edible. N. M. Thomas. Des. 89,224; Feb. 7.
 Food cutter. J. Failers. 1,931,982; Oct. 24.
 Food dressing and the like. W. A. Rooker and V. E. Spears. 1,921,585; Aug. 8.
 Food fat and oil coloring material. A. F. Files. 1,921,738; Aug. 8.
 Food handling apparatus. H. L. Johnston and D. A. Meeker. 1,902,506; Mar. 21.
 Food handling apparatus. H. L. Johnston and D. A. Meeker. 1,908,153; May 9.
 Food handling apparatus. D. A. Meeker. 1,933,022; Oct. 31.
 Food jelly. F. M. Boyles. 1,898,336; Feb. 21.
 Food material and making same. A. R. C. Owen. 1,911,463; May 30.
 Food, Method and apparatus for frying articles of. N. N. Smith. 1,926,313; Sept. 12.
 Food, Method for use in connection with the wrapping of. C. S. Hamersley. 1,914,121; June 13.
 Food mixer. C. A. Purdin. 1,902,376; Mar. 21.
 Food mixer support. E. Moss. 1,932,747; Oct. 31.
 Food mixer, Twin. A. A. Theodoropoulos. 1,902,678; Mar. 21.
 Food mixing, juice extracting and grinding apparatus. P. J. Fitzgerald. Des. 89,565; Apr. 4.
 Food package. J. W. Hawks. 1,908,841; May 16.
 Food package and preparing the same. A. Grande. 1,906,375; May 2.
 Food packet and manufacturing the same, Frozen. C. J. Nehf. 1,893,842; Jan. 10.
 Food preparation. P. Lindner. 1,925,765; Sept. 5.
 Food, Preparing and packing sea. J. Alsberg. 1,940,159; Dec. 19.
 Food, Preparing poultry. K. Yamamoto. 1,922,919; Aug. 15.
 Food, Producing a cattle. H. H. Moreton. 1,911,282; May 30.
 Food, Producing animal. C. Schlotterhose. 1,901,264; Mar. 14.
 Food product. P. E. Crane. 1,911,882; May 30.
 Food product. C. N. Frey. 1,897,251; Feb. 14.
 Food product and its manufacture. J. D. Sartakoff. 1,908,489; May 9.
 Food product and making same. D. A. Farrell. 1,925,376; Sept. 5.
 Food product and making the same. J. A. Finley and C. P. Wilson. 1,925,441; Sept. 5.
 Food product and making the same. E. J. Snider. 1,908,454; May 9.
 Food product and packaging the same, Liquid. D. K. Tressler and K. B. Norton. 1,896,529; Feb. 7.
 Food product and producing the same. D. Rasky. 1,892,902; Jan. 3.
 Food product, Edible. F. W. Gentleman and C. E. Terry. Des. 90,192; June 27.
 Food product, Preparing a. S. S. Lerner. 1,894,377; Jan. 17.
 Food product, Preparing supplemental. T. G. Dyer. 1,898,350; Feb. 21.
 Food products, Cooling perishable. S. J. Bennetter. 1,913,624; June 13.
 Food products from raw meat, Manufacture of dried. W. J. Abbott. 1,899,224; Feb. 28.
 Food products, Making. S. H. Perky. 1,923,684; Aug. 22.
 Food products, Manufacturing frozen. G. D. Turnbow. 1,940,194; Dec. 19.
 Food products, Preparation of. D. K. Tressler and W. T. Murray. 1,936,074; Nov. 21.
 Food products, Preserving perishable. S. F. Triplett and J. E. Beard. 1,940,337; Dec. 19.
 Food products, Quick freezing of. C. M. Davidson. 1,939,109; Dec. 12.
 Food products, Wrapping. M. O. Brennan. 1,913,828; June 13.
 Food slicer. C. Daum. 1,910,380; May 23.
 Food value of frozen comestibles, Increasing. E. D. Fear. 1,935,596; Nov. 14.
 Food warmer. L. Guild. Des. 90,947; Oct. 31.
 Foods, Apparatus for canning. G. S. Bobart. 1,911,879; May 30.
 Foods, Apparatus for conditioning. F. A. L. Bloom. 1,938,889; Dec. 12.
 Foods, Handling of. C. S. Hammersley. 1,909,672; May 16.
 Foods, Producing infants'. L. Rosenthal. 1,935,890; Nov. 21.
 Foodstuffs, Apparatus for treating. D. Robertson. 1,931,623; Oct. 24.
 Foodstuffs, Chilling and freezing. M. T. Zarotschenzeff. 1,894,813; Jan. 17.
 Foot and leg support for chiropodist's chairs. F. and F. Koenickramer. 1,936,942; Nov. 28.
 Foot arch support. A. Churchill and G. Haworth. 1,934,591; Nov. 7.
 Foot arch support. E. E. Dettelbach. 1,940,941; Dec. 26.
 Football. J. L. Buckner and J. C. Ward. 1,931,429; Oct. 17.
 Football, basket ball, and the like. M. Scudder. 1,898,600; Feb. 21.
 Football game. E. H. Sargent. 1,929,757; Oct. 10.
 Football line charging apparatus. B. F. Oakes. 1,916,385; July 4.
 Footballs, basket-balls or like inflatable balls, Apparatus for treating. Benjamin Koymer. 1,938,913; Dec. 12.
 Footbath. J. A. Klenle. 1,936,398; Nov. 21.
 Footboard for a bedstead or similar article. H. Rodstein and I. Nathanson. Des. 89,537-40; Mar. 21.
 Footboard for a bedstead or similar article. H. Rodstein and I. Nathanson. Des. 89,719; Apr. 25.
 Foot correction. E. M. Jones. 1,926,389; Sept. 12.
 Foot-exercising device. K. S. Hampel. 1,931,146; Oct. 17.
 Foot for stockings, Adjustable. R. B. Schindler. 1,936,038; Nov. 21.
 Foot for supporting legs and the like. J. Silverman. 1,893,910; Jan. 10.
 Foot holder. J. F. Roos. 1,918,350; July 18.
 Foot instep support. A. H. Kay. 1,924,792; Aug. 29.
 Foot measurer. H. E. Clarke. 1,926,581; Sept. 12.
 Foot measuring device. E. J. Bliss. 1,940,240; Dec. 19.
 Footplate for door frames. I. A. Baum. 1,905,124; Apr. 25.
 Foot preparing and delivering apparatus. H. R. Brand. 1,940,071; Dec. 19.
 Foot press. J. Jensen. 1,893,705; Jan. 10.
 Foot rail car heater. J. R. Holmes. 1,906,377; May 2.
 Foot rest. F. A. Alsen. 1,919,680; July 25.
 Foot rest. S. M. Child. 1,933,096; Oct. 31.
 Foot rest. H. P. Moss. 1,898,640; Feb. 21.
 Foot rest. H. H. Rabbes. 1,893,681; Jan. 10.
 Foot rest device. W. Moloney. 1,901,184; Mar. 14.
 Foot rests, Shoe booth. V. Marchisella. 1,900,653; Mar. 7.
 Foot support. A. Augusta. 1,938,617; Dec. 12.
 Footwear and making same. C. Ferrettie. 1,924,716; Aug. 29.
 Footwear and making same. J. E. Taber. 1,924,663; Aug. 29.
 Footwear and making the same. G. M. Ray. 1,937,716; Dec. 5.
 Footwear and making the same, Knitted. E. N. Joha. Re18,804; Apr. 25.
 Footwear, Apparatus for manufacturing. A. A. Glidden, T. M. Knowland and L. H. Burnham. 1,925,899; Sept. 5.
 Footwear area calculator. J. Siksta. 1,919,383; July 25.
 Footwear, Making. A. F. Bancroft. 1,905,786; Apr. 25.
 Footwear, Making. W. H. Bresnahan. 1,904,851; Apr. 18.
 Footwear, Producing pressed rubber. H. C. L. Dunker. 1,939,440; Dec. 12.
 Footwear, Rubber. E. A. Murphy. 1,907,856; May 9.
 Footwear, Sanitary and protective insert for. J. Herbert. 1,926,283; Sept. 12.
 Footwear welts, Fastening. A. Codish. 1,894,440; Jan. 17.
 Footwear with elastic, flexible, and aerated soles embodying rubber sponge. E. Meucci. 1,932,557; Oct. 31.
 Force feed lubricator. E. O. Corev. 1,897,791; Feb. 14.
 Force feed lubricator. E. L. Kaegebein. 1,920,566; Aug. 1.
 Force feed lubricator. D. Millington. 1,919,118; July 18.
 Force measuring apparatus. B. W. Sunde. 1,907,461; May 9.
 Force with which a baseball strikes a target, Indicating the. J. Cooper. 1,923,297; Aug. 22.
 Forceps, Artery. J. B. Bacon. 1,918,889; July 18.
 Forceps, Bipolar tonsil. M. G. Welch and W. C. Eldred. 1,908,201; May 9.
 Forceps, Distraction bone. J. J. S. Wassenaar. 1,920,821; Aug. 1.
 Forehearth for molten glass. V. Mulholland and A. R. Hunter. 1,900,361-2; Mar. 7.
 Forehearth for molten glass. K. E. Peiler. 1,893,060-1; Jan. 3.

- Forehearth for molten glass and controlling the temperature of the glass therein. K. M. Henry. 1,928,288; Sept. 26.
- Forehearth of glass melting furnaces. H. A. Wadman. 1,905,533; Apr. 25.
- Foreign matter from a traveling sheet of material, Apparatus for removing. W. E. Pettersen. 1,926,306; Sept. 12.
- Foreign substance, Determining the contents of a. B. D. Enlund. 1,893,700; Jan. 10.
- Forepolling, Apparatus for. W. Lauder. 1,932,279; Oct. 24.
- Forge. W. C. Elze. 1,904,427; Apr. 18.
- Forging die structure. C. L. Stevens. 1,936,339; Nov. 21.
- Forging hollow working implements. C. C. Sickels. 1,918,060; July 11.
- Forging machine. W. L. Clouse. 1,905,620; Apr. 25.
- Forging mechanism. A. A. Hentzell. 1,896,621; Feb. 7.
- Forgings, Apparatus for handling. W. E. Ehinger. 1,916,608; July 4.
- Forgings, Apparatus for manufacturing. E. Mernier. 1,916,432; July 4.
- Forgings, Heating. G. Spatta. 1,926,354; Sept. 12.
- Fork attachment for shovels and the like. T. M. Lofton. 1,935,510; Nov. 14.
- Fork, Cotton seed hull. M. Fletcher. 1,935,841; Nov. 21.
- Fork, Cutting. F. G. Reid. 1,914,528; June 20.
- Fork for globes, Grooved supporting. R. B. Lawton. 1,897,580; Feb. 14.
- Form, Adjustable concrete. J. N. Heltzel. 1,939,007; Dec. 12.
- Form and hose clamp therefor, Hosiery boarding. F. and G. Brand. 1,897,886; Feb. 14.
- Form, Changeable printing. C. Chisholm. 1,909,170; May 16.
- Form clamp. E. W. Dietrich. 1,925,689; Sept. 5.
- Form clamp. C. T. Walker. 1,940,278; Dec. 19.
- Form, Collapsible dress. S. Wolf. 1,905,202; Apr. 25.
- Form, Collapsible tire. H. D. Stevens. 1,903,202; Mar. 28.
- Form, Collapsible tire building. F. L. Johnson. 1,904,945; Apr. 18.
- Form, Concrete. H. J. Baker. 1,907,707; May 9.
- Form, Concrete. J. S. Frederick. 1,901,392; Mar. 14.
- Form, Concrete. E. T. P. Greenidge. 1,941,299; Dec. 26.
- Form, Concrete. J. N. Heltzel. 1,922,584; Aug. 15.
- Form, Concrete. J. S. Miller. 1,914,033; June 13.
- Form, Concrete. E. L. Soule. 1,898,319; Feb. 21.
- Form, Concrete. C. G. Weber. 1,936,531; Nov. 21.
- Form, Concrete culvert. C. F. Scott. 1,926,633; Sept. 12.
- Form construction, Concrete floor joist. H. Read. 1,900,301; Mar. 7.
- Form, Drying. P. Guggenheim. 1,913,542; June 13.
- Form, Drying. J. O. V. Stetten. 1,925,468; Sept. 5.
- Form for cables, Soldering. J. A. Ratta. 1,935,747; Nov. 21.
- Form for concrete columns. E. E. Hall. 1,936,666; Nov. 28.
- Form for drying hosiery and the like. J. W. Dennis. 1,906,553; May 2.
- Form for making aircraft fuselages. R. D. Weyerbacher. 1,940,830; Dec. 26.
- Form for manufacture of rubber articles and making same. B. H. Foster. 1,898,043; Feb. 21.
- Form for plastic materials. P. F. Pandolfi. 1,897,530; Feb. 14.
- Form for rubber articles. W. A. Gibbons. 1,906,569; May 2.
- Form for supporting hosiery for cutting float threads. H. E. Katzenmoyer. 1,939,352; Dec. 12.
- Form for tire building, Collapsible. F. L. Johnson. 1,898,667; Feb. 21.
- Form, Glove lining. E. B. Newton. 1,931,324; Oct. 17.
- Form, Hosiery drying. T. W. Prosser. 1,907,304; May 2.
- Form, Hosiery drying. T. W. Prosser and R. L. Mittelstadt. 1,907,305; May 2.
- Form, Insulated drying. J. O. V. Stetten. 1,892,851; Jan. 3.
- Form, Method and machine for rolling a seam-seating groove in a hosiery drying. T. W. Prosser. 1,914,525; June 20.
- Form, Necktie knot tying and retaining. A. D. P. Jouffray. 1,922,956; Aug. 15.
- Form, Printing. H. C. Osborn. 1,900,023; Mar. 7.
- Form puller. A. L. Detweiler. 1,907,048; May 2.
- Form, Road. H. H. Diehl. 1,911,146; May 23.
- Form, Road. A. S. Wolf. 1,936,740; Nov. 28.
- Form, Road paving. T. W. Dieckmann. 1,909,458; May 16.
- Form, Road paving. J. H. Mosel and F. J. Schwemler. 1,918,710; July 18.
- Form, Road rail. H. L. Hirschhorn. 1,916,796; July 4.
- Form, Shoe. W. J. De Witt. 1,902,120; Mar. 21.
- Form, Shoe. W. J. De Witt. 1,933,664; Nov. 7.
- Form, Shoe. B. F. Horsting. 1,922,367; Aug. 15.
- Form, Shoe. A. G. Legge. 1,917,041; July 4.
- Form, Sling. W. H. Ritenour. 1,935,668; Nov. 21.
- Form, Sock. S. J. Johnson. 1,924,933; Aug. 29.
- Form spader, Pavement. A. A. McCree. 1,934,550; Nov. 7.
- Form spreader and tie, Combined. S. C. Awbrey. 1,913,326; June 6.
- Form, Stocking drying and shaping. B. Simonides. 1,915,453; June 27.
- Form supporting device, Concrete. W. G. Copestake. 1,913,070; June 6.
- Form, Tie. H. J. Heltzman. 1,923,824; Aug. 22.
- Form tie for wall structures. L. H. Umbach. 1,935,218; Nov. 14.
- Form tie for wall structures. L. H. Umbach and W. K. Diack. 1,907,618; May 9.
- Form, Voice coil. B. A. Engholm. 1,923,924; Aug. 22.
- Forming and finishing mechanism, Combined. E. Scofield. 1,923,752; Aug. 22.
- Forming and threading machine. S. W. Mathias. 1,912,211; May 30.
- Forming apparatus. R. A. Shipley. 1,921,544; Aug. 8.
- Forming apparatus. J. N. Whitehouse. 1,924,340; Aug. 29.
- Forming mechanism for web presses. H. A. W. Wood. 1,893,816; Jan. 10.
- Forming metal containers. J. Coyle. 1,940,664; Dec. 26.
- Forming mill. J. Lucas. 1,922,380; Aug. 15.
- Forming press. E. Wiedmann. 1,922,513; Aug. 15.
- Forms, Apparatus for producing printing. E. S. Ballard. 1,918,627; July 18.
- Forms for green cement for piles, Method and apparatus for placing. A. E. Moe. 1,912,089; May 30.
- Forms into a typewriter, Automatically feeding printed. E. Z. Lewis. 1,938,703; Dec. 12.
- Formaldehyde and producing same, Permanently neutral. M. C. Dearing. 1,925,795; Sept. 5.
- Formaldehyde bisulphite amino-aryl antimony arsenic compound, Water-soluble. H. Schmidt. 1,934,010; Nov. 7.
- Formaldehyde-bisulphite amino-aryl antimony-arsenic compounds, Water soluble. H. Schmidt. 1,934,012; Nov. 7.
- Formaldehyde by the oxidation of methyl alcohol with the aid of a catalyst, Preparing. V. E. Meharg and H. Adkins. 1,913,404; June 13.
- Formaldehyde condensation products, Manufacture of phenol. A. Ostersetzer and F. Riesenfeld. 1,892,848; Jan. 3.
- Formaldehyde from methane, Manufacture. P. Nashan. 1,909,215; May 16.
- Formaldehyde solutions, Concentration of. H. A. Bond. 1,905,035; Apr. 25.
- Formaldehyde synthesis and catalyst. V. E. Meharg and H. Adkins. 1,913,405; June 13.
- Formamid, Vaporization of. B. S. Lacy. 1,934,433; Nov. 7.
- Formamide, Treatment of. P. J. Carlisle. 1,934,485; Nov. 7.
- Formation of characters for the stamping of bodies intended to be hardened by heat treatment. H. Styri. 1,932,357; Oct. 24.
- Formations encountered in wells, Method and apparatus for testing the productivity of. J. T. Simmons. 1,930,987; Oct. 17.
- Formula for denaturing alcohol. W. C. Martin. 1,914,519; June 20.
- Foul smelling and sulphur compounds, Removing. J. H. Hirt. 1,910,288; May 23.
- Foundation columns, Method and apparatus for forming. C. L. Powell. 1,904,079; Apr. 18.
- Foundation construction. W. J. Newman. 1,907,654; May 9.
- Foundation for animal head and body. B. Cohen. 1,900,487; Mar. 7.
- Foundation gauge. B. S. Souders. 1,897,682; Feb. 14.
- Foundation sheets for building construction, Metallic. B. E. Rockhoff. 1,933,221; Oct. 31.
- Foundation, Sinking. D. E. Moran. 1,907,854; May 9.
- Foundry equipment. F. T. Spikerman and E. F. Oyster. 1,929,538; Oct. 10.
- Foundry molds, Manufacture of. J. B. Durand. 1,918,089; July 11.
- Foundry plant. M. K. Douglas. 1,941,434; Dec. 26.
- Foundry practice. C. M. Saeger, jr. 1,914,532; June 20.
- Fount and feeder, Chick. H. J. Barker. 1,922,612; Aug. 15.
- Fountain: See—
- | | |
|----------------------------|-----------------------------------|
| Drinking fountain. | Shipping and dispensing fountain. |
| Musical fountain. | fountain. |
| Poultry drinking fountain. | Soda water fountain. |
| Poultry fountain. | Vacuum fountain. |
| Rotary fountain. | |
- Fountain cleaning instrument. C. S. Olson. 1,906,485; May 2.
- Fountain construction, Soda. L. W. Schoenfeld. 1,910,262; May 23.
- Fountain divider, Articulated. R. R. Page. 1,893,148; Jan. 3.
- Fountain for poultry, Drinking. H. C. Karst. 1,903,767; Apr. 18.
- Fountain structure. H. A. Brink. 1,903,974; Apr. 18.
- 4-brom-diethylacetyl amino-1-phenyl-2, 3-dimethyl-5-pyrazolone and preparing the same. B. Reuter. 1,906,200; Apr. 25.
- Four-electrode tube. H. J. Round. 1,931,630; Oct. 24.
- Four-electrode valve. H. J. Round. 1,894,599; Jan. 17.
- 4,5,8,9-dibenzopyrene-3,10-quinones and preparing them, Halogenated. G. Kraenzlein, H. Vollmann, and H. Becker. 1,935,720; Nov. 21.
- Four-way valve. C. D. Shimerda. 1,938,869; Dec. 12.
- Four-wheel brake. J. Sneed. 1,899,644; Feb. 28.
- Fourdrinier machine. C. H. Jaffe and F. Beeser. 1,909,106; May 16.
- Fourdrinier paper machine. R. G. Germanson. 1,928,286; Sept. 26.
- Fowl plucker. A. Simons. 1,939,469; Dec. 12.
- Foxing cementing machine. F. D. Kinney. 1,912,526; June 6.

- Foxing treating machine. S. J. Finn. 1,927,064; Sept. 19.
- Fractional distillation, Apparatus for. H. F. Huff. 1,937,958; Dec. 5.
- Fractionating apparatus. G. W. Gray and B. E. Hull. 1,939,392; Dec. 12.
- Fractionating apparatus. F. W. Hall. 1,935,709; Nov. 21.
- Fractionating column, Analytical. W. J. Podbielniak. 1,917,272; July 11.
- Fractionating method. O. Behlmer. 1,910,587; May 23.
- Fractionating method. J. Primrose. 1,893,907; Jan. 10.
- Fractionating process and apparatus. D. E. Stines. 1,934,101; Nov. 7.
- Fractionation. A. Kremser. 1,928,225; Sept. 26.
- Fractionation. W. M. Stratford. 1,927,652; Sept. 19.
- Fractionation by multiple absorption. R. A. Halloran, A. Kremser, and A. J. L. Hutchinson. 1,915,781; June 27.
- Fracture frame, Adjustable. E. D. McBride. 1,917,661; July 11.
- Fragile objects to machines, Mechanism for feeding. H. M. Smitt. 1,922,717; Aug. 15.
- Frame; See—
- Adjustable fracture frame.
 - Adjustable frame.
 - Advertising frame.
 - Automobile frame.
 - Automobile turn frame.
 - Awning frame.
 - Bag frame.
 - Ball spinning and twisting frame.
 - Box picture frame.
 - Box spring frame.
 - Building frame.
 - Car side frame.
 - Chair frame.
 - Cop winding frame.
 - Crane frame.
 - Display frame.
 - Drawing in frame.
 - Embroidery frame.
 - Eyeglass frame.
 - Fabricated frame.
 - Flat hosiery frame.
 - Fur stretching frame.
 - Gill drawing.
 - Grate frame.
 - Hosiery frame.
 - License frame.
 - Mixer frame.
 - Negative frame.
 - Ophthalmic test frame.
 - Picture frame.
 - Pocketbook frame.
 - Slide frame.
 - Spectacle frame.
 - Quilting frame.
 - Receptacle frame.
 - Roving frame.
 - Saw frame.
 - Screen frame.
 - Sewing machine frame.
 - Sign frame.
 - Spinning and twister frame.
 - Spinning frame.
 - Stretching frame.
 - Truck side frame.
 - Tube frame.
 - Vehicle frame.
 - Warping frame.
 - Winding frame.
 - Window box frame.
 - Window frame.
- Frame. H. H. Lehere. 1,904,318; Apr. 18.
- Frame. H. Lilja. 1,926,909; Sept. 12.
- Frame. H. G. Mutschler. 1,895,938; Jan. 31.
- Frame. J. Schoenfeld. 1,931,511; Oct. 24.
- Frame. W. J. Simanek. 1,901,991; Mar. 21.
- Frame and connecting parts for tetrahedral kites. L. J. Fishel. 1,937,880; Dec. 5.
- Frame and door. W. Jones. 1,927,037; Sept. 19.
- Frame and sash construction, Window. S. Madsen. 1,906,475; May 2.
- Frame blank, Printing device. V. J. Mohler. 1,900,296; Mar. 7.
- Frame body for trailers, Drop. W. S. Tatum. 1,900,778; Mar. 7.
- Frame building. C. Watkins. 1,929,226; Oct. 3.
- Frame, Centrifugal separator. V. J. Gilmore. Des. 90,365; July 25.
- Frame construction. W. C. Rastetter. 1,926,817; Sept. 12.
- Frame construction, Shade. V. B. Watral and B. V. Kolenik. 1,899,429; Feb. 28.
- Frame cross-tie and apparatus supporting structure for locomotives. J. G. Blunt. 1,916,201; July 4.
- Frame for a power unit. D. Heyer. Des. 89,507; Mar. 21.
- Frame for bicycles or motorcycles. A. Glaser. 1,907,645; May 9.
- Frame for building openings. C. P. Gifford. 1,929,633-4; Oct. 10.
- Frame for cigarette packages. A. Jacobsen. 1,920,864; Aug. 1.
- Frame for displaying advertising cards. F. D. Walstrom. 1,894,803; Jan. 17.
- Frame for eyeglasses of the pince-nez type. J. Gaspari. 1,935,224; Nov. 14.
- Frame for hand bags. J. Zeichner and J. Gura. 1,936,703; Nov. 28.
- Frame for number plates and the like. A. G. Goldberg. 1,927,564; Sept. 19.
- Frame for refrigerator doors. K. J. Durant and C. F. Hildring. 1,920,007; July 25.
- Frame for Röntgen ray apparatus, Supporting. E. Pohl. 1,897,177; Feb. 14.
- Frame for screens, Metal. L. F. Julien. 1,938,429; Dec. 5.
- Frame for table and seat units, Collapsible supporting. I. Macdonald. 1,910,704; May 23.
- Frame for transits and similar instruments. W. L. Egly, C. I. Day, and C. E. Smart. 1,923,193; Aug. 22.
- Frame for typewriting machines. J. H. Rand, jr., and J. A. Zellers. Des. 89,411; Mar. 7.
- Frame for winding mechanism, Supporting. R. Lavandera. 1,902,370; Mar. 21.
- Frame, Grading. B. Franklin, jr. 1,918,842; July 18.
- Frame member, Cross. R. H. Maddock. 1,928,942; Oct. 3.
- Frame member for toilet articles, Reinforcing. J. S. Wilcox. 1,897,354; Feb. 14.
- Frame or stock for pipe cutters and like tools. W. O. Thewes. 1,896,127; Feb. 7.
- Frame provided with easel-stand. H. Schutz. 1,904,088; Apr. 18.
- Frame rings, Making. H. L. Mueller. 1,931,153; Oct. 17.
- Frame spacer for bee hives. C. E. Phillips. 1,929,648; Oct. 10.
- Framework for air filters. H. W. Collins. 1,898,424; Feb. 21.
- Frames, Making cycle. H. L. Kraeft. 1,914,810; June 20.
- Frames, Making furnace door. L. R. McAfoos. 1,935,853; Nov. 21.
- Frames, Method of and apparatus for manufacturing tuft yarns. C. Alvord. Re.18,903; July 25.
- Framing plate holder for motion picture projectors. L. A. Holman. 1,897,477; Feb. 14.
- Frangible joint. J. W. Heeter. 1,917,939; July 11.
- Frankfurters or sausage links while being smoked or cured, Device for supporting. F. M. Golon, A. Morawski and A. Krason. 1,912,633; June 6.
- Fraud preventive device. H. J. Halsted and N. R. Briggs. 1,905,935; Apr. 25.
- Frazing tool. J. H. Wilhelm. 1,916,874; July 4.
- Free-wheel and roll-on-lift, Combination. F. W. Perry. 1,911,204; May 30.
- Free-wheel coupling. H. H. V. Stanley and G. F. Clark. 1,900,957; Mar. 14.
- Free-wheeling attachment. J. Dorst and P. Bachhuber. 1,902,623; Mar. 21.
- Free-wheeling device. C. F. Pilcher. 1,920,712; Aug. 1.
- Free wheeling mechanism, Automatic. H. D. Lester. 1,940,357; Dec. 19.
- Free-wheeling unit. C. A. Ruesenberg and W. F. Hughes. 1,936,884; Nov. 28.
- Freezer, Counter confection. E. E. Lindsey. Des. 89,773; May 2.
- Freezer, Ice cream. T. J. Fegley and G. O. Leopold. 1,915,220; June 20.
- Freezer, Ice-cream. L. A. Lindsey. 1,936,723; Nov. 28.
- Freezer, Ice-cream. R. E. Ramsay. 1,934,276; Nov. 7.
- Freezer, Ice cream. S. Sheriff and H. J. Hitzfeldt. 1,922,784; Aug. 15.
- Freezer, Ice cream. S. A. Wilson. 1,903,652; Aug. 11.
- Freezing device and process, Sharp. A. Giger. 1,932,887; Oct. 31.
- Freezing, Method and apparatus for speed. J. C. Goosmann. 1,933,257; Oct. 31.
- Freezing preventing means for liquid containers. D. P. Cartwright. 1,916,033; June 27.
- Freezing process and apparatus therefor, Deaerating. R. V. Grayson. 1,938,522; Dec. 5.
- Freezing, Quick. C. Marx. 1,907,649; May 9.
- Freezing, Quick. F. H. Patterson. 1,905,602; Apr. 25.
- Freezing system, Quick. R. V. Grayson and E. G. Ballenger. 1,924,988; Aug. 29.
- Freezing unit for household refrigerators. L. G. Knapp. 1,932,184; Oct. 24.
- Freight and apparatus therefor, Handling. C. White. 1,934,289; Nov. 7.
- Freight, Apparatus for transferring. B. F. Fitch. 1,894,950-1; Jan. 24.
- Freight car container. G. C. Woodruff. 1,923,604; Aug. 22.
- Freight car hand brake. A. A. Smallwood. 1,895,823; Jan. 31.
- Freight, Handling and transporting. K. E. Canfield. 1,921,605; Aug. 8.
- Freight, System and apparatus for handling. B. F. Fitch. Re.18,762; Feb. 28.
- Freight transportation. J. C. Bonner. 1,926,427; Sept. 12.
- Frequency adjusting apparatus. L. A. Gebhard and C. F. Rudolph. 1,910,007; May 23.
- Frequency analyzer, Electrical. T. M. Berry and M. S. Mead, jr. 1,933,306; Oct. 31.
- Frequency and phase indicating system. A. Crossley. 1,916,782; July 4.
- Frequency changer. L. Levy. 1,899,622; Feb. 28.
- Frequency changer. L. S. Uphoff. 1,934,390; Nov. 7.
- Frequency changer system. E. T. Burton. 1,917,921; July 11.
- Frequency changing system. C. Ehrensperger. 1,934,227; Nov. 7.
- Frequency changing system. J. Jonas. 1,935,227; Nov. 14.
- Frequency changing system. H. Meyer-Dellus. 1,913,338; June 6.
- Frequency changing system. S. Widmer and C. Ehrensperger. 1,934,219; Nov. 7.
- Frequency changing system, Arcing. J. Jonas. 1,934,230; Nov. 7.
- Frequency changing system for radio transmitters. L. A. Gebhard and C. F. Rudolph. 1,896,163; Feb. 7.
- Frequency control apparatus. E. R. Hentschel. 1,904,140; Apr. 18.
- Frequency control apparatus. H. E. Warren. 1,938,411; Dec. 5.
- Frequency control device. D. G. Little. 1,907,986; May 9.
- Frequency control system. J. H. Bollman. 1,934,400; Nov. 7.
- Frequency control system. W. A. Marrison. 1,931,873; Oct. 24.
- Frequency control system for electric welders. J. V. Caputo. 1,933,045; Oct. 31.

- Frequency determining means. W. Runge. 1,917,395; July 11.
- Frequency divider. W. F. Curtis. 1,933,970; Nov. 7.
- Frequency division system. R. M. Page and W. F. Curtis. 1,919,251; July 25.
- Frequency generating system, Ultra-high. A. B. Du Mont. 1,915,356; June 27.
- Frequency measurement. W. A. Marrison. 1,936,683; Nov. 28.
- Frequency-measuring system. R. K. Potter. 1,934,879; Nov. 14.
- Frequency modulation. R. B. Dome. 1,917,102; July 4.
- Frequency modulation. W. V. B. Roberts. 1,917,394; July 11.
- Frequency multiplier. F. Gerth. 1,920,194; Aug. 1.
- Frequency producer. Subharmonic. W. A. Marrison. 1,919,795; July 25.
- Frequency receiving system, Multiple. C. B. Mirick. 1,917,268; July 11.
- Frequency regulating system. H. E. Warren. 1,906,439; May 2.
- Frequency selection, Aperiodic. C. W. Hansell. 1,926,097; Sept. 12.
- Frequency standard. W. A. Marrison. 1,935,325; Nov. 14.
- Frequency system, Precision. E. H. Greibach. 1,909,193; May 16.
- Frequency transformation system. H. M. Lewis. 1,898,366; Feb. 21.
- Frequency translating device. W. H. T. Holden. 1,932,589; Oct. 31.
- Friction block. W. A. Blume. 1,935,348; Nov. 14.
- Friction block. J. S. Thompson. 1,919,967; July 25.
- Friction brake. W. A. Blume. 1,907,433-4; May 9.
- Friction brake. W. A. Blume. 1,919,974; July 25.
- Friction brake. W. A. Blume. 1,924,345; Aug. 29.
- Friction brake. W. A. Blume. 1,927,012; Sept. 19.
- Friction brake. T. F. Brackett. 1,907,490; May 9.
- Friction brake. H. A. Gillies. 1,920,010; July 25.
- Friction brake. G. W. Kuenneth. 1,934,720; Nov. 14.
- Friction closed container. W. F. Punte. 1,941,049-50; Dec. 26.
- Friction clutch. C. M. Anglemeyer. 1,895,600; Jan. 31.
- Friction clutch. W. F. Hughes. 1,923,438; Aug. 22.
- Friction clutch. W. F. Hughes. 1,937,083; Nov. 28.
- Friction clutch. F. Ljungstrom. 1,929,503; Oct. 10.
- Friction clutch. W. F. Ocenasek. 1,930,319; Oct. 10.
- Friction clutch. C. A. Ruesenberg. 1,936,029; Nov. 21.
- Friction clutch. C. A. Ruesenberg. 1,936,031-2; Nov. 21.
- Friction clutch. F. O. Snow, jr. 1,935,581; Nov. 14.
- Friction clutch. E. V. J. Tower. 1,922,645; Aug. 15.
- Friction clutch, Automatic. A. Bolton. 1,922,350; Aug. 15.
- Friction clutch, Automatic. O. La Londa. 1,930,172; Oct. 10.
- Friction clutch block. W. A. Blume. 1,919,998; July 25.
- Friction clutch, Reversible. E. M. Pfauser. 1,936,640; Nov. 28.
- Friction controlled spring. I. E. Sigveland. 1,935,768; Nov. 7.
- Friction draft gear. H. A. Herndon. 1,935,879; Nov. 21.
- Friction draft gear. H. A. Herndon. 1,939,303; Dec. 12.
- Friction draft gear. C. J. Holland. 1,918,646; July 18.
- Friction element. W. A. Blume. 1,924,021; Aug. 22.
- Friction element. C. De Lukacsevic. 1,899,239; Feb. 28.
- Friction gripping device. C. L. C. Magee and B. S. and R. S. Pfeiffer. 1,922,054; Aug. 15.
- Friction hinge. L. E. Heasley. 1,922,365; Aug. 15.
- Friction material. A. Bluhm. Re18,865; June 13.
- Friction material. R. J. Norton. 1,926,699; Sept. 12.
- Friction material. R. L. R. Wild. 1,898,025; Feb. 21.
- Friction material and making the same. M. Shoeld. 1,941,280; Dec. 26.
- Friction reduction or vernier drive mechanism. H. De Jur. 1,928,310; Sept. 26.
- Friction spring. L. E. Endsley. 1,938,099; Dec. 5.
- Friction surfaces. R. J. Norton. 1,902,576; Mar. 21.
- Frictional lining extruding apparatus and method. K. Pfeiffer. 1,918,127; July 11.
- Friedel crafts and similar condensation reactions with non-aromatic compounds, Carrying out. H. Mark, M. Dunkel, and E. Roell. 1,899,582; Feb. 28.
- Fringe. G. J. Underwood. 1,899,219; Feb. 28.
- Front end lift and support for semitrailer vehicles. H. L. Rogers. 1,929,756; Oct. 10.
- Front for a radiator unit, Making an auxiliary. F. B. Herz. 1,899,617; Feb. 28.
- Front for place of amusement. H. F. Maynes. 1,906,762; May 2.
- Front-wheel brake. C. Myers. 1,934,441; Nov. 7.
- Frost control machine. Chauncey S. Reid. 1,905,502; Apr. 25.
- Frost damage to vegetation, Apparatus for preventing. C. W. Towt. 1,903,615; Apr. 11.
- Frost eliminator for vehicles. H. Paquette. 1,902,888; Mar. 28.
- Frosting or condensation of moisture on glass or other surfaces, Preventing. D. R. Lauderback. 1,934,133; Nov. 7.
- Frosting or condensation of moisture on glass or other surfaces, Preventing. F. J. Stollsteimer. 1,894,205; Jan. 10.
- Froth braking apparatus. J. H. Bradford. 1,906,526; May 2.
- Froth breaking. R. C. M. P. F. Boutet. 1,921,725; Aug. 8.
- Froth flotation and material employed to effect the same. O. D. Cunningham. 1,902,839; Mar. 28.
- Froth flotation process. O. D. Cunningham. 1,925,750; Sept. 5.
- Froth, Process and apparatus for the mechanical production of. E. Schröder and J. A. S. van Deurs. 1,927,376; Sept. 19.
- Fruit and the like, Packing. A. E. Rice. 1,895,430; Jan. 24.
- Fruit and vegetable assorting apparatus. A. D. Edgar. 1,923,713; Aug. 22.
- Fruit and vegetable container. D. T. Usher. 1,903,647; Apr. 11.
- Fruit, Apparatus for pitting. N. A. Curtiss. 1,924,678; Aug. 29.
- Fruit, Apparatus for treating. E. M. Brogden. 1,925,992; Sept. 5.
- Fruit, Apparatus for treating. F. C. Neet. 1,925,989; Sept. 5.
- Fruit bisecting machine. J. P. Bem. 1,932,541; Oct. 31.
- Fruit cleaning machine. G. E. Goodwin. 1,923,722; Aug. 22.
- Fruit cutting and juice extracting machine. E. Nordstrom. 1,922,818; Aug. 15.
- Fruit cutting machine. A. P. Barnes. 1,924,392; Aug. 29.
- Fruit cutting machine. T. Tachi. 1,903,854; Apr. 18.
- Fruit drier. W. J. Tobey. 1,912,414; June 6.
- Fruit dumper. C. and J. G. Griffith. 1,917,709; July 11.
- Fruit facing apparatus. J. W. Trew. 1,892,818; Jan. 3.
- Fruit flavoring material, Dry natural. H. E. Allen. 1,915,911; June 27.
- Fruit for market, Apparatus for preparing fresh. D. C. Morris and L. O. Cockrill. 1,932,827; Oct. 31.
- Fruit for market, Preparation of fresh. E. M. Brogden and M. L. Trowbridge. 1,899,606; Feb. 28.
- Fruit for market, Preparation of fresh. E. M. Brogden and M. L. Trowbridge. 1,903,283; Apr. 4.
- Fruit for the market, Treating. R. D. McDill. 1,900,295; Mar. 7.
- Fruit, Forming the top layer of packed. E. Bernfus. 1,895,877; Jan. 31.
- Fruit gripping and cutting mechanism, Automatic. G. C. Gum. 1,941,347; Dec. 26.
- Fruit halving and quartering machine. H. Nelson. 1,921,633; Aug. 8.
- Fruit halving machine. J. P. Bem. 1,918,830; July 18.
- Fruit handling equipment. A. D. Hagopian. 1,897,901; Feb. 14.
- Fruit holder. A. P. Barnes. 1,919,765; July 25.
- Fruit in preparation for market, Apparatus for treating fresh. E. M. Brogden. 1,931,463; Oct. 17.
- Fruit jar holder. R. G. Rogers. 1,906,887; May 2.
- Fruit jar holder. F. Sabatine. 1,929,334; Oct. 3.
- Fruit juice extracting apparatus. J. L. Maull. 1,925,196; Sept. 5.
- Fruit juice extractor. O. M. Anderson. Des. 89,942; May 23.
- Fruit juice extractor. J. H. Ashley. 1,908,807; May 16.
- Fruit juice extractor. C. E. Elliott and L. O. Nichols. Re18,778; Mar. 28.
- Fruit juice extractor. C. E. Elliott and L. O. Nichols. 1,933,621; Nov. 7.
- Fruit juice extractor. P. S. Freese. 1,906,054; Apr. 25.
- Fruit juice extractor. H. Fromm. 1,894,858; Jan. 17.
- Fruit juice extractor. A. C. Gilbert. 1,914,888; June 20.
- Fruit juice extractor. W. Kazolian. 1,933,738; Nov. 7.
- Fruit juice extractor. J. L. Maull. 1,922,773; Aug. 15.
- Fruit juice extractor. E. Nielsen. 1,911,202; May 30.
- Fruit juice extractor. J. H. Roberts. 1,938,463; Dec. 5.
- Fruit juicer. J. M. Majewski. Des. 90,079; June 6.
- Fruit juicer. S. H. A. Young. Des. 89,232; Feb. 7.
- Fruit juices. Device for extracting. F. Metzger. 1,898,588; Feb. 21.
- Fruit juices, Producing nonalcoholic. H. Schicht. 1,913,294; June 6.
- Fruit juices, Treating. P. C. Petersen. 1,940,013; Dec. 19.
- Fruit marking machine. P. E. Tarlton. 1,926,356; Sept. 12.
- Fruit, Method and apparatus for cleaning. C. B. Ballard. 1,911,102; May 23.
- Fruit, Packing. S. H. Sheller. 1,924,053; Aug. 22.
- Fruit packing device. A. C. Booth. 1,927,698; Sept. 19.
- Fruit peeler. C. Kruse. 1,896,318; Feb. 7.
- Fruit, Peeling. F. E. Chapman. 1,910,749; May 23.
- Fruit picker. C. R. Fisher. 1,895,155; Jan. 24.
- Fruit pitter. J. P. Bem. 1,923,475; Aug. 22.
- Fruit pitter and corer. J. P. Bem. 1,926,965; Sept. 12.
- Fruit pitting machine. J. P. Bem. 1,923,474; Aug. 22.
- Fruit pitting machine. A. Gotelli. 1,899,863; Feb. 28.
- Fruit pitting machine. F. Robbins. 1,901,042; Mar. 14.
- Fruit pitting machine. A. L. Rose. 1,939,923; Dec. 19.
- Fruit press. A. H. Haffey. 1,911,687; May 30.
- Fruit press. T. Hawkins. 1,915,187; June 20.
- Fruit, Process and apparatus for cleaning. H. A. Mulvany and H. E. Kennedy. 1,916,633; July 4.
- Fruit sizing apparatus. W. H. Price. 1,927,217; Sept. 19.
- Fruit sizing machine. K. G. Haseltine. 1,913,804; June 13.
- Fruit sorting apparatus. R. Morris. 1,928,185; Sept. 26.

- Fruit, Treating. R. B. Harvey. 1,909,860; May 16.
 Fruit treating machine, Citrus. T. D. McCall. 1,920,095; July 25.
 Fruit washing machine. F. B. Roberts and W. G. Huntington. 1,925,605; Sept. 5.
 Fruit treating mechanism. E. A. White. 1,931,565; Oct. 24.
 Fruits and vegetables, Coloring. J. R. Winston, R. C. Wright and J. F. Wootten. 1,920,540; Aug. 1.
 Fruits and vegetables, Drying and preserving process for. A. H. McComb. 1,929,437; Oct. 10.
 Fruits, Apparatus for handling fresh. E. M. Brogden. 1,924,078; Aug. 22.
 Fruits, Apparatus for treating and peeling. W. A. Kingsbury. 1,916,269; July 4.
 Fruits, Apparatus for washing. R. R. Kennedy. 1,901,455; Mar. 14.
 Frying and cooking apparatus. W. L. Goodman. 1,922,035; Aug. 15.
 Frying apparatus. J. L. Shroyer. 1,931,120; Oct. 17.
 Fuel. G. Jones and A. F. York. 1,934,860; Nov. 14.
 Fuel and air to internal-combustion engines for highly volatile fuel, Mechanism for controlling the admission of. K. J. E. Hesselman. 1,931,541; Oct. 24.
 Fuel and making the same, Solid. L. Wygodsky. 1,895,955-6; Jan. 31.
 Fuel and producing it, Prepared. B. F. J. Odell. 1,902,886; Mar. 28.
 Fuel and producing same, Artificial. E. T. Brown. 1,926,578; Sept. 12.
 Fuel and producing same, Carbonaceous. A. Fisher. 1,916,306; July 4.
 Fuel and the like, Production of motor. E. E. Reid. 1,912,009; May 30.
 Fuel and the manufacture thereof. L. Kern. 1,899,811; Feb. 28.
 Fuel, Antiknock. F. E. L. Busch. 1,903,255; Mar. 28.
 Fuel, Apparatus for burning. W. H. Pascoe. 1,917,392; July 11.
 Fuel, Apparatus for burning liquid. A. Marsden. 1,928,839; Oct. 3.
 Fuel, Apparatus for burning liquid. J. H. McIlvaine. 1,897,318; Feb. 14.
 Fuel, Apparatus for feeding pulverized. H. Hardinge. 1,914,828; June 20.
 Fuel, Apparatus for preparing and conveying pulverized. H. Hardinge. 1,933,111; Oct. 31.
 Fuel, Apparatus for the distillation of solid carbonizable. H. Nielsen. 1,908,651; May 9.
 Fuel, Apparatus for vaporizing liquid. A. H. Masters. 1,939,270; Dec. 12.
 Fuel box. H. Vierege. 1,915,173; June 20.
 Fuel briquette. M. E. McCarron. 1,914,271; June 13.
 Fuel briquette, Producing a carbonized. L. M. Johnston. 1,903,237; Mar. 28.
 Fuel briquettes hard and smokeless, Rendering. H. F. Maurel. 1,908,910; May 16.
 Fuel briquettes, Making carbonized. H. O. Loebell. 1,912,002; May 30.
 Fuel briquettes, Producing. W. E. Trent. 1,929,860; Oct. 10.
 Fuel burner. R. H. Forney. 1,902,225; Mar. 21.
 Fuel burner. R. H. Forney. 1,924,400; Aug. 29.
 Fuel burner. J. M. Weil and L. Wilson. 1,921,059; Aug. 8.
 Fuel, Burning. J. W. Fuller. 1,904,128; Apr. 18.
 Fuel-burning device. L. I. Aldrich. 1,935,221; Nov. 14.
 Fuel burning furnace. H. C. Heaton. 1,929,424; Oct. 10.
 Fuel by low-temperature carbonization, Improving the properties of solid. L. C. Karrick. 1,906,755; May 2.
 Fuel by means of impulses, System of feeding. E. A. Rockwell. 1,907,672; May 9.
 Fuel, Carbonizing solid bituminous. J. A. Perry. 1,917,196; July 4.
 Fuel, Carbonizing solid carbonizable. W. E. Trent. 1,932,296; Oct. 24.
 Fuel combustion, apparatus, Pulverized. W. A. White. 1,913,577; June 13.
 Fuel combustion, Liquid. H. Meachem. 1,893,902; Jan. 10.
 Fuel component to internal combustion engines, Supplying the. A. Moore. 1,926,010; Sept. 5.
 Fuel composition and producing the same. B. C. Hennen. 1,925,048; Aug. 29.
 Fuel consumption indicator. A. J. Glick. 1,914,946; June 20.
 Fuel consumption indicator, Liquid. C. C. Brown. 1,916,555; July 4.
 Fuel control apparatus for automobiles. A. M. Malluk and F. W. Allen. 1,900,245; Mar. 7.
 Fuel control for boilers, Automatic. R. S. Rodie. 1,899,424; Feb. 28.
 Fuel control for furnaces, Balanced. W. G. Hartwig. 1,918,265; July 18.
 Fuel control for internal combustion engines. M. R. Hutchison. 1,910,835; May 23.
 Fuel control means, Automatic means for the delayed actuation of. H. Meachem. 1,930,902; Oct. 17.
 Fuel control mechanism. W. C. Lindemann and A. T. Schmidt. 1,937,522; Dec. 5.
 Fuel control mechanism. W. C. Lindemann and A. T. Schmidt. 1,939,069; Dec. 12.
 Fuel control system for oil engines. E. Rathbun. 1,906,334; May 2.
 Fuel control valve. F. E. Harris. 1,909,673; May 16.
 Fuel controller, Automatic. G. A. Robertshaw. 1,892,810; Jan. 3.
 Fuel controller, Fluid. C. D. Stewart. 1,920,440; Aug. 1.
 Fuel controlling mechanism for internal combustion engines. A. L. Stamsvik. 1,898,602; Feb. 21.
 Fuel delivery system for internal combustion engines. E. R. Godward. 1,896,401; Feb. 7.
 Fuel directing means for use with gas burners. J. J. Kilpatrick. 1,939,058; Dec. 12.
 Fuel discharge means for rotary oil burners. O. Thiel. 1,937,800; Dec. 5.
 Fuel distilling apparatus, Solid. L. Chavanne. 1,924,980; Aug. 29.
 Fuel distributor. F. C. Pickard. 1,936,142; Nov. 21.
 Fuel economizer. B. Dick. 1,893,072; Jan. 3.
 Fuel enriching means. C. F. Johnson. 1,923,868; Aug. 22.
 Fuel feed control for oil burners. L. F. Spear. 1,921,105; Aug. 8.
 Fuel feed mechanism. H. T. Thomas. 1,901,835; Mar. 14.
 Fuel feed system. C. H. Teesdale. 1,914,541; June 20.
 Fuel feed system, Electric. P. S. Tice. 1,935,924; Nov. 21.
 Fuel feeder, Pulverized. C. M. Buck. 1,893,857; Jan. 10.
 Fuel feeding device, Liquid. A. Klotzman. 1,897,432; Feb. 14.
 Fuel feeding means. M. Kahr. 1,900,385; Mar. 7.
 Fuel feeding means for internal combustion engines. M. G. Chandler. 1,925,173; Sept. 5.
 Fuel-feeding mechanism for burners. W. Olsen. 1,935,410; Nov. 14.
 Fuel feeding mechanism for mechanical stokers. G. Auer, jr. 1,941,197; Dec. 26.
 Fuel feeding system for Otto engines. R. E. Bruckner. 1,897,967; Feb. 14.
 Fuel feeding tank. H. A. Stukes. Des. 89,598; Apr. 11.
 Fuel for internal-combustion engines. G. Alleman. 1,940,439; Dec. 19.
 Fuel for internal combustion engines, Powdered. R. Pawlikowski. 1,926,304; Sept. 12.
 Fuel, Forming a. F. E. Kern. 1,913,121; June 6.
 Fuel gas. F. Winkler. 1,913,968; June 13.
 Fuel, Gaseous. L. de Florez. 1,936,155-6; Nov. 21.
 Fuel gases, Treatment of. D. L. Jacobson and W. L. Shively. 1,932,525; Oct. 31.
 Fuel heater. E. M. Dunner. 1,925,032; Aug. 29.
 Fuel-heating catalyzing burner. E. L. Rathburn. 1,906,335; May 2.
 Fuel igniting means and method. W. C. Dehn. 1,922,667; Aug. 15.
 Fuel in internal-combustion engines, Means to facilitate the distribution of. J. F. Kitchen. 1,931,729; Oct. 24.
 Fuel in internal combustion engines, Method of and apparatus for preparing and using. L. O. French. 1,928,754; Oct. 3.
 Fuel injecting device. A. Ratellier-Parchet. 1,940,510; Dec. 19.
 Fuel injection apparatus. M. G. Fiedler. 1,940,298; Dec. 19.
 Fuel injection apparatus. E. T. Vincent. 1,939,869; Dec. 19.
 Fuel injection device for internal combustion engines. H. E. Dinner. 1,918,324; July 18.
 Fuel injection device for internal combustion engines. H. Junkers. 1,901,814; Mar. 14.
 Fuel injection device for internal combustion engines. O. Simmen. 1,919,601; July 25.
 Fuel injection device for liquid fuel injection internal combustion engines. E. Schaeren. 1,909,014; May 16.
 Fuel injection for internal combustion engines. K. J. E. Hesselman. 1,912,367; June 6.
 Fuel injection mechanism. L. M. Woolson. 1,934,580; Nov. 7.
 Fuel injection system. R. F. Ensign. 1,894,510; Jan. 17.
 Fuel injection system for internal combustion engines. L. E. Elwell. 1,897,044; Feb. 14.
 Fuel injection unit. H. I. A. Dorner. 1,934,296; Nov. 7.
 Fuel injector. G. A. Gillen. 1,921,873; Aug. 8.
 Fuel injector for engines. F. A. Thaheld. 1,902,197; Mar. 21.
 Fuel, Liquid. G. MacLean and E. G. Sisson, jr. 1,916,735; July 4.
 Fuel, Liquid. A. A. F. M. Seigle. 1,913,061; June 6.
 Fuel, Liquid. J. A. Vance. 1,926,071; Sept. 12.
 Fuel, Liquid. R. H. Van Schaack, jr. 1,907,309; May 2.
 Fuel metering control for internal combustion engines. A. Moore. 1,893,297; Jan. 3.
 Fuel, Method and apparatus for burning pulverized. R. W. Parry. 1,924,878; Aug. 29.
 Fuel mixer. W. A. Doble, Jr. 1,917,577; July 11.
 Fuel mixer, Gaseous. G. E. Denman and C. E. Denman. 1,937,875; Dec. 5.
 Fuel mixing apparatus. P. Taurisano. 1,921,895; Aug. 8.
 Fuel, Motor. E. V. Bereslavsky. 1,915,917; June 27.
 Fuel, Motor. L. P. Chebotar. 1,913,370; June 13.
 Fuel, Motor. D. W. Hoge. 1,902,125; Mar. 21.
 Fuel, Motor. R. T. Hurley. 1,903,624; Apr. 11.
 Fuel, Motor. A. O. Jaeger. 1,908,705; May 16.
 Fuel, Motor. A. O. Jaeger. 1,914,509; June 20.
 Fuel, Motor. L. Rosenstein and W. J. Hund. 1,906,724; May 2.
 Fuel, Motor. L. Rosenstein and W. J. Hund. 1,920,766; Aug. 1.
 Fuel, Nondetonating. P. S. Danner. 1,893,021; Jan. 3.

- Fuel oil burner. B. Field. 1,928,201; Sept. 26.
 Fuel oil heater. N. Engelmann. 1,937,013; Nov. 28.
 Fuel oil injection pump. A. S. Walker. 1,934,108; Nov. 7.
 Fuel package for heaters. J. C. Jessen. 1,916,573; July 4.
 Fuel, Process and apparatus for manufacture of solid. H. Archbald. 1,930,377; Oct. 10.
 Fuel, Producing a prepared. B. F. J. Odell. 1,922,391; Aug. 15.
 Fuel, Producing motor. S. Schwartz. 1,896,723; Feb. 7.
 Fuel pump. A. M. Babitch. 1,919,496; July 25.
 Fuel pump. L. H. L. Bellem and E. C. Foss. 1,940,524; Dec. 19.
 Fuel pump. C. F. High. 1,931,543; Oct. 24.
 Fuel pump. M. Hofmann. 1,909,961; May 23.
 Fuel pump. H. Hueber. 1,912,202; May 30.
 Fuel pump. H. Hueber and E. C. Horton. 1,893,473; Jan. 3.
 Fuel pump. E. A. Rockwell. 1,907,673; May 9.
 Fuel pump. E. A. Rockwell. 1,938,403; Dec. 5.
 Fuel pump. W. H. Schulze. 1,899,295; Feb. 28.
 Fuel pump. J. Zubaty. 1,902,930; Mar. 28.
 Fuel pump, Carburetor supplying. E. A. Rockwell. 1,932,676; Oct. 31.
 Fuel pump, Mechanical. F. G. Schweisthal. 1,905,246; Apr. 25.
 Fuel pump, Mechanical. F. G. Schweisthal. 1,912,659; June 6.
 Fuel pump, Variable stroke. A. M. Babitch. 1,893,215; Jan. 3.
 Fuel regulator for internal combustion engines, Automatic. C. L. Stokes. 1,920,487; Aug. 1.
 Fuel saver and decarbonizer. P. M. Simon. 1,925,971; Sept. 5.
 Fuel, Solid. S. S. Cole. 1,924,180; Aug. 29.
 Fuel supply and indicating system. J. A. Diener. 1,925,955; Sept. 5.
 Fuel supply device for liquid fuel burner. F. F. Neumann. 1,916,807; July 4.
 Fuel supply device for liquid fuel burners. R. M. Sherman and A. J. Gilbert. 1,912,014; May 30.
 Fuel supply process for internal combustion engines. F. Rochefort. 1,903,851; Apr. 18.
 Fuel supply pump. L. Beeh. 1,917,690; July 11.
 Fuel supply system. F. Stephan. 1,933,081; Oct. 31.
 Fuel supply system and valve therefor. C. A. Parsons. 1,933,753; Nov. 7.
 Fuel supply tank. J. E. Hoopes and E. Shoulter. 1,924,741; Aug. 29.
 Fuel supply to internal combustion engines, Method of and apparatus for regulating the. H. Junkers. 1,899,038; Feb. 28.
 Fuel supporting device for furnaces. F. X. and E. J. Lauterbur. 1,895,633; Jan. 31.
 Fuel system, Fluid pressure. E. L. Rathburn. 1,939,318; Dec. 12.
 Fuel system for internal combustion engines. R. F. Bracke. 1,907,725; May 9.
 Fuel system for internal combustion engines. G. L. Holzapfel. 1,931,698; Oct. 24.
 Fuel system for internal combustion engines. H. Hueber and E. C. Horton. 1,912,203; May 30.
 Fuel system, Pulverized. G. A. Conrath. 1,898,341; Feb. 21.
 Fuel tank. A. C. Dixon. 1,894,675; Jan. 17.
 Fuel tank, Siphonproof. W. E. Moreland. 1,914,277; June 13.
 Fuel to floatless carburetors, Apparatus for supplying. K. Bosshardt. 1,898,811; Feb. 21.
 Fuel to furnaces, Feeding pulverized. J. E. Kennedy. 1,924,123; Aug. 29.
 Fuel to internal combustion engines, Method and apparatus for feeding liquid. L. O. French. 1,923,666; Aug. 22.
 Fuel, Treatment of motor. C. D. Lowry, Jr., and C. G. Dryer. 1,924,870; Aug. 29.
 Fuel valve. G. Pielstick. 1,919,904; July 25.
 Fuel valve, Carburetor. R. F. Bracke. 1,943,043; Oct. 31.
 Fuel vapor burner, Liquid. C. A. Hoff. 1,920,933; Aug. 1.
 Fuel vaporizer and making same. W. C. Lindemann and A. T. Schmidt. 1,923,546; Aug. 22.
 Fuels, Additional agent for motor. M. Mueller-Cunradi and W. Wilke. 1,940,096; Dec. 19.
 Fuels and lubricating oils, Production of Nonknocking motor. F. Winkler, H. Hauber, and P. Feller. 1,937,619; Dec. 5.
 Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 1,904,476; Apr. 18.
 Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 1,923,576; Aug. 22.
 Fuels and products derived therefrom or other materials into valuable liquids, Conversion of solid. C. Krauch and M. Pier. 1,931,549-50; Oct. 24.
 Fuels, Apparatus for burning. W. I. Sallee. 1,923,330; Aug. 22.
 Fuels, Apparatus for burning solid carbonizable. F. M. Blair. 1,910,233; May 23.
 Fuels, Apparatus for feeding powdered. W. O. Nease. 1,915,750; June 27.
 Fuels, Cracking and distilling. R. Carter. 1,903,749; Apr. 11.
 Fuels for feeding engines, Process and apparatus permitting the utilization of heavy. K. Oppenheim. 1,931,875; Oct. 24.
 Fuels from heavier carbonaceous material, Producing high-grade motor. E. J. Gohr. 1,934,054; Nov. 7.
 Fuels, Gasifying finely divided solid and liquid. F. Herzberg. 1,939,498; Dec. 12.
 Fuels, Making motor. M. Pier and F. Ringer. 1,910,051; May 23.
 Fuels, Manufacturing. F. E. Kern. 1,913,122; June 6.
 Fuels, Method and apparatus for storing hydrocarbon motor. A. E. Harnsberger. 1,930,592; Oct. 17.
 Fuels, Producing valuable liquid. M. Pier, E. Anthes, and A. Eisenhut. 1,910,050; May 23.
 Fumes from buildings, Methods of and apparatus for removing. L. J. Rogers. 1,905,243; Apr. 25.
 Fumigant gas producing composition. H. W. Houghton. 1,894,041; Jan. 10.
 Fumigating apparatus and process. C. E. Dibble. 1,930,588; Oct. 17.
 Fumigating agent, Producing. B. B. Burgess. 1,918,589; July 18.
 Fumigation. G. P. Gray. 1,927,517; Sept. 19.
 Fumigation. J. P. Hubbell. 1,912,141; May 30.
 Fumigation, Isobaric vacuum. V. Migrdichian. 1,914,892; June 20.
 Fumigator. T. A. Andersen. 1,911,871; May 30.
 Fumigator. H. E. Riley and H. J. Tannenbaum. 1,908,054-5; May 9.
 Fungicide. H. P. Vannah. 1,905,532; Apr. 25.
 Fungicide. H. C. Young. 1,911,868; May 30.
 Fungicide and insecticide, Combined. H. C. Young. 1,911,867; May 30.
 Funnel. P. L. Downs. 1,938,138; Dec. 5.
 Funnel, Collapsible. R. B. Lillard. 1,935,324; Nov. 14.
 Funnel for dispensing lubricating oil. A. L. Kronquest and F. G. Searle. 1,918,112; July 11.
 Fur, Artificial. G. Romane. 1,939,136; Dec. 12.
 Fur, Cutting. O. M. Dean. 1,895,025; Jan. 24.
 Fur cutting machine. F. Klinga, Jr. 1,925,099; Sept. 5.
 Fur plucking. W. K. Wilson. 1,893,919; Jan. 10.
 Fur skins, Bleaching. W. E. Popkin. 1,940,768; Dec. 26.
 Fur stretching frame. H. J. Weigand and P. V. Scheetz. 1,932,167; Oct. 24.
 Furring and applying device. H. J. Miller. 1,930,981; Oct. 17.
 Furs, hairs, feathers, and similar articles, Dyeing. K. Marx and E. Lehmann. 1,900,454; Mar. 7.
 Furs, hairs, and feathers, Dyeing. E. Lehmann and H. Wassenecker. 1,940,757; Dec. 26.
 Furs, hairs, or feathers, Dyeing. E. Lehmann. 1,932,901; Oct. 31.
 Furs, Treating. A. Nathansohn. 1,931,355; Oct. 17.
 Furfural acetone and furan derivatives, Reduction of. F. N. Peters, Jr. 1,903,850; Apr. 18.
 Furfural and furan derivatives, Reduction of. F. N. Peters, Jr. 1,906,873; May 2.
 Furfural from filter cakes containing it, Recovery of. A. O. Jaeger. 1,923,672; Aug. 22.
 Furfural, Manufacturing. H. J. Brownlee. 1,919,877-8; July 25.
 Furnace: See—
 Annealing furnace.
 Blast furnace.
 Boiler furnace.
 Branding iron furnace.
 Carbon combustion furnace.
 Coal dust furnace.
 Conveyer furnace.
 Copper treating furnace.
 Counterflow recuperative furnace.
 Crucible furnace.
 Cupola furnace.
 Down draft plumbers' furnace.
 Electric arc furnace.
 Electric blast furnace.
 Electric furnace.
 Electric heating furnace.
 Electric induction furnace.
 Electrical furnace.
 Electrical induction furnace.
 Fuel burning furnace.
 Gas-fired furnace.
 Gas furnace.
 Gas producer and other furnace.
 Glass furnace.
 Glass melting furnace.
 Glass tank furnace.
 Heat treating furnace.
 Heating furnace.
 Hot air furnace.
 Hot water heating furnace.
 Induction electric furnace.
 Induction furnace.
 Melting furnace.
 Metal heating furnace.
 Metallurgical furnace.
 Oil heating furnace.
 Open hearth furnace.
 Open hearth support furnace.
 Pipe still furnace.
 Plumber's furnace.
 Powdered fuel furnace.
 Pulverized fuel furnace.
 Recirculating furnace.
 Reduction furnace.
 Regenerative furnace.
 Regenerative reverberatory furnace.
 Reverberatory furnace.
 Roasting furnace.
 Rotary hearth furnace.
 Rotating furnace.
 Shaft furnace.
 Soaking pit furnace.
 Vertical retort furnace.
 Warm air furnace.
 Warm air heating furnace.
 Water cooled furnace.
 Zinc furnace.
 Furnace. W. G. Adam and P. Gray. 1,917,682; July 11.
 Furnace. E. G. Bailey. 1,900,066; Mar. 7.
 Furnace. W. T. Barker. 1,915,397; June 27.
 Furnace. D. L. Blatter. 1,911,488; May 30.
 Furnace. E. A. Brown, Jr., and W. S. Unger. 1,919,412; July 25.
 Furnace. E. S. Burch. Des. 89,872; May 16.
 Furnace. S. P. Burke. 1,899,926; Mar. 7.
 Furnace. L. Cinq-Mars. 1,913,584; June 13.
 Furnace. T. G. Coghlan and E. A. Johnsen. 1,898,479; Feb. 21.

- Furnace. F. T. Cope and R. C. Oyster 1,919,054; July 18.
- Furnace. J. G. Coutant. 1,919,203; July 25.
- Furnace. J. F. Crawford. 1,904,781; Apr. 18.
- Furnace. L. W. Daman. 1,922,421; Aug. 15.
- Furnace. S. Daniels. 1,917,702; July 11.
- Furnace. F. A. Fahrenwald. 1,923,815; Aug. 22.
- Furnace. F. A. Fahrenwald. 1,927,634; Sept. 19.
- Furnace. R. A. Foresman. 1,902,359; Mar. 21.
- Furnace. C. E. Foster and J. B. Oram. 1,924,920; Aug. 29.
- Furnace. C. S. Franke. 1,896,298; Feb. 7.
- Furnace. H. T. Gerdes. Des. 89,886; May 16.
- Furnace. C. B. Grady. 1,894,270; Jan. 17.
- Furnace. H. C. Heaton. 1,929,889; Oct. 10.
- Furnace. H. C. Jurs. 1,893,898; Jan. 10.
- Furnace. E. B. Kay. 1,914,746; June 20.
- Furnace. G. Leiman. 1,900,570; Mar. 7.
- Furnace. R. F. McNeal. 1,910,349; May 23.
- Furnace. L. A. Mekler. 1,901,922; Mar. 21.
- Furnace. F. L. Meyer, W. J. Boesch, and F. E. Mehrings. 1,933,634; Nov. 7.
- Furnace. C. I. Murdock. 1,912,398; June 6.
- Furnace. G. and D. M. Naismith. 1,914,955-6; June 20.
- Furnace. F. J. Peterson. 1,915,949; June 27.
- Furnace. F. J. Peterson. 1,934,614; Nov. 7.
- Furnace. F. E. Ross. 1,907,367; May 2.
- Furnace. T. T. Scott. 1,917,068; July 4.
- Furnace. O. N. Sellers. 1,918,935; July 18.
- Furnace. K. H. Simpson. 1,925,941-2; Sept. 5.
- Furnace. R. J. Sloan. 1,896,252; Feb. 7.
- Furnace. J. M. Taggart. 1,903,521; Apr. 11.
- Furnace and boiler. W. A. Jones. 1,904,466; Apr. 18.
- Furnace and burner control mechanism therefor, Regenerative glass melting. V. Mulholland. 1,941,411; Dec. 26.
- Furnace and charging same, Blast. J. K. Clutts. 1,938,580; Dec. 12.
- Furnace and constructing and operating same, Melting. A. W. Scheidt. 1,932,354; Oct. 24.
- Furnace and forming the same, Heating. C. B. Lockhart and L. E. Allen. 1,933,743; Nov. 7.
- Furnace and method of furnace operation. W. Trinks. 1,933,571; Nov. 7.
- Furnace and oil cracking plant unit. G. C. Miller. 1,916,124; June 27.
- Furnace and operating it, Electric induction. G. H. Clamer. 1,939,623; Dec. 12.
- Furnace and operating same, Blast. L. B. Weidlein. 1,906,680; May 2.
- Furnace and operating the same. E. M. Freeland. 1,913,197; June 6.
- Furnace and operating the same, Induction. W. E. Moore. 1,937,065; Nov. 28.
- Furnace and resistance element therefor, Electric. W. E. Moore. 1,915,747; June 27.
- Furnace appliance. J. M. Duffy. Re18,803; Apr. 25.
- Furnace arch roof and tile for building the same. I. Czajkowski. 1,927,257; Sept. 19.
- Furnace bearer. H. V. Stevens. 1,898,273; Feb. 21.
- Furnace block. E. G. Bailey. 1,900,007; Mar. 7.
- Furnace bottoms. Preservation of metallurgical. A. T. Cape and K. B. Bowman. 1,894,755; Jan. 17.
- Furnace by freezing, Lining a. H. Neuhauss. 1,904,664; Apr. 18.
- Furnace, carbonizing chamber and retort, and the like. A. M. Duckham. 1,919,098; July 18.
- Furnace charge, Method and apparatus for mixing a. C. Hart. 1,897,647; Feb. 14.
- Furnace charger. J. B. Tytus. 1,895,300; Jan. 24.
- Furnace charging system, Blast. G. Fox and A. J. Whitcomb. 1,937,951; Dec. 5.
- Furnace charging system, Blast. A. J. Whitcomb. 1,928,039; Sept. 26.
- Furnace charging top, Blast. C. O. Barks. 1,936,374; Nov. 21.
- Furnace construction. J. E. Anderson. 1,922,516; Aug. 15.
- Furnace construction. G. W. Davey. 1,897,041; Feb. 14.
- Furnace construction. J. H. Fichter. 1,915,056; June 20.
- Furnace construction. C. J. Fowler. 1,908,645; May 9.
- Furnace construction. E. E. Lehr. 1,924,936; Aug. 29.
- Furnace construction. F. Provincial. 1,901,821; Mar. 14.
- Furnace construction. J. Thornton. 1,896,116; Feb. 7.
- Furnace construction and operation. G. H. Isley and G. A. Merkt. 1,900,396; Mar. 7.
- Furnace construction, Open hearth. K. C. McCutcheon. 1,900,942; Mar. 14.
- Furnace control. M. G. Benjamin. 1,900,036; Mar. 7.
- Furnace control. R. V. Knapp. 1,940,355; Dec. 19.
- Furnace control apparatus, Arc. J. Young. 1,901,426; Mar. 14.
- Furnace control device. H. F. Ferguson. 1,908,702; May 16.
- Furnace control means. A. C. Grant. 1,924,925; Aug. 29.
- Furnace conveyer shaft. O. K. Carpenter. 1,923,773; Aug. 22.
- Furnace equipment. W. A. Darrah. 1,902,951; Mar. 28.
- Furnace, Firing reheating. S. P. Burke. 1,900,223; Mar. 7.
- Furnace floor structure. M. Frisch and H. O. Woolley. 1,896,669; Feb. 7.
- Furnace for boilers. J. A. Freiday. 1,932,455; Oct. 31.
- Furnace for burning pulverized fuel. E. S. Suffern. 1,926,637; Sept. 12.
- Furnace for burning refuse. F. A. Oetken. 1,933,025; Oct. 31.
- Furnace for casting cores and the like, Electrically heated drying. E. F. Russ. 1,893,963; Jan. 10.
- Furnace for conditioning adsorbent materials. N. S. Evans and C. H. Alsberg. 1,939,678; Dec. 19.
- Furnace for heat treatment of metal sheets. H. H. Harris. 1,910,390; May 23.
- Furnace for liquid fuel burners. R. W. Beckett. 1,921,798; Aug. 8.
- Furnace for metallurgical purposes, Continuous. B. M. Fenton and E. F. Clark. 1,895,072; Jan. 24.
- Furnace for reducing oxides with carbon under pressure, Arc. L. Burgess. 1,923,076; Aug. 22.
- Furnace for smelting aluminum. J. Schaffler. 1,924,200; Aug. 29.
- Furnace for smelting the residues from evaporated waste cellulose lyes. H. N. Unden. 1,910,724; May 23.
- Furnace for the heating of metals having a high melting point, Induction. C. Tama. 1,915,700; June 27.
- Furnace for treating copper. H. M. Koll. 1,936,199; Nov. 21.
- Furnace grate construction. J. J. Buckley. 1,912,886; June 6.
- Furnace grate stoker control. W. A. Lacke. 1,920,572; Aug. 1.
- Furnace having sectionally supported side walls. A. G. Bildstein. 1,937,623; Dec. 5.
- Furnace heat regulator. P. C. and W. P. Timm. 1,897,406; Feb. 14.
- Furnace heat regulator. P. C. and W. P. Timm. 1,897,408; Feb. 14.
- Furnace hot blast stove, Blast. R. Carrigan. 1,915,880; June 27.
- Furnace hot water section. A. C. Mott. Des. 91,142; Dec. 5.
- Furnace jacket. E. Bullock. Des. 90,474; Aug. 15.
- Furnace jacket. W. J. Smith. Des. 91,043; Nov. 14.
- Furnace lining. G. D. Evans. 1,906,557; May 2.
- Furnace method, Electric induction. G. H. Clamer. 1,940,622; Dec. 19.
- Furnace operating mechanism. J. P. Ferris, D. Clute, and E. Wiedmann. 1,902,063; Mar. 21.
- Furnace operation, Blast. H. A. Brassert. 1,897,750; Feb. 14.
- Furnace or drier, Rotary. F. A. Johnson. 1,925,761; Sept. 5.
- Furnace port construction, Open hearth. G. E. Rose. 1,926,351; Sept. 12.
- Furnace-pressure control. G. W. Smith. 1,931,906; Oct. 24.
- Furnace regulating system. D. J. Stewart. 1,937,601; Dec. 5.
- Furnace regulator, Automatic. R. S. Adams. 1,905,977; Apr. 25.
- Furnace setting. G. Allen, Jr., and F. C. Simpson. 1,936,151; Nov. 21.
- Furnace system, Electric. E. A. Hanff. 1,937,696; Dec. 5.
- Furnace temperature and furnace wall construction, Control of. F. G. Ely. 1,919,324; July 25.
- Furnace thermostat control. L. M. Persons. 1,912,791; June 6.
- Furnace valve. H. Winger. 1,898,111; Feb. 21.
- Furnace valve reversing system. T. C. King and F. C. Trautman. 1,911,902; May 30.
- Furnace wall. P. W. Antill. 1,939,646; Dec. 19.
- Furnace wall. E. G. Bailey. 1,939,650; Dec. 19.
- Furnace wall. J. Harter. 1,900,443; Mar. 7.
- Furnace wall. J. E. MacDonald. 1,929,073; Oct. 3.
- Furnace wall. O. Nygaard. 1,912,912; June 6.
- Furnace wall. J. A. Schrufer. 1,921,843; Aug. 8.
- Furnace wall blocks against tubes. Retaining. E. G. Bailey and R. M. Hardgrove. 1,904,189; Apr. 18.
- Furnace wall construction. P. W. Antill. 1,927,909; Sept. 26.
- Furnace wall construction. J. S. Bennett. 1,922,521; Aug. 15.
- Furnace wall, Sectional. D. S. Jacobus. 1,901,560; Mar. 14.
- Furnace wall, Water cooled. D. S. Jacobus and H. J. Kerr. 1,900,445; Mar. 7.
- Furnace with secondary heating features, Melting. A. W. Scheidt. 1,932,355; Oct. 24.
- Furnaces, Adjustable elbow for. R. Klomparsen. 1,939,987; Dec. 19.
- Furnaces and the like, Checker chamber for regenerative. L. T. Petit. 1,920,885; Aug. 1.
- Furnaces, Apparatus for charging. A. J. Boynton and P. Zimmerman. 1,905,679; Apr. 25.
- Furnaces, Apparatus for charging and discharging. S. D. Inscho. 1,936,840; Nov. 28.
- Furnaces, Apparatus for feeding batch mixtures to. R. Good. 1,917,247; July 11.
- Furnaces, Blister trap for glass. K. M. Henry and B. A. Noble. 1,928,289; Sept. 26.
- Furnaces, Control mechanism for. R. M. Hardgrove. 1,914,949; June 20.
- Furnaces, Controlling. F. J. Ryan. 1,907,202; May 2.
- Furnaces, Device for electric induction. E. F. Northrup. 1,898,207; Feb. 21.
- Furnaces for and method of continuously annealing strip metal. J. R. Coe. 1,928,409; Sept. 26.

- Furnaces, Heat controlling means for. H. B. Brown. 1,895,275; Jan. 24.
- Furnaces, Method and apparatus for charging blast. J. P. Grilli and H. L. Wetherbee. 1,927,518; Sept. 19.
- Furnaces, Method and apparatus for feeding batch mixtures to. R. Good. 1,916,262; July 4.
- Furnaces, Method of and apparatus for controlling. P. E. Leiss. 1,911,831; May 30.
- Furnaces, Method of and apparatus for feeding melting. E. C. Stewart. 1,922,827; Aug. 15.
- Furnaces, Method of and apparatus for regenerative. J. R. Green. 1,937,017; Nov. 28.
- Furnaces, Operation of. H. A. Brassert. 1,921,212; Aug. 8.
- Furnaces, Operation of regenerative. G. H. Isley. 1,900,397; Mar. 7.
- Furnaces, Process and apparatus for firing. R. H. Andrews. 1,912,243; May 30.
- Furnaces, Regulation of heating. G. A. Merkt. 1,896,910; Feb. 7.
- Furnaces, Sight opening for oil burning. C. L. Warner. 1,931,173; Oct. 17.
- Furnaces without a closed ferro-magnetic circuit, Arrangement in electric induction. L. Dreyfus. 1,936,046; Nov. 14.
- Furnaces without a closed ferro-magnetic circuit, Winding for electrical induction. L. Dreyfus. 1,935,047; Nov. 14.
- Furniture. A. M. Bank. 1,929,471; Oct. 10.
- Furniture. A. Ernest. 1,901,638; Mar. 14.
- Furniture. C. W. Greenhill. 1,927,828; Sept. 26.
- Furniture. W. Harbottle and T. F. Macfarlane. 1,930,955; Oct. 17.
- Furniture. W. McArthur, jr. 1,932,794; Oct. 31.
- Furniture. W. R. McGowen. 1,936,459; Nov. 21.
- Furniture. V. E. Ramirez. 1,926,915; Sept. 12.
- Furniture. L. V. Redman. 1,926,560; Sept. 12.
- Furniture. I. Salomon. 1,931,085; Oct. 17.
- Furniture, Article of. H. E. Dow. 1,932,543; Oct. 31.
- Furniture, Article of. B. A. Fleming. 1,940,679; Dec. 26.
- Furniture, Article of. B. Graumnitz. 1,915,990; June 27.
- Furniture, Article of. H. S. Koopman. 1,939,904; Dec. 19.
- Furniture, Article of. A. Rohaut. 1,897,590; Feb. 14.
- Furniture, Article of. H. Rueter. 1,923,690; Aug. 22.
- Furniture, Article of. R. R. Shearer. 1,917,554; July 11.
- Furniture, Article of. C. R. Uhl. 1,928,801; Oct. 3.
- Furniture, Article of. C. R. Uhl. 1,937,998; Dec. 5.
- Furniture brace. S. G. Bolin. 1,907,720; May 9.
- Furniture brace. T. H. Wittliff. 1,914,706; June 20.
- Furniture, Casting of printing. B. M. Lanser. 1,923,218; Aug. 22.
- Furniture clamp. H. A. Green. 1,914,088; June 13.
- Furniture, Combination. T. Abrams. 1,903,404; Apr. 4.
- Furniture, Combination. A. D. Stine. 1,894,362; Jan. 17.
- Furniture construction. R. A. Sargent. 1,930,111; Oct. 10.
- Furniture construction. R. Willard. 1,927,429; Sept. 19.
- Furniture construction, Wood and metal. B. E. Richardson. 1,933,074; Oct. 31.
- Furniture, Convertible. P. Bellavia. 1,918,241; July 18.
- Furniture, Folding. W. O. Brown. 1,914,006; June 13.
- Furniture glide. G. J. Overmyer. 1,918,720; June 13.
- Furniture glider. D. H. Chason. 1,930,223; Oct. 10.
- Furniture having extensible upholstered surfaces, Article of. T. Salter. 1,933,342; Oct. 31.
- Furniture leg, Folding. W. M. Boenning. 1,893,195; Jan. 3.
- Furniture leg, Folding. W. M. Boenning. 1,923,417; Aug. 22.
- Furniture leg or similar article. A. Demcak; Des. 90,064; June 6.
- Furniture, Metal. J. P. Kiesecker. 1,934,195; Nov. 7.
- Furniture, Metallic. B. G. Rand. 1,914,646; June 20.
- Furniture of the folding type, Article of. C. J. Symmonds. 1,916,288; July 4.
- Furniture post end construction. F. Kusterle. 1,899,699; Feb. 28.
- Furniture seat. L. D. Lichty. 1,927,238; Sept. 19.
- Furniture seat. L. D. Lichty. 1,928,999; Oct. 3.
- Furniture, Shoe or foot for legs of. J. R. Jones. 1,914,511; June 20.
- Furniture-tip. T. P. Duncan, jr. 1,915,272; June 27.
- Furniture top construction. C. R. Uhl. 1,911,779; May 30.
- Furniture trimming. E. W. North. 1,917,319-20; July 11.
- Furniture, Upholstered. J. Kronheim. 1,908,710; May 16.
- Furrow seeding machine. C. B. Dempster and W. Elliott. 1,897,421; Feb. 14.
- Furyloethylene, Polymerization of. B. E. Sorenson. 1,911,722; May 30.
- Fuse. T. Birkenmaier. 1,935,386; Nov. 14.
- Fuse. G. Blumberg. 1,902,613; Mar. 21.
- Fuse. C. H. Cole. 1,927,334; Sept. 19.
- Fuse. N. J. Conrad. 1,924,484; Aug. 29.
- Fuse. H. R. Cook and E. A. Bohlman. 1,912,431; June 6.
- Fuse. L. C. Hart. 1,930,804; Oct. 17.
- Fuse. E. R. Hughson. 1,912,276; May 30.
- Fuse. J. M. King. 1,895,513; Jan. 31.
- Fuse. E. P. Klopfenstein. 1,926,445; Sept. 12.
- Fuse. C. E. O. Kriegstedt. 1,927,371-2; Sept. 19.
- Fuse. W. D. Kyle. 1,928,625; Oct. 3.
- Fuse. N. N. Okun. 1,932,937; Oct. 31.
- Fuse. J. Patrick. 1,898,062; Feb. 21.
- Fuse. A. Ramsey. 1,907,581; May 9.
- Fuse. C. Ringwald. Re18,743; Feb. 21.
- Fuse. J. Sandin. 1,898,099; Feb. 21.
- Fuse. J. Slepian and R. C. Mason. 1,936,803; Nov. 28.
- Fuse. A. G. Steinmeyer. 1,932,194; Oct. 24.
- Fuse. N. M. Stephenson. 1,925,060; Aug. 29.
- Fuse. T. F. Vindal. 1,937,178; Nov. 28.
- Fuse. D. L. Woodberry. 1,916,245; July 4.
- Fuse and current limiting resistor, Combination. J. Sandin. 1,902,902; Mar. 28.
- Fuse and disconnect switch. W. A. Heinrich. 1,918,541; July 18.
- Fuse and expelling fuse wire therefrom. J. B. Trescott. 1,917,781; July 11.
- Fuse and making it. Renewable electric. F. N. Conant. 1,919,273; July 25.
- Fuse block. J. Messing. Re18,779; Mar. 28.
- Fuse box. J. G. Jackson and R. H. Kingdon. 1,930,428; Oct. 10.
- Fuse carrier. C. E. Hanny. 1,932,212; Oct. 24.
- Fuse, Cartridge. C. H. Cole. 1,927,335-6; Sept. 19.
- Fuse-changer, Automatic. R. R. Pittman and C. H. Walsh. 1,894,056; Jan. 10.
- Fuse clip clamp. H. S. Creque and D. B. Flower. 1,941,338; Dec. 26.
- Fuse clip lock. F. C. La Mar. 1,902,804; Mar. 21.
- Fuse connection for gas heaters. M. Schwartz and W. W. Norton. 1,932,711; Oct. 31.
- Fuse construction. E. E. Sundt. 1,922,642; Aug. 15.
- Fuse cut-out. E. Burke. 1,901,894; Mar. 21.
- Fuse cut-out and the like. E. G. Newton. 1,934,442; Nov. 7.
- Fuse device. J. Sachs. 1,905,004; Apr. 25.
- Fuse device. K. Tsukamoto. 1,924,632; Aug. 29.
- Fuse, Electric. A. J. Bowie. 1,907,239; May 2.
- Fuse, Electric. F. N. Conant. 1,919,274; July 25.
- Fuse, Electric. W. F. Curlee. 1,938,097; Dec. 5.
- Fuse, Electric. T. W. Kirkman. 1,928,997; Oct. 3.
- Fuse, Electric. F. C. La Mar. 1,913,163; June 6.
- Fuse, Electric. F. C. La Mar. 1,935,453; Nov. 14.
- Fuse, Electric. B. K. Smith. 1,926,067; Sept. 12.
- Fuse, Electrical. G. M. Girdwood. 1,927,397; Sept. 19.
- Fuse element, Renewable. J. B. Glowacki. Re18,886; July 4.
- Fuse, Expulsion. G. B. Mangan. 1,905,236; Apr. 25.
- Fuse for artillery projectiles, Mechanical time. H. Junghans. 1,915,890; June 27.
- Fuse for bombs. D. L. Woodberry. 1,893,663; Jan. 10.
- Fuse for drop bombs, Delay. D. L. Woodberry. 1,898,073; Feb. 21.
- Fuse for electric circuits. A. Appel. 1,924,014; Aug. 22.
- Fuse for projectiles. D. L. Woodberry. 1,916,244; July 4.
- Fuse for projectiles, Combination. A. F. Teitscheid. 1,933,608; Nov. 7.
- Fusehead. W. O. Littlebury. 1,908,372; May 9.
- Fuse, High tension. T. E. Murray, jr. 1,917,315; July 11.
- Fuse, High vacuum. D. C. Prince and B. Wellman. 1,934,459; Nov. 7.
- Fuse, High vacuum. B. Wellman and D. C. Prince. 1,934,458; Nov. 7.
- Fuse holder. C. G. Pierce. 1,922,500; Aug. 15.
- Fuse holder and lighter, Combination. F. E. Keese, jr. 1,902,706; Mar. 21.
- Fuse, Indicating plug. F. La Mar. 1,940,627; Dec. 19.
- Fuse link. A. G. Steinmeyer. 1,897,342; Feb. 14.
- Fuse link. A. G. Steinmeyer. 1,934,243-4; Nov. 7.
- Fuse, Manufacture of detonating. W. O. Snelling and C. B. Koch. 1,923,761; Aug. 22.
- Fuse, Mechanical time. H. Junghans. 1,927,746; Sept. 19.
- Fuse mounting block. G. E. Wadsworth. 1,917,861-2; July 11.
- Fuse mounting, Disconnecting. A. Ramsey. 1,907,580; May 9.
- Fuse, Multiple. G. M. Cole. 1,939,663; Dec. 19.
- Fuse or cut-out. C. E. Leonard. 1,931,665; Oct. 24.
- Fuse panel board. J. G. Jackson. 1,901,164; Mar. 14.
- Fuse, Plug. G. W. Alfred. 1,936,004; Nov. 21.
- Fuse plug. G. R. Brown. 1,929,271-2; Sept. 19.
- Fuse plug. C. E. O. Kriegstedt. 1,927,370; Sept. 19.
- Fuse, Plug. F. C. La Mar. 1,921,392; Aug. 8.
- Fuse plug. T. Newman. 1,916,127; June 27.
- Fuse plug. R. H. Olandt. 1,922,822; Aug. 15.
- Fuse plug. E. A. Priebe. 1,931,206; Oct. 17.
- Fuse plug. H. Ruskin. 1,896,248; Feb. 7.
- Fuse plug. T. Siampos. 1,914,871; June 20.
- Fuse plug. S. L. Sneerson. 1,911,095; May 23.
- Fuse plug, Electrical. M. F. Tucker. 1,917,407; July 11.
- Fuse plug, Multiple. R. W. Scott. 1,909,904; May 16.
- Fuse plug or the like. E. J. Burns. 1,895,914; Jan. 31.
- Fuse plug, Refillable. B. A. McAnsh. 1,915,796; June 27.
- Fuse plug, Reversible double ended. W. J. Luse. 1,923,156; Aug. 22.
- Fuse, Potential transformer. J. Slepian and R. C. Mason. 1,927,905; Sept. 26.
- Fuse puller and hand tool, Combination safety. E. G. Nilsson. 1,927,528; Sept. 19.
- Fuse refilling tool. M. Kondo. 1,902,710; Mar. 21.
- Fuse, Renewable. C. E. O. Kriegstedt. 1,927,369; Sept. 19.
- Fuse, Renewable electric. C. and E. Kemp. 1,902,707; Mar. 21.
- Fuse, Renewable link cartridge. W. T. Clark. 1,907,739-40; May 9.

- Fuse, Resettable. E. P. Larsh. 1,940,956; Dec. 26.
 Fuse, Safety. D. E. Pearsall. 1,907,863; May 9.
 Fuse setting machine. A. Dabrowsky. 1,898,081; Feb. 21.
 Fuse support. G. R. Brown. 1,934,483; Nov. 7.
 Fuse switch. L. P. Boll. 1,940,575; Dec. 19.
 Fuse switch. J. B. Trescott and S. S. Baker. 1,917,780; July 11.
 Fuse tightener. F. W. Allgeier. 1,916,711; July 4.
 Fused disconnecting plug. E. M. Marchand. 1,930,594; Oct. 17.
 Fused electrical plug. L. L. Maxam. 1,902,568; Mar. 21.
 Fused material and apparatus therefor, Treating. J. E. Jewett. 1,934,716; Nov. 14.
 Fuselage for airplanes and the like, Collapsible. F. V. Barycz. 1,892,925; Jan. 3.
 Fuselage or other bodies of aircraft, Construction of. B. N. Wallis. 1,894,011; Jan. 10.
 Fuses, Indicating device for. R. H. Earle. 1,927,157; Sept. 19.
 Fusible unit. A. C. Rowley. 1,925,007; Aug. 29.
 Fusing machine, Self fed autogenous. A. Scheidhauer. 1,932,641; Oct. 31.
 Gaff. L. W. Hendrie. 1,920,790; Aug. 1.
 Gage. H. E. Tautz. Des. 89,818; May 9.
 Gagger. T. E. Harkins. 1,928,055; Sept. 26.
 Gain adjuster, Voice operated. E. M. Staples. 1,906,775; May 2.
 Gain control apparatus. W. H. T. Holden. 1,902,030; Mar. 21.
 Gain control apparatus. R. H. Lindsay. 1,927,128; Sept. 19.
 Gain control, Automatic. W. Kautter. 1,931,660; Oct. 24.
 Gain control, Automatic. T. A. Smith. 1,904,552; Apr. 18.
 Gaining head. T. J. Johnson. 1,903,002; Mar. 28.
 Gaiter or legging. A. W. Boreham. 1,916,036; June 27.
 Galley. G. M. Hume. 1,921,410; Aug. 8.
 Galley for matrix composing and line casting machines, Slug. C. A. Albrecht. 1,907,138; May 2.
 Galley mechanism for monotype machines. F. J. Lemieux. 1,923,628; Aug. 22.
 Galoshes, shoes with rubber soles, and the like, Apparatus for making. H. A. Skov. 1,936,958; Nov. 28.
 Galvanic cell. G. W. Heise. 1,899,616; Feb. 28.
 Galvanizing apparatus and method. A. H. Burnham, jr. 1,907,388; May 2.
 Galvanizing, Continuous. J. L. Schueler. 1,936,487; Nov. 21.
 Galvanizing machine. J. Carroll and M. L. Hunker. 1,925,134; Sept. 5.
 Galvanizing machine. J. W. Free. 1,935,087; Nov. 14.
 Galvanizing process and apparatus. C. M. MacChesney and R. H. Norton. 1,917,657; July 11.
 Galvanometer, Multiple. F. M. Floyd. 1,930,677; Oct. 17.
 Game. P. P. Await. 1,939,759; Dec. 19.
 Game. W. F. Beatty. 1,918,892; July 18.
 Game. H. E. Bisailon and W. J. Hamel. 1,935,174; Nov. 14.
 Game. L. J. Burke. 1,922,229; Aug. 15.
 Game. J. L. Butler. 1,933,159; Oct. 31.
 Game. C. L. Clark. 1,917,700; July 11.
 Game. H. C. Cox. 1,925,918; Sept. 5.
 Game. H. J. Fernandez. 1,922,578; Aug. 15.
 Game. J. T. Gibbs. 1,906,260; May 2.
 Game. L. C. Henderson. 1,921,186; Aug. 8.
 Game. R. A. Hennings. 1,918,749; July 18.
 Game. E. L. Herbert. 1,927,741; Sept. 19.
 Game. E. B. Hinkley. 1,911,569; May 30.
 Game. M. I. Husted. 1,934,502; Nov. 7.
 Game. W. E. Jackson, jr. 1,932,524; Oct. 31.
 Game. D. E. Milne. 1,899,820; Feb. 28.
 Game. E. H. Murray. 1,929,329; Oct. 3.
 Game. W. T. O'Neill. 1,900,071; Mar. 7.
 Game. H. B. Polak. 1,903,133; Mar. 28.
 Game. W. A. Schollmeyer. 1,940,970; Dec. 26.
 Game. T. N. Slosson. 1,934,381; Nov. 7.
 Game. H. M. Strobel. 1,899,833; Feb. 28.
 Game. F. A. Zimmer. 1,907,412; May 2.
 Game accessory. C. R. Kirk. Des. 91,034; Nov. 14.
 Game apparatus. P. Arends. 1,931,567; Oct. 24.
 Game apparatus. G. Bardocz. 1,933,406; Oct. 31.
 Game apparatus. A. A. Connors. 1,906,900; May 2.
 Game apparatus. G. C. Day. 1,926,612; Sept. 12.
 Game apparatus. H. Ferrari, jr. 1,907,255; May 2.
 Game apparatus. J. F. Flower. 1,899,880; Feb. 28.
 Game apparatus. C. B. Gamble. 1,923,720; Aug. 22.
 Game apparatus. H. P. Gorman. 1,926,980; Sept. 12.
 Game apparatus. W. L. Hassenpluss. 1,929,922; Oct. 10.
 Game apparatus. T. L. Isaza. 1,939,819; Dec. 19.
 Game apparatus. A. W. McClean. 1,899,706; Feb. 28.
 Game apparatus. F. L. Mills. 1,912,992; June 6.
 Game apparatus. R. T. Moloney. Des. 90,923; Oct. 24.
 Game apparatus. T. J. Murray. 1,914,449; June 20.
 Game apparatus. L. Myers. 1,903,790; Apr. 18.
 Game apparatus. R. F. Nekuda. 1,935,370; Nov. 14.
 Game apparatus. H. T. Neuman. 1,902,137; Mar. 21.
 Game apparatus. N. Passell. 1,909,422; May 16.
 Game apparatus. A. L. Paulin and E. W. Froom. 1,938,495; Dec. 5.
 Game apparatus. F. E. Perkins and W. S. Baker. 1,909,313; May 16.
 Game apparatus. M. G. Pool. 1,928,572; Sept. 26.
 Game apparatus. H. E. Ryan. 1,903,480; Apr. 11.
 Game apparatus. R. N. and W. J. Sheffer. 1,915,452; June 27.
 Game apparatus. A. K. Small, jr. 1,899,830; Feb. 28.
 Game apparatus. H. T. Smith. 1,926,920; Sept. 12.
 Game apparatus. J. A. Storen. 1,925,213; Sept. 5.
 Game apparatus. T. Van Steenkiste. 1,906,025; Apr. 25.
 Game apparatus. T. E. Wheeler. 1,914,316; June 13.
 Game apparatus, Amusement. D. Gottlieb. Des. 90,946; Oct. 31.
 Game appliance. R. J. Chappell. 1,900,798; Mar. 7.
 Game, Basket ball. A. S. Bishop. 1,903,254; Mar. 28.
 Game board. W. R. Cluff. Des. 89,438; Mar. 14.
 Game board. C. L. Cutler. 1,893,732; Jan. 10.
 Game board. R. A. Dahlquist. Des. 89,387; Mar. 7.
 Game board. W. L. Deming. Des. 90,752; Sept. 26.
 Game board. W. S. Duwellius. Des. 88,906; Jan. 3.
 Game board. M. A. Elliott. Des. 90,755; Sept. 26.
 Game board. L. W. Gensburg. Des. 90,281; July 11.
 Game board. C. Lessig and C. J. Carley. Des. 89,047; Jan. 17.
 Game board. S. H. Lynch. 1,894,469; Jan. 17.
 Game board. R. E. McClure. Des. 89,715; Apr. 25.
 Game board. R. E. McClure. Des. 90,625; Sept. 5.
 Game board. F. A. Rogers. Des. 90,297; July 11.
 Game board. H. Schwartz. Des. 90,553; Aug. 22.
 Game board. A. J. Watling. Des. 89,228; Feb. 7.
 Game board. S. Weiss. 1,925,018; Aug. 29.
 Game board for folding card tables. W. Hanley. 1,915,787; June 27.
 Game board or analogous article. R. K. Harsh. Des. 89,306; Feb. 21.
 Game board or analogous article. O. Ray. Des. 89,093; Jan. 24.
 Game board or similar article. O. Van der Stein and D. Lyons. Des. 89,805; May 2.
 Game board, target, or similar article. E. R. Snedaker. Des. 90,217; June 27.
 Game device. E. J. Brady. Des. 90,177; June 20.
 Game device. C. W. Deibel. 1,897,384; Feb. 14.
 Game device. D. G. Geekas. 1,918,094; July 11.
 Game device. J. Hetherington. 1,918,472; July 18.
 Game device. F. E. Hummel. 1,925,924; Sept. 5.
 Game device. J. E. Markle. 1,929,147; Oct. 3.
 Game device, Pin-ball amusement. A. D. Pearson. Des. 89,552; Mar. 28.
 Game device. D. C. Rockola. Des. 90,897; Oct. 17.
 Game device. D. C. Rockola. Des. 90,926-7; Oct. 24.
 Game device. J. K. Seymour. 1,939,142; Dec. 12.
 Game, Device for playing a. O. C. Britsch. 1,932,443; Oct. 31.
 Game, Electrical baseball. O. O. Lamb. 1,909,772; May 16.
 Game, Fishing pool. C. Sullivan. 1,910,863; May 23.
 Game, Football. L. H. Barringer. 1,923,607; Aug. 22.
 Game, Football. J. J. Warren. 1,922,904; Aug. 15.
 Game, Geometric golf practice. C. E. Scott. 1,939,230; Dec. 12.
 Game, Golf practice. E. S. Ryan. 1,932,049; Oct. 24.
 Game, Mechanical golf. J. W. Hughes. 1,908,359; May 9.
 Game net support. M. J. Johnson. 1,940,595; Dec. 19.
 Game of simulated golf played with darts. C. J. Sell and H. R. McKenney. 1,928,768; Oct. 3.
 Game of skill. H. J. Peo. 1,896,915; Feb. 7.
 Game of skill, Coin controlled. W. A. Tratsch. 1,912,324; May 30.
 Game of skill, Playing a. C. B. Winzer. 1,919,706; July 25.
 Game or puzzle board. C. F. Bedell. 1,899,177; Feb. 28.
 Game paddle. G. M. Young, J. P. Bowers, and R. W. Zearing. 1,928,583; Sept. 26.
 Game projecting apparatus. E. Baker, jr., and L. J. R. Holst. 1,919,922; July 25.
 Game, Racing. T. E. Rodman. 1,909,505; May 16.
 Game, Shooting. J. C. Moray. 1,929,327; Oct. 3.
 Game, Simulated racing. H. C. Lamb. 1,907,249; May 2.
 Game, Spinning. H. Eyles. 1,892,664; Jan. 3.
 Game, Square golf. H. H. Wilson. 1,899,546; Feb. 28.
 Game, such as quotts. A. Weinberg. 1,936,491; Nov. 21.
 Game table. R. F. Cannon. Des. 90,102; June 13.
 Game, Table. L. C. Gross. 1,930,973; Oct. 17.
 Game table. H. P. Luhn. 1,928,790; Oct. 3.
 Game table, Folding. E. A. Clark. 1,901,732; Mar. 14.
 Game, Table football. T. R. Potter. 1,905,303; Apr. 25.
 Games, Apparatus for playing race. F. A. A. Evans. 1,893,541; Jan. 10.
 Gaming device. J. E. Tolman and F. A. Subject. Des. 90,462; Aug. 8.
 Gamma ferric oxide and making same. O. Baudisch. 1,894,750; Jan. 17.
 Gamma ferric oxide hydrate and making same. O. Baudisch. 1,894,749; Jan. 17.
 Gang condenser. A. D. Cowperthwait. 1,907,097; May 2.
 Gang operated switch. J. J. Desmond. 1,903,095; Mar. 28.
 Gangway. D. H. Morgan. 1,905,947; Apr. 25.
 Gantry, Welding. G. Raymond. 1,910,259; May 23.
 Garage. A. N. Becker. 1,919,269; July 25.
 Garage. H. L. Fournier. 1,925,442; Sept. 5.
 Garage. P. Greer. 1,905,852; Apr. 25.
 Garage construction. H. L. Scott. 1,936,212; Nov. 21.
 Garage door holder. E. W. Felton. 1,913,683; June 13.
 Garage door holder. H. H. Raymond. 1,936,365; Nov. 21.

- Garage handling mechanism. A. S. Watson. 1,903,274; Mar. 28.
- Garage, Inclined floor. H. L. Scott. 1,906,773; May 2.
- Garage ventilating means. R. E. Snyder. 1,909,728; May 16.
- Garbage disinfecting device. N. Modad and L. Schneider. 1,928,864; Oct. 3.
- Garbage, Disposing of. E. L. and S. L. Coble. 1,898,243; Feb. 21.
- Garbage fill. J. P. Holland. 1,935,090; Nov. 14.
- Garbage receptacle, Molded. H. F. Sielaff. 1,895,010; Jan. 24.
- Garden chair. A. Euring. 1,921,460; Aug. 8.
- Garden implement. W. S. Howe and H. F. Causebrook. 1,940,129; Dec. 19.
- Garden implement. T. Jensen. 1,921,973; Aug. 8.
- Garden tool. E. T. Barron and E. L. Garthwaite. 1,913,786; June 13.
- Garden tool. A. W. Mandelko, Jr. 1,924,950; Aug. 29.
- Garden tool, Combination. E. O. Cooley. 1,928,347; Sept. 26.
- Gardening tool. J. Cox, jr. 1,925,952; Sept. 5.
- Gardening tool, Combination. G. A. Buttress. 1,908,506; May 9.
- Garment. P. S. Bloom. 1,927,018; Sept. 19.
- Garment. W. Doniger. 1,926,866; Sept. 12.
- Garment. J. S. Ducker. 1,915,597; June 27.
- Garment. G. Fordham. 1,916,789; July 4.
- Garment. J. Friedman. 1,908,288; May 9.
- Garment. R. O. Kennedy. 1,906,616; May 2.
- Garment. W. Kops. 1,899,761; Feb. 28.
- Garment. F. H. Lewis. 1,915,324; June 27.
- Garment. R. M. Lippman. Des. 90,812; Oct. 3.
- Garment. G. Nickerson. 1,899,769; Feb. 28.
- Garment. E. Platzner. Des. 89,972; May 23.
- Garment. D. Reichenbaum. 1,922,638; Aug. 15.
- Garment. M. Ryden and I. E. Schrodt. 1,910,715; May 23.
- Garment. M. C. Schrank. 1,894,062; Jan. 10.
- Garment. M. Staw. 1,895,237; Jan. 24.
- Garment. M. Staw. 1,931,331; Oct. 17.
- Garment. G. A. Steiner. 1,893,914; Jan. 10.
- Garment. T. Vaccaro. 1,912,327; May 30.
- Garment. C. B. Walsh. 1,899,487; Feb. 28.
- Garment. C. G. Wright. 1,897,096; Feb. 14.
- Garment, Abdominal. F. J. Stuart. 1,907,159; May 2.
- Garment and the like, Infatable elastic. J. Neulander. 1,919,032; July 18.
- Garment, Apparel. J. H. Rambo. 1,915,619; June 27.
- Garment, Baby. M. Collins. 1,929,015; Oct. 3.
- Garment, Baby. C. Sork. 1,929,263; Oct. 3.
- Garment bagging apparatus. B. V. Kabat. 1,908,983; May 16.
- Garment band. M. L. Heller. 1,930,049; Oct. 10.
- Garment, Bathing. A. Slotoff. 1,902,190; Mar. 21.
- Garment board. A. O. Buckingham. 1,905,793; Apr. 25.
- Garment bottom cutter. M. Schwartz and A. Shapiro. 1,939,833; Dec. 19.
- Garment, Child's. B. Fischer. 1,934,179; Nov. 7.
- Garment, Child's knitted. D. B. Johnson. Des. 91,137; Dec. 5.
- Garment, Child's sleeping. B. Fischer. 1,913,270; June 6.
- Garment cleaning machine. H. J. Ermisch. 1,926,977; Sept. 12.
- Garment, Combination. H. M. McDonald. 1,929,506; Oct. 10.
- Garment, Combination supporting. E. M. Reese. 1,917,543; July 11.
- Garment cover. R. M. Spence. 1,893,968; Jan. 10.
- Garment creaser. J. J. Nugent. 1,927,716; Sept. 19.
- Garment cuff, Adjustable. W. Hymes. 1,921,467; Aug. 8.
- Garment displaying device. H. C. Greene. 1,937,954; Dec. 5.
- Garment, Elastic. J. Field. 1,919,292; July 25.
- Garment, Ensemble. D. E. Berger. Des. 90,748; Sept. 26.
- Garment enveloping bag. J. Saulnier. 1,912,311; May 30.
- Garment fastening device. F. E. DeLong. 1,933,586; Nov. 7.
- Garment fastening device. B. Liebowitz. 1,906,472; May 2.
- Garment fastening device. B. Liebowitz. 1,906,690; May 2.
- Garment finishing table. J. W. Steele. 1,941,234; Dec. 26.
- Garment, Fitting. H. N. Grinager, G. E. Ongley, and R. R. Nassoy. 1,928,101; Sept. 26.
- Garment for babies, Sleeping. W. J. Munro. 1,940,224; Dec. 19.
- Garment for children, Outer. B. Cohen. 1,938,515; Dec. 5.
- Garment, Foundation. K. E. Cunningham. 1,899,890; Feb. 28.
- Garment hanger. J. G. and L. A. Campbell. 1,900,908; Mar. 14.
- Garment hanger. R. A. Dorrill. 1,896,771; Feb. 7.
- Garment hanger. S. Dworkin. 1,892,936; Jan. 3.
- Garment hanger. M. V. Gray. 1,906,058; Apr. 25.
- Garment hanger. B. Grozow. 1,893,519; Jan. 10.
- Garment hanger. F. Hille. 1,922,161; Aug. 15.
- Garment hanger. L. H. Koplow. 1,910,901; May 23.
- Garment hanger. I. Levin. 1,906,979; May 2.
- Garment hanger. L. M. Marble. 1,911,703; May 30.
- Garment hanger. R. E. Misbach. 1,929,284; Oct. 3.
- Garment hanger. R. H. Page. 1,922,858; Aug. 15.
- Garment hanger. R. J. Rink. 1,901,777; Mar. 14.
- Garment hanger. S. Rosenberg. 1,893,503; Jan. 10.
- Garment hanger. W. C. Stevens. 1,915,556; June 27.
- Garment hanger. C. T., jr., E. E., C. D., and R. L. Wilt. 1,893,815; Jan. 10.
- Garment hanger. S. K. Wolff. 1,914,840; June 20.
- Garment hanger, Combination. M. Navarte. 1,910,629; May 23.
- Garment hanger cover. H. M. Reed. 1,904,999; Apr. 25.
- Garment hangers. Manufacturing. W. I. Brown. 1,918,516; July 18.
- Garment, Infant. M. W. Clark. 1,926,194; Sept. 12.
- Garment, Lady's. M. L. Rieffannacht. 1,937,591; Dec. 5.
- Garment, Life saving. E. B. Jackson. 1,909,180; May 16.
- Garment material and pattern. A. D. Telzerow. 1,934,282; Nov. 7.
- Garment measuring device. B. M. Campbell. 1,912,691; June 6.
- Garment or ironing press. E. Davis. 1,936,751; Nov. 28.
- Garment or ironing press. E. Davis. 1,939,000; Dec. 12.
- Garment or ironing press. E. Davis. 1,940,641; Dec. 19.
- Garment or ironing press. E. Davis. 1,941,201; Dec. 26.
- Garment or ironing press. J. C. Ledbetter. 1,940,219; Dec. 19.
- Garment or similar article, Woman's coverall. S. Rosenhouse. Des. 90,127; June 13.
- Garment press. J. L. Card. 1,929,305; Oct. 3.
- Garment press. J. L. Card. 1,936,288; Nov. 21.
- Garment press. J. C. Ledbetter. 1,922,052; Aug. 15.
- Garment press. F. W. Lindemann. 1,906,071; Apr. 25.
- Garment press. S. J. Locke. 1,903,402; Apr. 4.
- Garment press. H. G. Sutton. 1,923,516; Aug. 22.
- Garment pressing machine. H. H. McDermott. 1,903,320; Apr. 4.
- Garment pressing machines, Actuating mechanism for. H. G. Beede. 1,897,689; Feb. 14.
- Garment protector. E. I. Abbott. 1,897,100; Feb. 14.
- Garment rack. A. E. Sanderson. 1,902,724; Mar. 21.
- Garment, Sanitary. J. G. Frieman. 1,924,642; Aug. 29.
- Garment, Slip-on. C. B. Jacobs. 1,903,403; Apr. 4.
- Garment stay. M. S. Higgins. 1,933,805-6; Nov. 7.
- Garment stay fastening means. J. F. Donahue. 1,895,612; Jan. 31.
- Garment steaming and pressing machine. W. Goldman. 1,915,821; June 27.
- Garment support. B. E. Householder. 1,939,981; Nov. 7.
- Garment supporter. C. T. La Mont. 1,913,934; June 13.
- Garment supporter. G. Rigante. 1,909,120; May 16.
- Garment supporter, Luggage carrier. A. Levine. 1,932,222; Oct. 24.
- Garment supporting device. W. A. Rowland. 1,928,137; Sept. 26.
- Garment, Under. A. Laver. 1,905,645; Apr. 25.
- Garment with stretch-limiting means, Elastic. S. D. Kops. 1,934,862; Nov. 14.
- Garments in simulation of fur garments, Producing model. J. Grey. 1,914,119; June 13.
- Garter. G. B. Cattell. 1,912,970; June 6.
- Garter and clasp therefor. F. Ellinger. 1,929,683; Oct. 10.
- Garter and making the same. H. A. Philips. 1,896,646; Feb. 7.
- Garter clasp. H. Koehl. 1,915,189; June 20.
- Garter fastener. O. J. Drews. 1,911,441; May 30.
- Garter pendant. R. S. Scott. 1,918,494; July 18.
- Garter, Reversible. G. A. Piepenbring and W. Beutel. 1,922,604; Aug. 15.
- Garters. M. F. Ascher. 1,922,413; Aug. 15.
- Gas absorbent. D. J. Block. 1,922,416; Aug. 15.
- Gas absorption element. S. Ruben. 1,895,490; Jan. 31.
- Gas anaesthetizer. O. H. Peak. 1,930,134; Dec. 12.
- Gas analysis. J. S. Bekley. 1,893,490; Jan. 10.
- Gas analysis, Apparatus for. I. Fagelston. 1,922,939; Aug. 15.
- Gas analyzer, Mechanically operated. A. B. Cunningham. 1,897,721; Feb. 14.
- Gas and liquid contact apparatus. J. Becker. 1,920,623; Aug. 1.
- Gas and liquid separator. W. H. De Lancey. 1,941,390; Dec. 26.
- Gas and liquid separator. T. V. Moore and H. D. Wilde, jr. 1,915,436; June 27.
- Gas and liquid storage device. J. H. Wiggins. 1,930,493-5; Oct. 17.
- Gas and oil burner, Combined. H. Barley. 1,931,478; Oct. 24.
- Gas and oil burner, Combined. N. Hubbard and M. S. Gerend. 1,938,335; Dec. 5.
- Gas and oil separator. M. J. Trumble and W. L. Seeley. 1,931,275; Oct. 17.
- Gas and similar gaseous hydrocarbons into a mixture of carbon monoxide and hydrogen in controlled proportions, Converting natural. W. D. Wilcox. 1,903,845; Apr. 18.
- Gas and vapor purification apparatus. M. J. Trumble and W. L. Seeley. 1,929,659; Oct. 10.
- Gas apparatus. E. J. Brady. 1,894,459; Jan. 17.
- Gas, Apparatus for and method of producing compressed. I. H. Levin. 1,921,531; Aug. 8.
- Gas, Apparatus for cleaning. F. H. Wagner. 1,940,198; Dec. 19.
- Gas, Apparatus for dehydrating. F. W. Sperr, jr. 1,905,068; Apr. 25.
- Gas, Apparatus for making. W. G. Laird. 1,906,470; May 2.
- Gas, Apparatus for making carburetted water. C. S. Christman. 1,898,575; Feb. 21.

- Gas, Apparatus for making inflammable. W. G. Holzschuh. 1,926,589; Sept. 12.
- Gas, Apparatus for manufacturing combustible. H. O. Loebell. 1,896,799; Feb. 7.
- Gas, Apparatus for producing combustible. F. W. Steere. 1,939,470-1; Dec. 12.
- Gas, Apparatus for purifying exhaust. J. Finn, jr. 1,919,626; July 25.
- Gas apparatus for the use of heavy oil, Carbureted water. J. A. Perrv. 1,913,682; June 13.
- Gas, Apparatus for transportation and distribution of liquefied. R. W. Thomas. 1,897,167; Feb. 14.
- Gas, Apparatus for treating. A. M. Harkness. 1,918,966; July 18.
- Gas boiler. A. A. Marks. 1,898,585; Feb. 21.
- Gas burner. E. C. Adams. 1,900,217; Mar. 7.
- Gas burner. W. A. Ahern. 1,939,941; Dec. 19.
- Gas burner. W. D. Antrim. 1,901,716; Mar. 14.
- Gas burner. H. B. Barber. 1,893,533; Jan. 10.
- Gas burner. V. S. Beck. 1,911,177; May 30.
- Gas burner. A. G. Blanchard. 1,935,346; Nov. 14.
- Gas burner. C. H. Butz. 1,907,734; May 9.
- Gas burner. C. L. Calboon. 1,912,254; May 30.
- Gas burner. B. Crisenberry. Des. 91,011; Nov. 14.
- Gas burner. F. J. Cox. 1,901,086; Mar. 14.
- Gas burner. F. G. Crone. 1,933,790; Nov. 7.
- Gas burner. E. S. Fedel and D. D. Potter. 1,914,772; June 20.
- Gas burner. P. M. Forster. 1,906,257; May 2.
- Gas burner. P. M. Forster. 1,908,135; May 9.
- Gas burner. C. J. Grayson. 1,937,474; Nov. 28.
- Gas burner. P. I. Hollman. 1,916,572; July 4.
- Gas burner. C. G. Irish, T. E. Burrington, and F. M. Thomas. 1,919,591; July 25.
- Gas burner. H. E. Kerr. 1,932,738-40; Oct. 31.
- Gas burner. H. Kielberg. 1,919,788; July 25.
- Gas burner. G. B. Killam. 1,893,587; Jan. 10.
- Gas burner. G. W. McKee. 1,916,933; July 4.
- Gas burner. R. B. McLavy and J. E. Conner. 1,903,903; Apr. 18.
- Gas burner. S. Morgan. 1,914,523; June 20.
- Gas burner. A. W. Morse. 1,906,483; May 2.
- Gas burner. A. W. Morse. 1,917,897; July 11.
- Gas burner. A. W. Morse. 1,922,628; Aug. 15.
- Gas burner. H. W. Moseley. 1,932,321; Oct. 24.
- Gas burner. M. L. Packer. 1,910,711; May 23.
- Gas burner. G. E. Pickup. 1,923,393-4; Aug. 22.
- Gas burner. M. J. Roberts. 1,931,589; Oct. 24.
- Gas burner. P. J. Sonner. 1,927,422; Sept. 19.
- Gas burner. A. H. Swain. 1,939,240; Dec. 12.
- Gas burner. A. U. Wetherbee. 1,898,799; Feb. 21.
- Gas burner, Adjustable. E. A. Hall. 1,915,823; June 27.
- Gas burner control device. W. B. Bastian. 1,897,600; Feb. 14.
- Gas burner, Low pressure. J. S. Fuller. 1,935,705; Nov. 21.
- Gas burning apparatus. N. T. Branche. 1,927,019; Sept. 19.
- Gas burning appliance for absorption refrigerators. L. S. Chadwick, M. Resek, and W. G. Midnight. 1,917,751; July 11.
- Gas carrying solids in suspension into branch conduits, Device for evenly distributing a. H. J. Kerr. 1,913,675; June 13.
- Gas coil material. W. A. Buedinger and S. G. Byam. 1,907,496; May 9.
- Gas choke for plunger lift devices. H. W. Fletcher. 1,919,548; July 25.
- Gas cleaner. F. H. Wagner. 1,940,197; Dec. 19.
- Gas, Cleaning. J. P. Fisher and G. F. Downs. 1,915,987; June 27.
- Gas cleaning apparatus, Flue. H. Bleibtren and J. B. Eberlein. 1,933,699; Nov. 7.
- Gas compressor, Liquid displacement. D. G. Griswold. 1,903,108; Mar. 28.
- Gas conditioner. C. G. Hawley. 1,894,744; Jan. 17.
- Gas container, Liquid. R. W. Thomas. 1,897,163; Feb. 14.
- Gas containing objects, Packaging of. J. M. Young. 1,921,015; Aug. 8.
- Gas control for plunger lift devices. N. H. Ricker. 1,932,480; Oct. 31.
- Gas control mechanism for automobiles. J. Bellis. 1,897,357; Feb. 14.
- Gas control system. C. S. Johann. 1,921,411; Aug. 8.
- Gas control unit. H. J. Pardee. 1,912,383; June 6.
- Gas control valve, Triple. T. B. Ryon. 1,923,165; Aug. 22.
- Gas controller for ovens, Automatic. A. M. Vedoe and C. Elbye. 1,917,346; July 11.
- Gas, Customer's apparatus for storing and dispensing liquid. P. S. Endacott. 1,897,160; Feb. 14.
- Gas, Customer's equipment for storing, protecting, and dispensing liquefied. R. W. Thomas. 1,897,166; Feb. 14.
- Gas cut-off valve, Automatic. D. D. Barnum. 1,909,745; May 16.
- Gas demand recording meter. R. H. Taylor. 1,911,777; May 30.
- Gas destroyer. L. V. Fogas. 1,934,596; Nov. 7.
- Gas discharge light. L. L. Beck and A. E. Noble. 1,903,493; Apr. 11.
- Gas discharge relay. J. M. Schmierer. 1,893,638; Jan. 10.
- Gas dispensing apparatus. J. M. Rowland. 1,894,497; Jan. 17.
- Gas distribution, Method of and apparatus for. H. D. Straight. 1,932,537; Oct. 31.
- Gas distributor, Stupefying. R. L. Clark. 1,924,025; Aug. 22.
- Gas engine. H. Heusser. 1,899,869; Feb. 28.
- Gas equalizer for internal combustion engines. W. N. Cook. 1,921,282; Aug. 8.
- Gas escape warning device. B. T. Morrison. 1,895,394; Jan. 24.
- Gas filled discharge device. F. Meyer and H. J. Spanner. 1,928,202; Sept. 26.
- Gas filled tube. C. J. R. H. von Wedel. 1,929,043; Oct. 3.
- Gas filling and sealing of tubes. J. H. Staley. 1,895,177; Jan. 24.
- Gas-fired furnace. H. Petsch. 1,901,770; Mar. 14.
- Gas fixtures. J. V. Kindl. 1,917,982; July 11.
- Gas flow, Apparatus for controlling. C. H. Weiskopf. 1,941,287; Dec. 26.
- Gas flow orifice, Variable. H. A. Atwater. 1,913,149; June 6.
- Gas fuel economizer for burners. C. M. Hall. 1,930,614; Oct. 17.
- Gas furnace. E. A. Jones. 1,927,174; Sept. 19.
- Gas furnace. T. W. Torr. 1,899,486; Feb. 28.
- Gas furnace. G. E. White. 1,936,003; Nov. 21.
- Gas gathering system. A. E. Harnsberger. 1,918,100; July 11.
- Gas generating apparatus. A. Johnson. 1,923,541; Aug. 22.
- Gas, Generating combustible. C. O. Wannack. 1,935,925; Nov. 21.
- Gas generating means for oil burners, Auxiliary. O. Falkenwalde. 1,893,403; Jan. 3.
- Gas, Generating producer. F. N. Becker. 1,931,716; Oct. 24.
- Gas generation. G. W. Lorimer. 1,912,081; May 30.
- Gas generation. G. W. Lorimer. 1,916,577; July 4.
- Gas generation, Continuous water. H. Hillebrand. 1,913,237; June 6.
- Gas generator. W. I. Battin. 1,897,950; Feb. 14.
- Gas generator. H. C. Heaton. 1,921,465; Aug. 8.
- Gas generator. W. F. Paquette. 1,907,264; May 2.
- Gas generator. E. W. Weaver. 1,932,565; Oct. 31.
- Gas generators, Mechanical grate for. J. S. Haug. 1,917,839; July 11.
- Gas handling apparatus. E. I. McKesson. 1,896,716; Feb. 7.
- Gas heat in the manufacture of sulphite cellulose, and of simultaneously recovering sulphurous acid, Utilizing exhaust. E. Oman. 1,908,615; May 9.
- Gas heater. B. C. Bartlebaugh. 1,937,217; Nov. 28.
- Gas heater. E. S. Burch. 1,932,242; Oct. 24.
- Gas heater. E. J. Hader. 1,935,845; Nov. 21.
- Gas heater. L. C. Smith. 1,918,617; July 18.
- Gas heater, Circulating. J. E. Leonard. 1,926,104; Sept. 12.
- Gas heater, Combination. E. C. Adams. 1,928,194; Sept. 26.
- Gas holder. H. F. Jurisch. 1,910,922; May 23.
- Gas holder. W. G. Laird. 1,894,535-7; Jan. 17.
- Gas holder. J. R. L. Santos. 1,894,635; Jan. 17.
- Gas holder. J. H. Wiggins. 1,912,675; June 6.
- Gas holder of the piston closure type. R. Bergfeld. 1,918,894; July 18.
- Gas holder seal heating system. C. I. Baker. 1,918,315; July 18.
- Gas-holder, Waterless. K. Jagschitz. 1,923,093; Aug. 22.
- Gas holder, Waterless. F. Schurmann. 1,925,408; Sept. 5.
- Gas hub, Exhaust. T. A. Dicks. 1,893,820; Jan. 10.
- Gas ignition apparatus. G. H. Irwin. 1,928,428; Sept. 26.
- Gas ignition device. S. Perrv. 1,903,792; Apr. 18.
- Gas in coke ovens, Apparatus for producing. J. Van Ackeren. 1,924,819; Aug. 29.
- Gas in gas lines, Device for controlling the flow of. C. Edwards. 1,940,346; Dec. 19.
- Gas in internal combustion engines, Controlling recycling of exhaust. W. H. McAdams. 1,916,325; July 4.
- Gas keeper. J. M. G. Darms. 1,922,930; Aug. 15.
- Gas lamp. J. O. Cadieux. 1,932,509; Oct. 31.
- Gas lift appliance. S. H. Grinnell and A. C. Rubel. 1,910,762; May 23.
- Gas-lifts, Method and apparatus for controlling. P. Subkow. 1,907,608; May 9.
- Gas machine. R. E. Wilson. 1,907,924; May 9.
- Gas making apparatus. H. O. Loebell. 1,937,580; Dec. 5.
- Gas making apparatus. C. I. Tenney. 1,900,961; Mar. 14.
- Gas, Making combustible. W. W. Odell. 1,930,442-3; Oct. 10.
- Gas, Making oil. R. E. Whitlock. 1,902,004; Mar. 21.
- Gas making process. A. Johnson. 1,923,540; Aug. 22.
- Gas, Making Producer. A. P. Van Heeden. 1,900,141; Mar. 7.
- Gas manufacture. J. B. Eberlein and G. R. Steere. 1,900,958; Mar. 14.
- Gas manufacture. G. G. Oberfell and R. W. Thomas. 1,926,170; Sept. 12.
- Gas manufacture. C. J. Ramsburg. 1,920,951; Aug. 1.
- Gas manufacture. G. R. Steere. 1,900,959; Mar. 14.
- Gas manufacture apparatus. J. Becker. 1,920,622; Aug. 1.
- Gas manufacture, Continuous. O. Heller. 1,924,856; Aug. 29.
- Gas, Manufacture of carbureted water. E. L. Hall. 1,939,393; Dec. 12.

- Gas manufacturing apparatus. G. J. Nordmeyer. 1,932,828; Oct. 31.
- Gas, Manufacturing oil. L. B. Harris. 1,928,784; Oct. 3.
- Gas, Manufacturing SO_2 . I. Hechenbleikner. 1,900,239; Mar. 7.
- Gas-measuring device. A. W. Machlet. 1,899,764; Feb. 28.
- Gas measuring process and apparatus. H. A. Daynes. 1,922,666; Aug. 15.
- Gas meter. A. D. MacLean and H. G. Weymouth. 1,898,253; Feb. 21.
- Gas meter. H. H. Sprague. 1,893,601; Jan. 10.
- Gas, Method and apparatus for producing fixed carbureted air. W. G. Watkins. 1,903,583; Apr. 11.
- Gas, Method and apparatus for transportation and distribution of liquefied. P. S. Endacott and R. W. Thomas. 1,897,185; Feb. 14.
- Gas, Method of and apparatus for making combustible. E. X. Schmidt. 1,912,044; May 30.
- Gas mixer, Antibackfiring. S. Basseau, née Guichard. 1,913,787; June 13.
- Gas mixtures more particularly coke oven gas, Separating. H. Hausen. 1,913,805; June 13.
- Gas motor, Rotary. F. L. Berggren. 1,918,174; July 11.
- Gas offtake apparatus. W. J. B. Leech, S. Hay, H. Hollings, and A. E. Burton. 1,919,955; July 25.
- Gas or electric cooking apparatus. J. Teller and A. P. Schulz. 1,938,470; Dec. 5.
- Gas or steam turbine casing. G. Bauer and C. Schmieske. 1,923,251; Aug. 22.
- Gas or vapor pump. A. J. M. A. van der Does de Bijde. 1,930,403; Oct. 10.
- Gas package. G. C. Queich. 1,907,579; May 9.
- Gas, Preparation of strong hydrogen halide. E. O. Barstow and S. B. Heath. 1,897,996; Feb. 21.
- Gas pressure apparatus. P. E. Klopsteg. 1,917,846; July 11.
- Gas pressure maintenance. H. A. Fee. 1,938,956; Dec. 12.
- Gas pressure regulator. C. H. Morrow. 1,927,669; Sept. 19.
- Gas pressure regulator. R. Neumann. 1,895,047; Jan. 24.
- Gas pressure regulator. L. W. Stettner. 1,918,720; July 18.
- Gas pressure regulator. W. I. Thrall. 1,931,777; Oct. 24.
- Gas producer. A. L. Galusha. 1,901,807; Mar. 14.
- Gas producer. J. A. Macdonald. 1,938,296; Dec. 5.
- Gas producer. C. Schneider and F. Sabel. 1,911,586; May 30.
- Gas producer. J. Van Ackeren. 1,924,820; Aug. 29.
- Gas producer. J. van Ackeren. 1,928,608-9; Sept. 26.
- Gas producer and other furnace. A. L. Galusha. 1,926,939; Sept. 12.
- Gas producer fuel support. P. A. J. Cousin. 1,938,517-8; Dec. 5.
- Gas producer, Pressure. K. Koller. 1,899,157-8; Feb. 28.
- Gas producing apparatus. C. Warner. 1,923,600; Aug. 22.
- Gas, Producing combustible. S. C. G. Ekelund. 1,938,139; Dec. 5.
- Gas, Producing hydrochloric acid. T. A. Mitchell. 1,923,324; Aug. 22.
- Gas, Producing water. P. Wangemann. 1,921,711; Aug. 8.
- Gas production, Inert. A. D. Harrison. 1,894,766; Jan. 17.
- Gas, Production of producer. J. A. Macdonald. 1,938,297; Dec. 5.
- Gas protective apparatus. J. W. Young. 1,912,055; May 30.
- Gas purification. G. A. Bragg. 1,936,570; Nov. 28.
- Gas purification. G. A. Bragg, D. L. Jacobson, and P. J. Wilson, jr. 1,932,507; Oct. 31.
- Gas purification. G. M. Carvlin. 1,932,812; Oct. 31.
- Gas purification. H. H. Dow. 1,919,778; July 25.
- Gas purification. H. A. Gollmar. 1,937,196; Nov. 28.
- Gas purification. H. F. Smith. 1,925,413; Sept. 5.
- Gas purification. J. C. Woodhouse. 1,912,877; June 6.
- Gas purification, Electrical. C. Hahn and C. T. Buff. 1,909,825; May 16.
- Gas purification material and using same. H. A. Gollmar. 1,924,185; Aug. 29.
- Gas, Purification of. A. L. Smyly. 1,934,242; Nov. 7.
- Gas purification process. F. W. Sperr, jr. 1,928,509; Sept. 26.
- Gas purifier, Exhaust. S. F. Placko, jr. 1,897,912; Feb. 14.
- Gas, Purifying. O. W. Lusby. 1,900,883; Mar. 7.
- Gas, Purifying. W. W. Odell. 1,926,058; Sept. 12.
- Gas, Purifying hydrochloric acid. G. P. Adamson. 1,936,078; Nov. 21.
- Gas purifying material, Revivifying fouled. F. W. Sperr, jr. 1,920,603; Aug. 1.
- Gas reactions at high temperatures, Contrivance for carrying out. J. Daniels. 1,920,632; Aug. 1.
- Gas, Reforming natural. J. A. Yunker. 1,902,747; Mar. 21.
- Gas reforming process. C. W. Andrews. 1,911,597; May 30.
- Gas refrigerating apparatus. H. J. Nachman. 1,902,715; Mar. 21.
- Gas regulator. G. W. Lorimer. 1,919,894; July 25.
- Gas regulator, House service. R. E. Joyce. 1,918,602; July 18.
- Gas, Removing impurities from. J. W. Bartlett. 1,916,551; July 4.
- Gas rich in free hydrogen, Manufacture of. P. L. Young and W. V. Hanks. 1,904,593; Apr. 18.
- Gas sampling apparatus. G. H. Halvorson. 1,932,582; Oct. 31.
- Gas saver. C. A. Borgeson. 1,902,275; Mar. 21.
- Gas saver. R. H. Masters. 1,934,987; Nov. 14.
- Gas saver. H. K. Ryder. 1,905,606; Apr. 25.
- Gas, Separating and delivering casing head. D. G. Lorraine. 1,898,637; Feb. 21.
- Gas scrubber. S. L. Pearce. 1,929,712; Oct. 10.
- Gas shut-off fire valve device. L. D. Lovekin. 1,924,868; Aug. 29.
- Gas shut-off valve, Automatic. F. C. Utterback and G. W. Warrick. 1,917,619; July 11.
- Gas stove casing. N. B. Geddes. Des. 90,108-9; June 13.
- Gas supply system, Oxygen. J. E. Eshbaugh. 1,917,958; July 11.
- Gas tank cap lock. J. W. M. Prosser. 1,907,365; May 2.
- Gas tester, Optical. H. Wittemeier. 1,900,477; Mar. 7.
- Gas, Thermal decomposition of natural. C. E. Starr. 1,903,247; Mar. 28.
- Gas tight joint, Flexible. C. A. Brandt. 1,896,216; Feb. 7.
- Gas-tight tank. H. Reinecke and J. H. Tromanhauser. 1,909,502; May 16.
- Gas, Treating combustible. W. W. Odell. 1,925,151; Sept. 5.
- Gas treatment. A. R. Powell. 1,905,053; Apr. 25.
- Gas, Treatment of. J. A. Shaw. 1,936,862; Nov. 28.
- Gas, Treatment of fuel. F. W. Sperr, jr. 1,924,813; Aug. 29.
- Gas valve. J. V. Kindl. 1,917,981; July 11.
- Gas valve. J. V. Kindl. 1,917,983; July 11.
- Gas valve. J. V. Kindl. 1,918,758; July 18.
- Gas valve, Automatic shut-off. H. O. Stout. 1,911,590; May 30.
- Gas washing apparatus. H. E. Brassert, F. W. Barrett, and J. P. Grilli. 1,927,486; Sept. 19.
- Gaseous and liquid substances, Apparatus for mixing. W. Mueller. 1,936,308; Nov. 21.
- Gaseous conduction apparatus. C. G. Smith. 1,933,396; Oct. 31.
- Gaseous conduction apparatus. P. L. Spencer. 1,931,299; Oct. 17.
- Gaseous conduction devices, Manufacture of. F. L. Hunter, jr. 1,922,245; Aug. 15.
- Gaseous conduction method and apparatus. C. G. Smith. 1,929,123; Oct. 3.
- Gaseous content in liquids, Apparatus for analyzing the. O. Rodhe. 1,919,861; July 25.
- Gaseous discharge device. H. Friedrichsen. 1,930,089; Oct. 10.
- Gaseous-discharge device. D. M. Moore. 1,900,578; Mar. 7.
- Gaseous discharge device. H. W. Parker. 1,925,110; Sept. 5.
- Gaseous discharge device. A. L. Samuel. 1,921,004; Aug. 8.
- Gaseous discharge device. C. G. Smith. 1,935,894; Nov. 21.
- Gaseous discharge device. P. L. Spencer. 1,906,119; Apr. 25.
- Gaseous discharge tube, High intensity. W. F. Hendry. 1,900,109; Mar. 7.
- Gaseous electric discharge device. F. Skaupy, H. Ewest, and H. Fulfrich. 1,905,759; Apr. 25.
- Gaseous light, High-intensity. F. A. Berg. 1,928,002; Sept. 26.
- Gaseous light-valve. C. F. Jenkins. 1,894,042; Jan. 10.
- Gaseous mixtures at low temperatures, Liquefaction and separation of. M. C. Jean and P. Matile. 1,935,505; Nov. 14.
- Gaseous mixtures by liquefaction, Separation of. H. Lantz. 1,894,180; Jan. 10.
- Gaseous mixtures containing hydrogen and nitrogen from methane, Production of. G. Wietzel and G. Schiller. 1,921,856; Aug. 8.
- Gaseous mixtures containing hydrogen, Treatment of. M. C. Jean and P. Matile. 1,919,842; July 25.
- Gaseous mixtures containing sulphur dioxide, Production of. M. Schroeder. 1,901,416; Mar. 14.
- Gaseous mixtures, Separation and purification of. G. A. Bragg. 1,920,626; Aug. 1.
- Gaseous mixtures, Treating. W. C. Asbury. 1,934,029; Nov. 7.
- Gaseous products, Apparatus for the treatment of. I. Hechenbleikner. 1,929,246; Oct. 3.
- Gaseous reactions, Effecting catalytic exothermic. R. S. Richardson. 1,910,365; May 23.
- Gaseous reactions, Process and apparatus for catalytic. J. L. Brill. 1,893,492; Jan. 10.
- Gases and apparatus therefor, Purification of. K. Beuthner. 1,895,601; Jan. 31.
- Gases and equipment therefor, Treating and utilizing. W. A. Darrah. 1,906,447; May 2.
- Gases and enriching with liquid hydrocarbons, Cracking hydrocarbon. J. A. Perry. 1,939,410; Dec. 12.
- Gases and oils, Apparatus for treating hydrocarbon and other. H. T. Darlington. 1,893,667; Jan. 10.
- Gases and the like, Apparatus for the treatment of flue. S. L. Pearce. 1,908,782; May 16.
- Gases and vaporous mixtures, Method and apparatus for absorption of constituents from. C. D. Gard. 1,898,579; Feb. 21.

- Gases and vapors, Apparatus for determining the specific gravity of. H. A. Romp. 1,937,437; Nov. 28.
- Gases and vapors, Apparatus for the thermal dissociation of hydrocarbon. W. D. Wilcox. 1,892,862; Jan. 3.
- Gases and vapors, Apparatus for the thermal dissociation of hydrocarbon. W. D. Wilcox. 1,916,545; July 4.
- Gases and vapors to produce a mixture of nitrogen and hydrogen in determined proportions, Dissociating hydrocarbon. W. D. Wilcox. 1,901,136; Mar. 14.
- Gases, Apparatus for dissociating hydrocarbon. W. D. Wilcox. 1,929,665; Oct. 10.
- Gases, Apparatus for heating. P. H. Royster. 1,940,371; Dec. 19.
- Gases, Apparatus for measuring. D. E. Silcox. 1,911,853; May 30.
- Gases, Apparatus for mixing. F. Mangiameli. 1,896,092; Feb. 7.
- Gases, Apparatus for preparing pressure. C. W. P. Heylandt. 1,901,447; Mar. 14.
- Gases, Apparatus for transferring and storing liquefied. C. W. P. Heylandt. 1,901,445; Mar. 14.
- Gases, Apparatus for use in the catalytic oxidation of. G. A. Berry, C. P. Linville and A. P. Beardsley. 1,900,857; Mar. 7.
- Gases by contact with a liquid, Method and device for cooling. H. F. de Saugy. 1,920,682; Aug. 1.
- Gases by electrolysis, Apparatus for producing. E. M. Crawford. 1,913,429; June 13.
- Gases, Compressing. B. S. Aikman. 1,927,864; Sept. 26.
- Gases, Conserving liquefied. C. W. P. Heylandt. 1,901,446; Mar. 14.
- Gases containing acetylene, Purification of. O. Eisenhut and H. Schilling. 1,894,763; Jan. 17.
- Gases containing carbon dioxide and hydrogen, Treatment of. W. Bader and E. E. Stimson. 1,913,364; June 13.
- Gases containing carbon dioxide, Reducing. B. M. S. Kalling and C. von Delwig. 1,929,069; Oct. 3.
- Gases containing SO_2 and H_2SO_4 , Apparatus for regulating the temperature of. L. Gillet. 1,934,419; Nov. 7.
- Gases containing unsaturated hydrocarbons, Treatment of. M. Mueller-Cunradi, O. Eisenhut, and H. Schilling. 1,938,083; Dec. 5.
- Gases, Conversion of hydrocarbon. G. Egloff. 1,904,362; Apr. 18.
- Gases, Conversion of hydrocarbon. G. Egloff. 1,933,845; Nov. 7.
- Gases, Desulphurization of. K. Goetze. 1,911,498; May 30.
- Gases, Desulphurizing. E. Raffloer. 1,900,667; Mar. 7.
- Gases, Device for recirculating highly heated. J. S. Miller. 1,908,040; May 9.
- Gases electrically, Purifying. R. Strigel and W. Feldmann. 1,896,758; Feb. 7.
- Gases, Electrolytic production of. O. K. Enzor. 1,898,352; Feb. 21.
- Gases for the synthesis of ammonia, Purification of. A. Etienne, A. Gosselin and R. Du Chaffaut. 1,915,723; June 27.
- Gases from above the sealing piston in waterless gas holders, Apparatus for drawing off heavy. F. Einbeck. 1,940,535; Dec. 19.
- Gases from carbides and water, Production of. P. Keusen. 1,893,777; Jan. 10.
- Gases from combustion furnaces and the like, Washing of flue. H. J. Hodsman and A. Taylor. 1,931,408; Oct. 17.
- Gases from one container to another, Process and apparatus for transferring liquefied. C. W. P. Heylandt. Re18,876; June 20.
- Gases from viscose silk cakes or cheeses, Eliminating. J. Koostra. 1,930,392; Oct. 10.
- Gases, Method and apparatus for compressing. N. C. Christensen. 1,929,350; Oct. 3.
- Gases, Method of and apparatus for measuring. T. W. Stone. 1,924,468; Aug. 29.
- Gases of internal combustion engines, Apparatus for treating exhaust. C. J. Kryzanowsky. 1,893,372; Jan. 3.
- Gases, Process of and apparatus for liquefying. R. H. McKee. 1,932,903; Oct. 31.
- Gases, Process and apparatus for the liquefaction of. C. W. P. Heylandt. Des. 19,031; Dec. 19.
- Gases, Purification of. H. Baehr. 1,900,751; Mar. 7.
- Gases, Purification of coal distillation. A. Pott. 1,894,419; Jan. 17.
- Gases, Purifying. A. White and P. K. Frolich. 1,911,780; May 30.
- Gases, Purifying coal. F. Overdick. 1,915,755; June 27.
- Gases, Reforming of natural. W. F. Faber. 1,918,254-5; July 18.
- Gases rich in methane into more valuable products, Converting. H. Harter. 1,920,858; Aug. 1.
- Gases, Separating. R. L. Hasche. 1,939,693; Dec. 19.
- Gases, Separating acidic. R. R. Bottoms. Re18,958; Sept. 26.
- Gases, Separation of. N. C. Christensen. 1,939,104; Dec. 12.
- Gases, Separation of. R. L. Hasche. 1,939,696; Dec. 19.
- Gases, Separation of mixtures of the rare. K. Peters and K. Weil. 1,906,917; May 2.
- Gases, Transferring liquefied. C. W. P. Heylandt. Re18,774; Mar. 21.
- Gases, Treating. G. F. Uhde. 1,923,897; Aug. 22.
- Gases, Treating hydrogen-sulphide containing. J. W. Harrell. 1,915,364; June 27.
- Gases, Treatment of. C. T. Buff. 1,905,993; Apr. 25.
- Gases, Treatment of. W. K. Lewis. 1,934,075; Nov. 7.
- Gases under pressure by means of liquefied gases, Apparatus for the distribution of. C. Picard. 1,895,295; Jan. 24.
- Gases with liquids, Process and apparatus for mixing. A. H. Munro. 1,935,190; Nov. 14.
- Gasification apparatus. W. B. Chapman. 1,918,739; July 18.
- Gasification apparatus, Complete. H. G. Terzian. 1,913,646; June 13.
- Gasification chamber, Vertical. F. Rippl. 1,911,393; May 30.
- Gasifier. G. L. Reichhelm. 1,932,478; Oct. 31.
- Gasifier, feeder, and regulator, for internal engines, Duplex. F. C. Lindsey. 1,926,449; Sept. 12.
- Gasket. C. B. Bailey. 1,917,214; July 11.
- Gasket. G. T. Balfe. 1,927,450; Sept. 19.
- Gasket. G. T. Balfe. 1,928,585; Sept. 26.
- Gasket. F. Bengel. 1,896,278; Feb. 7.
- Gasket. S. W. Braner. 1,893,881; Jan. 10.
- Gasket. S. H. Clark. 1,893,399; Jan. 3.
- Gasket. S. H. Clark. 1,912,255; May 30.
- Gasket. M. D. Fitzgerald. 1,903,990; Apr. 18.
- Gasket. M. D. Fitzgerald. 1,935,552; Nov. 14.
- Gasket. W. R. Gillies. 1,917,834; July 11.
- Gasket. R. Gollong. 1,928,251; Sept. 26.
- Gasket. H. B. Kendall. 1,896,795; Feb. 7.
- Gasket. A. H. Kinzel. 1,913,677; June 13.
- Gasket. E. A. Sutcliffe. 1,932,538; Oct. 31.
- Gasket. B. J. Victor. 1,897,088; Feb. 14.
- Gasket. B. J. Victor. 1,932,539; Oct. 31.
- Gasket. J. H. Victor. 1,904,651; Apr. 18.
- Gasket. J. H. Victor. 1,911,484; May 30.
- Gasket. J. H. Victor. 1,913,736; June 13.
- Gasket. L. Wald. 1,927,859; Sept. 26.
- Gasket. L. Wideman, A. W. Anderson, and P. L. Rider. 1,904,910; Apr. 18.
- Gasket-attaching means. F. W. Dearborn. 1,920,635; Aug. 1.
- Gasket cutter. R. A. Hall. 1,924,717; Aug. 29.
- Gasket cutting machine. C. C. Lenarth. 1,897,203; Feb. 14.
- Gasket, Cylinder head. M. D. Fitzgerald. 1,911,226; May 30.
- Gasket, Flexible. E. E. Hewitt. 1,914,600; June 20.
- Gasket for internal-combustion engines, Cylinder head. F. R. Stephens. 1,928,116; Sept. 26.
- Gasket for packer assemblies. O. L. McCabe. 1,928,259; Sept. 26.
- Gasket for train pipe conduits. J. M. Brill and M. A. Barber. 1,918,685; July 18.
- Gasket holding means. L. D. Woodruff. 1,899,785; Feb. 28.
- Gasket, Middle. R. Gollong. 1,928,252; Sept. 26.
- Gasket renewing means for automatic train pipe connectors. J. Robinson. 1,908,867; May 16.
- Gasket or packing structure. J. W. Moore. 1,930,766; Oct. 17.
- Gasket, Saddle. G. Seaberg. 1,937,793; Dec. 5.
- Gasket, Sealing. J. N. Laycock. 1,918,478; July 18.
- Gaskets of jar caps, Making and applying. M. G. Parks. 1,899,524; Feb. 28.
- Gasolene pump meter, Prepayment. M. L. Pike. 1,921,775; Aug. 8.
- Gasoline and other hydrocarbon liquids from natural gas, Recovering. W. G. Laird. 1,920,941; Aug. 1.
- Gasoline dispensing pump. R. T. Meyer. 1,938,922-3; Dec. 12.
- Gasoline-electric generator. R. M. Heintz. Des. 89,760; May 2.
- Gasoline from natural gas, Recovery of. E. R. Cox. 1,937,871-2; Dec. 5.
- Gasoline from petroleum hydrocarbons, Production of. A. D. Smith and N. H. Ranstead. 1,928,985; Oct. 3.
- Gasoline gauge. N. W. Cummings. 1,897,419; Feb. 14.
- Gasoline gauge. G. A. Szabo. 1,918,672; July 18.
- Gasoline gauge, Electric. J. Zubaty. 1,902,933; Mar. 28.
- Gasoline, Leadized. F. W. Sullivan, Jr., and F. F. Diwoky. 1,938,547; Dec. 5.
- Gasoline, Manufacturing. J. W. Brown. 1,930,453; Oct. 10.
- Gasoline, Neutralizing and sweetening. H. H. Cannon. 1,924,911; Aug. 29.
- Gasoline or the like, Treating. J. C. Morrell. 1,930,248; Oct. 10.
- Gasoline, Process and apparatus for making nondetonating. F. W. Sullivan, Jr., and V. Voorhees. 1,938,546; Dec. 5.
- Gasoline, Producing. C. R. Wagner. 1,913,691; June 13.
- Gasoline, Producing. C. R. Wagner. 1,934,896; Nov. 14.
- Gasoline, Producing. C. R. Wagner. 1,938,945; Dec. 12.
- Gasoline pump. R. B. Whitman. 1,893,972; Jan. 10.
- Gasoline pump and a valve therefor. F. F. Rike. 1,918,931; July 18.
- Gasoline purifier. H. Thomas. 1,929,907; Oct. 10.
- Gasoline, Recovery of natural. R. N. Parks. 1,917,899; July 11.
- Gasoline, Refining. F. E. Kimball. 1,892,801; Jan. 3.
- Gasoline stock from petroleum oils, Process and apparatus for cracking and separating. J. C. Black. 1,896,345; Feb. 7.

- Gasoline tank and ignition locking device. H. W. Gang. 1,918,093; July 11.
- Gasoline thiefproof appliance. O. D. Broderick. 1,931,342; Oct. 17.
- Gasoline vapor generator, Automatic. V. P. Guillemin. 1,914,089; June 13.
- Gasoline with beryllium salts, Refining. F. E. Kimball. 1,895,223; Jan. 24.
- Gasoline with zinc chloride, Refining. F. E. Kimball. 1,917,648; July 11.
- Gasometer, Waterless. G. V. Hanffstengel. 1,921,617; Aug. 8.
- Gasometers, Constructing telescoping. K. Jagschitz. 1,916,051; June 27.
- Gate: *See*—
- Automatic gate. Race-starting gate.
 - Compound film gate. Railroad crossing gate.
 - Crest gate. Railway crossing gate.
 - Crossing gate. Railway gate.
 - Elevator gate. Regulating and controlling gate.
 - Flux box gate. Self-cleaning fish gate.
 - Irrigation gate.
 - Mechanically operated gate.
- Gate. W. A. Cross. 1,908,659; May 9.
- Gate. M. Fleck. 1,897,554; Feb. 14.
- Gate. M. Fleck. 1,906,903; May 2.
- Gate. F. B. Peebles. 1,903,633; Apr. 11.
- Gate and stall, Race track starter barrier. W. Albright. 1,903,414; Apr. 4.
- Gate attachment. F. St. Clair. 1,927,720; Sept. 19.
- Gate elevator, Tail. L. S. Troell. 1,919,608; July 25.
- Gate for both ways of flow in substantially horizontal sluices, Adjustable. A. Huguenin. 1,920,698; Aug. 1.
- Gate for car dumping apparatus, Deflector. A. L. and K. H. Smith. 1,925,647; Sept. 5.
- Gate for motion picture machines. A. Dina. 1,900,920; Mar. 14.
- Gate for multiple films. W. T. Crespinel. 1,927,887; Sept. 26.
- Gate hoisting system. H. Tengström. 1,922,829; Aug. 15.
- Gate latch. C. Campbell. 1,929,479; Oct. 10.
- Gate latch. C. Campbell. 1,939,954; Dec. 19.
- Gate latch. P. T. Maxwell. 1,896,909; Feb. 7.
- Gate lock. F. Kitzelman. 1,918,814; July 18.
- Gate operating device. B. B. Akers. 1,894,549; Jan. 17.
- Gate operating means, Crossing. H. M. Meyer and R. R. Scheidler. 1,938,192; Dec. 5.
- Gate operating mechanism. H. D. Colman. 1,913,976; June 13.
- Gate securing means. W. P. Haythorn. 1,899,149; Feb. 28.
- Gate structure. G. S. Strandt. 1,895,595; Jan. 31.
- Gate supporting mechanism. N. A. Gussack. 1,914,775; June 20.
- Gate valve. D. J. Moran. 1,901,255; Mar. 14.
- Gate valve. E. G. Smith. 1,898,147; Feb. 21.
- Gates from castings, Apparatus for breaking. W. C. Speck and E. Barker. 1,929,264; Oct. 3.
- Gathering and inserting machine. F. McCarthy. 1,916,847; July 4.
- Gathering implement. J. Walsh. 1,939,475; Dec. 12.
- Gauge: *See*—
- Angle gauge. Micrometer gauge.
 - Clearance gauge. Miter gauge.
 - Clutch gauge. Mortise gauge.
 - Comparator gauge. Oil sedimentation gauge.
 - Connecting rod gauge. Pitch gauge.
 - Cylinder gauge. Pressure gauge.
 - Dead weight gauge. Pressure release gauge.
 - Dental cross gauge. Printing press gauge.
 - Depth gauge. Pyrometer gauge.
 - Dial indicator gauge. Railway track gauge.
 - Drift gauge. Reed gauge.
 - Electric gauge. Roofer's gauge.
 - Float gauge. Scale beam gauge.
 - Fluid pressure gauge. Screw-thread caliper gauge.
 - Foundation gauge. Screw thread gauge.
 - Gasoline gauge. Sheet gauge.
 - Glazing thickness gauge. Snap gauge.
 - Grinding gauge. Strain gauge.
 - Hydrostatic fuel gauge. Tank gauge.
 - Illuminated gauge. Testing gauge.
 - Indicating gauge. Tire gauge.
 - Indicator snap gauge. Tire pressure gauge.
 - Intercentric gauge. Tolerance gauge.
 - Liquid gauge. Tool gauge.
 - Liquid level gauge. Tractor gauge.
 - Liquid recording gauge. Water gauge.
 - Magnetic fluid gauge. Wheel aligning gauge.
 - Measuring gauge. Wrist pin gauge.
 - Micrometer depth gauge.
- Gauge. W. L. Bryant. 1,912,618; June 6.
- Gauge. F. W. Dwyer. 1,917,637; July 11.
- Gauge. T. M. Eynon. 1,928,620; Oct. 3.
- Gauge. F. S. Gruver and E. Aschenbach. 1,932,159; Oct. 24.
- Gauge. L. N. Hampton. 1,908,316; May 9.
- Gauge. E. E. Hans. 1,902,998; Mar. 28.
- Gauge. G. N. Hutchinson. 1,930,273; Oct. 10.
- Gauge. P. H. Hutchinson. 1,922,093; Aug. 15.
- Gauge. H. G. Jackson. 1,901,451; Mar. 14.
- Gauge. C. G. Johnson. 1,908,253; May 9.
- Gauge. J. W. Motherwell. 1,933,383; Oct. 31.
- Gauge. R. M. Nelson. 1,898,257; Feb. 21.
- Gauge. F. W. Yutzler. 1,911,239; Dec. 26.
- Gauge and guide for layering butter. J. Horan. 1,932,626; Oct. 31.
- Gauge and guide, Router. A. E. O. Wendorf. 1,904,109; Apr. 18.
- Gauge and pump, Depth. L. H. Wheeler. 1,897,876; Feb. 14.
- Gauge and thickness trimmer, Combined slug. C. W. Curle. 1,903,528; Apr. 11.
- Gauge automatically correcting the temperature, Pressure. S. G. Cantacuzene. 1,894,366; Jan. 17.
- Gauge baffle. B. McClelland. 1,939,509; Dec. 12.
- Gauge, Bourdon lever type of pressure. C. J. Manuel. 1,904,492; Apr. 18.
- Gauge cock or valve. J. B. Semon. 1,924,886; Aug. 29.
- Gauge construction for tanks. J. J. Tokheim. 1,937,447; Nov. 28.
- Gauge device. A. R. Koos. 1,904,143; Apr. 18.
- Gauge fixture. M. J. Graham. 1,906,461; May 2.
- Gauge for centrifugal baskets, Loading. E. Roberts. 1,906,767; May 2.
- Gauge for cold headers and the like. W. L. Clouse. 1,921,345; Aug. 8.
- Gauge for concrete floors. F. O. Bergstrand. 1,894,392; Jan. 17.
- Gauge for cutting machines. B. F. Berry. 1,923,293; Aug. 22.
- Gauge for cutting machines. T. D. Howe, jr. 1,936,088; Nov. 21.
- Gauge for determining pitch of propeller blades. G. A. Prior. 1,902,180; Mar. 21.
- Gauge for low temperature fluids. C. S. Bull. 1,902,276; Mar. 21.
- Gauge for measuring flow of fluids in conduits, Differential pressure. A. Lang. 1,900,823; Mar. 7.
- Gauge for saws, Fence. G. M. Leash. 1,911,628; May 30.
- Gauge for sheet metal shears, Automatic. E. B. Hudson. 1,900,933; Mar. 14.
- Gauge for subatmospheric pressures. J. Dubrovin. 1,928,096; Sept. 26.
- Gauge for testing eccentricity of insulators. F. A. Leibe. 1,898,133; Feb. 21.
- Gauge for use in trimming moustaches. A. S. Golanke. 1,907,063; May 2.
- Gauge for volatile liquids, Liquid level. N. H. Gay. 1,904,785; Apr. 18.
- Gauge mechanism for grinding machines and the like. H. L. Blood. 1,929,966; Oct. 10.
- Gauge mechanism for punch presses. G. J. Greiner. 1,934,303; Nov. 7.
- Gauge protecting device. O. W. Heise. 1,915,608; June 27.
- Gauge protector, Steam pressure. L. O. Thompson. 1,912,954; June 6.
- Gauge rod cleaner. S. S. Juliar. 1,909,834; May 16.
- Gauge stop for paper drills. J. E. Lee and F. Barney. 1,928,383; Sept. 26.
- Gauge unit, Pressure. J. H. L. Joyce. 1,909,409; May 16.
- Gauge with diaphragm seal, Liquid level. C. A. De Giers. 1,920,971; Aug. 8.
- Gauging apparatus. J. L. Alden. 1,897,566; Feb. 14.
- Gauging apparatus. L. I. Dennison and C. F. Dreyer. 1,894,025; Jan. 10.
- Gauging apparatus. F. G. Hughes. 1,893,205; Jan. 3.
- Gauging instrument for vehicle wheels. W. Bagge. 1,922,344; Aug. 15.
- Gauging machine. P. H. Hutchinson. 1,919,434; July 25.
- Gauging mechanism for internal grinders. H. V. Thiernebohm. 1,918,198; July 11.
- Gazing globe. A. G. Thomas. 1,921,896; Aug. 8.
- Gear: *See*—
- Aeroplane running gear. Luminous head gear.
 - Aircraft landing gear. Molded gear.
 - Airplane landing gear. Motor gear.
 - Beach landing gear. Power steering gear.
 - Boat launching gear. Railway draft gear.
 - Boat lowering gear. Reducing gear.
 - Change speed gear. Retractable landing gear.
 - Draft and buffer gear. Reverse gear.
 - Draft gear. Reversing valve gear.
 - Driving gear. Running gear.
 - Electrical switch gear. Screw gear.
 - Electromagnetic gear. Silent gear.
 - Flying machine landing gear. Speed transmission gear.
 - Friction draft gear. Starter gear.
 - Hydraulic gear. Steering gear.
 - Hydraulic steering gear. Supporting gear.
 - Hydraulic valve gear. Switch gear.
 - Idler gear. Tractor running gear.
 - Inlet valve gear. Transmission gear.
 - Landing gear. Valve gear.
 - Lifeboat detaching gear. Variable speed gear.
 - Locomotive reverse gear. Vehicle steering gear.
 - Locomotive reverse gear. Wheel gear.
- Gear. M. W. Piercey. 1,903,390; Apr. 4.
- Gear. R. H. Rosenberg. 1,928,763; Oct. 3.
- Gear. C. H. Seifert. 1,897,865; Feb. 14.
- Gear assembly, Landing. G. M. Bellanca. 1,924,481; Aug. 29.
- Gear box, Change speed. L. A. Demkier and D. L. Meyers. 1,917,507; July 11.
- Gear casing. G. H. Acker. 1,902,934; Mar. 28.
- Gear casing. F. A. Nilsson. 1,909,626; May 16.
- Gear change means, Manually selective power actuated band. A. C. Peterson. 1,913,949; June 13.

- Gear changing mechanism. R. Hopkinson. 1,915,093; June 20.
- Gear changing mechanism, Automatic. A. P. Bloxsom. 1,911,599; May 30.
- Gear changing set, Automatic. E. F. Wantland. 1,935,755; Nov. 21.
- Gear control mechanism, Change. J. F. Alcock. 1,940,236; Dec. 19.
- Gear cutter. S. H. Earle. 1,899,023; Feb. 28.
- Gear cutter. S. H. Earle. 1,914,411; June 20.
- Gear cutter. E. C. Head. 1,898,051; Feb. 21.
- Gear cutter. E. C. Head. 1,913,486; June 13.
- Gear cutter. J. F. Leahy. 1,926,645-6; Sept. 12.
- Gear cutter, Spiral bevel. E. L. Fickett. 1,925,528; Sept. 5.
- Gear cutting. N. Trbojevic. 1,898,154; Feb. 21.
- Gear cutting machine. L. O. Carlsen. 1,925,726; Sept. 5.
- Gear cutting machines, Automatic throw-out mechanism for. E. Finsen. 1,905,456; Apr. 25.
- Gear cutting mechanism. H. E. Stonebraker. 1,893,043; Jan. 3.
- Gear cutting tool. L. D. Slade. 1,931,169; Oct. 17.
- Gear device, Automatically variable change speed. D. W. Berlin. 1,914,067; June 13.
- Gear device, Automatically variable change-speed. D. W. Berlin. 1,928,244; Sept. 26.
- Gear device, Automatically variable change speed. D. W. Berlin. 1,939,099-100; Dec. 12.
- Gear device, Change. G. Blackstock. 1,909,608; May 16.
- Gear drive and controlling same, Intermittent. E. Pick. 1,937,326; Nov. 28.
- Gear entraining mechanism. R. S. A. Dougherty and E. J. Miller. 1,911,493; May 30.
- Gear for aircraft, Landing. J. Lloyd. 1,903,186; Mar. 28.
- Gear for aircraft, Landing. F. S. Wigley and L. F. Austing. 1,928,471; Sept. 26.
- Gear for aircraft, Landing. T. P. Wright and R. R. Osborn. 1,917,078; July 4.
- Gear for airplanes, Landing. F. B. Bell. 1,933,361; Oct. 31.
- Gear for catapults, Retarding. C. C. Mitchell. 1,898,884; Feb. 21.
- Gear for coal washers and concentrators and operating the same, Valve. T. M. Chance. 1,894,020; Jan. 10.
- Gear for dirigibles, Landing. R. Thorpe. 1,897,539; Feb. 14.
- Gear for engines, Blower and driving. B. G. Parsons. 1,902,095; Mar. 21.
- Gear for engines, compressors, pumps, and the like, Driving. R. E. Watts. 1,898,411; Feb. 21.
- Gear for furnaces, Reversing. O. Reiner. 1,893,786; Jan. 10.
- Gear for internal combustion engine superchargers, Two-speed. A. G. Forsyth. 1,933,424; Oct. 31.
- Gear for internal combustion engine, Valve control. E. Eimer. 1,902,696; Mar. 21.
- Gear for plunger pumps, Crank. W. E. Ferguson. 1,921,182; Aug. 8.
- Gear for road vehicles, Running. W. T. Hanna. 1,940,798; Dec. 26.
- Gear for vehicles, Differential. G. I. Welsh. 1,938,649; Dec. 12.
- Gear for washing machines and similar reversible machines, Reversible. E. Schürmann. 1,927,851; Sept. 26.
- Gear grinder and the like. O. Garrison. 1,909,398; May 16.
- Gear head for turbine pumps. E. O. Ames. 1,915,845; June 27.
- Gear housing, Propeller. F. T. Irgens. 1,932,523; Oct. 31.
- Gear lock for combined turntables and tractors. H. E. Scott. 1,917,160; July 4.
- Gear lubricant dispenser. C. G. Wilson. 1,912,748; June 6.
- Gear lubrication. W. D. Hodson. 1,907,258; May 2.
- Gear mechanism. E. E. McCollum. 1,913,403; June 13.
- Gear mechanism, Draft. J. C. Whitridge. 1,941,160; Dec. 26.
- Gear mechanism for drilling machines. W. P. Hunt and H. Fink. 1,935,715; Nov. 21.
- Gear mechanism for meter transmission, Auxiliary. W. J. Marden. 1,913,494; June 13.
- Gear mechanism, Reducing. M. E. Stephenson. 1,912,801; June 6.
- Gear mechanism, Sprag. J. Pratt. 1,923,842; Aug. 22.
- Gear mechanism, Steering. C. D. McCall. 1,905,484; Apr. 25.
- Gear motor. E. B. Lear. 1,908,370; May 9.
- Gear pin, Automobile. J. Lorimer. 1,895,384; Jan. 24.
- Gear polishing machine. T. J. Mullen and W. C. Powell. 1,915,749; June 27.
- Gear pump. L. L. Edwards. 1,927,395; Sept. 19.
- Gear pump. C. W. Lawser. 1,897,560; Feb. 14.
- Gear pump. O. N. Phillips. 1,896,970; Feb. 7.
- Gear pump, Adjustable displacement. E. J. Svenson. 1,912,737; June 6.
- Gear pump, Multipressure. E. J. Svenson. 1,912,738; June 6.
- Gear-reduction constant-speed unit with universal motors. E. H. Knight. 1,924,322; Aug. 29.
- Gear retaining means. A. E. Kilpela. 1,940,455; Dec. 19.
- Gear selector. H. M. McLearn. 1,895,722; Jan. 31.
- Gear set. W. P. Schmitter. 1,894,927; Jan. 17.
- Gear shift and parking brake operating device, Combined. D. E. Lessler. 1,908,907; May 16.
- Gear shift, Automatic. J. C. Stafford. 1,909,191; May 16.
- Gear shift control. J. H. Sampson. 1,929,153; Oct. 3.
- Gear shift for automobiles. G. E. Bennett. 1,923,905; Aug. 22.
- Gear shift for motor vehicles. J. J. Szepe. 1,906,287; May 2.
- Gear shift lever. S. L. Hjermstad. 1,908,423; May 9.
- Gear shift lever. E. E. Murray and A. D. Knapp. 1,911,322; May 30.
- Gear shift lever horn button system. E. T. Nester. 1,895,337; Jan. 24.
- Gear-shift lever switch. G. Treese. 1,895,260; Jan. 24.
- Gear shift lock. A. E. Leach. 1,897,851; Feb. 14.
- Gear shift, Single-cable cowl mounted. B. F. Schmidt. 1,897,216; Feb. 14.
- Gear shift, Transmission. O. W. Hensley and M. Hensley. 1,936,510; Nov. 21.
- Gear shifting apparatus. B. P. Scholz. 1,897,591; Feb. 14.
- Gear shifting device. C. S. Hadley and R. W. Fischer. 1,906,262; May 2.
- Gear shifting device. G. M. Hartsock. 1,896,893; Feb. 7.
- Gear-shifting mechanism. K. W. Gaskill. 1,903,758; Apr. 18.
- Gear shifting mechanism. F. Ginsburg. 1,905,635; Apr. 25.
- Gear shifting mechanism. D. Hoppenstand. 1,933,908; Nov. 7.
- Gear shifting mechanism. S. A. Jeffries. 1,899,332-3; Feb. 28.
- Gear shifting mechanism. C. D. Peterson. 1,909,889; May 16.
- Gear shifting mechanism. B. M. Van Derhoff. 1,934,895; Nov. 14.
- Gear shifting mechanism. F. W. Zelcer. 1,894,970; Jan. 24.
- Gear shifting mechanism, Automatic. H. A. Hanson. 1,899,685; Feb. 28.
- Gear shifting mechanism, Controlling. K. H. Conley. 1,938,319; Dec. 5.
- Gear shifting mechanism for auxiliary gear sets of change speed transmission gearing. C. D. Peterson. 1,916,892; July 4.
- Gear shifting mechanism for motor vehicles. H. Bernard. 1,938,796; Dec. 12.
- Gear shifting mechanism, Main and auxiliary. C. D. Peterson. 1,898,140; Feb. 21.
- Gear speed adapter, Spur. R. O. Helgeby and D. D. Waller. 1,919,512; July 25.
- Gear stabilizer, Steering. J. F. Cavanagh. 1,916,167; June 27.
- Gear teeth, Method of and machine for hobbing. J. B. Sinderson. 1,905,311; Apr. 25.
- Gear testing machine. O. F. Bauer. 1,909,088; May 16.
- Gear testing machine. R. S. Condon. 1,911,435; May 30.
- Gear tooth rounder. H. D. Tanner. 1,923,763; Aug. 22.
- Gear tooth shape. R. J. S. Pigott. 1,909,117; May 16.
- Gear transmission, Variable speed. A. L. Ellis and D. R. Francis. 1,922,887; Aug. 15.
- Gear wheel. F. W. Kennedy. 1,922,812; Aug. 15.
- Gear wheel grinding machine. R. J. Bullows. 1,899,793; Feb. 28.
- Gear wheel lapping tool. T. R. Rideout. 1,924,380; Aug. 29.
- Geared electric motor. W. R. Uggla. 1,913,523; June 13.
- Gearing. A. Lyscholt. 1,898,198; Feb. 21.
- Gearing. E. Wildhaber. 1,893,572; Jan. 10.
- Gearing. E. Wildhaber. 1,895,360; Jan. 24.
- Gearing, Change-speed. J. H. Chambers. 1,935,018; Nov. 14.
- Gearing, Change speed. E. E. Lathrop. 1,924,559; Aug. 29.
- Gearing, Epicyclic. F. Soddy. 1,910,777; May 23.
- Gearing for shovel cranes, Drive. L. A. Russell. 1,933,874; Nov. 7.
- Gearing for steering mechanically propelled vehicles and for other purposes. R. Bishop. 1,899,663; Feb. 28.
- Gearing, Friction. T. G. Rennerfelt. 1,936,858; Nov. 28.
- Gearing, Friction. W. Schweitzer. 1,906,772; May 2.
- Gearing, Frictional. B. Thomson. 1,903,228; Mar. 28.
- Gearing, Logarithmic. M. R. Hutchison, jr. 1,903,677; Apr. 11.
- Gearing, Manufacturing. J. L. Matthews. 1,902,656; Mar. 21.
- Gearing of vehicle brakes, Apparatus for varying the leverage of the link and lever. A. Dietrich. 1,937,267; Nov. 28.
- Gearing of vehicle brakes, Apparatus for varying the leverage of the link and lever. R. Engels and J. Rihosek. 1,898,528; Feb. 21.
- Gearing, Reduction. I. Short. 1,893,042; Jan. 3.
- Gearing, Roller. C. P. Baker. 1,914,797; June 20.
- Gearing, Speed changing. L. H. Wente. 1,898,753; Feb. 21.
- Gearing, Transmission. C. E. F. Ahlm. 1,893,640; Jan. 10.
- Gearing, Transmission. C. E. Starr. 1,899,401; Feb. 28.
- Gearing, Variable speed. C. S. and R. S. Prendergast. 1,904,629; Apr. 18.
- Gearing, Variable speed friction. J. H. Robertson and L. Gutteridge. 1,916,533; July 4.
- Gearing with rear clutch, Transmission. J. E. Padgett. 1,916,891; July 4.
- Gearing, Worm. H. Walker. 1,903,273; Mar. 28.
- Gearing, Worm. E. Wildhaber. 1,902,683; Mar. 21.
- Gearing, Worm. E. Wildhaber. 1,903,318; Apr. 4.

- Gearing, Yieldable. V. A. Kjaer. 1,916,482; July 4.
 Gearless type pressure gauge. J. E. Eshbaugh. 1,937,879; Dec. 5.
 Gears and the like, Method of and machine for hobbing. J. B. Sinderson. 1,905,310; Apr. 25.
 Gears comprising oil pressure operated control couplings particularly for ships' drives, Reversing. A. Dürig. 1,896,440; Feb. 7.
 Gears, Cutting. E. C. Head. 1,093,043; Mar. 28.
 Gears, Cutting. E. Wildhaber. 1,924,476; Aug. 29.
 Gears, Cutting the teeth of. O. G. Simmons. 1,904,956; Apr. 18.
 Gears, Forming. E. Wildhaber. 1,934,754; Nov. 14.
 Gears, Manufacturing silent. R. W. Lytle. 1,912,083; May 30.
 Gears, Method and apparatus for lapping. A. C. Page. 1,912,216; May 30.
 Gears, Method of and machine for producing. A. H. Candee. 1,922,756; Aug. 15.
 Gears, Method of and machine for producing. A. H. Candee and L. O. Carlsen. 1,937,628; Dec. 5.
 Gears, Method of and machine for producing. A. L. Stewart. 1,940,703; Dec. 26.
 Gears, Method of and machine for producing. A. L. Stewart, A. H. Candee, and L. O. Carlsen. 1,937,727; Dec. 5.
 Gears of the bevel differential type, Drive transmission. C. R. Waseige. 1,912,955; June 6.
 Gears, Process and apparatus for accurately cutting and rectifying. P. E. Amann. 1,925,025; Aug. 29.
 Gears, Producing. A. H. Candee. 1,922,757; Aug. 15.
 Gears, Truing. R. B. Fehr. 1,924,736; Aug. 29.
 Gel formation and composition obtained. J. W. McBain. 1,934,725; Nov. 14.
 Gelatin blanks, Preparing. L. T. Troland. 1,924,890; Aug. 29.
 Gelatin product and preparing the same. C. C. Zeigler. 1,929,732; Oct. 10.
 Gelatin stock, Treatment of. W. D. Richardson. 1,911,205; May 30.
 Gelatine capsules, Manufacturing. M. Stein. 1,898,507; Feb. 21.
 Gelatine product and preparing the same, New. C. C. Zeigler. 1,896,049; Jan. 31.
 Gelatine relief image, Colored. D. A. Spencer, H. D. Murray, and L. W. Oliver. 1,939,026; Dec. 12.
 Gelatinous product, Flexible transparent. H. Heckel. 1,902,304; Mar. 21.
 Gelatinous surfaces and the like, Cleaning. B. S. Tuttle. 1,924,892; Aug. 29.
 Gels and preparing same, Plural. W. A. Patrick and E. H. Barclay. 1,896,055; Jan. 31.
 Gels, Making. G. C. Connolly. 1,935,176; Nov. 14.
 Gels, Making. G. C. Connolly. 1,935,178; Nov. 14.
 Gels, Making. G. C. Connolly and E. B. Miller. 1,900,859; Mar. 7.
 Gems, Device for producing imitation. G. Maier. 1,908,774; May 16.
 General utility tool. W. L. Greider. 1,906,906; May 2.
 Generator. *See—*
 Acetylene generator. Magneto-electric generator.
 Controlling generator. Multiple booster or multiple vibration generator.
 Current generator. Oil gas generator.
 Elastic fluid generator. Oscillation generator.
 Electric generator. Polyphase current generator.
 Electrical generator. Pressure fluid generator.
 Foam generator. Producer gas generator.
 Gas generator. Steam generator.
 Gasoline vapor generator. Tachometer generator.
 High tension generator. Tuning rod generator.
 Homopolar generator. Vapor generator.
 Hot water generator. Welding generator.
 Hydroelectric power generator. Vinegar generator.
 Lighting generator.
 Generator-absorber for intermittent absorption refrigerators. L. S. Chadwick and M. Resek. 1,898,616; Feb. 21.
 Generator and amplifier of high frequency oscillations. Thermionic. G. M. Wright and S. B. Smith. 1,940,986; Dec. 26.
 Generator and brush holder. L. S. Williams. 1,908,805; May 16.
 Generator and modulator, High frequency. A. Hund. 1,925,534; Sept. 5.
 Generator control, Steam. A. Doble. 1,927,205; Sept. 19.
 Generator cooling device. J. B. Hiday. 1,921,030; Aug. 8.
 Generator device for liquid fuel stoves. G. E. Pickup. 1,898,597; Feb. 21.
 Generator device for liquid fuel stoves. G. E. Pickup. 1,923,882; Aug. 22.
 Generator driving apparatus. G. E. Hulse. 1,909,963; May 23.
 Generator equipment. R. P. Lansing. 1,898,973; Feb. 21.
 Generator fed by centrifugal pumps, Steam. A. Lieberherr. 1,938,916; Dec. 12.
 Generator for hydraulic turbines. G. A. Biggs. 1,913,582; June 13.
 Generator for hydrocarbon burners. S. S. Piegras. 1,894,417; Jan. 17.
 Generator for sieves, troughs, and like apparatus, Oscillation. G. Linke. 1,896,712; Feb. 7.
 Generator hook-up. H. J. Mastenbrook. 1,923,320; Aug. 22.
 Generator ignition control. C. Ringwald. 1,929,651; Oct. 10.
 Generator or water heater, Steam. H. J. Fountain. 1,915,089; June 20.
 Generator regulation. B. M. Leece and D. S. Cole. 1,900,719; Mar. 7.
 Generator regulation. C. Stansbury. 1,937,921; Dec. 5.
 Generator regulator for automotive vehicles. D. O. Clegg. 1,917,097; July 4.
 Generator regulator for motor vehicle electric systems, Electric. R. E. Wike. 1,939,870; Dec. 19.
 Generator, Steam and hot water. J. A. McNey. 1,918,414; July 18.
 Generator voltage regulator, Direct current. L. A. Hyland. 1,905,291; Apr. 25.
 Generators, Apparatus for the control of vibrating. P. N. Bossart. 1,940,386; Dec. 19.
 Generators, Low water actuated means for steam. D. R. Koontz. 1,898,490; Feb. 21.
 Geneva movement device. E. Miller. 1,932,141; Oct. 24.
 Geodetic instrument. H. von Bertrab. 1,908,923; May 16.
 Geometrical device. H. M. McCully. 1,912,380; June 6.
 Geometrical instrument. L. H. Dawson. 1,921,508; Aug. 8.
 Geometrical instrument. O. W. Richards and P. M. Roope. 1,907,873; May 9.
 Geophysical exploration method. O. H. Truman. 1,919,917; July 25.
 Geophysical exploration, Method and apparatus for. L. W. Blau. 1,911,137; May 23.
 Germ-gland substances in a water-soluble condition, Obtaining. W. Hohlweg. 1,916,478; July 4.
 Germicidal and detergent substances. A. R. Cade and H. O. Halvorson. 1,901,434; Mar. 14.
 Germicide, fungicide, etc., and using the same. M. S. Kharasch. 1,920,311; Aug. 1.
 Germs, Treatment of wheat. E. Komm. 1,896,490; Feb. 7.
 Gir elevator. H. E. Hallenbeck. 1,936,477; Nov. 21.
 Gill drawing frame. W. Holdsworth. 1,937,570; Dec. 5.
 Gilsonite and solution of same, Soluble. I. J. Novak. 1,925,085; Sept. 5.
 Girder, Constructing a. B. N. Wallis. 1,913,097; June 6.
 Girder, Open truss. E. J. W. Ragsdale. 1,924,880-1; Aug. 29.
 Girde. C. A. Hoffman. 1,931,822; Oct. 24.
 Girde and brassière, Combined. J. Siegel. 1,938,115; Dec. 5.
 Girdle, Athletic. J. L. Montmarquet. 1,936,336; Nov. 21.
 Girdle, Elastic. E. B. Smith. 1,912,664; June 6.
 Gladiolus. C. Salbach. Pl. Pt. 77; Oct. 3.
 Gladstone bag. L. Braverman. 1,897,887; Feb. 14.
 Gland. H. E. La Bour. 1,924,407; Aug. 29.
 Glare dimmer attachment. W. R. Uhlemann. 1,899,905; Feb. 28.
 Glare eliminator. A. C. Hurrell and E. G. Minneman. 1,927,285; Sept. 19.
 Glare eliminator for vehicle headlights. L. C. Rowley. 1,901,058; Mar. 14.
 Glare screen. W. G. Carr, jr. 1,920,185; Aug. 1.
 Glare shield bracket, Adjustable. F. Rabbitt. 1,895,583; Jan. 31.
 Glass. F. Gelstharp and J. H. Sherts. 1,936,231; Nov. 21.
 Glass, Acid grooving safety. B. J. Dennison. 1,930,587; Oct. 17.
 Glass and making it, Laminated. J. C. Zola. 1,920,619; Aug. 1.
 Glass and making same. P. E. Harth. 1,925,381; Sept. 5.
 Glass and making same, Nonshatterable. M. J. Walsh. 1,923,245; Aug. 22.
 Glass and making the same, Laminated. W. H. Moss. 1,923,111; Aug. 22.
 Glass and making the same, Laminated. J. C. Zola. 1,908,004; May 9.
 Glass and making the same, Nonshattering. I. Ostromislensky. 1,913,127; June 6.
 Glass and means therefor, Feeding. W. J. Miller. 1,934,811; Nov. 14.
 Glass and method of producing it, Low expansion black. W. C. Taylor. 1,919,264; July 25.
 Glass and producing the same, Laminated. G. B. Watkins. 1,937,396; Nov. 28.
 Glass, Apparatus and method for drawing. A. E. Spinasse. 1,925,414; Sept. 5.
 Glass, Apparatus for and method of making. H. A. Wadman. 1,905,534; Apr. 25.
 Glass, Apparatus for annealing. H. Lebel. 1,895,547; Jan. 31.
 Glass, Apparatus for annealing continuous sheets of. C. Heuze. 1,928,254; Sept. 26.
 Glass, Apparatus for conditioning molten. A. J. Smith. 1,893,063; Jan. 3.
 Glass, Apparatus for cutting flat. 1,893,658; Jan. 10.
 Glass, Apparatus for drawing. H. L. Halbach. 1,909,948; May 23.
 Glass, Apparatus for feeding. A. H. Stewart. 1,926,823; Sept. 12.
 Glass, Apparatus for feeding molten. J. W. Harding. 1,934,676; Nov. 7.
 Glass, Apparatus for feeding molten. K. E. Peiler. 1,909,152; May 16.
 Glass, Apparatus for feeding molten. K. E. Peller. 1,911,529; May 30.

- Glass, Apparatus for feeding molten. K. E. Peiler. 1,914,156; June 13.
- Glass, Apparatus for feeding molten. W. R. Sterrett. 1,935,527; Nov. 14.
- Glass, Apparatus for feeding molten. E. P. Wood and W. C. Osterbrock. 1,898,705; Feb. 21.
- Glass, Apparatus for forming sheet or plate. J. L. Drake. 1,908,825; May 16.
- Glass, Apparatus for grinding and polishing. F. B. Waldron. 1,908,580; May 9.
- Glass, Apparatus for making. G. E. Howard. 1,937,321; Nov. 28.
- Glass, Apparatus for making composite. J. H. Sherts. 1,906,821; May 2.
- Glass, Apparatus for making corrugated wire. A. Shuman. 1,915,255; June 20.
- Glass, Apparatus for making plate. W. Owen. 1,905,743; Apr. 25.
- Glass, Apparatus for making tubular. L. D. Soubier. 1,926,410; Sept. 12.
- Glass, Apparatus for producing laminated. J. W. H. Randall. 1,897,862; Feb. 14.
- Glass, Apparatus for producing sheet. J. A. Reece. 1,922,637; Aug. 15.
- Glass, Apparatus for producing sheet. W. Wildermuth. 1,932,651; Oct. 31.
- Glass, Apparatus for rolling plate. G. J. Nameche. 1,928,026; Sept. 26.
- Glass, Apparatus for sealing laminated. G. B. Watkins and J. H. Boicey. 1,928,160; Sept. 26.
- Glass, Apparatus for supplying molten. K. E. Peiler. 1,905,494-5; Apr. 25.
- Glass, Apparatus for surfacing plate. J. L. Drake and L. L. Handy. 1,911,269; May 30.
- Glass, Apparatus for the manufacture of sheet. C. Cone. 1,904,978; Apr. 18.
- Glass, Apparatus for use in the manufacture of laminated. C. B. Schafer. 1,933,639; Nov. 7.
- Glass, Apparatus for use in the manufacture of sheet. J. M. Fisher. 1,934,794; Nov. 14.
- Glass, Apparatus for washing sheet. L. J. Pierce. 1,921,479; Aug. 8.
- Glass apparatus, Sheet. J. H. Redshaw. 1,922,327; Aug. 15.
- Glass articles, Method and apparatus for producing. L. D. Soubier. 1,894,069; Jan. 10.
- Glass articles, Treating. R. D. Smith. 1,899,485; Feb. 28.
- Glass bar and making same. J. Gross. 1,899,146; Feb. 28.
- Glass, Bent-window. H. A. Tidemann. Des. 90,429; Aug. 1.
- Glass blank transfer. F. O'Neill. 1,906,086; Apr. 25.
- Glass blanks and article produced thereby, Apparatus for the manufacturing of plate. W. H. Allison. 1,895,362; Jan. 24.
- Glass blowing machine. A. Kadow and J. E. McLaughlin. 1,931,497; Oct. 24.
- Glass-blowing machine. W. A. Morton. 1,928,599; Sept. 26.
- Glass blowing machine. R. Patterson. 1,939,917; Dec. 19.
- Glass blowing machine. L. D. Soubier. 1,895,137; Jan. 24.
- Glass blowing machine. L. D. Soubier. 1,895,139; Jan. 24.
- Glass blowing machine. L. D. Soubier. 1,898,222; Feb. 21.
- Glass blowing machine, Automatic. A. C. Parker. 1,915,836; June 27.
- Glass bodies on a mandrel, Device for stringing. J. Aninga. 1,892,744; Jan. 3.
- Glass by electricity, Process and apparatus for melting. H. F. Hitner. 1,906,594; May 2.
- Glass, Changeant or opalescent. N. Kreidl. 1,899,760; Feb. 28.
- Glass charges to shallow molds, Delivering molten. K. E. Peiler. 1,920,593; Aug. 1.
- Glass cleansing device. D. J. Farmer. 1,936,259; Nov. 21.
- Glass coffee making machine. A. D. Nash. 1,937,203; Nov. 28.
- Glass, Composite. M. L. Macht. 1,906,474; May 2.
- Glass. Contact. F. Fertsch and H. Hartinger. 1,921,971-2; Aug. 8.
- Glass container. A. D. Nash. Des. 89,716; Apr. 25.
- Glass cutter. G. W. Aldeen. 1,927,865; Sept. 26.
- Glass cutter. E. B. Odgers. 1,941,221; Dec. 26.
- Glass cutting and dressing machine, Portable. F. B. Carruthers. 1,906,739; May 2.
- Glass cutting machine. O. C. Natlis. 1,906,279; May 2.
- Glass cutting machine, Multiple. C. F. and N. H. Klages. 1,907,297; May 2.
- Glass cutting mechanism. L. D. Soubier. 1,906,650; May 2.
- Glass dipping rack, Photoengraver's. C. E. Riley. 1,902,338; Mar. 21.
- Glass drawing apparatus. H. F. Clark. 1,901,896; Mar. 21.
- Glass drawing apparatus. J. H. Redshaw. 1,905,748; Apr. 25.
- Glass drawing tank. H. L. Halbach. 1,920,692; Aug. 1.
- Glass edging machine. C. B. Schafer. 1,933,640; Nov. 7.
- Glass, Fastening. S. Umegaki and H. Hisamatsu. 1,920,722; Aug. 1.
- Glass feeder. A. M. Algeo. 1,926,024; Sept. 12.
- Glass feeder. D. Stenhouse. 1,904,754; Apr. 18.
- Glass feeder, Pneumatic. T. Stenhouse. 1,898,101; Feb. 21.
- Glass feeder, Pneumatic. T. Stenhouse. 1,926,122; Sept. 12.
- Glass feeding apparatus. E. P. Dorman. 1,926,764; Sept. 12.
- Glass feeding apparatus and method. K. E. Peiler. 1,902,788; Mar. 21.
- Glass feeding apparatus, Automatic charge guide adjusting mechanism for. H. A. Wadman. 1,917,199; July 4.
- Glass feeding, Apparatus for. S. G. Stuckey. 1,916,155; June 27.
- Glass feeding machine. J. F. Dowling. 1,894,030; Jan. 10.
- Glass for covering walls and ceilings, Structural. W. D. Hadley. 1,920,503; Aug. 1.
- Glass for working, Bedding. F. F. Shetterly. 1,911,587; May 30.
- Glass forming machine. A. M. Algeo and G. R. Haub. 1,911,870; May 30.
- Glass furnace. G. Lufkin. 1,923,942; Aug. 22.
- Glass furnace. T. C. Moorshead and F. A. Hurlbut. 1,907,361; May 2.
- Glass furnace. L. D. Soubier. 1,904,957; Apr. 18.
- Glass gathering tank. E. G. Bridges. 1,898,289; Feb. 21.
- Glass, Gauge. D. E. Stines and J. W. Packie. 1,899,886; Feb. 28.
- Glass giving daylight effects, Heat resisting. W. H. Rising. 1,924,752; Aug. 29.
- Glass grinding and polishing machine. H. J. Capellman, sr. 1,930,383; Oct. 10.
- Glass grinding apparatus. M. E. Carlisle. 1,928,005; Sept. 26.
- Glass grinding apparatus, Plate. S. P. Mermer. 1,906,329; May 2.
- Glass grinding machine. E. Edwards and K. W. Sommer. 1,929,810; Oct. 10.
- Glass grinding machine. H. K. Hitchcock. 1,898,012; Feb. 21.
- Glass grinding machine. H. O. Kranich. 1,937,388; Nov. 28.
- Glass holder. L. E. Baltzley and F. Goertz. 1,902,608; Mar. 21.
- Glass house roof construction. H. W. Pratt. 1,934,002; Nov. 7.
- Glass in gathering basins, Circulating. A. F. McNish. 1,903,223; Mar. 28.
- Glass in tanks, Producing homogeneous. F. Eckert. 1,898,039; Feb. 21.
- Glass in the forehearts of glass melting tanks, Circulating. C. H. Rankin. 1,912,306; May 30.
- Glass, Instrument cover. C. H. Colvin. 1,910,092; May 23.
- Glass jar. H. R. McDonald. Des. 89,403; Mar. 7.
- Glass, Laminated. J. G. Davidson. 1,929,352; Oct. 3.
- Glass, Laminated. H. T. Neher and C. S. Hollander. 1,937,323; Nov. 28.
- Glass, Laminated. H. C. Rohlf. 1,899,588; Feb. 28.
- Glass, Laminated. G. B. Watkins. 1,911,296; May 30.
- Glass, Laminated. G. B. Watkins. 1,913,223; June 6.
- Glass, Laminated. J. C. Zola. 1,900,536; Mar. 7.
- Glass light for corrugated roofs and walls, Corrugated. P. G. Masters. 1,911,578; May 30.
- Glass machinery. T. S. Beeson. 1,901,491; Mar. 14.
- Glass, Making corrugated wire. A. Shuman. 1,905,006; Apr. 25.
- Glass, Making laminated. J. W. Kamerer and E. L. Fix. 1,922,893; Aug. 15.
- Glass, Making laminated. A. G. Worrall. 1,901,574; Mar. 14.
- Glass, Making laminated. A. G. Worrall. 1,909,444; May 16.
- Glass, Making laminated. A. G. Worrall. 1,914,392; June 20.
- Glass, Making sheet. F. Gelstharp. 1,905,849; Apr. 25.
- Glass, Manufacture of drawn. J. A. De Silva. 1,920,366; Aug. 1.
- Glass, Manufacture of drawn. I. O. Pedersen. 1,892,806; Jan. 3.
- Glass, Manufacture of laminated. E. M. Ball. 1,905,430; Apr. 25.
- Glass, Manufacture of wire. M. L. Begeman. 1,904,118; Apr. 18.
- Glass, Manufacture of wire. G. H. Juergens. 1,934,354; Nov. 7.
- Glass, Manufacture of wired. A. L. Forster. 1,901,743; Mar. 14.
- Glass manufacture, Sheet. W. L. Van Ness. 1,898,157; Feb. 21.
- Glass manufacture, Wire. G. H. Juergens. 1,900,716; Mar. 7.
- Glass, Melting. F. M. Locke and F. J. Locke. 1,923,221; Aug. 22.
- Glass melting apparatus. E. G. de Coriolis and P. Q. Williams. 1,900,432; Mar. 7.
- Glass melting furnace. P. L. Geer. 1,927,658; Sept. 19.
- Glass melting furnace. G. Lufkin. 1,906,695; May 2.
- Glass melting furnace. V. Mulholland. 1,941,410; Dec. 26.
- Glass-melting furnace, Rotary. W. A. Morton and P. L. Geer. 1,928,598; Sept. 26.

- Glass, Method and apparatus for conditioning molten. G. E. Howard. 1,916,668; July 4.
- Glass, Method and apparatus for cross cutting wire. G. Aurlen and P. F. Gutmann. 1,895,779; Jan. 31.
- Glass, Method and apparatus for drawing. W. J. Woods. 1,920,336; Aug. 1.
- Glass, Method and apparatus for feeding. O. M. Tucker and W. A. Reeves. 1,908,936; May 16.
- Glass, Method and apparatus for feeding molten. G. E. Howard. 1,892,765; Jan. 3.
- Glass, Method and apparatus for flowing. T. Stenhouse. 1,927,101; Sept. 19.
- Glass, Method and apparatus for forming sheet. C. Cone. 1,895,916; Jan. 31.
- Glass, Method and apparatus for making composite. J. H. Sherts. 1,934,772; Nov. 14.
- Glass, Method and apparatus for producing sheet. J. C. Blair. 1,895,365; Jan. 24.
- Glass, Method of and apparatus for circulating molten. K. E. Peiler. 1,893,062; Jan. 3.
- Glass, Method of and apparatus for melting. H. A. Wadman. 1,897,973; Feb. 14.
- Glass, Method of and apparatus for supplying. V. Mulholland. 1,913,311; June 6.
- Glass mix for opaque containers and making the same. C. W. Crowell. 1,899,230; Feb. 28.
- Glass mold. R. M. Hunter. 1,925,096; Sept. 5.
- Glass of refrigerating cases and the like, Preventing sweating of. A. L. Duval d'Adrian. 1,913,702-3; June 13.
- Glass, Ornamental. F. Clarke. 1,916,753; July 4.
- Glass or other composite articles, Process and apparatus for making composite. V. K. Boynton. 1,905,211; Apr. 25.
- Glass or similar article, Sherbet. R. C. Diebenkorn. Des. 89,613; Apr. 18.
- Glass or the like, Undercutting and sealing laminated. F. M. Gregg, F. N. Campbell, and J. Myatt. 1,908,142; May 9.
- Glass panes from injury, Method and apparatus for protecting. H. L. Renard. 1,936,732; Nov. 28.
- Glass parisons, Apparatus for forming. H. W. Ingle. 1,930,439; Oct. 10.
- Glass, photomechanically, Indexing. K. Gundlach. 1,922,434; Aug. 15.
- Glass, Polishing. J. W. Cruikshank. 1,893,985; Jan. 10.
- Glass polishing apparatus. W. O. Amsler. 1,909,902; May 16.
- Glass polishing block, Plate. J. H. Fox. 1,922,912; Aug. 15.
- Glass, Process and apparatus for breaking off lengths of wired. H. Smith. 1,932,149; Oct. 24.
- Glass, Process and apparatus for making composite. J. H. Sherts. 1,905,189; Apr. 25.
- Glass, Process and apparatus for making insulating. F. Gelstharp. 1,934,798; Nov. 14.
- Glass, Process and apparatus for making safety. W. O. Lytle. 1,939,998; Dec. 19.
- Glass, Process and apparatus for producing sheet. J. L. Brake. 1,928,371; Sept. 26.
- Glass, Process and apparatus for producing sheet. J. P. Crowley. 1,906,249; May 2.
- Glass, Process and apparatus for surfacing sheet. T. C. McKinley. 1,928,385; Sept. 26.
- Glass, Process and apparatus for the production of sheet. L. C. Mambourg. 1,932,669; Oct. 31.
- Glass, Process of and apparatus for producing sheet. J. C. Blair. 1,937,880; Nov. 28.
- Glass, Process of and machine for working. C. W. Davis and E. F. Becker. 1,906,315; May 2.
- Glass, Producing. H. M. Kraner. 1,933,739; Nov. 7.
- Glass, Producing laminated. F. Fraser and G. B. Watkins. 1,921,612; Aug. 8.
- Glass, Producing plate. W. H. Allison. 1,895,363; Jan. 24.
- Glass rolling apparatus. J. H. Fox. 1,906,563; May 2.
- Glass rolling apparatus. J. H. Fox and W. Owen. 1,906,564; May 2.
- Glass rolling apparatus. J. H. Fox and W. Owen. 1,939,967; Dec. 19.
- Glass rolling apparatus. W. G. Koupal. 1,922,894; Aug. 15.
- Glass-rolling apparatus. W. G. Koupal. 1,928,023; Sept. 26.
- Glass-rolling apparatus. W. G. Koupal and C. C. Westall. 1,928,024; Sept. 26.
- Glass run channel. J. S. Reid. 1,908,863; May 16.
- Glass run channel. J. S. Reid. 1,918,561; July 18.
- Glass run channel. J. S. Reid. 1,918,666; July 18.
- Glass run channel structure. J. S. Reid. 1,902,422; Mar. 21.
- Glass, Safety. W. J. Belknap. 1,923,070; Aug. 22.
- Glass, Safety. B. C. Bren. 1,915,085; June 20.
- Glass, Safety. J. H. Clewell. 1,915,048; June 20.
- Glass-sealing instrument, Safety. F. H. Bell. 1,902,987; Mar. 28.
- Glass, Sealing laminated. G. B. Watkins. 1,924,580; Aug. 29.
- Glass severing mechanism. K. E. Peiler. 1,910,856; May 23.
- Glass shaping mechanism. K. E. Peiler. 1,907,570; May 9.
- Glass sheet and producing the same, Tempered. B. Long and R. Touvy. 1,916,174; June 27.
- Glass sheet-forming apparatus. P. J. M. Escole. 1,930,424; Oct. 10.
- Glass sheets, Apparatus for case hardening. W. Owen. 1,900,582-3; Mar. 7.
- Glass sheets, Apparatus for conveying. L. von Reis. 1,931,628; Oct. 24.
- Glass sheets, Apparatus for cutting. C. F. Burdett and W. Owen. 1,930,582; Oct. 17.
- Glass sheets, Apparatus for handling. R. J. Louviaux. 1,901,463; Mar. 14.
- Glass sheets, Handling. J. F. Murphy and P. Magrini. 1,931,700; Oct. 24.
- Glass sheets, Manufacturing reenforced. B. Delloye. 1,934,682; Nov. 14.
- Glass sheets, Method of and apparatus for tempering. H. Lebel. 1,895,548; Jan. 31.
- Glass sheets, Process and apparatus for making composite. R. J. A. Ingouf. 1,911,573; May 30.
- Glass sheets, Process and apparatus for printing. C. Locrelle. 1,903,718; Apr. 11.
- Glass sheets, Process and apparatus for producing compound. B. Engels. 1,941,392; Dec. 26.
- Glass sheets, Process and apparatus for separating. H. S. Heichert. 1,920,641; Aug. 1.
- Glass sheets, Washing and cleaning. T. J. Leyland. 1,895,934; Jan. 31.
- Glass stems, Apparatus for and method of manufacturing. P. V. Malloy. 1,935,248; Nov. 14.
- Glass substitute. F. A. Canon. 1,933,616; Nov. 7.
- Glass substitute, Plastic. J. F. Walsh. 1,912,554; June 6.
- Glass surfacing apparatus. J. C. Blair. 1,911,221; May 30.
- Glass, Surfacing sheet. J. C. Blair. 1,895,908; Jan. 31.
- Glass surfacing tool. J. L. Drake. 1,924,597; Aug. 29.
- Glass take-out mechanism. I. H. Freese. 1,935,739; Nov. 21.
- Glass tank furnace. M. Wyant. 1,904,111; Apr. 18.
- Glass to metal connection. F. S. McCullough. 1,917,047; July 4.
- Glass-to-metal joint. J. C. Baker. 1,937,865; Dec. 5.
- Glass to prepare it for sealing, Treating laminated. G. B. Watkins. 1,919,757; July 25.
- Glass to suction machines, Method of and apparatus for supplying. W. T. Honiss. 1,916,666; July 4.
- Glass transfer apparatus. F. L. Crosbie. 1,909,813; May 16.
- Glass transfer mechanism. I. H. Freese. 1,926,041; Sept. 12.
- Glass transfer mechanism. I. H. Freese. 1,927,087; Sept. 19.
- Glass, Treating laminated. F. B. Trace and R. G. Whittemore. 1,910,072; May 23.
- Glass treatment. F. G. Schwalbe. 1,899,640; Feb. 28.
- Glass tube cutter. E. H. Fahrney. 1,922,426; Aug. 15.
- Glass, Ultraviolet light transparent. C. Dreyfus. 1,924,398; Aug. 29.
- Glass under pressure, Method and apparatus for drawing sheet. E. T. Ferngren. 1,924,599; Aug. 29.
- Glassware annealing leer. L. D. Soubier. 1,916,178; June 27.
- Glassware annealing leer and drift controlling apparatus therefor. H. A. Wadman. 1,896,874; Feb. 7.
- Glassware, Apparatus for and method of burning-off. T. H. Sloan. 1,937,723; Dec. 5.
- Glassware, Apparatus for annealing. P. L. Geer. 1,902,326; Mar. 21.
- Glassware, Apparatus for annealing. W. A. Morton and P. L. Geer. 1,938,346; Dec. 5.
- Glassware, Apparatus for fabricating. K. E. Peiler. 1,914,155; June 13.
- Glassware, Apparatus for handling. E. H. Lorenz. 1,905,476; Apr. 25.
- Glassware forming machine. O. C. K. Hutchinson. 1,911,998; May 30.
- Glassware forming machine. H. W. Ingle. 1,911,119; May 23.
- Glassware forming machine. J. E. McLaughlin. 1,904,982; Apr. 18.
- Glassware forming machine. L. D. Soubier. 1,895,138; Jan. 24.
- Glassware forming machine. L. D. Soubier. 1,904,958-9; Apr. 18.
- Glassware forming machine. L. D. Soubier. 1,906,649; May 2.
- Glassware forming machine. L. D. Soubier and J. H. Trece. 1,919,176; July 18.
- Glassware forming machine. W. L. Van Ness. 1,931,336; Oct. 17.
- Glassware, Machine for forming hollow. E. L. Hughes. 1,919,162; July 18.
- Glassware, Machine for forming hollow. L. D. Soubier. 1,919,177; July 18.
- Glassware, Manufacture of. K. E. Peiler. 1,937,913; Dec. 5.
- Glassware, Manufacture of. T. Wardley. 1,900,781; Mar. 7.
- Glassware, Manufacture of blown. G. E. Rowe. 1,914,169; June 13.
- Glassware, Manufacture of footed. J. H. Ambrose. 1,927,674; Sept. 19.
- Glassware, Manufacture of hollow. G. E. Rowe. 1,902,140; Mar. 21.
- Glassware, Manufacture of hollow. G. E. Rowe. 1,902,141-2; Mar. 21.

- Glassware, Mechanism for handling. O. C. K. Hutchinson. 1,906,604; May 2.
- Glassware, Method of and apparatus for forming. K. E. Feiler. 1,914,157; June 13.
- Glassware, Method of and apparatus for the manufacture of blown. A. J. Smith. 1,896,870; Feb. 7.
- Glassware, Reenforced. T. W. McCreary. 1,938,540; Dec. 5.
- Glassware, Surface treating. T. Wardley and J. B. Muratroyd. 1,933,529; Oct. 31.
- Glassware transfer device. H. W. Ingle. 1,921,389; Aug. 8.
- Glass, Wire. N. Welkowitz and A. S. Goldstein. 1,919,873; 1,919,873; July 25.
- Glass working machine. V. L. Ronci. 1,912,405; June 6.
- Glass-working machinery. G. A. Millar. 1,897,488; Feb. 14.
- Glass working machines, Ribbon forming mechanism for. D. W. Straft. 1,911,591; May 30.
- Glass working tank. L. D. Soubier. 1,904,960; Apr. 18.
- Glassified surface, Producing a. N. Marra. 1,920,093; July 25.
- Glasses, Hand reading. H. Neuwirth. 1,940,875; Dec. 26.
- Glasserite, Recovering. H. T. Woodward. 1,923,407; Aug. 22.
- Glaucosil, Apparatus for preparing. L. K. Wright. 1,914,877; June 20.
- Glaze breaker. R. W. Hamilton. 1,929,888; Oct. 10.
- Glazing clip. A. C. Goddard and R. P. LeViness. 1,939,892; Dec. 19.
- Glazing process, Dry. G. F. Wilde. 1,896,929; Feb. 7.
- Glazing thickness gauge. J. A. Bower. 1,909,652; May 16.
- Glider. E. S. Goldberg. 1,928,933; Oct. 3.
- Glider. W. R. McGowen. Des. 90,778; Sept. 26.
- Glider for furniture legs. C. R. Uhl. 1,903,609; Apr. 11.
- Glider, Infant. H. E. Romine. 1,906,768; May 2.
- Globe. H. H. Blau. Des. 89,273; Feb. 14.
- Globe, Advertising. G. F. Mattman. 1,933,866; Nov. 7.
- Globe for lighting fixtures. W. C. Watkins, jr. Des. 90,002; May 23.
- Globe, Glass. K. A. Staley. Des. 89,927; May 16.
- Globe, Lamp. G. H. Cole. Des. 91,100; Nov. 28.
- Globe, Lighting fixture. M. B. Cherniak. Des. 89,274; Feb. 14.
- Globe, Lighting fixture. G. B. Metz. Des. 89,851; May 9.
- Globe-mounting means. L. P. Denoyer. 1,894,854; Jan. 17.
- Globe-mounting means. L. P. Denoyer. 1,916,097; June 27.
- Globe, Terrestrial. K. Ohno. 1,926,787; Sept. 12.
- Gloss meter, Automatic. E. M. Lowry. 1,917,879; July 11.
- Glove. H. A. Bondy. 1,893,394; Jan. 3.
- Glove. G. T. Corombos. 1,923,298; Aug. 22.
- Glove. K. E. Jensen. 1,929,388; Oct. 3.
- Glove. C. H. Johnson. 1,909,864; May 16.
- Glove and the production thereof. H. Gillian. 1,894,091; Jan. 10.
- Glove, Electric. C. H. Diaz. 1,915,721; June 27.
- Glove, Fruit packer's. A. L. Gowdy and R. L. Eastman. 1,911,500; May 30.
- Glove, Golf. H. O. Potter. 1,915,617; June 27.
- Glove, Hand ball. H. N. Gitt. 1,900,395; Mar. 7.
- Glove, Handball. H. R. Jones. 1,922,095; Aug. 15.
- Glove infanter. H. R. Bertram and C. L. Fritz. 1,913,064; June 6.
- Glove, Latex. L. R. Miller. 1,924,617; Aug. 29.
- Glove, Rubber. E. J. Smith. 1,894,066; Jan. 10.
- Glove, Shoe cleaning and polishing. B. E. O'Connor. 1,940,728; Dec. 26.
- Glove, Smoker's finger. R. R. Strasser. 1,902,426; Mar. 21.
- Glove, Washable gauntlet. B. R. Skinner. 1,934,332; Nov. 7.
- Gloves, Applying surgical. H. E. and R. W. Breuls. 1,938,685; Dec. 12.
- Gloves, Lining. H. C. Howard and E. A. Willson. 1,939,852; Dec. 19.
- Gloves, Making imitation pigskin. S. M. Straus. 1,922,507; Aug. 15.
- Glow discharge device. J. B. Johnson. 1,912,146; May 30.
- Glow discharge device. H. W. Weinhardt. 1,926,889; Sept. 12.
- Glow discharge lamp. F. Gray. 1,925,693; Sept. 5.
- Glow discharge lamp. H. W. Weinhardt. 1,918,309; July 18.
- Glow discharge tube. G. Holst and H. Rinia. 1,915,934; June 27.
- Glow discharge tube, Electric. G. Seibt. 1,914,045; June 13.
- Glow-discharge tube, Stabilizing. O. Schriever. 1,908,191; May 9.
- Glow lamp. T. W. Case. 1,923,051; Aug. 15.
- Glow lamp. S. F. Marvin and P. J. Kayatt. 1,940,630; Dec. 19.
- Glow plug. H. I. A. Dorner and A. Widmann. 1,927,562; Sept. 19.
- Glow tube. D. von Mihaly. 1,933,832; Nov. 7.
- Glow tube for amplifying, detecting, and other purposes. G. Seibt and H. Bley. 1,914,044; June 13.
- Glow tubes for amplifying, detecting and other purposes. G. Seibt and H. Bley. 1,929,904; Oct. 10.
- Glucosides from digitalis, Preparation of new crystallized. W. Kreis. 1,923,491; Aug. 22.
- Glucosides of bulbus scilla. Manufacture of new cardio-active. W. Kreis. 1,902,408; Mar. 21.
- Glue and making same. H. V. Dunham. 1,895,979; Jan. 31.
- Glue from glue-containing material, Process and plant for extracting. J. Kohl. 1,904,003; Apr. 18.
- Glue, Method and apparatus for manufacturing pellet. T. K. Lowry. 1,906,694; May 2.
- Glue or gelatine coating composition. C. le Bos d'Espino. 1,935,769; Nov. 21.
- Glue preparation and product. E. F. Christopher and F. L. De Beukelaer. 1,895,447; Jan. 31.
- Glue product and preparing the same. C. H. Campbell. 1,940,486; Dec. 19.
- Glue product and preparing the same. E. F. Christopher and F. L. De Beukelaer. 1,895,446; Jan. 31.
- Glue, Production of dry. W. and F. Kutzner. 1,895,194; Jan. 24.
- Glues, Improving the water-resistance of casein. L. Bradshaw. 1,895,433; Jan. 24.
- Gluing. H. Gaiber. 1,898,484; Feb. 21.
- Gluing and pasting machine. J. Ettl. 1,938,820; Dec. 12.
- Gluing and sealing machine for shipping cases. H. G. Allen and F. W. Kucklinsky. 1,922,412; Aug. 15.
- Gluing machine. F. M. Joslin. 1,935,031; Nov. 14.
- Gluing machine. F. J. Rector. 1,902,264; Mar. 21.
- Gluing, Process of. T. W. Dike. 1,923,922; Aug. 22.
- Glycerine, glycol, and similar alcohols, Process of and apparatus for nitrating. A. Schmid. 1,893,447; Jan. 3.
- Glycerol, Manufacturing fermentation. W. H. Carothers, J. W. Hill, and J. L. Van Natta. 1,936,497; Nov. 21.
- Glycol and acetaldehyde, Producing simultaneously ethylene. P. Askenasy and A. Heller. 1,928,240; Sept. 26.
- Glycol or its homologues, Extraction of ethylene. H. Oehme. 1,903,472; Apr. 11.
- Glycoside and producing the same, Crystallized digitalis. C. U. F. Mannich. 1,898,199; Feb. 21.
- Goal. E. R. Peoples. 1,904,836; Apr. 18.
- Goblet. J. O. Ardsuer. Des. 90,520; Aug. 22.
- Goblet. R. L. Gerth. Des. 89,887; May 16.
- Goblet. J. G. Rossiter. Des. 89,309; Feb. 21.
- Goblet or similar article. E. M. Bottome. Des. 90,471; Aug. 15.
- Goblet or similar article. J. C. Kelly. Des. 89,769; May 2.
- Goblet or similar article. D. E. Martin. Des. 89,713-14; Apr. 25.
- Goblet or similar article. W. L. Orme. Des. 89,821; May 9.
- Goblet or similar article. J. C. Rosenmerkle. Des. 90,928; Oct. 24.
- Goggle. N. M. Baker. 1,918,954; July 18.
- Goggle attachment. J. A. Tynan. 1,914,931; June 20.
- Goggle fastening means. R. Malcom. 1,928,358; Sept. 26.
- Goggle ventilator. H. F. Shindel. 1,900,955; Mar. 14.
- Goggles. P. R. Anderson. 1,909,796; May 16.
- Goggles. N. M. Baker. 1,910,456; May 23.
- Goggles. G. A. Binder. 1,905,180; Apr. 25.
- Goggles. W. H. Boutelle. 1,910,460; May 23.
- Goggles. R. Malcom. 1,916,678; July 4.
- Goggles. E. B. Meyrowitz. 1,916,628; July 4.
- Goggles. E. B. Meyrowitz and J. L. Wagner. 1,938,924; Dec. 12.
- Goggles. J. L. Moran and A. J. Lee. 1,916,630; July 4.
- Goggles, Underwater. N. S. Ives. 1,935,634; Nov. 21.
- Gold alloy. L. Lenfant. 1,917,378; July 11.
- Gold, Apparatus for the recovery of. A. J. Clark and W. H. Todd. 1,894,159; Jan. 10.
- Gold from its ores, Extracting. P. A. Neumann. 1,923,948; Aug. 22.
- Gold from solutions, Apparatus for extracting. H. C. Parker. 1,932,531; Oct. 31.
- Gold leaf laying device. W. S. Lutz. 1,929,894; Oct. 10.
- Gold placer gravel concentrating and gold saving device, Automatically operating. F. D. Goody. 1,915,602; Dec. 12.
- Gold saving machine. D. A. and J. W. Silver. 1,939,143; June 27.
- Gold separator, Cylinder. W. R. Renninger. 1,918,489; July 18.
- Golf apparatus. R. E. Adams. 1,922,021; Aug. 15.
- Golf bag. F. J. Blatz. 1,918,447; July 18.
- Golf bag. L. M. E. Dent and A. MacKenzie. 1,939,488; Dec. 12.
- Golf bag. G. Ducat. 1,895,454; Jan. 31.
- Golf bag. E. Garfinkel. 1,924,546-7; Aug. 29.
- Golf bag. G. H. Harris. 1,904,731; Apr. 18.
- Golf bag. G. H. Hiles. 1,920,308; Aug. 1.
- Golf bag. R. E. Hutchinson. 1,936,021; Nov. 21.
- Golf bag. T. O. Johnson. 1,915,889; June 27.
- Golf bag. R. T. Mullins. 1,908,998; May 16.
- Golf bag. M. P. Reach. 1,899,825; Feb. 28.
- Golf bag. C. H. Schwer. 1,926,184; Sept. 12.
- Golf bag stand. E. M. Fritz. 1,924,182-3; Aug. 29.
- Golf bag support. J. P. Motelet. 1,925,493; Sept. 5.
- Golf bag support. W. Sands. 1,937,128; Nov. 28.
- Golf bags or the like, Attachments for. C. A. Beard. 1,895,366; Jan. 24.
- Golf bags, Supporting device for. T. W. Murphy, J. C. Otis, and W. G. Waddell. 1,920,581; Aug. 1.
- Golf ball and making. H. K. B. Davis. 1,907,047; May 2.
- Golf ball cleaning device. H. D. Day. 1,939,880; Dec. 19.
- Golf ball delivering and registering means, Miniature. W. L. McCall. 1,929,556; Oct. 10.
- Golf ball holder. S. N. Andrew. 1,911,256; May 30.

- Golf ball teeing device. L. A. Young. 1,937,180; Nov. 28.
 Golf ball teeing device, Automatic. W. F. Pagett. 1,940,321; Dec. 19.
 Golf ball tees. Apparatus for forming. R. V. Sweeney. 1,896,922; Feb. 7.
 Golf ball washer. G. G. Frater. 1,918,529; July 18.
 Golf club. F. H. Adams. 1,894,841; Jan. 17.
 Golf club. H. G. Barrett. 1,905,406; Apr. 25.
 Golf club. F. J. Blatz. 1,895,369; Jan. 24.
 Golf club. A. E. Bahrke and A. F. Heeter. 1,916,963; July 4.
 Golf club. H. K. B. Davis. 1,927,083; Sept. 19.
 Golf club. W. J. Hadden. 1,916,791; July 4.
 Golf club. C. F. Harders and R. A. Link. 1,931,758; Oct. 24.
 Golf club. A. F. Heeter. Des. 89,569; Apr. 4.
 Golf club. R. Lamb. 1,897,264; Feb. 14.
 Golf club. A. E. Lard. 1,895,417; Jan. 24.
 Golf club. N. S. Main. 1,901,562; Mar. 14.
 Golf club. J. C. McDowell. 1,932,902; Oct. 31.
 Golf club. M. B. Reach. 1,910,055; May 23.
 Golf club. W. F. Reach. 1,906,239; May 2.
 Golf club. A. J. Stumpf. 1,913,821; June 13.
 Golf club. J. K. Weiskopf. 1,907,134; May 2.
 Golf club and manufacture of the same. W. Ogg and L. A. Storz. 1,917,774; July 11.
 Golf club assembly. F. A. Hodgman. 1,904,231; Apr. 18.
 Golf club head. F. R. Bartsch. Des. 89,332; Feb. 28.
 Golf club head. W. J. Hadden. 1,916,792; July 4.
 Golf club heads to shafts, Securing. J. A. Hillerich. 1,940,168; Dec. 19.
 Golf club shaft. H. C. Lagerblade. 1,921,930; Aug. 8.
 Golf club shafts, Method and machine for making. B. C. Batcheller. 1,912,751; June 6.
 Golf club structure. E. Fetter. 1,917,795; July 11.
 Golf club with metallic shaft and hosel. W. F. Reach. 1,894,706-7; Jan. 17.
 Golf course, Advertising. J. F. Shawl. 1,922,333; Aug. 15.
 Golf cup. J. C. Stutz. 1,918,994; July 18.
 Golf, Device for practicing. C. H. Johnson. 1,922,735; Aug. 15.
 Golf game. G. Ehrlich. 1,893,402; Jan. 3.
 Golf game. J. B. Ford. 1,914,365; June 20.
 Golf game. F. L. Fox and F. C. Gibson. 1,913,922; June 13.
 Golf game. L. H. Scurlock. 1,911,402; May 30.
 Golf game. L. Wieden. 1,897,289; Feb. 14.
 Golf game apparatus. R. E. Adams. 1,894,722; Jan. 17.
 Golf game device, Indoor. A. M. Walstrom. 1,904,034; Apr. 18.
 Golf instructor, Automatic. W. G. Porter. 1,897,212; Feb. 14.
 Golf playing surface. G. Bowes. 1,917,014; July 4.
 Golf practice and game apparatus. F. von Schlegell. 1,940,033; Dec. 19.
 Golf practice apparatus. E. W. Evans. 1,931,841; Oct. 24.
 Golf practice apparatus. D. Kohn. 1,923,152; Aug. 22.
 Golf practice apparatus. B. F. Shea. 1,936,143; Nov. 21.
 Golf practice, Appliance for. B. V. Radley. 1,916,740; July 4.
 Golf practice, Appliance for. B. V. Radley. 1,926,733; Sept. 12.
 Golf practice club. M. C. Graham. 1,930,342; Oct. 10.
 Golf practice device. W. H. Gardner and C. M. Relton. 1,935,291; Nov. 14.
 Golf practice device. W. A. Pottle. 1,936,687; Nov. 28.
 Golf practicing device. E. B. Eriksen. 1,893,278; Jan. 3.
 Golf practicing means. L. Sametz. 1,939,414; Dec. 12.
 Golf putter hd. H. L. Replogle. Des. 90,924; Oct. 24.
 Golf score plate or card. G. Hedricks. 1,934,538; Nov. 7.
 Golf-scorer, Watch-shaped. G. Jeanneret. 1,920,394; Aug. 1.
 Golf scoring device. P. N. Conates. 1,914,078; June 13.
 Golf shaft. H. L. Judd and H. C. Lagerblade. 1,930,204; Oct. 10.
 Golf stroke counter. J. W. Carlson. 1,912,032; May 30.
 Golf tee. E. A. Boe. 1,933,239; Oct. 31.
 Golf tee. C. L. Moorman. 1,923,682; Aug. 22.
 Golf tee. G. W. Thompson. Des. 91,149-50; Dec. 5.
 Golf tee. W. C. Walsb. 1,924,473; Aug. 29.
 Golf tee and marker, Combination. J. Garlando. 1,929,579; Oct. 10.
 Golf tee and support therefor. B. Goldman. 1,936,625; Nov. 28.
 Golf tee device. H. Kershaw. 1,897,519; Feb. 14.
 Golf tee, Folding. W. E. Bock. 1,901,948; Mar. 21.
 Golf tee positioning device. E. L. Walrath. 1,902,682; Mar. 21.
 Golfer's stance appliance. O. P. Haserodt. 1,922,130; Aug. 15.
 Gondolas of roundabouts, Device for rotating and at the same time lifting the. L. Schmidt. 1,899,060; Feb. 28.
 Goniometer, Radio. E. Hornoff. 1,909,962; May 23.
 Gonorrhea infection, Device for preventing. F. Ferri. 1,897,423; Feb. 14.
 Goods, Crosswise wrapping of. J. Neff. 1,941,044; Dec. 26.
 Goods, Dyeing. J. F. Wait. 1,934,956; Nov. 14.
 Goods, Holding and dispensing unit. L. H. Larsen. 1,898,192; Feb. 21.
 Goods of or containing rubber, Manufacture of. H. C. Young and C. H. Hemm. 1,923,524; Aug. 22.
 Goods of rubber or similar material, Manufacture of. D. F. Twiss and E. A. Murphy. 1,941,120; Dec. 26.
 Goods, Process and apparatus for the combined pneumatic preliminary drying and pneumatic subsequent heating of. P. Rosin. 1,927,596; Sept. 19.
 Goodyear welting. E. O. Peabody. 1,908,486; May 9.
 Governing device for measuring systems, Fluid pressure. W. Moller. 1,938,492; Dec. 5.
 Governing mechanism. A. B. Reavis and R. J. Eisinger. 1,902,311; Mar. 21.
 Governing mechanism. H. F. Schmidt. 1,935,062; Nov. 14.
 Governing mechanism for elastic fluid turbines. D. F. Warner and E. V. Pollard. 1,917,171; July 4.
 Governing system for prime movers. J. and J. H. S. Gardner. 1,925,184; Sept. 5.
 Governor. A. A. Bull. 1,927,973; Sept. 26.
 Governor. R. H. Gibson. 1,938,655; Dec. 12.
 Governor. A. C. Hoof. 1,910,899; May 23.
 Governor. S. L. Kerr. 1,901,831; Mar. 14.
 Governor. E. R. Klemm, jr., and F. O. Singer. 1,915,188; June 20.
 Governor. G. Oetzel. 1,919,449; July 25.
 Governor and driving mechanism, Speed. La M. A. McDowell. 1,895,199; Jan. 24.
 Governor, Bolt type emergency. D. F. Warner. 1,931,096; Oct. 17.
 Governor, Centrifugal. E. Klaiber. 1,916,181; June 27.
 Governor, Centrifugal. A. Rehm and K. Schweizer. 1,916,182; June 27.
 Governor, Compressor. C. C. Farmer. 1,921,609; Aug. 8.
 Governor, Compressor. C. C. Farmer. 1,922,911; Aug. 15.
 Governor control. A. A. Bull. 1,924,228; Aug. 29.
 Governor cut-off switch. G. L. Miller. 1,910,625; May 23.
 Governor, Elevator. J. Dunlop. 1,905,274; Apr. 25.
 Governor, Engine. R. Hufford. 1,912,773; June 6.
 Governor, Fan control. O. H. Baumann. 1,917,790; July 11.
 Governor for alternating current motors, Speed. R. J. Wise. 1,918,203; July 11.
 Governor for corn binders. H. A. Struebing. 1,909,909; May 16.
 Governor for fluid motors. J. E. Erickson. 1,899,142; Feb. 28.
 Governor for generator voltage control, Movement. E. B. Thurston. 1,937,102; Nov. 28.
 Governor for gravity dump bodies. J. Q. Shunk. 1,936,528; Nov. 21.
 Governor for high-speed internal-combustion engines, Centrifugal. O. Baur and H. Lempp. 1,928,476; Sept. 26.
 Governor, Motor. F. van der Woude. 1,936,924; Nov. 28.
 Governor system. R. E. B. Sharp. 1,913,516; June 13.
 Governor trip, Pressure actuated. R. C. McAllister. 1,922,705; Aug. 15.
 Governors or other auxiliaries of fluid-pressure engines, Driving the speed. H. R. Ricardo. 1,916,585; July 4.
 Grab. E. V. P. Dygge. 1,905,450; Apr. 25.
 Grab. J. Geist. 1,900,179; Mar. 7.
 Grader. G. D. Schaeffer. 1,915,105; June 20.
 Grader and cleaner, Fruit. G. C. Bates. 1,924,098; Aug. 29.
 Grader, Asparagus. T. Foon. 1,909,462; May 16.
 Grader blade. C. A. Russell and C. M. Walker. 1,922,917; Aug. 15.
 Grader, Elevating. F. D. Wallace. 1,924,054; Aug. 22.
 Grader, Elevating. F. D. Wallace, W. A. Cost, and J. W. Hartley. 1,924,055; Aug. 22.
 Grader, Fruit. B. Fotheringham. 1,939,966; Dec. 19.
 Grader, Grain or fine particle. J. W. Hoefling. 1,898,249; Feb. 21.
 Grader, Mechanical fine. G. Maxon, jr., and W. Ord. 1,904,948; Apr. 18.
 Grader, Quality. F. D. Chapman. 1,911,013; May 23.
 Grader, Road. P. A. Brick. 1,927,679-80; Sept. 19.
 Grader, Road. F. L. Carswell and O. W. Schmidt. 1,922,880; Aug. 15.
 Grader Road. O. Q. Hinds. 1,913,883; June 13.
 Grader, Road. J. H. McCole. 1,936,518; Nov. 21.
 Grader, Vegetable. A. M. Nyberg. 1,936,116; Nov. 21.
 Grading and aligning device. C. A. Smith. 1,912,546; June 6.
 Grading and evening machine. L. A. Cogswell. 1,920,842; Aug. 1.
 Grading and loading machine. G. Gardner. 1,906,258; May 2.
 Grading machine. J. H. Book. 1,917,088; July 4.
 Grading machine. W. E. Ghent. 1,893,938; Jan. 10.
 Grading machine. J. W. Johnston. 1,905,174; Apr. 25.
 Grading machine. J. W. Johnston. 1,939,626; Dec. 12.
 Grading material, Apparatus for. D. D. Dunkin. 1,920,190; Aug. 1.
 Gradiometer. J. H. Bair. 1,898,162; Feb. 21.
 Grain and fertilizer distributor, Combined. B. P. Johnson. 1,901,301; Mar. 14.
 Grain cleaning and separating machine. H. L. Johnson. 1,912,375; June 6.
 Grain cleaning apparatus. J. E. Johnson. 1,931,074; Oct. 17.
 Grain cleaning machine. V. M. Petit. 1,899,209; Feb. 28.
 Grain cleaning machine, Portable. J. W. Hoefling. 1,926,621; Sept. 12.
 Grain cleaning mechanism. A. J. Hartley. 1,909,351; May 16.
 Grain conditioner. J. L. Guinan. 1,910,793; May 23.

- Grain distributing means for combines. E. W. Mentor and C. J. Scranton, Jr. 1,902,289; Mar. 21.
- Grain distributor, Double run force feed. B. P. Johnson. 1,901,800; Mar. 14.
- Grain drill. T. J. Erdman. 1,923,259; Aug. 22.
- Grain dump, Combination. J. McEachern. 1,902,252; Mar. 21.
- Grain feeding device. J. S. Tough. 1,895,180; Jan. 24.
- Grain grading machine. E. H. Germer. 1,932,777; Oct. 31.
- Grain handling device. O. A. Wenberg. 1,900,213; Mar. 7.
- Grain, Harvesting. G. Innes. 1,905,409; Apr. 25.
- Grain, Malting. R. E. Kusserow. 1,899,160; Feb. 28.
- Grain malting unit. R. E. Kusserow. 1,895,514; Jan. 31.
- Grain measuring device. J. R. Harrison. 1,931,985; Oct. 24.
- Grain particles from a bonded mass, Separation of. O. Hutchins. 1,898,371; Feb. 21.
- Grain planting and sorting machine. F. Udvary and K. Koller. 1,908,085; May 9.
- Grain pickup mechanism. G. Innes. 1,896,626; Feb. 7.
- Grain sampler, Automatic. A. M. Woodside. 1,899,126; Feb. 28.
- Grain separator. H. Climer. 1,907,344; May 2.
- Grain separator. W. Lunsford and E. Weiny. 1,933,561; Nov. 7.
- Grain storage structure. F. L. Nemec. 1,909,066; May 16.
- Grain treating and elevating device. H. M. Smestad. 1,902,733; Mar. 21.
- Grainary storage and drier, Rotary. L. H. Groseclose. 1,916,047; June 27.
- Graining machine. A. F. Jones. 1,895,512; Jan. 31.
- Graining machine. C. Larkin. 1,935,306; Nov. 14.
- Graining machine. G. von Webern and E. W. Hamant. 1,894,966; Jan. 24.
- Grains, Apparatus for treating. L. W. Larsen. 1,914,342; June 13.
- Grains, Treating. L. W. Larsen. 1,914,341; June 13.
- Gramophone. C. Yoshizawa. 1,935,869; Nov. 21.
- Granular material and method of making. R. L. Atkinson. 1,925,065; Aug. 29.
- Granular materials, Conserving. F. Bartling. 1,894,149; Jan. 10.
- Granular materials, Separation of. D. C. Ashmead. 1,909,159; May 16.
- Granule and producing same. S. F. Walton. 1,920,773; Aug. 1.
- Grapefruit, Colored seedless. A. E. Henninger. Pl. Pt. 53; Jan. 24.
- Grapes, Stemming. A. M. Erickson. 1,924,111; Aug. 29.
- Graph-recording apparatus. L. H. Hounsfield. 1,892,799; Jan. 3.
- Graph reproducing device, Automatic. E. Darnhofer. 1,928,559; Sept. 26.
- Graphic meter. W. G. Mylius and B. G. La Bar. 1,927,899; Sept. 26.
- Graphics, Apparatus for the transmission at a distance of. G. Delchef. 1,929,485; Oct. 10.
- Graphite anode. G. G. Gomez. 1,912,272; May 30.
- Graphite lead for pencils, Self-hardening. J. E. Thomsen. 1,937,105; Nov. 28.
- Grapple. J. W. O. Dorman. 1,899,750; Feb. 28.
- Grapple. F. R. Zimmerman and I. J. Lyons. 1,935,898; Nov. 21.
- Grapple, Rod and pipe. F. M. Ties. 1,900,471; Mar. 7.
- Grass cutter, Bermuda. A. M. Gray. 1,899,414; Feb. 28.
- Grass digger, Quack. A. F. Miller. 1,893,867; Jan. 10.
- Grass edger. J. F. Habig. 1,931,349; Oct. 17.
- Grass, fodder and the like, Drying of young. O. Söderlund. 1,917,467; July 11.
- Grate. O. S. Bowman. 1,901,698; Mar. 14.
- Grate. F. D. Conard. 1,939,877; Dec. 19.
- Grate. A. D. Cronin. 1,903,779; Apr. 18.
- Grate. R. F. Darby. 1,899,945; Mar. 7.
- Grate. D. A. Little. 1,908,854; May 16.
- Grate. R. T. Robinson. 1,903,634; Apr. 11.
- Grate. O. T. Solberg, C. M. Shott, and H. M. Walker. 1,914,873; June 20.
- Grate. J. S. Thompson. 1,900,530; Mar. 7.
- Grate. J. S. Thompson. 1,911,005; May 23.
- Grate. J. S. Thompson. 1,912,870; June 6.
- Grate. J. S. Thompson. 1,912,871; June 6.
- Grate. J. S. Thompson. 1,925,347; Sept. 5.
- Grate. J. S. Thompson. 1,939,868; Dec. 19.
- Grate assembly. C. F. Street. 1,913,010; June 6.
- Grate bar. B. F. Andre. 1,911,664; Mar. 30.
- Grate bar. G. B. Cowles. 1,915,777; June 27.
- Grate bar. J. S. Thompson. 1,899,538-9; Feb. 28.
- Grate bar. J. S. Thompson. 1,902,595; Mar. 21.
- Grate bar. J. S. Thompson. 1,917,559; July 11.
- Grate bar. J. S. Thompson. 1,918,493; July 18.
- Grate bar. J. S. Thompson. 1,930,914; Oct. 17.
- Grate bar fastener. W. H. Clawson. 1,910,985; May 23.
- Grate-charging device, Mechanical. A. E. Weck. 1,923,246; Aug. 22.
- Grate cleaning mechanism for looms. F. D. Herring. 1,937,082; Nov. 28.
- Grate construction. F. B. Hayes. 1,899,033; Feb. 28.
- Grate construction. J. S. Thompson. 1,912,869; June 6.
- Grate construction. J. S. Thompson. 1,918,497; July 18.
- Grate control. G. A. Kohout. 1,915,538; June 27.
- Grate control mechanism. G. A. Kohout. 1,897,579; Feb. 14.
- Grate frame. R. Watson. 1,911,007; May 23.
- Grate frame. R. Watson. 1,938,362; Dec. 5.
- Grate frame construction. J. S. Thompson. 1,912,868; June 6.
- Grate, Furnace. A. W. Hulson. 1,895,511; Jan. 31.
- Grate, Furnace. G. G. Marx. 1,925,840; Sept. 5.
- Grate, Furnace. J. S. Thompson. 1,899,537; Feb. 28.
- Grate having adjustable eccentricity, Gas generator. J. S. Haug. 1,913,668; June 13.
- Grate shaking apparatus. G. H. Zouck. 1,931,947; Oct. 24.
- Grate, Stoker. T. J. Courtney. 1,897,112; Feb. 14.
- Grate, Stoking. J. Martin. 1,903,992; May 16.
- Grate support. J. P. Magos. 1,930,358; Dec. 12.
- Grater. S. A. Mischanski. 1,922,973; Aug. 15.
- Grates and fireplaces, Combination tong and poker device for fire. N. Baldwin. 1,902,685; Mar. 21.
- Grates, Dumping section for. A. W. Hulson. 1,906,227; May 2.
- Grating. F. J. White. Des. 90,272; July 4.
- Grating for reflecting ultra short waves, Echelon. R. H. Darbord. 1,906,546; May 2.
- Grating, Metal floor. A. Rothman. 1,924,570; Aug. 29.
- Grating, Radial. L. N. Lumb. 1,938,075; Dec. 5.
- Grating structure. P. T. Black. 1,917,573; July 11.
- Grating structure for windows. W. N. Robinson. 1,895,008; Jan. 25.
- Grave cover, Automatic. S. A. Williams. 1,916,941; July 4.
- Grave vault handle. G. C. Pahlow. 1,934,323; Nov. 7.
- Gravel and sand washer. V. M. Haddon. 1,914,420; June 20.
- Gravity lubricating system. G. F. Thomas and O. J. Herb. 1,905,527; Apr. 25.
- Gravity operating device for sorting fruits or vegetables. G. J. Olney. 1,899,632; Feb. 28.
- Grease and making the same. F. C. Gebhardt. 1,902,635; Mar. 21.
- Grease dispensing device. H. N. Ayer and J. M. Downing. 1,938,130; Dec. 5.
- Grease dispensing device. J. H. Becker. 1,902,822; Mar. 28.
- Grease dispensing device. I. B. Nielsen. 1,911,642; May 30.
- Grease-dispensing device, Hydraulic. A. Bizzarri. 1,938,005; Dec. 5.
- Grease-dispensing pump. S. H. Hobson. 1,925,095; Sept. 5.
- Grease ejecting system. A. Bizzarri. 1,936,104; Nov. 21.
- Grease feeding device. O. U. Zerk. 1,931,973; Oct. 24.
- Grease filling machine. W. R. Boyd and W. H. Taylor. 1,913,656; June 13.
- Grease from wool washing water, Recovering neutral. E. Mertens. 1,937,291; Nov. 28.
- Grease gun. L. Goodman. 1,893,738; Jan. 10.
- Grease gun filler. M. Prentice. 1,895,730; Jan. 31.
- Grease insoluble in gasoline. M. H. Arveson. 1,900,759; Mar. 7.
- Grease manufacture. C. E. Lauer. 1,912,001; May 30.
- Grease product. E. R. Lederer. 1,936,632; Nov. 28.
- Grease pump. P. D. Hartog. 1,916,948; July 4.
- Grease rack. S. O. Houze. 1,897,053; Feb. 14.
- Grease rack. S. D. Palmer. 1,921,320; Aug. 8.
- Grease ram. N. F. McNaught. 1,932,796; Oct. 31.
- Grease retainer. J. H. Victor and W. A. Heinze. 1,938,648; Dec. 12.
- Grease trap. E. J. Marking. 1,936,026; Nov. 21.
- Greenhouse construction. S. H. Hart. 1,930,750; Oct. 17.
- Greenhouse construction. P. L. McKee. 1,926,159; Sept. 12.
- Greenhouse eave support and drain member. P. L. McKee. 1,932,555; Oct. 31.
- Greenhouse, Miniature. F. J. Goriup. Des. 89,858; May 9.
- Grenade. E. W. Brandt. 1,900,790; Mar. 7.
- Grenade, Hand. V. Nigerradse. 1,897,709; Feb. 14.
- Grenade holder, Fire extinguishing. G. O. Ruff. 1,898,266; Feb. 21.
- Grid electrodes, Manufacture of. H. Simon. 1,934,097; Nov. 7.
- Grid, Front wall air. C. E. Harrison. 1,907,066; May 2.
- Grid-glow potentiometer. P. F. Shivers. 1,907,093; May 2.
- Gridiron. F. Goldenberg. 1,899,682; Feb. 28.
- Grid lead-in construction. I. E. Mouromtseff and G. V. Rylsky. 1,915,863; June 27.
- Grid making machine and method. V. Anderson and D. G. Trutner. 1,897,460; Feb. 14.
- Grid pasting machine. H. J. Radle. 1,894,705; Jan. 17.
- Grid structures, Making. G. F. Murphy. 1,919,984; July 25.
- Grid winding machine. W. Walheimer. 1,933,971; Nov. 7.
- Gripple. M. W. McArdle. 1,901,314; Mar. 14.
- Gripple, Waffle. M. W. McArdle. 1,918,051; July 11.
- Grill, Electric. J. P. Freeman. 1,929,166; Oct. 3.
- Grille for automobile radiators, Louver-type. L. B. Green. 1,914,253; June 13.
- Grille for automobile radiators, Louver type. L. B. Green. 1,941,396; Dec. 26.
- Grille for radiator shell fronts. L. B. Green. Des. 89,988-9; May 23.
- Grille for radiator shell fronts. L. B. Green. Des. 90,072; June 6.
- Grille or the like. L. M. Beam. Des. 89,623-4; Apr. 18.
- Grille or the like. L. M. Beam. Des. 89,864-6; May 16.
- Grille or the like. L. M. Beam. Des. 90,096; June 13.

- Grille panel structure and fittings. O. K. Schneider. 1,932,644; Oct. 31.
- Grille, Wicket. A. Fazekas. Des. 89,275-6; Feb. 14.
- Grinder. R. R. Holden. 1,933,058; Oct. 31.
- Grinder. H. Q. Munn. 1,935,328; Nov. 14.
- Grinder. C. T. Rauple. 1,933,028; Oct. 31.
- Grinder. R. P. Thompson. 1,927,104; Sept. 19.
- Grinder and comparator, Combined. R. Thomson. 1,907,469; May 9.
- Grinder, Ball race. A. P. Steiner, H. E. Balsiger, and E. P. Wine. 1,917,468; July 11.
- Grinder, Brake shoe. M. Fisher. 1,919,545; July 25.
- Grinder, Breaker point. H. H. Walters. 1,914,225; June 13.
- Grinder, Breaker point. H. H. Walters. 1,917,863; July 11.
- Grinder, Coffee. J. F. Lamb. Des. 89,234; Feb. 7.
- Grinder, Contour surface. C. Knowles. 1,926,777; Sept. 12.
- Grinder, Crank shaft. E. Sellberg and C. L. Phillips. 1,928,506; Sept. 26.
- Grinder, Cutter. F. W. Curtis. 1,917,504; July 11.
- Grinder, Cutter. H. R. Isler. 1,924,608; Aug. 29.
- Grinder, Cylinder. Jos. Sunnen. 1,902,194; Mar. 21.
- Grinder, Feed. L. C. Peterson. 1,930,623; Oct. 17.
- Grinder, Flexible shaft bench. A. B. Bachmann and W. Krause. 1,918,952; July 18.
- Grinder for hay, fodder, grain, and the like. E. M. Wetmore. 1,925,618; Sept. 5.
- Grinder, Gin rib. J. Behle. 1,931,810; Oct. 24.
- Grinder, Hob. C. G. Olson. 1,933,872; Nov. 7.
- Grinder, Oscillating. C. E. Van Norman. 1,908,577; May 9.
- Grinder, Rail joint parting. S. Oldham and F. C. Hasse. 1,937,664; Dec. 5.
- Grinder, Railway track. H. Perazzoli. 1,906,872; May 2.
- Grinder, Shears. H. Yerkey. 1,909,033; May 16.
- Grinder, Sickle. J. Brown and W. F. Reuter. 1,903,369; Apr. 4.
- Grinder speed control. W. Stumpf. 1,911,857; May 30.
- Grinder, Surface. E. M. Long. 1,927,552; Sept. 19.
- Grinder, Terrazzo. A. De Marchi. 1,936,449; Nov. 21.
- Grinder, Traveling wheel. F. K. Benedict. 1,895,122; Jan. 24.
- Grinder, Valve. W. Barber. 1,908,946; May 16.
- Grinder, Valve. F. H. Etzenhouser, R. C. Murphy, and F. P. Tandy. 1,918,743; July 18.
- Grinder, Valve. J. O. Huse. 1,933,016; Oct. 31.
- Grinder, Valve. A. Werner. 1,906,350; May 2.
- Grinder, Valve seat. E. A. Hall. 1,906,263; May 2.
- Grinder, Valve seat. A. M. Patterson. 1,924,938; Aug. 29.
- Grinding and lapping machine. W. F. Fraser. 1,933,373; Oct. 31.
- Grinding and polishing attachment for rolling mills. H. A. Poling. 1,904,385; Apr. 18.
- Grinding and polishing device, Rotary. E. F. Cook. 1,926,835; Sept. 12.
- Grinding and polishing machine. I. J. Haskel. 1,910,897; May 23.
- Grinding apparatus. W. N. Appleton. 1,915,144; June 20.
- Grinding apparatus. L. J. Bazzoni. 1,933,581; Nov. 7.
- Grinding apparatus. H. L. Crowley. 1,904,274; Apr. 18.
- Grinding apparatus. J. K. E. Diffenderfer. 1,925,751; Sept. 5.
- Grinding apparatus. E. C. Head. 1,903,967; Apr. 18.
- Grinding apparatus. J. Kotoue. 1,904,058; Apr. 18.
- Grinding apparatus. M. Musgrave. 1,930,017; Oct. 10.
- Grinding apparatus. F. G. Musheno. 1,893,806; Jan. 10.
- Grinding apparatus. F. G. Musheno. 1,898,786; Feb. 21.
- Grinding apparatus, Internal. G. G. Agostoni. 1,918,077; July 11.
- Grinding chasers, Method and machine for. R. E. Flanders. 1,904,304; Apr. 18.
- Grinding fixture for thread cutting tool bits. J. Jorgensen. 1,908,155; May 9.
- Grinding gauge, Circular chaser. W. J. Hogg. 1,901,242; Mar. 14.
- Grinding head and drive. J. G. Dickson. 1,897,891; Feb. 14.
- Grinding machine. T. Addison. 1,924,588; Aug. 29.
- Grinding machine. C. J. Anderson. 1,897,035; Feb. 14.
- Grinding machine. C. J. Anderson. 1,918,951; July 18.
- Grinding machine. G. W. Binns. 1,919,143; July 18.
- Grinding machine. G. W. Binns. 1,924,593; Aug. 29.
- Grinding machine. G. W. Binns. 1,932,952; Oct. 31.
- Grinding machine. H. L. Blood. 1,926,967; Sept. 12.
- Grinding machine. C. Booth. 1,916,916-17; July 4.
- Grinding machine. C. Booth. 1,919,144; July 18.
- Grinding machine. C. Booth. 1,919,615; July 25.
- Grinding machine. C. Booth. 1,938,756; Dec. 12.
- Grinding machine. V. K. Boynton. 1,910,234; May 23.
- Grinding machine. W. H. Chapman. 1,893,837; Jan. 10.
- Grinding machine. R. A. Cole and A. G. Belden. 1,911,552; May 30.
- Grinding machine. C. R. Dahlin. 1,911,266; May 30.
- Grinding machine. O. Douff. 1,931,106; Oct. 17.
- Grinding machine. S. Einstein. 1,926,974; Sept. 12.
- Grinding machine. S. Einstein and F. S. Haas. 1,938,757; Dec. 12.
- Grinding machine. H. Ernst. 1,938,759; Dec. 12.
- Grinding machine. W. F. Fraser. 1,911,889; May 30.
- Grinding machine. W. F. Fraser. 1,911,890; May 30.
- Grinding machine. H. Fritschl. 1,938,760; Dec. 12.
- Grinding machine. F. V. Geier and F. S. Haas. 1,934,601; Nov. 7.
- Grinding machine. W. J. Guild. 1,901,236; Mar. 14.
- Grinding machine. W. J. Guild. 1,914,995; June 20.
- Grinding machine. W. J. Guild. 1,933,213; Oct. 31.
- Grinding machine. F. S. Haas. 1,904,045; Apr. 18.
- Grinding machine. F. S. Haas. 1,938,762; Dec. 12.
- Grinding machine. F. S. Haas. 1,938,765; Dec. 12.
- Grinding machine. F. S. Haas and H. Fritschl. 1,938,764; Dec. 12.
- Grinding machine. R. A. Heald. 1,909,953; May 23.
- Grinding machine. R. N. Heald and E. M. Taylor. 1,903,562; Apr. 11.
- Grinding machine. J. H. Hoern. 1,900,112; Mar. 7.
- Grinding machine. C. W. Hopkins. 1,938,766; Dec. 12.
- Grinding machine. C. W. Hopkins and J. E. Caster. 1,932,969; Oct. 31.
- Grinding machine. F. G. Hughes. 1,902,555; Mar. 21.
- Grinding machine. C. G. Hunt. 1,904,642; Apr. 18.
- Grinding machine. H. R. Isler. 1,935,633; Nov. 21.
- Grinding machine. D. F. Jones. 1,923,931; Aug. 22.
- Grinding machine. B. A. Kearns. 1,938,767; Dec. 12.
- Grinding machine. F. Kurath. 1,929,746; Oct. 10.
- Grinding machine. H. W. Miller. 1,916,063; June 27.
- Grinding machine. H. B. Moore. 1,933,677; Nov. 7.
- Grinding machine. W. K. Morton. 1,922,817; Aug. 15.
- Grinding machine. F. G. Musheno. 1,909,705; May 16.
- Grinding machine. O. W. Nelson. 1,902,661; Mar. 21.
- Grinding machine. R. and A. S. Reid. 1,925,908; Sept. 5.
- Grinding machine. E. Ritz, jr. 1,938,723; Dec. 12.
- Grinding machine. J. D. Scaife. 1,938,933; Dec. 12.
- Grinding machine. L. Schulte. 1,929,101; Oct. 3.
- Grinding machine. J. A. Smith. 1,923,760; Aug. 22.
- Grinding machine. A. P. Steiner. 1,937,726; Dec. 5.
- Grinding machine. C. C. Stevens. 1,923,762; Aug. 22.
- Grinding machine. L. B. Stogner. 1,921,333; Aug. 8.
- Grinding machine. A. Strom. 1,938,769; Dec. 12.
- Grinding machine. H. K. Tegarden. 1,932,993; Oct. 31.
- Grinding machine. H. G. Weinland. 1,926,470; Sept. 12.
- Grinding machine. H. G. Weinland. 1,926,471-2; Sept. 12.
- Grinding machine. H. G. Weinland. 1,928,145; Sept. 26.
- Grinding machine. H. G. Weinland. 1,932,260; Oct. 24.
- Grinding machine. E. J. Whalen. 1,921,714; Aug. 8.
- Grinding machine. J. R. Whittles. 1,927,007; Sept. 12.
- Grinding machine. H. H. Yerkey and A. A. Kottman. 1,924,896; Aug. 29.
- Grinding machine and the like. G. Gorton. 1,920,073; July 25.
- Grinding machine, Automatic. P. Thorsen and G. W. von Hofe. 1,898,648; Feb. 21.
- Grinding machine, Drill bit. C. V. Rice. 1,913,771; June 13.
- Grinding machine for crank shafts. H. J. Eriksen. 1,915,853; June 27.
- Grinding machine for razor blades. T. C. Sheehan. 1,915,478; June 27.
- Grinding machine, Gin rib. J. Behle. 1,918,584; July 18.
- Grinding machine, Hydraulically operated. A. G. Belden and H. A. Silven. 1,905,127; Apr. 25.
- Grinding machine, Hydraulically operated cylindrical. C. G. Flygare. 1,893,076; Jan. 3.
- Grinding machine or the like. W. L. Bryant. 1,920,290; Aug. 1.
- Grinding machine, Rotary. E. B. Gardner. 1,909,614; May 16.
- Grinding machine, Surface. H. L. Myers. 1,932,319; Oct. 24.
- Grinding machinery. F. S. Haas. 1,938,763; Dec. 12.
- Grinding machinery. F. S. Haas and C. Booth. 1,905,224; Apr. 25.
- Grinding machines, Automatic feed for. B. F. Stowell. 1,926,603; Sept. 12.
- Grinding machines, Cross feeding mechanism for. P. Plantinga. 1,929,214; Oct. 3.
- Grinding machines, Work holding device for. J. J. Holloway and L. E. Linsley. 1,915,247; June 20.
- Grinding materials which contain particles of iron. Apparatus for. N. Ahlmann. 1,905,780; Apr. 25.
- Grinding measuring device. W. Grothkopp. 1,914,565; June 20.
- Grinding mechanism. F. J. Jeschke. 1,908,252; May 9.
- Grinding method and means. T. B. Smith. 1,894,067; Jan. 10.
- Grinding mill. J. D. Canary. 1,927,277; Sept. 19.
- Grinding mill. C. H. Crago. 1,911,606; May 30.
- Grinding mill. O. N. Gredell. 1,907,791; May 9.
- Grinding mill. R. P. Jugel. 1,898,187; Feb. 21.
- Grinding mill. R. P. Jugel. 1,905,411; Apr. 25.
- Grinding mill. W. Köhler. 1,925,069; Aug. 29.
- Grinding mill. R. Mahaffey. 1,936,025; Nov. 21.
- Grinding mill. K. Middleboe. 1,937,030; Nov. 28.
- Grinding mill. A. J. Mosley. 1,931,555; Oct. 24.
- Grinding mill. J. P. Ruth, jr. 1,938,764; Nov. 7.
- Grinding mill. C. E. Wuensch. 1,905,545; Apr. 25.
- Grinding mill, Single-roll. O. Soder. 1,936,972; Nov. 28.
- Grinding or honing machine. B. O. Isom. 1,934,858; Nov. 14.
- Grinding or honing tool. Pinhole. W. P. Roberts. 1,903,343; Apr. 4.
- Grinding, polishing or buffing machine. C. B. Larson. 1,908,029; May 9.
- Grinding, refining, and mixing machine. C. G. Sprado. 1,902,591; Mar. 21.
- Grinding tool. J. K. E. Diffenderfer. 1,915,016; June 20.

- Grinding tool, Internal cylinder. E. Marx. 1,918,852; July 18.
- Grinding wheel. A. J. Doermann. 1,912,069; May 30.
- Grinding wheel. K. Drapak. 1,938,520; Dec. 5.
- Grinding wheel. E. Stubbs. 1,931,363; Oct. 17.
- Grinding wheel. F. J. Tone and M. L. Hartmann. 1,935,103; Nov. 14.
- Grinding wheel. J. Turek. 1,926,321; Sept. 12.
- Grinding wheel spindle reciprocating mechanism. C. G. Flygare. 1,927,977; Sept. 26.
- Grindstone for grinding wood pulp. A. Jordan. 1,936,023; Nov. 21.
- Grip attachment for violin bows. C. B. Archer. 1,897,225; Feb. 14.
- Grip cap. G. C. Mattern, jr., and W. M. Duke. 1,914,781; June 20.
- Grip device for earth boring apparatus. J. E. C. Currans. 1,933,209; Oct. 31.
- Grip guard for ice cream dippers. P. H. Osborn. 1,930,020; Oct. 10.
- Grip handle, Multiple. H. S. Janes. 1,919,221; July 25.
- Grip or clutch, Nonremovable. F. C. Menamin. 1,911,916; May 30.
- Grip strap. H. H. Rubin. 1,893,807; Jan. 10.
- Gripper. H. C. Porter. 1,917,663; July 11.
- Gripper, Hydraulic. A. B. Bradley and M. Bolin. 1,930,649; Oct. 17.
- Gripping device. S. Brück. 1,912,251; May 30.
- Gripping device, Exterior. J. A. Buttress. 1,902,216; Mar. 21.
- Gripping device for ladders. H. W. Lang. 1,909,620; May 16.
- Gripping face for chucks and making the same. L. R. Evans. 1,900,922; Mar. 14.
- Gripping mechanism for rotary drilling machines. L. E. Zerbe. 1,897,564; Feb. 14.
- Gripping tool. A. G. Freidlein. 1,938,419; Dec. 5.
- Grit distributing machine. N. Frisch. 1,932,928; Oct. 31.
- Gritzly and screen, Resilient. C. B. Ulrich. 1,899,737; Feb. 28.
- Grommets to metal plates, Attaching. H. S. Hassliquist. 1,919,552; July 25.
- Groove cutting machine. L. E. Poole. 1,907,576; May 9.
- Grooves, recesses, and the like, Method of and apparatus for cutting. C. G. Garrard. 1,928,529; Sept. 26.
- Ground clamp. J. E. Euwer. 1,935,085; Nov. 14.
- Ground connector. G. L. Barnes and H. D. Chapman. 1,900,894; Mar. 14.
- Ground connection, Protective. K. H. Krambeer. 1,921,830; Aug. 8.
- Ground fields, Determining the direction of alternating. E. H. Hedstrom and T. Zuschlag. 1,912,036; May 30.
- Ground suppressor, Arcing. F. W. Gay. 1,916,926; July 4.
- Ground working implement, Adjustable depth. J. V. Dyrre. 1,932,450; Oct. 31.
- Ground working implement, Rotary. T. S. Miller and L. L. J. L. and S. L. Chong. 1,903,124; Mar. 28.
- Grounding device. R. H. Olley, and S. W. Borden. 1,913,562; June 13.
- Grounding device. R. H. Olley and S. W. Borden. 1,914,381; June 20.
- Grounding fitting. S. N. Buchanan. 1,899,309; Feb. 28.
- Grounding fitting. J. T. Pearson. 1,929,374; Oct. 3.
- Group indicating system. J. W. Bryce. 1,916,961; July 4.
- Group indicating system. R. E. Page and C. D. Lake. 1,916,986; July 4.
- Growth clearing device. J. L. Pitchford. 1,897,820; Feb. 14.
- Grubber for loosening the soil. H. Heinemann. 1,912,580; June 6.
- Grubbing attachment for excavating machines. A. C. Rasmussen. 1,919,075; July 18.
- Guanidine, Continuous preparation of a di-substituted. W. P. ter Horst. 1,897,220; Feb. 14.
- Guanidine salts of fatty acids, and producing same; Substituted. W. Scott. 1,931,395; Oct. 17.
- Guanidine-thio cyanate, Producing. W. Gluud. 1,902,400; Mar. 21.
- Guano distributor. E. M. Cole. 1,926,993; Sept. 12.
- Guano distributor. E. W. Cole. 1,936,105; Nov. 21.
- Guard. M. Olefsky and I. Kaufman. 1,931,391; Oct. 17.
- Guard and cover therefor, Combined. G. B. Warner. Des. 91,096; Nov. 21.
- Guard and oil seal, Combined dust. J. M. Bryan and B. Smartt. 1,913,104; June 6.
- Guard and support for a fan, Combination. A. A. Arnold. Des. 90,145; June 20.
- Guard and support or similar article, Combination electric lamp. A. H. Nero. Des. 91,081; Nov. 21.
- Guard attachment for wringers. J. Dasenbrock and J. A. Cragan. 1,911,812; May 30.
- Guard, Automobile bumper. F. C. Howard. Des. 90,715-17; Sept. 19.
- Guard, Automobile radiator. F. A. Neveu. Des. 90,992; Nov. 7.
- Guard, Brake dust. H. E. Nichols. 1,903,935; Apr. 18.
- Guard, Bumper. H. S. Barbara. 1,930,189; Oct. 10.
- Guard, Cashiers' window. H. F. Thompson. 1,929,760; Oct. 10.
- Guard, Cattle. M. L. Boultinghouse. 1,915,181; June 20.
- Guard, Climber gaff. G. E. Hushour. 1,931,823; Oct. 24.
- Guard, Container. W. C. North. 1,897,138; Feb. 14.
- Guard, Door opening safety. G. E. Brown. 1,895,146; Jan. 24.
- Guard, Dust. F. V. Chaney. 1,893,516; Jan. 10.
- Guard, Dust. G. Swallow. 1,933,456; Oct. 31.
- Guard, Electric lamp. R. L. Grant, jr. 1,893,409; Jan. 3.
- Guard, Fan. A. A. Arnold. Des. 90,146; June 20.
- Guard finger and ledger plate for mowing machines. J. K. Farris. 1,940,908; Dec. 26.
- Guard for a hospital bed. H. B. North. 1,938,635; Dec. 12.
- Guard for automobile doors. S. H. H. Kuenzel. 1,894,102; Jan. 10.
- Guard for automobile rear fenders, Splash. F. A. Calkins. Re18,867; June 13.
- Guard for brake rods, Safety. E. G. Busse and H. W. Ekholm. 1,900,224; Mar. 7.
- Guard for brooders, Check. H. G. Basinger. 1,927,911; Sept. 26.
- Guard for core drills, Mud. G. A. Macready. 1,894,997; Jan. 24.
- Guard for door and window openings, Collapsible grillage. E. Melaun. 1,920,416; Aug. 1.
- Guard for down spouts. E. G. Greene. 1,930,354; Oct. 10.
- Guard for electric power stations, Ground. H. D. Freitag. 1,940,491; Dec. 19.
- Guard for motor vehicles, Splash. A. J. Babbs. 1,905,674; Apr. 25.
- Guard for motor vehicles, Splash. C. L. Brown. 1,899,937; Mar. 7.
- Guard for presses and other like machines. J. P. Udal. 1,906,778; May 2.
- Guard for rear view mirrors. O. Boyd. 1,915,010; June 20.
- Guard for shoe heels, Mud. R. C. Vogt. 1,938,361; Dec. 5.
- Guard for skate runners. C. I. Johnson. 1,925,697; Sept. 5.
- Guard for skate runners. C. I. Johnson. 1,930,810; Oct. 17.
- Guard for spinning machines, Dust. W. B. Walker. 1,932,027; Oct. 24.
- Guard for truck chains. J. F. Lafferty. 1,903,120; Mar. 28.
- Guard for vehicle fenders, Splash. C. A. Persons and N. B. Testa. 1,914,977; June 20.
- Guard for wood heel turning machines. W. J. Shaw. 1,901,063; Mar. 14.
- Guard, Fruit. G. D. Bishop. 1,895,308; Jan. 24.
- Guard, Fruit. G. D. Bishop. 1,906,518; May 2.
- Guard, Guy. T. Birkenmaier. 1,893,981; Jan. 10.
- Guard, Guy. T. Birkenmaier. 1,901,220; Mar. 14.
- Guard, Guy. C. A. Fox. 1,938,957; Dec. 12.
- Guard, Guy wire. J. Blackburn and H. W. Heller. 1,923,858; Aug. 22.
- Guard, Guy wire. B. M. Smalley. 1,931,513; Oct. 24.
- Guard, Harvester. C. R. Braden. 1,936,006; Nov. 21.
- Guard, Highway. E. L. Benedict. 1,927,303; Sept. 19.
- Guard, Highway. C. H. Macdonald. 1,913,715; June 13.
- Guard, Highway. C. H. Macdonald. 1,922,445; Aug. 15.
- Guard, Highway. W. F. Schulz. 1,930,985; Oct. 17.
- Guard, Leg. A. L. Becket. 1,931,524; Oct. 24.
- Guard, Microtome knife. G. Fassin. 1,925,181; Sept. 5.
- Guard or shield. R. J. Brittain, jr. 1,922,076; Aug. 15.
- Guard, Portable. O. S. Flood. 1,893,617; Jan. 10.
- Guard rail fastener. T. Maney. 1,939,560; Dec. 12.
- Guard rail, Highway. S. R. Garner. 1,905,377; Apr. 25.
- Guard, Road. J. T. Sweeney. 1,903,725; Apr. 11.
- Guard, Roadway. R. J. Teetor. 1,913,690; June 13.
- Guard, Safety dust. S. W. Griffiths. 1,931,348; Oct. 17.
- Guard, Saw. E. Masset. 1,904,005; Apr. 18.
- Guard, Scriber. C. D. Gilmore. 1,896,580; Feb. 7.
- Guard, Shoe. C. Watanabe. 1,895,141; Jan. 24.
- Guard, Splash. W. C. Jackson. 1,933,982; Nov. 7.
- Guard, Splash. W. McCollum. 1,934,135; Nov. 7.
- Guard support, Trolley wire. O. E. Nichols. 1,913,086; June 6.
- Guard suspension, Mud. A. Dubonnet. 1,916,099; June 27.
- Guard, Tool holder. I. E. Toniewicz and M. Lizon. 1,902,679; Mar. 21.
- Guard, Tractor lug. B. A. Francis. 1,932,267; Oct. 24.
- Guard, Traffic. C. C. Elston. 1,916,787; July 4.
- Guard, Vent pipe joint. E. N. Lightbown. 1,923,220; Aug. 22.
- Guard, Window. T. Briegel. 1,935,695; Nov. 21.
- Guard, Window. S. Brown. 1,934,164; Nov. 7.
- Guarded fruit box. G. Wiggins and H. Phillips. 1,930,218; Oct. 10.
- Gudgeon locking device. W. J. Simmonds. 1,914,048; June 13.
- Guide. L. Zapf. 1,935,787; Nov. 21.
- Guide adjuster, Automatic. W. H. Catterall. 1,911,549; May 30.
- Guide adjusting means, Sealer. J. L. Ferguson. 1,893,496; Jan. 10.
- Guide and bumper for blind cages, Inserted. J. A. Yerkes and R. H. Lemmon. 1,901,217; Mar. 14.
- Guide and float shoe, Combination. R. R. Bloss. 1,937,188; Nov. 28.
- Guide and guard for paint brushes. F. D. Tamplin. 1,927,962; Sept. 26.
- Guide and paraffin scraper, Double cross center. W. K. Morgan. 1,897,507; Feb. 14.
- Guide and stop mechanism for window sashes or the like. J. Freysinger. 1,939,969; Dec. 19.

- Guide and traverse bar bracket, Thread. A. L. Coradi. 1,912,256; May 30.
- Guide attachment for tractors. W. B. Thiemann. 1,939,472; Dec. 12.
- Guide, Auger. E. A. Moller. 1,919,900; July 25.
- Guide blade device for elastic fluid machines. O. A. Viberg. 1,915,459; June 27.
- Guide block, Grinding machine. J. Sunnen. 1,929,613; Oct. 10.
- Guide block, pulley block, and the like. M. van der Schans and G. Hilgers. 1,894,286; Jan. 17.
- Guide, Chain. G. Currie. 1,907,509; May 9.
- Guide, Duplex stationery. J. M. Ostrey. 1,927,612; Sept. 19.
- Guide, Elevator. J. Dunlop. 1,899,751; Feb. 28.
- Guide for a flush ball rod. F. A. Hart. 1,932,695; Oct. 31.
- Guide for a labeling machine, Overhead bottle. J. O. Fenner. 1,922,576; Aug. 15.
- Guide for automobile lifts, Wheel. L. C. Stukenborg. 1,906,497; May 2.
- Guide for bricklayers' use. H. A. Golt. 1,909,267; May 16.
- Guide for correct grinding of twist drills. W. B. Ward. 1,920,537; Aug. 1.
- Guide for cutting torches. A. F. Day. 1,922,529; Aug. 15.
- Guide for drill pipe. H. Osborne. 1,910,631; May 23.
- Guide for electric saws, Portable. C. B. Tinnen. 1,911,045; May 23.
- Guide for flexible electric cords, Self-winding. W. J. Grant. 1,936,085; Nov. 21.
- Guide for paper plates of typewriters, Adjustable. J. M. Ostrey. 1,938,531; Dec. 5.
- Guide for rolling mills. A. Harris. 1,922,803; Aug. 15.
- Guide for saw blades in wood sawing. M. E. Pixley. 1,901,376; Mar. 14.
- Guide for slicing machines. C. F. M. van Berkel. 1,926,828; Sept. 12.
- Guide for stitching machines. E. Abo. 1,922,906; Aug. 15.
- Guide frame for shaker chutes. D. U. Rich. 1,937,593; Dec. 5.
- Guide, Line. G. W. Bretz. 1,917,493; July 11.
- Guide means for a photographic-roll holder. O. Wittel. 1,925,553; Sept. 5.
- Guide means for feeding bars of stock to machine tools. C. A. Rich. 1,933,073; Oct. 31.
- Guide, Nail wire. A. Bradley. 1,898,286; Feb. 21.
- Guide rail lubricator. C. Norton. 1,897,764; Feb. 14.
- Guide rod, Flush type. E. S. Roscoe. 1,918,428; July 18.
- Guide roll mount. W. W. Sayers. 1,924,807; Aug. 29.
- Guide, Sash. W. S. Hamm and H. D. Sevison. 1,919,367; July 25.
- Guide, support, and driving means for a fan, Combined. A. A. Arnold. Des. 90,186; June 27.
- Guide, Tractor. K. A. Spieth. 1,916,341; July 4.
- Guide, Window glass. E. W. M. Bailey. 1,918,444; July 18.
- Guide, Window glass. E. W. M. Bailey. 1,921,601; Aug. 8.
- Guides for window screen sashes. W. J. Dennis. 1,911,752; May 30.
- Guiding device, Cloth. C. H. Coolidge. 1,919,291; July 25.
- Guiding device for ejected shuttle. R. G. Turner. 1,937,449; Nov. 28.
- Guiding device for long draft aprons. J. A. Jessen. 1,895,800; Jan. 31.
- Guiding device for sheet working printing presses. N. Becker. 1,921,340; Aug. 8.
- Guiding implements, particularly the burner of cutting burner or welding machines, Device for. A. Schmidt. 1,921,887; Aug. 8.
- Guiding means for annular valves. K. Schoene. 1,925,464; Sept. 5.
- Guiding means for sliding doors. J. G. Fleming. 1,936,902; Nov. 28.
- Guiding plates used in rolling machines and pouring tables for manufacturing plate glass and the like. G. P. Despret. 1,933,167; Oct. 31.
- Guitar attachment. C. T. Schrickel. 1,926,561; Sept. 12.
- Gum base, Manufacture of chewing. J. O. Barker. 1,930,436; Oct. 10.
- Gum hydrocarbons, Supplying the. F. F. von Wilmowsky. 1,933,573; Nov. 7.
- Gum inhibiting treatment of cracked petroleum distillates. H. P. Lankelma. 1,938,456; Dec. 5.
- Gum inhibitor for gasoline. W. S. Calcott and I. E. Lee. 1,940,445; Dec. 19.
- Gum inhibitor for hydrocarbons. W. S. Calcott and H. W. Walker. 1,939,659; Dec. 19.
- Gum lacquer, Synthetic. C. T. Ellis. 1,934,261; Nov. 7.
- Gum massager and tooth brusher, Combined. J. W. Caldwell. 1,914,240; June 13.
- Gum, Method of and apparatus for delivering crude pine. C. C. Gillican. 1,896,616; Feb. 7.
- Gum, Stick of chewing. C. E. Peterson. Des. 90,592; Aug. 29.
- Gummed surfaces, Device for moistening. C. D. Ryan. 1,927,806; Sept. 19.
- Gun. C. E. Simpson and W. R. Bull. 1,932,424; Oct. 31.
- Gun. E. H. Smith. 1,908,070; May 9.
- Gun and target. J. W. Gibbons. 1,926,585; Sept. 12.
- Gun, Arrow. J. Umling. 1,907,273; May 2.
- Gun attachment. E. I. Neuhaus. 1,907,302; May 2.
- Gun, Automatic. A. Podrabsky. 1,926,816; Sept. 12.
- Gun, Automatic. J. C. White. 1,907,163; May 2.
- Gun, Automatic. J. C. White. 1,907,164; May 2.
- Gun barrel, Composite. G. J. Kessenich. 1,903,295; Apr. 4.
- Gun barrels and cylindrical surfaces, Apparatus for grinding. M. C. Hutto. 1,916,267; July 4.
- Gun, Calking and glazing. M. M. Carson. 1,929,306; Oct. 3.
- Gun carriage. E. C. Goebert. 1,894,680; Jan. 17.
- Gun carriage adapted to be transformed rapidly into a gun carriage for firing upon aircraft, Wheeled. N. E. Methlin. 1,896,911; Feb. 7.
- Gun casing, Grease. C. Harris. Des. 89,399; Mar. 7.
- Gun, Combination low and high pressure grease. I. B. Nielsen. 1,926,398; Sept. 12.
- Gun, Compression spray. I. W. P. Buchanan. Re18,813; May 2.
- Gun, Concrete. F. H. Kernan. 1,911,514; May 30.
- Gun filler, Grease. L. O. Volland. 1,933,463; Oct. 31.
- Gun fire control apparatus. W. W. Willard. 1,936,442; Nov. 21.
- Gun fire control, System of. E. M. Hewlett and W. W. Willard. 1,894,822; Jan. 17.
- Gun, Foldable grease. S. W. Hartley. 1,923,436; Aug. 22.
- Gun, Foldable grease. C. W. Parker. 1,926,496; Sept. 12.
- Gun for cleaning differentials and the like. L. W. Peck. 1,940,506; Dec. 19.
- Gun fort, Rotary machine. V. Varju. 1,897,451; Feb. 14.
- Gun, Gas. E. H. Ingalls. 1,902,127; Mar. 21.
- Gun, Glue. H. A. Green. 1,936,906; Nov. 28.
- Gun, Grease. R. L. Bacher and P. I. Schultz. 1,903,750; Apr. 18.
- Gun, Grease. C. G. Butler. Des. 91,053; Nov. 21.
- Gun, Grease. C. G. Butler. 1,938,891; Dec. 12.
- Gun, Grease. F. L. Carson and W. Bowermaster. 1,922,277; Aug. 15.
- Gun, Grease. J. F. Carter. Des. 89,678; Apr. 25.
- Gun, Grease. G. H. Hartman. 1,932,780; Oct. 31.
- Gun, Grease. P. E. Kopp. 1,905,913; Apr. 25.
- Gun, Grease. C. W. Parker. 1,926,495; Sept. 12.
- Gun, Grease. R. Rapellin. 1,905,569; Apr. 25.
- Gun, Grease. J. L. Snodgrass. 1,903,227; Mar. 28.
- Gun installation. Aircraft machine. W. H. Capell. 1,907,342; May 2.
- Gun, Light machine. C. Pelo. 1,897,710; Feb. 14.
- Gun, Liquid. H. A. Roselund. 1,900,668; Mar. 7.
- Gun, Liquid discharge. C. F. Lefever. 1,907,839; May 9.
- Gun, Lubricating. C. W. Hefner. 1,940,052; Dec. 19.
- Gun, Metal spray. E. Stutenrauch. 1,930,373; Oct. 10.
- Gun mount. C. F. Hofstetter. 1,939,699; Dec. 19.
- Gun mount. B. Palmer. 1,896,186; Feb. 7.
- Gun mount and locking device therefor, Machine. G. Johnston. 1,919,223; July 25.
- Gun mount for aircraft, Machine. C. G. Trimbach. 1,892,914; Jan. 3.
- Gun mounting for aircraft. B. N. Wallis. 1,935,491; Nov. 14.
- Gun mounting for aircraft and other vehicles. B. W. A. Dickson. 1,906,451; May 2.
- Gun piston and reservoir latch, Grease. I. L. Eastman. 1,924,841; Aug. 29.
- Gun port and speaking aperture, Combination. H. W. Toney. 1,911,408; May 30.
- Gun port for bullet-resisting structures. S. R. Popp. 1,900,364; Mar. 7.
- Gun, Pressure grease. E. B. Norman. 1,899,349; Feb. 28.
- Gun reservoir construction, Grease. I. L. Eastman. 1,933,371; Oct. 31.
- Gun, Sand blast. L. D. Peik. 1,910,497; May 23.
- Gun sight. J. C. Garand. 1,929,418; Oct. 10.
- Gun sight. F. K. Howard. 1,908,019; May 9.
- Gun sight. H. B. Inglis, C. L. Paulus, and R. Kauch. 1,907,387; May 2.
- Gun sight. J. H. Redfield. 1,911,770; May 30.
- Gun sight, Automatically deflected. R. C. Coupland. 1,935,615; Nov. 21.
- Gun sight, Compensating. C. L. Paulus and R. Kauch. 1,939,517; Dec. 12.
- Gun sight mounting, Telescopic. K. Jung. 1,926,151; Sept. 12.
- Gun sight, Rear. D. W. King. 1,922,302; Aug. 15.
- Gun sights, Mechanism for angular adjustment of. G. Charvet. 1,939,540; Dec. 12.
- Gun, Spray. S. F. Anderson. 1,907,031; May 2.
- Gun, Spray. S. Bramsen. 1,910,673; May 23.
- Gun, Spray. R. M. Cathcart. 1,929,348; Oct. 3.
- Gun, Spray. J. C. Hull. 1,921,923; Aug. 8.
- Gun, Spray. A. G. Larson. 1,906,975; May 2.
- Gun, Spray. J. T. Peterson. 1,940,268; Dec. 19.
- Gun support. D. L. Irwin. 1,914,259; June 13.
- Gun, Trap. P. B. Hass. 1,920,695; Aug. 1.
- Gun, Water. G. E. Robinson. 1,923,588; Aug. 22.
- Gun, Wind-driven photo machine. U. Nistri. 1,940,434; Dec. 19.
- Guns, Apparatus for aiming. R. Riberolles. 1,939,367; Dec. 12.
- Guns, Apparatus for use in the fire control of antiaircraft. J. P. Watson and S. Parker. 1,940,518; Dec. 19.
- Guns, Automatic firing action for. W. F. Kellotat. 1,924,159; Aug. 29.
- Guns, Magazine barrel for. C. F. Lefever. 1,899,702; Feb. 28.

- Guns, Operating mechanism for machine. G. A. Woody and R. C. Coupland. 1,897,099; Feb. 14.
- Guns, Power unit for individual lubricant. J. F. Carter. 1,918,833; July 18.
- Guns, Shoulder stock for machine. R. C. Coupland. 1,909,171; May 16.
- Guns, Variable recoil mechanism for. E. C. Goebert and T. A. Conlon. 1,898,089; Feb. 21.
- Gusset structure, Adjustable. L. H. Leonard and J. C. Whitesell, jr. 1,923,544; Aug. 22.
- Gut cleaning machine. E. W. Thompson, W. D. Wollesen and J. E. Titus. 1,941,118; Dec. 26.
- Gut string splitting peg. G. L. Matthews. 1,925,841; Sept. 5.
- Gutta-percha insulation material. A. R. Kemp and J. H. Ingmanson. 1,935,321; Nov. 14.
- Gutter bracket for roofers, Safety. W. T. MacAlpine. 1,926,207; Sept. 12.
- Gutter hanger. B. Nord. 1,936,065; Nov. 21.
- Gutter hanger. J. Peal. 1,940,369; Dec. 19.
- Guy-line clamp. J. M. Chevalier. 1,920,970; Aug. 8.
- Guy strand guard and lock. J. Blackburn. 1,902,945; Mar. 28.
- Guy wire protector. H. E. Miller. 1,902,414; Mar. 21.
- Guy wire protector. H. E. Miller. 1,933,818; Nov. 7.
- Gymnasium apparatus. C. L. Lowman. 1,915,371; June 27.
- Gymnastic apparatus. R. A. Edwards. 1,902,694; Mar. 21.
- Gypsite, Artificial. C. K. Roos and R. Ericson. 1,932,120; Oct. 24.
- Gypsum and manufacturing same, High strength calcined. W. S. Randel and M. C. Dailey. 1,901,051; Mar. 14.
- Gypsum and resulting product, Making. C. Gamarra. 1,912,702; June 6.
- Gypsum and resulting product, Treating. C. Gamarra. 1,912,701; June 6.
- Gypsum, Apparatus for calcining. L. C. Karriek and W. L. Ellerbeck. 1,897,259; Feb. 14.
- Gypsum, Apparatus for the continuous calcination of. F. J. Gough. 1,905,089; Apr. 25.
- Gypsum calciner. W. M. McNeil. 1,897,394; Feb. 14.
- Gypsum, Calcining. W. S. Randel and M. C. Dailey. 1,931,240; Oct. 17.
- Gypsum concrete mixture. W. C. Hansen. 1,923,370; Aug. 22.
- Gypsum, Method of and apparatus for calcining. C. R. Birdsey. 1,907,717; May 9.
- Gypsum, System for producing. W. C. Hansen. 1,900,381; Mar. 7.
- Gyro-pendulum. O. Richter. 1,906,719; May 2.
- Gyro vertical. E. A. Sperry, jr. and L. F. Carter. 1,934,774; Nov. 14.
- Gyroscope. A. E. Jones. 1,940,499; Dec. 19.
- Gyroscope for borehole testers and other uses, Directional. E. A. Sperry, jr. 1,924,816; Aug. 29.
- Gyroscopic apparatus. J. G. Gray. 1,931,191; Oct. 17.
- Gyroscopic horizon indicator. F. C. Narvesen and B. G. Carlson. 1,939,825; Dec. 19.
- Gyroscopic instrument. H. Anschütz-Kaempfe. 1,895,628; Jan. 31.
- Gyroscopic instrument and apparatus. J. B. Henderson. 1,930,096; Oct. 10.
- Gyroscopic navigational instrument. J. B. Henderson. 1,900,709; Mar. 7.
- Gyroscopic pendulum. J. M. Boykow. 1,940,387; Dec. 19.
- Habit, Riding. T. Kotzlin. 1,897,128; Feb. 14.
- Hack saw. H. C. Lambert. 1,903,940; Apr. 25.
- Hæmacytometer. M. Schulze. 1,918,351; July 18.
- Hair and scalp treating apparatus. P. Anastasi. 1,896,933; Feb. 7.
- Hair and steam chamber to maintain the permanent wave or curl, Novel device to wave the. J. Vasta. 1,895,272; Jan. 24.
- Hair and wave clip, Sliding. S. Alimena and W. Neumann. 1,900,970; Mar. 14.
- Hair, Apparatus for curling. E. L. Smith. 1,916,687; July 4.
- Hair, Apparatus for testing. C. Nessler. 1,917,597; July 11.
- Hair, Apparatus for waving. W. G. Shelton. 1,937,599; Dec. 5.
- Hair band. C. M. Gorman. 1,914,252; June 13.
- Hair clasp. W. H. Hermsdorf. 1,936,838; Nov. 28.
- Hair clip. D. Webber. 1,940,778; Dec. 26.
- Hair clipper. J. Cordova. 1,906,901; May 2.
- Hair clipper. J. Dean. 1,914,243; June 13.
- Hair clipper. N. E. Norstrom. 1,917,662; July 11.
- Hair-clipper, Automatic. R. Knudsen. 1,916,731; July 4.
- Hair clippers. D. B. Brown. 1,924,676; Aug. 29.
- Hair cloth holder. W. L. Sullivan. 1,920,899; Aug. 1.
- Hair collecting device. H. L. Bjorklund. 1,902,211; Mar. 21.
- Hair, Coloring. L. Weisberg and W. F. Greenwald. 1,918,158; July 11.
- Hair, Conditioning and permanently waving. W. W. White. 1,935,002; Nov. 14.
- Hair confiner. Back. C. Casper. 1,919,318; July 25.
- Hair curl clip. J. Goodman. 1,903,281; Jan. 3.
- Hair curler. J. Boda. 1,929,012; Oct. 3.
- Hair curler. G. E. Bjorkman and J. Geloso. 1,901,892; Mar. 21.
- Hair curler. W. H. Cooper. 1,932,335; Oct. 24.
- Hair curler. A. Goodman. 1,896,617; Feb. 7.
- Hair curler. J. Mueller. 1,900,360; Mar. 7.
- Hair curler. K. G. Ströher. 1,922,061; Aug. 15.
- Hair curler. C. K. Thau. 1,917,341; July 11.
- Hair curler or hair wave winder. F. Sehring. 1,900,373; Mar. 7.
- Hair curling and waving device. T. McArdle. 1,921,394; Aug. 8.
- Hair curling apparatus. J. T. Evans. 1,927,261; Sept. 19.
- Hair-curling device. R. Chestnut. 1,905,148; Apr. 25.
- Hair curling device. W. S. Lewis. 1,941,439; Dec. 26.
- Hair curling device. L. Napolitan. 1,926,054; Sept. 12.
- Hair curling device. R. Pezzella. 1,903,086; Mar. 28.
- Hair curling device. R. Pezzella. 1,935,277; Nov. 14.
- Hair curling device. N. L. Solomon. 1,935,133; Nov. 14.
- Hair device. H. Eisler. 1,897,246; Feb. 14.
- Hair, Device for undulation of. V. Castiaux. 1,906,898; May 2.
- Hair, Device for waving and curling. D. J. Connolly. 1,931,645; Oct. 24.
- Hair dressing accessory. I. Frankel. 1,908,970; May 16.
- Hair dressing apparatus. V. Protzky. 1,909,894; May 16.
- Hair dressing appliance. G. A. Holmes. 1,896,866; Feb. 7.
- Hair drier. L. W. Cooley and D. R. Ward. 1,899,261; Feb. 28.
- Hair drier. W. R. Morton and F. C. Williams. 1,913,608; June 13.
- Hair drier. T. I. Moseley. 1,902,334; Mar. 21.
- Hair drier. F. F. Ravlin. 1,931,965; Oct. 24.
- Hair drier. L. Zollars. 1,914,820; June 20.
- Hair drier or similar device, Multiple. C. G. Gross. Des. 90,880; Oct. 17.
- Hair drying apparatus. G. W. Peterson. 1,899,352; Feb. 28.
- Hair-drying apparatus. A. Salm. 1,894,709; Jan. 17.
- Hair drying apparatus, Multiple. A. E. Zingone. 1,931,339; Oct. 17.
- Hair former. B. E. Beadle. 1,916,943; July 4.
- Hair holding device. N. L. Solomon. 1,899,428; Feb. 28.
- Hair, Method and apparatus for waving. W. E. Lippert. 1,896,091; Feb. 7.
- Hair, Method of and appliance for waving. J. V. Slavick. 1,939,323; Dec. 12.
- Hair net or cap. H. Schramm. 1,929,080; Oct. 3.
- Hair, Permanently waving. R. L. Evans. 1,894,032; Jan. 10.
- Hair, Permanently waving. R. L. Evans. 1,907,052; May 2.
- Hairpin. H. G. Blanchard. 1,909,928; May 23.
- Hairpin. L. F. Burch. 1,893,514; Jan. 10.
- Hairpin. F. E. De Long. 1,930,469; Oct. 17.
- Hairpin. J. J. Losce. 1,931,443; Oct. 17.
- Hairpin package. J. A. O'Brien. 1,895,005; Jan. 24.
- Hair remover. W. F. Steeg and R. L. Orwig. 1,910,647; May 23.
- Hair removing apparatus. B. R. Miller. 1,906,802; May 2.
- Hair roller. S. Behr. 1,928,960; Oct. 3.
- Hair testing device. W. R. Beckley. 1,932,682; Oct. 31.
- Hair trimmer and dresser. J. Keenan. Re18,781; Mar. 28.
- Hair trimming and singeing device. L. M. Baynham. 1,928,242; Sept. 26.
- Hair waver. E. E. Baldwin. 1,921,861; Aug. 8.
- Hair waver. A. Goodman. 1,904,444; Apr. 18.
- Hair waver. R. M. Keele. 1,906,756; May 2.
- Hair waver. A. O. Lewis. 1,904,150; Apr. 18.
- Hair waver. T. I. Moseley. 1,904,625; Apr. 18.
- Hair waver. B. Saunders. 1,917,549-50; July 11.
- Hair waver. J. Vaghelatos. 1,894,431; Jan. 17.
- Hair waver or curler. H. C. and M. A. Fraser. 1,920,690; Aug. 1.
- Hair, Waving. H. Bonat. 1,921,802; Aug. 8.
- Hair waving accessory. H. Bonat. 1,915,268; June 27.
- Hair waving and curling machine. R. E. Drannon and N. W. Kenison. 1,906,252; May 2.
- Hair waving and curling rod. S. Fisher. 1,895,653; Jan. 31.
- Hair-waving apparatus. A. G. Borden. 1,936,580; Nov. 28.
- Hair waving apparatus. R. L. Evans. 1,927,544; Sept. 19.
- Hair-waving apparatus. R. L. Evans and F. M. Winkel. 1,925,527; Sept. 5.
- Hair waving apparatus. M. M. Hemmingson. 1,909,677; May 16.
- Hair waving apparatus. R. M. Keele. 1,910,842; May 23.
- Hair waving apparatus. J. Mover. 1,894,612; Jan. 17.
- Hair waving apparatus. O. Seiter. 1,919,282; July 25.
- Hair waving apparatus and method. R. M. Keele. 1,936,674; Nov. 28.
- Hair-waving apparatus, Electrical control system for permanent. E. B. Marter. 3d. 1,900,831; Mar. 7.
- Hair waving, Apparatus for. G. Decker. 1,903,743; Apr. 11.
- Hair waving appliance. H. Gerkin. 1,895,158; Jan. 24.
- Hair waving appliance. J. Mover. Re18,852; May 30.
- Hair waving clamp. P. Falcone and R. E. Winton. 1,904,979; Apr. 18.
- Hair waving clip. E. O. Frederics. 1,940,451; Dec. 19.
- Hair waving device. R. Bove. 1,893,794; Jan. 10.
- Hair waving device. R. D'Orleans. Re18,719; Feb. 28.
- Hair waving device. B. F. Jancke. 1,924,040; Aug. 22.
- Hair waving device. R. B. Seward. 1,894,795-8; Jan. 17.
- Hair waving device. R. B. Seward. 1,919,600; July 25.
- Hair waving device. R. B. Seward. 1,933,125; Oct. 31.

- Hair waving device. D. Webber. 1,912,504; June 6.
 Hair waving heater. E. O. Fredericks. 1,923,862; Aug. 22.
 Hair waving heater. E. O. Fredericks. 1,933,847; Nov. 7.
 Hair, Waving human. C. F. Harris. 1,932,519; Oct. 31.
 Hair waving iron, Electric. H. Rochat. 1,898,467; Feb. 21.
 Hair-waving machine. W. H. H. Davis. 1,931,253; Oct. 17.
 Hair waving machine or similar device. O. Hibner. Des. 89,834; May 9.
 Hair waving method. W. H. H. Davis. 1,936,662; Nov. 28.
 Hair waving method. J. Mayer. Re18,841; May 30.
 Hair waving or curling device, Permanent. C. O. V. Fogelin. 1,899,190; Feb. 28.
 Hair waving or curling rod. V. N. Nicosia. 1,900,126; Mar. 7.
 Hair waving pad. C. A. Backman. 1,893,352; Jan. 3.
 Hair waving pad. E. G. McDonough. 1,907,079; May 2.
 Hair waving pad. E. G. McDonough. 1,920,758-9; Aug. 1.
 Hair waving, Permanent. G. Gidwitz. 1,912,835; June 6.
 Hair waving protector. R. M. Keele. 1,933,913; Nov. 7.
 Hair winding mechanism. G. E. Björkman. 1,901,430; Mar. 14.
 Hall tree, Combination. W. R. Johnson. Des. 90,443; Aug. 8.
 Halogen anthraquinone benzacridone. M. A. Kunz, K. Koeberle, and E. Berthold. 1,924,445; Aug. 29.
 Halogen compounds, Production of. A. S. Behrman. 1,916,457; July 4.
 Halogen derivatives of *n*-naphthyl-o-benzoic acid. R. Adams, E. H. Johnson, and V. M. Weinmayr. 1,917,285; July 11.
 Halogen derivatives of dibenzopyrene quinones, Production of. M. A. Kunz, K. Koeberle, and E. Berthold. 1,922,481; Aug. 15.
 Halogen derivatives of the anthraquinone acridone series and making them. M. A. Kunz, E. Berthold, and K. Koeberle. 1,927,127; Sept. 19.
 Halogen dibenzopyrenequinones. M. A. Kunz, K. Koeberle, and E. Berthold. 1,922,482; Aug. 15.
 Halogen-naphthalene-ketones and preparing them. G. Kränzlein, H. Vollmann, and E. Diefenbach. 1,910,470; May 23.
 Halogen-phenols. Substituted. E. Klarman and L. W. Gates. 1,938,911-12; Dec. 12.
 Halogen substitution products of 2-hydroxynaphthalene-3-carboxylic acid and preparing them. M. Lange, W. Luce, and T. Jacobs. 1,906,282; May 2.
 Halogenated bis-(hydroxy-aryl)-oxides. F. Muth and G. Wesenberg. 1,932,595; Oct. 31.
 Halogenation process and products produced thereby. W. S. Calcott and A. S. Carter. 1,896,160; Feb. 7.
 Halogenation product of acenaphthindandion-diketimides and preparing them. W. Eckert and H. Sieber. 1,927,114; Sept. 19.
 Halter. W. H. Crandall. 1,939,107; Dec. 12.
 Halter, Calf feeding. J. M. Coyner. 1,935,144; Nov. 14.
 Ham press. C. Butz. 1,935,015; Nov. 14.
 Hammer. R. B. Gevert. 1,922,890; Aug. 15.
 Hammer. E. W. Tschudi. 1,898,069; Feb. 21.
 Hammer attachment. E. Sanders. 1,928,268; Sept. 26.
 Hammer, Centrifugal. L. W. Van Buskirk. 1,928,516; Sept. 26.
 Hammer, Claw. G. Bosco. 1,934,680; Nov. 14.
 Hammer, Claw. V. Green. 1,934,706; Nov. 14.
 Hammer, Claw. C. R. Reiden. 1,919,128; July 18.
 Hammer crusher. S. D. Hartshorn. 1,936,599; Nov. 28.
 Hammer, Drop. F. C. Billings. 1,910,314; May 23.
 Hammer, Drop. W. H. J. Fitzgerald and R. P. Fitzgerald. 1,924,545; Aug. 29.
 Hammer, Drop. R. E. Waldron. 1,899,371; Feb. 28.
 Hammer, Electric. M. Parisi. 1,940,692; Dec. 26.
 Hammer, Fluid pressure. E. W. Stevens. 1,928,707; Oct. 3.
 Hammer, Fluid-pressure. E. W. Stevens. 1,931,042; Oct. 17.
 Hammer, Hollow piston. G. M. Nell and E. W. Stevens. 1,927,499; Sept. 19.
 Hammer, Long stroke. E. W. Stevens. 1,907,129; May 2.
 Hammer magnetic type, Balanced spring. F. Schouten. 1,904,955; Apr. 18.
 Hammer, Mechanically operated. J. McNelly. 1,938,459; Dec. 5.
 Hammer mill. C. B. Schur. 1,938,500; Dec. 5.
 Hammer mill for grinding or pulverizing varieties of materials. J. C. Saunders. 1,911,718; May 30.
 Hammer, Motor-driven mechanical. M. G. H. Ousbäck. 1,901,981; Mar. 21.
 Hammer, Multiple roll-set board drop. M. H. Flynn. 1,929,021; Oct. 3.
 Hammer, Pile. M. Schalscha. 1,917,066; July 4.
 Hammer, Portable electric. R. H. Maxwell and F. J. Weidling. 1,921,628; Aug. 8.
 Hammer, Portable power. A. G. Decker. 1,911,813; May 30.
 Hammer, Power. L. Skeel and F. P. Miller. 1,901,779; Mar. 14.
 Hammer, Rotary. J. P. Brooks. 1,940,116; Dec. 19.
 Hammer, Rotary. S. C. Jensen. 1,917,525; July 11.
 Hammer, Sign posting. J. E. Arant. 1,940,739; Dec. 26.
 Hammer, Slide. H. G. Kreis. 1,903,548; Apr. 11.
 Hammers or the like, Attachment for mechanical. W. F. O'Gorman. 1,915,071; June 20.
 Hammock, Canvas. C. B. Goudle. 1,917,518; July 11.
 Hammock, Lung collapsing. O. A. Greenwood. 1,934,302; Nov. 7.
 Hamper, Tilt-front. L. Guild. Des. 91,065; Nov. 21.
 Hand apparatus for mouth or dental treatment. M. Alt-mann. 1,935,973; Nov. 21.
 Hand, Artificial. E. L. Laherty. 1,929,926; Oct. 10.
 Hand, Artificial. R. B. Trautman. 1,929,541; Oct. 10.
 Hand bag. R. Appel. 1,927,624; Sept. 19.
 Hand bag. H. Brousseau. 1,939,657; Dec. 19.
 Hand bag. P. E. Hartmann. 1,899,960; Mar. 7.
 Hand bag. E. Herold. 1,936,358; Nov. 21.
 Hand bag. W. C. Hiering. 1,913,346; June 13.
 Hand bag. W. C. Hiering. 1,915,313-14; July 27.
 Hand bag. W. C. Hiering. 1,918,703; July 18.
 Hand bag. W. C. Hiering. 1,930,935; Oct. 17.
 Hand bag. D. Karron. Des. 90,770-1; Sept. 26.
 Handbag. D. Karron. Des. 90,808; Oct. 3.
 Hand bag. D. Karron. 1,919,333; July 25.
 Hand bag. M. E. Lessin. 1,895,671; Jan. 31.
 Hand bag. R. Lobel. Des. 90,533; Aug. 22.
 Hand bag. S. Miller. 1,920,802; Aug. 1.
 Hand bag. B. Steinman. 1,939,731; Dec. 19.
 Hand-bag. M. White. Des. 89,554; Mar. 28.
 Hand bag. C. Wolf. 1,895,018; Jan. 24.
 Handbag and similar receptacle. D. Karron. 1,925,487; Sept. 5.
 Hand bag and similar receptacle. D. Karron. 1,939,056; Dec. 12.
 Handbag and the like. L. Bromfeld. 1,893,931; Jan. 10.
 Handbag fastener. F. J. Quigan. 1,931,707; Oct. 24.
 Hand bag, Lady's. H. Roth. 1,914,960; June 20.
 Handbag, Lady's. N. Sloane. Des. 91,181; Dec. 12.
 Hand brake. G. F. Endicott. 1,923,011; Sept. 26.
 Hand brake. H. Fuchs. 1,905,845; Apr. 25.
 Hand brake. H. Fuchs. 1,925,240; Sept. 5.
 Hand brake. S. B. Haseltine. 1,904,369; Apr. 18.
 Hand brake. S. B. Haseltine. 1,909,952; May 23.
 Hand brake. S. B. Haseltine. 1,911,954; May 30.
 Hand brake. S. B. Haseltine. 1,931,654; Oct. 24.
 Hand brake. E. H. Lehman. 1,923,315; Aug. 22.
 Hand brake. R. J. Olander. 1,928,027; Sept. 26.
 Hand brake. F. H. Pietzsch. 1,935,374; Nov. 14.
 Hand brake. W. F. Richards. 1,926,175; Sept. 12.
 Hand brake, Railway car. R. W. Burnett. 1,911,056; May 23.
 Hand drill. E. Harcharick. 1,895,990; Jan. 31.
 Hand grenade or aerial bomb. J. W. Young. 1,897,948; Feb. 14.
 Hand-grip for firearms. E. E. Hess and H. J. Farrant. 1,898,868; Feb. 21.
 Hand lamp. B. F. Muldoon. 1,926,108; Sept. 12.
 Hand lamp. W. B. Schulte. 1,940,023; Dec. 19.
 Hand mirror. W. B. Marder. Des. 90,329-31; July 18.
 Hand protector. W. Horlick, jr. 1,929,494; Oct. 10.
 Hand protector. G. D. Wrant. 1,919,084; July 18.
 Hand spray pump. C. W. Hollingsworth. 1,937,344; Nov. 28.
 Hand stitching tool. H. G. Allen. 1,900,683; Mar. 7.
 Hand tool. J. L. Boyett. 1,914,800; June 20.
 Hand tool. J. R. Hoffman. 1,918,645; July 18.
 Hand tool, Motor driven. A. A. Clarke. 1,932,511; Oct. 31.
 Handkerchief. T. W. Tansley. Des. 89,657-63; Apr. 18.
 Handkerchief or similar article. V. Flannery. Des. 89,175; Feb. 7.
 Handkerchief or similar article. E. Metzger. Des. 89,051; Jan. 17.
 Handkerchief or similar article. F. A. Ramig. Des. 89,919-20; May 16.
 Handkerchief or similar article. F. A. Ramig. Des. 90,048; May 30.
 Handle. See—
 Actuating handle. Fishing rod handle.
 Automobile door handle. Flowerpot handle.
 Ball handle. Fly rod handle.
 Basket handle. Grave vault handle.
 Battery box handle. Implement handle.
 Battery handle. Iron handle.
 Brush handle. Lifting jack handle.
 Burial casket handle. Luggage carrier handle.
 Container handle. Nail file handle.
 D-handle. Saw handle.
 Detachable handle. Scraping tool handle.
 Door handle. Switch handle.
 Doorlock handle. Tool handle.
 Extensible handle. Utensil handle.
 Fish rod handle. Valve handle.
 Handle. A. O. Engberg and T. E. D. Bilde. 1,908,834; May 16.
 Handle. H. W. Hindes. Des. 90,251; July 4.
 Handle. E. N. Jacobi. 1,899,418; Feb. 28.
 Handle. F. Kuhn and L. H. Thomas. 1,934,131; Nov. 7.
 Handle. L. M. Willey. 1,900,423; Mar. 7.
 Handle and brake for fishing rod reels. C. P. Smith. 1,927,576; Sept. 19.
 Handle and making same, Mattress. E. H. Falk and I. M. Davis. 1,931,578; Oct. 24.
 Handle and mounting structure. H. A. Douglas. 1,909,665; May 16.
 Handle attaching means, Vacuum cleaner. F. Riebel, jr., and D. M. Dow. 1,936,366; Nov. 21.
 Handle attachment for sheet metal burial case. J. D. Caneby. 1,934,035; Nov. 7.
 Handle attachment, Lawn mower. R. R. McCarty. 1,914,782; June 20.

- Handle bail and handle spring means for carpet sweepers. F. W. Pullen. 1,937,589; Dec. 5.
- Handle bar, Temper-screw. M. and C. Myers. 1,897,854; Feb. 14.
- Handle connection and making the same, Mop. J. W. Barton. 1,917,570; July 11.
- Handle construction. O. J. Leins. 1,909,494; May 16.
- Handle construction. G. C. Wilson. 1,919,455; July 25.
- Handle covering. G. E. Russell and H. I. Diamond. 1,940,104; Dec. 19.
- Handle device. J. A. Christian. 1,929,772; Oct. 10.
- Handle extension. S. R. Harper. 1,916,793; July 4.
- Handle for articulated bed springs, Operating. B. McIntosh. 1,941,264; Dec. 26.
- Handle for bags and sacks. E. N. Malvern, G. C. Clary, and W. W. Jones. 1,897,910; Feb. 14.
- Handle for coffee makers. C. E. Page. Des. 89,408; Mar. 7.
- Handle for coffeepots and the like. R. F. Krause. 1,915,129-30; June 20.
- Handle for coffeepots and the like, Hollow. O. W. Martha. 1,907,991; May 9.
- Handle for fishing rods. R. R. Teetor. 1,898,323; Feb. 21.
- Handle for kitchen utensils or similar articles. J. O. Gadd. Des. 90,978; Nov. 7.
- Handle for rock drills. E. F. Terry. 1,902,530; Mar. 21.
- Handle for towels, Detachable. L. J. Badgley. 1,914,796; June 20.
- Handle for umbrellas. J. E. McWilliams. 1,931,078; Oct. 17.
- Handle for vacuum cleaners. J. Tuteur. 1,902,472; Mar. 21.
- Handle for vessels containing hot liquids. P. F. Towns. 1,920,330; Aug. 1.
- Handle or similar article for an automotive vehicle, Outside door. E. S. Carlson. Des. 89,436; Mar. 14.
- Handle or similar article for an automotive vehicle, Outside door. E. S. Carlson. Des. 91,055-6; Nov. 21.
- Handle or similar article for an automotive vehicle, Outside door. J. R. Morgan. Des. 91,077; Nov. 21.
- Handle or similar article for an automotive vehicle, Outside door. E. Schebera and H. A. Shaw. Des. 90,036; June 6.
- Handle or similar article for an automotive vehicle, Outside door. W. Schnell. Des. 89,452; Mar. 14.
- Handle or similar article for an automotive vehicle, Outside door. W. Schnell. Des. 91,088-9; Nov. 21.
- Handle securing means for valves. G. J. Morris. 1,929,708; Oct. 10.
- Handle-stop for railway car side doors. A. E. Small. 1,939,865; Dec. 19.
- Handle-stop for railway car side doors. A. E. Small. 1,939,928; Dec. 19.
- Handle structure. E. Lloyd. 1,909,368; May 16.
- Handle structure, Vacuum cleaner. B. J. Tamarin. 1,902,593; Mar. 21.
- Handle structure, Vacuum cleaner. B. J. Tamarin. 1,921,439; Aug. 8.
- Handle support. N. L. Jordon. 1,901,166; Mar. 14.
- Handles for hood catches or the like, Sheet metal. R. G. Moore and A. Cland-Mantle. 1,916,113; June 27.
- Handling and storing, Apparatus for. W. Harnischfeger. 1,938,658; Dec. 12.
- Handling bent metal, Apparatus for. S. D. Cooper. 1,919,186; July 25.
- Handling cylindrical articles and the like, Apparatus for. K. F. Snow. 1,901,360; Mar. 14.
- Hanger for aeroplanes and the like. J. M. Webster. 1,902,205; Mar. 21.
- Hangers, Apparatus for constructing large. J. H. Pomeroy. 1,935,990; Nov. 21.
- Hanger: See—
- Apparel hanger.
 - Awning hanger.
 - Bacon hanger.
 - Bathtub hanger.
 - Battery hanger.
 - Cage and utility hanger.
 - Ceiling hanger.
 - Clamp bacon hanger.
 - Clothes hanger.
 - Clothesline hanger.
 - Coat and trouser hanger.
 - Cow tail hanger.
 - Curtain display hanger.
 - Curtain or drapery hanger.
 - Door hanger.
 - Dress-mirror hanger.
 - Eaves trough hanger.
 - Fire extinguisher hanger.
 - Garment hanger.
 - Gutter hanger.
 - Hat and coat hanger.
 - Hose hanger.
 - Interlocking hanger.
 - Load carrying hanger.
 - Meat hanger.
 - Meter hanger.
 - Picture hanger.
 - Pipe hanger.
 - Punching bag hanger.
 - Radiator hanger.
 - Rain down spout hanger.
 - Sash hanger.
 - Seat hanger.
 - Suspension hanger.
 - Transformer hanger.
 - Trouser hanger.
 - Tubing hanger.
 - Wardrobe hanger.
 - Wire hanger.
- Hanger. L. P. Boll. 1,925,624; Sept. 5.
- Hanger. A. A. Bubbs. 1,895,613; Jan. 31.
- Hanger. S. Goldstein. 1,916,835; July 4.
- Hanger and brush, Garment. O. E. Siden. 1,906,488; May 2.
- Hanger and camphor holder, Combination clothes. M. and J. Roman. 1,911,208; May 30.
- Hanger and protector, Garment. J. De Fay. 1,938,567; Dec. 12.
- Hanger clamp. J. H. Moore. 1,896,456; Feb. 7.
- Hanger for auxiliary wiper arms. H. Hueber and E. C. Horton. 1,897,007; Feb. 7.
- Hanger for bacon. J. E. Covey. 1,913,832; June 13.
- Hanger for clothes, Extensible. M. L. Lee. 1,927,347; Sept. 19.
- Hanger for frames, Theftproof. J. A. Hoegger. 1,908,147; May 9.
- Hanger for fur. M. Gray. 1,900,550; Mar. 7.
- Hanger for fur scarfs and the like. G. Davison. 1,902,622; Mar. 21.
- Hanger for garment bags. A. J. Lichtig. 1,907,552; May 9.
- Hanger for garments. R. W. Taylor. 1,934,018; Nov. 7.
- Hanger for oil well pumping rigs, Straight lift beam. C. Eurit. 1,903,034; Mar. 28.
- Hanger for pipes and the like. R. Fitzpatrick. 1,924,353; Aug. 29.
- Hanger for resilient chair seats and couch bottoms. J. Kronhelm. 1,908,709; May 16.
- Hanger for towels and the like. H. L. Wittstein. 1,915,112; June 20.
- Hanger or bracket. J. Kronhelm. 1,936,720; Nov. 28.
- Hanger rod, Self-adjustable, self-supporting. H. J. Marlowe. 1,910,555; May 23.
- Hanger support, Garment. E. R. Glenn. 1,893,702; Jan. 10.
- Hanging. W. Siegel. 1,934,452; Nov. 7.
- Hank or skein winding mechanism. B. J. Goldsmith. 1,938,900; Dec. 12.
- Hank twisting machine. V. Cazzadori. 1,918,740; July 18.
- Hanks or cheeses of yarns with liquids, Treating. P. Spindler. 1,906,492; May 2.
- Harbor for amphibians, flying boats, and seaplanes, Floating. E. W. McVitty. 1,933,597; Nov. 7.
- Hardening medium and process for hardening tools of iron or steel. A. Garweg. 1,893,077; Jan. 3.
- Hardness testing device. R. A. Webster. 1,903,524; Apr. 11.
- Hardware, Builder's. E. H. Johnson. 1,896,363; Feb. 7.
- Hardware, Vehicle. G. Graff. 1,913,026; June 6.
- Harmonic analyzer. W. A. Morrison. 1,901,400; Mar. 14.
- Harmonic balancer. A. F. Fiedel. 1,903,336; Apr. 4.
- Harmonica. B. Minevitch. Des. 90,334; July 18.
- Harmonica holder. W. C. Peterson. 1,912,654; June 6.
- Harmonics in radio receiver output circuits, Minimizing. I. Sutherland. 1,916,446; July 4.
- Harness and rider supporting means, Combined racing greyhound. R. Renfro. 1,926,420; Sept. 12.
- Harness connection for looms. H. Lussier. 1,920,412; Aug. 1.
- Harness, Dog. M. Bernstein. 1,906,043; Apr. 25.
- Harness for aeronauts and the like, Safety. A. A. Lethern. 1,898,090; Feb. 21.
- Harness for aviators. S. H. Knight. 1,939,062; Dec. 12.
- Harness heddle washer. M. Bornstein. 1,912,063; May 30.
- Harness, Parachute. E. L. Hoffman. 1,909,176; May 16.
- Harp, Mouth. M. Escalante. 1,933,721; Nov. 7.
- Harpoon. W. J. Lannes, sr. 1,913,810; June 13.
- Harps, Control mechanism for vibra. H. A. Bower. 1,902,614; Mar. 21.
- Harrow. S. E. Chance. 1,913,069; June 6.
- Harrow. W. J. Fournet. 1,913,271; June 6.
- Harrow. M. D. Klise. 1,927,458; Sept. 19.
- Harrow. W. L. Paul. 1,913,039; June 6.
- Harrow. A. W. Reynolds. 1,935,416; Nov. 14.
- Harrow. E. W. Ruffner. 1,924,517; Aug. 29.
- Harrow and weeder, Revolving. W. Todoruk and H. Chornoby. 1,922,873; Aug. 15.
- Harrow. Inter-gearred off-set disk. J. V. Dyrr. 1,916,720-1; July 4.
- Harrow, Nonclogging. J. Prouty. 1,924,960; Aug. 29.
- Harrow, Offset. B. E. Rose. 1,895,136; Jan. 24.
- Harrow, Offset. B. E. Rose. 1,924,416; Aug. 29.
- Harrow. Offset tandem. W. D. Dewend. 1,940,207; Dec. 19.
- Harrow or cultivator, Flexible. W. Aitkenhead. 1,905,671; Apr. 25.
- Harrow, Rotary. S. S. Furrer. 1,907,946; May 9.
- Harrow tooth. J. E. Coleman. 1,897,550; Feb. 14.
- Harrow tooth. G. Kaiser. 1,893,416; Jan. 3.
- Harrow, Spring tooth for. J. S. Stewart. 1,914,731; June 20.
- Harvester. H. E. and R. J. Altgelt. 1,900,269; Mar. 7.
- Harvester. A. Apel. 1,933,535; Nov. 7.
- Harvester. A. D. Braasch. 1,925,369; Sept. 5.
- Harvester. E. F. Braasch. 1,915,401; June 27.
- Harvester. W. J. Coultas. 1,935,766; Nov. 21.
- Harvester. R. G. Fleming. 1,927,281; Sept. 19.
- Harvester. P. L. Hans. 1,910,950; May 23.
- Harvester. E. W. Johnson. 1,935,908; Nov. 21.
- Harvester. B. Morse. 1,933,922; Nov. 7.
- Harvester. L. A. Paradise and W. J. Coultas. 1,925,276; Sept. 5.
- Harvester. E. Patterson. 1,923,391; Aug. 22.
- Harvester. L. H. Thoen. 1,914,838; June 20.
- Harvester. L. H. Thoen. 1,928,236; Sept. 26.
- Harvester. L. H. Thoen. 1,932,714; Oct. 31.
- Harvester. E. E. Wickersham. 1,902,430; Mar. 21.
- Harvester. E. E. Wickersham. 1,932,717; Oct. 31.
- Harvester. E. E. Wickersham. 1,941,143; Dec. 26.
- Harvester and thresher, Combined. L. A. Paradise and E. F. Huddle. 1,910,632; May 23.
- Harvester apparatus and method, Windrow. W. M. Templeton. 1,906,498; May 2.
- Harvester, Bean. H. A. Munger. 1,938,347; Dec. 5.

- Harvester, Beet. H. M. Siemann. 1,914,621; June 20.
 Harvester, Beet. W. E. Urschel. 1,894,802; Jan. 17.
 Harvester construction. E. E. Wickersham. 1,925,356; Sept. 5.
 Harvester, Corn. H. C. Christiance. 1,911,491; May 30.
 Harvester, Corn. N. D. Colvin. 1,908,118; May 9.
 Harvester, Corn. W. J. Coultas and N. D. Colvin. 1,916,156; June 27.
 Harvester, Corn. W. J. Coultas, A. W. Swenson, and R. Lopez. 1,936,661; Nov. 28.
 Harvester, Corn. C. E. Everett and C. H. Taylor. 1,940,851; Dec. 26.
 Harvester, Corn. L. C. Forrest. 1,919,783; July 25.
 Harvester, Corn. E. E. Metcalf. 1,925,270; Sept. 5.
 Harvester, Corn. L. A. Paradise. 1,925,275; Sept. 5.
 Harvester, Corn. R. E. Perkins. 1,904,749; Apr. 18.
 Harvester, Cotton. C. Dumlér. 1,894,305; Jan. 17.
 Harvester, Cotton. F. A. Thomann. 1,933,881; Nov. 7.
 Harvester, Cow pea. J. F. Haas. 1,893,860; Jan. 10.
 Harvester for cutting and thrashing grain, Combined. C. A. Grasswick. 1,897,611; Feb. 14.
 Harvester, Grass seed. J. E. Wilson. 1,934,111; Nov. 7.
 Harvester, Potato. G. Gailus. 1,895,157; Jan. 24.
 Harvester thrasher. L. H. Thoen. 1,914,839; June 20.
 Harvester thrasher. A. C. Lindgren and C. R. Raney. 1,913,034; June 6.
 Harvester thrasher. B. L. Rogers. 1,894,123; Jan. 10.
 Harvester thrasher. A. B. Welty. 1,894,138; Jan. 10.
 Harvester thrasher. A. B. Welty. 1,941,029; Dec. 26.
 Harvester, thrasher, and separator, Combined. P. J. Hanson. 1,905,091; Apr. 25.
 Harvester-thresher. Combination. L. R. Clausen. 1,930,643; Oct. 17.
 Harvester-thresher. Combination. N. R. Krause. 1,936,630; Nov. 28.
 Harvester-thresher. Combination. W. F. MacGregor. 1,930,855; Oct. 17.
 Harvester-thresher, Combination. W. F. MacGregor and N. R. Krause. 1,919,440; July 25.
 Harvester-thresher, Combined. L. H. Thoen. 1,941,026; Dec. 26.
 Harvesters, Pickup for combine. H. Struener. 1,903,577; Apr. 11.
 Harvesting machine. S. D. Hillas and J. W. Kidd. 1,930,647; Oct. 17.
 Harvesting machine. H. D. Hume and J. E. Love. 1,926,538; Sept. 12.
 Harvesting machine. G. Innes. 1,905,410; Apr. 25.
 Harvesting machine. E. E. Metcalf. 1,911,637; May 30.
 Harvesting machine. O. Poen. 1,928,865; Oct. 3.
 Harvesting machine. W. M. Templeton. 1,938,263; Dec. 5.
 Harvesting machine. W. E. Urschel. 1,905,194; Apr. 25.
 Harvesting machine, Corn. M. K. Brown. 1,908,952; May 16.
 Hasp fastener. F. Ditchfield. 1,898,347; Feb. 21.
 Hasp fastening for suit and attaché cases and the like. C. W. Cheney. 1,920,356; Aug. 1.
 Hasp retainer. W. H. Pressentin. 1,898,391; Feb. 21.
 Hat. B. J. Drueding. 1,899,020; Feb. 28.
 Hat. S. G. Kindall. 1,909,686; May 16.
 Hat. F. Ostolaza. 1,894,213; Jan. 10.
 Hat. E. Witteff. Des. 90,965; Oct. 31.
 Hat and coat hanger. A. B. Stewart. 1,939,027; Dec. 12.
 Hat and coat rack. W. P. De Saussure, jr. 1,940,584; Dec. 19.
 Hat and hat-making art. R. K. Reynolds. 1,924,289; Aug. 29.
 Hat and parcel rack, Automatic. W. R. Rutherford. 1,908,450; May 9.
 Hat block. T. G. Duspoulos. 1,931,688; Oct. 24.
 Hat block. G. P. Panapoulos. 1,903,912; Apr. 18.
 Hat block. J. W. Purcell. 1,914,864; June 20.
 Hat blocking and rebuilding machine. W. O. Peebles. 1,918,192; July 11.
 Hat blocking machine. J. C. Hobgood. 1,932,312; Oct. 24.
 Hat box. W. T. Shrader. 1,900,420; Mar. 7.
 Hat box. M. Struble. 1,902,313; Mar. 21.
 Hat brim ironing machine. R. G. Segsneider. 1,928,676; Oct. 3.
 Hat brim trimming tool. J. Mosca. 1,901,764; Mar. 14.
 Hat cleaning machine. M. A. Weitzman. 1,903,489; Apr. 11.
 Hat, Collapsible. L. F. Buescher and R. A. Wilcox. 1,926,430; Sept. 12.
 Hat, Combination. H. F. Jordan. 1,902,080; Mar. 21.
 Hat display case. E. F. Thomas. 1,927,353; Sept. 19.
 Hat finishing machine. J. H. Johnson. 1,920,644; Aug. 1.
 Hat flanging apparatus. S. J. Miller. 1,903,872; Apr. 18.
 Hat ironing machine. W. J. Hyne. 1,929,805; Oct. 10.
 Hat ironing machine. H. J. Kaajan. 1,912,148; May 30.
 Hat, Lady's. S. Lish. Des. 90,197; June 27.
 Hat leather attaching means. R. A. Linden. 1,939,594; Dec. 12.
 Hat lubing machine. J. L. Card. 1,900,634; Mar. 7.
 Hat making machine. R. G. Muller. 1,902,516; Mar. 21.
 Hat making machinery and the like, Reversing apparatus for. J. E. Doran. 1,908,475; May 9.
 Hat making method and apparatus. G. V. MacKinnon. 1,915,063; June 20.
 Hat manufacture, Straw. E. Witteff. 1,932,005; Oct. 24.
 Hat or cap, Safety. A. A. Strauss. 1,912,551; June 6.
 Hat protector. T. E. Roderick. 1,901,987; Mar. 21.
 Hatrack, Adjustable. M. Teitelbaum. 1,902,147; Mar. 21.
 Hat retainer, Campaign. A. A. Ruben. 1,939,573; Dec. 12.
 Hat. Safety. J. C. Howard. 1,938,660; Dec. 12.
 Hat shaper. R. Raulerson. 1,899,636; Feb. 28.
 Hat storage box. E. Kranzfelder. 1,919,562; July 25.
 Hat stretching machine. G. S. Boesch. 1,921,450; Aug. 8.
 Hats from perspiration, Protecting. C. H. Merritt. 1,923,550; Aug. 22.
 Hats, Making. F. A. Lacks and E. C. Kennedy. 1,906,212; Apr. 25.
 Hats, Making. V. P. Writer. 1,924,531; Aug. 29.
 Hats, Method of and apparatus for blocking. R. G. Segsneider. 1,929,393; Oct. 3.
 Hatch cover. J. W. and W. Isherwood. 1,904,735; Apr. 18.
 Hatch cover. B. H. Yoder. 1,922,067; Aug. 15.
 Hatch, Tank gauging. J. M. McDonald. 1,929,702; Oct. 10.
 Hatchway and the like, Serving. K. O. Schuman. 1,935,130; Nov. 14.
 Hauling and lifting apparatus. S. Faure. 1,920,686; Aug. 1.
 Hauling device. G. E. Nichols. 1,922,776; Aug. 15.
 Hay loader. F. D. Jones. 1,907,071; May 2.
 Hay loader. L. H. Kaupke. 1,902,243; Mar. 21.
 Hayrake. A. E. Rutter. 1,899,361; Feb. 28.
 Hay unloading apparatus. H. C. Christiance. 1,902,761; Mar. 21.
 Head and reservoir construction, Grease gun. I. L. Eastman. 1,899,798; Feb. 28.
 Headband. Hair protecting. J. J. and D. Dorsey. 1,905,370; Apr. 25.
 Head bracket. C. C. Gill, V. L. Julian, J. W. McIlwraith, and C. F. Rutledge. 1,933,728; Nov. 7.
 Headress. K. C. Hamilton. Des. 90,846; Oct. 10.
 Head for forming rolled and extruded metal articles. T. M. Hiester. 1,922,087; Aug. 15.
 Head for puncturing closure disks. O. N. Wiswell. 1,910,511; May 23.
 Headgear. N. Villa. 1,914,544; June 20.
 Headgear, Protective. J. B. Dym. 1,935,204; Nov. 14.
 Headgear, Safety. E. W. Bullard. 1,911,348; May 30.
 Head lamp. L. I. Hewes. 1,932,547; Oct. 31.
 Head lamp. R. E. Schensted. 1,898,143; Feb. 21.
 Headlamp, Automobile. R. N. Falge and C. E. Godley. 1,929,111; Oct. 3.
 Headlamp diffuser. L. J. Rokos. 1,910,124; May 23.
 Headlamp lens. J. R. Huches. 1,899,964; Mar. 7.
 Headlight. T. H. Ambrose and E. J. Elmer. 1,923,653; Aug. 22.
 Headlight. S. R. F. Bergenson. 1,930,738; Oct. 17.
 Headlight. R. A. Donnelly. 1,935,621; Nov. 21.
 Headlight. J. A. Grant. 1,903,417; Apr. 11.
 Headlight. J. Jackson. 1,928,564; Sept. 26.
 Headlight. W. H. Kay and E. McDaniel. 1,902,860; Mar. 28.
 Headlight. J. Maly. 1,915,193; June 20.
 Headlight. C. C. Matera. 1,912,487; June 6.
 Headlight. J. Pecunas. Des. 90,593; Aug. 29.
 Headlight. A. Touchman. 1,922,787; Aug. 15.
 Headlight. W. H. Warhus, jr., and A. E. Stutzman. 1,925,423; Sept. 5.
 Headlight and attachment therefor. C. G. Aldrich. 1,911,337; May 30.
 Headlight, Antiglare. J. Lang. 1,928,357; Sept. 26.
 Headlight, Antidazzling. M. L. Labastour. 1,928,539; Sept. 26.
 Headlight attachment. E. Batrack and J. F. Fantauzzo. 1,924,101; Aug. 29.
 Headlight attachment. P. E. Bricker. 1,892,976; Jan. 3.
 Headlight attachment. W. J. Raleigh. 1,913,819; June 13.
 Headlight attachment for automobiles. W. A. Knox. 1,903,462; Apr. 11.
 Headlight, Automobile. D. R. P. Heaton. 1,927,642; Sept. 19.
 Headlight, Automobile. S. E. Somers. 1,937,724; Dec. 5.
 Headlight, Automobile. S. W. H. Turner. 1,904,574; Apr. 18.
 Headlight, Automobile. W. J. Walsh. 1,899,740; Feb. 28.
 Headlight bulb cap, Automobile. F. C. Aston. 1,898,517; Feb. 21.
 Headlight construction. D. R. Dupuis and E. W. Peterson. 1,933,896; Nov. 7.
 Headlight control. W. S. Turney. 1,913,096; June 6.
 Headlight control, Automobile. W. F. Wright. 1,930,497; Oct. 17.
 Headlight, Dash illuminating. F. Buchanan. 1,917,292; July 11.
 Headlight device. A. W. Irber. 1,928,665; Oct. 3.
 Headlight dimmer. G. J. Luebbe. 1,930,206; Oct. 10.
 Headlight, Dirigible. D. M. Ervin. 1,927,232; Sept. 19.
 Headlight, Dirigible. A. C. Kennedy. 1,927,288; Sept. 19.
 Headlight, Dirigible. J. C. Schulmayer. 1,920,527; Aug. 1.
 Headlight for automobile. L. Dobos. 1,904,896; Apr. 18.
 Headlight for motor vehicles. A. J. B. Marsat. 1,938,600; Dec. 12.
 Headlight for toy vehicles. G. P. Ericson. 1,905,931; Apr. 25.
 Headlight for toy vehicles. G. R. Ericson. 1,938,326; Dec. 5.

- Headlight for vehicles. J. Tourriol. 1,901,012; Mar. 14.
 Headlight glare. Means for and method of counteracting. A. H. Wessels. 1,929,298; Oct. 3.
 Headlight indicator. A. F. Benik. 1,911,164; May 23.
 Headlight indicator, Vehicle. C. O. Baughn. Des. 90,227; July 4.
 Headlight lens. J. C. A. Labreche. 1,893,174; Jan. 3.
 Headlight, Mechanic's electric. H. E. Loveen. 1,930,620; Oct. 17.
 Headlight mechanism, Automobile. F. Chufar and S. A. Halpny. 1,927,308; Sept. 19.
 Headlight, Movable automobile. I. H. Sargent. 1,896,018; Jan. 31.
 Headlight or searchlight. J. L. Lehman. 1,897,202; Feb. 14.
 Headlight protector, Automobile. F. D. Dowling. 1,923,970; Aug. 22.
 Headlight testing apparatus. R. Morgan and E. E. Witmer. 1,894,910-11; Jan. 17.
 Headlight testing device. H. E. Childs. 1,919,200; July 25.
 Headlight testing device. J. T. Friedli and J. D. Guiss. 1,923,304; Aug. 22.
 Headlight, Vehicle. W. Albers. 1,923,181; Aug. 22.
 Headlight, Vehicle. C. W. Dietrich. 1,924,983; Aug. 29.
 Headlight, Vehicle. J. Gran. 1,896,194; Feb. 7.
 Head movement for a device simulating a dinosaur or other animal. G. H. Messmore. 1,898,587; Feb. 21.
 Headrest. W. J. Heintz. 1,894,444; Jan. 17.
 Headrest. A. J. May. 1,940,361; Dec. 19.
 Head rest, Adjustable. C. M. Jacobsen. 1,917,817; July 11.
 Head rod clamp. E. F. Lewis. 1,940,958; Dec. 26.
 Head rod holder. W. S. Feeny. 1,921,813; Aug. 8.
 Headwear. A. L. Hendrickson. 1,915,092; June 20.
 Headwear. E. Wittcoff. 1,932,004; Oct. 24.
 Headwear, Knitted. D. Karger. 1,920,200; Aug. 1.
 Header. M. Lapham. 1,914,514; June 20.
 Header and making the same, Tubular. J. Prentice. 1,925,847; Sept. 5.
 Header, Grain. E. E. Bartlett. 1,933,407; Oct. 31.
 Header, Grain. E. E. Bartlett. 1,933,491; Oct. 31.
 Header mechanism. R. L. Wilcox. 1,894,526; Jan. 17.
 Header structure and fastening arrangement therefor. N. T. McKee. 1,921,629; Aug. 8.
 Header support. J. Mainland and S. C. Nyberg. 1,914,698; June 20.
 Header, Two-row grain. A. R. Benner. 1,925,975; Sept. 5.
 Headers for water tube boilers, Apparatus for making. M. Ulrich. 1,931,242; Oct. 17.
 Heading machine for shock cane, kafir, and the like. R. E. Sears. 1,906,774; May 2.
 Hearing-aid device. H. Lieber. 1,940,553; Dec. 19.
 Hearing, Apparatus and method for measuring the acuity of. A. Roth. 1,934,738; Nov. 14.
 Hearing device support. M. Albert. 1,910,875; May 23.
 Hearse. W. T. Jacobs. 1,922,094; Aug. 15.
 Hearse with fixed turntable, Side-loading. F. W. Harris. 1,893,739; Jan. 10.
 Hearse with swivel platform and operating mechanism, Side-loading. F. W. Harris. 1,909,674; May 16.
 Hearth tool. W. H. Stall. 1,912,316; May 30.
 Heat absorption of bright-surface material to be annealed, Increasing the rate of. O. Junker. 1,910,549; May 23.
 Heat, Apparatus for transfer of. T. M. Elfving. 1,933,897; Nov. 7.
 Heat, Arrangement for reducing the transmission of. E. Altenkirch. 1,913,468; June 13.
 Heat circulator. J. B. Horton. 1,895,075; Jan. 24.
 Heat conducting element. T. E. Murray and J. H. Lawrence. 1,929,444; Oct. 10.
 Heat consumption meter. A. L. Lange. 1,903,717; Apr. 11.
 Heat control device for ovens and the like. C. W. Robertshaw. 1,892,809; Jan. 3.
 Heat control device for stoves. J. H. Grayson. 1,926,532; Sept. 12.
 Heat control device, Thermopressure. F. Purdy. 1,913,684; June 13.
 Heat control for working end of tanks. W. T. Barker, jr. 1,913,302; June 6.
 Heat control means, Automatic. J. H. Van Alsbury. 1,937,610; Dec. 5.
 Heat control switch, Thermostatic. L. W. Hodges. 1,932,071; Oct. 24.
 Heat controlling apparatus. F. C. Chadborn. 1,941,388; Dec. 26.
 Heat controlling means for charge forming devices. H. M. Chambers. 1,918,380; July 18.
 Heat controlling mechanism. A. J. Otto. 1,939,915; Dec. 19.
 Heat convactor. R. S. Wentworth. 1,927,079; Sept. 19.
 Heat deflector. D. L. Jones. 1,934,127; Nov. 7.
 Heat determining instrument, Optical. O. Kurz. 1,937,579; Dec. 5.
 Heat distributing means. K. M. Hamilton. 1,926,233; Sept. 12.
 Heat effect in apparatus heated indirectly with steam, Regulating the. C. Rosenblad. 1,916,073; June 27.
 Heat energy, Method and apparatus for utilizing radiant. G. Egloff and L. A. Mekler. 1,904,361; Apr. 18.
 Heat energy system. J. J. Grebe. 1,912,938; June 6.
 Heat-energy transfer medium. H. H. Dow. 1,893,051; Jan. 3.
 Heat exchange apparatus. C. T. Carlan. 1,921,806; Aug. 8.
 Heat exchange apparatus. G. C. Derry. 1,894,026; Jan. 10.
 Heat exchange apparatus. E. B. Freeman. 1,895,755; Jan. 31.
 Heat exchange apparatus. E. B. Freeman. 1,899,191; Feb. 28.
 Heat exchange apparatus. H. J. Gebhardt. 1,896,774; Feb. 7.
 Heat exchange apparatus. P. T. Kratzmaier. 1,922,443; Aug. 15.
 Heat exchange apparatus. R. Mautsch. 1,915,742; June 27.
 Heat exchange apparatus. R. Mautsch. 1,920,313; Aug. 1.
 Heat exchange apparatus. R. Mautsch. 1,929,365; Oct. 3.
 Heat exchange apparatus. A. B. Modine. 1,907,433; May 9.
 Heat exchange apparatus. L. Nusbaum. 1,912,651; June 6.
 Heat exchange apparatus. E. J. Parent. 1,900,363; Mar. 7.
 Heat exchange apparatus. P. A. Scherer and G. B. Ridley. 1,928,912; Oct. 3.
 Heat exchange apparatus. A. L. Stamsvik. 1,916,395; July 4.
 Heat exchange apparatus. R. Wagner. 1,910,486; May 23.
 Heat exchange apparatus for dairy equipment. C. E. Mitchum. 1,914,700; June 20.
 Heat exchange containers and batteries thereof. J. E. Marsden. 1,920,515; Aug. 1.
 Heat exchange device. O. A. Bossart. 1,922,838; Aug. 15.
 Heat exchange device. C. E. Clark. 1,920,357; Aug. 1.
 Heat exchange device. H. V. Dalglish. 1,899,080; Feb. 28.
 Heat exchange device. J. E. Ellsworth and J. H. Ellsworth. 1,922,534; Aug. 15.
 Heat exchange device. J. Epstein. 1,922,844; Aug. 15.
 Heat exchange device. H. Feldmeier, R. J. Wightman, and R. B. Steves. 1,893,135; Jan. 3.
 Heat exchange device. G. Kränzlein and R. Samesreuther. 1,903,898; Apr. 18.
 Heat exchange device. J. F. McIntire. 1,912,460; June 6.
 Heat exchange device. A. B. Modine. 1,895,891; Jan. 31.
 Heat exchange device. O. S. Pedersen. 1,922,173; Aug. 15.
 Heat exchange device. A. L. Stamsvik. 1,918,434; July 18.
 Heat exchange device and making the same. W. H. Carrier and E. S. Lea. 1,898,713; Feb. 21.
 Heat-exchange mechanism. F. M. Reed. 1,935,281; Nov. 14.
 Heat exchange method and apparatus. D. F. Comstock. 1,892,869; Jan. 3.
 Heat exchange system. F. H. Schaub. 1,939,415; Dec. 12.
 Heat exchange system control. L. F. Whitney. 1,924,895; Aug. 29.
 Heat exchange system, Fluid. M. T. Murphy. 1,903,471; Apr. 11.
 Heat exchange unit. A. B. Modine. 1,893,650; Jan. 10.
 Heat exchange units, Method and apparatus for manufacturing. W. C. Ritter. 1,907,006; May 2.
 Heat exchanger. E. F. Annis. 1,932,950; Oct. 31.
 Heat exchanger. A. H. Baer. 1,937,802; Dec. 5.
 Heat exchanger. W. W. Barnum. 1,937,804; Dec. 5.
 Heat exchanger. J. S. Belt. 1,893,484; Jan. 10.
 Heat exchanger. S. M. Burton. 1,902,320; Mar. 21.
 Heat exchanger. C. A. Crowl. 1,904,857; Apr. 18.
 Heat exchanger. E. Daub. 1,936,293; Nov. 21.
 Heat exchanger. C. C. Hansen. 1,933,588-9; Dec. 12.
 Heat exchanger. C. W. Heimberger and J. Price. 1,908,611; May 9.
 Heat exchanger. G. T. Jacocks, S. J. Chute, and J. B. Forbes. 1,918,601; July 18.
 Heat exchanger. E. T. Linderoth and C. F. Rosenblad. 1,930,879; Oct. 17.
 Heat exchanger. J. W. McCausland. 1,920,800; Aug. 1.
 Heat exchanger. H. G. Melcher. 1,916,768; July 4.
 Heat exchanger. C. W. Metzgar. 1,904,875; Apr. 18.
 Heat exchanger. J. A. Potter. 1,907,867; May 9.
 Heat exchanger. J. Price and S. Brown. 1,897,213; Feb. 14.
 Heat exchanger. R. M. Swartz and C. S. Reed. 1,935,066; Nov. 14.
 Heat exchanger. R. N. Trane. 1,929,540; Oct. 10.
 Heat exchanger. L. P. Whitaker. 1,896,502; Feb. 7.
 Heat exchanger. L. P. Whitaker. 1,902,350; Mar. 21.
 Heat exchanger and dry cleaner, Combined. A. F. Meston. 1,912,331; June 6.
 Heat exchanger method. A. J. Berg. 1,914,477; June 20.
 Heat exchangers, Making. A. J. Berg. 1,923,639; Oct. 3.
 Heat exchangers, Making. W. A. Jones and J. Prentice. 1,908,363; May 9.
 Heat exchangers, Making. L. P. Whitaker. 1,896,501; Feb. 7.
 Heat exchangers, Making. L. P. Whitaker. 1,902,349; Mar. 21.
 Heat exchangers, Manufacturing. J. O. Olson. 1,925,967; Sept. 5.
 Heat insulating bodies, Making. E. J. Pieper, D. F. Smith, and C. C. Vogt. 1,901,984; Mar. 21.
 Heat insulating covering. J. H. Reese. 1,914,648; June 20.

- Heat insulating means for use in producing metallic castings. E. Gathmann. 1,920,854; Aug. 1.
- Heat insulating product and forming same. E. R. Powell. 1,928,264; Sept. 26.
- Heat insulating structure. J. L. Finck. 1,923,195; Aug. 22.
- Heat insulation for air spaces. E. Dyckerhoff. 1,934,174; Nov. 7.
- Heat insulation for apparatus working at very low temperatures. J. Le Rouge. 1,910,024; May 23.
- Heat insulation material. I. H. Derby. 1,923,420; Aug. 22.
- Heat insulator. J. L. Knight. 1,914,207; June 13.
- Heat insulator. G. Slayter. 1,912,017; May 30.
- Heat interchange device. J. R. Replogle. 1,937,669; Dec. 5.
- Heat interchanger and making the same. R. R. Bottoms. 1,915,352; June 27.
- Heat interchanging apparatus. W. A. Schmidt. 1,916,337; July 4.
- Heat interchanging apparatus and process. J. L. Chavanne. 1,920,122; July 25.
- Heat motor. J. S. Baker. 1,938,167; Dec. 5.
- Heat motor. L. M. Persons. 1,902,260; Mar. 21.
- Heat of finished coke, Utilization of the perceptible. J. Schaefer. 1,898,267; Feb. 21.
- Heat power apparatus for internal combustion engines, Waste. R. H. Cobb. 1,915,594; June 27.
- Heat-producing compound. L. Mann. 1,901,313; Mar. 14.
- Heat pump. C. G. Munters. 1,900,656; Mar. 7.
- Heat reclaimers. C. S. Malott, jr. 1,916,888; July 4.
- Heat reclaimers, Waste. G. T. Jacocks, S. J. Chute, and J. L. Krieg. 1,910,392; May 23.
- Heat recovery. D. K. Dean. 1,894,758; Jan. 7.
- Heat recovery system. J. S. Beekley. 1,923,656; Aug. 22.
- Heat recuperating apparatus of the Cowper type and a brick for the honeycomb structure. G. Simon. 1,895,235; Jan. 24.
- Heat regenerator. W. J. Irwin. 1,904,236; Apr. 18.
- Heat regulating device. G. D. Kingsland. 1,893,237; Jan. 3.
- Heat regulating device. L. L. Kuempel. 1,914,435; June 20.
- Heat regulator. C. D. Bolin. 1,913,972; June 13.
- Heat regulator. H. A. Mantz. 1,938,187; Dec. 5.
- Heat regulator. C. Wantz. 1,935,168; Nov. 14.
- Heat regulator, Automatic. E. I. Davis and C. E. Pearson. 1,940,119; Dec. 19.
- Heat regulator, Automatic. J. H. Grayson and F. A. Straub. 1,026,533; Sept. 12.
- Heat regulator, Continuous. C. I. Hall. 1,902,327; Mar. 21.
- Heat responsive device. A. C. Rowley. 1,900,765; Mar. 7.
- Heat retaining means for autogenous welding and method of welding. M. J. Wall. 1,902,051; Mar. 21.
- Heat saver and humidifier. H. L. Brady. 1,910,199; May 23.
- Heat superheater, Radiant. H. J. Kerr and J. E. Black. 1,923,097; Aug. 22.
- Heat superheater, Radiant. C. E. Lucke. 1,923,103; Aug. 22.
- Heat supplied to a building, Method of and apparatus for automatically controlling the. E. C. Webb. 1,929,182; Oct. 3.
- Heat transfer. F. H. Morris. 1,905,185; Apr. 25.
- Heat transfer. W. S. Patterson and F. H. Rosencranz. 1,941,365; Dec. 26.
- Heat transfer apparatus. W. E. Onkey. 1,937,713; Dec. 5.
- Heat transfer at high temperature. C. Field. Re18,993; Nov. 14.
- Heat transfer device. J. E. Black. 1,892,778; Jan. 3.
- Heat transfer device. B. L. Quarnstrom. 1,935,332; Nov. 14.
- Heat transfer medium. H. W. Daudt and J. E. Cole. 1,933,166; Oct. 31.
- Heat transfer unit. W. R. Clarke. 1,916,656; July 4.
- Heat transfer unit. C. W. Wiegand. 1,910,453; May 23.
- Heat transferer for controlling solid CO₂ for refrigeration purposes. W. B. Robe. 1,901,000; Mar. 14.
- Heat transferring unit. F. M. Young. 1,916,549; July 4.
- Heat transmission and distribution. O. D. Lucas. 1,941,014; Dec. 26.
- Heat treating apparatus. F. Brieger. 1,925,028; Aug. 29.
- Heat treating apparatus. J. W. Harsch. 1,926,234; Sept. 12.
- Heat treating apparatus. R. W. Hyde. 1,896,625; Feb. 7.
- Heat-treating apparatus for metal work. H. Rosenberg. 1,904,838; Apr. 18.
- Heat treating apparatus for metal work. H. Rosenberg. 1,913,090-2; June 6.
- Heat-treating articles, Apparatus for. H. Blount and H. Sheel. 1,919,821; July 25.
- Heat treating ceramic materials, Apparatus for and method of. J. Harrington. 1,906,465; May 2.
- Heat treating container. F. T. Cope. 1,914,403; June 20.
- Heat treating furnace. H. A. Drefflein. 1,938,814; Dec. 12.
- Heat treating furnace. H. P. McCann and H. E. Baker. 1,897,911; Feb. 14.
- Heat treating furnace, Continuous. A. L. Stevens. 1,924,218; Aug. 29.
- Heat treating furnace, Rotary. E. T. Cope, A. H. Vaughan, and W. S. Bowling. 1,903,909; Apr. 18.
- Heat treating hydrocarbons at an elevated temperature. A. Mittasch, R. Wietzel, and C. Pfaunder. 1,893,804; Jan. 10.
- Heat-treating magnetic materials, Method of and apparatus for. H. C. Knerr. 1,895,998; Jan. 31.
- Heat treating malleable cast iron. C. F. Lauenstein. 1,934,313; Nov. 7.
- Heat treating, Method and apparatus for. J. W. Harsch. 1,923,145; Aug. 22.
- Heat treating of comminuted materials, Device for the. F. E. Hobson. 1,924,788; Aug. 29.
- Heat treating packaged goods, Apparatus for. A. R. Thompson. 1,939,372; Dec. 12.
- Heat treating process. H. A. Drefflein. 1,905,272; Apr. 25.
- Heat treating substances. F. D. Chapman. 1,923,421; Aug. 22.
- Heat treating system. J. W. Harsch. 1,940,948; Dec. 26.
- Heat treating white iron castings. A. Hayes and H. O. Breaker. 1,915,091; June 20.
- Heat treating white iron castings. A. Hayes, E. E. Walker, and J. J. White. 1,932,664; Oct. 31.
- Heat treatment, Automatically timed apparatus for. G. Browning. 1,903,089; Mar. 28.
- Heat treatment for aluminum base alloys. A. J. Lyon and S. Daniels. 1,920,090; July 25.
- Heat treatment of crank-shafts. O. Stoffel, C. Roesch, and C. Sudhaus. 1,924,296; Aug. 29.
- Heat treatment of garnet abrasive. E. W. Colt. Re18,730; Feb. 7.
- Heat treatment of materials in rotary furnaces, Method and apparatus for. B. M. S. Kalling and C. V. Delwig. 1,917,942; July 11.
- Heat-treatment of metals. S. Matsunawa, F. Nozawa, and M. Suzuki. 1,916,931; July 4.
- Heat treatment of noncementable metals. W. Beck. 1,914,843; June 20.
- Heat treatment of rails. J. Brunner. 1,896,572; Feb. 7.
- Heat treatment of steel rails. J. Brunner. 1,894,551; Jan. 17.
- Heat treatment of steel rails. J. Brunner. 1,925,029; Aug. 29.
- Heat treatment of steel rails. J. Brunner. 1,929,346; Oct. 3.
- Heat treatment, System of. J. W. Harsch and W. R. Schofield, jr. 1,911,191; May 30.
- Heated table. F. Stolzenburg and H. F. King. 1,893,454; Jan. 3.
- Heater: See—
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| Air heater. | Liquid conductor heater. |
| Automobile heater. | Liquid heater. |
| Beverage water heater. | Motor heater. |
| Boiler feedwater heater. | Natural gas well heater. |
| Car heater. | Oil burning heater. |
| Charcoal heater. | Oil well heater. |
| Chimney heater. | Orchard heater. |
| Console heater. | Permanent wave heater. |
| Crank case heater. | Pipe and fin heater. |
| Dental water heater. | Portable heater. |
| Domestic heater. | Radiant gas heater. |
| Electric car heater. | Regenerative heater. |
| Electric conversion heater. | Revolving heater. |
| Electric fluid heater. | Room heater. |
| Electric heater. | Shoe heater. |
| Electric house heater. | Spindle and croquinole hair waving heater. |
| Electric radiant heater. | Switch heater. |
| Electric water heater. | Tank heater. |
| Electrical heater. | Tank water heater. |
| Exhaust-operated heater. | Thermostatic heater. |
| Feed water heater. | Thermostatically controlled heater. |
| Fireplace heater. | Unit heater. |
| Fluid heater. | Vegetable and orchard heater. |
| Foot rail car heater. | Vehicle heater. |
| Fuel heater. | Water heater. |
| Fuel oil heater. | Water storage heater. |
| Gas heater. | Windshield heater. |
| Hair waving heater. | |
| Hot water heater. | |
| Indirect water heater. | |
- Heater. A. H. Bates. 1,909,144; May 16.
- Heater. A. H. Bates. 1,936,615; Nov. 28.
- Heater. A. H. Bell. 1,928,164; Sept. 26.
- Heater. J. L. Bright. 1,916,297; July 4.
- Heater. M. P. Brown. 1,895,372; Jan. 24.
- Heater. H. C. Caldwell. 1,921,152; Aug. 8.
- Heater. L. W. Child. 1,937,811; Dec. 5.
- Heater. W. L. Decker. 1,919,204; July 25.
- Heater. H. H. Diggins. 1,907,049; May 2.
- Heater. P. H. Hamilton. 1,933,056; Oct. 31.
- Heater. J. H. Long. 1,921,532; Aug. 8.
- Heater. J. H. Long. 1,935,852; Nov. 21.
- Heater. L. J. Maringer. 1,899,581; Feb. 28.
- Heater. J. R. McDermet. 1,917,595; July 11.
- Heater. Q. G. Noblitt and E. C. Booth. 1,898,462; Feb. 21.
- Heater. F. T. Powers. 1,903,878; Apr. 18.
- Heater. W. E. Reno. 1,902,099; Mar. 21.
- Heater. W. E. Sanders. 1,927,299; Sept. 19.
- Heater. O. C. Schroeder and S. Perry. 1,915,903; June 27.
- Heater. J. F. Sloan. 1,916,237; July 4.
- Heater and circulator, Air. E. S. Johnson. 1,914,724; June 20.
- Heater and circulator for hair drying systems, Air. E. J. C. Perkins. 1,921,940; Aug. 8.

- Heater and cooler, Liquid. F. G. Cornell, jr. 1,897,607; Feb. 14.
- Heater and firebox therefor. H. C. Maul. 1,907,077; May 2.
- Heater and muffler, Automobile. A. C. Refsgaard. 1,910,565; May 23.
- Heater and operating the same, Fluid. C. E. Lucke. 1,911,375; May 30.
- Heater and stove, Electric. N. V. Di Lorenzo. 1,912,568; June 6.
- Heater and wiper device, Oscillatory combined windshield. E. E. Saucier. 1,894,200; Jan. 10.
- Heater attachment, Hot water. W. E. McCorquodale. 1,901,761; Mar. 14.
- Heater, Console. El R. L. Payne. 1,931,903; Oct. 24.
- Heater construction. W. M. Cross. 1,935,617; Nov. 21.
- Heater construction. H. J. Walker. 1,899,541; Feb. 28.
- Heater control. J. M. Barrett. 1,894,437; Jan. 17.
- Heater control. W. Noble. 1,928,907; Oct. 3.
- Heater control, Gas water. F. C. Lorenz. 1,903,788; Apr. 18.
- Heater control, Milk. R. C. Kinsman. 1,905,722; Apr. 25.
- Heater control system. G. E. Hulse. 1,897,980; Feb. 14.
- Heater control system. F. M. Poole. 1,893,635; Jan. 10.
- Heater for circulating water, Electrical. C. Canté. 1,908,114; May 9.
- Heater for coffee making, Water. L. B. Green. 1,901,028; Mar. 14.
- Heater for internal combustion engines, Oil and water. J. J. Beresh. 1,922,150; Aug. 15.
- Heater for locomotives, Feed water. M. W. Dole and M. Silverman. 1,900,697; Mar. 7.
- Heater for locomotives, Feed water. W. Parks. 1,902,969; Mar. 28.
- Heater for motor vehicles, Windshield. H. S. Houghum. 1,922,133; Aug. 15.
- Heater for refrigerator cars and other structures. E. A. Sweeley. 1,905,954; Apr. 25.
- Heater for rods and tubes. E. F. Northrup. 1,900,842; Mar. 7.
- Heater for rods and tubes. E. F. Northrup. 1,900,843; Mar. 7.
- Heater for shoe fillers. M. O. Jennings. 1,928,290; Sept. 26.
- Heater for steam boilers, Auxiliary. G. M. Concklin. 1,935,142; Nov. 14.
- Heater for steering wheels. C. A. May. 1,934,988; Nov. 14.
- Heater for stock, Water. E. A. Drew. 1,895,028; Jan. 24.
- Heater for washing machines. E. W. Ballentine. 1,913,099; June 6.
- Heater lighter. F. A. Gauger and R. W. Johnson. 1,918,805; July 18.
- Heater, Manufacturing an electric water. L. W. Hodges. 1,903,045; Mar. 28.
- Heater of the tank type, Locomotive feed water. T. C. McBride. 1,916,736; July 4.
- Heater or boiler, Water. H. J. Fountain. 1,937,059; Nov. 28.
- Heater or the like, Electric water. I. Florman. Des. 90,438; Aug. 8.
- Heater, recess type, Electric. J. A. Bried. 1,928,642; Oct. 3.
- Heater temperature control, Electric fluid. G. E. White. 1,934,958; Nov. 14.
- Heater with automatic switch, Instantaneous electric water. L. Ludwig. 1,935,247; Nov. 14.
- Heating. A. E. Paige. 1,930,842; Oct. 17.
- Heating and cooling device for automobiles, Combination. L. F. Wetherall. 1,922,788; Aug. 15.
- Heating and cooling system. I. T. Bennett and F. C. Reynolds. 1,895,876; Jan. 31.
- Heating and cooling system, Combined. F. A. Hellmann. 1,932,586; Oct. 31.
- Heating and domestic heating systems, Combined house. E. R. Snively. 1,921,708; Aug. 8.
- Heating and drying apparatus. W. E. Weston. 1,902,927; Mar. 28.
- Heating and refrigeration apparatus. M. McGraw. 1,937,288; Nov. 28.
- Heating and ventilating. G. E. Otis. 1,913,681; June 13.
- Heating and ventilating. W. Shurtleff. 1,925,822; Sept. 5.
- Heating and ventilating apparatus. W. Ewald. 1,904,918; Apr. 18.
- Heating and ventilating apparatus. W. Ewald. 1,914,712; June 20.
- Heating and ventilating apparatus. M. Payne. 1,903,939; Apr. 18.
- Heating and ventilating apparatus. D. Sprague. 1,922,220; Aug. 15.
- Heating and ventilating apparatus, Automobile. A. B. Modine. 1,913,339; June 6.
- Heating and ventilating apparatus, Combined. L. F. Schlenker and M. Wuerthner. 1,900,770; Mar. 7.
- Heating and ventilating device. A. B. Modine. 1,906,994; May 2.
- Heating and ventilating device. E. L. Weber. 1,894,229; Jan. 10.
- Heating and ventilating system. W. Shurtleff. 1,936,544; Nov. 21.
- Heating and ventilating system, Motor-car. L. P. Hynes. 1,893,329; Jan. 3.
- Heating and ventilating unit. M. O. Snediker. Re18,875; June 20.
- Heating and ventilating units, Fire protection mechanism for. W. Ewald. 1,898,821; Feb. 21.
- Heating apparatus. C. P. Bettenga. 1,940,239; Dec. 19.
- Heating apparatus. A. A. Boese and W. A. Starck. 1,931,843; Oct. 24.
- Heating apparatus. W. A. Bollinger. 1,905,550; Apr. 25.
- Heating apparatus. G. L. Cluchey. 1,914,077; June 13.
- Heating apparatus. E. F. Fisher. 1,913,980; June 13.
- Heating apparatus. E. F. Fisher. 1,923,083; Aug. 22.
- Heating apparatus. G. A. Guenther. 1,940,587; Dec. 19.
- Heating apparatus. E. C. Kline. 1,908,025; May 9.
- Heating apparatus. C. Langberg and C. Wathme. 1,906,632; May 2.
- Heating apparatus. C. P. Randolph. 1,934,446; Nov. 7.
- Heating apparatus. M. M. Suppes. 1,916,644; July 4.
- Heating apparatus. M. M. Suppes. 1,939,602; Dec. 12.
- Heating apparatus and controlling temperatures therein. W. G. Leamon. 1,933,020; Oct. 31.
- Heating apparatus, Electric fluid. R. A. Carleton. 1,905,439; Apr. 25.
- Heating, Apparatus for. H. C. Frentzel, jr. 1,936,623; Nov. 28.
- Heating, Apparatus for. W. N. McCutcheon and A. V. Ritts. 1,913,170; June 6.
- Heating, Apparatus for. J. A. Roulton. 1,906,422; May 2.
- Heating apparatus for automotive vehicles. V. J. Butterfield. 1,901,082; Mar. 14.
- Heating apparatus for automotive vehicles. C. H. Will. 1,895,503; Jan. 31.
- Heating apparatus for glass furnaces. P. Q. Williams. 1,894,249; Jan. 10.
- Heating apparatus for house heating systems, Water. J. Vanorio. 1,925,780; Sept. 5.
- Heating apparatus for warming buildings. E. Herring. 1,910,105; May 23.
- Heating apparatus, Stove or air. J. R. Farbridge. 1,914,415; June 20.
- Heating appliance for printing presses. H. A. Brandtjen. 1,894,018; Jan. 10.
- Heating boiler. E. A. Hooper. 1,930,851; Oct. 17.
- Heating boiler. E. A. Hooper. 1,937,117; Nov. 28.
- Heating by circulating heat-transferring liquids. R. Thurm. 1,922,509; Aug. 15.
- Heating by subatmospheric steam, Apparatus for. C. A. Dunham. 1,928,220; Sept. 26.
- Heating control system, Electric. J. E. Gannon. 1,933,901; Nov. 7.
- Heating convactor. R. S. Wentworth. 1,912,556; June 6.
- Heating, cooling, and ventilating means, Convertible. J. H. Irons, sr. 1,938,833; Dec. 12.
- Heating device. L. S. Brown. 1,931,247; Oct. 17.
- Heating device. A. A. Epstein. 1,894,348; Jan. 17.
- Heating device. L. Hawkins. 1,904,786; Apr. 18.
- Heating device. L. V. Lucia. 1,920,871; Aug. 1.
- Heating device. D. T. McKinnon. 1,910,705; May 23.
- Heating device. A. B. Modine. 1,896,413; Feb. 7.
- Heating device. A. B. Modine. 1,910,175; May 23.
- Heating device. K. K. Morterud. 1,926,494; Sept. 12.
- Heating device, Electric. J. Colosimo. 1,939,252; Dec. 12.
- Heating device for curling irons. F. Boudou. Des. 89,844; May 9.
- Heating, Device for high frequency induction. J. M. Fagan. 1,904,214; Apr. 18.
- Heating device for shoe sticking presses. O. Michalk. 1,910,474; May 23.
- Heating device, Gas or oil. T. K. Smith. 1,921,104; Aug. 8.
- Heating device on coffee machines and similar boilers. E. Heinz. 1,911,504; May 30.
- Heating device, Tank. A. E. Smith and G. W. Bill. 1,914,585; June 20.
- Heating device, Time-controlled. E. J. Wells. 1,930,703; Oct. 17.
- Heating element. F. X. Govers. 1,921,988; Aug. 8.
- Heating element. W. Noble. 1,911,383; May 30.
- Heating element, Electrical. A. J. Kercher and W. W. Hicks. 1,898,632; Feb. 21.
- Heating element for steam cookers, Electric. C. L. Goughnour. 1,931,190; Oct. 17.
- Heating elements, Forming electric resistance. E. L. Wiegand. 1,919,816; July 25.
- Heating elements, Making. E. L. Wiegand. 1,913,355; June 6.
- Heating elements of water heaters, Reduction or the elimination of the deposit of scale on the. A. Wright and H. J. Osborn. 1,926,252; Sept. 12.
- Heating elements, Producing sheathless electrical. E. L. Wiegand. 1,933,128; Oct. 31.
- Heating furnace. A. L. Culbertson. 1,912,933; June 6.
- Heating furnace. A. L. Culbertson. 1,921,507; Aug. 8.
- Heating furnace. A. L. Culbertson. 1,926,714; Sept. 12.
- Heating furnace. A. L. Culbertson. 1,937,812; Dec. 5.
- Heating furnace. S. M. Jenks and H. H. Sutherland. 1,895,716; Jan. 31.
- Heating furnace. G. W. Langford and A. C. Barrows. 1,915,132; June 20.
- Heating furnace. J. W. Offutt. 1,895,726; Jan. 31.
- Heating furnace, Regenerative. G. H. Isley. 1,897,008; Feb. 7.
- Heating installation. R. B. Poindexter. 1,941,020; Dec. 26.
- Heating means. E. V. Ludwig. 1,923,940; Aug. 22.

- Heating means for lubricant dispensers. C. G. Wilson. 1,933,403; Oct. 31.
- Heating means for refrigerating bodies. A. F. Masury. 1,936,062; Nov. 21.
- Heating substances such as gypsum in air currents. A. P. E. Bourdet. 1,924,905; Aug. 29.
- Heating system. R. E. Carnes. 1,893,643; Jan. 10.
- Heating system. H. F. Carter. 1,920,186; Aug. 1.
- Heating system. A. S. Comstock. 1,931,719; Oct. 24.
- Heating system. C. I. Hall. 1,931,145; Oct. 17.
- Heating system. R. W. Harmon. 1,924,928; Aug. 29.
- Heating system. D. H. Keck. 1,920,567; Aug. 1.
- Heating system. C. L. Kerr. 1,914,133; June 13.
- Heating system. D. D. Kimball and V. J. Cucchi. 1,897,759; Feb. 14.
- Heating system. H. Laub. 1,918,209; July 11.
- Heating system. T. E. Murray, Jr., and G. H. Phelps. 1,899,977; Mar. 7.
- Heating system. A. E. Paige. 1,937,909; Dec. 5.
- Heating system. E. J. Schroeder. 1,919,576; July 25.
- Heating system and apparatus, Electrical. A. J. Kercher. 1,937,402; Nov. 28.
- Heating system and regulating apparatus therefor. W. Tallmadge. 1,935,166; Nov. 14.
- Heating system, Automobile. A. Ream. 1,903,134; Mar. 28.
- Heating system, Circulating humidifying. F. E. Grunwaldt. 1,908,417; May 9.
- Heating system, Electrically controlled. J. C. Bogle. 1,908,493; May 9.
- Heating system for automobiles. J. Fritz. 1,928,127; Sept. 26.
- Heating system for automotive vehicles. V. J. Butterfield. 1,896,068; Feb. 7.
- Heating system for incubators. G. T. Markey. 1,939,908; Dec. 19.
- Heating system for internal combustion engines. C. P. Randolph. 1,920,805; Aug. 1.
- Heating system for liquid circulating cooling systems. O. A. Ross. 1,933,761; Nov. 7.
- Heating system for motor operated cars. J. Van Vulpen. 1,939,376; Dec. 12.
- Heating system for motor vehicles. J. H. Gould. 1,903,349; Apr. 4.
- Heating system, Hot air. C. S. Stout. 1,904,962; Apr. 18.
- Heating system, Steam. L. Neményi. 1,924,370; Aug. 29.
- Heating system, Vapor car. E. A. Russell and J. Van Vulpen. 1,913,002; June 6.
- Heating system with plural riser control, Hot water. J. E. Ercanbrack and F. A. Johnson. 1,932,069; Oct. 24.
- Heating tubes over shafts. H. G. Barrett. 1,918,171; July 11.
- Heating unit. E. W. Ballentine. 1,906,897; May 2.
- Heating unit, Electric. H. B. Eastwood. 1,937,319; Nov. 28.
- Heating unit, Electric. L. V. Lucia. 1,922,546; Aug. 15.
- Heating unit for hydrogenous and carbonaceous values recovery. R. Carter. 1,915,567; June 27.
- Heating unit for radiators. A. C. Freeman. 1,913,923; June 13.
- Heating unit, Supplementary. H. V. Lough. 1,932,793; Oct. 31.
- Heating unit, Symmetrical. W. H. Armacost. 1,924,900; Aug. 29.
- Heating, ventilating, and air conditioning. W. L. Cassell. 1,895,444; Jan. 31.
- Heating with steam. B. F. Randel. 1,908,552; May 9.
- Heddle. John J. Kaufmann. 1,893,288; Jan. 3.
- Heddle. R. Marx. 1,932,350; Oct. 24.
- Heddle bars, Attachment for. I. Andrews. 1,898,928; Feb. 21.
- Heddle frame construction. I. Andrews. 1,922,922; Aug. 15.
- Heddle or drop-wire. E. C. Smith. 1,930,151-2; Oct. 10.
- Hedge, Christmas garden. A. B. Scheibner. 1,922,398; Aug. 15.
- Hedge cutter. C. A. Albrecht. 1,897,543; Feb. 14.
- Hedge trimmer. A. R. Paulin. 1,901,327; Mar. 14.
- Hedge trimmer, Antifriction. W. R. Green. 1,909,858; May 16.
- Hedge trimming device. S. G. Coleman and F. B. Hicks. 1,897,924; Feb. 14.
- Hedges, Shaping. R. Fisher. 1,895,282; Jan. 24.
- Heel. J. Cavanagh. 1,901,144; Mar. 14.
- Heel. L. Mantra. 1,936,637; Nov. 28.
- Heel. H. R. Webster. 1,925,218; Sept. 5.
- Heel, Air cushioned. C. Stevenson. 1,932,293; Oct. 24.
- Heel, Arch supporting. C. Carpentieri. 1,911,675; May 30.
- Heel-attaching machine. J. Gouldbourn and H. E. Elliott. 1,26,147; Sept. 12.
- Heel attachment device for shoes. O. Brockman. 1,920,170; Aug. 1.
- Heel attachment, Shoe. J. J. Veiling and E. Heronymus. 1,931,044; Oct. 17.
- Heel breasting machine. F. Ashworth. 1,904,346; Apr. 18.
- Heel building machine. D. Parks. 1,898,889; Feb. 21.
- Heel-building plate. J. F. Donahue and J. A. McMahon. 1,898,942; Feb. 21.
- Heel-channeling machine. N. H. Knowlton. 1,926,153; Sept. 12.
- Heel clamp, Safety shoe. A. W. Bellavance and H. Levy. 1,897,569; Feb. 14.
- Heel clamping device. M. A. Shaffner. 1,938,196; Dec. 5.
- Heel, Composite shoe. B. Gilowitz. 1,931,957; Oct. 24.
- Heel concaving machine. M. W. Howard. 1,902,855; Mar. 28.
- Heel concaving machine. M. W. Howard. 1,914,568; June 20.
- Heel-concaving machine. J. W. Staples and W. C. Brooks. 1,921,641; Aug. 8.
- Heel construction. J. F. Gilkerson. 1,913,025; June 6.
- Heel cover trimming and tucking tool. W. H. Nutt. 1,912,652; June 6.
- Heel cover tucking machine. N. H. Knowlton. 1,937,824; Dec. 5.
- Heel-covering apparatus. L. J. Bazzoni. 1,903,278; Apr. 4.
- Heel for boots or shoes. M. J. Jørgensen. 1,918,959; Sept. 26.
- Heel for ladies' shoes. G. A. Taylor. 1,901,340; Mar. 14.
- Heel for women's footwear. G. H. Pulsifer. 1,899,916-18; May 16.
- Heel gripper plate for shoes. F. D. Reynolds. 1,930,564; Oct. 17.
- Heel holder. W. Ornsteen. 1,913,611; June 13.
- Heel lift, Detachable. J. F. Waidelelch. 1,924,141; Aug. 29.
- Heel-lifts and rands, Apparatus for assembling. J. B. Hadaway. 1,920,256; Aug. 1.
- Heel machine. F. Ashworth. 1,923,068; Aug. 22.
- Heel, Ornamental. C. and M. Miller. 1,922,058; Aug. 15.
- Heel plate. W. Doering. 1,909,976; Nov. 7.
- Heel portions of shoes, Forming the. M. L. Dodge. 1,911,816; May 30.
- Heel protecting cap. M. Theusner. 1,895,389; Jan. 24.
- Heel protector. C. J. Fricker. 1,895,598; Jan. 31.
- Heel, Resilient. B. Kind. 1,899,093; Feb. 28.
- Heel, Rubber. A. A. Esterson. 1,903,135; June 13.
- Heel seams for footwear, Apparatus for forming back. B. H. Herberster. 1,910,694; May 23.
- Heel-seat fitting machine. E. A. Bessom. 1,902,824; Mar. 28.
- Heel shaping machine. J. Guida. 1,932,818; Oct. 31.
- Heel, Shoe. F. Berenstein. 1,903,189; June 27.
- Heel, Shoe. H. Crossman, A. Greenbaum, and M. J. Bernstein. 1,898,876; May 16.
- Heel, Shoe. M. S. Klein. 1,903,987; Nov. 7.
- Heel, Shoe. L. M. Oakley. 1,903,079; Nov. 21.
- Heel, Shoe. G. Rigante. 1,934,092; Nov. 7.
- Heel trimming machine. M. S. Cate. 1,899,747; Feb. 28.
- Heel, Wear resisting cushion. M. H. Grant. 1,916,264; July 4.
- Heels, Apparatus for treating. L. J. Bazzoni. 1,930,579; Oct. 17.
- Heels, Covering breasts of. J. Gouldbourn and G. Hazleton. 1,902,848; Mar. 28.
- Heels, Device for attaching wooden. A. J. Brauer and F. P. Wagner. 1,898,288; Feb. 21.
- Heels, Making decoratively covered. G. M. Smith. 1,913,569; June 13.
- Height indicator. R. A. Fessenden. 1,924,032; Aug. 22.
- Height measuring attachment. E. E. Burrows. 1,892,720; Jan. 3.
- Helical bodies, Shaping. J. R. Warren. 1,928,159; Sept. 26.
- Helical connector. W. A. Holt. 1,901,747; Mar. 14.
- Helical cross tie. H. Leal. 1,933,914; Nov. 7.
- Helical member and forming same. T. B. Bash. 1,934,905; Nov. 14.
- Helicoplane and airplane. J. L. Leray. 1,922,167; Aug. 15.
- Helicopter. M. B. Blecker. 1,909,450; May 16.
- Helicopter. F. Bordonio. 1,921,805; Aug. 8.
- Helicopter. M. W. Evans. 1,906,143; Apr. 25.
- Helicopter. A. M. Young. 1,915,209; June 20.
- Helicopter and aeroplane, Combined. A. V. Santarsiero. 1,925,609; Sept. 5.
- Helicopter and engine, Combined. J. D. Langdon. 1,932,702; Oct. 31.
- Helicopter device. W. R. Cambridge. 1,903,440; Apr. 11.
- Helicopter, New. A. Wick. 1,938,091; Dec. 5.
- Helmet. F. Willson and H. F. Shindel. 1,928,238; Sept. 26.
- Helmet for divers, miners, firemen, and the like. H. Stelzner. 1,930,399; Oct. 10.
- Helmet, Gas. F. Schleich. 1,939,188; Dec. 12.
- Helve hammer. E. F. Meyerling. 1,927,097; Sept. 19.
- Hemstitch and embroidery seam. A. H. De Voe. 1,920,784; Aug. 1.
- Hemstitching machines. Foot and cutting attachment. E. Prazak. 1,920,105; July 25.
- Hemstitching machines, Thread-removing mechanism for. V. J. Sigoda. 1,922,334; Aug. 15.
- Herbicide and dusting method, Pulverulent. R. N. Chipman. 1,914,969; June 20.
- Heterocyclic bases of the aminoimidazole series and preparing them. G. Kränzlein and P. Ochwat. 1,912,849; June 6.
- Heterodyne oscillator. E. G. Ports. 1,895,103; Jan. 24.
- Heterodyne receiver, Uni-control. A. B. Moulton. 1,907,555; May 9.
- Heterodyne system. R. Villem and R. Aubert. 1,907,624; May 9.
- Hexamethylene tetramine from methane, Preparing. P. Nashan. 1,930,210; Oct. 10.
- Hide and leather dressing machine. D. Mercier. 1,901,317; Mar. 14.

- Hide separator and making same. R. M. Allard. 1,940,480; Dec. 19.
- Hides and skins. Detecting metallic objects in. A. P. Giuliano. 1,904,826; Apr. 18.
- Hides, Apparatus for drying and cleaning. P. Hertzsch. 1,918,909; July 18.
- Hides, Drying and cleaning. P. Hertzsch. 1,911,896; May 30.
- Hides, skins, and leather. Machine for operating upon. H. A. Ballard. 1,920,341; Aug. 1.
- Hides, Treatment of tanned or nontanned animal. G. Baile and P. Heimke. 1,927,910; Sept. 26.
- High current filter. E. G. Gage. 1,930,165; Oct. 10.
- High frequency condenser. W. M. Bailey. 1,899,176; Feb. 28.
- High frequency measuring apparatus. J. D. Wallace. 1,900,082; Mar. 7.
- High-frequency-resistance element. C. B. H. Feldman. 1,935,318; Nov. 14.
- High pressure boiler. C. E. Lucke. 1,914,140; June 13.
- High pressure boiler. W. R. Wood. 1,920,776; Aug. 1.
- High pressure. Method and apparatus for generating and using. J. W. Martin, Jr. 1,920,094; July 25.
- High pressure pump, Eccentric driven. W. E. Goldsborough. 1,921,816; Aug. 8.
- High speed tape recorder. L. H. Webb. 1,923,403; Aug. 22.
- High speed twisting machine. C. R. Brownell. 1,925,172; Sept. 5.
- High tension generator. J. Kopelcivitsch. 1,931,961; Oct. 24.
- High tension installation. A. O. Austin. 1,893,318; Jan. 3.
- High tension line switch. A. J. Pahl. 1,898,387; Feb. 21.
- High tension switch. G. L. Carlisle. 1,922,276; Aug. 15.
- High tension switch. K. Felten. 1,931,862; Oct. 24.
- High-tension switch. C. G. Koppitz. 1,935,597; Nov. 14.
- High-voltage direct-current converting system. E. Kern. 1,927,406; Sept. 19.
- Highway crossing signal. L. L. Howard. 1,932,017; Oct. 24.
- Highway guard. L. H. Miller. 1,921,129; Aug. 8.
- Highway safety wall, Automobile. M. L. Sory. 1,927,189; Sept. 19.
- Highway sign. W. A. Schutt. 1,902,189; Mar. 21.
- Hinge: See—
- Adjustable hinge. Locker hinge.
- Antirattling hinge. Lubricated hinge.
- Catch hinge. Safety hinge.
- Cigar box hinge. Spectacle frame hinge.
- Concealed hinge. Spring hinge.
- Covered joint hinge. Trunk type hinge.
- Door hinge. Vehicle door hinge.
- Fiber bearing butt hinge. Window hinge.
- Friction hinge.
- Hinge. G. W. Aldeen. 1,901,072; Mar. 14.
- Hinge. J. M. Arnold. 1,898,161; Feb. 21.
- Hinge. J. T. Atwood. 1,918,513; July 18.
- Hinge. R. E. Bartimore. 1,935,107; Nov. 14.
- Hinge. M. F. Davoran. 1,934,635; Nov. 7.
- Hinge. R. Donadeu. 1,904,207; Apr. 18.
- Hinge. B. J. Dowd. 1,901,289; Mar. 14.
- Hinge. E. Flagg. 1,907,403; May 2.
- Hinge. H. M. Gastrom. 1,926,091; Sept. 12.
- Hinge. G. G. Glenn. 1,923,721; Aug. 23.
- Hinge. W. P. Godfrey. 1,910,102; May 23.
- Hinge. H. B. Haskins and J. W. Lakin. 1,920,466; Aug. 1.
- Hinge. C. G. Johnson. 1,936,237; Nov. 21.
- Hinge. A. E. Jones and H. H. Lewis. 1,920,509; Aug. 1.
- Hinge. W. J. Kassick. 1,918,040; July 11.
- Hinge. H. G. Kellogg. 1,895,572; Jan. 31.
- Hinge. P. W. Kerr and A. E. Jones. 1,911,121; May 23.
- Hinge. F. A. Kuntz. 1,895,466; Jan. 31.
- Hinge. N. P. Larsen. 1,923,787; Aug. 22.
- Hinge. C. F. Lutz. 1,932,552; Oct. 31.
- Hinge. E. Meininghaus. 1,903,059; Mar. 28.
- Hinge. L. Newman. 1,893,592; Jan. 10.
- Hinge. E. W. North. 1,917,521; July 11.
- Hinge. G. E. Roedding. 1,913,456; June 13.
- Hinge. H. L. Spaunburg. 1,939,728; Dec. 19.
- Hinge. R. A. Stabler. 1,893,252; Jan. 3.
- Hinge. O. C. White. 1,922,753; Aug. 15.
- Hinge connection for molded products. C. H. Whitlock. 1,936,465; Nov. 21.
- Hinge connection for water closet seats and covers. H. C. Leslie. 1,911,519; May 30.
- Hinge construction. H. E. Ahrens. 1,903,251; Mar. 28.
- Hinge construction. C. Geske. 1,895,658; Jan. 31.
- Hinge construction. A. T. Potter. 1,921,261; Aug. 8.
- Hinge construction. A. T. Potter. 1,940,322; Dec. 19.
- Hinge construction. J. Wiedemann. 1,920,044; July 25.
- Hinge construction for range doors. Concealed. R. D. Wells. 1,931,910; Oct. 24.
- Hinge device. M. Turnquist. 1,898,511; Feb. 21.
- Hinge for automobile seats. P. V. Korth. 1,921,622; Aug. 8.
- Hinge for doors. T. O. Schrader. 1,928,394; Sept. 26.
- Hinge for mounting desk top lids. R. K. Merrill. 1,906,396; May 2.
- Hinge for table extension leaves. J. H. Demint. 1,906,552; May 2.
- Hinge having friction bearings. G. H. Hamilton. 1,905,853; Apr. 25.
- Hinged container. C. S. Andrews. 1,895,778; Jan. 31.
- Hinged container. F. A. Whittaker. 1,923,560; Aug. 22.
- Hinges, Making. J. Soss. 1,906,648; May 2.
- Hinges packing unit. J. R. Mahan. 1,914,343; June 13.
- Hinging means for outdoor switches. W. A. Heinrich. 1,918,542; July 18.
- Hip pad. D. C. O'Shea. 1,915,754; June 27.
- Hitch. J. E. Hoffman. 1,918,391; July 18.
- Hitch. A. E. Sylvester. 1,896,427; Feb. 7.
- Hitch, Adjustable offset. B. M. Hyman. 1,906,606; May 2.
- Hitch, Automatic. F. P. Steinbauer. 1,929,220; Oct. 3.
- Hitch connection. C. L. Cook. 1,918,382; July 18.
- Hitch connection. T. W. Paul. 1,939,830; Dec. 19.
- Hitch, Cushioned. J. W. Patterson. 1,933,387; Oct. 31.
- Hitch device. C. G. Strandlund. 1,919,915; July 25.
- Hitch for offset tandem disk harrows and the like. R. L. West. 1,895,831; Jan. 31.
- Hitch mechanism. T. W. Paul. 1,921,581; Aug. 8.
- Hitch, Trailer. T. H. Jacob. 1,927,591; Sept. 19.
- Hitching device for tractors. C. A. Odegard. 1,920,878; Aug. 1.
- Hitching member. J. E. Boda. 1,911,743; May 30.
- Hob. O. F. Ewert. 1,916,259; July 4.
- Hob grinding machine. C. G. Olson. 1,901,926; Mar. 21.
- Hobbing machine. J. L. Perkins and H. D. Croft. 1,936,730; Nov. 28.
- Hoe. A. A. Beeman. 1,895,875; Jan. 31.
- Hoe. W. E. Kee. 1,902,705; Mar. 21.
- Hoe. H. P. Schlag. 1,901,778; Mar. 14.
- Hoe and reaper, Cotton. R. Whiting. 1,894,840; Jan. 17.
- Hoe and weed cutter. C. E. Hinton. 1,940,169; Dec. 19.
- Hoe attachment for cultivators. Rotary. O. Braun. 1,908,110; May 9.
- Hoe, Garden and flower. E. H. McNeal. 1,906,171; Apr. 25.
- Hoe, mulcher, and weed destroyer. F. C. Palin. 1,903,264; Mar. 28.
- Hoe, Mulching. H. H. Hovland. 1,933,625; Nov. 7.
- Hoe, Push. J. E. Steinour and P. Brubaker. 1,895,055; Jan. 24.
- Hoe, Rotary. G. E. Karl. 1,911,623; May 30.
- Hoe, Weeder. E. Enderes. 1,896,441; Feb. 7.
- Hoe, Weeding. M. Vidmar. 1,929,128; Oct. 3.
- Hoe, Wheel. B. L. Simmons. 1,917,333; July 11.
- Hoeling and cultivating machine, Universal. G. Borocki. 1,897,885; Feb. 14.
- Hog feeder. J. D. Duuck. 1,901,089; Mar. 14.
- Hog ringer. H. G. Carbuhr and D. F. Lanphier. 1,932,724; Oct. 31.
- Hog-ringing tool. D. De Neul. 1,931,576; Oct. 24.
- Hogshead, Knockdown. J. E. Edgin. 1,895,428; Jan. 24.
- Hogshead, Knock-down. W. B. Foreman. 1,908,337; May 9.
- Hoist. P. R. Francis. 1,913,439; June 13.
- Hoist. J. P. Heil. 1,927,031; Sept. 19.
- Hoist. F. R. Ramsey. 1,936,642; Nov. 28.
- Hoist. F. E. Stahl. 1,913,861; June 13.
- Hoist, Automatic reverse ratcheting. F. W. Coffing. 1,937,331; Nov. 28.
- Hoist brake. P. R. Francis. 1,934,684; Nov. 14.
- Hoist control. Mine. V. Sikes. 1,931,940; Oct. 24.
- Hoist control system for electric shovels. H. S. Jacobs. 1,915,737; June 27.
- Hoist, Crown. L. E. Zerbe. 1,939,755; Dec. 19.
- Hoist dumping body. Hydraulic. W. C. Anthony and L. Wachter. 1,904,345; Apr. 18.
- Hoist for tilting dump bodies. F. G. Clark. 1,932,690; Oct. 31.
- Hoist, Hydraulic. R. E. Choate. 1,892,829; Jan. 3.
- Hoist mechanism. W. Latimer. 1,912,149; May 30.
- Hoist, Portable. D. E. Willard and D. B. D. Blake. 1,907,024; May 2.
- Hoist, Power operated. G. W. Burgoyne. 1,897,383; Feb. 14.
- Hoist, Self-locking boom. G. T. Ronk. 1,904,930; Apr. 18.
- Hoist, Steam cargo. A. Cunningham. 1,906,947; May 2.
- Hoist, Two-way positive engine. C. Bohlen, jr. 1,925,517; Sept. 5.
- Hoisting apparatus. C. Carlson. 1,931,978; Oct. 24.
- Hoisting apparatus. W. A. Hummel. 1,903,235; Mar. 28.
- Hoisting apparatus. B. C. Wetterstad. 1,928,772; Oct. 3.
- Hoisting block. M. Niemi. 1,900,194; Mar. 7.
- Hoisting block. M. Niemi. 1,907,436; May 9.
- Hoisting device. J. Fullhart. 1,929,458; Oct. 10.
- Hoisting device. T. C. Sederland. 1,913,458; June 13.
- Hoisting engine. C. W. Kallherth. 1,900,937; Mar. 14.
- Hoisting machine. R. C. Post. 1,922,635; Aug. 15.
- Hoisting mechanism. C. F. Osgood. 1,906,219; Apr. 25.
- Hoisting mechanism. R. C. Osgood. 1,940,810; Dec. 26.
- Hoisting sling. P. F. Mueller. 1,931,931; Oct. 24.
- Hoisting structure for ground working implement. T. S. Miller, L. L., J. L., and S. L. Chong. 1,914,521; June 20.
- Hold-down device, Adjustable. C. Lute. 1,937,769; Dec. 5.
- Holddown for punch presses, shears, or the like. F. E. Munschauer. 1,898,565; Feb. 21.
- Hold fast. F. S. Wilson. 1,932,389; Oct. 31.
- Holder: See—
- Abrasive stone holder. Bakery product holder.
- Adjustable holder. Battery holder.
- Article holder. Belt lacing holder.
- Automobile license tag holder. Bit holder.
- Bag holder. Blackboard holder.
- Bait holder. Blade holder.
- Blotter holder.

Holder: See—

Book-end holder.
 Bottle holder.
 Brick holder.
 Broom and mop holder.
 Broom holder.
 Brush holder.
 Bust-holder.
 Cake holder.
 Can and brush holder.
 Candle holder.
 Card and ticket holder.
 Card deck holder.
 Card holder.
 Casement window holder.
 Catamenial bandage holder.
 Certificate and record holder.
 Certificate holder.
 Christmas tree holder.
 Cigar and cigarette holder.
 Cigarette and cigar holder.
 Cigarette holder.
 Cigarette package holder.
 Clock and mirror holder.
 Clothesline holder.
 Coin holder.
 Collapsible holder.
 Collar holder.
 Concrete form board training holder.
 Condiment holder.
 Container holder.
 Copy and book holder.
 Copy holder.
 Corner holder.
 Cow-tail holder.
 Crystal holder.
 Cuspidor holder.
 Cuttle-fish-bone holder.
 Dental floss holder.
 Dental tool holder.
 Deodorant holder.
 Desk pen holder.
 Die holder.
 Directory holder.
 Dispensing can holder.
 Display holder.
 Door holder.
 Double brush holder.
 Double tool holder.
 Drinking cup holder.
 Drop center wheel holder.
 Egg crate top holder.
 Electric lamp holder.
 Electrode holder.
 Embroidery-hoop holder.
 Emergency key holder.
 Film and plate holder.
 Film holder.
 Fishhook holder.
 Flag holder.
 Flower holder.
 Flower pot holder.
 Fly holder.
 Foot holder.
 Fruit holder.
 Fruit jar holder.
 Fuse holder.
 Garage door holder.
 Gas holder.
 Generator and brush holder.
 Glass holder.
 Golf ball holder.
 Grenade holder.
 Hair cloth holder.
 Harmonica holder.
 Head rod holder.
 Heel holder.
 Hook and bait holder.
 Hose holder.
 Ice cream holder.
 Implement holder.
 Index holder.
 Instruction card holder.
 Jig-saw puzzle holder.
 Key holder.
 Label holder.
 Laboratory burette holder.
 Lamp holder.
 Landing net holder.
 Lantern slide holder.
 Lathe tool holder.
 Lead holder.
 License holder.
 License plate holder.
 Lingerie strap holder.
 Lip-stick holder.
 Loose leaf holder.
 Magazine blade holder.
 Map holder.
 Match box holder.
 Milk bottle holder.
 Mirror holder.
 Mop holder.
 Mop or brush holder.
 Music holder.
 Musical trap holder.
 Napkin holder.
 Necktie and collar holder.
 Necktie holder.
 Newspaper holder.
 Nursing bottle holder.
 Package holder.
 Pad holder.
 Pad or memorandum holder.
 Paintbrush holder.
 Paper holder.
 Paper match holder.
 Paper pack holder.
 Pen holder.
 Pencil holder.
 Pencil eraser holder.
 Perch holder.
 Piezo electric crystal holder.
 Pipe holder.
 Plate holder.
 Price card holder.
 Price ticket holder.
 Razor blade holder.
 Razor holder.
 Reflector holder.
 Restaurant check holder.
 Ring holder.
 Rod holder.
 Roll holder.
 Roll paper holder.
 Rope holder.
 Sack or bag holder.
 Safety pin holder.
 Sandpaper holder.
 Screen holder.
 Screwless holder.
 Shade and curtain holder.
 Shade holder.
 Shade pull holder.
 Shirt holder.
 Shoe holder.
 Soap holder.
 Spectacle holder.
 Spool holder.
 Steel wool holder.
 Strap holder.
 Supply-holder.
 Tail holder.
 Tap holder.
 Tape holder.
 Tie holder.
 Tie-back holder.
 Tire display holder.
 Tire holder.
 Tobacco lathe holder.
 Toilet paper holder.
 Tool and kit holder.
 Tool holder.
 Tooth brush holder.
 Torch holder.
 Transfer holder.
 Tube holder.
 Umbrella holder.
 Valve holder.
 Violin holder.
 Watch holder.
 Waterless gas-holder.
 Weldrod holder.
 Work holder.
 Writing instrument holder.
 X-ray tube holder.

Holder, P. C. Brashear. 1,934,694; Nov. 14.
 Holder, C. Harris. 1,894,488; Jan. 17.
 Holder, J. E. Kelley. 1,895,717; Jan. 31.
 Holder, D. and C. Van Ostrand. 1,911,934; May 30.
 Holder, J. J. Willmott. 1,924,011; Aug. 22.
 Holder and ash receiver, Cigar and cigarette. G. Klenk. 1,898,841; Feb. 21.
 Holder and ash receiver for cigars and cigarettes, Combined. F. F. Udine. 1,923,242; Aug. 22.
 Holder and ash tray, Combination cigarette. R. F. Heywood. 1,902,028; Mar. 21.
 Holder and ash tray, Combination tumbler. C. M. Stacey. Des. 90,689; Sept. 12.

Holder and cover for bottles, Combination. R. D. Corke and F. Hansen. 1,902,354; Mar. 21.
 Holder and dispenser, Sanitary paper. O. A. Gilliam. 1,934,185; Nov. 7.
 Holder and display apparatus, Lubricating chart. K. L. Bridges. 1,931,016; Oct. 17.
 Holder and dustpan, Combination broom. J. P. Mahoney. 1,893,426; Jan. 3.
 Holder and extinguisher, Cigarette. W. C. Athon. 1,911,262; May 30.
 Holder and general utility stool, Combination tree. U. L. Larson. 1,914,440; June 20.
 Holder and gripper, Ear. F. W. Doughitt. 1,927,603; Sept. 19.
 Holder and lock, Swinging closure. L. H. Britton. 1,932,444; Oct. 31.
 Holder and making the same, Label. H. L. Batek. 1,940,442; Dec. 19.
 Holder and needle for knitting machines. G. Lange. 1,916,676; July 4.
 Holder and opener, Cigarette package. D. Elliott. 1,928,972; Oct. 3.
 Holder and pipe stem, Cigarette. S. Segal. 1,927,956; Sept. 26.
 Holder and pipe stem, Combination cigarette. S. Segal. 1,933,875; Nov. 7.
 Holder and play toy, Combined wax paper. M. H. Lipsky. 1,938,186; Dec. 5.
 Holder and punching device, Restaurant check. E. A. Haveles. 1,903,028; June 6.
 Holder and sterilizer for hair clippers. G. E. Stewart. 1,938,159; Dec. 5.
 Holder and toy, Combined cuttle bone. M. D. Robinson. Des. 89,923; May 16.
 Holder and windshield, Combined match. L. Rubinstein. 1,893,655; Jan. 10.
 Holder, ash receiver and igniter, Combination cigarette. G. W. Bowman. 1,898,077; Feb. 21.
 Holder device, Sand paper. A. C. Bawden. 1,921,211; Aug. 8.
 Holder for a thermometer, or the like. J. H. McCreary. Des. 89,823; May 9.
 Holder for advertising devices, showcards and other articles. G. Briggs. 1,932,154; Oct. 24.
 Holder for article to be electroplated. T. A. Edison. 1,908,830; May 16.
 Holder for ash trays or other articles. F. F. Lemoine. Des. 88,879; Jan. 3.
 Holder for autocollimators. A. Garbarini. 1,909,463; May 16.
 Holder for autocollimators. A. Garbarini. 1,933,552; Nov. 7.
 Holder for automobiles, Emergency key. O. E. Newbauer. 1,916,890; July 4.
 Holder for boot and shoe laces. W. Gromoll. 1,915,665; June 27.
 Holder for bottle washing machines, Bottle. R. J. Wynne and P. H. Meyer. 1,934,250; Nov. 7.
 Holder for bricks or the like. W. P. Sullivan. 1,922,560; Aug. 15.
 Holder for brush-making machines, Brush. L. B. Terhune. 1,913,863; June 13.
 Holder for cigars and cigarettes. W. J. Ground. 1,938,524; Dec. 5.
 Holder for container tubes. F. P. Hyer. 1,915,671; June 27.
 Holder for containers. A. A. Jewell. 1,902,285; Mar. 21.
 Holder for Cooper-Newitt tubes and inert gas tubes generally, Insulating. L. O'Rourke. 1,903,127; Mar. 28.
 Holder for cosmetics. A. Hagel. 1,919,785; July 25.
 Holder for cosmetics and the like. G. C. Fullmer. 1,904,364; Apr. 18.
 Holder for cosmetics or the like. H. Sadacca. Des. 90,683; Sept. 12.
 Holder for cow tails. A. and E. Gliese. 1,927,119; Sept. 19.
 Holder for crayons. M. H. Fellowes. 1,907,772; May 9.
 Holder for cribs and the like, Adjustable milk bottle. E. J. Carlson. 1,900,691; Mar. 7.
 Holder for dental X-ray films. A. W. Buck. 1,906,223; May 2.
 Holder for disk sharpeners, Disk. D. C. Galvin. 1,894,585; Jan. 17.
 Holder for drills or like articles. G. W. Kohlmetz. Des. 90,663; Sept. 12.
 Holder for edible articles of food and confections. W. Rohrs and L. W. Brent. Des. 90,958; Oct. 31.
 Holder for edibles and general merchandise. W. T. Leatherdale and W. J. Wilson. 1,933,862; Nov. 7.
 Holder for eggs and the like. L. Sugerman. 1,931,304; Oct. 17.
 Holder for electrical apparatus. F. G. Hunt. 1,907,968; May 9.
 Holder for fragile articles, Packing. M. Koppelman. 1,910,396; May 23.
 Holder for fragile articles, Packing. M. Koppelman. 1,911,175; May 23.
 Holder for glass plates, especially for decoration purposes. H. Reutner. 1,908,470; May 9.
 Holder for grain and the like bags or sacks, Adjustable. M. Phil. 1,923,816; Aug. 22.
 Holder for headed tools. J. T. Lehmann. 1,928,063; Sept. 26.
 Holder for heel-portions. J. F. Standish. 1,917,337; July 11.
 Holder for ice-cream cones. J. Hoidn. 1,925,083; Sept. 5.

- Holder for ice cream cones. A. J. Legge. 1,920,995; Aug. 8.
- Holder for lighting fixtures, Shade. V. J. Gallagher. 1,902,023; Mar. 21.
- Holder for machine tools. A. C. Maxfield. Re18,836; May 23.
- Holder for magazines, books, etc. A. G. Faries. 1,934,528; Nov. 7.
- Holder for mail boxes, Letter. L. H. Hoover. 1,928,378; Sept. 26.
- Holder for motor vehicles, Emblem. K. T. Norris. Des. 90,993; Nov. 7.
- Holder for moving picture films. R. P. Stineman. 1,934,245; Nov. 7.
- Holder for neckties, etc. M. D. Schwartz and B. Kaplin. 1,913,215; June 6.
- Holder for needles or the like, Manipulating. E. W. Winkler. 1,893,528; Jan. 10.
- Holder for outlet boxes, Marble ring. L. A. Sharp. 1,921,170; Aug. 8.
- Holder for ovens, Tray. H. C. Hanson and K. S. Jenson. 1,941,301; Dec. 26.
- Holder for pan covers and other culinary articles, Combined. A. J. De Biasi. 1,928,995; Oct. 3.
- Holder for paraffin fluid containers. J. F. Weiss. 1,900,783; Mar. 7.
- Holder for partitions, Adjustable. C. A. Cutler. 1,940,048; Dec. 19.
- Holder for portable machines, Torch. J. L. Anderson. 1,915,915; June 27.
- Holder for pretzels or the like. F. J. Coyle. Des. 90,478; Aug. 15.
- Holder for recipe books and the like. H. C. Meyer and H. Lundgren. 1,930,347; Oct. 10.
- Holder for reknitting fabrics. C. A. Crowley. 1,903,893; Apr. 18.
- Holder for restaurant checks and the like. E. A. Haveles. 1,925,661; Sept. 5.
- Holder for safety testing devices, Prong-type. C. H. Spangler. 1,896,598; Feb. 7.
- Holder for sinks, Garbage. W. S. Howe. 1,903,623; Apr. 11.
- Holder for sliced articles. F. Tilney. 1,913,134; June 6.
- Holder for socket wrench sets. C. Vallone. 1,908,938; May 16.
- Holder for stenographers' notebooks. E. M. Dougherty. 1,939,206; Dec. 12.
- Holder for stocking forms, Clamping. H. Hemmerich. 1,907,247; May 2.
- Holder for tags, etc. L. N. Plante. 1,922,900; Aug. 15.
- Holder for toilet articles. R. W. Dailey. Des. 91,014; Nov. 14.
- Holder for transparent pie covers. J. R. Wrigley. 1,902,206; Mar. 21.
- Holder for tubes. O. Jansen. 1,923,929; Aug. 22.
- Holder for use in grinding machines. J. Schick. 1,906,635; May 2.
- Holder for vehicle fenders, Splash guard. W. R. Chesley. 1,900,225; Mar. 7.
- Holder for washing machines and the like. R. T. Gardner. 1,925,871; Sept. 5.
- Holder for women's handbags and other articles, Initial or ornament. R. Staufert. 1,897,341; Feb. 14.
- Holder for yarn packages. F. B. Javery. 1,904,737; Apr. 18.
- Holder of paintbrushes for painting flagpoles. E. Kling. 1,897,058; Feb. 14.
- Holder of writing instruments. J. W. Fitz Gerald. 1,926,376; Sept. 12.
- Holder or article of analogous nature, Match box. H. Negbauer. Des. 89,530; Mar. 21.
- Holder or bobbin, Flexible line. F. F. Elliott. 1,910,597; May 23.
- Holder or similar article, Knife set. B. F. Lee. Des. 91,116; Nov. 28.
- Holder or support for telephone instruments. O. Horn. 1,939,449; Dec. 12.
- Holder or writing tablet, Score card. J. S. Baker. 1,894,146; Jan. 10.
- Holder, particularly for socks or stockings. W. Öhrström. 1,913,507; June 13.
- Holder support for hand assembling valve stems and pneumatic tubes. E. M. Godfrey, jr. 1,893,645; Jan. 10.
- Holders for refractors. T. W. Rolph. 1,941,109; Dec. 26.
- Holding and dispensing device for collapsible tubes. H. Jaidike. 1,904,050; Apr. 18.
- Holding and releasing mechanism for hand brakes. R. W. Burnett. 1,939,953; Dec. 19.
- Holding and squeezing mechanism for paste tubes. J. S. Clark. 1,927,278; Sept. 19.
- Holding attachment. G. E. Neuberth. 1,907,858; May 9.
- Holding bar, Plate glass. D. J. Murnane. 1,893,713; Jan. 10.
- Holding compartments for paint tablets in sheet metal paint boxes. H. Lieberuth. 1,933,741; Nov. 7.
- Holding device. A. D. Drury. 1,898,349; Feb. 21.
- Holding devices for printing members, Apparatus for making. R. A. Bond. 1,896,156; Feb. 7.
- Holding machine. W. H. Nicholls and A. D. Ziebarth. 1,910,354; May 23.
- Holding means for artificial dentures. H. D. Rowe. 1,917,902; July 11.
- Holding means for lamps. H. M. Bell. 1,930,892; Oct. 17.
- Holding member for projection machines, Interchangeable. F. N. Jones. 1,901,245; Mar. 14.
- Hole indicator, Crooked. W. Elliott. 1,895,615; Jan. 31.
- Hole inlet for plunger lift devices, Bottom. N. H. Rickers. 1,909,119; May 16.
- Hole punching device. T. F. Moore. 1,906,706; May 2.
- Hollow article. J. P. Burke. 1,925,030; Aug. 29.
- Hollow articles, Apparatus for molding. E. Katz. 1,914,131; June 13.
- Hollow articles, Apparatus for the formation of. D. Lantinberg and G. M. Jones. 1,908,769; May 16.
- Hollow articles, Method and apparatus for testing. H. H. Moore, W. A. Webster, and H. H. Little. 1,909,703; May 16.
- Hollow articles, Method and apparatus for the formation of. J. S. Cohen. 1,908,732; May 16.
- Hollow articles, Method and apparatus for the formation of. D. Lantinberg and F. Stefandel. 1,898,252; Feb. 21.
- Hollow articles of cast metal, Making. A. A. Schupp. 1,934,239; Nov. 7.
- Hollow articles, Production of. H. S. Holmes. 1,935,152; Nov. 14.
- Hollow articles, Welding. T. E. Murray, jr. 1,912,993; June 6.
- Hollow bodies, Apparatus for rolling seamless. P. Horbach and K. Simoneit. 1,936,019; Nov. 21.
- Hollow bodies by centrifugal casting, Preparing open and closed. W. Raym, K. Mertens, and A. Salzer. 1,921,699; Aug. 8.
- Hollow bodies by means of fibrous materials, Process of and device for manufacturing. A. Rutishauser. 1,895,687; Jan. 31.
- Hollow bodies from cellulose and the like, Making. E. Czapke and E. Bauer. 1,918,383; July 18.
- Hollow bodies, Riveting. E. P. Dean. 1,935,081; Nov. 14.
- Hollow bodies, Shaping. A. Kosik. 1,941,094; Dec. 26.
- Hollow objects, Forming electrically welded. T. E. Murray, jr. 1,929,898; Oct. 10.
- Hollow rivet setting tool. E. P. Dean. 1,920,362; Aug. 1.
- Holster. J. I. Keith. 1,917,844; July 11.
- Holster, Article. E. R. Hagerstrom. 1,895,074; Jan. 24.
- Holster, Handcuff. A. D. Peirce. 1,894,540; Jan. 17.
- Holster, Pistol. I. Arth. 1,903,084; Mar. 28.
- Holster securing device. P. J. Noel. 1,935,984; Nov. 21.
- Holsters, Pistol. F. C. Jewett. 1,930,203; Oct. 10.
- Homogenizer. G. J. Musgrove. 1,922,974; Aug. 15.
- Homopolar generator. P. I. Chandeysson. 1,916,256; July 4.
- Hone, Cylinder. W. E. Heuer. 1,931,986; Oct. 24.
- Hone, Piston pin bearing. H. W. Zimmermann. 1,936,612; Nov. 28.
- Honer, Safety razor blade. C. Wolf. 1,920,491; Aug. 1.
- Honing device. J. Sunnen. 1,904,336; Apr. 18.
- Honing device for cylinders. J. Sunnen. Re18,763; Mar. 14.
- Honing device, Razor blade. C. Newman. 1,936,605; Nov. 28.
- Honing machine for piston pin holes. J. Sunnen. 1,913,689; June 13.
- Honing machine for razor blades, Finish. T. C. Sheehan. 1,907,595; May 9.
- Honing machine for razor blades, Rough. T. C. Sheehan. 1,937,795; Dec. 5.
- Honing tool. F. M. Kern. 1,927,039; Sept. 19.
- Hood, Baby carriage. G. Stinson. 1,919,603; July 25.
- Hood capping container. W. L. Wright and L. D. Pierce. 1,905,615; Apr. 25.
- Hood construction. W. J. Hall. 1,910,763; May 23.
- Hood construction. W. J. Hall. 1,912,635; June 6.
- Hood fastener. S. De Orlow. 1,905,220; Apr. 25.
- Hood fastener. G. M. Graham. 1,907,790; May 9.
- Hood fastener. M. F. C. Heitman. 1,922,242; Aug. 15.
- Hood fastener. C. R. Hennicke. 1,915,492; June 27.
- Hood fastener. W. A. Schumann. 1,910,640; May 23.
- Hood fastener. W. R. Wiley. 1,930,298; Oct. 10.
- Hood for automobiles and the like. V. Tendero. 1,926,757; Sept. 12.
- Hood for power driven vehicles, Roller. F. Steinecke. 1,899,832; Feb. 28.
- Hood for vehicles, Collapsible. A. Kellner. 1,899,870; Feb. 28.
- Hood for welding molds. E. F. Begtrup. 1,917,868; July 11.
- Hood latch. S. De Orlow. 1,905,814-15; Apr. 25.
- Hood latch. F. A. Falk. 1,905,554-5; Apr. 25.
- Hood latch. F. A. Falk. 1,933,893; Nov. 7.
- Hood latch. B. F. Hamilton. 1,929,370-1; Oct. 3.
- Hood latch. C. Hollerith. 1,897,805; Feb. 14.
- Hood latch. C. J. Hollerith. 1,916,511; July 4.
- Hood latch. J. E. Malivert. 1,915,192; June 20.
- Hood latch. N. A. Mears and D. P. Hynes. 1,907,430-1; May 9.
- Hood latch. N. A. Mears and C. A. Perrnon. 1,907,432; May 9.
- Hood latch. N. A. Mears and C. A. Perrnon. 1,933,920-1; Nov. 7.
- Hood, Respiratory. A. Belloni. 1,929,343; Oct. 3.
- Hood, Single-draft fume. J. M. Liptay. 1,934,808; Nov. 14.
- Hood supporting structure for baby carriages. C. J. Bjorson and A. A. Greenwood. 1,933,537; Nov. 7.
- Hood top and radiator shell for automobiles and the like, Combined. G. E. Ireland. 1,919,656; July 25.

Hook: See—

Cargo hook.
 Detachable hook.
 Printer's register hook.
 Hook and bait holder. F. E. Norton. 1,920,478; Aug. 1.
 Hook and balloon employing the same. C. Faure-Roux. 1,907,529; May 9.
 Hook block for hoists. A. Cotesworth and E. E. Robins. 1,898,524; Feb. 21.
 Hook for airplanes, Arresting. R. J. Minshall. 1,893,591; Jan. 10.
 Hook guard. J. C. Yingling. 1,914,189; June 13.
 Hookup, Brake. M. M. Cunningham. 1,919,187; July 25.
 Hooked clamp. R. J. Lackner. 1,899,162; Feb. 28.
 Hooks, Method and apparatus for making belt lacing. O. B. Briggs and G. M. Richard. 1,900,156; Mar. 7.
 Hoop. J. G. Porteus. 1,909,718; May 16.
 Hoops, Automatic tightening of fastening. J. P. M. Malleville. 1,910,116; May 23.
 Hoops, Forming metal. C. M. MacChesney. 1,936,909; Nov. 28.
 Hopper attachment, Fuel feeder. C. F. Martin. 1,929,324; Oct. 3.
 Hopper, Automatic feed. J. M. Soderstrom. 1,898,269; Feb. 21.
 Hopper car construction. W. E. Wine. 1,917,785; July 11.
 Hopper feed for endless bed machines. P. A. Solem and D. J. McLaughlin. 1,893,566; Jan. 10.
 Hopper for concrete aggregate, Conducting. B. Noble. 1,925,541; Sept. 5.
 Hopper for filling replenishing looms, Rotary. H. H. Burdett. 1,897,417; Feb. 14.
 Hopper for pneumatic conveyers, Feeding. E. H. Wenzel. 1,903,304; Apr. 4.
 Hopper for stokers. E. B. Birkenbeuel. 1,908,882; May 16.
 Hopper for stokers. H. C. Carter. 1,928,962; Oct. 3.
 Hopper gate closing mechanism. H. Kuehling. 1,937,232; Nov. 28.
 Horizontal combination boiler. F. P. Anderson. 1,933,695; Nov. 7.
 Hormone. F. Laquer and H. Weyland. 1,910,298; May 23.
 Hormone of the anterior lobe of the pituitary gland, Recovery of a. M. Dohrn and W. Hohlweg. 1,928,830; Oct. 3.
 Hormones, Producing female sex. J. A. Morrell. 1,910,351; May 23.
 Horn. E. C. Horton and H. Hueber. 1,915,248; June 20.
 Horn. H. Hueber. 1,909,828; May 16.
 Horn. H. Hueber. 1,920,147; July 25.
 Horn. E. V. Schaal. 1,936,688; Sept. 12.
 Horn, Air operated. R. T. Osborne. 1,901,187; Mar. 14.
 Horn, Arc. A. O. Anderson. 1,934,518; Nov. 7.
 Horn, Automobile. G. J. Seiss. 1,940,150; Dec. 19.
 Horn, Ear. E. R. Butts. 1,914,734; June 20.
 Horn, Fluid pressure. H. Hueber. 1,904,759; Apr. 18.
 Horn or other acoustic signal producer, Electric. M. Greiner. 1,939,347; Dec. 12.
 Horn screen. E. E. Hewitt and T. W. Masterman. 1,910,545; May 23.
 Horn, Signal. F. M. Robb. 1,922,397; Aug. 15.
 Horn, Sound amplifying. S. Coumbopoulos. 1,920,631; Aug. 1.
 Horn, Sounding. E. E. Hewitt. 1,898,536; Feb. 21.
 Horn structure. A. I. Abrahams. 1,918,366; July 18.
 Horn system. H. Hueber. 1,917,194; July 4.
 Horn terminus, Automobile. G. J. Seiss. Des. 90,685; Sept. 12.
 Horological device for closing an electric circuit. A. W. Fowler. 1,940,713; Dec. 26.
 Horological mechanism. P. Hungerbühler. 1,902,126; Mar. 21.
 Horseshoe. G. M. Burger. 1,910,746; May 23.
 Horse shoe. H. N. Leiter. 1,936,306; Nov. 21.
 Horseshoe. D. O. Snyder. 1,921,891; Aug. 8.
 Horseshoe. C. R. Wagener. 1,938,471; Dec. 5.
 Horse shoes, Pitching. J. A. Gordon. 1,933,850; Nov. 7.
 Horse-shoes, Pitching. W. J. Steinbreder. 1,913,009; June 6.
 Horticultural dust, Preparing. A. E. Badertscher. 1,940,899; Dec. 26.
 Hose. G. K. Bedur. 1,919,356; July 25.
 Hose. H. W. Goodall. 1,894,269; Jan. 17.
 Hose and pipe coupling. C. J. Ernst. 1,903,445; Apr. 11.
 Hose and pipe coupling. J. J. Tompkins. 1,916,449; July 4.
 Hose, Apparatus for vulcanizing. G. K. Bedur. 1,939,871; Dec. 19.
 Hose appliance, Sprinkler. E. C. Hanley. 1,917,934; July 11.
 Hose attachment, Fire. J. A. Bishop. 1,925,431; Sept. 5.
 Hose casing, Jointed metallic. M. Dysthe. 1,905,824; Apr. 25.
 Hose clamp. J. P. Eastman. Re18,840; May 23.
 Hose connector for vacuum cleaners. G. W. Allen. 1,920,621; Aug. 1.
 Hose connection. H. A. Roselund. 1,914,730; June 20.
 Hose connections, Making. B. Dick. 1,901,088; Mar. 14.
 Hose connections, Making. G. L. McKee. 1,927,688; Sept. 19.
 Hose control appliance, High pressure. D. McPherson. 1,933,919; Nov. 7.

Hose coupler. W. H. Bacheldor and A. Brummer. 1,911,486; May 30.
 Hose coupler. M. Loughhead. 1,928,836-7; Oct. 3.
 Hose coupling. W. Bawden. 1,898,283; Feb. 21.
 Hose coupling. G. W. Biller. 1,911,423; May 30.
 Hose coupling. A. A. Eisenman. 1,924,712; Aug. 29.
 Hose coupling. J. H. Goss. 1,936,552; Nov. 21.
 Hose coupling. J. J. Hines. 1,927,314; Sept. 19.
 Hose coupling. W. B. Kennedy. 1,926,949; Sept. 12.
 Hose coupling. S. Larson. 1,904,061; Apr. 18.
 Hose coupling. J. L. Martin. 1,922,968; Aug. 15.
 Hose coupling. G. L. McKee. 1,897,319; Feb. 14.
 Hose coupling. F. Keutter and J. H. Goss. 1,919,860; July 25.
 Hose coupling. J. F. Steele. 1,933,769; Nov. 7.
 Hose coupling. A. L. Wallace. 1,915,041; June 20.
 Hose coupling. C. A. Watson. 1,911,333; May 30.
 Hose coupling, Automatic. C. W. Ibach. 1,935,244; Nov. 14.
 Hose coupling reinforcing means. J. C. Schellin. 1,914,961; June 20.
 Hose fitting. A. Brunner. 1,901,143; Mar. 14.
 Hose fitting for fluid pressure systems. M. Loughhead. 1,929,750; Oct. 10.
 Hose, Fluid-conductive. J. Poberejsky. 1,901,330; Mar. 14.
 Hose from mandrels, Method and apparatus for stripping. N. H. Curtiss. 1,916,361; July 4.
 Hose guide, Garden. H. H. Brooks. 1,933,655; Nov. 7.
 Hose hanger. W. J. Ferguson. 1,897,248; Feb. 14.
 Hose holder. L. Johnson. 1,906,380; May 2.
 Hose jumper. S. M. Kostohris. 1,914,830; June 20.
 Hose leak stop. F. B. Myers. Des. 89,584; Apr. 4.
 Hose, Making. G. H. Barnes, jr. 1,913,327; June 6.
 Hose making machine. A. L. Wallace and S. Bergstrom. 1,933,528; Oct. 31.
 Hose, Overhead swivel arm for lubricant supply. C. G. Wilson. 1,924,428; Aug. 29.
 Hose patch. F. J. Rupert. 1,914,790; June 20.
 Hose protector. P. Arvia. 1,934,473; Nov. 7.
 Hose rack. W. Barnes, jr. 1,903,085; Mar. 28.
 Hose rack, Air service. T. H. Shope. 1,940,701-2; Dec. 26.
 Hose reel. J. B. Lea. 1,908,852; May 16.
 Hose reel. R. O. Lund. 1,901,660; Mar. 14.
 Hose reel. C. Nubring. 1,921,938; Aug. 8.
 Hose reel and drier. V. Markkula. 1,918,768; July 18.
 Hose reel, Multiple. N. A. Thornblom. 1,914,654; June 20.
 Hose, Rubber. H. Pahl. 1,914,455; June 20.
 Hose, Self-supporting. G. Abraham. 1,914,794; June 20.
 Hose shut-off and clamp. J. Fyfe. 1,914,851; June 20.
 Hose supporter fastener. R. E. Tupper. 1,937,926; Dec. 5.
 Hose, Swing joint steel. F. J. Young and D. A. Murphy. 1,928,957; Oct. 3.
 Hose union. A. J. Scholtes. 1,917,553; July 11.
 Hose union, Swiveling. J. H. Barrett. 1,930,833; Oct. 17.
 Hose winder. E. Marks. 1,915,632; June 27.
 Hosiery. E. B. Beacham. Re18,757; Mar. 7.
 Hosiery. E. J. Berger. Des. 89,333; Feb. 28.
 Hosiery. E. J. Berger. Des. 89,383; Mar. 7.
 Hosiery. O. C. Hamel. 1,941,171; Dec. 26.
 Hosiery. B. Haycock, jr. 1,915,929; June 27.
 Hosiery. R. H. Oswald. 1,939,828; Dec. 19.
 Hosiery. E. W. Sachsenmaier. 1,894,891; Jan. 17.
 Hosiery. W. L. Thompson. 1,919,487; July 25.
 Hosiery and making same. Seamless. J. M. Allen. 1,904,036; Apr. 18.
 Hosiery, Decorating articles of. C. A. Barrett. 1,906,512; May 2.
 Hosiery frame. P. Lieberknecht. 1,911,833; May 30.
 Hosiery frame, Flat. C. Scheller. 1,920,597; Aug. 1.
 Hosiery frames, Knocking over device for flat. K. R. Lieberknecht. 1,923,985; Aug. 22.
 Hosiery. Knitted. D. M. Carmer. 1,921,908; Aug. 8.
 Hosiery machine, Automatic seamless. S. Kakigabara. 1,932,341; Oct. 24.
 Hosiery, Mechanism for knitting full fashioned. G. Gas-trich. 1,941,296; Dec. 26.
 Hosiery, Method and mechanism for knitting full-fashioned. R. H. Lawson. 1,897,131; Feb. 14.
 Hosiery press. J. Zimarik. 1,894,435; Jan. 17.
 Hosiery, Self-supporting. W. L. Thompson. 1,920,943; Aug. 1.
 Hosiery, Surgical. M. Deller. 1,913,108; June 6.
 Hosiery with elastic strain absorber. H. B. Shader. 1,929,006; Oct. 3.
 Hospital indicator. B. L. Bobroff. 1,921,149; Aug. 8.
 Hospital signaling apparatus. R. S. Edwards. 1,915,985; June 27.
 Hospital table. F. Kusterle. 1,901,174; Mar. 14.
 Hot air distributing apparatus for automobiles. J. A. Deal. 1,911,438; May 30.
 Hot air furnace. C. I. Murdock. 1,912,397; June 6.
 Hot air furnace, All steel. F. H. Miller and W. M. Shoffner. 1,915,688; June 27.
 Hot air furnace construction. J. J. Cheviron. 1,919,008; July 18.
 Hot air furnace, Electric. M. Kovcsdy. 1,907,357; May 2.
 Hot air furnace, Electrically operated. A. G. Watson and A. E. Robinson. 1,940,985; Dec. 26.
 Hot air generator. V. C. Norquist. Des. 89,088; Jan. 24.
 Hot air generator. V. C. Norquist. Des. 89,912; May 16.
 Hotbed. E. T. Peterson. Re18,996; Nov. 14.

- Hot box arrester. A. M. Krause and J. J. Rounds. 1,922,806; Aug. 15.
- Hot box control. H. W. Faus. 1,919,693; July 25.
- Hotcap. W. R. Schindler. 1,940,020; Dec. 19.
- Hot cathode electron discharge tube. H. M. Freeman and W. G. Wade. 1,917,963; July 11.
- Hot extrusion method. F. Singer. 1,892,789; Jan. 3.
- Hot-house. R. I. McLellan. 1,939,015; Dec. 12.
- Hot-house, Miniature. A. Liemann. 1,897,062; Feb. 14.
- Hot point regroover. J. B. Fox. 1,926,520; Sept. 12.
- Hot straightening, Method of. G. Langford. 1,914,439; June 20.
- Hot top. W. M. Charman. 1,921,729; Aug. 8.
- Hot top. W. M. Charman. 1,921,732; Aug. 8.
- Hot top. W. M. Charman and H. J. Darlington. 1,921,731; Aug. 8.
- Hot top. M. G. Dumas. 1,913,434; June 13.
- Hot top. E. L. Messler. 1,913,847; June 13.
- Hot top. E. L. Messler and J. J. Isherwood. 1,893,207; Jan. 3.
- Hot water and distilled water generator. M. P. Béraud. 1,931,838; Oct. 24.
- Hot water generator. F. S. Elrick. 1,921,735; Aug. 8.
- Hot water heater. J. F. Mustee. 1,906,868; May 2.
- Hot water heating furnace. C. A. W. Voigt. 1,904,179; Apr. 18.
- Hot water system and valve therefor. L. W. Williams. 1,913,622; June 13.
- House. J. C. Stedman. Des. 90,391; July 25.
- House, Bird. W. F. Anklaam. 1,916,878; July 4.
- House, Bird. F. Mallgraf. 1,911,702; May 30.
- House, Bird's. J. D. Daggett. Des. 89,631; Apr. 18.
- House, Brooder. R. Ferguson. 1,921,352; Aug. 8.
- House, Brooder. A. Nijveldt. 1,911,921; May 30.
- House cleaner, Combination. H. Kanish. 1,921,637; Aug. 8.
- House, Folding portable. F. Stotzer and S. Nann. 1,912,502; June 6.
- House for brooding. W. D. Bayley. 1,924,480; Aug. 29.
- House framing, Metallic. H. Ridgway. 1,893,636; Jan. 10.
- Household appliance. C. S. Glenn. 1,909,399; May 16.
- Household filter. K. Imhoff. 1,919,331; July 25.
- Household filter. K. Imhoff, F. Sierp, and P. Brinkhaus. 1,914,829; June 20.
- Household mixer. J. W. Lynch. 1,926,910; Sept. 12.
- House, Log. H. A. Muffey and E. F. McLeer. 1,902,309; Mar. 21.
- House number casing or similar article, Illuminated. J. von Alt. Des. 89,226; Feb. 7.
- House number, Illuminated. R. E. Nulsen. 1,898,463; Feb. 21.
- House-numbering device. L. W. Harvey. C. E. Olcott, and J. W. Robertson. 1,915,666; June 27.
- House or building construction. J. A. Henkensiefken. 1,900,812; Mar. 7.
- House, Pottery bird. J. B. Lenhart. 1,894,406; Jan. 17.
- House, Poultry. C. W. Barney. 1,920,051; July 25.
- Housing, Air brake valve. C. A. Campbell. 1,903,441; Apr. 11.
- Housing, Compressor. T. J. Fowler. 1,895,508; Jan. 31.
- Housing for a lotion and the like dispensing machine. E. E. Frary. Des. 91,024; Nov. 14.
- Housing for air conditioning apparatus. E. S. George and H. L. Blydenburgh. Des. 89,176; Feb. 7.
- Housing for axles of locomotives and railway cars, Journal. C. W. Todd. 1,910,723; May 23.
- Housing for fluid pressure regulating valves. R. W. Whittle. 1,925,683; Sept. 5.
- Housing for lamp for surgical work and the like. A. F. Pieper. Des. 89,208; Feb. 7.
- Housing for selenium cells. B. Decker and E. Blume. 1,935,698; Nov. 21.
- Housing for spark plugs, Waterproof. C. Hoogendorn. 1,912,980; June 6.
- Housing for typewriters, Sound deadening. G. J. Rundblad. 1,929,991; Oct. 10.
- Housing, Front wheel drive. M. L. Holloway. 1,898,447; Feb. 21.
- Housing, Rolling mill. J. R. George. Re18,724; Jan. 31.
- Housings and the like, Manufacture of. T. E. Murray, Jr. Re18,925; Aug. 22.
- Housings, Assembling tubular. R. K. Winning. 1,908,206; May 9.
- Housings, Making axle. C. Kachel. 1,938,702; Dec. 12.
- Housings, Making rear axle. A. T. Kapitke and F. A. Bauroth. 1,940,305; Dec. 19.
- Hub adapter. C. G. Keller. 1,908,024; May 9.
- Hub and brake drum assembly for vehicle wheels. F. R. Carr. 1,922,568; Aug. 15.
- Hub assembly for wheel tires. A. J. Musselman. 1,894,238; Jan. 10.
- Hub cap. T. E. McCallister. 1,929,701; Oct. 10.
- Hub cap and lock therefor, Wheel. H. Walters. 1,919,492; July 25.
- Hub cap or the like. G. Brown. 1,896,066; Feb. 7.
- Hub cap puller. L. H. Pembroke. 1,923,953; Aug. 22.
- Hub cap, Wheel. C. R. Stough. 1,908,570; May 9.
- Hub, Pressed steel. C. R. Stough. 1,895,499; Jan. 31.
- Hub removing tool. N. W. Trautner. 1,899,218; Feb. 28.
- Hub shells and like tubular metal articles, Making. H. W. Kranz. H. H. Bound, and J. S. Fenzel. 1,931,163; Oct. 17.
- Hub shells and the like, Making. C. C. Grotnes. 1,906,578; May 2.
- Hub, Shock shifter. J. Muir. 1,898,593; Feb. 21.
- Hubs, Making. C. L. Eksergian. 1,902,223; Mar. 21.
- Hubs, Making wheel. C. L. Eksergian. 1,902,222; Mar. 21.
- Hubs, Making wheel. C. L. Eksergian. 1,902,224; Mar. 21.
- Hull. V. W. Strode. 1,898,322; Feb. 21.
- Hull, Boat. W. J. H. Dyer. Des. 88,862; Jan. 3.
- Hull extractor. T. Elliott. 1,905,632; Apr. 25.
- Hull for ship construction. J. Kjekstad. 1,933,861; Nov. 7.
- Hull structure of ships and the like. H. E. J. Camps. 1,895,879; Jan. 31.
- Huller, Nut. W. C. Anderson. 1,913,581; June 13.
- Hum elimination system. S. A. Barone. 1,894,656; Jan. 17.
- Hum reduction in alternating current receivers. R. A. Braden. 1,912,755; June 6.
- Humidifier. J. M. and J. P. Ayer. 1,925,973; Sept. 5.
- Humidifier. R. C. Barton. 1,927,733; Sept. 19.
- Humidifier. C. J. Byboth. 1,897,298; Feb. 14.
- Humidifier. W. D. Carter. 1,892,694; Jan. 3.
- Humidifier. A. Diehl. 1,919,777; July 25.
- Humidifier. H. A. Greenwald. 1,925,660; Sept. 5.
- Humidifier. W. J. Hall. 1,907,104; May 2.
- Humidifier. G. M. Hogan. Des. 91,115; Nov. 28.
- Humidifier. L. W. Hoyt. 1,896,514; Feb. 7.
- Humidifier. L. Kresser. 1,914,812; June 20.
- Humidifier. A. J. Lorenz and F. E. Hartman. 1,893,954; Jan. 10.
- Humidifier. R. C. Luplow. 1,900,453; Mar. 7.
- Humidifier. A. B. Modine. 1,913,942; June 13.
- Humidifier. A. Murdoch and A. Murdoch, jr. 1,898,785; Feb. 21.
- Humidifier. S. Neiburger. 1,934,204; Nov. 7.
- Humidifier. J. V. Stewart. 1,892,686; Jan. 3.
- Humidifier. R. N. Trane. 1,894,898; Jan. 17.
- Humidifier. J. N. Youness. 1,918,365; July 18.
- Humidifier and air circulator. R. J. Seator. 1,918,431; July 18.
- Humidifier and dust collector. R. C. Bender. 1,910,232; May 23.
- Humidifier, Automatic electrical. E. A. Reid. 1,930,771; Oct. 17.
- Humidifier, cigar lighter, and ash tray arrangement, Combination. W. L. Lindgren. 1,933,632; Nov. 7.
- Humidifier for heating systems. J. E. Bolling. 1,939,655; Dec. 19.
- Humidifier for hot air furnaces or heaters. E. Somers. 1,914,307; June 13.
- Humidifier material. N. C. Ward. 1,939,837; Dec. 19.
- Humidifier, Portable. R. E. Kruck and P. E. Hochstetter. Des. 90,444; Aug. 8.
- Humidifier with series of diminishing cones. G. R. Magney. 1,912,210; May 30.
- Humidifier, Yarn. F. J. Hejduk and H. Sarfert. 1,941,087; Dec. 26.
- Humidifying apparatus. F. A. and W. Anetsberger. 1,901,888; Mar. 21.
- Humidifying apparatus. F. A. and W. Anetsberger. 1,936,895; Nov. 28.
- Humidifying apparatus. O. H. Blackwood and L. F. Boss. 1,905,135; Apr. 25.
- Humidifying apparatus. C. W. Brabbée. 1,922,014; Aug. 8.
- Humidifying apparatus. G. D. Doherty. Re18,762; Mar. 14.
- Humidifying apparatus. G. D. Doherty. 1,918,086; July 11.
- Humidifying apparatus, Automatic. J. J. Lawler. 1,903,745; Apr. 11.
- Humidifying device. E. C. Rosenow. Re18,934; Sept. 5.
- Humidifying system. A. F. Wright. 1,916,455; July 4.
- Humidifying unit for cold storage compartments. T. G. Shawhan. 1,927,852; Sept. 26.
- Humidifying unit with tube. G. R. Magney. 1,922,704; Aug. 15.
- Humidity control system. G. D. Kingsland. 1,937,968; Dec. 5.
- Humidity-control system. W. E. Stark. 1,926,462; Sept. 12.
- Humidity controller. J. M. Larson. 1,902,173; Mar. 21.
- Humidity regulating mechanism for heating systems, Automatic. F. D. Piening. 1,925,601; Sept. 5.
- Humidor. W. M. Hauch. 1,938,384-5; Dec. 5.
- Humidostat. C. F. Warrick. 1,920,043; July 25.
- Hurdle. F. E. Austin. 1,907,149; May 2.
- Hurdle. F. E. Austin. 1,910,080; May 23.
- Hydrant. A. N. Volkhardt. 1,937,302; Nov. 28.
- Hydrant wrench. J. W. Richards. 1,907,584; May 9.
- Hydration products from unsaturated hydrocarbons and water, Producing. R. L. Brown and W. W. Odell. 1,907,317; May 2.
- Hydraulic actuating and control valve means. R. A. Schafer. 1,920,596; Aug. 1.
- Hydraulic apparatus. R. W. Dinzel. 1,927,085; Sept. 19.
- Hydraulic apparatus. E. B. Maloon. 1,908,614; May 9.
- Hydraulic apparatus for broaching. G. J. Russell. 1,936,073; Nov. 21.
- Hydraulic brake. J. D. Conger and A. Hitz. 1,932,334; Oct. 24.
- Hydraulic brake. F. E. Flader. 1,926,988; Sept. 12.
- Hydraulic brake. C. E. Furgason. 1,919,465; July 25.
- Hydraulic brake. A. Z. Rash and W. Rogers. 1,923,115; Aug. 22.
- Hydraulic brake. S. W. Rushmore. 1,899,398; Feb. 28.
- Hydraulic brake. A. B. Shantz. 1,896,103; Feb. 7.

- Hydraulic brake. J. Sneed. 1,927,139; Sept. 19.
 Hydraulic brake. F. E. Staats. 1,912,953; June 6.
 Hydraulic brake. H. T. Thomas. 1,915,701; June 27.
 Hydraulic brake for drop hammers. J. Urbaneck and A. Schneider. 1,918,354; July 18.
 Hydraulic clutch. W. O. and W. C. Higby. 1,901,241; Mar. 14.
 Hydraulic clutch. C. H. Kasch. 1,936,627; Nov. 28.
 Hydraulic clutch. E. K. Monroe. 1,905,041; Apr. 25.
 Hydraulic clutch or braking device. F. Henriot. 1,917,972; July 11.
 Hydraulic control mechanism for a machine tool. S. T. Webster. 1,909,155; May 16.
 Hydraulic coupling. J. N. Kiep. 1,910,696; May 23.
 Hydraulic coupling. J. N. Kiep and W. Brose. 1,904,054; Apr. 18.
 Hydraulic coupling. H. Sinclair. 1,937,364; Nov. 28.
 Hydraulic crowder. K. Messick. 1,937,432; Nov. 28.
 Hydraulic curb press. N. J. Allbright. 1,898,116; Feb. 21.
 Hydraulic device for opening and closing after presses and other pressure-applying mechanisms. T. E. Raymond. 1,904,551; Apr. 18.
 Hydraulic feed for machinery. B. S. T. Bishop and E. J. Hirvonen. 1,905,133; Apr. 25.
 Hydraulic gate. E. L. Broome. 1,918,015; July 11.
 Hydraulic gear. S. V. E. Taylor. 1,912,323; May 30.
 Hydraulic gear. H. Thoma. 1,931,969; Oct. 24.
 Hydraulic installation. A. Pfau. 1,922,323; Aug. 15.
 Hydraulic jack. C. F. Bacon. 1,904,115; Apr. 18.
 Hydraulic jack. H. W. Bolens. 1,902,827; Mar. 28.
 Hydraulic jack. B. H. Shinn. 1,940,821; Dec. 26.
 Hydraulic jack. B. H. Shinn. 1,940,823; Dec. 26.
 Hydraulic jack. S. J. Widener. 1,903,887; Apr. 18.
 Hydraulic lift. C. J. Bristol. 1,923,418; Aug. 22.
 Hydraulic lifting mechanism. I. V. K. Hott. 1,903,763; Apr. 18.
 Hydraulic machine. R. V. Terry. 1,907,466; May 9.
 Hydraulic machine. W. M. White. 1,900,144; Mar. 7.
 Hydraulic machine for testing pipes and the like. H. Sondermann. 1,913,008; June 6.
 Hydraulic mechanism. J. O. Almen. 1,903,083; Mar. 28.
 Hydraulic mechanism. J. O. Almen. 1,930,260; Oct. 10.
 Hydraulic mechanism. H. F. Vickers. 1,921,955; Aug. 8.
 Hydraulic meter. J. A. Peck. 1,897,858; Feb. 14.
 Hydraulic motor. W. Ferris and J. K. Douglas. 1,939,887; Dec. 19.
 Hydraulic motor. S. H. Hobson. 1,938,021; Dec. 5.
 Hydraulic operating mechanism. M. W. Carroll. 1,897,002; Feb 7.
 Hydraulic operating system for machine tools. E. P. Burrell. 1,909,165-6; May 16.
 Hydraulic operator. W. J. Woods. 1,901,620; Mar. 14.
 Hydraulic operator. W. J. Woods. 1,902,480; Mar. 21.
 Hydraulic or fluid clutch. J. L. Petroni and C. M. Danielotto. 1,940,918; Dec. 26.
 Hydraulic press. W. Ernst. 1,901,291; Mar. 14.
 Hydraulic press. W. Ernst and H. F. MacMillin. 1,895,710; Jan. 31.
 Hydraulic press. W. Ernst, H. F. MacMillin, and R. Thoreson. 1,899,678; Feb. 28.
 Hydraulic press. W. Ferris. 1,939,886; Dec. 19.
 Hydraulic press. H. J. McKay and P. J. Carlsen. 1,919,070; July 18.
 Hydraulic press. O. Serck. 1,908,794; May 16.
 Hydraulic press. E. Wiedmann. 1,930,155; Oct. 10.
 Hydraulic pump. A. Bizzarri. 1,932,921; Oct. 31.
 Hydraulic pump. F. G. Hehr. 1,904,707; Apr. 18.
 Hydraulic regulator. R. Carlstedt. 1,911,748; May 30.
 Hydraulic sand extractor. R. A. Hill. 1,919,653; July 25.
 Hydraulic servo motor. G. Oplustil. 1,917,055; July 4.
 Hydraulic switch, Four-way. W. J. Hughes. 1,930,557; Oct. 17.
 Hydraulic system. J. Lichtenstein. 1,906,980; May 2.
 Hydraulic system. R. V. Proctor. 1,940,508; Dec. 19.
 Hydraulic system and mechanism therefor. R. E. Flanders. 1,936,756; Nov. 28.
 Hydraulic transmission system. R. Maw. 1,904,496; Apr. 18.
 Hydraulic unit. W. J. Fiegel. 1,915,656; June 27.
 Hydraulic valve gear. G. E. A. Hallett. 1,930,553; Oct. 17.
 Hydraulic valve gear. G. W. Lampman. 1,936,678; Nov. 28.
 Hydrocarbon and metallic sol. Means to produce a. J. C. Arnold. 1,933,836; Nov. 7.
 Hydrocarbon cracking process. F. H. Edson. 1,934,049; Nov. 7.
 Hydrocarbon distillates containing mercaptans, Sweetening. J. C. Morrell. 1,904,382; Apr. 18.
 Hydrocarbon distillates, Decolorizing. S. E. Campbell. 1,938,094; Dec. 5.
 Hydrocarbon distillates; Producing. R. P. Russell. 1,916,441; July 4.
 Hydrocarbon distillates, Treating. R. C. Osterstrom. 1,897,328; Feb. 14.
 Hydrocarbon gases and vapors to obtain finely divided carbon and a mixture of nitrogen and hydrogen in controlled proportions, Dissociating. W. D. Wilcox. 1,918,362; July 18.
 Hydrocarbon material, Coking. H. H. Bailey. 1,915,916; June 27.
 Hydrocarbon material, Decolorizing. S. E. Campbell. 1,907,318; May 2.
 Hydrocarbon material, Separating cracked. N. E. Loomis. 1,899,897; Feb. 28.
 Hydrocarbon materials, Converting. W. Miller, A. Henriksen and P. Zurcher. 1,895,081; Jan. 24.
 Hydrocarbon oils, Apparatus for the treatment of. E. C. Marshall and M. J. Burkhard. 1,918,278; July 18.
 Hydrocarbon oils from high boiling point hydrocarbon oils, Producing low boiling point. H. R. Snow and P. W. Sullivan, jr. 1,918,891; July 18.
 Hydrocarbon oils into lower boiling hydrocarbon oils, Conversion of high-boiling. W. E. Warwick. 1,920,331; Aug. 1.
 Hydrocarbon oils, Refining and purification of. J. C. Morrell. 1,920,270; Aug. 1.
 Hydrocarbon oils, Treating. O. Behimer. 1,923,526; Aug. 22.
 Hydrocarbon oils, Treatment of. C. W. Mackay. 1,918,766; July 18.
 Hydrocarbon or other liquids, Apparatus for distilling. E. F. Skinner. 1,932,712; Oct. 31.
 Hydrocarbon, Preparation of a. L. Gubelmann and C. O. Henke. 1,926,677; Sept. 12.
 Hydrocarbon product, Refining of. T. T. Gray. 1,937,113; Nov. 28.
 Hydrocarbon products, Continuous process of treating. W. Lelgemann. 1,936,633; Nov. 28.
 Hydrocarbon products, Continuously treating. W. Lelgemann. 1,936,539; Nov. 21.
 Hydrocarbon products, Production of. M. Pier and K. Wissel. 1,931,001; Nov. 7.
 Hydrocarbon products, Production of low boiling. M. Pier, K. Winkler, and W. Simon. 1,917,324; July 11.
 Hydrocarbon, Purification of a crude. M. Harder and W. Dietrich. 1,935,207; Nov. 14.
 Hydrocarbon vapors, Apparatus for treating. W. F. Sims and V. U. Cloer. 1,918,670; July 18.
 Hydrocarbon vapors, Apparatus for treating. W. F. Sims and V. U. Cloer. 1,930,372; Oct. 10.
 Hydrocarbons and derivative thereof by the destructive hydrogenation of carbonaceous materials, Liquid and other. M. Pier and W. Simon. 1,938,542; Dec. 5.
 Hydrocarbons and hydrogen, Production of unsaturated gaseous. G. Wietzel and A. Starke. 1,892,973; Jan. 3.
 Hydrocarbons and the like, Sulphonation of oxidation products of. M. Luther and H. Wille. 1,909,295; May 16.
 Hydrocarbons, Apparatus for altering the boiling points of. R. E. Burk and E. B. McConnell. 1,917,357; July 11.
 Hydrocarbons, Apparatus for condensing. J. C. Mahoney. 1,918,608; July 18.
 Hydrocarbons, Apparatus for cracking. H. L. Pelzer and E. C. Herthel. 1,910,048; May 23.
 Hydrocarbons, Apparatus for cracking. M. J. Trumble and W. L. Seeley. 1,938,877; Dec. 12.
 Hydrocarbons, Apparatus for treating. J. C. Black. 1,908,106; May 9.
 Hydrocarbons, Apparatus for treating. S. R. Bolles. 1,904,196; Apr. 18.
 Hydrocarbons, Apparatus for treating. W. M. Cross. 1,919,320; July 25.
 Hydrocarbons, Apparatus for treating. W. M. Cross. 1,920,930; Aug. 1.
 Hydrocarbons, Apparatus for treating. H. T. Darlington. 1,896,165; Feb. 7.
 Hydrocarbons, Apparatus for treating. W. R. Howard. 1,924,859; Aug. 29.
 Hydrocarbons, Apparatus for treating. E. J. McKee and R. R. Rakestraw. 1,927,042; Sept. 19.
 Hydrocarbons, Art of and apparatus for converting. W. L. Gomory. 1,933,108; Oct. 31.
 Hydrocarbons, Art of and apparatus for converting. W. L. Gomory. 1,934,056; Nov. 7.
 Hydrocarbons, Catalytic conversion of. G. Wietzel, W. Haller, and W. Hennicke. 1,934,836; Nov. 14.
 Hydrocarbons, Coking. A. S. Knowles and C. W. Andrews. 1,906,864; May 2.
 Hydrocarbons, Coking. A. C. Vobach and H. K. Rogers. 1,935,067; Nov. 14.
 Hydrocarbons, Coking and gasification of. A. S. Knowles and C. W. Andrews. 1,906,863; May 2.
 Hydrocarbons, Conversion of. J. G. Alther. 1,930,221; Oct. 10.
 Hydrocarbons, Conversion of. G. S. Dunham. 1,913,049; June 6.
 Hydrocarbons, Conversion of. E. F. Nelson. 1,902,808; Mar. 21.
 Hydrocarbons, Conversion of. H. C. Weber and W. H. McAdams. 1,923,289; Aug. 22.
 Hydrocarbons, Cracking. G. Egloff. 1,896,226; Feb. 7.
 Hydrocarbons, Cracking. G. Egloff. 1,896,228; Feb. 7.
 Hydrocarbons, Cracking. E. C. Herthel. 1,900,110; Mar. 7.
 Hydrocarbons, Desulphurization of crude aromatic. F. W. Guthke. 1,897,798; Feb. 14.
 Hydrocarbons from carbonaceous materials which are in the liquid state, Production of valuable. M. Pier, E. Anthes, and K. Winkler. 1,895,769; Jan. 31.
 Hydrocarbons from heavy hydrocarbons, Obtaining refined. R. T. Haslam. 1,940,050; Dec. 19.
 Hydrocarbons from higher boiling hydrocarbons through the action of hydrogen at elevated temperatures, Producing low boiling. R. T. Haslam. 1,934,062; Nov. 7.
 Hydrocarbons from liquid hydrocarbons, Separating solid. C. A. Ward. 1,936,181; Nov. 21.

- Hydrocarbons from olefines, Production of liquid. F. Winkler and H. Haeuber. 1,894,255; Jan. 10.
- Hydrocarbons having a high boiling point into hydrocarbons having a lower-boiling point by destructive hydrogenation, Conversion of. R. H. Griffith. 1,938,328; Dec. 5.
- Hydrocarbons having a high carbon content from hydrocarbons having a low carbon content, Producing. F. Fischer and H. Pichler. 1,940,209; Dec. 19.
- Hydrocarbons, Heating. W. R. Argyle and W. J. Taylor. 1,914,355; June 20.
- Hydrocarbons, Hydrogenating or dehydrogenating. W. F. Huppke and F. E. Frey. 1,905,383; Apr. 25.
- Hydrocarbons, Hydrogenation of. W. S. Calcott, A. S. Carter, and F. B. Downing. 1,903,501; Apr. 11.
- Hydrocarbons, Hydrogenation of. A. Spilker. 1,898,966; Feb. 21.
- Hydrocarbons in a metal bath, Cracking. T. Seifer. 1,926,563; Sept. 12.
- Hydrocarbons into lighter hydrocarbons, Converting heavy. A. E. Harnsberger and C. L. Smith. 1,901,593; Mar. 14.
- Hydrocarbons, Method and apparatus for distillation of. C. D. Gard. 1,924,602; Aug. 29.
- Hydrocarbons, Method and apparatus for rectification of. C. D. Gard. 1,930,166; Oct. 10.
- Hydrocarbons of high boiling point into those of low boiling point, Conversion of. E. Galle, W. Rosinsky, and G. Hofmann. 1,923,571; Aug. 22.
- Hydrocarbons of high boiling point into those of low boiling point, Conversion of. A. Mittasch, G. Stern, and E. Galle. 1,922,491; Aug. 15.
- Hydrocarbons of high molecular weight, Production of liquid unsaturated. W. Pungs and H. Rabe. 1,923,583; Aug. 22.
- Hydrocarbons of relatively light color and product thereof, Producing polymerized unsaturated. J. Hyman. 1,919,722; July 25.
- Hydrocarbons of the benzene series, Manufacture of. R. Wietzel and C. Pfaundler. 1,910,910; May 23.
- Hydrocarbons, Oxidizing. G. Erlöff. 1,939,255; Dec. 12.
- Hydrocarbons, Oxidizing gaseous. J. E. Blutworth. 1,923,610; Aug. 22.
- Hydrocarbons, Preparation of unsaturated. W. O. Herrmann and E. Baum. 1,898,301; Feb. 21.
- Hydrocarbons, Preparing. I. Gubelmann and C. O. Henke. 1,926,676; Sept. 12.
- Hydrocarbons, Process and apparatus for cracking. R. Tillmann. 1,896,986; Feb. 7.
- Hydrocarbons, Process and apparatus for treating. H. J. Halle. 1,900,105; Mar. 7.
- Hydrocarbons, Process and apparatus for treating. J. Perl. 1,923,278; Aug. 22.
- Hydrocarbons, Process and apparatus for treating. A. D. Smith. 1,923,016; Aug. 15.
- Hydrocarbons, Process and apparatus for treating heavier. N. H. Ranstead. 1,934,004; Nov. 7.
- Hydrocarbons, Producing diaryl. J. N. Carothers. 1,907,498; May 9.
- Hydrocarbons, Production of. E. Dorrer. 1,908,286; May 9.
- Hydrocarbons, Production of. A. Mittasch, M. Pier, R. Wietzel, and H. Lanzheinfried. 1,913,940-1; June 13.
- Hydrocarbons, Production of chlorinated. T. S. Wheeler and J. Mason. 1,918,624; July 18.
- Hydrocarbons, Production of liquid. M. Pier and E. Anthes. 1,894,257; Jan. 10.
- Hydrocarbons, Production of valuable. M. Dunkel and E. Dorrer. 1,937,554; Dec. 5.
- Hydrocarbons, Production of valuable. W. Gaus and M. Pier. 1,932,174; Oct. 24.
- Hydrocarbons, Production of valuable. M. Pier. 1,921,477; Aug. 8.
- Hydrocarbons, Production of valuable. M. Pier. 1,938,086; Dec. 5.
- Hydrocarbons, Production of valuable. M. Pier and K. Winkler. 1,932,673; Oct. 31.
- Hydrocarbons, Production of valuable liquid. M. Pier. 1,921,478; Aug. 8.
- Hydrocarbons, Refining. G. C. Connolly. 1,909,811; May 16.
- Hydrocarbons, Refining. T. T. Gray. 1,901,158; Mar. 14.
- Hydrocarbons, Refining. E. C. Herthel. 1,908,606; May 9.
- Hydrocarbons, Refining. E. C. Herthel. 1,924,687; Aug. 29.
- Hydrocarbons, Refining. O. G. Kaasa. 1,923,150; Aug. 22.
- Hydrocarbons, Selective oxidation of. S. P. Burke and C. F. Fryling. 1,911,746; May 30.
- Hydrocarbons, Separation of hydrogenated. E. J. Gohr. 1,934,055; Nov. 7.
- Hydrocarbons, Splitting. A. J. van Peski. 1,925,421; Sept. 5.
- Hydrocarbons, Stabilization of halogenated. C. R. Harris. 1,904,450; Apr. 18.
- Hydrocarbons, Stabilizing chlorinated aliphatic. L. C. Stewart and L. De Free. 1,917,073; July 4.
- Hydrocarbons, Treating. H. T. Darlington. 1,896,166; Feb. 7.
- Hydrocarbons, Treating. G. Egloff. 1,908,133; May 9.
- Hydrocarbons, Treating. E. J. Gohr. 1,904,133; Apr. 18.
- Hydrocarbons, Treating. E. E. Stewart. 1,905,071; Apr. 25.
- Hydrocarbons, Treating low boiling. H. Rostin. 1,904,172; Apr. 18.
- Hydrocarbons, Treatment of. W. R. Howard. 1,900,113; Mar. 7.
- Hydrocarbons, Treatment of. C. D. Looker and E. B. Kester. H. B. Hass, and W. Z. Friend. 1,923,630; Aug. 22.
- Hydrocarbons, Treatment of heavy. A. Fisher. 1,912,629; June 6.
- Hydroelectric installation. R. Blom. 1,921,905; Aug. 8.
- Hydroelectric power generator. K. F. Marx. 1,922,055; Aug. 15.
- Hydrogen and carbon monoxide, Producing. M. de Simo. 1,899,184; Feb. 28.
- Hydrogen and gas mixtures containing the same, Production of. O. Eisenhut. 1,898,527; Feb. 21.
- Hydrogen chloride or hydrogen bromide or their corresponding acid solutions, Manufacture of. W. Bauer. 1,905,432; Apr. 25.
- Hydrogen cyanide, Producing. T. S. Wheeler. 1,934,610; Nov. 7.
- Hydrogen from hydrocarbon gases, Producing. W. V. Hanks and J. K. Small. 1,915,362; June 27.
- Hydrogen from hydrocarbon gases, Production of. G. H. Freyermuth. 1,904,439; Apr. 18.
- Hydrogen from hydrocarbon gases, Production of. W. V. Hanks and G. H. Freyermuth. 1,915,363; June 27.
- Hydrogen from refinery and other hydrocarbon gases, Production of. G. H. Freyermuth, J. K. Small, and W. V. Hanks. 1,904,441; Apr. 18.
- Hydrogen halide to acetylene, Adding. W. O. Herrmann and E. Baum. 1,919,836; July 25.
- Hydrogen, Making commercial. G. A. Perley. 1,896,916; Feb. 7.
- Hydrogen, Manufacture of. P. L. Young, W. V. Hanks, and G. H. Freyermuth. 1,904,592; Apr. 18.
- Hydrogen, Manufacture of industrial. J. A. Yunker. 1,901,885; Mar. 21.
- Hydrogen-nitrogen gas mixtures, Production of. J. A. Yunker. 1,901,884; Mar. 21.
- Hydrogen or oxygen containing groups from organic compounds, Catalytic removal of. A. O. Jaeger. 1,892,766; Jan. 3.
- Hydrogen or oxygen containing groups from organic compounds, Catalytic removal of. A. O. Jaeger. 1,930,053; Oct. 10.
- Hydrogen peroxide by distillation, Apparatus for obtaining. J. Müller. 1,924,954; Aug. 29.
- Hydrogen peroxide, Manufacture of. J. B. Pierce, jr. 1,919,036; July 18.
- Hydrogen peroxide, Producing. F. Boedecker and J. Seemann. 1,937,682; Dec. 5.
- Hydrogen preparation. V. Voorhees. 1,904,908; Apr. 18.
- Hydrogen, Preparation of. W. L. Spalding. 1,935,675; Nov. 21.
- Hydrogen, Producing. F. M. Pyzel. 1,896,420; Feb. 7.
- Hydrogen production. R. Williams. 1,938,202; Dec. 5.
- Hydrogen, Production of. F. Hansgirt. 1,926,587; Sept. 12.
- Hydrogen, Production of. W. Hennicka. 1,931,492; Oct. 24.
- Hydrogen, Recovery of. G. Hornung. 1,933,734; Nov. 7.
- Hydrogen, Separation of. M. Pier and E. Donath. 1,938,087; Dec. 5.
- Hydrogen sulphide and ammonia from gases, Removal of. C. J. Hansen. 1,932,820; Oct. 31.
- Hydrogen sulphide from gas mixtures and for the recovery of elemental sulphur, Removal of. W. J. Edmonds and O. H. Dawson. 1,904,424; Apr. 18.
- Hydrogen sulphide from gases, Removal of. D. L. Jacobson. 1,900,398; Mar. 7.
- Hydrogen sulphide from gases, Removal of. F. L. Melvill. 1,925,198; Sept. 5.
- Hydrogen sulphide from gases, Removing. G. M. Ford and O. H. Schoenwald. 1,930,875; Oct. 17.
- Hydrogen sulphide from natural gas, Removing. A. P. Thompson. 1,922,872; Aug. 15.
- Hydrogen sulphide from refinery gases, Extracting. C. R. Wagner. 1,918,153; July 11.
- Hydrogen sulphide into sulphur, Method and apparatus for converting. B. H. Lincoln. 1,901,249; Mar. 14.
- Hydrogen sulphide, Producing. G. Lynn, E. M. Allen, and B. K. Beecher. Re18,902; July 25.
- Hydrogenating apparatus. E. J. Lush. 1,892,732; Jan. 3.
- Hydrogenating apparatus. J. Maruhn and L. Tubben. 1,911,909; May 30.
- Hydrogenation. N. D. Scott and P. E. Weston. 1,914,870; June 20.
- Hydrogenation and distillation, Method and apparatus for. E. M. Clark. 1,902,015; Mar. 21.
- Hydrogenation of solid carbonaceous material, Destructive. C. F. R. Harrison and H. W. Strong. 1,919,108; July 18.
- Hydrogenation process and catalyst therefor. O. G. Bennett. 1,893,155; Jan. 3.
- Hydrometer. C. O. Fairchild and R. M. Wilhelm. 1,935,703; Nov. 21.
- Hydrometer. R. Schroder. 1,898,903; Feb. 21.
- Hydrometer float. H. E. Christie and K. W. Crouse. 1,935,564; Nov. 14.
- Hydrometric apparatus. C. L. Burdick. 1,932,012; Oct. 24.
- Hydroplane. E. Wesnigk. 1,923,958; Aug. 22.

- Hydro pneumatic motor. C. Merchie. 1,926,296; Sept. 12.
- Hydroquinone, Isolating and purifying. E. C. Britton, S. L. Bass, and N. Elliott. 1,908,817; May 16.
- Hydroquinone, Making. E. C. Britton, S. L. Bass, and N. Elliott. 1,934,656; Nov. 7.
- Hydroquinone, Manufacture of halogenated. H. Von Bramer and J. W. Zabriskie. 1,912,744; June 6.
- Hydrostatic fuel gauge. E. F. Bacon and C. B. Dinsmore. 1,916,188; July 4.
- Hydrostatic pump. F. D. Pagliuchi. 1,893,440; Jan. 3.
- Hydroxide and resulting products, Making ferric. A. E. Sharples. 1,913,962; June 13.
- Hydroxy-alkyl-triphenylmethane derivatives. New. M. Weiler, K. Berres, B. Wenk, and H. Stötter. 1,910,488; May 23.
- Hydroxybenzocarbozoles and preparing them. New. O. Limpach, K. Hager, A. Schmelzer, and F. Ballauf. 1,911,699; May 30.
- Hydroxy-compounds, Alkylation of organic. F. Hofmann and C. Wulff. 1,898,627; Feb. 21.
- Hydroxy-diphenylindoles. F. Ballauf and A. Schmelzer. 1,906,221; May 2.
- Hydroxyethylamino-derivatives of the anthraquinone series and making same. H. Hauser and M. Bommer. 1,911,816; May 30.
- Hydroxy-thionaphthene compound. N. Steiger and W. Brunner. 1,938,053; Dec. 5.
- Hydroxy-thionaphthene compounds. New. J. Hallen. 1,913,484; June 13.
- Hydroxy-W-amino acetophenones, Manufacturing substituted. H. Legerlotz. 1,926,952; Sept. 12.
- Hydroxylic compounds, Production of. J. W. C. Crawford and F. G. Willson. 1,910,679; May 23.
- Hygrometer. R. G. Bateson. 1,903,617; Apr. 11.
- Hygrometer. K. C. D. Hickman. 1,933,803; Nov. 7.
- Hygrometer. J. L. Schwartz. 1,933,283; Oct. 31.
- Hygrostat. R. Miller. 1,926,730; Sept. 12.
- Hygrostatic control. W. C. Goss. 1,920,502; Aug. 1.
- Hydrometric implement. M. J. Eisenberg. 1,930,929; Oct. 17.
- Ice blocks, Scoring. R. H. Roark. Re18,964; Oct. 3.
- Ice bunker for refrigerator cars. A. E. Mackey. 1,923,319; Aug. 22.
- Ice carrier. W. A. Bailer. 1,938,478; Dec. 5.
- Ice cream and making the same. C. W. Vogt. 1,940,109; Dec. 19.
- Ice cream and preparing same. W. O. Herrmann and W. Haehnel. 1,921,124; Aug. 8.
- Ice cream article forming machine, Conical. V. M. Orear and H. J. Otto. 1,909,003; May 16.
- Ice-cream attachment and mixer for mechanical refrigerators. L. G. Modlin. 1,930,941; Oct. 17.
- Ice cream bars, sticks, or the like, Method and apparatus for making. W. Maurer. 1,900,355; Mar. 7.
- Ice cream cone. J. Balton. Des. 89,732-3; May 2.
- Ice cream cone. J. Balton. 1,915,210; June 20.
- Ice cream cone. S. G. Hopkins. 1,893,941; Jan. 10.
- Ice cream cone. F. C. Horton. 1,939,450; Dec. 12.
- Ice cream cone. S. S. Leaf. Des. 90,623-4; Sept. 5.
- Ice cream cone. S. S. Leaf. Des. 90,951; Oct. 31.
- Ice-cream cone. S. S. Leaf. Des. 91,139; Dec. 5.
- Ice cream cone. S. S. Leaf. Des. 91,207; Dec. 19.
- Ice cream cone. S. S. Leaf. Des. 91,241; Dec. 26.
- Ice cream cone. J. Notkin. 1,931,413; Oct. 17.
- Ice-cream cone. D. Perella. Des. 91,177; Dec. 12.
- Ice cream cone. J. Schoenfeld. 1,894,545; Jan. 17.
- Ice-cream cone. J. Schoenfeld. 1,938,113; Dec. 5.
- Ice-cream cone. W. B. S. Woodward. Des. 91,050; Nov. 14.
- Ice cream cone carrier. A. C. Werner. 1,927,600; Sept. 19.
- Ice cream cone machine. E. Shalom and J. Matalon. 1,924,463; Aug. 29.
- Ice cream confection. E. N. Snodgrass. 1,898,148; Feb. 21.
- Ice cream container. H. H. Harrod. 1,902,072; Mar. 21.
- Ice-cream dispenser. W. Brubaker. 1,930,037; Oct. 10.
- Ice cream dispenser. A. D. Marros. 1,916,521; July 4.
- Ice cream dispensing machine. A. Johnson. 1,909,541; May 16.
- Ice cream figure, Chocolate covered. S. Oprean. 1,913,851; June 13.
- Ice cream for diabetics. R. H. Haskins and R. H. Haskins, Jr. 1,933,732; Nov. 7.
- Ice cream holder. J. A. Brown. 1,906,528; May 2.
- Ice cream in an electric refrigerator, Making. A. R. Gifford. 1,898,724; Feb. 21.
- Ice cream lift. D. C. Russell and H. B. Woerner. 1,910,477; May 23.
- Ice-cream lift. H. B. Woerner and D. C. Russell. 1,931,366; Oct. 17.
- Ice cream making. M. Arimoto. 1,917,483; July 11.
- Ice-cream method and machine. G. H. White. 1,938,880; Dec. 12.
- Ice cream mixer. E. L. Steward. 1,920,605; Aug. 1.
- Ice cream or confection container. J. E. Hogue. 1,903,764; Apr. 18.
- Ice cream or the like, Apparatus for and method of making. T. H. Swisher. 1,916,746; July 4.
- Ice cream shipping bag. R. McKee. 1,922,485; Aug. 15.
- Ice cream wrappers, Apparatus for forming removable. R. Anders. 1,900,033; Mar. 7.
- Ice creeper. E. W. Dunn. 1,935,944; Nov. 21.
- Ice cube carrier. G. F. Kearney. 1,928,594; Sept. 26.
- Ice cube pan. M. K. Buchanan and A. G. Horton. 1,932,689; Oct. 31.
- Ice cubes, Apparatus for forming. J. E. Spalding. 1,896,756; Feb. 7.
- Ice delivery bag. R. J. Hancock and J. L. L. Garrison. 1,904,729; Apr. 18.
- Ice forming device. H. B. Rudd. 1,920,526; Aug. 1.
- Ice grip nonskid. T. A. Master and L. D'Angelo. 1,899,517; Feb. 28.
- Ice in plates, Apparatus for manufacturing. H. J. Spaan. 1,921,549; Aug. 8.
- Ice machine. W. H. Taylor. 1,930,570; Oct. 17.
- Ice machine. R. Velut. 1,925,616; Sept. 5.
- Ice machine compressor. G. L. Pownall. 1,910,636; May 23.
- Ice making apparatus. A. H. Baer. 1,941,198; Dec. 26.
- Ice making apparatus. W. H. Taylor. 1,930,569; Oct. 17.
- Ice making apparatus, Artificial. G. L. Pownall. 1,906,412; May 2.
- Ice, Method and apparatus for making carbon dioxide. F. R. Zumbro. 1,925,619; Sept. 5.
- Ice, Method of and apparatus for making chip. A. M. Barrett and L. N. Udell. 1,936,575; Nov. 28.
- Ice pack receptable. D. Stern. 1,898,320; Feb. 21.
- Ice, Producing artificial. G. L. Pownall. 1,936,770; Nov. 28.
- Ice-remover for windshields. J. H. Broderick. 1,900,540; Mar. 7.
- Ice rink structure. M. R. Carpenter. 1,917,634; July 11.
- Ice-shaving machine. H. L. Weigel. 1,935,104; Nov. 14.
- Ice shield. L. H. Davis. 1,897,304; Feb. 14.
- Ice, Auto. I. C. Furniss. 1,926,767; Sept. 12.
- Identification, Art and means of. F. F. Peacock. 1,916,282; July 4.
- Identification card holder. M. E. Wetherell. Des. 90,040; May 30.
- Identification device. J. M. Rulong. 1,910,476; May 23.
- Identification device for umbrellas or the like. T. R. Lulham. 1,929,320; Oct. 3.
- Identification device or marker for cooperating with snap fasteners. L. Barnett. 1,912,881; June 6.
- Identification device, Ownership. M. Wasserberg. 1,902,001; Mar. 21.
- Identification, Method and means for. L. J. Arpin. 1,906,129; Apr. 25.
- Identification system. R. H. Casswell. 1,893,225; Jan. 3.
- Idler gear. R. E. Bevil. 1,910,083; May 23.
- Igniter. F. R. Belt. 1,934,908; Nov. 14.
- Igniter. A. F. Cox. 1,898,991; Feb. 21.
- Igniter and control device for ovens. W. S. Valmore. 1,926,218; Sept. 12.
- Igniter for gas burners, Safety. A. Wild. 1,933,129; Oct. 31.
- Ignition apparatus. J. L. Arthur. 1,895,119; Jan. 24.
- Ignition apparatus. C. H. Davis, Jr. 1,907,512-14; May 9.
- Ignition apparatus. C. H. Davis, Jr. 1,907,516; May 9.
- Ignition apparatus. C. H. Davis, Jr. 1,939,438-9; Dec. 12.
- Ignition apparatus. C. H. Davis, Jr., and H. L. Hartzell. 1,907,515; May 9.
- Ignition apparatus. J. B. Dyer. 1,941,342; Dec. 26.
- Ignition apparatus. J. T. Fitzsimmons. 1,928,221-2; Sept. 26.
- Ignition apparatus. F. H. Prescott and J. L. Arthur. 1,905,054; Apr. 25.
- Ignition apparatus. Dynamo-electric. F. Allendorf. 1,905,580; Apr. 25.
- Ignition apparatus. Flywheel magneto. W. Walther. 1,916,700; July 4.
- Ignition apparatus, Magneto-electric. J. Bohli. 1,923,184; Aug. 22.
- Ignition coil. F. Yoerger. 1,896,932; Feb. 7.
- Ignition coil and controlling device therefor. W. E. Schwarzmann. 1,916,694; July 4.
- Ignition composition. H. A. Lewis. 1,918,920; July 18.
- Ignition control apparatus. M. Rall and W. Walther. 1,941,187; Dec. 26.
- Ignition control lock. C. N. Fairchild. 1,922,574; Aug. 15.
- Ignition device. L. Beeh and W. E. Schwarzmann. 1,922,655; Aug. 15.
- Ignition device for aircraft engines. E. Klaiber. 1,901,846; Mar. 14.
- Ignition device for gas burners. O. J. Leins. 1,937,658; Dec. 5.
- Ignition device for gas stoves. C. E. Methudy. 1,909,298; May 16.
- Ignition device for oil burning apparatus. H. F. Rodler. 1,931,083; Oct. 17.
- Ignition device, Magneto electric. E. Eisemann. 1,915,655; June 27.
- Ignition device, Starting. M. Rall. 1,922,779; Aug. 15.
- Ignition distributor, Adjustable. E. Fibish. 1,939,807; Dec. 19.
- Ignition magneto. G. Fossati. 1,913,801; June 13.
- Ignition means. W. E. Miller. 1,896,675; Feb. 7.
- Ignition means for oil burners. L. F. Spear. 1,920,115; July 25.
- Ignition mechanism. H. C. Walters. 1,940,614; Dec. 19.
- Ignition system. H. C. Heaton. 1,931,225; Oct. 17.
- Ignition system. L. B. Sauer. 1,924,292; Aug. 29.
- Ignition system for gas burners. R. H. Maurer. 1,901,251; Mar. 14.
- Ignition system, High tension. F. D. Nuttall. 1,900,022; Mar. 7.

- Ignition system of internal combustion engines. W. Dorn. 1,911,147; May 23.
- Ignition system of internal combustion engines. A. G. Forsyth. 1,933,423; Oct. 31.
- Ignition terminal. Spark plug. F. G. Shoemaker. 1,902,382; Mar. 21.
- Ignition timer. M. Mallory. 1,896,714; Feb. 7.
- Ignition timer. J. F. Martin. 1,907,428; May 9.
- Ignition timer. J. F. Martin. 1,917,046; July 4.
- Ignition timer and coil, Combined. J. F. Martin. 1,934,199; Nov. 7.
- Ignition timer breaker mechanism. F. T. Irgens. 1,899,965; Mar. 7.
- Ignition timing device. M. Mallory. 1,926,781; Sept. 12.
- Ignition timing device for low speeds. M. Mallory. 1,897,703; Feb. 14.
- Illuminant burning with a multicolored flame. R. Koster. 1,923,313; Aug. 22.
- Illuminated control system. R. B. Hunter. 1,938,427; Dec. 5.
- Illuminated display. R. N. Henderson. 1,923,309; Aug. 22.
- Illuminated display. F. Lebins. 1,910,702; May 23.
- Illuminated display. Changeable. L. O. Glatzner. 1,904,132; Apr. 18.
- Illuminated display device. I. M. Haag. 1,935,557; Nov. 14.
- Illuminated display device. O. R. Messner and E. Lough. 1,915,236; June 20.
- Illuminated gauge. J. W. Motherwell. 1,915,942; June 27.
- Illuminated sign. H. J. Banse. 1,915,511; June 27.
- Illuminated sign. F. B. Crosby. 1,913,585; June 13.
- Illuminated sign. H. J. Cudney. 1,900,758; Mar. 7.
- Illuminated sign. L. B. Dwyer and E. Drallmeier. 1,894,857; Jan. 17.
- Illuminated sign. D. Hilgenberg. 1,930,359; Oct. 10.
- Illuminated sign. W. B. Piper. 1,894,704; Jan. 17.
- Illuminated sign. M. G. Rupp. 1,936,734; Nov. 28.
- Illuminated sign. F. J. Scharringhausen. 1,931,742; Oct. 24.
- Illuminated sign. F. C. Sutcliffe. 1,903,537; Apr. 11.
- Illuminated sign, Animated. G. A. Wing. 1,920,826; Aug. 1.
- Illuminating apparatus. F. Newman. 1,918,123; July 11.
- Illuminating apparatus. F. C. Winkler. 1,915,842; June 27.
- Illuminating appliance. N. C. Amen. 1,938,002; Dec. 5.
- Illuminating attachment for specula. F. C. Wappler. 1,913,780; June 13.
- Illuminating device. R. E. Barclay. 1,937,137; Nov. 28.
- Illuminating device. R. Howe. 1,936,762; Nov. 28.
- Illuminating device. W. R. Koch. 1,929,173; Oct. 3.
- Illuminating device. G. Kuhn. 1,894,876; Jan. 17.
- Illuminating device and manufacturing same. J. C. Asch. 1,923,807; Aug. 22.
- Illuminating device for hydrometers and the like. C. R. Carlson. 1,924,024; Aug. 22.
- Illuminating device for sewing machines or the like. C. W. H'Doubler. 1,924,157; Aug. 29.
- Illuminating lamp. F. Jaedicke. 1,936,478; Nov. 21.
- Illuminating means. M. H. Egan. 1,899,085; Feb. 28.
- Illuminating microscopic objects, Device for. R. Straubel. 1,927,854; Sept. 26.
- Illuminating objects to be reproduced, Apparatus for. E. Weisker. 1,905,538; Apr. 25.
- Illuminating sign. W. K. Wiley and H. J. Cudney. 1,900,747; Mar. 7.
- Illuminating unit for swimming pools. E. A. Horn. 1,909,404; May 16.
- Illumination. R. E. Barclay. 1,937,138; Nov. 28.
- Illumination. W. Cook and E. S. Lewis. 1,931,343; Oct. 17.
- Illumination apparatus. R. E. Marbury. 1,940,872; Dec. 26.
- Illumination, Apparatus for varying. F. Twyman. 1,930,137; Oct. 10.
- Illumination control system. A. E. Bailey, Jr. 1,899,548-9; Feb. 28.
- Illumination for automobiles. System of selective road. W. A. Rush. 1,917,66; July 11.
- Illumination, Method and system of. R. N. Falge. 1,924,714; Aug. 29.
- Illumination system. H. B. Marsh. 1,911,911; May 30.
- Illuminator for microscopes, Opaque. M. Berek. 1,940,290; Dec. 19.
- Illusion device. R. J. Kidd. 1,929,359; Oct. 3.
- Illusory effects, Production of. T. H. Farris. 1,917,246; July 11.
- Illustration, Self-erecting. J. H. Dulin and H. B. Lentz. 1,913,797; June 13.
- Image plate holding chamber for apparatus for measuring photographs. W. Bauersfeld and O. von Gruber. 1,921,647; Aug. 8.
- Images in television, Scanning. R. Barthelemy and J. Le Duc. 1,928,553; Sept. 26.
- Images obtained by a negative diazotype process, Fixing of. K. J. J. and L. P. F. van der Grinten. 1,926,322; Sept. 12.
- Images of two different contrasts on a single film with a single development, Obtaining. J. G. Capstaff. 1,930,141; Oct. 10.
- Images on metallic surfaces, Reproducing. J. P. Brockway. 1,902,213; Mar. 21.
- Images such as are used in color photography, Method of and apparatus for taking and projecting multiple. W. Thorne. 1,909,731; May 16.
- Imides of dicarboxylic acids, Manufacture of. A. O. Jaeger, L. C. Daniels, and H. J. West. 1,919,889; July 25.
- Imides of ketones, Making. E. C. Britton and F. Bryner. 1,938,890; Dec. 12.
- Impacting machine. L. R. MacKenzie. 1,894,408; Jan. 17.
- Impeller. H. E. Perlain. 1,929,823; Oct. 10.
- Impeller. W. J. Woods. 1,919,970; July 25.
- Impeller for blowers. F. V. Burman. 1,892,930; Jan. 3.
- Impeller for dish-washing machines and the like. H. G. Davis. 1,934,970; Nov. 14.
- Impeller for flotation machines. J. P. Ruth, Jr. 1,895,523; Jan. 31.
- Impeller for water craft. R. D. Strout. 1,925,912; Sept. 5.
- Impeller wheel. M. Weber. Des. 91,001; Nov. 7.
- Impelling mechanism for feeding and cutting. F. H. Mayoh. 1,938,920; Dec. 12.
- Implement attachment for tractors. W. L. Beall. 1,940,992; Dec. 26.
- Implement attachment for tractors. W. F. Strehlow. 1,906,431; May 2.
- Implement for applying tufting buttons to mattresses or the like. W. B. Mathewson. 1,936,726; Nov. 28.
- Implement for cleaning disk knives. O. R. Deckert. 1,899,433; Feb. 28.
- Implement for playing an improved game of skill. R. D. Ogden. 1,930,281; Oct. 10.
- Implement for playing the game of cat. E. Warner. 1,903,539; Apr. 11.
- Implement for removing snow and like work. S. Young. 1,927,196; Sept. 19.
- Implement for slicing meats, vegetables, and so on. H. Syfrig. 1,893,113; Jan. 3.
- Implement handle. H. B. Curtis. Des. 88,859; Jan. 3.
- Implement handle. C. A. M. Massino. 1,925,053; Aug. 29.
- Implement hitch. A. E. W. Johnson. 1,906,753; May 2.
- Implement hitch for cultivators. J. Coltharp. 1,930,893; Oct. 17.
- Implement molder. A. I. Platt. 1,906,874; May 2.
- Impregnated product and making the same. F. Groff. 1,919,697; July 25.
- Impregnated product and manufacture. H. J. Rose and W. H. Hill. 1,916,333; July 4.
- Impregnating and adhesive composition. W. Pungs. 1,916,584; July 4.
- Impregnating coarsely fibrous materials to be worked up into building elements, Apparatus for. K. Erdmann. 1,918,462; July 18.
- Impregnating or coating of porous articles. P. Klein, F. Gabor, and L. Kaunitz. 1,909,364; May 16.
- Impregnation for preserving wood by treatment of living standing trees. H. Hanegger. 1,927,776; Sept. 19.
- Impregnation process. G. G. Heghinian. 1,923,726; Aug. 22.
- Impression coating machine. F. D. Kinney. 1,926,152; Sept. 12.
- Impression compound. C. E. Kellner. 1,930,391; Oct. 10.
- Impression-transferring apparatus. G. von Webern. 1,934,751; Nov. 14.
- Impressions, Apparatus for translating. R. E. Naumburg. 1,921,000; Aug. 8.
- Imprinting machine. H. L. Vanderwerp. 1,923,596; Aug. 22.
- Impulse receiving system. G. A. Locke. 1,934,364; Nov. 7.
- Impulse storage mechanism. C. E. Stewart. 1,919,992; July 25.
- Impulse timer. H. D. Garretson. 1,902,228; Mar. 21.
- Impulse transmission system. T. A. McCann. 1,900,992; Mar. 14.
- Impulse transmitting arrangement. R. Trechcinski. 1,908,574; May 9.
- Impulses, System for recording. F. Rieber. 1,926,406; Sept. 12.
- Impurities contained in vegetable and animal oils and fats, Eliminating the. W. Gensecke. 1,928,531; Sept. 26.
- Impurities from cellulose and other similar fiber pulps, Method and apparatus for removal of mechanical. A. Lampen. 1,926,546; Sept. 12.
- Incandescent anode lamp. C. F. Jenkins. 1,931,658; Oct. 24.
- Incandescent lamp. R. N. Falge and C. E. Godley. 1,913,196; June 6.
- Incandescent lamp. H. W. Parker. 1,936,854; Nov. 28.
- Incandescent lamp. E. C. Smally. Re18,974; Oct. 24.
- Incandescent lamp. E. C. Smally. 1,906,188; Apr. 25.
- Incense. W. L. Tennant. 1,909,381; May 16.
- Incinerating and equipment therefor. W. A. Darrah. 1,929,880; Oct. 10.
- Incinerator. J. E. Allen and J. L. McDonald. 1,906,923; May 2.
- Incinerator. W. C. Epstein. 1,911,614; May 30.
- Incinerator. E. C. Folsom and J. R. Olfs. 1,938,013; Dec. 5.
- Incinerator. J. C. Woodman. 1,905,120; Apr. 25.
- Incinerator appliance for heating units. K. J. Tobin. 1,906,023; Apr. 25.
- Incinerator, Electric. R. P. Sword. 1,921,790; Aug. 8.
- Incinerator firing element. R. P. Sword. 1,921,047; Aug. 8.

- Incinerator, Garbage. W. L. and H. L. McLaughlin. 1,925,875; Sept. 5.
- Incinerator, Refuse. J. C. Vincent. 1,932,759; Oct. 31.
- Incisors, Artificial. L. Köhler. 1,917,131; July 4.
- Inclined elevator. H. A. W. Wood. 1,927,194; Sept. 19.
- Inclinometer. R. B. Turner. 1,924,761; Aug. 29.
- Inclinometer. P. Weber. 1,924,339; Aug. 29.
- Inclinometer, Oil well recording. C. C. Cole. 1,916,301; July 4.
- Inclinometer, Registering. J. R. Crisp. 1,914,081; June 13.
- Inclosed switch. H. J. Cook. 1,918,248; July 18.
- Inclosed switch. H. J. Hammerly. 1,893,829; Jan. 10.
- Inclosure construction, Flexible. A. M. Nicolson. 1,925,815; Sept. 5.
- Inclosure for reactors and similar apparatus, Protective. S. I. Oesterreicher. 1,899,981; Mar. 7.
- Inclosures, Apparatus for conditioning. L. L. Lewis. 1,902,563; Mar. 21.
- Incubating and hatching eggs, Method and apparatus for. L. F. Biggins. 1,918,585; July 18.
- Incubator. J. C. Bohmker. 1,893,694; Jan. 10.
- Incubator. W. L. Long. 1,895,042; Jan. 24.
- Incubator. A. F. Davidson. 1,930,966-7; Oct. 17.
- Incubator. C. T. Patterson and H. W. Young. 1,934,273; Nov. 7.
- Incubator. J. L. Robbins. Re18,984; Oct. 31.
- Incubator. J. L. Robbins. 1,907,121; May 2.
- Incubator. W. E. Skelton. 1,933,687; Nov. 7.
- Incubator. E. H. Snow. 1,901,614; Mar. 14.
- Incubator. F. E. Stover. 1,911,250; May 30.
- Incubator. F. E. Stover. 1,926,464; Sept. 12.
- Incubator. L. A. Wilson. 1,893,918; Jan. 10.
- Incubator. L. A. Wilson. 1,914,473; June 20.
- Incubator, Commercial. C. M. Lower. 1,911,233; May 30.
- Incubator construction. A. V. Rackstraw. 1,927,994; Sept. 26.
- Incubator, Infant. J. H. Hess. 1,900,342; Mar. 7.
- Incubator, Infant. J. H. Hess. 1,933,733; Nov. 7.
- Incubator, Infant. G. Poll. sr. 1,914,288; June 13.
- Incubator, Oscillatory. B. H. Clem. 1,917,576; July 11.
- Incubator system, Central heater. P. S. Martin. 1,910,301; May 23.
- Indelible print. H. Beckmann. 1,930,301; Oct. 10.
- Index. G. H. Dawson, E. A. Dunn, and A. M. Nickerson, Jr. 1,895,651; Jan. 31.
- Index. F. L. Wassell. 1,903,206; Mar. 28.
- Index and memo, Telephone. F. Adler. 1,922,611; Aug. 15.
- Index card. A. A. Chauvin. 1,895,784; Jan. 31.
- Index center. J. Harley. 1,906,062; Apr. 25.
- Index device, Visible. P. O. Unger. 1,916,398; July 4.
- Index for bound volumes. F. J. Osuch. 1,900,462; Mar. 7.
- Index holder. J. P. Andrews and J. S. Popper. 1,912,508; June 6.
- Index holder. J. H. Massé. 1,893,999; Jan. 10.
- Index strips, Making. R. F. Taber. 1,937,858; Dec. 5.
- Index system. H. F. Barker. 1,929,383; Oct. 3.
- Index system and cards therefor. Card. J. Kosch. 1,931,412; Oct. 17.
- Index system, Card. R. J. Wood. 1,923,133; Aug. 22.
- Index tab. C. Chisholm. 1,938,579; Dec. 12.
- Index tab. J. A. O'Neill. 1,914,671; June 20.
- Index tab. G. C. Perry. 1,912,792; June 6.
- Index tab. R. M. Tussing. 1,938,944; Dec. 12.
- Index to be used with telephone directories and other books. F. J. Osuch. 1,900,461; Mar. 7.
- Index, Visible. R. A. Furlong. 1,916,209-10; July 4.
- Index, Visible. F. G. Yawman. 1,913,824; June 13.
- Index, Visible card. J. L. Garfield. 1,923,366; Aug. 22.
- Indexing device. E. J. Hirvonen. 1,923,204; Aug. 22.
- Indexing device. A. Peel. 1,900,073; Mar. 7.
- Indexing device for welders. S. Evans. 1,922,424; Aug. 15.
- Indexing means, Turret. G. E. Hallenbeck. 1,918,538; July 18.
- Indexing mechanism. E. J. Kearney. 1,939,266; Dec. 12.
- Indexing mechanism. S. M. Ransome. 1,916,990; July 4.
- Indexing mechanism. F. A. Ward. 1,925,740; Sept. 5.
- Indexing mechanism for machine tools. G. E. Randles. 1,902,520; Mar. 21.
- Indexing mechanism for multiple spindle machines. J. P. Brophy. 1,928,925; Oct. 3.
- Indexing or like apparatus. A. H-T. Glennly. 1,895,993; Jan. 31.
- Indicating and control device for material receiving apparatus. E. W. Larsen. 1,904,869; Apr. 18.
- Indicating and/or recording unknown quantities. M. J. Johnson. 1,910,340; May 23.
- Indicating and recording apparatus. J. Latzko and O. Plechl. 1,893,421; Jan. 3.
- Indicating apparatus for cash registers. R. W. Lynch. 1,938,295; Dec. 5.
- Indicating device. M. M. Blufston. 1,935,694; Nov. 21.
- Indicating device. G. D. Clark. 1,911,350; May 30.
- Indicating device. R. Corson. 1,893,198; Jan. 3.
- Indicating device. G. B. Crapo. 1,921,965; Aug. 8.
- Indicating device. A. M. Curtis. 1,907,745; May 9.
- Indicating device. T. R. Goldsborough. 1,929,668; Oct. 10.
- Indicating device. C. F. Green. 1,902,497; Mar. 21.
- Indicating device. R. B. Jones. 1,912,984; June 6.
- Indicating device. A. G. Kinyon. 1,938,844; Nov. 28.
- Indicating device. A. Kroidler. 1,893,090; Jan. 3.
- Indicating device. H. H. Parsons. 1,903,938; Apr. 18.
- Indicating device. D. D. Rosenburgh. 1,912,729; June 6.
- Indicating device. R. N. Saxby. 1,930,540; Oct. 17.
- Indicating device. H. Singer. 1,918,068; July 11.
- Indicating device. H. A. Wilson. 1,929,667; Oct. 10.
- Indicating device for measuring instruments. F. Pfau. 1,918,556; July 18.
- Indicating device for punch tables. J. A. Teach. 1,941,117; Dec. 26.
- Indicating device responsive to temperature and pressure for internal combustion engines. H. Schlaich. 1,933,453; Oct. 31.
- Indicating device with two electrically operated signals. K. F. Oppegaard. 1,909,712; May 16.
- Indicating fuse plug. M. Alden. 1,930,332; Oct. 10.
- Indicating gauge. J. MacLaren. 1,898,552; Feb. 21.
- Indicating instrument. C. H. Colvin and A. Urfer. 1,935,736; Nov. 21.
- Indicating machine. M. H. Damerell. 1,938,216; Dec. 5.
- Indicating market quotations, Device for. E. C. Farrer. Re18,746; Feb. 21.
- Indicating means. P. A. and J. B. Wooster. 1,935,970; Nov. 21.
- Indicating means for turntables and the like. H. O. Havemeyer, Jr. 1,905,707; Apr. 25.
- Indicating mechanism. A. Roth. 1,919,043; July 18.
- Indicating mechanism for electric measuring devices. E. L. Keller. 1,935,093; Nov. 14.
- Indicating or recording mechanism. J. L. Hodgson and F. Gray. 1,906,155; Apr. 25.
- Indicating system. J. D. Hilliard. 1,935,446; Nov. 14.
- Indicator. See—
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| Bin indicator. | Oil level indicator. |
| Boiler efficiency indicator. | Page-end indicator. |
| Box loom indicator. | Plumb indicator. |
| Brake indicator. | Polarity indicator. |
| Calendar or date indicator. | Position indicator. |
| Card game indicator. | Power-level indicator. |
| Center testing indicator. | Pressure indicator. |
| Deal and hand indicator. | Price indicator. |
| Direction indicator. | Radio indicator. |
| Electric plug aperture indicator. | Railway clearance indicator. |
| Electric potential indicator. | Rating indicator. |
| Flight indicator. | Sales indicator. |
| Flow indicator. | Schedule indicator. |
| Fluid-flow indicator. | Septic indicator. |
| Fuel consumption indicator. | Service indicator. |
| Gyroscopic horizon indicator. | Sight feed indicator. |
| | Smoke indicator. |
| | Speed and frequency indicator. |
| Headlight indicator. | Speed indicator. |
| Hole indicator. | Temperature indicator. |
| Hospital indicator. | Thermostatic radiation indicator. |
| Leak indicator. | Time controlled indicator. |
| Liquid flow indicator. | Time indicator. |
| Liquid level indicator. | Tire pressure indicator. |
| Low water indicator. | Vehicle location indicator. |
| Magneto timing indicator. | Vehicle traffic indicator. |
| Meter indicator. | Voltage indicator. |
| Meteorological indicator. | |
| Motor heat indicator. | |
| Musical time indicator. | |
- Indicator. J. B. Glennon. Re18,830; May 16.
- Indicator. K. Glitscher. 1,932,210; Oct. 24.
- Indicator. C. W. Hansell. 1,920,304; Aug. 1.
- Indicator. J. D. Langdon. 1,919,436; July 25.
- Indicator. A. Lulki. 1,894,697; Jan. 17.
- Indicator. E. J. Martin. 1,897,811; Feb. 14.
- Indicator. P. B. Rutherford. 1,926,180; Sept. 12.
- Indicator. F. W. B. Schoradt. 1,895,838; Jan. 31.
- Indicator. A. L. Stenwedel. Des. 90,219; June 27.
- Indicator. A. Sumba. 1,915,456; June 27.
- Indicator and score keeping device for bridge games, Combination. M. J. Strasberger. 1,933,487; Oct. 31.
- Indicator and score keeping device for bridge games or similar article of manufacture. Combination. M. J. Strasberger. Des. 89,597; Apr. 11.
- Indicator and flow valve therefor. Constant reading depth. W. Thomas. 1,931,274; Oct. 17.
- Indicator apparatus for multicylinder engines. A. Brunner. 1,928,809; Oct. 3.
- Indicator attachment. J. G. Allan. 1,934,395; Nov. 7.
- Indicator device. J. C. Conn. 1,901,346; Mar. 14.
- Indicator device. H. A. Flammer. 1,904,435; Apr. 18.
- Indicator for adjustable flow beans. L. F. Defenbaugh. 1,911,885; May 30.
- Indicator for distributing apparatus. J. C. Woodcock and P. J. Paffen. 1,924,144; Aug. 29.
- Indicator for radiators. H. Vissering. 1,912,672; June 6.
- Indicator for radioreceivers. H. Matzner. Re18,796; Apr. 18.
- Indicator for reservoirs for liquid filled cables. E. D. Eby. 1,904,423; Apr. 18.
- Indicator for the cooling system of automobiles. H. E. Christie and K. W. Crouse. 1,935,563; Nov. 14.
- Indicator for tobacco containers. L. Hensmanns. 1,910,952; May 23.
- Indicator for valves. J. L. Hutchings. 1,907,819; May 9.
- Indicator for vehicles. Direction. T. E. Drewry. 1,922,796; Aug. 15.
- Indicator for water levels. D. R. Yarnall. 1,933,132; Oct. 31.
- Indicator locating device. K. F. Gallimore and R. M. Woytych. 1,916,212; July 4.
- Indicator means for ignition systems and the like. H. C. Heaton. 1,907,069; May 2.

- Indicator snap gauge. J. N. Schneider. 1,892,969; Jan. 3.
Indicator tab. L. S. Graff and R. A. Stewart. 1,924,239; Aug. 29.
Indirect water heater. G. H. Lippencott. 1,926,342; Sept. 12.
Indirectly heated boiler. A. Huet. 1,938,700; Dec. 12.
Indium and indium and silver, Electrodepositing. D. Gray. 1,935,630; Nov. 21.
Indium recovery process. W. S. Murray. 1,912,590; June 6.
Indophenols and leucoindophenols of the azine series. F. Muth. 1,896,461; Feb. 7.
Indophenols and sulphur dyestuffs therefrom. E. Chapman. 1,919,773; July 25.
Indophenols of the benzocarbazole series and making same. R. Herz and M. Schubert. 1,898,445; Feb. 21.
Inductance. F. T. Brewer. 1,904,199; Apr. 18.
Inductance, Adjustable. F. J. Given. 1,896,510; Feb. 7.
Inductance and capacity. H. A. Ewen. 1,913,978; June 13.
Inductance connector. R. M. Heintz. 1,930,714; Oct. 17.
Inductance device. R. M. C. Greenidge. 1,930,269; Oct. 10.
Inductance device, Balanced. A. J. Christopher. 1,896,480; Feb. 7.
Inductance, Fluid cooled. R. H. Noyes. 1,938,607; Dec. 12.
Inductance system, Adjustable. L. A. Gebhard. 1,899,144; Feb. 28.
Inductance system, Variable. J. B. Dow. 1,904,208; Apr. 18.
Inductance system, Variable. C. F. Rudolph. 1,894,498; Jan. 17.
Inductance units, Variable. J. A. Willoughby. 1,896,269; Feb. 7.
Induction controller. R. H. Barbour. 1,897,415; Feb. 14.
Induction electric furnace. E. F. Northrup. 1,936,309; Nov. 21.
Induction furnace. W. O. Krebs. 1,940,256; Dec. 19.
Induction furnace. T. H. Long. 1,926,811; Sept. 12.
Induction furnace. H. W. Parker. 1,909,982; May 23.
Induction heating. G. D. O'Neill. 1,929,212; Oct. 23.
Induction motor. R. W. Johnson. 1,934,981; Nov. 14.
Induction motor. C. L. Kennedy. 1,912,207; May 30.
Induction motor. C. L. Kennedy. 1,912,338; May 30.
Induction motor. F. S. Kingston. 1,916,270; July 4.
Induction motor. A. Zopp. 1,897,184; Feb. 14.
Induction motor, Condenser. C. L. Kennedy. 1,912,337; May 30.
Induction motor, Rectilinear. E. L. Rose. 1,916,491; July 4.
Induction motor, Self-starting. B. A. Benson. 1,917,289; July 11.
Induction motor, Synchronous. W. J. Morrill and W. A. Pringle. 1,915,069; June 20.
Inductive bond. S. M. Lucas and C. H. Zierdt. 1,925,195; Sept. 5.
Inductive device. A. J. Christopher. 1,897,040; Feb. 14.
Inductor. A. S. MacGregor. 1,921,687; Aug. 8.
Inductor for furnaces and the like. E. F. Northrup. 1,916,434; July 4.
Inductor, Variable. D. H. Vance. 1,911,980; May 30.
Industrial processes, Apparatus for controlling. E. B. Foote. 1,921,740; Aug. 8.
Industrial processes, Apparatus for controlling. E. B. Foote and F. B. Newell. 1,921,741; Aug. 8.
Industrial truck. T. E. Lyons. 1,917,892; July 11.
Inertia of moving vehicles into power, Apparatus for converting. E. B. Wiggins. 1,916,873; July 4.
Inertia relay. M. G. Rees. 1,897,074; Feb. 14.
Infant corrective device. J. B. Stewart. 1,926,690; Sept. 12.
Infatable article. O. Krichbaum. 1,916,483; July 4.
Infatable articles, Making. A. V. Anderson. 1,920,961; Aug. 8.
Inflating device and pressure gauge, Combined. J. C. Crowley. 1,941,249; Dec. 26.
Influencing by a ray projector a cell sensitive to light, Device for. F. Scharff. 1,896,830; Feb. 7.
Infra-red rays in projectors, Elimination of. W. A. Kosken. 1,912,377; June 6.
Infusion device and the like. C. A. Schallis. 1,922,782; Aug. 15.
Ingot handling device. M. Morgan. 1,931,354; Oct. 17.
Ingot mold. T. E. Dodds. 1,919,622; July 25.
Ingot mold. E. Gathmann. 1,913,924; June 13.
Ingot mold. C. W. Meyers and W. F. Munford. 1,933,530; Oct. 31.
Ingot mold. E. H. Williams. 1,936,280; Nov. 21.
Ingot mold assembly. E. L. Messler and J. J. Isherwood. 1,893,206; Jan. 3.
Ingot mold closure. E. Gathmann. 1,915,729; June 27.
Ingot pouring apparatus, Multiple. M. G. Dumas. 1,915,650; June 27.
Ingot receiving and delivering device. H. L. Schreck. 1,936,486; Nov. 21.
Ingot stripping apparatus. E. Gathmann. 1,931,187; Oct. 17.
Ingot tilter. E. de Donato. 1,930,420; Oct. 10.
Ingots, Apparatus for producing tubular. B. Brownstein. 1,912,966; June 6.
Ingots, Apparatus for treating. L. C. Edgar. 1,916,042; June 27.
Ingots from ingot molds, Apparatus for stripping. E. Gathmann. 1,897,696; Feb. 14.
Ingots, Producing. E. Gathmann. 1,911,228; May 30.
Ingots, Producing tubular. B. Brownstein. 1,912,965; June 6.
Ingots, Production of hollow. E. F. Jones. 1,938,257; Dec. 5.
Ingots, Production of sound. A. G. Egler. 1,911,270; May 30.
Inhaler. G. G. Westerfield. 1,923,650; Aug. 22.
Initial and connecting the same to handbag frames. R. Lobel. 1,912,852; June 6.
Injecting device. H. F. Gleim. 1,911,229; May 30.
Injection device. E. R. Lawshe. 1,892,803; Jan. 3.
Injector. C. Breer and M. L. Carpentier. 1,909,452; May 16.
Injector. C. H. True. 1,921,444; Aug. 8.
Injector, Centrifugal air or gas. A. R. Kunz. 1,919,847; July 25.
Ink agitator for printing machines, Automatic. F. E. Weed. 1,896,034; Jan. 31.
Ink and paint, Emulsified. H. Heckel. 1,906,962; May 2.
Ink and paper, Apparatus for testing printing. F. W. Hoch. 1,939,814; Dec. 19.
Ink and the like and making. H. Heckel. 1,906,961; May 2.
Ink, Device for use in mixing printer's. H. A. Bragg. 1,919,498; July 25.
Ink dispensing device. G. R. Bess. 1,916,200; July 4.
Ink drying and neutralizing device, Combined. C. H. Cochrane. 1,900,543; Mar. 7.
Ink feed control means for printing presses. C. L. Erickson and W. O. Morrison. 1,926,145; Sept. 12.
Ink fountain divider and pad. M. J. Troy. 1,919,283; July 25.
Ink fountain or dip well. C. L. Kubista. 1,903,465; Feb. 14.
Ink, Lithographic. J. G. Goedike. 1,935,629; Nov. 21.
Ink or other fluid container. E. Babb and A. W. Zaborowski. Des. 88,850; Jan. 3.
Ink pad. S. W. Partridge. 1,923,114; Aug. 22.
Ink product, Making. M. Baer. 1,918,829; July 18.
Ink, Quick drying. G. B. Ottley. 1,897,071; Feb. 14.
Ink ribbon feed mechanism. A. Thomas. 1,897,084; Feb. 14.
Ink roll for printing presses. O. H. Banker. 1,904,764; Apr. 18.
Ink setter and static eliminator, Combined. J. Simons. 1,903,840; Apr. 18.
Inkstand. E. E. Clark. 1,899,182; Feb. 28.
Inkstand. R. W. Newman. 1,903,061; Mar. 28.
Inkstand. O. F. Nilsson and J. Bachrach. 1,902,091; Mar. 21.
Ink transfer member and making the same. G. E. Pelton. 1,904,628; Apr. 18.
Inkwell. F. A. Draper. 1,909,934; May 23.
Inkwell. A. O. Hook. 1,898,053; Feb. 21.
Inkwell. G. B. Lautz, jr. 1,915,956; June 27.
Inkwell. S. P. Mendel. 1,923,109; Aug. 22.
Inkwell and fountain pen set, Combination pen-filling. C. J. Meunier. 1,916,186; June 27.
Ink well attachment. S. Hoffman. 1,936,394; Nov. 21.
Inking device. H. D. Black. 1,900,092; Mar. 7.
Inking mechanism. S. J. Mollet. 1,920,424; Aug. 1.
Inking mechanism. C. A. Wulf. 1,934,157; Nov. 7.
Inking mechanism for printing apparatus. H. P. Elliott. 1,922,533; Aug. 15.
Inking mechanism for printing presses. H. A. W. Wood. 1,900,263; Mar. 7.
Inking mechanism of printing machines. F. Spence. 1,927,759; Sept. 19.
Inking pad. R. W. Redin. 1,913,058; June 6.
Inlaid design and built-up wood finish, Imitation. S. W. Chaffee. 1,934,792; Nov. 14.
Inlay flooring construction. B. C. Rockwell. 1,913,290; June 6.
Inlaying method. A. Mencken. 1,935,480; Nov. 14.
Inlays on panels of composite fibrous materials, Reproducing surface. E. C. Loetscher. 1,902,087; Mar. 21.
Inlet control valve, Cold water. L. D. Lovekin. 1,892,674; Jan. 3.
Inlet valve gear, Steam engine. H. G. Mueller. 1,927,524; Sept. 19.
Inner tube, self-sealing section and the like, Valve stemless. A. J. Richardson. 1,930,182; Oct. 10.
Innersole for shoes. M. W. Prouty. 1,935,576; Nov. 14.
Innersole for welt shoes, Compound. P. W. Valentine. 1,896,531; Feb. 7.
Innersoles, Making. F. W. Eager. 1,926,765; Sept. 12.
Inscriptions, Protecting. E. J. Schwantes. 1,901,989; Mar. 21.
Inseam trimming machine. A. R. Morrill. 1,908,914; May 16.
Insect destroyer. O. Killo. 1,897,263; Feb. 14.
Insect destroyer. L. B. McWilliams and L. V. McWilliams. 1,910,623; May 23.
Insect destroyer. J. G. Wasson. 1,939,838; Dec. 19.
Insect destroyer, Electric. W. M. Frost. 1,895,570; Jan. 31.
Insect destroying device. A. X. Anderson. 1,921,901; Aug. 8.
Insect exterminator. W. F. Folmer and H. L. Chapin. 1,936,468; Nov. 21.
Insect exterminator. P. Lambertus, E. H. Trimpe, and K. G. Kountz. 1,931,662; Oct. 24.
Insect infestation, Elimination of. N. Tischler. 1,920,026; July 25.

- Insect pests proof article and preparing same. A. Thauss and M. Hardtmann. 1,910,938; May 23.
- Insect repellent. C. B. Cleveland. 1,911,551; May 30.
- Insect repeller. W. E. Higgins. 1,921,821; Aug. 8.
- Insect trap. A. C. Pickett. 1,900,199; Mar. 7.
- Insect trap. G. T. Schroder. 1,936,644; Nov. 28.
- Insect trap. H. K. Taylor. 1,919,916; July 25.
- Insects, Method and compounds for repelling. A. Markowsky. 1,924,507; Aug. 29.
- Insects with pyrethrum. Destroying. W. S. Burgess and E. K. Golley. 1,923,579; Sept. 12.
- Insecticidal compositions, Noncorrosive. E. B. Alvord. 1,931,867; Oct. 17.
- Insecticidal emulsion. B. Rewald. 1,938,864; Dec. 12.
- Insecticidal solution. B. C. Goss. 1,901,960; Mar. 21.
- Insecticide. E. C. Britton. 1,907,493; May 9.
- Insecticide. E. R. de Ong. 1,917,754; July 11.
- Insecticide. C. B. Gnadinger. 1,915,662; June 27.
- Insecticide. D. H. Grant. 1,934,057; Nov. 7.
- Insecticide. E. T. Hesse. 1,921,153; Aug. 8.
- Insecticide. H. L. Renard. 1,941,055; Dec. 26.
- Insecticide. W. Seitz. 1,923,004; Aug. 15.
- Insecticide and fungicide. R. H. McKee. 1,909,879; May 16.
- Insecticide and making the same. D. H. Grant. 1,940,646; Dec. 19.
- Insecticide and making the same. H. A. Jones. 1,928,256; Sept. 26.
- Insecticide carrier, spreader, and emulsifier, and making same. W. H. Volck. 1,922,607; Aug. 15.
- Insecticide, Electric. W. E. Lippert. Des. 89,900; May 16.
- Insecticide holder. J. Glover. Des. 91,064; Nov. 21.
- Insecticide, Making an. H. A. Jones. 1,928,968; Oct. 3.
- Insecticide material. New. R. B. Arnold. 1,925,225; Sept. 5.
- Insecticides, Producing. E. R. Rushton. 1,924,518; Aug. 29.
- Insectifuge. V. Voorhees. 1,894,604; Jan. 17.
- Insert, Adjustable. H. A. Cook. 1,913,192; June 6.
- Insert for concrete structures. J. Schurman. 1,936,772; Nov. 28.
- Insert for vacuum tube bases. B. F. Conner. 1,935,943; Nov. 21.
- Insert-plus lock. O. A. Causey. 1,928,879; Oct. 3.
- Inserted tooth cutter. R. Hillner. 1,934,465; Nov. 7.
- Insertor for placing molded cheese in containers. C. M. Gere. 1,915,489; June 27.
- Inserting valve. F. H. Mueller and L. Condé. 1,911,708; May 30.
- Inside panel fastener, Automobile body. E. G. Krentler. 1,929,590; Oct. 10.
- Insole. J. Brödl. 1,903,323; Apr. 4.
- Insole. C. Miller. 1,926,683; Sept. 12.
- Insole. A. C. Sewall. 1,927,421; Sept. 19.
- Insole. L. Q. White. 1,937,678; Dec. 5.
- Insole and shank, Combined. B. Feldman. 1,921,970; Aug. 8.
- Insole for shoes and manufacturing the same. G. E. Musebeck. 1,916,198; July 4.
- Insole-outsole combinations, Producing complementary. F. Sbica. 1,902,725; Mar. 21.
- Insoluble compounds, Making dispersions of. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 1,928,648; Oct. 3.
- Inspection apparatus. A. G. Hewitt. 1,935,267; Nov. 14.
- Inspection device. V. K. Zworykin. 1,922,188; Aug. 15.
- Inspection device for airplanes. J. M. Harding. 1,932,342; Oct. 24.
- Installation device. K. Sternberg. 1,913,618; June 13.
- Installation for the manufacture of glassware. W. J. Miller. 1,913,501; June 13.
- Installation for the regulation of the angular velocity of a shaft. M. J. Jansen, R. Vermeulen, and N. A. J. Voorhoeve. 1,894,562; Jan. 17.
- Installation of underground electric cables for power transmission. G. Meerbeck. 1,915,743; June 27.
- Installation suitable for the irradiation of substances with ultra-violet light. G. Zecher. 1,906,038; Apr. 25.
- Installations for repeating indications of movement at a distance. C. Midworth. 1,916,737; July 4.
- Installations for the preserving of fruits and vegetables by means of ultra-violet rays. J. Mayori. 1,911,913; May 30.
- Instantaneous pressure recorder. J. W. Legg. 1,939,067; Dec. 12.
- Instep protector. F. A. Larack. 1,901,659; Mar. 14.
- Instruction apparatus for stringed musical instruments. L. Portnoff. 1,930,010; Oct. 17.
- Instruction card holder. H. R. Christ. 1,935,737; Nov. 21.
- Instruction for stringed musical instrument playing, Apparatus for. L. Portnoff. 1,904,928; Apr. 18.
- Instrument for transmitting angular movement. J. S. Woodward. 1,937,375; Nov. 28.
- Instrument for treating infection of the pharynx and eustachian tubes and lateral fissures of the pharynx. A. A. Edginton. 1,931,720; Oct. 24.
- Instrument control element. D. R. De Tar. Re18,815; May 2.
- Instrument for controlling temperatures. R. W. Brown. 1,903,165; Mar. 28.
- Instrument for examining tubes and cavities in the human and other bodies. G. Wolf. 1,915,811; June 27.
- Instrument for individual vary-sizing of type. A. E. Schnable. 1,899,775; Feb. 28.
- Instrument for measuring the curvature of the cornea. H. Hartinger. 1,913,540; July 18.
- Instrument for recording inclination. W. I. McLaughlin and R. G. Wedemeyer. 1,903,512; Apr. 11.
- Instrument for recording inclination. W. I. McLaughlin and R. G. Wedemeyer. 1,905,289; Apr. 25.
- Instrument for recording inclination. H. B. Webster. 1,905,546; Apr. 25.
- Instrument for varying electrical potential. W. J. Tietz. 1,897,596; Feb. 14.
- Instrument panel. C. M. Adams. 1,917,079; July 4.
- Instrument panel embodying theft foil for valuables. H. M. Weatherford. 1,930,573; Oct. 17.
- Instrument panel face assembly. J. Zubaty and D. E. Keeney. 1,897,975; Feb. 14.
- Instrument pointer. E. G. Haven. 1,913,201; June 6.
- Instrument, Surgical. H. H. Harris. 1,918,700; July 18.
- Instrument, Surgical. B. A. O'Connor and J. K. O'Sullivan. 1,919,120; July 18.
- Instruments, Means for remote reading of. S. Loewe. 1,897,204; Feb. 14.
- Insufflator. L. D. Crain and M. J. Hubbard. 1,934,703; Nov. 14.
- Insulated article. J. R. Foley. 1,902,438; Mar. 21.
- Insulated building block. D. A. Loftus and A. M. Mertz-anoff. 1,924,103; Sept. 5.
- Insulated bushings, Method and machine for making. J. M. G. Fullman and J. Strama. 1,912,186; May 30.
- Insulated conductors, Manufacture of. C. H. Ellis. 1,929,812; Oct. 10.
- Insulated container. H. A. Bubb. 1,937,263; Nov. 28.
- Insulated jacket for distillation apparatus. W. J. Podbielniak. 1,909,315; May 16.
- Insulated plug valve, Lubricated. J. C. Martin, jr. 1,931,898; Oct. 24.
- Insulating and other structures comprising vermiculite. G. Succetti and R. M. Kohr. 1,927,102; Sept. 19.
- Insulating articles, Apparatus for molding. W. C. Tregou-ing. 1,901,205; Mar. 14.
- Insulating block. R. S. Frobisher. 1,921,518; Aug. 8.
- Insulating block. W. K. Nelson. 1,902,178; Mar. 21.
- Insulating body. G. H. Ellis. 1,900,698; Mar. 7.
- Insulating body. P. Paschen, H. Ritter, G. Stauber, W. Gebhardt, and K. Schmiedel. 1,897,818; Feb. 14.
- Insulating body, Waterproof. G. H. Ellis. 1,900,699; Mar. 7.
- Insulating bushings having renewable insulating elements, Oil filled. G. E. Jansson. 1,913,596; June 13.
- Insulating composition. F. M. Clark. 1,902,489; Mar. 21.
- Insulating compound. A. R. Kemp and J. H. Ingmanson. 1,930,274; Oct. 10.
- Insulating compound, Applying and vulcanizing an. A. N. Gray and A. R. Kemp. 1,927,400; Sept. 19.
- Insulating concrete. H. N. Clark. 1,920,358; Aug. 1.
- Insulating covering. W. E. Ryder and W. D. Reber. 1,919,532; July 25.
- Insulating covering. L. Weber. 1,913,180; June 6.
- Insulating dielectric, Treating impregnated. F. L. Damarin and D. A. Harper. 1,911,064; May 23.
- Insulating material. R. Burns. 1,911,803; May 30.
- Insulating material. A. A. Frey. 1,924,311; Aug. 29.
- Insulating material. G. F. Hadley. 1,915,311; June 27.
- Insulating material and making same, Thermal and sound. L. T. Hallett. 1,925,142; Sept. 5.
- Insulating material and making the same. E. C. Loetscher. 1,938,917; Dec. 12.
- Insulating material and making the same. C. A. Upson. 1,901,999; Mar. 21.
- Insulating material and manufacture of same. R. H. Heilman. 1,931,795; Oct. 24.
- Insulating material (duplex mica). T. C. Russell. 1,925,341; Sept. 5.
- Insulating material, Electric. M. Hagedorn, O. Reichert, and E. Guhring. 1,896,581; Feb. 7.
- Insulating material from mineral wool, Apparatus for and method of manufacturing. O. F. Mottweiler. 1,918,011; June 27.
- Insulating material, Manufacture of. H. W. Cooper. 1,925,137; Sept. 5.
- Insulating materials, Method of and apparatus for treating. O. F. Mottweiler and C. D. Richardson. 1,928,388; Sept. 26.
- Insulating means. R. B. Funk. 1,912,270; May 30.
- Insulating means against heat. K. Ruckstuhl. 1,908,057; May 9.
- Insulating method and product thereof. E. H. Darby. 1,939,843; Dec. 19.
- Insulating or wall board product. C. E. Carpenter. 1,920,496; Aug. 1.
- Insulating spacer. H. L. Crowley. 1,901,703; Mar. 14.
- Insulating spacer. L. L. Merrill. 1,936,470; Nov. 21.
- Insulating support for electrical conductors. R. T. Mel-lor. 1,931,203; Oct. 17.
- Insulating tie unit. L. F. Muter. 1,907,857; May 9.
- Insulating unit. C. B. Kilmer. 1,894,592; Jan. 17.
- Insulating unit. V. W. Moody. 1,938,925; Dec. 12.
- Insulating unit for cold storage and refrigerator insula-tion. A. G. Gibson. 1,912,631; June 6.
- Insulating wire, Apparatus for. E. A. Mau and O. F. Hutchinson. 1,918,344; July 18.
- Insulating wire terminals of electrical conductors, Device for joining. C. H. Jasper. 1,933,555; Nov. 7.
- Insulation. C. Dantsizen. 1,904,418; Apr. 18.
- Insulation. F. R. Leslie. 1,939,306; Dec. 12.

- Insulation, Apparatus for testing. C. L. Pfeiffer. 1,919,802; July 25.
- Insulation, Apparatus for the manufacture of building. B. E. Baldof and H. O. Hayes. 1,906,510; May 2.
- Insulation compound. A. R. Kemp and J. H. Ingmanson. 1,918,971; July 18.
- Insulation construction. D. H. Corlette. 1,911,605; May 30.
- Insulation, Electric. J. H. White. 1,919,267; July 25.
- Insulation for electrical sheets, Inorganic. V. B. Browne. 1,940,707; Dec. 26.
- Insulation in electric discharge tubes. J. G. W. Mulder. 1,922,674; Aug. 15.
- Insulation, Inorganic metal. E. Rupp. 1,905,753; Apr. 25.
- Insulation of high-voltage conductors. J. B. Whitehead. 1,935,532; Nov. 14.
- Insulation stripping device. A. N. Wentink. 1,902,742; Mar. 21.
- Insulation, Waterproof and water-repellant. G. D. Shaver. 1,940,974; Dec. 26.
- Insulator. A. O. Austin. 1,937,620; Dec. 5.
- Insulator. A. P. Blood. 1,918,586; July 18.
- Insulator. P. G. Briney. 1,896,937; Feb. 7.
- Insulator. C. E. Daussa. 1,896,576; Feb. 7.
- Insulator. L. Fort. 1,920,978; Aug. 8.
- Insulator. J. H. Hertner. 1,900,710; Mar. 7.
- Insulator. G. Jansson. 1,899,757; Feb. 28.
- Insulator. W. D. Kyle. 1,914,436-7; June 20.
- Insulator. W. D. Kyle. 1,937,764; Dec. 5.
- Insulator. J. W. Felkie. 1,911,238; May 30.
- Insulator. S. D. Sprong. 1,915,838; June 27.
- Insulator. F. J. Stevens. 1,931,626; Oct. 24.
- Insulator. J. J. Taylor. 1,937,731; Dec. 5.
- Insulator. L. T. Wilson. 1,927,106; Sept. 19.
- Insulator and multiple connector, Combination. R. S. Bach. 1,934,581; Nov. 7.
- Insulator bracket. B. C. Wells. 1,914,657; June 20.
- Insulator bracket and making the same. C. Fassinger. 1,897,385; Feb. 14.
- Insulator, Bushing. A. O. Austin. 1,910,226; May 23.
- Insulator cap. H. Van Rosen. 1,940,195; Dec. 19.
- Insulator caps, Forging. C. S. Card. 1,898,574; Feb. 21.
- Insulator caps, Making. B. A. Plimpton. 1,902,310; Mar. 21.
- Insulator connection. K. A. Hawley. 1,910,333; May 23.
- Insulator device. A. V. Pettman and W. Reed-Lethbridge. 1,934,557; Nov. 7.
- Insulator finishing brushing machine. D. Bettini. 1,904,608; Apr. 18.
- Insulator for coaxial conductors. L. T. Wilson. 1,940,780; Dec. 26.
- Insulator for spark plugs. W. F. Ridge. 1,898,064; Feb. 21.
- Insulator pin. A. O. Austin. 1,894,340; Jan. 17.
- Insulator pin. L. J. Driggs. 1,911,558; May 30.
- Insulator pin. B. A. Plimpton and K. A. Hawley. 1,912,007; May 30.
- Insulator, Rubber shock. C. Saurer and I. W. Robertson. 1,927,808; Sept. 19.
- Insulator, Section. R. H. McCafferty. Re18,863; June 6.
- Insulator, Section. F. L. Wolf. 1,904,844; Apr. 18.
- Insulator, Shock. C. Saurer. 1,919,484; July 25.
- Insulator, Strain. W. Cramer. 1,894,292; Jan. 17.
- Insulator, Strain. K. A. Hawley. 1,892,888; Jan. 3.
- Insulator support. J. D. Hoyt. 1,934,308; Nov. 7.
- Insulator support. C. E. Miller. 1,911,031; May 23.
- Insulator support. C. L. Peirce, jr. 1,917,322; July 11.
- Insulator support for tower or mast type antennae. R. L. Jensen. 1,937,964; Dec. 5.
- Insulator, Vibration. A. L. Riker, jr. 1,909,010; May 16.
- Insulator, Vibration. A. L. Riker. 1,920,436; Aug. 1.
- Insulator, Vibration. I. W. Robertson. 1,899,293; Feb. 28.
- Insulators, Apparatus for molding. E. H. Fischer. 1,929,737; Oct. 10.
- Insulators, Apparatus for protecting power-line. H. P. Sleeman. 1,896,189; Feb. 7.
- Insulators, Assembling. W. A. Smith. 1,925,211; Sept. 5.
- Insulators, Method and equipment for handling strain. H. W. Bodendieck. 1,940,162; Dec. 19.
- Insulators, Suspending porcelain. P. W. Buxton. 1,939,760; Dec. 19.
- Intake system for aircraft engines. A. H. King. 1,935,186; Nov. 14.
- Integrating means. E. H. Freeman. 1,904,438; Apr. 18.
- Integrating mechanism. H. J. Stehli. 1,920,024; July 25.
- Integrating system, Duplex. C. E. Bohner. 1,911,346; May 30.
- Integrations of any number of integrating quantity meters, Apparatus for summing the. G. H. Bowden. 1,939,486; Dec. 12.
- Intelligence into two or more groups, Dividing received. V. E. Kimball. 1,902,170; Mar. 21.
- Intensity recorder, Lightning field. F. G. Patterson. 1,893,337; Jan. 3.
- Intercell connector. W. Nyce. 1,919,902; July 25.
- Intercentric gauge. G. Swikart. 1,929,525; Oct. 10.
- Interchangeable sign. T. Mungen. 1,921,202; Aug. 8.
- Interchangeable tank lock. A. M. Malluk. 1,938,918; Dec. 12.
- Interference diverter. R. F. Schuster. 1,925,938; Sept. 5.
- Interference eliminator. B. van der Pol and J. W. Alexander. 1,940,472; Dec. 19.
- Interference eliminator. J. G. Wells. 1,941,424; Dec. 26.
- Interference in carrier systems, Reduction of. V. P. Thorp. 1,893,569; Jan. 10.
- Interference in radio selector systems, Apparatus for suppressing. L. L. Jones. 1,919,948; July 25.
- Interferometer. C. W. Chamberlain. 1,901,632; Mar. 14.
- Interlock, Dynamic and air brake. F. S. Thomas. 1,939,866; Dec. 19.
- Interlock, Electromechanical. E. L. Dunn. 1,896,541; Feb. 7.
- Interlock, Swing door inclosure. L. G. Jacobson. 1,901,517; Mar. 14.
- Interlocking adjustable member. C. J. Oxford and G. D. Hayden. 1,938,718; Dec. 12.
- Interlocking device for the breech block and the firing pin of automatic firearms, Direct. A. Scotti, G. B. Anelotti, and H. G. Campi. 1,925,776; Sept. 5.
- Interlocking hanger. C. W. Gordon. 1,941,258; Dec. 26.
- Interlocking mechanism. G. C. Coll. 1,905,807; Apr. 25.
- Interlocking mechanism. J. F. Ohmer and A. S. Wheelbarger. 1,932,670; Oct. 31.
- Interlocking switch. C. E. Reeves. 1,895,820; Jan. 31.
- Interlocking switch. L. J. Stephenson. 1,919,913; July 25.
- Interlocking system. C. H. Hill. 1,905,710; Apr. 25.
- Interlocking system for railroads. W. K. Howe. 1,897,005; Feb. 7.
- Interlocking system for railroads. W. K. Howe. 1,901,748; Mar. 14.
- Interlocking two movements, Device for. M. L. Gianoli. 1,903,039; Mar. 28.
- Intermediate and dyestuff of the dibenzanthrone series. M. A. Perkins. 1,924,456; Aug. 29.
- Intermediate for azo dyes. E. F. Hitch. 1,909,960; May 23.
- Intermittent movement. C. A. Bornmann. 1,914,398; June 20.
- Intermittent movement for motion-picture projectors and the like. L. W. Lessler. 1,940,312; Dec. 19.
- Internal band brake. A. W. Frehse. 1,913,156; June 6.
- Internal combustion engine. F. Abell. 1,907,470; May 9.
- Internal combustion engine. E. T. Adams. 1,907,095; May 2.
- Internal combustion engine. W. C. Agerell. 1,903,802; Apr. 18.
- Internal combustion engine. B. H. Anibal. 1,897,783; Feb. 14.
- Internal combustion engine. D. F. Asbury. 1,903,159; Mar. 28.
- Internal combustion engine. R. W. Bailey. 1,897,293; Feb. 14.
- Internal combustion engine. J. A. H. Barkeij. 1,899,130; Feb. 28.
- Internal combustion engine. J. A. H. Barkeij. 1,911,874; May 30.
- Internal combustion engine. G. P. Beaudry. 1,904,816; Apr. 18.
- Internal combustion engine. W. O. Bechman. 1,915,283; June 27.
- Internal combustion engine. H. Becker. 1,911,220; May 30.
- Internal combustion engine. P. Belyavin. 1,901,723; Mar. 14.
- Internal combustion engine. A. L. R. Bernard. 1,932,332; Oct. 24.
- Internal combustion engine. E. M. Bournonville. 1,908,680; May 16.
- Internal combustion engine. A. P. Brush. 1,915,977; June 27.
- Internal combustion engine. A. Buchi. 1,893,127; Jan. 3.
- Internal combustion engine. A. Büchi. 1,895,538; Jan. 31.
- Internal combustion engine. J. P. Burke. 1,902,831; Mar. 28.
- Internal combustion engine. C. C. Cain. 1,940,533; Dec. 19.
- Internal combustion engine. J. A. Cameron. 1,931,788; Oct. 24.
- Internal combustion engine. C. C. Champion, jr. 1,896,163; Feb. 7.
- Internal combustion engine. H. D. Church. 1,906,537; May 2.
- Internal combustion engine. H. D. Church and F. Jehle. 1,894,667; Jan. 17.
- Internal combustion engine. D. L. Coveyow. 1,918,898; July 18.
- Internal combustion engine. J. A. Davis. 1,940,788; Dec. 26.
- Internal combustion engine. J. A. Diennner. 1,906,251; May 2.
- Internal combustion engine. H. I. A. Dörner. 1,903,376; Apr. 4.
- Internal combustion engine. C. K. Edwards. 1,895,981; Jan. 31.
- Internal combustion engine. H. C. Edwards. 1,919,277; July 25.
- Internal combustion engine. H. C. Edwards. 1,924,843; Aug. 29.
- Internal combustion engine. H. C. Edwards. 1,924,847; Aug. 29.
- Internal combustion engine. H. C. Edwards. 1,933,246; Oct. 31.
- Internal combustion engine. H. C. Edwards. 1,933,618-20; Nov. 7.
- Internal combustion engine. H. C. Edwards. 1,935,180; Nov. 14.
- Internal combustion engine. H. C. Edwards. 1,938,280-5; Dec. 5.

- Internal combustion engine. J. W. Enright. 1,916,043; June 27.
- Internal combustion engine. O. H. Eriksen. 1,918,840; July 18.
- Internal combustion engine. H. O. Ewing. 1,902,020; Mar. 21.
- Internal combustion engine. J. O. Fink. 1,919,544; July 25.
- Internal combustion engine. A. M. Fish. 1,923,480; Aug. 22.
- Internal combustion engine. L. O. French. 1,926,040; Sept. 12.
- Internal combustion engine. F. Fritz. 1,897,897; Feb. 14.
- Internal combustion engine. C. H. Fuchs. 1,917,758; July 11.
- Internal combustion engine. J. H. Geisse. 1,914,499; June 20.
- Internal combustion engine. J. Good. 1,920,012; July 25.
- Internal combustion engine. F. Gossiau. 1,913,199; June 6.
- Internal combustion engine. F. Gossiau. 1,929,885; Oct. 10.
- Internal combustion engine. W. R. Griswold. 1,896,024; Jan. 31.
- Internal combustion engine. W. R. Griswold. 1,899,324; Feb. 28.
- Internal combustion engine. W. R. Griswold. 1,903,919; Apr. 18.
- Internal combustion engine. W. R. Griswold. 1,916,309-10; July 4.
- Internal combustion engine. W. R. Griswold. 1,925,071-2; Aug. 29.
- Internal combustion engine. W. R. Griswold. 1,926,096; Sept. 12.
- Internal combustion engine. E. J. Hall. 1,929,637; Oct. 10.
- Internal combustion engine. J. F. Hermann. 1,933,432; Oct. 31.
- Internal combustion engine. K. J. E. Hesselman. 1,902,776; Mar. 21.
- Internal combustion engine. K. J. E. Hesselman. 1,931,542; Oct. 24.
- Internal combustion engine. H. J. Hickey. 1,934,710; Nov. 14.
- Internal combustion engine. C. F. High. 1,901,448; Mar. 14.
- Internal combustion engine. H. V. Honn. 1,896,174; Feb. 7.
- Internal combustion engine. H. L. Horning. 1,892,838; Jan. 3.
- Internal combustion engine. H. L. Horning. 1,923,206; Aug. 22.
- Internal combustion engine. F. X. Huber. 1,916,318; July 4.
- Internal combustion engine. R. Insley. 1,917,206; July 4.
- Internal combustion engine. F. T. Irgens. 1,936,841; Nov. 28.
- Internal combustion engine. C. Isle. 1,902,781; Mar. 21.
- Internal combustion engine. L. C. Jackson. 1,898,963; Feb. 21.
- Internal combustion engine. E. R. Jacoby. 1,909,965; May 23.
- Internal combustion engine. M. Jannin. 1,895,851; Jan. 31.
- Internal combustion engine. G. Jendrassik. 1,939,350; Dec. 12.
- Internal combustion engine. J. Keister. 1,902,130; Mar. 21.
- Internal combustion engine. H. E. Kennedy. 1,903,381; Apr. 4.
- Internal combustion engine. A. H. King and E. A. Ryder. 1,907,351; May 2.
- Internal combustion engine. A. H. King and E. A. Ryder. 1,925,987; Sept. 5.
- Internal combustion engine. R. P. Lansing. 1,935,454; Nov. 14.
- Internal combustion engine. J. W. Leighton. 1,912,285; May 30.
- Internal combustion engine. N. Mattacchione. 1,940,003; Dec. 19.
- Internal combustion engine. C. McLaren. 1,904,499; Apr. 18.
- Internal combustion engine. A. J. Meyer. 1,899,206; Feb. 28.
- Internal combustion engine. A. J. Meyer. 1,903,531; Apr. 11.
- Internal combustion engine. A. J. Meyer. 1,911,917; May 30.
- Internal combustion engine. A. J. Meyer. 1,929,207; Oct. 3.
- Internal combustion engine. A. F. Milbrath. 1,910,558; May 23.
- Internal combustion engine. C. C. Minter. 1,928,299; Sept. 26.
- Internal combustion engine. E. Moore and F. Engel. 1,921,985; Aug. 8.
- Internal combustion engine. R. S. Moore. 1,915,237; June 20.
- Internal combustion engine. A. Moorhouse. 1,903,607; Apr. 11.
- Internal combustion engine. A. Moorhouse. 1,918,481; July 18.
- Internal combustion engine. C. A. Muller. 1,931,505; Oct. 24.
- Internal combustion engine. G. Negel. 1,925,878; Sept. 5.
- Internal combustion engine. H. B. Nelson. 1,923,387; Aug. 22.
- Internal combustion engine. A. M. Niven. 1,896,095; Feb. 7.
- Internal combustion engine. A. M. Niven. 1,930,533; Oct. 17.
- Internal combustion engine. A. M. Niven. 1,931,993; Oct. 24.
- Internal combustion engine. G. W. Nyquist. 1,907,214; May 2.
- Internal combustion engine. L. F. Overholt. 1,909,311; May 16.
- Internal combustion engine. J. C. Peterson. 1,926,598; Sept. 12.
- Internal combustion engine. H. E. Petrilli. 1,923,744; Aug. 22.
- Internal combustion engine. A. D. Poole. 1,912,497; June 6.
- Internal combustion engine. A. W. Pope, jr. 1,907,663; May 9.
- Internal combustion engine. C. H. Powell. 1,910,813; May 23.
- Internal combustion engine. A. T. Prentice. 1,906,095; Apr. 25.
- Internal combustion engine. J. Puurmann. 1,914,787; June 20.
- Internal combustion engine. A. A. Reimann. 1,900,762; Mar. 7.
- Internal combustion engine. A. Renner. 1,925,003; Aug. 29.
- Internal combustion engine. W. Riehm. 1,940,700; Dec. 26.
- Internal combustion engine. T. S. Ringi. 1,931,557; Oct. 24.
- Internal combustion engine. C. A. Rosier. 1,893,682; Jan. 10.
- Internal combustion engine. O. S. Ruud. 1,901,263; Mar. 14.
- Internal combustion engine. J. Schaeffers. 1,900,133; Mar. 7.
- Internal combustion engine. J. Schaeffers. 1,905,062; Apr. 25.
- Internal combustion engine. J. Schick. 1,905,754; Apr. 25.
- Internal combustion engine. P. Schmaljohann. 1,919,572; July 25.
- Internal combustion engine. J. E. Sersté. 1,896,102; Feb. 7.
- Internal combustion engine. J. E. Sersté. 1,897,825; Feb. 14.
- Internal combustion engine. T. L. Sherman. 1,919,755; July 25.
- Internal combustion engine. I. Sklenár. 1,915,582; June 27.
- Internal combustion engine. E. A. Smith. 1,913,251; June 6.
- Internal combustion engine. G. W. Smith, jr. 1,903,485; Apr. 11.
- Internal combustion engine. J. E. Smith. 1,924,467; Aug. 29.
- Internal combustion engine. W. E. Swenson. 1,929,265; Oct. 3.
- Internal combustion engine. E. S. and C. F. Taylor. 1,892,217; Feb. 28.
- Internal combustion engine. A. S. Terhaar. 1,897,182; Feb. 14.
- Internal combustion engine. B. Thulin. 1,919,488; July 25.
- Internal combustion engine. R. S. Thwalte. 1,934,284; Nov. 7.
- Internal combustion engine. M. Tibbetts. 1,899,447; Feb. 28.
- Internal combustion engine. M. Tibbetts. 1,916,086; June 27.
- Internal combustion engine. M. Tibbetts. 1,919,348; July 25.
- Internal combustion engine. M. Tibbetts. 1,933,286; Oct. 31.
- Internal combustion engine. M. Tibbetts. 1,937,801; Dec. 5.
- Internal combustion engine. W. P. Valentine. 1,912,604; June 6.
- Internal combustion engine. J. G. Vincent. 1,903,603; Apr. 11.
- Internal combustion engine. J. G. Vincent. 1,916,084; June 27.
- Internal combustion engine. J. G. Vincent. 1,930,025; Oct. 10.
- Internal combustion engine. J. G. Vincent. 1,936,698; Nov. 28.
- Internal combustion engine. H. E. Wacker. 1,940,895; Dec. 26.
- Internal combustion engine. H. H. Waters and R. F. Gagg. 1,901,618; Mar. 14.
- Internal combustion engine. E. W. Weidner. 1,893,045; Jan. 3.
- Internal combustion engine. C. H. Wiegman. 1,938,268; Dec. 5.
- Internal combustion engine. F. Weinberg. 1,939,614; Dec. 12.
- Internal combustion engine. A. Widmann. 1,938,948; Dec. 12.
- Internal combustion engine. R. Wishon. 1,915,638; June 27.

- Internal combustion engine. L. M. Wolf. 1,914,707; June 20.
- Internal combustion engine. L. M. Woolson. 1,896,387; Feb. 7.
- Internal combustion engine. L. M. Woolson. 1,899,431; Feb. 28.
- Internal combustion engine. L. M. Woolson. 1,900,968; Mar. 14.
- Internal combustion engine. L. M. Woolson. 1,903,079-80; Mar. 28.
- Internal combustion engine. L. M. Woolson. 1,903,411-13; Apr. 4.
- Internal combustion engine. L. M. Woolson. 1,907,696; May 9.
- Internal combustion engine. L. M. Woolson. 1,909,032; May 16.
- Internal combustion engine. L. M. Woolson. 1,910,375; May 23.
- Internal combustion engine. L. M. Woolson. 1,912,507; June 6.
- Internal combustion engine. L. M. Woolson. 1,916,292; July 4.
- Internal combustion engine. L. M. Woolson. 1,918,075; July 11.
- Internal combustion engine. L. M. Woolson. 1,918,076; July 11.
- Internal combustion engine. L. M. Woolson. 1,919,286; July 25.
- Internal combustion engine. L. M. Woolson. 1,928,774-5; Oct. 3.
- Internal combustion engine. L. M. Woolson. 1,931,215; Oct. 17.
- Internal combustion engine. L. M. Woolson. 1,932,331; Oct. 24.
- Internal combustion engine. L. M. Woolson. 1,933,292-3; Oct. 31.
- Internal combustion engine. L. M. Woolson. 1,933,612-13; Nov. 7.
- Internal combustion engine. L. M. Woolson. 1,935,171; Nov. 14.
- Internal combustion engine. L. M. Woolson. 1,937,740; Dec. 5.
- Internal combustion engine. L. M. Woolson. 1,938,270-5; Dec. 5.
- Internal combustion engine. V. F. Zahodiakin. 1,913,063; June 6.
- Internal combustion engine. V. F. Zahodiakin. 1,916,550; July 4.
- Internal combustion engine, Air-cooled. G. C. Cappa. 1,903,979; Apr. 18.
- Internal combustion engine, Air cooled. G. O. Hoyer. 1,910,834; May 23.
- Internal combustion engine, Air cooled. E. S. Marks. 1,910,346; May 23.
- Internal combustion engine, Air cooled. J. B. Powers. 1,904,880; Apr. 18.
- Internal combustion engine, Double acting. A. Buchi. 1,938,737; Dec. 12.
- Internal combustion engine, Double acting. C. P. Clark, and C. A. Bjornsson. 1,904,854; Apr. 18.
- Internal combustion engine, Exhaust turbo-charged, double-acting. A. Buchi. 1,921,906; Aug. 8.
- Internal combustion engine, Four-stroke. V. A. Kjaer. 1,927,368; Sept. 19.
- Internal combustion engine, Four-stroke. R. Pawlikowski. 1,914,672; June 20.
- Internal combustion engine, Liquid fuel. L. O. French. 1,892,880; Jan. 3.
- Internal combustion engine, Multicylinder. J. A. H. Barkeij. 1,923,018; Aug. 15.
- Internal combustion engine, Multicylinder. E. Mandler. 1,903,719; Apr. 11.
- Internal combustion engine, Radial cam type. W. J. Perry. 1,904,680; Apr. 18.
- Internal combustion engine, Rotary. C. Bancroft. 1,919,355; July 25.
- Internal combustion engine, Rotary. A. W. Daw. 1,928,994; Oct. 3.
- Internal combustion engine, Rotary. E. C. Duer. 1,902,768; Mar. 21.
- Internal combustion engine, Rotary. A. J. Northey. 1,923,500; Aug. 22.
- Internal combustion engine, Rotary. T. H. and W. E. Richter. 1,936,211; Nov. 21.
- Internal combustion engine, Rotary. W. I. Staaf, sr. 1,897,962; Feb. 14.
- Internal combustion engine, Two cycle. C. G. Curtis and E. R. Newton. 1,919,829; July 25.
- Internal combustion engine, Two-cycle. R. Hansen. 1,907,354; May 2.
- Internal combustion engine, Two-stroke. H. Heinzelmann. 1,928,018; Sept. 26.
- Internal combustion engine, Two-stroke cycle. O. Beyer. 1,933,002; Oct. 31.
- Internal combustion engine, Two-stroke cycle. W. De Wasmundt. 1,921,510; Aug. 8.
- Internal combustion engine, Variable stroke. J. H. K. and H. J. D. McCollum. 1,909,372; May 16.
- Internal combustion engine, Vertical multicylinder four-stroke cycle. C. Lindenberg. 1,940,427; Dec. 19.
- Internal combustion engine, Vertical opposed cylinder. J. L. Bogert. 1,939,036; Dec. 12.
- Internal combustion engines, Admission of air to the induction pipes of. E. Isdahl. 1,918,913; July 18.
- Internal combustion motor. H. A. Palmer. 1,914,284; June 13.
- Internal combustion motor. H. R. Schroeder. 1,900,466; Mar. 7.
- Internal combustion motor, Air-cooled rotary. J. L. Gray. 1,912,634; June 6.
- Internal combustion motor, Rotary. A. H. Schaefer. 1,921,782; Aug. 8.
- Internal combustion rotary engine. R. J. Meyer. 1,909,880; May 16.
- Internal emergency shut-off valve for tanks and actuating means therefor. A. W. Wheaton. 1,918,728; July 18.
- Internal expanding brake. J. S. Reynolds. 1,934,769; Nov. 14.
- Internal expanding clutch, Double band. A. Wittberger. 1,928,324; Sept. 26.
- Interrupter for current supply systems. B. Vilkomerson. 1,893,115; Jan. 3.
- Interrupter for ignition apparatus. F. Allendorff and K. Schweizer. 1,935,465; Nov. 14.
- Interrupter for ignition devices. F. Allendorff. 1,903,641; Apr. 11.
- Interrupter switch. K. Beer, E. Klaiber, and H. Arnold. 1,935,467; Nov. 14.
- Intestinal tract, Treatment of. L. G. Hadjopoulos. 1,939,166; Dec. 12.
- Intimate mixture or alloy. W. S. Murray and D. Gray. 1,934,730; Nov. 14.
- Inulin nitrate and method of producing. W. De C. Crater. 1,922,123; Aug. 15.
- Invalid handling appliance for bathtubs. J. H. Daley and A. B. Christensen. 1,934,117; Nov. 7.
- Invalid's chair. A. S. Edensword. 1,923,617; Aug. 22.
- Invalid's chair. D. King. 1,902,709; Mar. 21.
- Invertase preparation and making the same. L. Wallerstein. 1,919,675; July 25.
- Invertase preparations, Making. L. Wallerstein. 1,919,676; July 25.
- Inverter for sheet materials. C. E. Ives. 1,915,672; June 27.
- Investment. R. L. Coleman and L. J. Weinstein. 1,932,202; Oct. 24.
- Iodides, Preparing. J. H. van der Meulen. 1,918,622; July 18.
- Iodine and/or bromine from solutions containing same, Recovery of. F. G. Cottrell. 1,921,564; Aug. 8.
- Iodine composition. W. L. Chandler. 1,925,135; Sept. 5.
- Iodine from brines, Selective recovery of. F. K. Randolph. 1,907,333; May 2.
- Iodine from dispersion in a liquid medium, Removing. H. H. Dow. 1,916,922; July 4.
- Iodine from natural waters and the like, Extracting. L. C. Chamberlain. 1,922,693; Aug. 15.
- Iodine from natural waters and the like, Recovering. L. C. Chamberlain. 1,897,031; Feb. 14.
- Iodine preparation and making the same. J. C. Harry. 1,896,171; Feb. 7.
- Iodine, Preparation of pure. C. W. Jones. 1,936,553; Nov. 21.
- Iodine, Purifying. C. W. Jones. 1,895,929; Jan. 31.
- Iodine, Recovering. C. W. Jones. 1,907,975; May 9.
- Ions, Method and apparatus for producing. F. G. Cottrell. 1,914,883; June 20.
- Iron and chromium chlorides, Separation of. J. C. Michalek. 1,924,129; Aug. 29.
- Iron and producing the same, Pearlitic cast. H. A. Mitchell and J. L. Cawthon, jr. 1,910,034; May 23.
- Iron and producing the same, Stainless. W. H. Keen. 1,905,721; Apr. 25.
- Iron and steel alloys, Manufacture of. J. C. Vignos. 1,925,886; Sept. 5.
- Iron and steel and making the same, Alloy plated. B. R. Hauelsen and J. C. Patten. 1,904,732; Apr. 18.
- Iron and steel articles, Rust proofing. L. P. Curtin and B. L. Kline. 1,895,563; Jan. 31.
- Iron and steel, Deoxidizing. F. G. Norris. 1,938,716; Dec. 12.
- Iron and stripper, Baking. H. G. Tatosian. 1,936,649; Nov. 28.
- Iron and support, Electric. L. Marshall. 1,937,901; Dec. 5.
- Iron, Antisplit. R. Faries and F. C. Krell. 1,925,238; Sept. 5.
- Iron, Apparatus for making wrought. F. H. Wille. 1,933,577; Nov. 7.
- Iron appliance, Electric. E. Gernert. 1,926,989; Sept. 12.
- Iron article of manufacture, Surface hardened cast. M. L. A. Babinet. 1,924,344; Aug. 29.
- Iron baths, Treating. H. Bansen, and K. Lobbbecke. 1,940,341; Dec. 19.
- Iron, Chair. H. W. Bolens. 1,893,929; Jan. 10.
- Iron chlorides and sulphur dioxide from iron pyrites and dilute chlorine, Making. C. F. Prutton. 1,936,543; Nov. 21.
- Iron chlorides, Preparing anhydrous. C. F. Prutton. 1,938,461; Dec. 5.
- Iron control, Electric. J. F. Hinds. 1,929,312; Oct. 3.
- Iron, Cooking. C. C. Naeye. 1,939,017; Dec. 12.
- Iron, Curling. A. Siegrist. 1,925,504; Sept. 5.
- Iron, Electric. R. Fleming. 1,918,693; July 18.
- Iron, Electric. J. Gordon. 1,909,343; May 16.
- Iron, Electric. A. Iannelli. Des. 90,886; Oct. 17.
- Iron, Electric. F. Kuhn and L. H. Thomas. 1,915,131; June 20.

- Iron, Electric. F. Kuhn and L. H. Thomas. 1,916,673; July 4.
- Iron, Electric. H. K. Warner and G. R. Elliott. 1,901,385; Mar. 14.
- Iron, Electric self-feeding. C. Stedley. 1,928,576; Sept. 26.
- Iron, Electric soldering. E. H. Lindholm. 1,909,061; May 16.
- Iron, Electric soldering. W. L. Lofthouse. 1,927,570; Sept. 19.
- Iron, Electrically heated puff. S. Caplan. 1,928,927; Oct. 3.
- Iron, Electrically-heated soldering. F. Dupau. 1,906,225; May 2.
- Iron electrolytically, Depositing. F. Pawlek. 1,937,068; Nov. 28.
- Iron, Fender. W. L. Brown. 1,895,647; Jan. 31.
- Iron for bound edges, and method of ironing therewith. C. S. Vita. 1,933,287; Oct. 31.
- Iron from iron and sulphur carrying metallurgical products, especially ores, Recovery of. E. J. Kohlmeier. 1,925,391; Sept. 5.
- Iron from solutions of chromium salts, Removing. R. Meyer and J. Schäfer. 1,909,865; May 16.
- Iron from sulphur, Purifying. R. H. von Seth and B. M. S. Kalling. 1,923,286; Aug. 22.
- Iron, Griddle. R. T. Ganary. Des. 90,364; July 25.
- Iron, Griddle. R. T. Ganary. Des. 91,189; Dec. 19.
- Iron handle. A. S. Knapp. 1,940,755; Dec. 26.
- Iron, Heat and shock resisting case. S. W. Ewing and H. A. Schwartz. 1,931,109; Oct. 17.
- Iron, Manufacture of malleable. W. Cotterill. 1,938,516; Dec. 5.
- Iron, Manufacture of rustless. A. L. Feild. 1,925,182; Sept. 5.
- Iron or its carbide compounds and of Portland cement or hydraulic limes, Simultaneous manufacture of. L. P. Basset. 1,897,881; Feb. 14.
- Iron or steel and making or treating same. J. R. C. Marsh. 1,920,909; Aug. 1.
- Iron or steel article and making the same. Coated. E. J. P. Fisher and C. C. Crane. 1,910,385; May 23.
- Iron or steel, Carburizing. E. G. Mahin. 1,921,367; Aug. 8.
- Iron ores, Treating. E. W. Wescott. 1,904,583; Apr. 18.
- Iron oxide pigments, Production of. V. Frazee. 1,923,362; Aug. 22.
- Iron, Pressing. F. J. Clark. 1,905,804; Apr. 25.
- Iron, Producing and melting sponge. A. E. Greene. 1,920,379; Aug. 1.
- Iron roll, Chilled. W. H. Pfeil. 1,898,390; Feb. 21.
- Iron, Soldering. A. Amundsen. 1,928,522; Sept. 26.
- Iron, Soldering. F. Hess. 1,906,852; May 2.
- Iron, Soldering. R. B. Hornack. 1,928,129; Sept. 26.
- Iron, Soldering. L. L. Jones. 1,904,051; Apr. 18.
- Iron, Soldering. H. B. Ring. 1,934,885; Nov. 14.
- Iron stand. M. Smolko. 1,903,601; Apr. 11.
- Iron stand. R. F. Wuenker. 1,927,431; Sept. 19.
- Iron-sulphide bearing material, Treatment of. R. F. Bacon and I. Bencowitz. 1,917,223; July 11.
- Iron-sulphide bearing material, Treatment of. R. F. Bacon and I. Bencowitz. 1,917,228; July 11.
- Iron-sulphide bearing material, Treatment of. R. F. Bacon and R. Fanelli. 1,917,229; July 11.
- Iron-sulphide bearing material, Treatment of. R. F. Bacon and H. T. Hotchkiss, jr. 1,917,222; July 11.
- Iron-sulphide bearing material, Treatment of. R. F. Bacon and H. T. Hotchkiss, jr. 1,917,233; July 11.
- Iron sulphide material and making the same. J. R. Cain and S. W. Yates. 1,904,915; Apr. 18.
- Iron tetracarbonyl, Manufacturing. J. E. Muth. 1,924,453; Aug. 29.
- Iron, Thermostatically governed electric laundry. G. Browning. 1,908,401; May 9.
- Iron work climber, Structural. J. Hein. 1,895,571; Jan. 31.
- Ironer. L. Ringer. 1,894,242; Jan. 10.
- Ironer attachment for washers. S. S. Holland. 1,905,870; Apr. 25.
- Ironer attachment for washing machines. S. S. Holland. 1,913,549; June 13.
- Ironer, Flatwork. C. E. Hamilton, sr. Des. 19,004; Nov. 21.
- Ironer, Flat work. C. E. Hamilton, sr. 1,911,617; May 30.
- Ironer, Garment leg. J. H. and G. H. Leef. 1,937,656; Dec. 5.
- Ironing and aerating press. C. O. Reeps. 1,894,422; Jan. 17.
- Ironing and pressing appliance, Padded. E. O. Bayton. 1,926,803; Sept. 12.
- Ironing and pressing machine. C. J. Shimer. 1,923,800; Aug. 22.
- Ironing and steaming device. A. Schmidt. 1,907,398; May 2.
- Ironing board. L. C. Larson. 1,895,264; Jan. 24.
- Ironing board. R. Poll. 1,909,891; May 16.
- Ironing board. S. Sheffeld. 1,911,327; May 30.
- Ironing board. L. Sorensen. 1,897,081; Feb. 14.
- Ironing board. G. Spies. 1,895,558; Jan. 31.
- Ironing board. T. S. Swarts. 1,927,351; Sept. 19.
- Ironing board, Collapsible. C. A. Forney. 1,910,006; May 23.
- Ironing board, Concealed. M. Racine. 1,892,963; Jan. 3.
- Ironing board pad. A. H. Prenzel. 1,895,731; Jan. 31.
- Ironing board structure. C. A. Rich. 1,894,423; Jan. 17.
- Ironing board with stabilizing means. C. A. Rich. 1,894,424; Jan. 17.
- Ironing machine. W. J. Asher. 1,937,421; Nov. 28.
- Ironing machine. W. M. Emery. 1,925,869; Sept. 5.
- Ironing machine. J. Gordon. 1,930,800; Oct. 17.
- Ironing machine. J. T. Hume. 1,937,572; Dec. 5.
- Ironing machine. C. E. Hamilton, sr. 1,931,533; Oct. 24.
- Ironing machine. P. Perry. 1,909,628; May 16.
- Ironing machine. E. C. Peter and J. A. Castricone. 1,921,301; Aug. 8.
- Ironing machine. J. C. Suber. 1,934,570; Nov. 7.
- Ironing machine. H. F. Tol. 1,903,691; Apr. 11.
- Ironing machine. R. N. West. 1,893,190; Jan. 3.
- Ironing machine. C. G. Westwood. 1,941,131; Dec. 26.
- Ironing machine and attachments therefor. R. W. Janda. 1,926,100; Sept. 12.
- Ironing machine and heating same. A. W. Nelson. 1,925,702; Sept. 5.
- Ironing machines, Fabric spreader and feeder for. F. J. Couch. 1,925,582; Sept. 5.
- Ironing pad. C. E. Hamilton, sr. 1,931,539; Oct. 24.
- Ironing press and neckband holder. H. Cooper. 1,928,753; Oct. 3.
- Ironing table. J. E. Kalgren. 1,895,164; Jan. 24.
- Ironing table. J. E. Kalgren. 1,927,685; Sept. 19.
- Ironing table, Folding. J. F. Dorau. 1,905,551; Apr. 25.
- Irradiation tube, Combination irrigation and ultraviolet. T. W. Robinson. 1,939,413; Dec. 12.
- Irrigating device. T. D. Allen. 1,918,681; July 18.
- Irrigating implement. O. H. Starnier and H. P. Starnier. 1,937,172; Nov. 28.
- Irrigation and drainage system. N. A. Heacock. 1,895,324; Jan. 24.
- Irrigation apparatus. A. J. Cawley. 1,911,431; May 30.
- Irrigation device. J. H. Kaufman. 1,935,295; Nov. 14.
- Irrigation gate. W. R. Sherman. 1,896,331; Feb. 7.
- Irrigator. C. E. Ziegler. 1,926,608; Sept. 12.
- Irrigator, Mechanical. O. Melin. 1,902,412; Mar. 21.
- Irrigator, Shrubbery. O. E. Anderson. 1,925,622; Sept. 5.
- Isatine compound. N. Steiger and W. Brunner. 1,938,055; Dec. 5.
- Isle, floating bridge, floating dock, and similar construction, Floating. A. Schneider. 1,908,714; May 16.
- Iso cyanates. J. Hilger. 1,916,314; July 4.
- Isomeric mono-chloro-ortho-hydroxy-diphenyls, Separating. E. C. Britton and F. Bryner. 1,921,727; Aug. 8.
- Isomers of lobelia alkaloids, their derivatives and allied compounds, Separation of the optically active. H. Wieland. 1,915,174; June 20.
- Ivory and making the same, Imitation. O. Pantke. 1,909,788; May 16.
- Jack: See—
- Auto jack. Pump jack.
- Automatic jack. Pumping jack.
- Automatic vehicle jack. Screw jack.
- Automobile jack. Shoe jack.
- Boot jack. Shoe supporting jack.
- Conveying jack. Spring jack.
- Drive gear jack. Stretcher jack.
- Hydraulic jack. Transmission jack.
- Journal box jack. Triple lift jack.
- Ladder jack. Vehicle carried jack.
- Lifting jack. Vehicle jack.
- Jack. C. E. Berglund. 1,926,610; Sept. 12.
- Jack. F. J. Bullis. 1,893,728; Jan. 10.
- Jack. M. Dwork. 1,905,624; Apr. 25.
- Jack. E. C. Goebert. 1,936,596; Nov. 28.
- Jack. M. T. Goss. 1,928,533; Sept. 26.
- Jack. T. Hill and E. H. Zimmerman. 1,917,585; July 11.
- Jack. D. Knox. 1,930,363; Oct. 10.
- Jack. L. Lebel. 1,907,208; May 2.
- Jack. W. B. Runyan. 1,908,058; May 9.
- Jack. A. Saeed. 1,908,793; May 16.
- Jack. F. L. Shire. 1,938,404; Dec. 5.
- Jack. R. Statz. 1,900,528; Mar. 7.
- Jack. W. W. Twomey. 1,933,488; Oct. 31.
- Jack attachment. E. M. Graves. 1,941,395; Dec. 26.
- Jack attachment, Lifting. C. R. Allen. 1,939,533; Dec. 12.
- Jack and bumper, Combined. A. C. Hoecker. Des. 90,659; Sept. 12.
- Jack and clamp, Combined floor. H. K. Christ. 1,918,017; July 11.
- Jack and shock absorbing structure, Combination. A. B. Walter. 1,902,740; Mar. 21.
- Jack assembly. S. M. Kenerson. 1,911,513; May 30.
- Jack for semitrailers. L. E. Williams. 1,925,827; Sept. 5.
- Jack for vehicles, Lifting. D. W. Sessions. 1,896,977; Feb. 7.
- Jack lift and truck mechanism for motor vehicles, Auxiliary. A. H. Wellensiek. 1,896,118; Feb. 7.
- Jack post. R. G. Hamaker. 1,904,307; Apr. 18.
- Jacket, Sick room. J. M. Purcell. 1,930,212; Oct. 10.
- Jacketed apparatus for converting organic matter. J. B. Goldsborough. 1,919,836; July 25.
- Jacking apparatus. J. Gutmann, jr. 1,893,890; Jan. 10.
- Jacking attachment. M. Dwork. 1,928,171; Sept. 26.
- Jacking device for road vehicles. J. F. Stevenson and G. Bowman. 1,893,848; Jan. 10.
- Jacks, Combination sliding subbase and scraper for auto. W. B. Mitchell. 1,903,341; Apr. 4.
- Jacquards, Card saving motion for. J. Menschner. 1,911,523; May 30.

- Jail construction, Opposed door. H. D. Garber. 1,908,234; May 9.
- Jail lock. A. Main. 1,896,523; Feb. 7.
- Jail lock. A. Main. 1,917,136; July 4.
- Jam, custard or other material in predetermined quantities, Intermittently delivering. E. Christiansen. 1,923,188; Aug. 22.
- Jamb construction, Metal. I. A. Baum. 1,905,125; Apr. 25.
- Jamb, Metal door. E. G. Reinhardt. 1,919,392-3; July 25.
- Joint: See—
- Nonswiveling jar.
- Jar. J. S. Algeo. Des. 90,934; Oct. 31.
- Jar. L. F. Cato and W. B. Repert. 1,941,337; Dec. 26.
- Jar. J. B. Clark. Des. 89,437; Mar. 14.
- Jar. I. Cordy. Des. 89,630; Apr. 18.
- Jar. I. Cordy. Des. 90,176; June 20.
- Jar. E. W. Fuerst. Des. 89,885; May 16.
- Jar. E. W. Fuerst. Des. 91,063; Nov. 21.
- Jar. G. A. Mengle. Des. 90,122; June 13.
- Jar. O. C. Noble. Des. 90,208-9; June 27.
- Jar. F. Smith. Des. 89,420; Mar. 7.
- Jar. F. Smith. Des. 89,976; May 23.
- Jar. F. Smith. Des. 90,263; July 4.
- Jar. F. Smith. Des. 90,512; Aug. 15.
- Jar. F. J. Stayton. Des. 89,074; Jan. 17.
- Jar and closure therefor. L. F. Crabbe. 1,900,803; Mar. 7.
- Jar, Ant. F. H. Haradon. 1,925,187; Sept. 5.
- Jar cap tightener. E. O. French. 1,940,538; Dec. 19.
- Jar cap wrench. W. J. Adams. 1,919,708; July 25.
- Jar clamp. J. M. Rutledge. 1,912,500; June 6.
- Jar closure. R. Pfister. 1,939,569; Dec. 12.
- Jar cover. P. L. Chandler. 1,925,789; Sept. 5.
- Jar for valves. C. C. Brown and E. Gray. 1,931,751; Oct. 24.
- Jar, Fruit. G. A. Mengle. Des. 91,247; Dec. 26.
- Jar, Glass. F. J. Petty. Des. 90,045; May 30.
- Jar, Glass. F. J. Petty. Des. 90,379; July 25.
- Jar handling means, Preserving. S. E. Schlott. 1,905,064; Apr. 25.
- Jar lifter and top remover, Combined. J. J. Elster. 1,912,975; June 6.
- Jar, Nonswiveling. T. W. Bell. 1,914,320; June 13.
- Jar opening means. F. Sabatine. 1,932,147; Oct. 24.
- Jar or similar article. H. Dreyfuss. Des. 88,905; Jan. 3.
- Jar or similar container. H. R. McDonald. Des. 90,290; July 11.
- Jar or similar container. W. Van Winkle. Des. 91,095; Nov. 21.
- Jar or the like, Cosmetic. E. Whitney. Des. 90,903; Oct. 17.
- Jar rings, Method of and apparatus for separating and aligning. W. J. Baker. 1,935,236; Nov. 14.
- Jar, Rotary. F. W. Harris. 1,901,513; Mar. 14.
- Jar, Rotary. F. J. Kightlinger. 1,927,836; Sept. 26.
- Jar tongs or hook. N. J. Cekorich. 1,913,263; June 6.
- Jar wrench, Screw cap. J. R. Swenson. 1,913,906; June 13.
- Jarring tool. I. J. McCullough. 1,895,227; Jan. 24.
- Jars, Apparatus for vacuumizing and sealing. L. D. Sou-bier. 1,940,635; Dec. 19.
- Jars from concrete, Apparatus for making. H. Horine. 1,914,858; June 20.
- Jaw wrench, Adjustable. H. A. Mead. 1,900,358; Mar. 7.
- Jaw wrench, Immovable. F. Dixon. 1,936,352; Nov. 21.
- Jellies, Manufacture of. M. J. Walsh. 1,913,576; June 13.
- Jelly, preserves, or the like in containers, and product for such use, Sealing. M. Grant. 1,911,020; May 23.
- Jet pump. J. Brooks. 1,938,008; Dec. 5.
- Jewel and setting therefor. L. M. Zell. 1,904,259; Apr. 18.
- Jewel setting device. J. A. and W. A. Devendor. 1,908,824; May 16.
- Jewelry. A. Katz. 1,937,347; Nov. 28.
- Jewelry. H. L. Miskend. 1,920,875; Aug. 1.
- Jewelry and manufacturing the same, Article of. G. de Gennaro. 1,919,095; July 18.
- Jewelry, Article of. P. Benjamin. 1,900,425; Mar. 7.
- Jewelry box. J. M. Shields. 1,906,822; May 2.
- Jewelry display device. C. H. Scruggs. 1,900,467; Mar. 7.
- Jewelry display device. J. R. Sundee. 1,907,681; May 9.
- Jewelry pendant, Novelty. M. Goldman. Des. 89,953; May 23.
- Jig. J. S. Pecker. 1,897,495; Feb. 14.
- Jig and fixture lock. F. W. Kuppersmith. 1,900,852; Mar. 7.
- Jig, Doweling. B. E. Smith. 1,917,668; July 11.
- Jiggers. A. O. Austin. 1,937,184; Nov. 28.
- Jig-saw puzzle blank. E. S. Cascadden. Des. 90,798-800; Oct. 3.
- Jig-saw puzzle holder. M. J. Gartland. 1,904,724; Apr. 18.
- Jigger conveyer. E. Ridgill. 1,909,317; May 16.
- Jodhpur and like garment. C. Emms. 1,893,470; Jan. 3.
- Joint: See—
- Ball and socket expansion joint.
- Ball and socket joint.
- Ball joint.
- Bonded restricted joint.
- Cable joint.
- Concrete joint.
- Concrete pipe joint.
- Conical joint.
- Contraction joint.
- Drill pipe joint.
- Expansion and contraction joint.
- Expansion joint.
- Flexible joint.
- Frangible joint.
- Gas tight joint.
- Glass-to-metal joint.
- Leaded window trussed joint.
- Lock joint.
- Metal joint.
- Miter joint.
- Obtuse angle joint.
- Oil stop electric cable joint.
- Oscillating joint.
- Oscillating pivot joint.
- Pipe joint.
- Pipe joint.
- Pipe stem joint.
- Rail joint.
- Rivot joint.
- Rod joint.
- Spring eye joint.
- Steam joint.
- Steel hose joint.
- Stovepipe joint.
- Structural joint.
- Swivel elbow joint.
- Swivel joint.
- Top prop joint.
- Trimming joint.
- Universal joint.
- Waterproof joint.
- Watertight joint.
- Welded pipe joint.
- Well pipe joint.
- Joint. W. A. Flumerfelt. 1,894,309; Jan. 17.
- Joint. D. E. Linquist. 1,931,666; Oct. 24.
- Joint. D. E. Linquist and W. M. Robinson. 1,933,915; Nov. 7.
- Joint. E. G. Schaeffer. 1,897,914; Feb. 14.
- Joint. E. F. Tilley. 1,939,373; Dec. 12.
- Joint and forming it, Metallic. W. B. Klemperer. 1,934,673; Nov. 7.
- Joint and forming the same, Metal. S. I. Vaughn. 1,902,111; Mar. 21.
- Joint and making same, Pipe. B. R. Barder. 1,904,967; Apr. 18.
- Joint and making the same, Compression. C. C. Sunderland. 1,910,269; May 23.
- Joint and supporting structure for illuminating devices, Universal. P. A. and C. D. Nirdlinger, and E. M. Miller. 1,901,527; Mar. 14.
- Joint assemblies, Universal. C. E. Swenson. 1,925,419; Sept. 5.
- Joint bar, Railway. C. W. Breed and G. R. Burkhardt. Re13,786; Apr. 4.
- Joint bars, Shearing and reforming continuous. E. M. Livingston. 1,934,077; Nov. 7.
- Joint cleaning and finishing tool, Road pavement. E. M. Cruz. 1,899,183; Feb. 28.
- Joint cleaver. G. A. Deane. 1,899,231; Feb. 28.
- Joint construction. M. Nuberg. 1,900,460; Mar. 7.
- Joint construction for shovel handles and the like. C. E. Patchell. 1,906,218; Apr. 25.
- Joint construction, Swivel. E. W. Patterson. 1,912,494; June 6.
- Joint fastener, Tack pointed flanged. J. S. McChesney. 1,934,134; Nov. 7.
- Joint fillers, Art and product of masonry. C. F. Lytle. 1,909,202; May 16.
- Joint fitting. C. E. Hathorn. 1,941,348; Dec. 26.
- Joint for all metal rotary hose for oil wells. C. G. Banks. 1,894,390; Jan. 17.
- Joint for barrels and the likes. D. T. Morgan. 1,921,768; Aug. 8.
- Joint for cast iron pipe, High pressure. G. B. Weaver. 1,911,659; May 30.
- Joint for concrete and similar pipe. R. Burnett. 1,940,579; Dec. 19.
- Joint for concrete roads, Expansion. A. C. Fischer. 1,903,756; Apr. 18.
- Joint for extension rules, Yielding. H. M. Gasstrom. 1,900,640; Mar. 7.
- Joint for fluid pipes, Swivel. H. J. Ernst. 1,907,099; May 2.
- Joint for heater coils. C. A. Olson. 1,921,259; Aug. 8.
- Joint for high tension electric cables. W. Pfannkuch. 1,895,396; Jan. 24.
- Joint for high tension underground cables. E. D. Eby. 1,905,691; Apr. 25.
- Joint for members provided in a wall separating spaces of different pressures. H. G. Stintzing and E. Huber. 1,904,392; Apr. 18.
- Joint for metal pipes, Lock. A. C. Sladky. 1,900,749; Mar. 7.
- Joint for pavement and the like, Expansion. C. Older. 1,918,554; July 18.
- Joint for pavements and the like, Expansion. A. Skinner. 1,911,931; May 30.
- Joint for pipe lines, Ball. O. C. Goeriz. 1,906,575; May 2.
- Joint for pipe, tubes, and the like. J. H. Elliott and I. D. Jack. 1,938,286; Dec. 5.
- Joint for pipes. H. Kreidel. 1,904,866; Apr. 18.
- Joint for pipes and the like. J. H. G. Burmeister. 1,940,074; Dec. 19.
- Joint for pipes, Precaulked extensible. W. A. Whitting. 1,900,145; Mar. 7.
- Joint for pipings, Tight. O. Bihet. 1,924,020; Aug. 22.
- Joint for resisting high pressures. S. R. Boyce and F. S. Lundy. 1,937,329; Nov. 28.
- Joint for sectional construction, Interlocking. C. B. Hansen. 1,940,086; Dec. 19.
- Joint for sheathed high tension cables, Fluid stop. E. D. Eby. 1,896,841; Feb. 7.
- Joint for sheet piling, Welded lock. A. Fricke. 1,898,767; Feb. 21.
- Joint for superheaters or the like. E. E. Hoenstine. 1,892,781; Jan. 3.
- Joint for tie rods and the like, Universal. O. U. Zerk. 1,928,919; Oct. 3.
- Joint for toy blocks. L. Johnson, Jr. 1,932,074; Oct. 24.
- Joint, Forming a pipe. R. H. Mueller. 1,918,417; July 18.

- Joint, Making a universal. R. G. Urch. 1,908,086; May 9.
- Joint member, Expansion. N. P. Harshberger. 1,913,235; June 6.
- Joint, method and apparatus for the installation of the same, Expansion. C. Older. 1,903,608; Apr. 11.
- Joint or bearing, Self-aligning spherical. H. R. Ricardo. 1,900,617; Mar. 7.
- Joint or seam construction for drier felts and the like. J. K. Diamond. 1,932,203; Oct. 24.
- Joint packing box, Flexible. W. B. Tinsley. 1,917,742; July 11.
- Joint pipe, Splitproof tapered machine. L. W. Saine. 1,913,246; June 6.
- Joint prepared from bituminous substitutes, Premolded expansion. A. C. Fischer. 1,911,139; May 23.
- Joint sealing device, Pipe. P. D. Merrill. 1,909,297; May 16.
- Joint stiffness and atrophy of the muscles when treating bone fractures, Apparatus for preventing. M. Tiegel. 1,928,515; Sept. 26.
- Joint-structure for pavements, floors, and the like, Expansion. C. B. Shanley. 1,928,302; Sept. 26.
- Joint, Tie rod ball. G. H. Hufford, F. C. Crawford, and M. P. Graham. 1,918,394; July 18.
- Joint with adjustable bushings, Universal. V. P. Williams. 1,899,840; Feb. 28.
- Joint with lubricating shroud, Universal. V. P. Williams. 1,913,733; June 13.
- Joints in pipe, Apparatus for making expansion. J. H. Taylor. 1,910,652; May 23.
- Joints, Method of and apparatus for assembling universal. R. H. Rosenberg. 1,940,885; Dec. 26.
- Joints, Process and machine for manufacturing oscillating. F. J. Lamborn and F. J. Ruppel. 1,913,933; June 13.
- Joist, Bar. T. A. Lucy. 1,907,209; May 2.
- Joist, beam, girder, and the like. K. W. McHose. 1,918,345; July 18.
- Joist bridging. C. T. Hatch. 1,934,708; Nov. 14.
- Joist construction, Floor or roof. H. F. Young. 1,936,147; Nov. 21.
- Joist, Metallic. A. Kerr. 1,915,424; June 27.
- Joists and the like, Electrically welding. G. A. Hughes. 1,939,395; Dec. 12.
- Joke buzzer. A. Weill. 1,931,683; Oct. 24.
- Journal bearing. S. W. Crawford. 1,908,122; May 9.
- Journal bearing for railway cars. S. H. Campbell, F. K. Habenicht, and F. H. Pietzsch. 1,918,379; July 18.
- Journal bearing, Interchangeable. A. M. Guillot. 1,907,960; May 9.
- Journal box. D. S. Barrows. 1,914,475; June 20.
- Journal box. E. H. Blattner and E. R. Oeschger. 1,940,042; Dec. 19.
- Journal box. J. G. Blunt. 1,911,791; May 30.
- Journal box. R. J. Brittain, jr., and O. W. Young. 1,899,010; Feb. 28.
- Journal box. R. J. Brittain, jr., and O. W. Young. 1,910,518; May 23.
- Journal box. A. O. Buckius. 1,940,204; Dec. 19.
- Journal box. H. T. Casey. 1,922,015; Aug. 8.
- Journal box. G. F. Couch. 1,922,016; Aug. 8.
- Journal box. G. F. Couch. 1,940,623; Dec. 19.
- Journal box. C. C. Dibble. 1,917,510; July 11.
- Journal box. P. W. Dieter. 1,935,546; Nov. 14.
- Journal box. J. J. Hennessy. 1,938,333; Dec. 5.
- Journal box. C. D. Young. 1,910,274; May 23.
- Journal box and cover. T. V. Buckwalter. 1,913,745; June 13.
- Journal box assembly, Railway. J. J. Melley and J. W. Chapman. 1,907,081; May 2.
- Journal box for railway equipment. J. D. Herr and L. A. Rowe. 1,907,808; May 9.
- Journal box, Interchangeable. O. J. Horger. 1,921,884; Aug. 8.
- Journal box jack. I. V. Hott. 1,898,630; Feb. 21.
- Journal box, Lateral motion. A. H. Oelkers. 1,937,293; Nov. 28.
- Journal box lid. A. N. Lukens. 1,930,650; Oct. 17.
- Journal box lid. J. L. Mobun. 1,922,597; Aug. 15.
- Journal box lid assembly. E. R. Viberg. 1,915,458; June 27.
- Journal box, Locomotive. A. F. Phelps. 1,902,720; Mar. 21.
- Journal box, Locomotive driving. O. B. Schoenky and R. U. Lipscomb. 1,913,996; June 13.
- Journal box, Plain roller-bearing. O. J. Horger. 1,921,883; Aug. 8.
- Journal box, Railway. A. E. Le Gare. 1,935,365; Nov. 14.
- Journal box, Roller bearing. A. O. Buckius. 1,924,270; Aug. 29.
- Journal box waste roll winding machine. C. W. Harris. 1,905,464; Apr. 25.
- Journal box waste with a definite oil content, Method and means to obtain reclaimed used. L. C. McNamara. 1,930,818; Oct. 17.
- Journal box wedge and brass. T. H. Symington. 1,925,778; Sept. 5.
- Journal boxes, Making. C. D. Young. 1,910,273; May 23.
- Journal construction. F. Adams. 1,910,664; May 23.
- Journal lubricator. J. J. Hennessy. 1,906,589; May 2.
- Journal lubricator. J. J. Hennessy. 1,914,637; June 20.
- Journal lubricator. F. W. Martin. 1,907,847; May 9.
- Journal protector, Car. M. E. Fitz Gerald. 1,893,279; Jan. 8.
- Jug. E. W. Fuerst. Des. 89,301; Feb. 21.
- Jug or similar article. J. C. Kelly. Des. 89,828; May 9.
- Jug or similar article, Cream. C. Kaiser. Des. 89,196; Feb. 7.
- Jug and lock therefor, Food. E. S. Johnson. 1,935,470; Nov. 14.
- Juice extractor. J. M. Majewski, jr. 1,939,307; Dec. 12.
- Juice extractor. E. H. Mitcham. 1,918,658; July 18.
- Juice extractor. L. H. Morin. 1,910,559; May 23.
- Juice extractor, Fruit. E. G. Streckfuss. Des. 89,363; Feb. 28.
- Juice from sugar cane, Process and apparatus for extracting. M. B. Spaulding. 1,911,246; May 30.
- Juices from fruits, Extracting. M. Ciampa. 1,941,164; Dec. 26.
- Jump-training device. P. B. Flynn. 1,902,995; Mar. 28.
- Junction box. J. A. Adell. 1,901,943; Mar. 21.
- Junction box. F. C. Lavarack. 1,923,939; Aug. 22.
- Junction box. W. H. B. Lavarack. 1,899,510; Feb. 28.
- Junction box. W. S. Thomas. 1,906,670; May 2.
- Juvenile tiring. H. B. Soulen. 1,921,548; Aug. 8.
- Kaleidoscope. H. J. Andresen. Des. 90,185; June 27.
- Kaoliang, Treating. E. Satake. 1,911,534; May 30.
- Keeper. D. W. Wood. 1,918,165; July 11.
- Keg, Metal. C. E. Carr and E. E. Schwarz. 1,915,183; June 20.
- Keg, Paper. H. C. Fisher and H. Fiedler. 1,923,716; Aug. 22.
- Kelly bar. H. R. Smith. 1,895,901; Jan. 31.
- Kerr cell. V. K. Zworykin. 1,939,532; Dec. 12.
- Keto-alcohols. R. H. Van Schaack, jr. 1,926,567; Sept. 12.
- Keto-derivatives of cholic acid, Producing. F. Boedecker, G. Revery, and H. Volk. 1,933,003; Oct. 31.
- Ketone and preparing it, Nitrogen containing cyclic. H. Greune, W. Eckert, H. Sieber, and G. Langbein. 1,931,192; Oct. 17.
- Ketone hydrazones and making the same. E. Herdieckerhoff and F. Ballauf. 1,935,712; Nov. 21.
- Ketones from esters, Preparation of. K. Roka. 1,926,632; Sept. 12.
- Ketones from impure volatile acids, Direct manufacture of. J. G. Manger. 1,904,495; Apr. 18.
- Ketones, Preparation of. C. O. Henke. 1,933,215; Oct. 31.
- Ketones, Production of. W. Querfurth. 1,929,331; Oct. 3.
- Ketones, Production of aliphatic-aromatic. R. Schmidt. 1,916,741; July 4.
- Ketoses from mixtures, Separation of. E. L. Helwig. 1,895,414; Jan. 24.
- Kettle, Corn popping. R. P. Humphrey. 1,911,622; May 30.
- Key. O. D. von Mehren. 1,899,739; Feb. 28.
- Key and coin container, Combination. L. C. Baldwin. 1,893,265; Jan. 3.
- Key and strip guide, Can opener. I. Epstein. 1,911,613; May 30.
- Key attachment, Door. W. Klotz. 1,893,948; Jan. 10.
- Key attachment for containers. F. A. Prahl and F. J. O'Brien. 1,907,364; May 2.
- Key, Automobile. E. Z. Wainwright, jr. 1,915,563; June 27.
- Keyboard for accordions. E. E. Peterson. 1,935,483; Nov. 14.
- Keyboard for registers. S. Hilder. 1,906,063; Apr. 25.
- Key board lock. E. G. Elliott. 1,917,511; July 11.
- Keyboard transmitter. E. P. Bancroft. 1,092,943; Mar. 28.
- Keyboard transmitter, Single contact. E. P. Bancroft. 1,915,280; June 27.
- Key bolt or self-locking pin. W. F. Cremean. 1,925,174; Sept. 5.
- Key, Brake-shoe. S. A. Crone. 1,897,632; Feb. 14.
- Key case. W. R. Buxton. 1,904,354; Apr. 18.
- Key case. W. R. Buxton. 1,922,755; Aug. 15.
- Key case. C. H. Howe. 1,908,846; May 16.
- Key clutch, Rotary. F. John. 1,903,049; Mar. 28.
- Key container. H. S. Burson. 1,911,261; May 30.
- Key container. N. S. Hillyard. 1,906,858; May 2.
- Key, cotter. J. W. Peterson. 1,903,129; Mar. 28.
- Key cutting machine. C. A. Haubroe. 1,895,849; Jan. 31.
- Key-cutting machine. G. A. Long. 1,925,723; Sept. 5.
- Key device for musical instruments having keys, Movable. E. Willems. 1,901,214; Mar. 14.
- Key ejecting mechanism. R. B. Smith. 1,917,778; July 11.
- Key fastener. J. W. Baldrige. 1,931,715; Oct. 24.
- Key for locks. J. H. Hendrix. 1,904,225; Apr. 18.
- Key for piano accordions, All metal. R. Rieschick. 1,904,768; Apr. 18.
- Key holder. D. Copell. 1,903,372; Apr. 4.
- Key holder. H. H. Murray. 1,898,202; Feb. 21.
- Key holder. E. W. Pritchard. 1,939,023; Dec. 12.
- Key holder. J. C. Vavrosky. 1,909,735; May 16.
- Key holder. B. M. Yankovitch. 1,914,318; June 13.
- Key holder. H. W. Zimmerman. 1,927,195; Sept. 19.
- Keyholder, Pocket. M. Goldsholl. Des. 89,695; Apr. 25.
- Key-holding case. M. Herzog. 1,908,352; May 9.
- Key, Lock. M. C. Maxwell and F. E. Thompson. 1,915,897; June 27.
- Key lock, Multiple. W. F. Diesel. 1,901,229; Mar. 14.
- Key locking lock. N. J. Saad. 1,909,427; May 16.
- Key mechanism for wood wind instruments. L. Leblanc. 1,926,489; Sept. 12.

- Key-operated device for radio systems. J. M. Schaefer. 1,906,106; Apr. 25.
- Key-operated switch. M. Guett. 1,929,311; Oct. 3.
- Key-operating mechanism for embossing machines and the like, Automatic. C. C. McCain. 1,930,058; Oct. 10.
- Key or slider for automatic fasteners or the like. A. B. Schachat. 1,929,078; Oct. 3.
- Key. Rail retaining. R. Faries and C. D. Young. 1,926,083; Sept. 12.
- Key retainer. C. Raw. 1,912,307; May 30.
- Key retainer. H. R. Segal. 1,924,134; Aug. 29.
- Key retainer. H. R. Segal. 1,934,889; Nov. 14.
- Key retainer, Cross coupler draft. S. L. Joiner. 1,918,107; July 11.
- Keysetting machine. W. J. Winston. 1,915,506; June 27.
- Key shocks, Elimination of. H. Roder. 1,921,859; Aug. 8.
- Key unlocking means for adding machines, Total. G. J. Barrett. 1,935,609; Nov. 21.
- Keying structure for motion picture projection machines. A. Dina. 1,921,866; Aug. 8.
- Keyless lock. E. M. Miller. 1,929,598; Oct. 10.
- Keys and the articles, Attaching. H. Hermani. 1,922,916; Aug. 15.
- Keys, Manufacture of container opening. J. M. Young. 1,936,611; Nov. 28.
- Keys to containers, Attaching. W. W. Hodgson. 1,936,018; Nov. 21.
- Kicker, Knee. E. V. Hoobler. 1,919,840; July 25.
- Kier. E. D. Jefferson. 1,904,921; Apr. 18.
- Kier. E. S. Rusden and K. A. Johnson. 1,931,119; Oct. 17.
- Kiln. J. S. Hollowell. 1,895,795; Jan. 31.
- Kiln. H. C. Kleymeyer. 1,913,599; June 15.
- Kiln. L. L. Ladd. 1,903,117-18; Mar. 28.
- Kiln. H. M. Robertson. 1,911,089; May 23.
- Kiln. H. M. Robertson. 1,919,258; July 25.
- Kiln. J. T. Underwood. 1,921,553; Aug. 8.
- Kiln and burner apparatus. H. A. Dreifeln. 1,905,820; Apr. 25.
- Kiln, Dry. G. H. Woolhouse. 1,919,646; July 25.
- Kiln for burning cement, ore and similar materials, Rotary. L. D. Parker. 1,905,744; Apr. 25.
- Kiln for the heat treatment of materials. H. C. and R. C. Erith. 1,894,167; Jan. 10.
- Kiln for treating earthy materials. W. Hathaway. 1,910,433; May 23.
- Kiln furniture. L. L. Ladd. 1,903,119; Mar. 28.
- Kiln, Lime. W. J. Kuntz. 1,915,322; June 27.
- Kiln lining. R. W. Burke. 1,920,677; Aug. 1.
- Kiln lining. H. S. Lee. 1,936,635; Nov. 28.
- Kiln, Rotary. F. W. Corkill. 1,898,480; Feb. 21.
- Kiln, Rotary. E. Rönne. 1,914,462; June 20.
- Kiln, Rotary. A. B. Zahn. 1,910,873; May 23.
- Kiln, Tunnel. P. D. Dressler. 1,916,363; July 4.
- Kiln, Tunnel. W. A. Hull. 1,923,729; Aug. 22.
- Kilns and the like, Control system for rotary. V. Sahmel. 1,903,070; Mar. 28.
- Kit. H. P. Shriver. 1,925,409; Sept. 5.
- Kit, Artists'. I. S. Baker. 1,901,861; Mar. 21.
- Kit, Cantilever. H. P. Shriver. 1,893,526; Jan. 10.
- Kit, Chemical test. C. S. Butler. 1,910,236; May 23.
- Kit, Collapsible toilet. A. Weiss. 1,915,007; June 20.
- Kit, Combination. L. A. F. Rodgers. 1,914,866; June 20.
- Kit, Dressmaker. J. S. Ewaskowitz. Des. 90,756; Sept. 26.
- Kit, Hypodermic needle. A. A. Epstein. 1,926,230; Sept. 12.
- Kit, Toilet article. S. Diskin. 1,919,012; July 18.
- Kitchen appliance. R. Hoe. 1,923,867; Aug. 22.
- Kitchen implement. J. E. Hill. 1,931,697; Oct. 24.
- Kitchen, Portable. L. E. Martin. 1,919,898; July 25.
- Kitchen unit. N. M. Dunning. Des. 90,873; Oct. 17.
- Kite. C. F. Bryan. 1,914,822; June 20.
- Kite. H. De Haven. 1,908,325; May 9.
- Kite. J. Hahn. 1,904,727-8; Apr. 18.
- Kite. C. W. Hughes. 1,892,985; Jan. 3.
- Kite. F. M. Watson. 1,912,808; June 6.
- Kite, Glider. G. W. Kellogg. 1,927,835; Sept. 26.
- Kneading, grinding and mixing machine. L. and J. Elrich. 1,933,473; Oct. 31.
- Knee pad. W. J. Ruth. 1,896,561; Feb. 7.
- Knee rest. H. J. Farrar. 1,924,031; Aug. 22.
- Knickers, Outer. H. C. D'Annunzio. 1,920,634; Aug. 1.
- Knife. H. Friedman. 1,940,855; Dec. 26.
- Knife. D. S. and J. A. Gardner. 1,939,687; Dec. 19.
- Knife. R. J. Gits. 1,906,573; May 2.
- Knife. J. E. Hester. 1,926,944; Sept. 12.
- Knife and spot gouge, Combined paring. C. E. Peterson. 1,928,028; Sept. 26.
- Knife, Detachable blade surgical. R. Beaver. 1,915,244; June 20.
- Knife-edge bearing. K. J. De Juhasz. 1,928,930; Oct. 3.
- Knife, Fish. V. A. Elvin. 1,935,149; Nov. 14.
- Knife, Fishing. T. Champlin. 1,898,422; Feb. 21.
- Knife for carding machines, Mote. G. W. Willis. 1,910,662; May 23.
- Knife for roughage mills, Adjustable. W. Holland-Letz. 1,929,586; Oct. 10.
- Knife for severing molten glass, Rotary. K. E. Peller. 1,904,325; Apr. 18.
- Knife for thread-cutting temples. H. F. Livermore. 1,919,638; July 25.
- Knife oscillating device. E. B. Kerst and A. O. Hurxthal. 1,922,959; Aug. 15.
- Knife, Paring. D. G. Ray. 1,907,582; May 9.
- Knife, Pocket. J. L. Schrade. 1,931,360; Oct. 17.
- Knife rack. P. T. Champlin. 1,937,424; Nov. 28.
- Knife, Roofer's. M. L. Radel. 1,928,187; Sept. 26.
- Knife sharpening device. W. Blankner. 1,909,743; May 16.
- Knife sharpening machine. M. Price. 1,928,462; Sept. 26.
- Knife, Stripping. J. S. Turner. 1,929,127; Oct. 3.
- Knife, Surgical. D. S. and J. A. Gardner. 1,939,688; Dec. 19.
- Knife, Surgical. J. J. Ogden. 1,914,153; June 13.
- Knife wiper lever bracket. H. G. Guire. 1,938,487; Dec. 5.
- Knives of lawn mowers, Adjustment for the stationary. H. M. Hessenbruch. 1,911,117; May 23.
- Knitted fabric. W. J. Beniston. Des. 91,128; Dec. 5.
- Knitted fabric. W. J. Beniston. Des. 91,231; Dec. 26.
- Knitted fabric. G. Gastrich. Des. 88,955; Jan. 10.
- Knitted fabric. H. Hemmerich. Des. 89,762; May 2.
- Knitted fabric. H. Hemmerich. Des. 89,764; May 2.
- Knitted fabric. A. E. Page. 1,903,706; Apr. 11.
- Knitted metallic fabric. F. De Angelis. 1,905,160; Apr. 25.
- Knitting. F. Stevenson. 1,897,917; Feb. 14.
- Knitting machine. A. A. Adler and H. Albertman. 1,927,016; Sept. 19.
- Knitting machine. H. Albertman and J. Sirmay. 1,933,542; Nov. 7.
- Knitting machine. P. A. Bentley, C. F. Manger, and C. H. Wainwright. 1,910,457; May 23.
- Knitting machine. E. J. Crane. 1,928,557; Sept. 26.
- Knitting machine. H. H. Holmes. 1,917,763; July 11.
- Knitting machine. W. A. Ingalls. 1,898,686; Feb. 7.
- Knitting machine. P. P. La Montagne. 1,893,589; Jan. 10.
- Knitting machine. R. H. Lawson. 1,918,762; July 18.
- Knitting machine. V. Lombardi. 1,896,635; Feb. 7.
- Knitting machine. J. F. Meyer. 1,904,501; Apr. 18.
- Knitting machine. M. C. Miller. 1,905,419; Apr. 25.
- Knitting machine. M. C. Miller. 1,914,954; June 20.
- Knitting machine. M. C. Miller. 1,923,994; Aug. 22.
- Knitting machine. M. C. Miller. 1,930,819; Oct. 17.
- Knitting machine. A. E. Page. 1,933,681; Nov. 7.
- Knitting machine. E. H. Steere. 1,896,431; Feb. 7.
- Knitting machine. H. Swinglehurst. 1,912,320; May 30.
- Knitting machine. F. Tanski. 1,894,965; Jan. 24.
- Knitting machine. G. Vollenweider. 1,899,838; Feb. 28.
- Knitting machine. S. A. Welch, A. F. Guyler, J. T. Ashby, and W. H. Boaler. 1,898,106; Feb. 21.
- Knitting machine. S. A. Welch, A. F. Guyler, J. T. Ashby, and W. H. Boaler. 1,902,151; Mar. 21.
- Knitting machine. E. Wildt and H. H. Holmes. 1,933,130; Oct. 31.
- Knitting machine. M. Zimic. 1,940,520; Dec. 19.
- Knitting machine and knitting. N. Levin. 1,907,185; May 2.
- Knitting machine and the production of fabrics thereon. E. J. Welfens. 1,932,151; Oct. 24.
- Knitting-machine attachment. R. J. Steere. 1,929,125; Oct. 3.
- Knitting machine, Circular. P. A. Bentley, C. F. Manger, C. H. Wainwright and G. A. Buswell. 1,933,408; Oct. 31.
- Knitting machine, Circular. A. R. and B. T. Cole. 1,912,474; June 6.
- Knitting machine, Circular. A. E. Page. 1,922,977; Aug. 15.
- Knitting machine, Circular. E. Wildt and H. H. Holmes. 1,928,803; Oct. 3.
- Knitting machine, Circular warp. G. F. Wagner. 1,935,490; Nov. 14.
- Knitting machine, Flat. A. Friedmann and A. Rudelt. 1,926,522; Sept. 12.
- Knitting machine, Flat. W. Heinitz. 1,911,317; May 30.
- Knitting machine, Full-fashioned. K. R. Lieberknecht. 1,923,545; Aug. 22.
- Knitting machine, Full-fashioned. E. Richter. 1,920,435; Aug. 1.
- Knitting machine, High speed circular. G. Nobst. 1,923,949; Aug. 22.
- Knitting machine sinker. T. H. Jones. 1,901,751; Mar. 14.
- Knitting machine, Straight. J. G. Ennis. 1,928,283; Sept. 26.
- Knitting machine, Straight. W. Heinitz. 1,911,318; May 30.
- Knitting machine, Straight bar. C. Baumgärtel. 1,902,752; Mar. 21.
- Knitting machine, Straight bar. W. Corah. 1,912,257; May 30.
- Knitting machine with inclined design wheel. N. Levin. 1,925,450; Sept. 5.
- Knitting machinery. H. Peters. 1,908,442; May 9.
- Knitting machinery. R. Reiner. 1,901,857; Mar. 14.
- Knitting machines, Attachment for flat. K. R. Lieberknecht. 1,939,505; Dec. 12.
- Knitting machines, Automatic loop variation compensating mechanism for. J. Gift. 1,915,415; June 27.
- Knitting machines, Fashioning mechanism for full fashioned. M. Zwicky. 1,895,777; Jan. 31.
- Knitting machines, Feed mechanism for. H. Swinglehurst. 1,938,673; Dec. 12.
- Knitting machines, Frictional connecting means for straight. M. Richter. 1,941,419; Dec. 26.
- Knitting machines, Row counter for flat. W. Heinitz. 1,901,745; Mar. 14.
- Knitting machines, Stop motion for. W. L. Smith, jr., and R. H. Lawson. 1,921,707; Aug. 8.

- Knitting machines, Striping needle dividing mechanism for circular. F. W. Robinson. 1,933,281; Oct. 31.
- Knitting machines, Thread changing feeder mechanism of circular. J. H. G. Bayles. 1,921,902; Aug. 8.
- Knitting machines, Thread guide for. W. T. Kane. 1,939,501; Dec. 12.
- Knitting machines, Variable splicing means for. F. R. Page. 1,920,879; Aug. 1.
- Knitting machines, Vertical striper for circular ribbed. E. C. Sherlin. 1,910,717; May 23.
- Knitting mechanism. H. E. Houseman. 1,892,702; Jan. 3.
- Knitting mechanism. H. E. Houseman. 1,927,568; Sept. 19.
- Knitting mechanism. H. E. Houseman. 1,941,091-2; Dec. 26.
- Knives or the like, Device for sharpening. R. D. Parsons. 1,938,928; Dec. 12.
- Knob. E. G. Danielson. 1,938,556; Dec. 5.
- Knob-anchoring device. T. F. Stuart and H. A. Moore. 1,935,253; Nov. 14.
- Knob and method of making. Rubber. J. H. Stedman. 1,936,775; Nov. 28.
- Knob, Hollow. H. J. Kasch. 1,929,188; Oct. 3.
- Knob lock, Separable. O. H. Shaw. 1,892,709; Jan. 3.
- Knockdown assemblage. G. H. Merz, R. A. Arndt, and C. B. Lange. 1,903,122; Mar. 28.
- Knock-down box, Multiform. G. W. Eschenbach. 1,932,772; Oct. 31.
- Knockdown box, Multiform. G. W. Eschenbach. 1,932,773; Oct. 31.
- Knockdown cable reel. E. N. Hescok. 1,915,825; June 27.
- Knockdown container. S. Bergstein. 1,926,366; Sept. 12.
- Knockdown convertible stand. W. C. Kirk. Re18,807; Apr. 25.
- Knockdown display rack. I. A. Deline. 1,919,687; July 25.
- Knottting mechanism. M. R. Wells and F. F. Hillix. 1,904,704; Apr. 18.
- Kyle. J. Grey. 1,917,520; July 11.
- Label. L. P. Adair. 1,922,565; Aug. 15.
- Label. L. Davis. 1,901,495; Mar. 14.
- Label. A. D. Morse. 1,926,553; Sept. 12.
- Label. E. I. Petersen. Re18,782; Mar. 28.
- Label. W. F. Schacht. Des. 89,265; Feb. 14.
- Label. F. Weindel, jr. 1,930,217; Oct. 10.
- Label affixer. P. Grabler. 1,939,975; Dec. 19.
- Label delivering machine. F. K. Arnold and H. T. Kingsbury. 1,931,369; Oct. 17.
- Label follower mechanism. J. O. Fenner. 1,922,575; Aug. 15.
- Label holder. E. S. Roscoe. 1,940,512; Dec. 19.
- Label picking mechanism. C. Holm. 1,901,101; Mar. 14.
- Label, Strip. S. Bardos. 1,927,766; Sept. 19.
- Labeling machine. C. R. Fredsell. 1,893,826; Jan. 10.
- Labeling machine. M. J. Milmo. 1,937,476; Nov. 28.
- Labeling machine. H. Schwinger. 1,934,825; Nov. 14.
- Labeling machine. J. C. Thom. 1,927,473; Sept. 19.
- Labels to rubber stamps, Affixing identification. R. Evans. 1,909,257; May 16.
- Laboratory burette holder. E. H. Fisher. 1,915,725; June 27.
- Laboratory clamp. E. H. Fisher. 1,895,156; Jan. 24.
- Laboratory filter. A. C. Daman. 1,907,747; May 9.
- Laboratory support. E. L. Harrington. 1,893,799; Jan. 10.
- Laboratory switchboard system. J. M. Dannheiser. 1,921,608; Aug. 8.
- Lace. H. W. Hucknall. Des. 89,962; May 23.
- Lace. J. Laneres. Des. 90,324; July 18.
- Lace. J. Moosherr. Des. 89,551; Mar. 28.
- Lace. S. H. Page. Des. 90,083; June 6.
- Lace. S. H. Page. Des. 90,123-4; June 13.
- Lace. S. H. Page. Des. 90,139; June 13.
- Lace. S. H. Page. Des. 90,211; June 27.
- Lace. S. H. Page. Des. 90,727; Sept. 19.
- Lace. S. H. Page. Des. 91,212; Dec. 19.
- Lace. S. H. Page. Des. 91,249; Dec. 26.
- Lace. A. Springthorpe. Des. 90,785-8; Sept. 26.
- Lace attachment for flat knitting machines. K. R. Lieberknecht. 1,920,087; July 25.
- Lace edging, Embroidered. H. Schwarber. Des. 90,087-90; June 6.
- Lace fabrics, Method and apparatus for making. A. F. Verbeek. 1,927,762; Sept. 19.
- Lace fastener. A. R. Walty. 1,907,629; May 9.
- Lace machines, Selecting device for droppers of. M. A. R. Ratelade. 1,909,895; May 16.
- Lace or the like. O. F. Schicker. Des. 89,721-3; Apr. 25.
- Lace, Tipped. C. A. Matson. 1,941,129; Dec. 26.
- Lace textile fabric or a similar article. S. Lindenbaum. Des. 90,665-9; Sept. 12.
- Lacquer-base, lacquer and making same. W. C. Pierson. 1,899,054; Feb. 28.
- Lacquer, Cellulose nitrate. H. Finkelstein. 1,900,700; Mar. 7.
- Lacquer, Colored. B. Zschimmer. 1,912,421; June 6.
- Lacquer composition made from low boiling solvents, Useful. T. F. Bradley. 1,923,715; Aug. 22.
- Lacquer, Nongelling. C. Bogin and V. Kelly. 1,923,702-3; Aug. 22.
- Lacquer, Nongelling. V. Kelly and C. Bogin. 1,923,732; Aug. 22.
- Lacquer system, Architectural. C. Bogin. 1,937,484; Nov. 28.
- Lacquers, artificial masses, and solutions of their constituents, Production of. O. Jordan. 1,919,727; July 25.
- Lacquers, films, artificial masses, and the like. W. Pungs and K. Eisenmann. 1,904,523; Apr. 18.
- Lacquers or varnishes, Manufacture of caoutchouc. H. Plauson. 1,900,663; Mar. 7.
- Lactates in brushing lacquers, Use of. C. Bogin. 1,927,539; Sept. 19.
- Lactic acid. J. A. Jenemann. 1,906,068; Apr. 25.
- Lactose containing material, Manufacture of. D. D. Peebles and P. D. V. Manning. 1,928,135; Sept. 26.
- Ladder. H. E. Ballard. 1,912,509; June 6.
- Ladder. G. A. Hanly and A. M. D. Mengeler. 1,936,508; Nov. 21.
- Ladder. J. C. Ruse. 1,928,158; Sept. 26.
- Ladder. J. Sonetto, P. Cipriano, and A. Vercio. 1,909,231; May 16.
- Ladder, Collapsible. M. M. Hoover. 1,912,138; May 30.
- Ladder construction. G. B. Reed. 1,921,583; Aug. 8.
- Ladder construction. C. A. Rich. 1,926,885; Sept. 12.
- Ladder, Extensible fire. H. A. Porter. 1,924,751; Aug. 29.
- Ladder, Extension. C. A. Bay. 1,899,742; Feb. 28.
- Ladder, Extension. J. Diou. 1,916,208; July 4.
- Ladder, Extension. J. F. Murphy. 1,926,697; Sept. 12.
- Ladder, Fire. M. Honig. 1,936,195; Nov. 21.
- Ladder, Folding. E. Breslow. 1,935,349; Nov. 14.
- Ladder, Folding stool. J. Hirose and N. Ishimizu. 1,894,489; Jan. 17.
- Ladder foot. G. H. Greene. 1,897,840; Feb. 14.
- Ladder jack. C. E. Kramer. 1,906,275; May 2.
- Ladder-like structure. A. Wikstrand. 1,912,331; May 30.
- Ladder, Rope. H. Hoch. 1,910,546; May 23.
- Ladder, Rungless. E. L. Seiler. 1,918,293; July 18.
- Ladder safety device, Orchard. E. J. Kruse. 1,910,551; May 23.
- Ladder step, Detachable safety. C. M. Dollerhide. 1,920,552; Aug. 1.
- Ladder, Tank. H. C. Boardman. 1,916,252; July 4.
- Ladder, Tubular frame extension. J. F. Murphy. 1,898,456; Feb. 21.
- Ladders, Apparatus for forming. C. D. Reed. 1,901,334; Mar. 14.
- Ladders, Attachment for. C. H. Davis. 1,900,636; Mar. 7.
- Ladders, Safety grip for. E. F. Plumpton. 1,927,469; Sept. 19.
- Ladies' hand-bag. E. Jahnce. Des. 89,545; Mar. 28.
- Ladle. W. DeFries. 1,928,813; Oct. 3.
- Ladle, Foundry. J. G. Garrard. 1,905,634; Apr. 25.
- Ladle, Foundry. G. H. Weidemann and H. E. Kelley. 1,915,635; June 27.
- Ladle, Ice cream. L. Myers. 1,903,791; Apr. 18.
- Ladle structure. P. Pollock and C. A. Wills. 1,929,607; Oct. 10.
- Lambrequin for cotton gins. L. A. Skinner and D. D. Day. 1,926,601; Sept. 12.
- Laminated angular members, Method and apparatus for making. C. A. Agar. 1,909,513; May 16.
- Laminated article. W. B. and W. C. Damsel. 1,931,922; Oct. 24.
- Laminated box. J. S. Stokes. 1,922,506; Aug. 15.
- Laminated material. H. D. Segar. 1,899,591; Feb. 28.
- Laminated material, Method of and apparatus for cutting. H. Lyon. 1,938,394; Dec. 5.
- Laminated product and producing same. J. F. Walsh. 1,936,044; Nov. 21.
- Laminated product and producing same, Decorated. J. D. Cochrane, jr. 1,904,718; Apr. 18.
- Laminated products, Compressed. A. Hawerlander. 1,905,225; Apr. 25.
- Laminated structure. H. W. Lormor. 1,926,156; Sept. 12.
- Lamp: See—
- Arc health lamp.
- Arc lamp.
- Auxiliary lamp.
- Battery hand lamp.
- Battery lamp.
- Beacon lamp.
- Bracket lamp.
- Burial casket lamp.
- Combined camera and flash-lamp.
- Electric incandescent lamp.
- Electric lamp.
- Electrical discharge lamp.
- Fender lamp.
- Flash lamp.
- Gas lamp.
- Glow discharge lamp.
- Glow lamp.
- Hand lamp.
- Head lamp.
- Illuminating lamp.
- Incandescent anode lamp.
- Incandescent lamp.
- Light reflecting lamp.
- Marine lamp.
- Operating lamp.
- Portable lamp.
- Projecting lamp.
- Safety lamp.
- Signal lamp.
- Tail lamp.
- Television lamp.
- Theftproof lamp.
- Therapeutic lamp.
- Tungsten arc lamp.
- Ultra violet lamp.
- Ultraviolet ray lamp.
- Variable-color lamp.
- Lamp. M. R. Charles. 1,893,730; Jan. 10.
- Lamp. H. J. Grabam. 1,906,460; May 2.
- Lamp. H. M. Greist and G. J. La Vigne. 1,921,875; Aug. 8.
- Lamp. C. Moser. 1,927,897; Sept. 26.
- Lamp. C. J. Prager. Des. 91,042; Nov. 14.
- Lamp. L. M. Schnitzer. Des. 90,594; Aug. 29.
- Lamp. J. Schrader. Des. 89,577; Apr. 4.
- Lamp. G. Sperti. 1,910,778; May 23.
- Lamp, Acetylene. J. H. Horsley. Des. 90,467; Aug. 8.
- Lamp and adjustable mounting for the same. R. A. Currie. 1,914,009; June 13.
- Lamp and ash receptacle, Combined. D. R. Creecy, jr. 1,931,180; Oct. 17.

- Lamp and fan, Combined. L. Tucker. Des. 89,729; Apr. 25.
- Lamp and holder thereof, Electric incandescent. E. R. Grote. 1,895,033; Jan. 24.
- Lamp and lamp mounting. P. J. Kent and I. C. McKechnie. 1,905,471; Apr. 25.
- Lamp and method of operation, Electric. C. G. Found, A. W. Hull and J. C. Smith. 1,924,739; Aug. 29.
- Lamp and operating the same, Thermionic cathode. A. W. Hull. 1,929,143; Oct. 3.
- Lamp and picture frame, Combined electric. E. D. Allen. Des. 90,222-3; July 4.
- Lamp and picture frame, Combined electric. E. D. Allen. Des. 90,226; July 4.
- Lamp and picture frame, Combined electric. H. H. Howland. Des. 89,590; Apr. 11.
- Lamp and similar device, Incandescent. C. Severin. 1,906,819; May 2.
- Lamp and stand or the like, Combined table. S. J. Kaz. Des. 90,915; Oct. 24.
- Lamp assembly. H. A. Douglas. 1,898,295; Feb. 21.
- Lamp assembly means. H. A. Douglas. 1,932,265; Oct. 24.
- Lamp attachment, Electric. L. A. Lindey. 1,916,322; July 4.
- Lamp, Automobile signal. H. J. Sauer. Des. 89,351; Mar. 14.
- Lamp base. F. J. Abel. Des. 90,302; July 18.
- Lamp base holder, Floor. L. L. Withey. Des. 90,561; Aug. 22.
- Lamp base or similar article. J. Hendriksen and J. Heran. Des. 89,131; Jan. 31.
- Lamp, Battery hand. J. S. Zook. 1,897,627; Feb. 14.
- Lamp, Bed. J. L. Steiner. 1,904,121; Apr. 18.
- Lamp bracket. O. G. Hildebrand. Des. 91,114; Nov. 28.
- Lamp bulb. C. Peckerman. Des. 89,056; Jan. 17.
- Lamp burner, Kerosene. W. J. Keller. 1,938,340; Dec. 5.
- Lamp chimney forming machine. E. S. Brunson. 1,935,541; Nov. 14.
- Lamp construction for viaducts, Electric. R. E. Crossley. 1,936,549; Nov. 21.
- Lamp construction, Gas. J. O. Cadieux. 1,922,524; Aug. 15.
- Lamp control mechanism for message transmitting systems. A. D. Eitzen. 1,908,333; May 9.
- Lamp cord reel, Manually operable electric. L. Brosilow, W. Markoff, and J. Orosz. 1,914,480; June 20.
- Lamp device, Gaseous electric discharge. H. Ewest, K. Wiegand, and M. Reger. 1,935,702; Nov. 21.
- Lamp, Direction fender. P. Luertzing. Des. 89,776; May 2.
- Lamp door rims, Making. E. Turnquist. 1,924,220; Aug. 29.
- Lamp, Electric. C. G. Smith. 1,901,128; Mar. 14.
- Lamp, Electric glow. H. Friedrichsen. 1,897,473; Feb. 14.
- Lamp, Electric head. O. O. McBride. 1,901,180; Mar. 14.
- Lamp fixture. L. Lippard. Des. 90,777; Sept. 26.
- Lamp fixture. W. Rheiner. 1,899,723; Feb. 28.
- Lamp fixture. T. W. A. Radke. 1,905,568; Apr. 25.
- Lamp, Flash. K. Bobayashi. 1,904,057; Apr. 18.
- Lamp, Flash. H. T. and H. H. Hipwell. 1,900,931; Mar. 14.
- Lamp, Floor. R. C. Pierce. Des. 89,153; Jan. 31.
- Lamp for automotive vehicles, Signal. B. L. Bobroff. Des. 89,870; May 16.
- Lamp for automotive vehicles, Signal. B. L. Bobroff. Des. 89,986; May 23.
- Lamp for automotive vehicles, Signal. B. L. Bobroff. Des. 90,013; May 30.
- Lamp for automotive vehicles, Signal. B. L. Bobroff. Des. 90,230; July 4.
- Lamp for motor vehicle bodies, Pillar. H. B. Donley. Des. 89,173; Feb. 7.
- Lamp for motor vehicles, automatically operated, Dirigible head. R. Rockendorf. 1,914,818; June 20.
- Lamp for photo-electric cells, Exciter. D. V. Edwards. 1,924,058; Aug. 22.
- Lamp for photographic purposes, Magnesium. W. Borth. 1,909,567; May 16.
- Lamp for producing ultra-violet radiation. L. H. Dawson. 1,922,281; Aug. 15.
- Lamp for vehicles. K. Kleinert. 1,909,151; May 16.
- Lamp, Gaseous conduction. D. McF. Moore. 1,900,577; Mar. 7.
- Lamp guard, Incandescent. G. B. Hume and G. W. Walls. 1,921,295; Aug. 8.
- Lamp holder. M. E. Atkinson. 1,912,351; May 30.
- Lamp house, Adjustable. W. E. Wuelker. 1,934,902; Nov. 14.
- Lamp house for projectors. G. Fassin. Des. 91,060; Nov. 21.
- Lamp housings, Forming head. W. Kloss and J. G. Hoffer. 1,912,000; May 30.
- Lamp, Incandescent. F. J. Alderson. 1,895,143; Jan. 24.
- Lamp, Incandescent electric. C. F. Lorenz. 1,895,887; Jan. 31.
- Lamp, Incandescent electric. J. Quesseque. 1,899,587; Feb. 28.
- Lamp lead bracket. E. W. Brady. 1,898,614; Feb. 21.
- Lamp machine. S. J. Jordan. 1,910,107; May 23.
- Lamp machine, High-intensity multiple arc projection. F. A. Berg. 1,937,379; Nov. 28.
- Lamp making machinery. W. Parker. 1,935,989; Nov. 21.
- Lamp manufacture. M. N. Fredenburgh. 1,916,366; July 4.
- Lamp manufacture. L. D. Lockwood. 1,895,855; Jan. 31.
- Lamp mechanism, Arc. A. G. Saurwein. 1,904,541; Apr. 18.
- Lamp, Mercury vapor. F. R. K. V. Turkenburg. 1,896,651; Feb. 7.
- Lamp, Motor vehicle. W. Birtwisle. 1,895,748; Jan. 31.
- Lamp, Motor vehicle head. T. P. K. Rashleigh. 1,908,553; May 9.
- Lamp mounting device. C. Iffland. 1,926,948; Sept. 12.
- Lamp mounting for bowling alleys. A. Solum. 1,904,016; Apr. 18.
- Lamp, Multiple display. A. M. Young and W. Pollack. 1,903,330; Apr. 4.
- Lamp, Negative glow. H. C. Rentschler and D. E. Henry. 1,893,304; Jan. 3.
- Lamp, or flashlight, Battery hand. J. L. Shannon. 1,893,108; Jan. 3.
- Lamp or similar article. H. L. Herzfelder and M. Harris. Des. 90,250; July 4.
- Lamp or similar article. B. F. Lee. Des. 90,288; July 11.
- Lamp or similar article. T. Shapiro. Des. 90,265; July 4.
- Lamp or similar article, Pedestal. A. L. Toews. Des. 90,143; June 18.
- Lamp or similar device, Electric. W. J. Geiger and A. T. Gaskill. 1,925,986; Sept. 5.
- Lamp, Portable carbon arc. I. Silberstein. Des. 89,270; Feb. 14.
- Lamp, Portable convertible. J. J. Herlbauer. 1,899,868; Feb. 28.
- Lamp, Quick detachable. J. Pokorney. 1,898,498; Feb. 21.
- Lamp, Reading. C. T. Brady. 1,900,539; Mar. 7.
- Lamp receptacle. L. V. Lewis. 1,897,668; Feb. 14.
- Lamp receptacle fastening means, Electric. F. E. Johnson. 1,937,322; Nov. 28.
- Lamp, Recording. C. A. Packard. 1,903,128; Mar. 28.
- Lamp reflector. E. H. Mattison. 1,917,990; July 11.
- Lamp shade. E. Schwarz. Des. 90,381-3; July 25.
- Lamp shade bracket. L. W. Andersen. 1,922,754; Aug. 15.
- Lamp, Shell. H. Cardon. 1,902,991; Mar. 28.
- Lamp socket remover, Incandescent. F. L. Palmer. 1,896,680; Feb. 7.
- Lamp stand. J. H. Boye. 1,936,616; Nov. 28.
- Lamp stand. G. A. Ley. 1,919,114; July 18.
- Lamp stem, Incandescent. J. A. Donohoe. 1,908,736; May 16.
- Lamp, Stop and tail. R. N. Falge, A. R. Lewellen, and C. A. Michel. 1,896,887; Feb. 7.
- Lamp support. L. S. Blodgett. 1,930,993; Oct. 17.
- Lamp support, Adjustable. A. A. Henkel. 1,897,802; Feb. 14.
- Lamp supporting structure and the like. D. Hays. 1,927,796; Sept. 19.
- Lamp, Surgical head. P. Good. 1,893,773; Jan. 10.
- Lamp system, Vapor. K. Wiegand and K. Bratel. 1,930,116; Oct. 10.
- Lamp, Therapeutic. S. S. Torrisl. 1,900,138; Mar. 7.
- Lamp, Therapeutic arc. O. Hibner. 1,893,703; Jan. 10.
- Lamp, Vehicle. A. Alessi. Des. 89,293; Feb. 21.
- Lamp, Vehicle. S. Lyman. Des. 89,259; Feb. 14.
- Lamp, Vehicle signal. C. L. Dillingham. Des. 89,685-6; Apr. 25.
- Lamp with focusable reserve light bulb, Focusing. M. O. Berg. 1,915,081; June 20.
- Lamp with illuminated shade, Indirect plural. A. L. Arenberg. 1,906,944; May 2.
- Lamps and similar articles, Apparatus for basing incandescent. D. K. Wright. 1,911,046; May 23.
- Lamps and similar articles, Method and apparatus for testing incandescent. W. L. Kubach. 1,904,059; Apr. 18.
- Lamps and similar devices, Apparatus for tipping-off incandescent. G. Illingworth. 1,929,313; Oct. 3.
- Lamps, Apparatus embodying electric discharge. C. O. Browne. 1,906,246; May 2.
- Lamps, Attachment for miner's carbide. W. B. Akers. 1,925,620; Sept. 5.
- Lamps for motion picture apparatus, Construction of pilot. A. Dina. 1,913,375; June 13.
- Lamps, Head support for electric. W. Long. 1,925,593; Sept. 5.
- Lamps, Making failure indicator. H. C. Rentschler. 1,893,305; Jan. 3.
- Land leveler. J. L. Iverson. 1,894,871; Jan. 17.
- Land surfacing device. G. B. Nelson. 1,939,460; Dec. 12.
- Landing device for aeroplanes, Automatic. E. C. Morse. 1,907,652; May 9.
- Landing for mine cages. G. Holmes. 1,896,362; Feb. 7.
- Landing gear, Retractable. G. Midboe. 1,931,137; Oct. 17.
- Landing gear for aircraft. H. S. Duell. 1,929,630; Oct. 10.
- Landing gear, Retractable. R. W. Ayer. 1,940,836; Dec. 26.
- Landing gear, Retractable. G. W. De Bell. 1,894,582; Jan. 17.
- Landing gear, Retractable. K. Henrichsen and S. T. Payne. 1,914,092; June 13.
- Landing gear, Retractable. G. Midboe. 1,934,992; Nov. 14.

- Landing net holder. D. C. Lemon and L. L. Carpenter. 1,914,443; June 20.
- Lantern. J. S. Pixley and M. Bender. 1,904,248; Apr. 18.
- Lantern, Battery. H. W. Jones. 1,909,278; May 16.
- Lantern, Electric. C. Merchant. 1,927,713; Sept. 19.
- Lantern, Electric hand. C. H. Larson. 1,893,292-4; Jan. 3.
- Lantern, Electric hand. C. H. Larson. 1,939,857; Dec. 19.
- Lantern, Portable electric. W. C. Embury. 1,919,056; July 18.
- Lantern slide holder. W. C. Hyde. 1,932,463-4; Oct. 31.
- Lantern slide, Radiomovie. C. F. Jenkins. 1,899,334; Feb. 28.
- Lantern, Ventilator. D. F. Stahlknecht. 1,934,998; Nov. 14.
- Lapping and testing machine for gears, Combination. B. J. Wolfe. 1,917,178; July 4.
- Lapping device for cylindrical objects. H. W. Dunbar and J. C. Baker. 1,905,821; Apr. 25.
- Lapping machine. H. S. Indge and S. Player. 1,893,083; Jan. 3.
- Lapping machine. C. E. Parkhurst. 1,923,390; Aug. 22.
- Lapping machine. S. Player and H. S. Indge. 1,908,048; May 9.
- Lapping machine. A. E. Robinson. 1,916,117; June 27.
- Lapping machine. A. E. Robinson and W. G. Hoelscher. 1,916,118; June 27.
- Lapping machine, Automatic. H. J. Wills. Re19,003; Nov. 14.
- Lapping or grinding machine. C. H. Norton. 1,893,100; Jan. 3.
- Lapping tool. J. B. Kowalsky. 1,924,865; Aug. 29.
- Lard, Preparation of. H. C. Halvorson, R. G. Murray, and E. M. Schmitz. 1,930,091; Oct. 10.
- Larynx, Artificial. G. W. Burchett. 1,901,433; Mar. 14.
- Larynx, Artificial. E. I. McKesson. 1,922,385; Aug. 15.
- Larynx, Artificial. R. R. Riesz and G. W. Burchett. 1,910,966; May 23.
- Last. F. B. Dennett. 1,933,098; Oct. 31.
- Last. E. W. Smith. 1,894,452; Jan. 17.
- Last for shoes, Inflatable cleaning and dyeing. R. M. K. Chapman. 1,893,795; Jan. 10.
- Last for the manufacture of low shoes. C. Behrens. 1,912,028; May 30.
- Last or boot-tree, Expansible. F. Merz. 1,928,596; Sept. 26.
- Last positioning and clamping mechanism. I. C. Buckminster. 1,938,578; Dec. 12.
- Last, Shoe stretching. P. La Marca. 1,936,399; Nov. 21.
- Lasting machine. G. Goddu. 1,902,162; Mar. 21.
- Lasting machine. F. N. La Chapelle and F. C. Eastman. 1,918,274; July 18.
- Lasting machine. E. L. Patten. 1,916,436; July 4.
- Lasts, Rebuilding. E. W. Durkee. 1,920,974; Aug. 8.
- Latch: See—
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| Access panel latch. | Luggage latch. |
| Auto door latch. | Refrigerator latch. |
| Cabinet latch. | Sash latch. |
| Closure latch. | Table latch. |
| Door latch. | Toggle latch. |
| Gate latch. | Window latch. |
| Hood latch. | |
- Latch. P. E. Lenfestey. 1,940,685; Dec. 26.
- Latch. F. W. McCormick. 1,930,531; Oct. 17.
- Latch. R. G. Moore. 1,895,892-4; Jan. 31.
- Latch. E. W. North and G. D. Lindstrom. 1,937,778; Dec. 5.
- Latch. G. E. Roedding. 1,918,563; July 18.
- Latch. W. Schnell. 1,928,767; Oct. 3.
- Latch and keeper combination. T. O. Schrader. Des. 89,096; Jan. 24.
- Latch and lock for door operators, Safety. A. H. Schaffert and J. R. Montgomery. 1,936,269; Nov. 21.
- Latch and spacer for heddle bars, Combined. J. Walker, jr. 1,911,861; May 30.
- Latch device for hand bags and the like. E. Poeter. 1,907,866; May 9.
- Latch, Expanding metal. H. K. Baker. 1,918,316; July 18.
- Latch for automobile doors. R. V. Kaimer. 1,909,361; May 16.
- Latch for automobile doors. A. L. Lambert. 1,902,172; Mar. 21.
- Latch for filing cabinets, Drawer. B. G. Rand. 1,909,847; May 16.
- Latch for filing drawers, Automatic. G. C. Brainard. 1,939,487; Dec. 12.
- Latch for gates and the like. V. W. and C. C. Nielson. 1,904,291; Apr. 18.
- Latch for interchangeable panels. H. G. Klopp. 1,925,327; Sept. 5.
- Latch for pipe tongs, Trip. M. L. Hacker. 1,925,532; Sept. 5.
- Latch for refrigerator doors. D. Miller. 1,937,978; Dec. 5.
- Latch for refrigerator doors and the like. S. W. Parsons. 1,932,829; Oct. 31.
- Latch for vanity cases, cigarette cases, and the like. W. E. Evans. 1,935,626; Nov. 21.
- Latch means for cabinet doors. S. Hammer. 1,917,297; July 11.
- Latch mechanism. E. C. Dyal. 1,894,555; Jan. 17.
- Latch mechanism. A. J. Faber. 1,940,537; Dec. 19.
- Latch mechanism. K. F. Nystrom. 1,900,254; Mar. 7.
- Latch mechanism, Door. W. C. Devereaux. 1,917,436; July 11.
- Latch mechanism for cake formers and the like. F. C. Simon. 1,896,564; Feb. 7.
- Latch needle for picking up loops. C. Fiedler. 1,918,183; July 11.
- Latch operating means. N. R. Kirk. 1,920,868; Aug. 1.
- Latch or closure device, Adjustable. G. L. Eber. 1,920,976; Aug. 8.
- Latch or closure device, Adjustable. G. L. and J. Eber. 1,920,975; Aug. 8.
- Latch or hinge attachment. A. F. Winters. 1,940,038; Dec. 19.
- Latch or similar article. A. S. Katz. Des. 89,963; May 23.
- Latch pivot for pneumatic hammer devices. R. Thomson. 1,939,737; Dec. 19.
- Latch structure. H. E. Woernle. 1,937,930; Dec. 5.
- Latch, Window sash. E. Johanson. 1,941,031; Dec. 26.
- Latches for rail switches and blanks for the same, Making. B. R. Barber. 1,901,718; Mar. 14.
- Latching device. W. A. Beauchamp. 1,916,650; July 4.
- Latching device, Automatic. E. T. Sprake. 1,916,816; July 4.
- Latching means for cigarette cases or the like. R. Denels. 1,926,839; Sept. 12.
- Latching mechanism. F. Albach and G. R. Chervenka. 1,923,903; Aug. 22.
- Latching mechanism. J. E. Bales, C. T. Christensen, J. Hallberg, and J. B. Adler. 1,934,397; Nov. 7.
- Latching mechanism. L. I. Dick. 1,930,790; Oct. 17.
- Latching mechanism. A. L. Kerr. 1,903,327; Apr. 4.
- Latching mechanism, Electroresponsive. H. R. Crago. 1,902,490; Mar. 21.
- Latex and product of same, Processing of. J. B. Crockett. 1,936,106; Nov. 21.
- Latex and product thereof, Thickening. A. W. Holmberg and P. E. Rice. 1,926,285; Sept. 12.
- Latex and products produced thereby, Treating. A. A. Nikitin. 1,931,673; Oct. 24.
- Latex, Coagulation of. S. E. Neiley. 1,896,054; Jan. 31.
- Latex compositions, Preparing. A. Szegvari. 1,924,170; Aug. 29.
- Latex, Concentration and purification of. J. McGavack. 1,921,575; Aug. 8.
- Latex, Preparation of vulcanizable. J. B. Crockett. 1,897,189; Feb. 14.
- Lath. C. M. Moore. 1,908,166; May 9.
- Lath, Cement. A. J. Varden. 1,930,024; Oct. 10.
- Lath, Method of and apparatus for manufacturing. T. R. Herbst, jr. 1,897,803; Feb. 14.
- Lathing, Metallic. T. R. Herbst, jr. 1,897,842; Feb. 14.
- Laths construction. K. Eisenbauer. 1,930,930; Oct. 17.
- Lathe. J. G. Collins. 1,909,522; May 16.
- Lathe. L. A. Dumsor and C. J. Schroeder. 1,940,403; Dec. 19.
- Lathe. J. E. Lovely. 1,923,493; Aug. 22.
- Lathe. H. W. Melling. 1,904,949; Apr. 18.
- Lathe. H. W. Melling. 1,919,738; July 25.
- Lathe. F. O'Brien. 1,916,581; July 4.
- Lathe and method of turning round bodies. C. H. Norton. 1,920,209; Aug. 1.
- Lathe apron mechanism. G. A. Mohr. 1,931,801; Oct. 24.
- Lathe, Armature turning and undercutting. O. C. Blomgren. 1,923,416; Aug. 22.
- Lathe attachment. J. Y. Blazek. 1,917,748; July 11.
- Lathe attachment. P. P. Feit. 1,931,143; Oct. 17.
- Lathe attachment for profiling forms for molds. C. E. Flatter. 1,928,373; Sept. 26.
- Lathe, Automatic. O. Schaerer. 1,898,902; Feb. 21.
- Lathe, Automatic variety wood-turning. L. D. Goodspeed. 1,928,353; Sept. 26.
- Lathe bed construction. W. G. Hoelscher and A. E. Robinson. 1,926,997; Sept. 12.
- Lathe carriage apron mechanism. W. G. Hoelscher and A. E. Robinson. 1,910,334; May 23.
- Lathe center. E. H. Rathbone. 1,941,054; Dec. 26.
- Lathe center and bearing means therefor. G. R. Bott. 1,919,004; July 18.
- Lathe chuck. H. Casler. 1,909,658; May 16.
- Lathe, Crank shaft. W. F. Groene and G. W. Luning. 1,934,976; Nov. 14.
- Lathe dead center actuating device. A. Storm and T. Thorsen. 1,900,261; Mar. 7.
- Lathe for high speed work, Automatic. A. Bechler. 1,902,754; Mar. 21.
- Lathe headstock. W. G. Hoelscher. 1,938,906; Dec. 12.
- Lathe, Multiple spindle automatic. F. L. Cone. 1,934,620; Nov. 7.
- Lathe, Orbital. W. F. Groene. 1,921,919; Aug. 8.
- Lathe, Piston. C. L. Eich. 1,916,193; July 4.
- Lathe tool holder. R. H. Brockman. 1,913,261; June 6.
- Lathes and other machine tools, Cam milling attachment for. E. J. Svenson. 1,894,719; Jan. 17.
- Lathes and other machines, Mounting electrically actuated mechanisms for driving. O. Cullman. 1,920,498; Aug. 1.
- Lathes, Apparatus for automatic form turning. C. A. Bickel and P. A. Abe. 1,929,269; Oct. 3.
- Lathes, Carriage feeding mechanism for. W. G. Hoelscher and G. E. Hieber. 1,926,996; Sept. 12.
- Lathes, Piece clamping and puller attachment for. H. R. Moore. 1,896,366; Feb. 7.
- Lathes, Thread cutting attachment for. G. E. Merwin and F. W. Shoemaker. 1,902,657; Mar. 21.

- Lather mixer. M. Rolstad. 1,914,868; June 20.
 Lathering device. F. Rohleder. 1,901,001; Mar. 14.
 Laundering apparatus. J. S. Jones. 1,940,549; Dec. 19.
 Laundering method. R. A. Phair. 1,935,663; Nov. 21.
 Laundry apparatus. G. W. Dunham. 1,913,378; June 13.
 Laundry apparatus. S. H. McKnight. 1,897,435; Feb. 14.
 Laundry appliance. H. Hirsch. 1,926,946; Sept. 12.
 Laundry assorting device. C. F. Miller. 1,892,774; Dec. 3.
 Laundry bag. R. B. Baker. 1,918,793; July 18.
 Laundry bag. E. M. Gilligan. Des. 91,135; Dec. 5.
 Laundry drier. C. J. Holub. 1,940,626; Dec. 19.
 Laundry dry-cleaning machine. E. Knutsen. 1,894,694; Jan. 17.
 Laundry fingers. M. M. Gutsche. Des. 90,137; June 13.
 Laundry flat piece spreader and carrier. L. R. Sager. 1,920,715; Aug. 1.
 Laundry ironing and like machines. J. E. Poinon. 1,936,027; Nov. 21.
 Laundry machine. O. H. Hullings. 1,931,410; Oct. 17.
 Laundry machine. J. B. Kirby. 1,911,903-4; May 30.
 Laundry machine. J. B. Kirby. 1,932,246; Oct. 24.
 Laundry machine. N. Stramaglia and T. Schillaci. 1,904,099; Apr. 18.
 Laundry machine. J. N. White. 1,938,676; Dec. 12.
 Laundry machine. F. E. Wilsey. 1,929,377; Oct. 3.
 Laundry machine. Apparatus for semiautomatically operating a. L. J. Gernon. 1,936,937; Nov. 28.
 Laundry press. A. L. Bausman. 1,937,052; Nov. 28.
 Laundry press. W. Jack. 1,917,124; July 4.
 Laundry pressing and drying machine. E. Davis. 1,939,043; Dec. 12.
 Laundry sorting machine. E. C. Maurer. 1,902,088; Mar. 21.
 Laundry tab and affixing it to laundry articles. J. Griesinger. 1,912,132; May 30.
 Laundry unit. G. Nelson. 1,940,809; Dec. 26.
 Laundry work unit. J. D. Morgan and H. N. Durham. 1,906,707; May 2.
 Laundry work unit. J. D. Morgan and H. N. Durham. 1,934,872; Nov. 14.
 Lavatory. W. J. Kohler, jr., and F. G. Brotz. Des. 89,200; Feb. 7.
 Lavatory. C. J. Sandhagen. 1,898,314; Feb. 21.
 Lavatory. J. Tidwell. Des. 89,931; May 16.
 Lavatory. E. G. Watrous. 1,930,633; Oct. 17.
 Lavatory. Concealed. W. H. Hendrickson. 1,909,618; May 16.
 Lavatory fixture. M. Callejo. 1,935,201; Nov. 14.
 Lavatory, Shampoo. R. A. Northcott. Des. 89,138; Jan. 31.
 Lavatory, Shampoo. R. A. Northcott. 1,917,773; July 11.
 Lawn and camp chair, Folding. J. A. Parks. 1,916,771; July 4.
 Lawn and surf edger. H. Engel. 1,912,893; June 6.
 Lawn cleaner. N. E. Jinkerson. 1,932,137; Oct. 24.
 Lawn edger. A. L. Harbour and H. Albrecht. 1,916,725; July 4.
 Lawn edger and trimmer. D. M. Smith. 1,901,992; Mar. 21.
 Lawn edging tool. P. Wolf. 1,892,795; Jan. 3.
 Lawn mower. H. B. and T. C. Newton. 1,918,349; July 18.
 Lawn mower attachment. A. J. Wagner. 1,918,357; July 18.
 Lawn mower wheel. J. S. Clapper. 1,930,835; Oct. 17.
 Lawn perforator. F. F. Washburn. 1,893,253; Jan. 3.
 Lawn roller. W. H. Himmelberger. 1,924,644; Aug. 29.
 Lawns, Preparing. E. F. Kleckhefer. 1,905,176; Apr. 25.
 Layers sensitive to light, Production and application of. W. Frankenburg and G. Roessler. 1,903,783; Apr. 18.
 Lead acetate, Making flaked. R. E. Lawrence. 1,911,907; May 30.
 Lead alloys, Making. R. J. Shoemaker. 1,916,496; July 4.
 Lead alloys, Refining of. T. E. Harper, jr., and G. Reinberg, jr. 1,913,985; June 13.
 Lead and slug cutter. J. W. Flatt. 1,908,703; May 16.
 Lead and other metals contained in lead bearing ores, Converting into soluble salts. P. Gamichon. 1,905,460; Apr. 25.
 Lead arsenate green and product, Coloring. G. E. Sanders and A. E. Waller. 1,908,544; May 9.
 Lead bullion, Refining impure lead. J. O. Johnstone. 1,927,662; Sept. 19.
 Lead carbonate product, Preparing a. S. S. Svendsen. 1,898,405; Feb. 21.
 Lead covering of electrical cable, Apparatus for removing the. L. Nunninghoff. 1,941,364; Dec. 26.
 Lead directly from lead ore in the form of an acetate of lead, Recovery of. L. P. Curtin. 1,916,302; July 4.
 Lead extrusion apparatus. F. L. Davis, jr. 1,904,419; Apr. 18.
 Lead for printing machines, Web. H. V. Ball. 1,899,226; Feb. 28.
 Lead for use thereof in antifriction alloys containing other metals which are not adapted to be alloyed with lead, Refining. A. E. Ricard and L. Daniel. 1,914,788; June 20.
 Lead from tin or tin alloys, Separating and recovering of. A. Hanak. 1,911,188; May 30.
 Lead from tubes and other articles, Removing. C. L. Mantell. 1,918,817; July 18.
 Lead from waste materials, Electrolytic process for the recovery of. J. H. Calbeck. 1,911,604; May 30.
 Lead holder. M. Steiger. 1,908,491; May 9.
 Lead-in device. G. W. Allen. 1,912,115; May 30.
 Lead, Method and apparatus for refining. P. W. Davis. 1,938,582; Dec. 12.
 Lead of high resistance against the action of hot sulphuric acid. T. Wallis and O. Falek. 1,939,799; Dec. 19.
 Lead ores and bag-house dust directly into lead salts, Converting roasted. L. P. Curtin. 1,916,303; July 4.
 Lead oxide, Manufacture of. A. Finkelstein. 1,915,724; June 27.
 Lead oxides in the dry state, Apparatus for the continuous production of. G. Shimadzu. 1,896,020; Jan. 31.
 Lead oxides, Manufacture of. W. S. Hutchinson. 1,913,391; June 13.
 Lead, Process and apparatus for producing pulverized. Y. Takata. 1,938,876; Dec. 12.
 Lead, Producing tetra alkyl. M. G. Amick, F. B. Downing, and A. E. Parmelee. 1,907,701; May 9.
 Lead, Production of white. J. W. Hiff and W. J. Lindsay. 1,898,054; Feb. 21.
 Lead, Production of white. E. M. Loftand. 1,914,952; June 20.
 Lead, Refining. P. W. Davis. Re18,930; Aug. 29.
 Lead, Refining of. C. T. Patterson. 1,920,211; Aug. 1.
 Lead sulphate ores, Treating. N. C. Christensen. 1,937,635; Dec. 5.
 Lead sulphates containing lead oxides, Manufacturing. S. Negishi. 1,933,750; Nov. 7.
 Lead sulphide ores, Treating. N. C. Christensen. 1,937,637; Dec. 5.
 Lead tapes, Manufacturing. H. W. Kelly. 1,895,331; Jan. 24.
 Lead testing machine. J. C. Drader. 1,898,084; Feb. 21.
 Lead-zinc sulphide ores, Treating. N. C. Christensen. 1,937,636; Dec. 5.
 Leaded window trussed joint. W. Henderson. 1,940,862; Dec. 26.
 Leader pin. E. A. Baumbach. 1,926,798; Sept. 12.
 Leaf, Artificial. C. W. Joham. 1,893,500; Jan. 10.
 Leaf assembly, Loose. L. Middleditch. 1,901,980; Mar. 21.
 Leaf catcher for beet dumps, etc. J. W. Silver. 1,895,268; Jan. 24.
 Leaf cover or support, Loose or bound. F. L. Impey. 1,913,634; June 13.
 Leaf filter. E. A. Alliot. 1,919,085; July 18.
 Leaf flipper. R. M. Reynolds. 1,894,241; Jan. 10.
 Leaf-opener for filler-stripping machines. R. E. Rundell and G. E. Hagquist. 1,916,018; June 27.
 Leaf spring. W. G. Calkins and C. A. Tea. 1,927,627; Sept. 19.
 Leaf spring. W. H. Wallace. 1,907,912; May 9.
 Leaf spring, Rubber covered. H. D. Geyer and A. H. Flower. 1,892,944; Jan. 3.
 Leaf stemming machine. O. V. Kean. 1,926,776; Sept. 12.
 Leaf turner. E. Bartels. 1,903,727; Apr. 11.
 Leaf turner. W. Fliether. 1,905,963; Apr. 25.
 Leak detector, Mechanical vacuum. J. M. Fagan. 1,933,322; Oct. 31.
 Leak indicator, Pressure. R. W. Bradley. 1,901,432; Mar. 14.
 Leak lock. L. W. Browne. 1,939,658; Dec. 19.
 Leak-preventing means for pumps and motor pumps, Antifriction. R. I. Reid. 1,928,795; Oct. 3.
 Leakproof collapsible tube. G. Augricht. 1,940,706; Dec. 26.
 Leak tester for gas containers. S. E. Allen and O. N. Wiswell. 1,926,474; Sept. 12.
 Leakage in hydraulic machines, Apparatus for controlling. R. E. B. Sharp. 1,938,936; Dec. 12.
 Leaks in a closed gas system, Detecting. H. W. Crouch. 1,933,791; Nov. 7.
 Leaks in a cooling system, Apparatus for detecting. B. J. Mullen. 1,915,576; June 27.
 Leaks in refrigerating systems, Detecting. H. M. Williams. 1,909,992; May 23.
 Leaks in refrigerating systems, Method and composition for detecting. H. M. Williams. 1,915,965; June 27.
 Leaks, Locating. K. Schlecker. 1,906,636; May 2.
 Leash, Dog. H. C. Davis. 1,924,596; Aug. 29.
 Leather, Apparatus for slitting. J. R. Ritzinger and F. G. Bevans. 1,940,464; Dec. 19.
 Leather, Artificial. A. C. Sewall. 1,915,339; June 27.
 Leather as applied to backs of loose leaf binders, Embossing. J. Cooper. 1,919,827; July 25.
 Leather brace, Bead line. L. W. Shields. 1,910,131; May 23.
 Leather buffing machine. R. E. Duplessis. 1,933,665; Nov. 7.
 Leather cleaner, White. S. Blacher. 1,932,262; Oct. 24.
 Leather, Device for shrinking. J. Hitzler and F. C. J. Merz. 1,904,787; Apr. 18.
 Leather, etc., Joining. O. P. Krogh. 1,923,215; Aug. 22.
 Leather finish. E. F. Arnold. 1,911,937; May 30.
 Leather finish, Enamel imitation. D. M. Phillippi. 1,936,913; Nov. 28.
 Leather manufacture, Artificial. R. B. Hill. 1,923,622; Aug. 22.
 Leather manufacture, Artificial. G. A. Richter. 1,926,599; Sept. 12.
 Leather, Manufacture of artificial. G. A. Richter, W. B. Van Arsdell, and R. B. Hill. 1,905,749; Apr. 25.
 Leather, Method and apparatus for tanning. C. Kannel. 1,893,706; Jan. 10.
 Leather, Method of and apparatus for use in cutting. T. D. Howe. 1,899,805; Feb. 28.

- Leather or similar article of manufacture. K. D. Robinson. Des. 88,987; Jan. 10.
- Leather splitting machine. S. A. Dobyne. 1,940,708; Dec. 26.
- Leather substitutes, Making. L. Boudy. 1,931,428; Oct. 17.
- Leather, Treating. R. W. Chandler. 1,930,158; Oct. 10.
- Leather, Washable printed. C. S. Friedman. 1,896,353; Feb. 7.
- Leather with fabric, Coating. J. W. Sweany. 1,928,606; Sept. 26.
- Leather working machine. G. A. Schettler. 1,935,861; Nov. 21.
- Lectern lighting unit. C. E. and G. R. Ferree. 1,899,499; Feb. 28.
- Ledger sheet. McW. Beers. 1,899,453; Feb. 28.
- Leer. L. Beon. 1,919,923; July 25.
- Leer. S. B. Bowman. 1,903,281-2; Apr. 4.
- Leer. E. E. Milner. 1,908,528; May 9.
- Leer. F. T. Nesbitt. 1,904,983; Apr. 18.
- Leer. F. T. Nesbitt. 1,923,581; Aug. 22.
- Leer, Annealing. J. L. Drake. 1,908,826; May 16.
- Leer, Annealing. P. L. Gear. 1,918,962; July 18.
- Leer feeder. O. C. K. Hutchinson. 1,906,605; May 2.
- Leer Feeding device. J. Mayo. 1,894,881; Jan. 17.
- Leer for annealing glassware. G. Lufkin. 1,919,167; July 18.
- Leer for annealing glassware. G. Lufkin. 1,923,941; Aug. 22.
- Leer loader. S. B. Bowman and T. Stenhouse. 1,906,786; May 2.
- Leer loader. S. B. Bowman, E. Haub, and H. D. Jackson. 1,932,801; Oct. 24.
- Leer loader. T. and D. Stenhouse. 1,903,916; Apr. 18.
- Leer loader. E. D. Sturm. 1,912,503; June 6.
- Leer stacker. J. Mayo. 1,926,593; Sept. 12.
- Leg, Artificial. W. T. Carnes. 1,937,870; Dec. 5.
- Leg, Artificial. F. P. Sargent. 1,934,210; Nov. 7.
- Leg attaching device. C. C. Bogardus. 1,935,540; Nov. 14.
- Leg attachment for stoves or ranges. C. H. and R. F. Hoffstetter. 1,910,336; May 23.
- Leg for sinks, Adjustable. E. S. Erickson. 1,907,765; May 9.
- Leg for workbenches and the like, Adjustable. G. C. Noros. 1,898,384; Feb. 21.
- Leg mounted for furniture. C. F. Stoddard. 1,934,746; Nov. 14.
- Leg support for folding card tables. E. C. Turner. 1,933,882; Nov. 7.
- Legging. K. E. Jensen. 1,937,573; Dec. 5.
- Legging protector. H. C. Nilsen. 1,922,172; Aug. 15.
- Legging, Pull-off. S. N. Sager. 1,902,584; Mar. 21.
- Leggings, Child's. B. Fischer. Des. 89,951; May 23.
- Lens. E. Culver and A. H. Emerson. 1,932,100; Oct. 24.
- Lens. J. F. Lewis. 1,933,988; Nov. 7.
- Lens. J. R. Silverman. 1,912,165; May 30.
- Lens. E. D. Tillyer. 1,910,483; May 23.
- Lens adjustment in double lens projection, Apparatus for. G. Lane and J. E. Patterson. 1,922,963; Aug. 15.
- Lens and making same, Multifocal. G. A. Clement. 1,911,806; May 30.
- Lens assembly. C. A. Michel. 1,928,112; Sept. 26.
- Lens blanks, Method and apparatus for fusing. E. M. Morris. 1,910,708; May 23.
- Lens, Catadioptric. J. B. Dickson. 1,922,618; Aug. 15.
- Lens cutting machine. J. R. Powell. 1,904,879; Apr. 18.
- Lens, Eyeglass. H. A. Toulmin, jr. 1,906,672; May 2.
- Lens for automobile head lamps. N. De Leo. Des. 90,237; July 4.
- Lens for automobile lamps. A. Gross. Des. 89,304; Feb. 21.
- Lens for light reflector signal, Glass. H. C. Reichhardt. Des. 89,670; Apr. 18.
- Lens generating machine, Toric. J. J. McCabe. 1,901,181; Mar. 14.
- Lens holder construction and position indicator. A. Kindelmann and E. Boecking. 1,921,413; Aug. 8.
- Lens marking machine. C. C. Allen. 1,931,477; Oct. 24.
- Lens mount structure, Interchangeable. A. S. Howell. 1,923,376; Aug. 22.
- Lens mounting. W. R. Uhlemann. 1,938,304; Dec. 5.
- Lens, Multifocal. D. D. Hubbell. 1,928,538; Sept. 26.
- Lens, Ophthalmic. A. E. Glancy. 1,910,466; May 23.
- Lens, Ophthalmic. A. E. Glancy. 1,923,572; Aug. 22.
- Lens, Ophthalmic. O. G. Haussmann. Des. 91,238; Dec. 26.
- Lens, Ophthalmic. H. W. Hill and E. D. Tillyer. 1,911,154; May 23.
- Lens, Ophthalmic. M. A. Laabs. 1,905,644; Apr. 25.
- Lens, Ophthalmic. H. H. Styll. 1,925,575; Sept. 5.
- Lens, Ophthalmic. J. C. Wells. 1,918,999; July 18.
- Lens, Ophthalmic-mounting. F. A. Stevens. Des. 91,146; Dec. 5.
- Lens, Photographic and projection. A. Warmisham. 1,926,569; Sept. 12.
- Lens, Projecting. W. H. Repp. 1,937,168; Nov. 28.
- Lens projector for head lamps. W. D. Stockman. 1,910,779; May 23.
- Lens, Quin-focal ophthalmic. O. G. Haussmann. Des. 91,239; Dec. 26.
- Lens rim joint and nose-guard connection for eyeglass frames, Combined. V. Tanasso and J. J. Pomeranz. 1,931,635; Oct. 24.
- Lens rim joint for eyeglass frames. V. Tanasso and J. J. Pomeranz. 1,926,566; Sept. 12.
- Lens strap. N. M. Baker. Des. 89,328-9; Feb. 28.
- Lens strap. J. C. Wells. 1,918,998; July 18.
- Lens system. W. B. Rayton. 1,934,561; Nov. 7.
- Lens system. C. M. Weber. 1,914,053; June 13.
- Lens system, Unsymmetrical objective. A. W. Tronnier. 1,924,527; Aug. 29.
- Lenses. N. M. Stanley. 1,899,777; Feb. 28.
- Lenses, Bifocal. H. A. Toulmin, jr. 1,924,336; Aug. 29.
- Lenses, Blocking ophthalmic. H. W. Hill. Re19,015; Dec. 5.
- Lenses, Blocking ophthalmic. H. W. Hill. 1,911,153; May 23.
- Letter box. F. Sauter. 1,900,078; Mar. 7.
- Letter file. R. H. Meves. 1,905,418; Apr. 25.
- Letter for monograms, Embroidered. S. Levenson. 1,893,422; Jan. 3.
- Lettering device. L. W. Richards and E. Tarry. 1,931,358; Oct. 17.
- Letters, Changeable. J. E. Williams. 1,896,131; Feb. 7.
- Leucite and like minerals, Treatment of. T. J. I. Craig. 1,914,404; June 20.
- Levee machine. C. F. Wait. 1,903,399; Apr. 4.
- Levees and the like, Apparatus for constructing. J. T. Chambers. 1,923,913; Aug. 22.
- Level. W. S. Dyer. 1,915,596; June 27.
- Level. J. O. French. 1,893,988; Jan. 10.
- Level. B. Rudolf. 1,927,504; Sept. 19.
- Level and gauge, Combination. H. L. Widner. 1,922,997; Aug. 15.
- Level, Automatic. L. Sichel. 1,910,266; May 23.
- Level, Box shaped water. C. von Hofe and J. Schier. 1,902,387; Mar. 21.
- Level control apparatus, Liquid. J. E. Stoll. 1,899,063; Feb. 28.
- Level, Multiindicating. O. H. Heinze. 1,898,367; Feb. 21.
- Level protractor. G. G. Fisher. 1,931,490; Oct. 24.
- Level, Sight. L. A. Harkness and S. L. Neely. 1,938,167; Dec. 12.
- Level, Spirit. P. H. Rogers. 1,920,892; Aug. 1.
- Leveler. J. A. Dershem. 1,933,663; Nov. 7.
- Leveler. C. W. Tharp. 1,901,936; Mar. 21.
- Leveling and troweling device for concrete. B. S. Clark. 1,926,193; Sept. 12.
- Leveling bar for coke ovens. C. E. Underwood. 1,937,734; Dec. 5.
- Leveling device. E. A. Hutchens. 1,894,870; Jan. 17.
- Leveling device. H. A. Jones. 1,915,320; June 27.
- Leveling device. H. Hicks, jr. 1,897,498; Feb. 14.
- Leveling device for vehicles, Automatic. A. F. Callison. 1,896,883; Feb. 7.
- Leveling machine. A. Eppler. 1,935,625; Nov. 21.
- Leveling and safety device. H. T. Anderson. 1,928,826; Oct. 3.
- Lever. W. J. Andres and C. E. Ward. 1,900,151; Mar. 7.
- Lever. J. Bingham. 1,929,473; Oct. 10.
- Lever, Adjustable. A. Alsaker and E. S. Corneliussen. 1,905,784; Apr. 25.
- Lever, Adjustment. C. C. Green. 1,895,987; Jan. 31.
- Lever, Brake and clutch. C. E. Furgason. 1,893,544; Jan. 10.
- Lever control head. A. H. Downs. 1,915,123; June 20.
- Lever for gas water heaters, Valve controlling. L. F. Fay and O. Goodell. 1,936,388; Nov. 21.
- Lever for track scales. A. Bousfield. 1,940,577; Dec. 19.
- Lever, Gear shift. C. R. Miller. 1,927,646; Sept. 19.
- Lever, Hand. W. M. Lanagan. 1,909,182; May 16.
- Lever mechanism. H. B. Tarbox. Re18,933; Sept. 5.
- Lever operating reel. G. S. Scott. 1,906,425; May 2.
- Lever, Sheet metal. W. T. Hunt. 1,917,715; July 11.
- Lever support. B. E. House. 1,914,506; June 20.
- Leverage mechanism, Variable. B. H. Browall. 1,936,977; Nov. 28.
- Levo-1-phenyl-2-methylamino-propanol-1, Preparing. F. Stolz and J. Hallensleben. 1,927,961; Sept. 26.
- License carrier, bumper, and release, Combination automobile. S. Skoko. 1,905,007; Apr. 25.
- License frame, Self-holding auto. P. Hudson. 1,905,874; Apr. 25.
- License holder. F. F. Crosby. 1,895,704; Jan. 31.
- License plate. O. H. Anderson. 1,903,155; Mar. 28.
- License plate for motor vehicles. C. B. Smith. 1,904,093; Apr. 18.
- License plate frame. A. S. Campbell. 1,936,287; Nov. 21.
- License plate holder. H. F. Doughty. 1,936,711; Nov. 28.
- License plate holder. A. B. Keagle. 1,913,082; June 6.
- License plate holder. O. C. Ritz Woller. 1,913,000; June 6.
- License plate holder. W. H. Von Hacht. 1,898,024; Feb. 21.
- License plate holder, Automobile. C. R. Davis. 1,903,258; Mar. 28.
- License plate holder, Automobile. E. A. Scaplen. 1,913,773; June 13.
- License plate or sign, Automobile. J. P. Meehan. 1,898,379; Feb. 21.
- License tag. W. H. Fluker. 1,934,121; Nov. 7.
- License tag. R. B. Leslie. 1,913,891; June 13.
- License tag. C. Washburn. 1,935,681; Nov. 21.
- License tag, Lock strip. C. L. Fortinberry. 1,934,598; Nov. 7.
- Lid, Container. G. H. Riddle. Des. 89,852; May 9.

- Lid, Cooking utensil. J. K. Matter and J. T. Weinzierl. 1,928,298; Sept. 26.
- Lid for pressure-resisting vessels in which fluids are stored or generated under pressure. C. S. Hall. 1,932,135; Oct. 24.
- Lid, Journal box. A. O. Buckius. 1,938,315; Dec. 5.
- Lid, Journal box. H. O. Nekola. 1,938,398; Dec. 5.
- Lid, Milk can. L. A. Perkins and A. C. Wilson. Des. 89,264; Feb. 14.
- Lid, Spring balanced container. R. F. Kuns. 1,928,667; Oct. 3.
- Lid, straightening and sealing tool. J. Z. Humbert. 1,903,388; Apr. 4.
- Lid supporting means for cabinets or boxes. J. Thompson. 1,912,105; May 30.
- Lidding tool. R. Byers. 1,938,807; Dec. 12.
- Lifeboat detaching gear. C. Hunt. 1,925,758; Sept. 5.
- Lifeboat hook. F. E. Craig. 1,900,227; Mar. 7.
- Lifeboat launching apparatus. J. L. Hyland. 1,935,030; Nov. 14.
- Life guard. E. Hanoul. 1,930,356; Oct. 10.
- Life preserver. J. Catarau. 1,921,658-9; Aug. 8.
- Life preserver. J. A. Farmer and H. A. Fichter. 1,901,906; Mar. 21.
- Life preserver. F. S. Genovese. 1,920,071; July 25.
- Life preserver. E. J. Harris. 1,932,585; Oct. 31.
- Life preserver. J. Robertson. 1,938,610; Dec. 12.
- Life preserver, Buoyant. G. P. Denton. 1,931,406; Oct. 17.
- Life protector and dual control for motor vehicles. C. Klock. 1,932,315; Oct. 24.
- Life-safety apparatus. A. Bauman. 1,920,054; July 25.
- Life saving apparatus for aviators. C. L. Tibbals and F. M. Hobson. 1,916,345; July 4.
- Life-saving device. T. Nakamura. 1,904,767; Apr. 18.
- Life saving device for submarines. H. F. Good. 1,920,301; Aug. 1.
- Lift, Automobile. F. Ackerman. 1,899,491; Feb. 28.
- Lift, Automobile. E. H. Steedman. 1,899,534; Feb. 28.
- Lift for scraper blade, Hydraulic. G. E. Dean. 1,909,854; May 16.
- Lift for the heel of a shoe, Detachable. H. Makruzin. 1,895,469; Jan. 31.
- Lift for trucks, Hydraulic. W. Schroeder. 1,917,602; July 11.
- Lift for vehicles, Hydraulic. C. J. Bristol. 1,900,483; Mar. 7.
- Lift grading machine. D. Parks. 1,923,878; Aug. 22.
- Lift mechanism. J. A. Kwake. 1,916,674; July 4.
- Lift, Pneumatic. E. F. Conley. 1,931,815; Oct. 24.
- Lift, Portable. R. F. Phillips. 1,909,890; May 16.
- Lift strut, Adjustable stabilizing. G. M. Bellanca. 1,926,136; Sept. 12.
- Lifter: See—
- Battery lifter. Valve lifter.
- Pan lifter. Valve spring lifter.
- Lifter. J. F. Brewer. 1,901,729; Mar. 14.
- Lifting and discharging apparatus, Load. C. Carmillet. 1,914,711; June 20.
- Lifting and dumping apparatus. F. Frazer. 1,927,004; Sept. 12.
- Lifting and locking device for Venetian blinds. W. H. Ruby and J. E. Cooper. 1,894,833; Jan. 17.
- Lifting and lowering apparatus. H. C. Miller and E. H. Dainton. 1,911,918; May 30.
- Lifting and rotating apparatus. S. A. Neidich. 1,899,714; Feb. 28.
- Lifting apparatus. F. Ackerman. 1,941,240; Dec. 26.
- Lifting apparatus. A. I. Logette and E. H. Dainton. 1,915,024; June 20.
- Lifting appliance. A. and A. Faure. 1,923,780; Aug. 22.
- Lifting device. A. J. Ackerman. 1,905,427; Apr. 25.
- Lifting device. M. K. McCosh. 1,922,553-4; Aug. 15.
- Lifting device. J. S. Pehrsson. 1,929,956; Oct. 10.
- Lifting device. M. W. Severance. 1,908,926; May 16.
- Lifting device and supporting device. M. K. McCosh. 1,922,555; Aug. 15.
- Lifting device for selectors in telephone exchanges. F. Merk. 1,913,812; June 13.
- Lifting device for trucks and vehicles. N. A. Swartz and J. W. Lewis. 1,914,308; June 13.
- Lifting element for hydraulic jacks. H. W. Bolens. 1,925,652; Sept. 5.
- Lifting grab. G. W. Butts. 1,895,649; Jan. 31.
- Lifting jack. H. W. Clark. 1,926,711-12; Sept. 12.
- Lifting jack. J. F. Donnelly. 1,904,279; Apr. 18.
- Lifting jack. A. Horvath. 1,902,448; Mar. 21.
- Lifting jack. E. E. Long. 1,916,517; July 4.
- Lifting jack. E. E. Long. 1,925,194; Sept. 5.
- Lifting jack. M. H. Loughridge. 1,901,915; Mar. 21.
- Lifting jack. J. J. Mizer and E. J. Sullivan. 1,914,149; June 13.
- Lifting jack. J. A. Morrison. 1,898,663; Feb. 21.
- Lifting jack. A. H. Powell. 1,932,561; Oct. 31.
- Lifting jack. F. H. Schwerin. 1,918,934; July 18.
- Lifting jack. F. H. Schwerin. 1,925,821; Sept. 5.
- Lifting jack. A. W. Skocz. 1,916,497; July 4.
- Lifting jack. W. A. Traut. 1,933,777; Nov. 7.
- Lifting jack. L. G. Van Sickle. 1,928,402; Sept. 26.
- Lifting jack. W. T. Walker. 1,927,326; Sept. 19.
- Lifting jack, Automobile. C. D. Martinetti. 1,896,715; Feb. 7.
- Lifting jack handle. J. Genich. 1,895,817; Jan. 24.
- Lifting mechanism. I. V. K. Hott. 1,894,040; Jan. 10.
- Lifting tool. R. L. O'Connor. 1,934,876; Nov. 14.
- Lifting type of valve tool. A. E. Church. 1,928,218; Sept. 26.
- Light: See—
- Adjustable light. Flash light.
- Bed light. Gas discharge light.
- Binnacle light. Gaseous light.
- Candle flash light. Pocket light.
- Candle light. Safety light.
- Condenser light. Signal light.
- Dirigible light. Surgical light.
- Driving light. Traffic light.
- Electric hand flash light. Trouble light.
- Electric light. White light.
- Light. B. S. Floraday. 1,923,861; Aug. 22.
- Light. B. S. Floraday. 1,926,377; Sept. 12.
- Light and operating the same, Source of. E. Von Lepel. 1,919,490; July 25.
- Light and similar rays, Apparatus for treating. A. O. Tate. 1,904,566; Apr. 18.
- Light, Apparatus for determining the quantity and quality of. R. E. Nauman. 1,913,719; June 13.
- Light apparatus, Tank. R. Hipp, Jr. 1,926,945; Sept. 12.
- Light attachment. F. R. Sutherland and C. W. Bell. 1,926,755; Sept. 12.
- Light beam instrument. F. S. Marcellus. 1,894,111; Jan. 10.
- Light boundaries, Apparatus for producing. E. J. Grant. 1,916,567; July 4.
- Light by sound waves, Method and apparatus for controlling projection of. R. V. Wood. 1,913,367; June 13.
- Light casing, Vehicle rear. H. C. Reichardt. Des. 89,469; Mar. 14.
- Light checking means, Auto. W. T. Crespinel and C. W. Fyenne. 1,905,408; Apr. 25.
- Light construction. B. S. Floraday. 1,907,148; May 2.
- Light control, Automatic. K. Schneider. 1,905,511; Apr. 25.
- Light control device for printing machines. A. L. Adatte. 1,933,693; Nov. 7.
- Light control, Electro-mechanical pilot. D. Rossi and N. Colicchio. 1,894,006; Jan. 10.
- Light control, Self compensating. C. A. Styer. 1,905,251; Apr. 25.
- Light controlling method and means. A. Whitaker. 1,921,852; Aug. 8.
- Light dimmer. W. J. Penney. 1,925,001; Aug. 29.
- Light director, Vehicle. E. S. Timmons. 1,917,560; July 11.
- Light dividing device. G. A. Althoff. 1,897,994; Feb. 21.
- Light filter. A. Bostroem. 1,924,538; Aug. 29.
- Light fixture, Electric. H. W. Lawrence. 1,904,901; Apr. 18.
- Light fixture, Electric. G. E. McFadden. Des. 89,905-6; May 16.
- Light fixture, Electric pilot. V. R. Despard. Des. 90,021; May 30.
- Light flasher, Electric. S. G. Ramsey and E. S. Zacharias. 1,928,437; Sept. 26.
- Light fluctuations, Method of and apparatus for eliminating undesirable. I. H. Barkey. 1,926,832; Sept. 12.
- Light for refrigerators, ice boxes, closets, and the like, Battery. G. A. Baylis. 1,906,131; Apr. 25.
- Light for television and picture receiving, Point source. D. D. Knowles. 1,936,793; Nov. 28.
- Light illuminating instrument. J. De Francesco. 1,913,233; June 6.
- Light intensive objective. M. Berek. 1,939,098; Dec. 12.
- Light meter. P. MacGahan. 1,932,043; Oct. 24.
- Light, Method and apparatus for producing. E. F. Northrup. 1,904,995; Apr. 25.
- Light modifying means. G. Arms. 1,940,040; Dec. 19.
- Light modulating device. B. J. Chromy. 1,894,942; Jan. 24.
- Light modulator and constructing the same. R. A. Fessenden. 1,901,502; Mar. 14.
- Light or analogous article, Table. V. Da Gama. Des. 89,075; Jan. 24.
- Light plug. C. M. Way. 1,900,782; Mar. 7.
- Light-producing ignitable composition. S. H. Lucas. 1,925,641; Sept. 5.
- Light projection. L. R. Morshead and H. Martin. 1,928,431; Sept. 26.
- Light projection. H. E. Smith and H. E. Buffington. 1,913,517-18; June 13.
- Light projection display. T. Wilfred. 1,908,203; May 9.
- Light projector. P. S. Bailey. 1,915,967; June 27.
- Light projector. R. W. Lewis. 1,892,898; Jan. 3.
- Light projector. H. E. Smith and H. E. Buffington. 1,913,519; June 13.
- Light rays, Apparatus for refracting. F. Skaupy. 1,923,891; Aug. 22.
- Light reflecting lamp. S. C. and E. Caddy. 1,940,580; Dec. 19.
- Light regulating device. L. S. Simon. 1,930,254; Oct. 10.
- Light relay. N. Deisch. 1,913,795; June 13.
- Light sensitive apparatus. A. W. Hull. 1,938,426; Dec. 5.
- Light sensitive cell. A. W. Carpenter. 1,940,245; Dec. 19.
- Light-sensitive layer. M. P. Schmidt, W. Krieger, and E. Sprüngers. 1,936,957; Nov. 28.
- Light-sensitive layer. M. P. Schmidt and H. Neuroth. 1,934,011; Nov. 7.
- Light-sensitive material. B. Wendt and H. Bincer. 1,916,779; July 4.

- Light sensitive tube. V. Zworykin. 1,893,573; Jan. 10.
 Light signal. E. E. Edwards. 1,919,276; July 25.
 Light signal. E. W. Moore. 1,918,480; July 18.
 Light signal. B. E. O'Hagan. 1,932,022; Oct. 24.
 Light signal. H. G. Witmer. 1,913,578; June 13.
 Light signal unit. O. S. Field. 1,936,297; Nov. 21.
 Light source. R. E. Wallace. 1,914,224; June 13.
 Light source. E. D. Wilson. 1,909,084; May 16.
 Light source control system. J. W. Legg. 1,911,371; May 30.
 Light source, Ionic bombardment. R. T. Cloud. 1,898,032; Feb. 21.
 Light strip, Electric. J. D. Carr. 1,905,143; Apr. 25.
 Light support. D. J. Biller. 1,930,081; Oct. 10.
 Light support. W. N. Herrold. 1,940,054; Dec. 19.
 Light variations, Producing high frequency. R. T. Cloud. 1,905,153; Apr. 25.
 Light, vault lighting and roof light construction, Floor. J. H. Old. 1,917,808; July 11.
 Lighter. R. E. Berthold. 1,899,008; Feb. 28.
 Lighter. R. E. Berthold. 1,937,469; Nov. 28.
 Lighter. G. H. Jaspert and J. M. Guthrie. 1,917,766; July 11.
 Lighter. M. L. Novack. 1,927,572; Sept. 19.
 Lighter. H. T. Schiff. 1,935,486; Nov. 14.
 Lighter. G. P. Schmitt. 1,937,097; Nov. 28.
 Lighter. S. and J. W. Spiselman. 1,932,193; Oct. 24.
 Lighter. H. Steinfeld. 1,910,370; May 23.
 Lighter, Adjustable edge. A. A. Henkel. 1,910,435; May 23.
 Lighter and clock, Combined. H. T. Schiff. Des. 91,252; Dec. 26.
 Lighter and dispenser, Combination electric cigarette. H. H. La Vercombe. Des. 90,775; Sept. 26.
 Lighter and tobacco container or the like, Combined. E. E. Smith and K. L. Bunze. Des. 90,267; July 4.
 Lighter, Automatic. J. B. Williams. 1,898,863; Feb. 21.
 Lighter, Automatic cigarette. H. Mann. 1,927,800; Sept. 19.
 Lighter burner. F. W. Stockmeyer. 1,931,462; Oct. 17.
 Lighter, Cigar. L. V. Aronson. Re19,023; Dec. 12.
 Lighter, Cigar. H. Bracht. 1,908,310; May 9.
 Lighter, Cigar. I. Florman. 1,903,729; Apr. 11.
 Lighter, Cigar. W. H. Hutchins and T. L. Lee. 1,928,224; Sept. 26.
 Lighter, Cigar. J. Sinko. 1,910,066-7; May 23.
 Lighter, Cigar and cigarette. W. F. Armstrong. 1,911,936; May 30.
 Lighter, Cigar and cigarette. O. D. von Mehren. 1,935,489; Nov. 14.
 Lighter, Cigar or cigarette. F. W. Snyder. 1,925,287; Sept. 5.
 Lighter, Combined golf club and friction. C. Floyd. 1,909,822; May 16.
 Lighter construction. L. V. Aronson. 1,900,684; Mar. 7.
 Lighter construction, Gas. E. W. Roberts. 1,921,778; Aug. 8.
 Lighter, Electric cigar. S. L. Wolfson. 1,903,502; May 9.
 Lighter, Electric cigar and cigarette. F. J. Hammer. 1,921,254; Aug. 8.
 Lighter, Electric gas. L. Zwilling. 1,898,418; Feb. 21.
 Lighter, Fire. A. J. Coutu. 1,936,499; Nov. 21.
 Lighter for cigars, etc., Electric. S. L. Wolfson. 1,911,596; May 30.
 Lighter for gas ranges, Automatic. H. W. O'Dowd. 1,928,500; Sept. 26.
 Lighter or similar article, Cigar. B. Greenberger. Des. 89,338; Feb. 28.
 Lighter, Petrol and like. I. J. Aronowitz. 1,932,652; Oct. 31.
 Lighter, Pipe and cigar. J. B. Rintels. 1,940,463; Dec. 19.
 Lighter, Pocket. G. S. Barker. 1,894,300; Jan. 17.
 Lighter, Pocket. L. F. Douglass. 1,932,960; Oct. 31.
 Lighter, Pocket. A. Kaufmann. 1,896,140; Feb. 7.
 Lighter, Pocket. H. T. Schiff. 1,937,249; Nov. 28.
 Lighter, Pocket. H. S. Strausser and H. T. Reynolds. 1,900,207; Mar. 7.
 Lighter, Portable gas. A. A. Keller. 1,913,448; June 13.
 Lighter, Pyrophoric. H. Py. 1,925,933; Sept. 5.
 Lighter, Pyrophoric. A. E. Weissenburger. 1,904,299; Apr. 18.
 Lighting and air circulating fixture, Combined. P. Raff. Des. 88,985; Jan. 10.
 Lighting and extinction of articles such as letters, words, phrases, pictures, etc., Apparatus providing progressive. F. J. Bourgeois and J. J. Parayre. 1,916,409; July 4.
 Lighting apparatus. M. Exelmans. 1,929,020; Oct. 3.
 Lighting apparatus employing rectilinear light sources. M. Exelmans. 1,941,079; Dec. 26.
 Lighting apparatus for moving picture stages. G. R. Murdoch, F. O. Johnson, and H. E. Wagner. 1,923,741; Aug. 22.
 Lighting appliance. M. Exelmans. 1,916,169; June 27.
 Lighting arrangement, Vehicle. H. Schwarze. 1,909,077; May 16.
 Lighting construction. R. R. Benjamin and J. H. Waterbury. 1,903,087; Mar. 28.
 Lighting control apparatus. F. B. Adam. 1,901,886; Mar. 21.
 Lighting control apparatus. F. B. Adam. 1,908,941; May 16.
 Lighting control system. F. B. Adam. 1,907,030; May 2.
 Lighting control system. F. B. Adam. 1,912,613; June 6.
 Lighting device. S. K. Lowe. 1,898,842; Feb. 21.
 Lighting device. H. J. Spanner and U. Doering. 1,925,648; Sept. 5.
 Lighting device. H. E. Toelle. 1,931,517; Oct. 24.
 Lighting device. W. Wilson. 1,893,606; Jan. 10.
 Lighting device and fuel therefor, Portable. T. H. Fisher. 1,895,032; Jan. 24.
 Lighting device, Friction. J. T. Scully. 1,906,217; Apr. 25.
 Lighting, Emergency. E. C. Dixon. 1,922,079; Aug. 15.
 Lighting fixture. J. H. Allen. 1,912,116; May 30.
 Lighting fixture. G. Arras. 1,940,482; Dec. 19.
 Lighting fixture. G. Arras and D. E. Worrell. 1,918,828; July 18.
 Lighting fixture. M. B. Beck. Des. 90,938-40; Oct. 31.
 Lighting fixture. M. B. Beck. 1,931,100; Oct. 17.
 Lighting fixture. H. A. Breeding. 1,915,975; June 27.
 Lighting fixture. T. Chanock and E. Freyer. 1,936,933; Nov. 28.
 Lighting fixture. J. B. Chartrand. 1,900,330; Mar. 7.
 Lighting fixture. H. A. Framburg. Des. 89,566; Apr. 4.
 Lighting fixture. F. W. L. Fullerton. 1,940,211; Dec. 19.
 Lighting fixture. G. E. Glatthar. Des. 89,395; Mar. 7.
 Lighting fixture. G. E. Glatthar. 1,894,586; Jan. 17.
 Lighting fixture. E. F. Guth. 1,900,552; Mar. 7.
 Lighting fixture. E. F. Guth. 1,939,260; Dec. 12.
 Lighting fixture. R. B. Hale. Des. 89,305; Feb. 21.
 Lighting fixture. R. B. Hale. 1,900,380; Mar. 7.
 Lighting fixture. O. G. Hildebrand. Des. 91,127; Nov. 28.
 Lighting fixture. T. L. Howell. Des. 90,612; Aug. 29.
 Lighting fixture. W. C. Koch. 1,903,463; Apr. 11.
 Lighting fixture. W. Lumley. 1,926,052; Sept. 12.
 Lighting fixture. S. R. Naysmith. 1,918,484; July 18.
 Lighting fixture. R. V. Owen. Des. 89,091; Jan. 24.
 Lighting fixture. P. J. Parlatto and A. R. Krause. Des. 90,336; July 18.
 Lighting fixture. R. O. Pfeiffer. 1,918,823; July 18.
 Lighting fixture. J. T. Rogers. 1,909,124; May 16.
 Lighting fixture. L. Schepmoes. 1,910,062; May 23.
 Lighting fixture. C. A. Schroeder. 1,894,063; Jan. 10.
 Lighting fixture. W. Symmes. 1,917,612; July 11.
 Lighting fixture. S. J. Ticker. 1,932,297; Oct. 24.
 Lighting fixture. D. H. Tuck. Des. 91,222; Dec. 19.
 Lighting fixture head. C. Moser. Des. 88,980; Jan. 10.
 Lighting fixture head or similar article. F. M. Poritz. Des. 91,213; Dec. 19.
 Lighting fixture, Indirect. L. C. Doane. 1,918,455; July 18.
 Lighting fixture, Indoor. S. S. Dauman. 1,939,956; Dec. 19.
 Lighting fixture, Operating room. E. H. Greppin. 1,909,947; May 23.
 Lighting fixture, Shade-lock. J. L. Jaffe. 1,906,608; May 2.
 Lighting fixture, Show case. P. D. Phillips. 1,911,646; May 30.
 Lighting fixture, Street. A. G. Steinmayer. Re18,707; Jan. 3.
 Lighting fixture support. H. D'Olier, jr. 1,908,586; May 9.
 Lighting generator. J. F. Martin. 1,904,692; Apr. 18.
 Lighting, luminair, Indirect. W. A. Dorey. 1,913,377; June 13.
 Lighting match, Self. R. A. Whitlock. 1,912,957; June 6.
 Lighting of all spaces, System of indirect. J. T. Dourgnon. 1,900,436; Mar. 7.
 Lighting of luminescent tubes, Apparatus and method of obtaining. D. P. A. Kayser. 1,939,903; Dec. 19.
 Lighting set package, Christmas tree. A. L. Buschman. 1,899,666; Feb. 28.
 Lighting standard, Ornamental. G. E. Arbogast. 1,906,508; May 2.
 Lighting switch, Push-pull. E. M. Soreng. 1,910,645; May 23.
 Lighting system. L. L. Beck. 1,903,496; Apr. 11.
 Lighting system, Automobile. F. H. Prescott. 1,909,072; May 16.
 Lighting system, Automobile. W. W. Riedel. 1,911,971; May 30.
 Lighting system, Car. J. L. Creveling. 1,915,295; June 27.
 Lighting system for automotive vehicles. H. H. Gordon. 1,938,828; Dec. 12.
 Lighting system for toy automobiles. L. Strohacker. 1,939,733; Dec. 19.
 Lighting system for toy locomotives. E. D. Boisselier. Re18,981; Oct. 24.
 Lighting system for toy vehicles. O. J. Anderson. 1,939,880; Dec. 12.
 Lighting system for toy vehicles. H. T. Kingsbury. 1,939,354; Dec. 12.
 Lighting system for vehicle headlights, Auxiliary. E. O. Miller. 1,925,200; Sept. 5.
 Lighting unit. C. E. and G. R. Ferree. 1,894,583; Jan. 17.
 Lighting unit. C. E. and G. R. Ferree. 1,906,559; May 2.
 Lighting unit. R. L. Huse. 1,904,643; Apr. 18.
 Lighting unit. A. Partschat. Des. 90,644; Sept. 12.
 Lighting unit for reflected illumination. E. F. Guth. 1,900,551; Mar. 7.
 Lighting unit, Household. J. O. Cadieux. 1,938,555; Dec. 5.
 Lighting unit or article of analogous nature. S. S. Dauman. Re18,960; Oct. 3.

- Lighting unit or article of analogous nature. S. S. Dauman. Des. 90,134; June 13.
- Lighting unit. Self-contained. L. M. Wiley and J. W. Wharton. 1,913,696; June 13.
- Lights of automobiles, Device for automatically dimming the. R. Loewenstein. 1,917,532; July 11.
- Lightning and surge absorber. J. L. Miller. 1,925,929; Sept. 5.
- Lightning arrester. T. D. Berry. 1,905,970; Apr. 25.
- Lightning arrester. E. A. Everett. 1,939,679; Dec. 19.
- Lightning arrester. A. W. Hull. 1,906,602; May 2.
- Lightning arrester. A. W. Malone. 1,898,882; Feb. 21.
- Lightning arrester. J. R. McFarlin. 1,923,943; Aug. 22.
- Lightning arrester. J. R. McFarlin. 1,935,810; Nov. 21.
- Lightning arrester. Variable-voltage. R. C. Bergvall. 1,939,035; Dec. 12.
- Lightning arresters. H. M. Towne. 1,899,540; Feb. 28.
- Lightning or surge absorber. E. D. T. Norris. 1,901,767; Mar. 14.
- Lignite. Distillation of. H. Debauche. 1,912,974; June 6.
- Lily. Water. G. H. Pring. Pl. Pt. 55; Feb. 28.
- Limb, Artificial. L. G. Caron. 1,914,882; June 20.
- Limb, Artificial. C. Desoutter. 1,911,440; May 30.
- Limb, Artificial. A. E. Tullis. 1,893,853; Jan. 10.
- Lime and cement. Apparatus for burning. E. J. Wechter. 1,912,810; June 6.
- Lime and cement. Burning. E. J. Wechter. 1,912,811; June 6.
- Lime from oyster shells. Making. C. R. Haden. 1,896,403; Feb. 7.
- Lime slaking apparatus. E. E. Harper. 1,920,905; Aug. 1.
- Lime spreading attachment for manure spreaders. A. C. Van Houweling. 1,939,474; Dec. 12.
- Lime. Treating of. W. J. Kuntz. 1,929,591; Oct. 10.
- Limestone and the recovery of carbon dioxide. Method and apparatus for burning. E. P. Gillette. 1,923,084; Aug. 22.
- Liming device. Automatic continuous. E. C. Zitkowski. 1,922,411; Aug. 15.
- Limit load clutch. S. Halvorsen. 1,932,362; Oct. 24.
- Limit lock. H. H. Hoy and W. E. Adams. 1,925,757; Sept. 5.
- Limit switch. A. M. Flanders and J. T. Dessureau. 1,924,777; Aug. 29.
- Limit switch. G. A. Halfvarson. 1,930,047; Oct. 10.
- Line carrying reel. J. T. Crandall. 1,896,741; Feb. 7.
- Line casting machine. F. W. Severin. 1,913,216; June 6.
- Line casting machine. S. E. Sperry. 1,927,760; Sept. 19.
- Line control for can making machines. W. H. Myer. 1,941,043; Dec. 26.
- Line fastener. E. A. and V. Fries. 1,931,346; Oct. 17.
- Line guide. C. Heddon. 1,923,263; Aug. 22.
- Line image producer. J. J. Hopfield. 1,899,804; Feb. 28.
- Line of position and wind drift plotter. P. V. Weems. 1,917,278; July 11.
- Line-sawing machine. A. B. Birtles. 1,925,090; Sept. 5.
- Line separator and grader. C. G. Hawley. 1,930,476; Oct. 17.
- Line space lock release mechanism. H. A. Footthorap. 1,930,433; Oct. 10.
- Line spacing mechanism. H. A. Avery. 1,930,918; Oct. 17.
- Line spacing mechanism. Variable. H. A. Footthorap. 1,914,884; June 20.
- Line. Switching a spare. F. W. Gay. 1,916,927; July 4.
- Line tap connector. S. P. Becker. 1,932,010; Oct. 24.
- Line tightener. R. McD. Pyles. 1,896,415; Feb. 7.
- Lined bearing. W. H. Klocke. 1,910,221; May 23.
- Lineman's tool. W. A. Heinrich. 1,906,854; May 2.
- Liner. C. Butterfield. 1,900,897; Mar. 14.
- Liner. R. R. Hunt. 1,908,425; May 9.
- Liner for coal drill boxings. Renewable threaded. V. L. Scott and N. W. Marsch. 1,900,740; Mar. 7.
- Liner for garbage receptacles. T. F. Curry. 1,917,217; July 11.
- Liner for receptacle closures. D. M. Gray. 1,903,319; Apr. 4.
- Liner material for container closures. Manufacturing. A. H. Warth. 1,908,498; May 9.
- Liner packer. L. C. Tilbury. 1,912,804; June 6.
- Liner plate. C. B. Cushwa. 1,914,847; June 20.
- Liner. Tunnel. R. V. Proctor. 1,923,006-8; Aug. 15.
- Lining. S. J. Blum. 1,926,737; Sept. 12.
- Lining anchoring means. R. F. Wiley. 1,901,424; Mar. 14.
- Lining and leveling means for machinery. A. M. Guillet. 1,907,959; May 9.
- Lining and sweat band. Combination hat. L. Hoffeld. 1,940,544; Dec. 19.
- Lining. Ball mill. F. L. Haushalter. 1,921,672; Aug. 8.
- Lining band for headwear. A. G. Dunkerley and S. Keir. 1,936,473; Nov. 21.
- Lining. Composite sock. J. Goodfriend. 1,932,658; Oct. 31.
- Lining for a furnace. Protective. L. Tschirky. 1,919,048; July 18.
- Lining for acid containers. Rubber. W. T. Haines. 1,919,366; July 25.
- Lining for casting mold cavities. J. D. Alley. 1,901,427; Mar. 14.
- Lining for cracking apparatus. Corrosion resistant. G. V. Swearingen and E. S. Dixon. 1,920,534; Aug. 1.
- Lining for fruit baskets. R. L. Steele. 3d. 1,912,550; June 6.
- Lining for hot tops. W. M. Charman. 1,921,730; Aug. 8.
- Lining for molds for concrete columns. L. Hart and G. Fletcher. 1,916,726; July 4.
- Lining for oil burner bases. F. M. Golon. 1,933,902; Nov. 7.
- Lining for oil wells. Cement. R. P. Simmons. 1,896,104; Feb. 7.
- Lining for rubber footwear and making same. Knitted. R. M. Holden and J. F. Roberts. 1,902,780; Mar. 21.
- Lining for vessels holding oil. G. Egloff and C. D. Lowry, Jr. 1,932,726; Oct. 31.
- Lining for vessels. Protective. R. H. Brandt. 1,924,832; Aug. 29.
- Lining. Furnace. C. Hart. 1,916,170; June 27.
- Lining. Hat. M. E. Cohen. 1,923,618; Oct. 3.
- Lining. Metal. J. Ritter. 1,937,980; Dec. 5.
- Lining of high pressure tubular articles. S. Hermanson and O. E. Andrus. 1,934,064; Nov. 7.
- Lining of metal bodies. Metallic. F. T. Bersey, E. A. Hardy, and S. C. Newson. 1,918,895; July 18.
- Lining pad. J. R. Roland. 1,926,600; Sept. 12.
- Lining panel for vehicle bodies. S. J. Blum. 1,895,567; Jan. 31.
- Lining. Pressure vessel. M. W. Davis. 1,911,608; May 30.
- Lining. Rug. T. S. McDermott. 1,939,562; Dec. 12.
- Linings. Apparatus for and method of attaching shoe. A. H. Prenzel. 1,904,327; Apr. 18.
- Linings. Applying brake shoe. N. F. McNaught and E. H. Peterson. 1,903,058; Mar. 28.
- Linings for casting mold cavities. Making. J. D. Alley. 1,924,267; Aug. 29.
- Linings. Forming ditch. W. Leriche and I. V. Beasley. 1,924,560; Aug. 29.
- Linings in receptacle closure caps. Apparatus for assembling. J. A. Johnson. 1,908,898; May 16.
- Lingerie shoulder strap. T. R. Dunlevy. 1,936,127; Nov. 21.
- Lingerie strap holder. E. L. Santsaver. 1,924,132; Aug. 29.
- Lingerie support. J. B. Kosht. 1,925,668; Sept. 5.
- Link. C. F. Lautz. 1,936,556; Nov. 21.
- Link. J. Sneed. 1,910,187; May 23.
- Link. Connecting. C. F. Lautz. 1,940,258; Dec. 19.
- Link. Fusible. G. I. Rockwood. 1,934,279; Nov. 7.
- Link. Stoker. H. T. Wandling. 1,902,149; Mar. 21.
- Link-system table. Adjustable. O. K. and L. O. Mitchell. 1,897,321; Feb. 14.
- Link. Universal. H. F. Kampfer. 1,893,141; Jan. 3.
- Linkage control for power brake. E. A. Rockwell. 1,896,376; Feb. 7.
- Linkage control for power brake units. Input. E. A. Rockwell. 1,936,175; Nov. 21.
- Linkage for fuel pumps. A. M. Babitch. 1,893,216; Jan. 3.
- Linkage. Lost motion mechanical. J. E. Kelly and J. A. Arasim. 1,900,289; Mar. 7.
- Links for chain cables. Manufacture of. A. O. Hedfors. 1,923,201; Aug. 22.
- Links. Forming. J. Sneed. 1,899,645; Feb. 28.
- Linoleum and process. Inlaid. E. R. Newell. 1,932,419; Oct. 31.
- Linoleum and the like. Embossed. A. M. George and W. F. Kaufman. 1,910,894; May 23.
- Linoleum and the like. Manufacture of inlaid. H. Montgomery. 1,896,967; Feb. 7.
- Linoleum. Making. J. Emig. 1,939,961; Dec. 19.
- Linoleum. Manufacture of. A. C. Perry. 1,939,275; Dec. 12.
- Linoleum. Manufacture of. W. E. Whitney. 1,897,458; Feb. 14.
- Linoleum. Manufacture of inlaid. J. A. Phelan. 1,915,471; June 27.
- Linoleum. Manufacture of molded inlaid. C. F. Humphreys. 1,912,581; June 6.
- Linoleum. Manufacture of molded inlaid. E. J. Kessler. 1,936,675; Nov. 28.
- Linoleum or like material. Manufacture of. A. A. Godfrey. 1,907,289; May 2.
- Linoleum or the like. Making inlaid. J. A. Phelan. 1,939,724; Dec. 19.
- Linoleum roller. W. E. Whitney. 1,894,548; Jan. 17.
- Linoleums. Manufacture of molded inlaid. C. Weber. 1,937,927; Dec. 5.
- Linotype or intertype machines. Attachment for. A. E. Jordan. 1,937,228; Nov. 28.
- Linotype pellets from linotype slugs. Producing. E. E. Beard. 1,903,329; Apr. 4.
- Lip stick. A. Mitchell. 1,931,079; Oct. 17.
- Lip stick apparatus. M. Brazelton. 1,933,538; Nov. 7.
- Lip stick case. C. S. Gage. Des. 90,154; June 20.
- Lipstick case. R. Tricard. Des. 90,393; July 25.
- Lip stick container. R. F. Ryder and S. E. Pazar. 1,910,183; May 23.
- Lip stick holder. I. L. Ferris. Des. 89,750; May 2.
- Lip stick holder. R. N. Houlihan. 1,906,967; May 2.
- Lipstick holder. E. Q. Lee. 1,937,157; Nov. 28.
- Lipstick holder. P. H. Vogel. 1,909,988; May 23.
- Lip sticks or the like. Device for repointing. F. Gubing. 1,894,863; Jan. 17.
- Lip turning machine. H. L. Chapin. 1,900,044; Mar. 7.
- Liquefied gas pump. R. W. Thomas. 1,937,859; Dec. 5.
- Liquefied gases. Container for. C. W. P. Heylandt. 1,918,335; July 18.
- Liquefier. F. C. Seck. 1,928,396; Sept. 26.
- Liquefier for solidified gas. T. F. Lundy. 1,938,034; Dec. 5.

- Liquid absorbing pad. H. G. and G. N. Venable. 1,910,189; May 23.
- Liquid and fluid control. E. R. Williams. 1,907,165; May 2.
- Liquid and semiliquid container. J. B. Booth. 1,926,367; Sept. 12.
- Liquid Apparatus for controlling rate of flow of a. V. A. Rohlin. 1,905,244; Apr. 25.
- Liquid Apparatus for producing a stream of atomized. W. C. Uhri, jr. 1,903,522; Apr. 11.
- Liquid Apparatus for refining. R. C. Osterstrom and R. T. Tucker. 1,930,597; Oct. 17.
- Liquid charging containers, High pressure metallic. K. W. H. Barchelmes. 1,933,135; Oct. 31.
- Liquid circulating system. C. W. McCoy. 1,906,704; May 2.
- Liquid clarifier. W. H. Withington. 1,911,008; May 23.
- Liquid coating composition and preparing the same. J. A. Wilson. 1,897,686; Feb. 14.
- Liquid composition and electrical apparatus containing same. F. M. Clark. 1,935,595; Nov. 14.
- Liquid conductor heater. M. V. Hanks. 1,913,442; June 13.
- Liquid constituents from mixtures of solids and liquids, Separation of. M. Pier and H. Lemme. 1,912,856; June 6.
- Liquid container. A. S. Johnson. 1,922,297; Aug. 15.
- Liquid container. P. R. Rannels. 1,918,215; July 11.
- Liquid container, Metal. F. B. Eilers. 1,937,487; Nov. 28.
- Liquid containing tar acid, Treating. J. A. Shaw. 1,928,507; Sept. 26.
- Liquid contents of materials which have many capillary space, Reducing the. A. ten Bosch Njzn. 1,926,504; Sept. 12.
- Liquid control for boiler feed-water, Anti-corrosion. F. O. Hutton. 1,937,893; Dec. 5.
- Liquid cooler. R. Copp. 1,894,441; Jan. 17.
- Liquid cooler. H. E. Crosby. 1,921,383; Aug. 8.
- Liquid cooler. H. R. Hendy. Des. 90,806; Oct. 3.
- Liquid cooler. G. J. Huntley. 1,925,446; Sept. 5.
- Liquid cooler. G. W. Williams. Re18,953; Sept. 19.
- Liquid cooling apparatus. J. Askin. 1,907,641; May 9.
- Liquid cooling apparatus. J. Askin. 1,930,220; Oct. 10.
- Liquid cooling apparatus. D. H. Ebinger. 1,912,572; June 6.
- Liquid cooling installation. C. Temkovits. 1,919,606; July 25.
- Liquid cooling system. H. C. Kellogg. 1,897,559; Feb. 14.
- Liquid delivery and measuring device. E. Hurlbrink. 1,904,829; Apr. 18.
- Liquid density indicator for tanks. F. J. Postel. 1,932,228; Oct. 24.
- Liquid depth indicator. A. N. Gustine. 1,924,495; Aug. 29.
- Liquid depth regulator for baths, tanks, and the like. S. Casani. 1,920,062; July 25.
- Liquid desiccating apparatus. M. C. Early. 1,915,819; June 27.
- Liquid dispenser. R. E. Bechtold. 1,930,438; Oct. 10.
- Liquid dispenser. R. Berry. 1,893,391; Jan. 3.
- Liquid dispenser. W. C. Buttner. 1,938,892; Dec. 12.
- Liquid dispenser. C. O. Christianson. 1,906,839; May 2.
- Liquid dispenser. W. A. Clark. 1,933,893; Nov. 7.
- Liquid dispenser. M. F. Gregor. 1,925,959; Sept. 5.
- Liquid dispenser. C. O. Griffin. Des. 89,754; May 2.
- Liquid dispenser. N. S. Hillyard. 1,939,980-1; Dec. 19.
- Liquid dispenser. B. Kaplan. 1,932,254; Oct. 24.
- Liquid dispenser. J. E. O'Connor. 1,938,151; Dec. 5.
- Liquid dispenser. W. J. Peter. 1,913,128; June 6.
- Liquid dispenser. N. Taylor. 1,933,192; Oct. 31.
- Liquid dispensing and measuring device. C. W. Pierson. 1,931,936; Oct. 24.
- Liquid dispensing apparatus. G. U. Brake. 1,925,043; Aug. 29.
- Liquid dispensing apparatus. D. M. Clark. 1,896,134; Feb. 7.
- Liquid dispensing apparatus. W. H. De Lancey. 1,913,626; June 13.
- Liquid dispensing apparatus. A. C. Lillmars and J. C. Woodford. 1,927,815; Sept. 19.
- Liquid dispensing apparatus. J. A. Logan. 1,900,652; Mar. 7.
- Liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 1,929,749; Oct. 10.
- Liquid dispensing apparatus. L. McCandless. 1,896,751; Feb. 7.
- Liquid dispensing apparatus. W. E. Milestone. 1,893,843; Jan. 10.
- Liquid dispensing apparatus. A. E. Paige. 1,914,817; June 20.
- Liquid dispensing apparatus. J. Retsema. 1,914,927; June 20.
- Liquid dispensing apparatus. H. E. Rue. 1,928,796; Oct. 3.
- Liquid dispensing apparatus. E. W. Vahle. 1,901,480; Mar. 14.
- Liquid dispensing can. P. D. Fulton. Re18,891; July 11.
- Liquid dispensing can. P. D. Fulton. 1,901,504; Mar. 14.
- Liquid dispensing device. C. D. Fagen. T. C. Ehrlich, and R. W. Swank. 1,934,050; Nov. 7.
- Liquid dispensing device. R. W. Van Schyndle and W. D. Lansing. 1,897,154; Feb. 14.
- Liquid dispensing machine. F. D. Chapman. 1,922,356; Aug. 15.
- Liquid dispensing meter. J. F. Malm. 1,901,178; Mar. 14.
- Liquid dispensing pump. W. H. De Lancey. 1,935,544; Nov. 14.
- Liquid dispensing system. W. H. De Lancey. 1,904,302; Apr. 18.
- Liquid distributing installation and the element thereof. E. H. Kocher. 1,929,434; Oct. 10.
- Liquid distributing installation and the elements thereof. E. H. Kocher. 1,911,450; May 30.
- Liquid drink dispenser, Portable. C. Doering. Des. 90,065; June 6.
- Liquid driven ejector for delivering liquids, Multistage. P. Schmidt. 1,902,729; Mar. 21.
- Liquid elevating device. A. C. Wood. 1,910,512; May 23.
- Liquid elevating device. A. C. Wood. 1,939,752; Dec. 19.
- Liquid feeder. H. G. Coulson. 1,921,347; Aug. 8.
- Liquid feeding and measuring apparatus. E. E. Harper. 1,929,243; Oct. 3.
- Liquid feeding device. G. W. Leiman. 1,900,571; Mar. 7.
- Liquid filling machine. J. Schmidt. 1,894,007; Jan. 10.
- Liquid filter. C. W. McKinley. 1,940,316; Dec. 19.
- Liquid flow controlling device. G. E. Griffin. 1,919,631; July 25.
- Liquid flow indicator. N. D. Hull. 1,893,233; Jan. 3.
- Liquid from containers, Regulating the flow of. A. W. A. Barnard and H. Adin. 1,893,978; Jan. 10.
- Liquid from gases and vapors, Removing entrained. J. R. Schonberg. 1,919,599; July 25.
- Liquid from material, Apparatus for extracting. H. Sköldb-berg. 1,913,641; June 13.
- Liquid from other liquids, Method of and apparatus for separating a. G. H. Zouck and W. L. De Baulre. 1,899,378; Feb. 28.
- Liquid from vapors and gases, Separating. J. Primrose. 1,897,766; Feb. 14.
- Liquid fuel and gas burner, Combined. H. Meachem. 1,922,857; Aug. 15.
- Liquid fuel burner. G. E. Pickup. 1,940,879; Dec. 26.
- Liquid fuel burner. S. T. Sherrick. 1,905,067; Apr. 25.
- Liquid fuel burner. W. E. Taft. 1,901,271; Mar. 14.
- Liquid fuel engine. A. Bagnulo. 1,912,057; May 30.
- Liquid furnace material, Apparatus for treating. C. H. Schol. 1,939,138; Dec. 12.
- Liquid gauge. C. L. Howse. 1,905,172; Apr. 25.
- Liquid gauge. E. L. Hubbard. 1,902,329; Mar. 21.
- Liquid gauge. J. J. O'Brien. 1,898,848; Feb. 21.
- Liquid, Handling. F. W. Ofeldt. 1,925,643; Sept. 5.
- Liquid heater. J. W. Anderson. 1,919,681; July 25.
- Liquid heater. N. H. Hiller. 1,897,758; Feb. 14.
- Liquid heater. M. Mutrux and R. Caillet. 1,904,511; Apr. 18.
- Liquid heating and cooling apparatus. H. Feldmeier. 1,914,494; June 20.
- Liquid heating apparatus. H. W. O'Dowd. 1,923,639; Aug. 22.
- Liquid-heating apparatus, Electric. J. Harris. 1,932,406; Oct. 31.
- Liquid hydrocarbon burner. D. G. Kelley. 1,928,898; Oct. 3.
- Liquid, in particular aromatic, hydrocarbons, Production of. F. Winkler, H. Haeuber, and P. Feiler. 1,922,918; Aug. 15.
- Liquid in the treatment of mineral ores, Apparatus for pumping. H. W. B. Gardiner and A. B. Jackson. 1,937,338; Nov. 28.
- Liquid infusion device. C. C. Harpster. 1,916,369; July 4.
- Liquid level and pressure gauge, Combination. M. Klein. 1,937,231; Nov. 28.
- Liquid-level gauge. J. R. Brown and G. E. Sams. 1,925,433; Sept. 5.
- Liquid level gauge. E. P. Hughes. 1,900,851; Mar. 7.
- Liquid level gauge. C. Knobloch. 1,909,545; May 16.
- Liquid level gauge. F. and H. Maras and E. Komarek. 1,938,079; Dec. 5.
- Liquid level gauge. H. D. Moise and H. W. Beall. 1,923,224; Aug. 22.
- Liquid level gauge. D. C. Talbot. 1,908,196; May 9.
- Liquid-level gauge, High pressure. J. R. Brown. 1,932,767; Oct. 31.
- Liquid level indicating arrangements. C. L. Blackburn. 1,915,178; June 20.
- Liquid-level indicator. E. Caretta. 1,925,747; Sept. 5.
- Liquid level indicator. J. C. Federle. 1,898,766; Feb. 21.
- Liquid level indicator. S. De Orlow. 1,900,433; Mar. 7.
- Liquid level indicator. S. De Orlow. 1,911,555; May 30.
- Liquid level indicator and protection device. Low. J. N. Macrae and C. P. Packard. 1,907,845; May 9.
- Liquid level regulation. G. Campbell. 1,907,735; May 9.
- Liquid level regulator. H. Hillier. 1,919,109; July 18.
- Liquid lift pump. P. R. Alphonso. 1,903,331; Apr. 4.
- Liquid material into gases, Apparatus for injecting. C. O. Ashley and W. I. Steele. 1,930,848; Oct. 17.
- Liquid material, Method and apparatus for transferring. H. E. Thompson. 1,930,731; Oct. 17.
- Liquid matte, Treating. T. M. Kekich. 1,922,301; Aug. 15.
- Liquid measure, Nondecanting. R. B. Munday. 1,901,256; Mar. 14.
- Liquid measuring and delivering apparatus, Automatic. H. Boutillon. 1,904,610; Apr. 18.
- Liquid measuring and dispensing apparatus. C. A. Frick. 1,934,623; Nov. 7.

- Liquid measuring device. C. R. Jones and F. Griffin. 1,930,618; Oct. 17.
- Liquid measuring device. R. Porte. 1,898,891; Feb. 21.
- Liquid measuring device. E. A. Schuelke and J. Ross. 1,924,809; Aug. 29.
- Liquid, Measuring the rate of discharge of. H. C. Cole. 1,911,351; May 30.
- Liquid meter. R. S. Bassett. 1,922,071; Aug. 15.
- Liquid meter. H. Chrisman and E. M. Kreidler. 1,895,023; Jan. 24.
- Liquid meter. W. H. Marsh. 1,911,521; May 30.
- Liquid meter. D. H. McGogy. 1,893,429; Jan. 3.
- Liquid meter. R. A. True. 1,902,049; Mar. 21.
- Liquid metering and dispensing apparatus. J. F. Werder. 1,929,719; Oct. 10.
- Liquid mixtures from pressure vessels, Removing. T. C. Martin and S. Meyer. 1,938,036; Dec. 5.
- Liquid, Noncorrosive antifreeze. R. J. Kepfer. 1,911,195; May 30.
- Liquid partial oxidation products and articles produced thereby, Treating complex. J. H. James. 1,894,352; Jan. 17.
- Liquid phase polymerization of hydrocarbon oils. C. B. Watson. 1,894,331; Jan. 17.
- Liquid products from coal or carbonaceous materials and for liquefying said materials, Manufacture of. H. I. Waterman. 1,915,394; June 27.
- Liquid products from solid distillable carbonaceous materials by destructive hydrogenation, Production of valuable. M. Pier. 1,920,887; Aug. 1.
- Liquid products from solid or liquid carbonaceous materials, Production of. R. Bayer. 1,936,819; Nov. 28.
- Liquid projecting device. C. E. Howett. 1,923,979; Aug. 22.
- Liquid pump. C. S. Hazard. 1,911,503; May 30.
- Liquid pump. P. Krause. 1,894,275; Jan. 17.
- Liquid pump. S. W. Traylor, jr. 1,902,886; Mar. 21.
- Liquid pump, Multiple delivery. L. le Bret and G. Schneggenburger. 1,936,169; Nov. 21.
- Liquid purification. R. H. Keane. 1,901,652; Mar. 14.
- Liquid recording gauge. H. N. Halversen. 1,922,362; Aug. 15.
- Liquid, Reducing frozen. J. C. Jenkins. 1,940,353; Dec. 19.
- Liquid refrigerating and dispensing system. J. Askin. 1,927,273; Sept. 19.
- Liquid sampling and testing device. C. E. Brackbill. 1,939,873; Dec. 19.
- Liquid sampling device. B. F. Remington and C. C. Stevenson. 1,938,224; Dec. 5.
- Liquid seal device for regulators. A. D. MacLean and C. B. Johnson. 1,921,366; Aug. 8.
- Liquid serving apparatus. R. Rose. Des. 90,052; May 30.
- Liquid spray apparatus. F. A. Nason. 1,907,086; May 2.
- Liquid spray device. H. F. Fruth. 1,901,954; Mar. 21.
- Liquid storage system. W. J. Peter. 1,907,001; May 2.
- Liquid storage tank. R. J. Neely. 1,929,709; Oct. 10.
- Liquid straining device. L. B. Gruman. 1,899,030; Feb. 28.
- Liquid supply device. V. C. Kline. 1,909,836; May 16.
- Liquid, System and apparatus for treating. A. C. Dresher. 1,917,704; July 11.
- Liquid temperature control and apparatus for carrying same into effect, Automatic. J. E. Carroll and F. H. Le Comte. 1,930,789; Oct. 17.
- Liquid treating apparatus. J. N. Jacobsen. 1,918,752; July 18.
- Liquid treating apparatus. C. R. Mason. 1,906,914; May 2.
- Liquid treating apparatus. W. D. Phetepiece and J. N. Jacobsen. 1,911,769; May 30.
- Liquid treatment of textile materials and the like. A. J. Pfeiffer and T. P. Gates. 1,934,208; Nov. 7.
- Liquid treatment process. G. J. Fink. 1,940,409; Dec. 19.
- Liquid under pressure, Device for injecting. F. L. van Weenen. 1,907,622; May 9.
- Liquid-vapor or liquid-gas contact, Apparatus for promoting. R. R. Collins. 1,938,247; Dec. 5.
- Liquid with an aqueous liquid, Apparatus for treating an oily. E. W. Roth and P. W. Prutzman. 1,895,683; Jan. 31.
- Liquid with chemicals, Apparatus for treating. R. L. Reagin. 1,913,955; June 13.
- Liquids and clarification, Dispersion of substances in. E. M. James. 1,913,884; June 13.
- Liquids and solids, Drying and/or filtration of mixtures of. H. Waring. 1,912,328; May 30.
- Liquids, Apparatus for controlling the flow rate of. E. B. A. Zwoyer. 1,928,776; Oct. 3.
- Liquids, Apparatus for controlling the level of. H. H. Marshall. 1,917,045; July 4.
- Liquids, Apparatus for cooling. R. H. Brewer. 1,940,741; Dec. 26.
- Liquids, Apparatus for degasifying. L. Emanueli. 1,895,983; Jan. 31.
- Liquids, Apparatus for delivering and measuring. E. Hurlbrink. 1,939,899; Dec. 19.
- Liquids, Apparatus for distillation of carbonaceous. C. R. Faben. 1,907,767; May 9.
- Liquids, Apparatus for dosing. C. Wilson. 1,939,938; Dec. 19.
- Liquids, Apparatus for effecting dissociation or other reaction of organic. J. J. Jakosky and H. J. Wieden, jr. 1,931,800; Oct. 24.
- Liquids, Apparatus for electrothermal dissociation of organic. J. J. Jakosky. 1,941,009; Dec. 26.
- Liquids, Apparatus for examining. F. M. Ginger and C. K. Francis. 1,937,755; Dec. 5.
- Liquids, Apparatus for fractionating. P. E. Kuhl. 1,904,144; Apr. 18.
- Liquids, Apparatus for measuring flows of. R. O. Perrine. 1,934,943; Nov. 14.
- Liquids, Apparatus for mixing. E. Dorsey. 1,911,609; May 30.
- Liquids, Apparatus for producing homogeneous. W. H. Brooks. 1,925,786-7; Sept. 5.
- Liquids, Apparatus for raising. J. B. De Mees. 1,895,027; Jan. 24.
- Liquids, Apparatus for the evaporation of. R. A. Stokes and E. G. L. Roberts. 1,919,400; July 25.
- Liquids, Apparatus for treating. E. C. D'Yarmett. 1,932,514; Oct. 31.
- Liquids, Apparatus for treating. J. N. Jacobsen. 1,908,152; May 9.
- Liquids, Apparatus for treating. J. N. Jacobsen. 1,918,914; July 18.
- Liquids, Apparatus for treating. A. Jensen. 1,897,613; Feb. 14.
- Liquids, Apparatus for treating. V. A. Rohlin. 1,914,166; June 13.
- Liquids, Apparatus for treating. J. A. Schaeffer and G. Pfersch. 1,903,923; May 16.
- Liquids at high pressure by means of ejectors, Conveying. P. Schmidt. 1,902,728; Mar. 21.
- Liquids, Automatic device for measuring and delivering. R. Porte. 1,906,177; Apr. 25.
- Liquids, Concentrating. F. A. Oetken. 1,927,555; Sept. 19.
- Liquids containing tar acids, Treatment of. D. L. Jacobson. 1,928,495; Sept. 26.
- Liquids containing tar acids, Treatment of. F. W. Sperr, jr., and J. A. Shaw. 1,920,604; Aug. 1.
- Liquids contaminated by solid matter held in suspension therein and in clarifying apparatus, Clarifying. F. Ariedter. 1,903,102; May 9.
- Liquids, Cooling. H. W. Taylor and J. T. Smith. 1,924,525; Aug. 29.
- Liquids, Device for indicating the level of. J. E. Scheel, W. H. Bull, and R. C. von Freydrorf. 1,927,758; Sept. 19.
- Liquids, Device for testing the consistency of. E. S. Stephens. 1,930,629; Oct. 17.
- Liquids, Device for testing the viscosity of. M. B. Wheeler. 1,924,969; Aug. 29.
- Liquids, Distributor for. R. H. Van Schaack, jr. 1,901,481; Mar. 14.
- Liquids from containers, Automatic device for draining. D. E. Holmes. 1,912,843; June 6.
- Liquids from solvents and the apparatus therefor, Recovering volatile. W. K. Lewis. 1,919,594; July 25.
- Liquids, Heating settling. H. Howard. 1,940,753; Dec. 26.
- Liquids in aircraft, Storage of. C. Dornier. 1,895,976; Jan. 31.
- Liquids, Increasing the wetting capacity of alkaline treatment. F. Pospiech. 1,917,326; July 11.
- Liquids in vacuo, Apparatus for freezing. R. V. Grayson. 1,910,009; May 23.
- Liquids, Method and apparatus for concentrating. D. F. Twiss and E. A. Murphy. 1,898,604; Feb. 21.
- Liquids, Method and apparatus for separating. B. E. Mourk. 1,921,689; Aug. 8.
- Liquids, Method and apparatus for spraying thick. H. H. Schmidt. 1,936,120; Nov. 21.
- Liquids of different specific gravities, Separating. S. A. B. Dahlgren. 1,897,240; Feb. 14.
- Liquids on a carrier, Apparatus for spreading fly-killing. O. Svensson. 1,915,583; June 27.
- Liquids or fire foam, Apparatus for the production of foam generating. H. Burmeister. 1,907,733; May 9.
- Liquids or semi-liquid substances in receptacles, Apparatus for freezing. L. B. Winton. 1,932,431; Oct. 31.
- Liquids, Pumping, agitating and measuring system for. W. Tamminga. 1,925,120; Sept. 5.
- Liquids, Purifying. S. R. Merley. 1,928,132; Sept. 26.
- Liquids, Purifying. J. F. Wait. 1,907,691; May 9.
- Liquids, Separation of. E. Ricard and H. M. Guinot. 1,929,901; Oct. 10.
- Liquids, Separation of immiscible. L. D. Jones. 1,920,468; Aug. 1.
- Liquids, Shipping. F. N. Martin. 1,897,939; Feb. 14.
- Liquids, Sterilization of. E. A. Louder. 1,900,509; Mar. 7.
- Liquids, such as fuel and lubricating oil, Apparatus for delivering and measuring. E. Hurlbrink and F. Kirchhoff. 1,926,149; Sept. 12.
- Liquids such as gasoline, kerosene, and the like, Treatment of hydrocarbon. M. P. Youker. 1,910,734; May 23.
- Liquids to centrifugal separator bowls. A. E. Flowers. 1,906,457; May 2.
- Liquids, Treating. W. Evans. 1,930,792; Oct. 17.
- Liquids, Treating. M. F. Nichols. 1,900,995; Mar. 14.
- Liquids, Treatment of. J. W. Harris. 1,932,405; Oct. 31.
- Liquids, Treatment of. W. Judson. 1,924,861; Aug. 29.
- Liquids under pressure, Dispensing. J. F. Werder. 1,899,222; Feb. 28.
- Liquids with gaseous fluids, Apparatus for treatment of. R. R. Leffler. 1,936,305; Nov. 21.

- Liquor and cooling carbon dioxide formed therein, Production of bisulphite. S. Wang. 1,935,381; Nov. 14.
- Liquor, Destructively distilling black. R. W. Kumler. 1,900,506; Mar. 7.
- Liquor, Distillation of gas. H. Koppers. 1,905,108; Apr. 25.
- Liquor in brewing or other fermentation processes, Process and apparatus for clarifying or separating the head from the fermenting. A. Hallermann. 1,893,411; Jan. 3.
- Liquor, Mercerizing. H. Schuette. 1,929,654; Oct. 10.
- Liquor, Preparation of caustic. M. B. Mount. 1,900,253; Mar. 7.
- Liquor, Reclaiming waste sulphite. C. H. Reese. 1,908,862; May 16.
- Liquor, Recovering and utilizing values from black. E. G. Goodell. 1,931,536; Oct. 24.
- Liquor recovery process and apparatus, Black. E. G. Goodell. 1,933,254; Oct. 31.
- Liquor resulting from recovery of lamisilite from vermiculite ore, Treatment of. R. G. Guthrie and O. J. Wilbor. 1,898,830; Feb. 21.
- Liquors, Apparatus for recovering black. E. G. Goodell. 1,933,255; Oct. 31.
- Liquors from the soda or sulphate pulp manufacture for the purpose of making them suitable for dry distillation, Alkalyzing the waste. E. L. Rinman. 1,906,102; Apr. 25.
- Liquors of the cuprammonium silk stretch spinning process, Working up the waste. J. Wichert. 1,910,871; May 23.
- Liquors, Recovery of waste. W. F. Hoffman. 1,915,315; June 27.
- Liquors to remove organic compounds therefrom, Treating. W. B. Wingert. 1,927,883; Sept. 26.
- Liquors, Treatment of residual. L. Bradley and E. P. McKeefe. 1,934,655; Nov. 7.
- List or fillet for crevices. A. I. Lund. 1,917,592; July 11.
- Lister. W. H. Silver. 1,910,185; May 23.
- Lister attachment. W. L. Rhodes. 1,916,637; July 4.
- Lister cultivator. T. Brown. 1,928,308; Sept. 26.
- Lister cultivator. T. Brown, C. G. Strandlund, and W. H. Silver. 1,928,307; Sept. 26.
- Lister cultivator. W. H. Silver. 1,928,318-20; Sept. 26.
- Lister cultivator. C. G. Strandlund. 1,928,321; Sept. 26.
- Lister marking attachment. E., H., and W. Psikal. 1,917,733; July 11.
- Lithium, Electrolytic process for producing alloys of. H. Osborg. 1,901,407; Mar. 14.
- Liver concentrate. J. W. Dressel. 1,895,977; Jan. 31.
- Liver extract. E. D. Campbell. 1,914,338; June 13.
- Load ascertaining device. F. Miller. 1,934,201; Nov. 7.
- Load bearing member and forming the same, Expanded. H. A. Kessler. 1,937,762; Dec. 5.
- Load binder. F. A. Jenkins and L. W. Philbrick. 1,911,194; May 30.
- Load block. W. White. 1,896,266; Feb. 7.
- Load carrying hanger, Trolley conveyer. W. W. Brown. 1,930,607; Oct. 17.
- Load handling apparatus. F. Kinzbach. 1,922,303; Aug. 15.
- Load handling mechanism. A. R. Golrick and R. H. McBean. 1,914,118; June 13.
- Load lifting and weighing device. K. R. Lewis. 1,897,171; Feb. 14.
- Load lifting arrangement. C. D. Bonsall. 1,905,678; Apr. 25.
- Load limiting device for prime movers, Maximum and minimum. C. B. Taylor. 1,934,631; Nov. 7.
- Loader. T. H. Oppenheim. 1,893,506; Jan. 10.
- Loader, bag counter and indicator for batch mixing apparatus, Cement. J. F. Robb. 1,916,531; July 4.
- Loader, Hay. J. E. Hurley. 1,917,765; July 11.
- Loader, Hay. H. A. Larson. 1,936,603; Nov. 28.
- Loader, Hay. H. Moschel. 1,917,770; July 11.
- Loader, Portable. H. B. Walker. 1,893,917; Jan. 10.
- Loader, Power. J. L. Clarkson. 1,904,353; Apr. 18.
- Loader, Tractor operated beet. J. Sisco. 1,902,383; Mar. 21.
- Loading apparatus. L. A. Becker. 1,917,571; July 11.
- Loading apparatus for laundry washers and the like. G. B. Wallace. 1,903,305; Apr. 4.
- Loading apparatus for proofers. F. Marasso. 1,922,856; Aug. 15.
- Loading clamp. G. M. Whitney. 1,936,868; Nov. 28.
- Loading coil container. C. Rhodes and J. H. Phillips. 1,935,918; Nov. 21.
- Loading device, Break-down. J. H. Steele. 1,899,647; Feb. 28.
- Loading device, Hydraulic. J. M. Pierce. 1,926,307; Sept. 12.
- Loading device, Traveling. G. Goetz. 1,918,029; July 11.
- Loading machine. A. Hauge. 1,903,672; Apr. 11.
- Loading machine. A. Hauge. 1,903,673; Apr. 11.
- Loading machine. A. Hauge. 1,903,675; Apr. 11.
- Loading machine. A. Hauge. 1,917,368; July 11.
- Loading machine. A. Hauge. 1,919,217; July 25.
- Loading machine. C. R. Hughes. 1,915,021; June 20.
- Loading machine. R. H. Kraft. 1,905,472; Apr. 25.
- Loading machine. J. R. Madeira. 1,908,454; May 9.
- Loading machine. G. Manierre. 1,923,836; Aug. 22.
- Loading machine. F. W. Vodoz. 1,931,745; Oct. 24.
- Loading machine for heaped material of every description. H. Hemscheidt. 1,911,895; May 30.
- Loading mechanism. G. Lambert. 1,896,587; Feb. 7.
- Loading mechanism for traveling conveyers. F. A. Pampel. 1,925,990; Sept. 5.
- Loading method and apparatus. E. L. Coppinger. 1,932,955; Oct. 31.
- Loading ramp for vehicles. E. Millie. 1,898,679; Feb. 21.
- Loading skip. A. W. Rybeck. 1,914,355; June 20.
- Loading structure for a signaling conductor. R. L. Hughes and E. Baguley. 1,900,935; Mar. 14.
- Loading system. T. E. Shea. 1,921,431; Aug. 8.
- Loading unit for luggage carriers. J. Ritter, jr. 1,931,509; Nov. 7.
- Loading, unloading, and conveying machine. J. M. Pierce. 1,926,309; Sept. 12.
- Loading vehicle. L. Casper. 1,920,243; Aug. 1.
- Locator recorder, Automatic. E. Logan. 1,916,734; July 4.
- Lock: See—
- Automobile lock.
 - Barrel lock.
 - Bobbin spindle lock.
 - Bottle lock.
 - Brake lock.
 - Burglarproof lock.
 - Cam lock.
 - Chain lock.
 - Clothesline lock.
 - Coin-controlled lock.
 - Coin operating lock.
 - Combination lock.
 - Combination sash lock.
 - Control lock.
 - Cotter pin lock.
 - Cutting blade lock.
 - Cylinder lock.
 - Desk lock.
 - Distributor lock.
 - Doorknob lock.
 - Electric keyless lock.
 - Electric switch lock.
 - Electrogravity lock.
 - Electromagnetic lock.
 - Emergency lock.
 - Fenderwell lock.
 - Fill cap lock.
 - Fuse clip lock.
 - Gas tank cap lock.
 - Gate lock.
 - Gear shift lock.
 - Generator tank lock.
 - Ignition control lock.
 - Insert-plug lock.
 - Jail lock.
 - Jig and fixture lock.
 - Keyboard lock.
 - Keyless lock.
 - Key lock.
 - Key locking lock.
 - Knob lock.
 - Leak lock.
 - Limit lock.
 - Magnetic lock.
 - Milk bottle lock.
 - Multiple key lock.
 - Needle bar lock.
 - Nut lock.
 - Oar lock.
 - Pin lock.
 - Pin tumbler lock.
 - Piston lock.
 - Portable lock.
 - Receptacle lock.
 - Refrigerator door lock.
 - Refrigerator lock.
 - Reverse lock.
 - Rim lock.
 - Sale deposit lock.
 - Safe lock.
 - Safety lock.
 - Sash lock.
 - Snap-in lock.
 - Spare wheel lock.
 - Stake body lock.
 - Steering wheel lock.
 - Switch lock.
 - Switch stand lock.
 - Table leg lock.
 - Table lock.
 - Take-up and safety lock.
 - Tank closure lock.
 - Tank filler-cap lock.
 - Telephone dial lock.
 - Telephone lock.
 - Transmission lock.
 - Valve lock.
 - Wheel and tire lock.
 - Wheel lock.
 - Window lock.
- Lock. E. J. Baumé. 1,904,763; Apr. 18.
- Lock. J. E. Bevington. 1,929,235; Oct. 3.
- Lock. W. E. Borden. 1,927,332; Sept. 19.
- Lock. A. A. Bradshaw. 1,897,922; Feb. 14.
- Lock. S. F. Briggs. 1,937,942; Dec. 5.
- Lock. A. E. Buerosse. 1,937,627; Dec. 5.
- Lock. J. I. W. Carlson. 1,898,241; Feb. 21.
- Lock. A. Chillemi. 1,919,091; July 18.
- Lock. T. Cote. 1,914,080; June 13.
- Lock. A. Diaz. 1,910,789; Dec. 26.
- Lock. W. F. Diesel. 1,909,393; May 16.
- Lock. C. R. Duncan. 1,929,679; Oct. 10.
- Lock. L. M. Dyson. 1,911,559; May 30.
- Lock. J. V. Eichel, jr. 1,904,210; Apr. 18.
- Lock. M. Falk. 1,922,889; Aug. 15.
- Lock. M. Falk. 1,937,425; Nov. 28.
- Lock. R. K. Gray. 1,937,224; Nov. 28.
- Lock. F. W. Guest. 1,911,149; May 23.
- Lock. G. W. Hall and N. E. Nickerson. 1,929,741; Oct. 10.
- Lock. F. W. Heyel. 1,908,980; May 16.
- Lock. J. Hines. 1,896,622; Feb. 7.
- Lock. J. Hines. 1,922,043; Aug. 15.
- Lock. E. P. Hurd. 1,914,639; June 20.
- Lock. N. B. Hurd. 1,932,363; Oct. 24.
- Lock. N. B. Hurd. 1,935,225; Nov. 14.
- Lock. E. N. Jacobi. 1,893,142; Jan. 3.
- Lock. E. N. Jacobi. 1,905,639; Apr. 25.
- Lock. E. N. Jacobi. 1,905,902; Apr. 25.
- Lock. E. N. Jacobi. 1,908,672; May 9.
- Lock. E. N. Jacobi. 1,930,975; Oct. 17.
- Lock. E. N. Jacobi. 1,936,163; Nov. 21.
- Lock. A. S. Katz. 1,904,053; Apr. 18.
- Lock. I. Kemp. 1,895,630; Jan. 31.
- Lock. I. Kemp. 1,895,631; Jan. 31.
- Lock. I. Kemp. 1,900,503; Mar. 7.
- Lock. C. and I. Kemp. 1,937,897; Dec. 5.
- Lock. J. H. Kintzle. 1,929,248; Oct. 3.
- Lock. H. R. Kirkwood. 1,905,177; Apr. 25.
- Lock. J. Knell. 1,932,468; Oct. 31.
- Lock. A. Levine. 1,938,342; Dec. 5.
- Lock. G. A. Long. 1,900,185; Mar. 7.
- Lock. H. Machinist. 1,899,876; Feb. 28.
- Lock. H. Machinist. 1,937,523; Dec. 5.
- Lock. J. C. Mahindra. 1,922,897; Aug. 15.
- Lock. G. E. Maxwell and E. Anderson. 1,929,753; Oct. 10.
- Lock. M. C. Maxwell and F. E. Thompson. 1,906,701; May 2.
- Lock. G. F. Meyer. 1,941,150; Dec. 26.

- Lock. L. J. Militello. 1,936,138; Nov. 21.
 Lock. E. W. North. 1,918,979; July 18.
 Lock. E. W. North. 1,937,777; Dec. 5.
 Lock. J. V. Pacher. 1,911,324; May 30.
 Lock. B. Riccini. 1,905,057; Apr. 25.
 Lock. W. A. Richter. 1,901,412; Mar. 14.
 Lock. O. Ritterbusch. 1,907,267; May 2.
 Lock. J. A. Shafer. 1,897,594; Feb. 14.
 Lock. J. H. Shaw. 1,902,343; Mar. 21.
 Lock. L. B. Shinn. 1,912,663; June 6.
 Lock. W. C. Shinn. 1,913,963; June 13.
 Lock. F. K. Sollday. 1,929,658; Oct. 10.
 Lock. A. Sperrduti. 1,913,859; June 13.
 Lock. F. J. Sullivan. 1,922,062; Aug. 15.
 Lock. R. M. Walker. 1,927,354; Sept. 19.
 Lock and anchor for revolving door wings. Cable. R. L. Blanchard and H. Munson. 1,934,293; Nov. 7.
 Lock and conditioning means for dictation machines. Ejector. H. P. Roberts. 1,939,412; Dec. 12.
 Lock and door retainer. Combined. J. A. Watson. 1,908,388; May 9.
 Lock and door retainer for automobile doors. Combined. J. A. Watson. 1,908,387; May 9.
 Lock and latch. S. T. Allen. 1,919,763; July 25.
 Lock and latch. N. B. Hurd. 1,922,438; Aug. 15.
 Lock and latch. N. B. Hurd. 1,924,069; Aug. 22.
 Lock and latch unit. W. A. Scott. 1,928,466; Sept. 26.
 Lock and release, Bleeder valve. L. C. Chassey. 1,895,783; Jan. 31.
 Lock and release, Door hanger. F. G. Schwartz and R. A. Nourse. 1,940,971; Dec. 26.
 Lock and retainer. Combined door. A. Haberstump. 1,908,344; May 9.
 Lock binder. H. G. Buchan. 1,911,801; May 30.
 Lock bolt, nut or screw. J. F. Vera. 1,923,647; Aug. 22.
 Lock cap. C. C. Turner. 1,941,119; Dec. 26.
 Lock clasp for jewels and similar articles. G. Desouches. 1,926,804; Sept. 12.
 Lock coil. H. E. Norviel and H. L. Hartzell. 1,926,348; Sept. 12.
 Lock construction. H. F. Keil. 1,938,339; Dec. 5.
 Lock construction. W. T. Kniesner. 1,923,443; Aug. 22.
 Lock controller. H. E. Norviel. 1,922,449; Aug. 15.
 Lock device. G. A. Armstrong. 1,923,411; Aug. 22.
 Lock fastener and handle for boxes. C. S. Robert. 1,939,227; Dec. 12.
 Lock for a garment fastener. J. H. Harting. 1,930,555; Oct. 17.
 Lock for automobiles, etc. T. S. Hughes. 1,917,973; July 11.
 Lock for automobiles, Transmission. W. R. Tretbar. 1,895,404; Jan. 24.
 Lock for collapsible revolving doors, Cable. H. Munson. 1,933,821; Nov. 7.
 Lock for containers. A. Miner. 1,934,136; Nov. 7.
 Lock for dispensers, Air controlled. P. S. Shield and W. H. Haupt. 1,904,550; Apr. 18.
 Lock for extractors or the like, Safety. A. H. Adams. 1,909,793; May 16.
 Lock for filling devices, Compressor. V. A. Gronberg and J. R. Jones. 1,910,639; May 23.
 Lock for gas meters, Metal. O. Morreale and S. Guarino. 1,919,701; July 25.
 Lock for gasoline tanks. W. G. Bruning. 1,897,185; Feb. 14.
 Lock for light bulbs. G. Gockstetter. 1,920,011; July 25.
 Lock for limiting the opening distance of window sashes, Window. J. Jones. 1,922,298; Aug. 15.
 Lock for motor vehicle wheels, Rim. E. L. Goldner. 1,932,310; Oct. 24.
 Lock for motor vehicles, Tire. N. W. Trautner and R. J. Keenan. 1,912,872; June 6.
 Lock for nuts. W. C. Shinn. 1,937,848; Dec. 5.
 Lock for pneumatic caissons, Air. C. L. Powell. 1,916,684; July 4.
 Lock for pulp machines, Disk valve water. H. P. L. Laus-sucq. 1,907,206; May 2.
 Lock for record binders, Ratchet. E. M. Allen, jr. 1,930,705; Oct. 17.
 Lock for record book metal, Automatic. P. O. Unger. 1,916,396; July 4.
 Lock for revocable transfer mechanism. A. A. Gordon. 1,912,523; June 6.
 Lock for revolving doors, Cable. B. H. Uhrich. 1,904,106; Apr. 18.
 Lock for screw fastening members. B. E. Winkler. 1,900,146; Mar. 7.
 Lock for screw threaded devices. R. C. Zeidler. 1,896,338; Feb. 7.
 Lock for spare wheels and tires. J. H. and R. M. Saris. 1,909,723; May 16.
 Lock for the covers of rotating tanks. C. W. Bruger. 1,933,240; Oct. 31.
 Lock for vehicle wheels, Nut. W. Nelson. 1,923,383; Aug. 22.
 Lock for vehicles, Automatic hood. C. B. Thoresen and F. B. Eliassen. 1,900,777; Mar. 7.
 Lock for weighing scales. J. W. Bryce. 1,896,283; Feb. 7.
 Lock for window sashes and doors. J. A. Riccelli. 1,920,669; Aug. 1.
 Lock for wooden bedsteads, Corner. H. Richardson. 1,898,392; Feb. 21.
 Lock-in relaying system, Impulse-actuated. T. H. Long. 1,939,071; Dec. 12.
 Lock joint. H. Bender. 1,929,050; Oct. 3.
 Lock mechanism. W. S. Diehl. 1,920,848; Aug. 1.
 Lock mechanism. H. G. Kiehl. 1,913,240; June 6.
 Lock mechanism. A. Main. 1,934,938; Nov. 14.
 Lock mechanism, Automobile ignition. W. Michalski. 1,914,274; June 13.
 Lock mechanism for cabinets. B. G. Rand. 1,909,848; May 16.
 Lock mechanism, Universal. A. Main. 1,929,985; Oct. 10.
 Lock-nut device. A. D'Hallo. 1,919,621; July 25.
 Lock push plate device. J. O. Soemer. 1,898,505; Feb. 21.
 Lock replacer, Split. J. Sunnen. 1,915,839; June 27.
 Lock seal. F. W. Laencher. 1,916,003; June 27.
 Lock, Silent touch-type of combination. A. E. Wolcott. 1,913,697; June 13.
 Lock slider. S. H. Norton. 1,901,257; Mar. 14.
 Lock slider for separable fasteners. S. H. Norton. 1,936,096; Nov. 21.
 Lock structure. A. C. Mabee. 1,917,593; July 11.
 Lock structure. A. C. Mabee. 1,917,656; July 11.
 Lock structure. F. A. Smith. 1,917,609; July 11.
 Lock structure. F. A. Smith. 1,939,234; Dec. 12.
 Lock structure. E. J. Van Sickle. 1,917,620; July 11.
 Lock structure, Automobile. F. A. Smith. 1,939,233; Dec. 12.
 Lock switch. H. E. Norviel. 1,905,049; Apr. 25.
 Lock washer. C. G. Olson. 1,901,927; Mar. 21.
 Lock washer. C. G. Olson. 1,909,475; May 16.
 Lock washer. C. G. Olson. 1,911,384; May 30.
 Lock washer. C. G. Olson. 1,916,525; July 4.
 Lock washer. C. G. Olson. 1,933,871; Nov. 7.
 Lock washer. C. G. Olson. 1,938,399; Dec. 5.
 Lock washer. H. Rosenberg. 1,926,917; Sept. 12.
 Lock washer. W. H. Tice. 1,893,114; Jan. 3.
 Lock washer. G. C. Trotter. 1,896,650; Feb. 7.
 Lock washer. C. C. Worthington. 1,914,590; June 20.
 Lock washer assembly. C. G. Olson. 1,924,695; Aug. 29.
 Lock washer with keys. C. G. Olson. 1,916,526; July 4.
 Locked box. R. M. Lackey. 1,921,759; Aug. 8.
 Locker. J. E. Bales and W. N. Vance. 1,936,818; Nov. 28.
 Locker hinge. W. N. Vance. 1,893,461; Jan. 3.
 Locker, Safety. A. L. Abbott and W. C. Miller. 1,918,885; July 18.
 Lockers. Group control means for. E. D. Kaser. 1,910,550; May 23.
 Locking and clearing mechanism for calculating machines. H. T. Avery. 1,910,738; May 23.
 Locking attachment. R. Y. Mickler. 1,920,128; July 25.
 Locking attachment for cranes. F. W. Hankins. 1,894,683; Jan. 17.
 Locking cap for fasteners. A. W. Gelpcke. 1,936,624; Nov. 28.
 Locking closure. T. D. Lazarices. 1,926,204; Sept. 12.
 Locking cover. W. S. Sherman. 1,902,731; Mar. 21.
 Locking device. F. H. Carter. 1,915,014; June 20.
 Locking device. A. Gahagan. 1,911,564; May 30.
 Locking device. C. G. Olson. 1,896,679; Feb. 7.
 Locking device. L. P. Patterson. 1,920,521; Aug. 1.
 Locking device, Automobile door. E. Vigeant. 1,913,221; June 6.
 Locking device for adjusting apparatus in packing machines. Self. P. Gangler. 1,911,821; May 30.
 Locking device for automobiles, Hood. J. P. Geraghty. 1,893,406; Jan. 3.
 Locking device for bayonet slot construction. S. Schiff. 1,900,258; Mar. 7.
 Locking device for bobbin caps. L. J. Jordan. 1,898,131; Feb. 21.
 Locking device for camera shutter-operating members. G. Wahnish. 1,927,427; Sept. 19.
 Locking device for differential mechanisms. P. E. Matthews. 1,938,848; Dec. 12.
 Locking device for doors. G. E. Strandt. 1,895,594; Jan. 31.
 Locking device for extensible screens and the like. G. T. Williams and W. F. Story. 1,923,804; Aug. 22.
 Locking device for loose-leaf books. C. R. Stevens. 1,911,404; May 30.
 Locking device for machine tool worktables. J. C. and R. D. Shaw. 1,930,567; Oct. 17.
 Locking device for portable receptacles. J. Schoenfeld. 1,919,076; July 18.
 Locking device for pump shafts and the like. J. H. Ridder. 1,934,327; Nov. 7.
 Locking device for revolving doors, Independent wing. R. L. Blanchard. 1,914,237; June 13.
 Locking device for scales. J. I. M. Kibbe. 1,896,409; Feb. 7.
 Locking device for swiveling casing books. B. S. Minor. 1,922,386; Aug. 15.
 Locking device for thread clearers. S. Hyslop. 1,922,684; Aug. 15.
 Locking device, Friction. J. van Meurs. 1,928,191; Sept. 26.
 Locking device, License tag. C. L. Fortinberry. 1,928,527; Sept. 26.
 Locking device, Nut. C. L. Eastburg. 1,915,088; June 20.
 Locking device, Safety. F. H. Wright and E. W. Lewis. 1,915,175; June 20.
 Locking device, Tank car valve. W. E. Peterson. 1,894,830; Jan. 17.
 Locking means. V. H. Harbert. 1,915,417; June 27.
 Locking means. R. C. Legat. 1,898,974; Feb. 21.

- Locking means, Automobile. G. M. Mortenson. 1,894,189; Jan. 10.
- Locking means, Cell door. R. W. Zimmerman. 1,925,165; Sept. 5.
- Locking means, Finger plate. A. W. Hulson. 1,906,228; May 2.
- Locking means for electric lights. C. W. Cherry. 1,932,132; Oct. 24.
- Locking means for fuel control means, Manually releasable. H. Meachem. 1,930,901; Oct. 17.
- Locking means for fuel tanks of automobiles. G. Penn. 1,936,207; Nov. 21.
- Locking mechanism. A. C. Brown, 3d. 1,909,453; May 16.
- Locking mechanism. G. Bulleri. 1,915,353; June 27.
- Locking mechanism. W. F. Diesel. 1,896,685; Feb. 7.
- Locking mechanism, Atmospheric pressure operated. H. Friedman and C. Hochmuth. 1,923,817; Aug. 22.
- Locking mechanism, Automobile gas tank. T. F. Cullinan. 1,932,957; Oct. 31.
- Locking mechanism, Casement. I. W. Litchfield. 1,905,921; Apr. 25.
- Locking mechanism for binder posts. P. O. Unger. 1,918,438; July 18.
- Locking mechanism for freight box cars. F. Averhoff y Terry. 1,914,232; June 13.
- Locking mechanism for handcuffs. W. L. Latou. 1,900,242; Mar. 7.
- Locking mechanism for ironing machines. N. D. Etten. 1,937,193; Nov. 28.
- Locking mechanism for taximeters, Flag. G. Vlahov. 1,894,384; Jan. 17.
- Locking mechanism for trunks, Drawer. F. W. Meyer. 1,920,654; Aug. 1.
- Locking member for sprinkler heads. G. I. Rockwood. 1,909,123; May 16.
- Locking member for sprinkler heads, Fusible. R. H. Russell. 1,932,805; Oct. 31.
- Locking pin construction. J. C. Merwin. 1,893,467; Jan. 3.
- Locking system for strong boxes. A. Swahn. 1,902,195; Mar. 21.
- Locking tubing tong, Adjustable. A. E. Carlson. 1,921,281; Aug. 8.
- Locking wires and locking tool for use therein. A. H. Kilmer. 1,929,497; Oct. 10.
- Locomotive. C. H. Apps. 1,906,507; May 2.
- Locomotive. O. Engler. 1,941,295; Dec. 26.
- Locomotive. B. F. Harrison. 1,920,305; Aug. 1.
- Locomotive. R. C. F. Loewy. Des. 89,282-3; Feb. 14.
- Locomotive. P. G. Sanborn. 1,899,589; Feb. 28.
- Locomotive. E. L. and C. A. Schellens. 1,905,063; Apr. 25.
- Locomotive. E. L. Schellens. 1,932,230; Oct. 24.
- Locomotive. C. A. Siegel and J. P. Neff. 1,920,812; Aug. 1.
- Locomotive. C. W. Todd. 1,895,500; Jan. 31.
- Locomotive accessory supporting apparatus. A. C. Negus. 1,911,843; May 30.
- Locomotive attachment. J. A. Owens and T. C. Waters. 1,930,860; Oct. 17.
- Locomotive boiler. G. J. Christenson. 1,939,662; Dec. 19.
- Locomotive boiler. C. G. Hawley. 1,934,800; Nov. 14.
- Locomotive boiler. C. G. Hawley. 1,936,193; Nov. 21.
- Locomotive boiler. W. H. Hinsch and J. Baker. 1,923,374; Aug. 22.
- Locomotive boiler. J. C. Martin, Jr. 1,928,861-2; Oct. 3.
- Locomotive boiler. C. A. Siegel. 1,894,613; Jan. 17.
- Locomotive boiler. E. A. Turner. 1,896,058; Jan. 31.
- Locomotive boiler. A. H. Willett and C. A. Siegel. 1,912,676; June 6.
- Locomotive boiler construction. J. A. McGrew. 1,918,655; July 18.
- Locomotive boiler head structure. H. M. Pfleger and W. M. Sheehan. 1,928,631; Oct. 3.
- Locomotive boiler, Pulverized fuel. W. Kleinow. 1,918,401; July 18.
- Locomotive boiler, Water tube. W. A. Austin. 1,925,026; Aug. 29.
- Locomotive boiler, Water tube fire box. H. L. Luers. 1,909,874; May 16.
- Locomotive booster motor. M. H. Roberts. 1,913,411; June 13.
- Locomotive cabs, car bodies, and jigs therefor, Erecting. J. P. Sykes and W. T. Thompson. 1,893,456; Jan. 3.
- Locomotive, Condensing. E. L. and C. A. Schellens. 1,924,341; Aug. 29.
- Locomotive construction. H. M. Pfleger. 1,938,352; Dec. 5.
- Locomotive draft regulating device. J. G. Brown. 1,909,485; May 16.
- Locomotive drafting device, Portable. A. J. Filkins. 1,935,839; Nov. 21.
- Locomotive drive rod mechanism. R. J. Finch. 1,936,159; Nov. 21.
- Locomotive driving and spring rigging construction. W. E. Woodard. 1,932,432; Oct. 31.
- Locomotive driving rod journals, Method and mechanism for lubricating. R. S. Williams. 1,927,430; Sept. 19.
- Locomotive, Electric. C. W. Todd. 1,934,217; Nov. 7.
- Locomotive feed water system. J. S. Coffin, Jr. 1,924,272; Aug. 29.
- Locomotive fire box. G. M. Bean. 1,936,747; Nov. 28.
- Locomotive, Internal combustion. F. Bredenbreuker. 1,908,729; May 16.
- Locomotive, Railway. D. B. Worth. Des. 89,666; Apr. 18.
- Locomotive refilling system. F. W. Miller. 1,927,291; Sept. 19.
- Locomotive reverse gear. E. W. Albers. 1,930,636; Oct. 17.
- Locomotive smoke box. C. D. Barrett. 1,913,530; June 13.
- Locomotive spark eliminator. H. H. Urbach and H. A. Beil. 1,939,739; Dec. 19.
- Locomotive spotter. O. L. Coffey. 1,936,750; Nov. 28.
- Locomotive steam dome. C. W. Lester. 1,914,377; June 20.
- Locomotive structure. W. L. Bean. 1,932,008; Oct. 24.
- Locomotive structure. K. S. Howard. 1,940,715; Dec. 26.
- Locomotive structure. W. L. Lentz and H. M. Pfleger. 1,902,962; Mar. 28.
- Locomotive structure. H. M. Pfleger. 1,937,587; Dec. 5.
- Locomotive structure. J. J. Zach. 1,924,175; Aug. 29.
- Locomotive superheater boiler. R. M. Ostermann. 1,931,994; Oct. 24.
- Locomotive tender. E. A. Turner. 1,908,084; May 9.
- Locomotive tender construction. W. L. Lentz and W. M. Sheehan. 1,920,754; Aug. 1.
- Locomotive tender construction. E. A. Turner and C. J. Surdykowski. 1,897,513; Feb. 14.
- Locomotive terminal hot water supply. B. E. Ferrell. 1,911,754; May 30.
- Locomotive, Turbine driven. A. Lysholm, F. Ljungström, and E. O. Eriksson. 1,924,062; Aug. 22.
- Locomotive, Turbine driven. A. Lysholm and G. Wahlsten. 1,910,619; May 23.
- Locomotive underframe. D. B. Worth. 1,915,813; June 27.
- Locomotive valve mechanism. A. W. Bruce. 1,913,360; June 13.
- Locomotives having internal combustion engines, Operating. L. Saives. 1,903,635; Apr. 11.
- Lodge finger ring. H. F. Everline. Des. 91,105; Nov. 28.
- Log. Bilge. E. K. Zink. 1,894,211; Jan. 10.
- Log, Dynamometric. M. E. A. Baule. 1,903,713; Apr. 11.
- Log refloating apparatus. J. A. Ellis. 1,939,003; Dec. 12.
- Log sawing machine. J. R. Houts. 1,898,960; Feb. 21.
- Log trimming machine, Portable. J. L. Brown. 1,893,016; Jan. 3.
- Log turner. W. R. Klatt. 1,924,440; Aug. 29.
- Logging bumper. J. Kuchar. 1,909,689; May 16.
- Logs, Sawing of. K. E. R. Österberg. 1,920,584; Aug. 1.
- Longevous cultures of aciduric bacteria. F. W. Nitardy, J. J. Enright, and V. S. Wrenn. 1,918,042; July 11.
- Longevous cultures of aciduric bacteria. F. W. Nitardy, J. J. Enright, and V. S. Wrenn. 1,918,052-3; July 11.
- Loom: See—
- Pile fabric loom. Weft replenishing loom.
- Tuft pile fabric loom.
- Loom. M. Anderson. 1,894,336; Jan. 17.
- Loom. J. and M. Bergman. 1,904,715; Apr. 18.
- Loom. A. J. Briggs. 1,925,044; Aug. 29.
- Loom. J. Keys. 1,930,240; Oct. 10.
- Loom. H. J. Murphy. 1,940,366; Dec. 19.
- Loom. I. W. Noyes. 1,906,998; May 2.
- Loom. S. P. Parker. 1,901,769; Mar. 14.
- Loom. B. Rossmann. 1,906,185; Apr. 25.
- Loom. L. Strohacker. 1,907,460; May 9.
- Loom. E. J. Wentz. 1,896,337; Feb. 7.
- Loom. G. Wiget. 1,911,981; May 30.
- Loom, Axminster. J. A. Coyle. 1,912,890; June 6.
- Loom, Axminster. E. J. Dacey. 1,906,948; May 2.
- Loom, Circular. F. D. Saylor. 1,915,335; June 27.
- Loom control. C. D. Brown. 1,898,712; Feb. 21.
- Loom, Dobby lever for. E. R. Holmes. 1,941,005; Dec. 26.
- Loom, Filling replenishing. C. D. Brown. 1,926,738; Sept. 12.
- Loom, Fixed reed rotary box. J. Feather. 1,934,120; Nov. 7.
- Loom for weaving oriental knotted fabrics. T. P. Walsh. 1,916,290; July 4.
- Loom for weaving tufted fabric and weaving. C. E. Barrett. 1,904,939; Apr. 18.
- Loom for weaving tufted pile fabrics. W. V. Lowe. 1,909,113; May 16.
- Loom, Harness mechanism for a. D. N. O'Brien. 1,900,659; Mar. 7.
- Loom-harness operating mechanism. E. E. Gilmore. 1,911,822; May 30.
- Loom having a stationary weft supply. W. Pool. 1,918,288; July 18.
- Loom having a stationary weft supply. W. Pool. 1,921,396; Aug. 8.
- Loom having stationary weft supplies. W. Pool. 1,925,336; Sept. 5.
- Loom, Needle. F. V. Grennor. 1,919,147; July 18.
- Loom reed construction. I. Andrews. 1,898,927; Feb. 21.
- Loom rewarping attachment, automatic warp tension plate and sectional guide. J. Dent. 1,916,362; July 4.
- Loom shuttle. J. Coldwell. 1,905,266; Apr. 25.
- Loom-shuttle. E. R. Holmes. 1,932,782; Oct. 31.
- Loom shuttle. E. Ross. 1,905,000; Apr. 25.
- Loom shuttle, Automatically threading. R. A. Jenkins. 1,928,787; Oct. 3.

- Loom spools, Setting. R. E. Vickerman. 1,921,053; Aug. 8.
- Loom stop-motions, Timing device for. E. C. Smith. 1,901,418; Mar. 14.
- Loom, Stopping and brake-applying mechanism for narrow ware. E. R. Holmes. 1,941,006; Dec. 26.
- Loom, Tape. A. Weimar. 1,898,230; Feb. 21.
- Loom temple. F. E. Douglas. 1,912,476; June 6.
- Loom temple. J. Gilpin. 1,934,495; Nov. 7.
- Loom temple with thread-cutting mechanism. F. E. Douglas. 1,937,081; Nov. 28.
- Loom, Tuft pile fabric. D. J. Bouchard and J. W. Rush. 1,906,308; May 2.
- Loom, Weft detecting automatic drop box. A. A. Gordon. 1,912,522; June 6.
- Looms, Attachment for plain. A. W. Gionet and J. J. Higginbottom. 1,941,297; Dec. 26.
- Looms, Bobbin can for automatic. W. H. Wakefield. 1,899,600; Feb. 28.
- Looms, Card stripper for Jacquard. T. Lemmis. 1,906,977; May 2.
- Looms, Combined brake and clutch release for. J. G. Bentley, R. A. Gibbs, Jr., and F. O. Gibbs. 1,930,075; Oct. 10.
- Looms, Electric feeler mechanism for. R. C. Newton. 1,926,167; Sept. 12.
- Looms, Electrical weft detector for. T. Kerr. 1,899,620; Feb. 28.
- Looms, Electrical weft detector for. O. V. Payne. 1,929,213; Oct. 3.
- Looms, Feeler mechanism for. C. Richardson. 1,932,047; Oct. 24.
- Looms, Filling detector for. I. Couser. 1,932,133; Oct. 24.
- Looms, Filling detector for. J. W. Simpson. 1,896,332; Feb. 7.
- Looms, Filling feeler for. E. W. Barrett. 1,932,129; Oct. 24.
- Looms, Filling-feeler mechanism for. H. Le Doux. 1,894,316; Jan. 17.
- Looms, Filling replenishing mechanism for double shuttle. A. S. Cowan. 1,906,544; May 2.
- Looms, Filling stop motion for. A. Darienzo. 1,900,545; Mar. 7.
- Looms for weaving, Automatic weft replenishing and weft cutting device for. J. P. Camps. 1,916,359; July 4.
- Looms for weaving, Tongue for shuttles for. G. Diederichs. 1,933,418; Oct. 31.
- Looms for weaving tufted pile fabrics, Tuft yarn frame for. E. F. Clark. 1,901,435; Mar. 14.
- Looms, Guard and guard key for carpet. E. and V. Spagnola. 1,912,501; June 6.
- Looms, Harness motion for. R. J. Kunath. 1,910,222; May 23.
- Looms, Lay structure for. C. J. Lindegren. 1,937,429; Nov. 28.
- Looms, Let-off for. A. D. Gargolinski. 1,912,520; June 6.
- Looms, Let-off mechanism for. G. Dierkens and C. Vanbecelaer. 1,907,518; May 9.
- Looms, Loose reed for. E. R. Holmes. 1,926,382; Sept. 12.
- Looms or the like, Stopping device for. F. B. Gibbs. 1,898,768; Feb. 21.
- Looms, Parallel picker motion for. J. G. Bentley, R. A. Gibbs, Jr., F. O. Gibbs, and G. M. Jones. 1,930,080; Oct. 10.
- Looms, Pattern forming reed for. R. A. Bonnin. 1,910,946; May 23.
- Looms, Picker control for. A. A. Gordon. 1,906,957; May 2.
- Looms, Positive revoker for magazine. A. A. Gordon. 1,912,524; June 6.
- Looms, Protector mechanism for. A. A. Gordon. 1,906,958; May 2.
- Looms, Reed and backstay adjustment for. E. R. Holmes. 1,926,383; Sept. 12.
- Looms, Restarting controller for shuttle changing. L. S. Vose. 1,929,224; Oct. 3.
- Looms, Reversible take-up for. B. W. Brouwer and A. A. Gordon. 1,937,401; Nov. 28.
- Looms, Shuttle box control mechanism for. A. O. Dumas. 1,915,271; June 27.
- Looms, Side slipping feeler for. O. V. Payne. 1,937,411; Nov. 28.
- Looms, Stop motion for. J. P. Costello. 1,902,302; Mar. 21.
- Looms, Thread cutter and binder for weft replenishing. O. V. Payne. 1,932,801; Oct. 31.
- Looms, Thread cutting temple for. F. E. Douglas. 1,893,734; Jan. 10.
- Looms, Thread cutting temple for. F. E. Douglas. 1,914,663; June 20.
- Looms, Thread holder for weft replenishing. H. H. Burton. 1,895,781; Jan. 31.
- Looms, Timer for weft detectors of box. L. S. Vose. 1,895,829; Jan. 31.
- Looms, Tube frame for. J. Szczerba. 1,937,467; Nov. 28.
- Looms, Tuft yarn carrier for. E. C. Shuttleworth. 1,897,077; Feb. 14.
- Looms, Warp beam for. W. J. Abrash. 1,925,428; Sept. 5.
- Looms, Warp-stop motion for. W. H. Baker. 1,902,318; Mar. 21.
- Looms, Weft feeler and stop motion device for weaving. J. W. MacKenzie. 1,914,749; June 20.
- Loop and box loop, Wear. H. V. Hanson. 1,923,371; Aug. 22.
- Loop and pile forming machine. J. M. Gladish. 1,907,292; May 2.
- Loop forming and cutting device. J. H. Howe. 1,905,637; Apr. 25.
- Loop pile fabric. F. W. Mostertz. 1,934,942; Nov. 14.
- Loop receiver, Symmetrical. H. O. Peterson. 1,920,665; Aug. 1.
- Looper driving mechanism. A. H. Weis. 1,906,294; May 2.
- Loose leaf fastener. P. H. Barkley. 1,917,569; July 11.
- Loose leaf holder. R. A. Furlong. 1,913,050; June 6.
- Lorgnette. W. A. Blocker. 1,899,664; Feb. 28.
- Loud speaker. A. Armer. 1,930,576; Oct. 17.
- Loud speaker. C. D. Bock. 1,897,835; Feb. 14.
- Loud speaker. H. K. Bouvier. 1,903,164; Mar. 28.
- Loud speaker. P. Crosby, Jr. 1,915,217; June 20.
- Loud speaker. B. A. Engholm. 1,918,092; July 11.
- Loudspeaker. R. W. Hardisty. 1,905,702; Apr. 25.
- Loud speaker. A. W. D. Harris. 1,932,459; Oct. 31.
- Loud speaker. G. Holst. 1,908,513; May 9.
- Loud speaker. E. C. Jefferis. 1,936,396; Nov. 21.
- Loud speaker. H. L. Kirke, A. B. Howe, and A. E. Barrett. 1,930,757; Oct. 17.
- Loudspeaker. C. Midhat. 1,924,063; Aug. 22.
- Loud speaker. J. Orenits. 1,913,284; June 6.
- Loud speaker. M. E. Paradise. 1,924,803; Aug. 29.
- Loud speaker. H. J. Round and J. G. Robb. 1,904,537-8; Apr. 18.
- Loudspeaker. W. and P. Sefton. 1,907,449; May 9.
- Loud speaker. F. J. ten Pas. 1,918,995; July 18.
- Loud speaker. A. A. Thomas. 1,922,181; Aug. 15.
- Loud speaker. H. R. Van Deventer. 1,932,461; Oct. 31.
- Loud speaker. J. Weinberger and I. Wolff. 1,918,751; Feb. 28.
- Loudspeaker and like apparatus. M. Bernard. 1,897,294; Feb. 14.
- Loud speaker and like horn. F. W. Lanchester. 1,894,376; Jan. 17.
- Loud speaker construction. T. A. Hunter. 1,939,898; Dec. 19.
- Loud speaker, Dynamic. H. J. Fanger. 1,920,299; Aug. 1.
- Loud speaker, Electrodynamic. E. Gerlach and H. Orlich. 1,934,184; Nov. 7.
- Loud-speaker, Electrodynamic. E. S. Pridham. 1,901,331; Mar. 14.
- Loud speaker, Electrostatic. J. S. High. 1,930,518; Oct. 17.
- Loud-speaker, Electrostatic. A. A. Thomas. 1,901,202; Mar. 14.
- Loud speaker having balanced magnetic circuits. T. A. Hunter and R. J. Rockwell. 1,912,078; May 30.
- Loudspeaker motor. T. A. Hunter. 1,921,924; Aug. 8.
- Loud speaker operation and circuit. D. D. Israel. 1,897,390; Feb. 14.
- Loud speaker, Pneumatic. F. L. Hetzel. 1,898,302; Feb. 21.
- Loud speaker resonator construction. W. H. Gerns. 1,911,359; May 30.
- Loud speaker system. T. J. Scofield. 1,915,954; June 27.
- Loud speaker unit, Dynamic. H. J. Fanger. 1,895,071; Jan. 24.
- Lounge chair. P. Goodman. Des. 90,879; Oct. 17.
- Lounging chair. V. A. McChesney and F. A. Milnes. Des. 90,495; Aug. 15.
- Louver construction. E. P. Jones. 1,914,571; June 20.
- Low pressure diaphragm gauge. P. Gaiser. 1,924,781; Aug. 29.
- Low water indicator. E. L. Wood. 1,925,294; Sept. 5.
- Lowering device. S. Kalish and A. L. Slee. 1,908,156; May 9.
- Lowering device in molding machines. G. Zimmermann. 1,905,358; Apr. 25.
- Lubricant. H. H. Dow. 1,918,593; July 18.
- Lubricant. R. F. Nelson. 1,929,955; Oct. 10.
- Lubricant. R. S. Prendergast and F. Pearson. 1,913,953; June 13.
- Lubricant. H. M. Rosen. 1,920,161; July 25.
- Lubricant and making same, Synthetic. J. J. Grebe and S. M. Stoesser. 1,905,850; Apr. 25.
- Lubricant and preparing same. S. Matsunawa and F. Nozawa. 1,893,094; Jan. 3.
- Lubricant and producing the same, Inorganic. W. A. Boughton. 1,917,089; July 4.
- Lubricant compressor. J. R. Battle. 1,896,507; Feb. 7.
- Lubricant cooler. W. L. Clouse. 1,904,412; Apr. 18.
- Lubricant delivery apparatus. W. D. Bell. 1,896,036; Jan. 31.
- Lubricant, Device for indicating presence of foreign matter in a. G. R. Eckstein. 1,913,436; June 13.
- Lubricant dispensing apparatus. J. J. Pelouch and P. I. Schultz. 1,914,896; June 20.
- Lubricant dispensing device. J. J. Pelouch. 1,915,443; June 27.
- Lubricant dispensing device. J. J. Pelouch and P. I. Schultz. 1,922,109; Aug. 15.
- Lubricant dispensing device. C. R. Yirava. 1,929,231; Oct. 3.
- Lubricant dispensing means, Visible. G. A. Hill. 1,925,248; Sept. 5.
- Lubricant display device. M. I. Hakky. Des. 89,960; May 23.
- Lubricant distributing system. J. Bijur. 1,929,404; Oct. 10.
- Lubricant, Drawing. R. E. Wilkin. 1,907,920; May 9.

- Lubricant fittings, Attaching. N. W. Morse. 1,928,841; Oct. 3.
- Lubricant from cold rolled strip metal, Method of and apparatus for removing. J. J. Grobstein and B. M. Crum. 1,918,207; July 11.
- Lubricant pump. W. L. Clouse. 1,897,800; Feb. 14.
- Lubricant retainer. H. R. Shiffer. 1,900,368; Mar. 7.
- Lubricant retainer for axles and the like. T. C. Delaval-Crow. 1,930,586; Oct. 17.
- Lubricant spraying apparatus. E. W. Davis. 1,899,262; Feb. 28.
- Lubricant, Sulphur. V. R. Abrams. 1,913,299-300; June 6.
- Lubricant under pressure, Apparatus for discharging. W. M. Kelly. 1,907,980; May 9.
- Lubricants, Applying metal. R. F. Cohn. 1,925,305; Sept. 5.
- Lubricants, Processing. F. A. Kormann and J. A. Milliff. 1,918,403; July 18.
- Lubricants, Treating. W. O. Stevens. Re18,988; Nov. 7.
- Lubricated hinge. D. A. Brawley. 1,898,936; Feb. 21.
- Lubricated plug valve. F. N. Bard. 1,911,344; May 30.
- Lubricated valve. S. J. Nordstrom. 1,913,894; June 13.
- Lubricating and cooling material. C. B. Strauch. 1,909,080; May 16.
- Lubricating and guiding means for spinning mechanisms. A. Clocker and G. F. MacFarlane. 1,931,431; Oct. 17.
- Lubricating apparatus. D. G. Adams. 1,937,106; Nov. 28.
- Lubricating apparatus. D. G. Adams. 1,938,571; Dec. 12.
- Lubricating apparatus. H. Albertine. 1,905,878; Apr. 25.
- Lubricating apparatus. F. S. Barks. 1,893,464; Jan. 3.
- Lubricating apparatus. F. S. Barks. 1,930,222; Oct. 10.
- Lubricating apparatus. F. S. Barks. 1,939,943; Dec. 19.
- Lubricating apparatus. F. S. Barks and F. Holmes. 1,935,139; Nov. 14.
- Lubricating apparatus. E. W. Davis. 1,929,774; Oct. 10.
- Lubricating apparatus. E. W. Davis. 1,935,873-4; Nov. 21.
- Lubricating apparatus. E. R. Dayton and W. H. Rudolph. 1,921,118; Aug. 8.
- Lubricating apparatus. F. W. Edwards. 1,897,503; Feb. 14.
- Lubricating apparatus. A. P. Fox. Des. 89,753; May 2.
- Lubricating apparatus. A. P. Fox. 1,925,832; Sept. 5.
- Lubricating apparatus. A. P. Fox and W. Z. Linders. 1,935,150; Nov. 14.
- Lubricating apparatus. R. P. Jacques. 1,894,274; Jan. 17.
- Lubricating apparatus. S. D. Locke, C. R. Dosch, and H. J. Stegeman. 1,905,179; Apr. 25.
- Lubricating apparatus. G. L. Moore. 1,935,886; Nov. 21.
- Lubricating apparatus. H. J. Murphy. 1,896,460; Feb. 7.
- Lubricating apparatus. H. J. Murphy. 1,920,280; Oct. 10.
- Lubricating apparatus. C. F. Raisch. 1,917,949; July 11.
- Lubricating apparatus. A. W. Reader. 1,934,883; Nov. 14.
- Lubricating apparatus. P. Upham. 1,929,195; Oct. 3.
- Lubricating apparatus. J. W. Welch. 1,930,297; Oct. 10.
- Lubricating apparatus. F. Wilkes. 1,931,278; Oct. 17.
- Lubricating apparatus. O. U. Zerk. 1,899,071; Feb. 28.
- Lubricating apparatus. O. U. Zerk. 1,908,468; May 9.
- Lubricating apparatus. O. U. Zerk. 1,912,238; May 30.
- Lubricating apparatus. O. U. Zerk. 1,912,239-40; May 30.
- Lubricating apparatus. O. U. Zerk. 1,923,408; Aug. 22.
- Lubricating apparatus. O. U. Zerk. 1,924,474; Aug. 29.
- Lubricating apparatus. O. U. Zerk. 1,928,824; Oct. 3.
- Lubricating apparatus. O. U. Zerk. 1,929,765; Oct. 10.
- Lubricating apparatus. O. U. Zerk. 1,931,121-2; Oct. 17.
- Lubricating apparatus and assembly. F. W. Edwards. 1,925,796; Sept. 5.
- Lubricating apparatus, Force feed. D. Grattan. 1,901,027; Mar. 14.
- Lubricating apparatus for consistent grease. Central. A. Schlosshauer. 1,937,032; Nov. 28.
- Lubricating apparatus for journal boxes. C. B. Royal. 1,932,605; Oct. 31.
- Lubricating apparatus, Pressure. W. M. J. Jüllig. 1,933,809; Nov. 7.
- Lubricating arrangement for use in bearings. E. Koch. 1,917,447; July 11.
- Lubricating composition. E. A. Nill. 1,937,462; Nov. 28.
- Lubricating composition and making same. E. A. Nill. 1,937,463; Nov. 28.
- Lubricating composition and making the same. J. E. Thomsen and J. J. O'Laughlin. 1,895,014; Jan. 24.
- Lubricating compound. S. Cabot. 1,935,588; Nov. 14.
- Lubricating device. H. R. Allen. 1,941,133; Dec. 26.
- Lubricating device. J. Bliss. 1,905,136; Apr. 25.
- Lubricating device. J. L. Creveling. 1,941,132; Dec. 26.
- Lubricating device. J. L. Creveling. 1,941,139; Dec. 26.
- Lubricating device. H. F. Cunningham. 1,900,429; Mar. 7.
- Lubricating device. A. Y. Dodge. 1,929,628; Oct. 10.
- Lubricating device. A. Y. Dodge. 1,941,134; Dec. 26.
- Lubricating device. G. R. Ericson and P. R. Wheeler. 1,915,302; June 27.
- Lubricating device. C. C. Farmer. 1,910,599; May 23.
- Lubricating device. E. N. Fox. 1,928,448; Sept. 26.
- Lubricating device. M. C. Huffman. 1,924,499; Aug. 29.
- Lubricating device. R. C. Kendall. 1,898,188; Feb. 21.
- Lubricating device. M. Newmark. 1,900,921; Mar. 7.
- Lubricating device. C. W. Parker. 1,941,135; Dec. 26.
- Lubricating device. W. K. Schaefer. 1,919,451; July 25.
- Lubricating device. P. P. Shaw. 1,917,605; July 11.
- Lubricating device. A. G. Steinmayer. 1,918,296; July 18.
- Lubricating device. C. D. Stover. 1,933,191; Oct. 31.
- Lubricating device. H. R. Tear. 1,941,138; Dec. 26.
- Lubricating device. D. T. Williams. 1,910,732; May 23.
- Lubricating device, Automatic. M. C. Hammond. 1,930,313; Oct. 10.
- Lubricating device, Automatic. F. Schmied. 1,904,803; Apr. 18.
- Lubricating device, Constant level. K. Aoki. 1,904,601; Apr. 18.
- Lubricating device for antifriction spindle bearing. W. H. Hall. 1,924,189; Aug. 29.
- Lubricating device for bearings. E. R. Wharton. 1,921,556; Aug. 8.
- Lubricating device for bearings, Constant level. F. E. Case. 1,905,799; Apr. 25.
- Lubricating device for locomotive journal boxes. G. C. Christy. 1,927,333; Sept. 19.
- Lubricating device for railway vehicle axles. E. Mooney. 1,908,913; May 16.
- Lubricating device for sewing machines. M. L. Waterman. 1,936,372; Nov. 21.
- Lubricating device for shaft bearings. I. Gonyk. 1,912,273; May 30.
- Lubricating device particularly adapted to be used in connection with rotary distributors for internal combustion engines. H. Konstantinoff. 1,941,402; Dec. 26.
- Lubricating distillates, Treating. C. W. Stratford. 1,927,853; Sept. 26.
- Lubricating fitting clamp. G. H. Hartman. 1,912,770; June 6.
- Lubricating head. L. W. Macomber. 1,926,158; Sept. 12.
- Lubricating installation. J. Bijur. 1,930,463; Oct. 17.
- Lubricating installation and apparatus. J. Bijur. 1,903,499; Apr. 11.
- Lubricating means. J. L. Creveling. 1,901,148; Mar. 14.
- Lubricating means. J. G. Heaslet. 1,917,584; July 11.
- Lubricating means. F. Roller. 1,920,714; Aug. 1.
- Lubricating means. O. U. Zerk. 1,929,764; Oct. 10.
- Lubricating means for automatic transmission mechanism. J. G. Vincent. 1,902,050; Mar. 21.
- Lubricating means for axle bearings of vehicles. W. Lehmann. 1,919,113; July 18.
- Lubricating means for car axles. A. H. Oelkers. 1,930,689; Oct. 17.
- Lubricating means for gearing. J. E. Anderson. 1,912,422; June 6.
- Lubricating means for high pressure pump pistons. E. H. Fahrney. 1,899,949; Mar. 7.
- Lubricating means for journal bearings. J. W. Coady. 1,906,840; May 2.
- Lubricating means for leaf springs, Making. C. C. Campbell. 1,926,834; Sept. 12.
- Lubricating means for pump shafts. A. C. Durdin, jr. 1,915,652; June 27.
- Lubricating means for pumps. E. E. Greve. 1,920,381; Aug. 1.
- Lubricating means for rods and the like. A. van Duyn. 1,906,728; May 2.
- Lubricating means for sewing machines. L. G. Bowman. 1,913,914; June 13.
- Lubricating means for sewing machines. L. G. Bowman. 1,930,382; Oct. 10.
- Lubricating means for slicing machine guides. A. van Duyn. 1,906,727; May 2.
- Lubricating mechanism. J. B. Picard. 1,898,981; Feb. 21.
- Lubricating mechanism. G. B. Wilson. 1,940,037; Dec. 19.
- Lubricating mechanism, Automatic. A. J. Farrar. 1,933,722; Nov. 7.
- Lubricating mechanism for automotive vehicles. S. F. Briggs. 1,929,477; Oct. 10.
- Lubricating pump. G. Hegwehn. 1,934,669; Nov. 7.
- Lubricating pump. R. von Kalmann. 1,906,779; May 2.
- Lubricating pump, High pressure. A. Bizzarri. 1,915,512; June 27.
- Lubricating rings and travelers in doubling and like frames. T. K. Powrie. 1,899,635; Feb. 28.
- Lubricating system. F. C. Blanchard. 1,900,754; Mar. 7.
- Lubricating system. C. G. Butler. 1,917,238; July 11.
- Lubricating system. H. B. Clarke. 1,906,540; May 2.
- Lubricating system. E. W. Davis. 1,898,003; Feb. 21.
- Lubricating system. G. R. Ericson and P. R. Wheeler. 1,908,641; May 9.
- Lubricating system. M. J. Goldberg. 1,912,190; May 30.
- Lubricating system. R. J. Gray. 1,917,966; July 11.
- Lubricating system. J. Hass. 1,898,184; Feb. 21.
- Lubricating system. M. R. Hatch. 1,939,262; Dec. 12.
- Lubricating system. G. S. Lombard. 1,937,237; Nov. 28.
- Lubricating system. W. D. Pomeroy. 1,900,735; Mar. 7.
- Lubricating system. W. S. Pritchard. 1,903,554; Apr. 11.
- Lubricating system. C. B. Quaka. 1,913,898; June 13.
- Lubricating system. P. M. Rainey. 1,910,053; May 23.
- Lubricating system. F. J. Rayfield. 1,892,849; Jan. 3.
- Lubricating system. G. J. Russell. 1,902,583; Mar. 21.
- Lubricating system. H. F. Schmidt. 1,893,040; Jan. 3.
- Lubricating system and apparatus. F. H. Gleason. 1,934,053; Nov. 7.
- Lubricating system and method. O. U. Zerk. 1,926,418; Sept. 12.
- Lubricating system and pump. J. Reid. 1,904,168; Apr. 18.
- Lubricating system, Centralized. O. U. Zerk. 1,923,470; Aug. 22.

- Lubricating system, Crank case. M. Birkigt. 1,927,770; Sept. 19.
- Lubricating system for an internal combustion engine. H. D. Church. 1,906,538; May 2.
- Lubricating system for internal combustion engines. B. N. Pierce. 1,915,444-5; June 27.
- Lubricating system for internal combustion engines. B. N. Pierce. 1,932,599; Oct. 31.
- Lubricating system for pumping power. E. E. Greve. 1,906,004; Apr. 25.
- Lubricating system for sleeve valve engines. W. S. Fisher. 1,934,051; Nov. 7.
- Lubricating system for vertical pumps. C. N. Benson. 1,918,733; July 18.
- Lubricating system for worm and worm wheel drive. E. Watts and C. E. Stanley. 1,940,110; Dec. 19.
- Lubricating system, Tractor. R. H. White. 1,920,225; Aug. 1.
- Lubricating systems, Float-controlled suction intake device for forced feed. E. J. Gulick. 1,921,670; Aug. 8.
- Lubricating the roll necks of rolling mills, System for. J. L. Miller and H. R. Gilchrist. 1,899,472; Feb. 28.
- Lubricating waste or packing, Cleaning. L. S. Wilbur. 1,896,267; Feb. 7.
- Lubrication. J. Bijur. 1,894,658-9; Jan. 17.
- Lubrication. J. Bijur. 1,912,359; June 6.
- Lubrication. J. Bijur. 1,913,366; June 13.
- Lubrication. J. Bijur. 1,916,251; July 4.
- Lubrication. J. Bijur. 1,927,914; Sept. 26.
- Lubrication. J. Bijur. 1,933,582; Nov. 7.
- Lubrication. J. Bijur. 1,937,507; Dec. 5.
- Lubrication apparatus for transmissions. W. G. Hoelscher. 1,926,998; Sept. 12.
- Lubrication assembly. F. W. Edwards. 1,904,295; Apr. 18.
- Lubrication assembly for locomotives. F. W. Edwards. 1,917,191; July 4.
- Lubrication device. H. R. Allen. 1,941,136; Dec. 26.
- Lubrication device. J. L. Creveling. 1,941,137; Dec. 26.
- Lubrication device. A. Y. Dodge. 1,941,140; Dec. 26.
- Lubrication for engines, Timing gear. L. H. Morrill. 1,915,330; June 27.
- Lubrication for submerged bearings. J. A. Wintroath. 1,893,921; Jan. 10.
- Lubrication method and installation and the element thereof. J. Bijur. 1,940,784; Dec. 26.
- Lubrication of vehicles, System for the central. L. Saives. 1,901,379; Mar. 14.
- Lubrication pump, Force feed. I. Cowles. 1,921,219; Aug. 8.
- Lubrication system. W. S. Cochrane. 1,931,060; Oct. 17.
- Lubrication system for heat generating power plants. E. P. Gaines. 1,929,242; Oct. 3.
- Lubrication, System of chassis. J. P. Tarbox. 1,914,900; June 20.
- Lubricator: See—
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| Automatic lubricator. | Rail and flange lubricator. |
| Ball joint lubricator. | Rail flange lubricator. |
| Distributing lubricator. | Rail lubricator. |
| Driving box lubricator. | Steam lubricator. |
| Force feed lubricator. | Valve guide lubricator. |
| Guide rail lubricator. | Wheel flange lubricator. |
| Journal lubricator. | Wheel lubricator. |
- Mechanical lubricator.
- Lubricator. A. J. Ahrensmeier. 1,914,062; June 13.
- Lubricator. G. A. Barker. 1,916,248; July 4.
- Lubricator. J. C. Burford. 1,893,536; Jan. 10.
- Lubricator. E. R. Candor. 1,936,377; Nov. 21.
- Lubricator. W. G. Coles. 1,934,344; Nov. 4.
- Lubricator. W. H. Holtom. 1,934,066; Nov. 7.
- Lubricator. R. G. McDowell. 1,939,563; Dec. 12.
- Lubricator. L. A. Merk. 1,899,767; Feb. 28.
- Lubricator. L. A. Merk. 1,923,449; Aug. 22.
- Lubricator. G. L. Neely. 1,938,665; Dec. 12.
- Lubricator. G. C. Pearson. 1,896,368; Feb. 7.
- Lubricator. G. W. Quivey. 1,896,421; Feb. 7.
- Lubricator. R. W. Stadlman. 1,911,855; May 30.
- Lubricator. E. F. Terry. 1,907,465; May 9.
- Lubricator. E. F. Terry and F. M. Slater. 1,925,826; Sept. 5.
- Lubricator. C. P. Weldon. 1,923,767; Aug. 22.
- Lubricator and fluid dispenser, Automatic. L. S. Elmer. 1,934,175; Nov. 7.
- Lubricator coupling. F. L. Scott. 1,896,250; Feb. 7.
- Lubricator device, Journal. J. J. Hennessy. 1,938,659; Dec. 12.
- Lubricator fitting. E. J. Macey. 1,901,973; Mar. 21.
- Lubricator for earth boring drills. F. L. Scott. 1,909,078; May 16.
- Lubricator for high-speed elevators. B. H. Macy. 1,940,360; Dec. 19.
- Lubricator for internal combustion engines. W. M. S. Jackson. P. F. Hackethal, and L. J. P. Jackson. 1,917,125; July 4.
- Lubricator for internal combustion engines, Combined primer and cylinder. C. L. Stokes. 1,904,936; Apr. 18.
- Lubricator for percussive tools. L. L. Richardson. 1,923,797; Aug. 22.
- Lubricator for valves and the upper walls of cylinders. G. L. Neely. 1,934,734; Nov. 14.
- Lubricator pump. K. S. Clapp and T. H. Eickhoff. 1,898,815; Feb. 21.
- Lubricator supply tank. C. Stern. 1,918,145; July 11.
- Lubricator valve. L. R. Kerns. 1,893,087; Jan. 3.
- Lubricator with individual motor drive, Mechanical. F. W. Edwards and F. B. Farnsworth. 1,917,190; July 4.
- Lug for traction wheels. G. Geary. 1,927,516; Sept. 19.
- Lug, Self-cleaning. N. C. Harris, W. N. Creps, and F. M. Blakeslee. 1,930,615; Oct. 17.
- Lugs on clay columns and the like, Method and apparatus for forming. C. H. Keker. 1,914,981; June 20.
- Luggage. O. H. Plotkin. 1,917,458; July 11.
- Luggage. G. H. Wheary. 1,919,082; July 18.
- Luggage. G. H. Wheary. 1,921,110; Aug. 8.
- Luggage and ski rack, Combination. J. E. Bareau. 1,932,951; Oct. 31.
- Luggage, Article of. S. Apter. 1,925,946; Sept. 5.
- Luggage carrier. J. M. Deen. 1,893,752; Jan. 10.
- Luggage carrier. J. M. Deen. 1,911,677; May 30.
- Luggage carrier. M. D. Dorsey. 1,894,482; Jan. 17.
- Luggage carrier. A. Harris. 1,894,464; Jan. 17.
- Luggage carrier. F. G. Heumann. 1,932,934; Oct. 31.
- Luggage carrier. E. L. Sheffer. 1,906,920; May 2.
- Luggage carrier. H. W. Widener. 1,912,958; June 6.
- Luggage carrier. H. W. Widener. 1,913,256; June 6.
- Luggage carrier, Collapsible. S. B. Blakely. 1,905,890; Apr. 25.
- Luggage carrier, Combination. E. A. K. Stanger. 1,925,613; Sept. 5.
- Luggage carrier, Folding. G. S. Awes. 1,915,114; June 20.
- Luggage carrier for vehicles. S. Jepsen. 1,896,628; Feb. 7.
- Luggage carrier handle. W. C. Chesnut. 1,909,392; May 16.
- Luggage, Covering hand. H. E. Hossfeld. 1,908,671; May 9.
- Luggage, Hand. G. H. Wheary. 1,918,310; July 18.
- Luggage, Hand. G. H. Wheary and B. M. Hamlin. 1,896,761; Feb. 7.
- Luggage, Hand. G. H. Wheary and B. M. Hamlin. 1,919,083; July 18.
- Luggage latch. J. Dorst and H. F. Weltz. 1,920,189; Aug. 1.
- Luggage rack, Collapsible. E. Erickson and G. J. Hoody. 1,900,438; Mar. 7.
- Lumber and making same, Compound. R. H. Harwell. 1,924,240; Aug. 29.
- Lumber and shingles, Surface finishing of. H. V. Whittall. 1,921,335; Aug. 8.
- Lumber carrier. C. F. Gerlinger. 1,909,579; May 16.
- Lumber carrier, Six-wheeled. E. F. Gerlinger. 1,927,088; Sept. 19.
- Lumber display rack. L. J. Campbell. 1,914,241; June 13.
- Lumber, Manufacturing artificial. H. W. Brown and C. J. Taylor. 1,931,570; Oct. 24.
- Lumber marking machine. J. G. McDonough. 1,929,703; Oct. 10.
- Lumber, Metal edged gypsum. C. F. Davis. 1,900,805; Mar. 7.
- Lumber rack. C. K. Cady. 1,919,271; July 25.
- Lumber retrimming machine. A. H. Onstad. 1,894,415; Jan. 17.
- Lumber stamping device, Automatic. G. Lunden. 1,896,548; Feb. 7.
- Lumber straightening device. H. H. Payzant and P. F. Luetz. 1,934,087; Nov. 7.
- Lumber that is not attacked by insects, Producing synthetic. O. R. Sweeney. 1,937,366; Nov. 28.
- Lumber that is not attacked by insects, Producing synthetic. O. R. Sweeney. 1,938,227; Dec. 5.
- Lumber to prevent the escape of cedar aroma, Coating and sealing red cedar. F. Rabak. 1,903,342; Apr. 4.
- Lumber, Treating green. A. L. Taylor. 1,896,984; Feb. 7.
- Luminair. T. W. Rolph. 1,922,331; Aug. 15.
- Luminair. E. Stroud. 1,894,915; Jan. 17.
- Luminair employing prismatic reflectors. S. English. 1,905,829; Apr. 25.
- Luminescent tube. G. Claude. 1,903,492; Apr. 11.
- Luminescent-tube sign. J. and R. Boyce. 1,906,309; May 2.
- Luminous discharge device. M. Morrison. 1,905,043; Apr. 25.
- Luminous head gear. W. J. Houlihan and J. D. Sheehan. 1,914,429; June 20.
- Luminous sign. J. C. Batchelor. 1,928,407; Sept. 26.
- Luminous sign. W. W. Lillard. 1,922,309; Aug. 15.
- Luminous sign. F. Hotchner. 1,937,957; Dec. 5.
- Luminous tube. J. H. Byrnes. 1,898,615; Feb. 21.
- Luminous tube. S. J. Johnson. 1,893,085; Jan. 3.
- Luminous tube sign. J. Bruijnes and J. P. M. Mutsaers. 1,914,074; June 13.
- Lunch box. J. H. Devine. 1,896,393; Feb. 7.
- Lunch house. J. C. Stedman. Des. 90,346; July 18.
- Lunch stand. K. J. Hines. Des. 90,285; July 11.
- Luncheon kit, Portable. F. Ackerman. 1,935,307; Nov. 14.
- Lure tester, Trick. W. F. C. Kloepper. 1,906,383; May 2.
- Lure. F. Lutz. 1,913,493; June 13.
- Lure. W. C. Maynard. 1,925,197; Sept. 5.
- Lure. G. R. Unkefer. 1,921,176; Aug. 8.
- Lure, Artificial. C. E. Korte. 1,927,441; Sept. 19.
- Lure, Artificial. A. H. Lahm. 1,920,991; Aug. 8.
- Lye treatment and washing of clothes, Apparatus for the. C. E. P. Julien. 1,930,360; Oct. 10.
- Macaroni. A. Ronzoni. Des. 91,217; Dec. 19.
- Macaroni and making the same. B. S. Scotland. 1,916,812; July 4.

- Macaroni and producing same. G. Tanzl. 1,912,021; May 30.
- Machine and method for applying fastener elements. R. J. Smith. 1,903,659; Apr. 11.
- Machine and method for knitting a complete full-fashioned stocking. R. F. Meier. 1,912,005; May 30.
- Machine and method for making hats. V. P. Writer. 1,935,282; Nov. 14.
- Machine and method for making knockdown boxes. S. Bergstein. 1,026,364; Sept. 12.
- Machine and method for making solid carbon dioxide. J. C. Goosmann. 1,912,445; June 6.
- Machine and method for making trial designs for woven articles. J. G. Hopkins, R. F. Thurlow, and R. S. Feeley. 1,910,219; May 23.
- Machine and method for making wound articles. W. A. Wood and H. G. Adler. 1,915,113; June 20.
- Machine and method for mixing fibers. O. A. Benoit. 1,929,344; Oct. 3.
- Machine and method for producing roofing. R. B. Levis. 1,928,835; Oct. 3.
- Machine and method for removing dents from filled cans. R. B. Taylor. 1,918,004; July 11.
- Machine and method for sewing buttons onto fabric or the like. F. N. Ross. 1,903,268; Mar. 28.
- Machine and method of shaping silica and the like. I. F. Hooper, B. F. Niedergesass, and P. K. Devers. 1,914,205; June 13.
- Machine and method of swedging characters on metal articles. A. E. Drissner. 1,930,589; Oct. 17.
- Machine base. C. Z. Sutton. 1,894,453; Jan. 17.
- Machine bed plate support, Disappearing. J. Lambert. 1,932,744; Oct. 31.
- Machine center. T. Kerr. 1,894,101; Jan. 10.
- Machine drive. T. M. Heermans. 1,914,918; June 20.
- Machine element. H. W. Smith. 1,935,064; Nov. 14.
- Machine for affixing frames to bags or purses. S. Cardinale. 1,920,780; Aug. 1.
- Machine for affixing opening threads to envelopes. L. A. Cherry, C. N. Fuller, and A. H. Lane. 1,923,914; Aug. 22.
- Machine for affixing opening threads to envelopes. C. N. Fuller. 1,899,267; Feb. 28.
- Machine for affixing stamps, labels, and the like. A. G. Cogswell. 1,919,415; July 25.
- Machine for and method of folding sheets. J. Perry. 1,938,401; Dec. 5.
- Machine for and method of making shoes. L. E. Topham. 1,931,563; Oct. 24.
- Machine for and method of perforating Jacquard cards. R. Ruddell. 1,913,514; June 13.
- Machine for and method of processing laminated glass. G. W. Burk. 1,910,748; May 23.
- Machine for and method of spray coating. W. H. Bozarth. 1,894,729; Jan. 17.
- Machine for and process of forming metal into shapes. C. M. Yoder. Re18,760; Mar. 7.
- Machine for applying adhesive tape or labels. J. Geczy. 1,936,357; Nov. 21.
- Machine for applying adhesive to wrappers of packages. C. G. Steffen. 1,913,132; June 6.
- Machine for applying bands or stamps to packets. J. Mason. 1,939,507; Dec. 12.
- Machine for applying bands, stamps or the like to packets. J. Mason. 1,903,928; Apr. 18.
- Machine for applying cement. R. W. Cummings. 1,932,542; Oct. 31.
- Machine for applying foils to surfaces. W. T. Deacon and H. F. Perkins. 1,912,127; May 30.
- Machine for applying friction covers to containers. A. L. Kronquest. 1,920,869; Aug. 1.
- Machine for applying heel covers. N. H. Knowlton. 1,924,243; Aug. 29.
- Machine for applying metallic leaf. G. E. Littlefield. 1,898,782; Feb. 21.
- Machine for applying reinforcing canvas to insoles. J. A. Scott. 1,926,734; Sept. 12.
- Machine for applying solder to cans. W. G. Plumb. 1,941,045; Dec. 26.
- Machine for applying wrapping materials to canisters. W. H. Wall. 1,940,517; Dec. 19.
- Machine for arranging elongated articles lengthwise in rows and conveying the articles lengthwise of the rows. L. R. H. Burton and V. E. Cook. 1,915,121; June 20.
- Machine for ascertaining the volume of loads of granular material. A. Hanique. 1,904,223; Apr. 18.
- Machine for assembling container parts. J. E. Page. 1,916,281; July 4.
- Machine for assembling springs. I. Kuklenski. 1,911,624; May 30.
- Machine for assembling springs. W. F. Murnane and R. D. De Lamar. 1,921,319; Aug. 8.
- Machine for assembling strip sections and box-blanks. H. J. Goss. 1,908,291; May 9.
- Machine for attaching buttons. F. N. Ross and F. R. White. 1,903,269; Mar. 28.
- Machine for attaching ornaments to shoes. G. E. Anderson. 1,902,605; Mar. 21.
- Machine for balancing pistons. W. F. Pioch. 1,908,786; May 16.
- Machine for bending sheet metal shapes. A. Rafter. 1,908,182; May 9.
- Machine for binding books. H. C. Alger and P. A. Frazier. 1,931,244; Oct. 17.
- Machine for boxing matches. K. G. Bartel. 1,928,195; Sept. 26.
- Machine for broaching. H. M. Stainfield. 1,932,425; Oct. 31.
- Machine for broaching. H. M. Stainfield. 1,933,080; Oct. 31.
- Machine for building flexible conduits. M. Lammertse and J. Johnsen. 1,906,320; May 2.
- Machine for calculatively interpreting perforated cards. G. Tauschek. 1,916,997; July 4.
- Machine for calculatively interpreting perforated cards. G. Tauschek. 1,933,352; Oct. 31.
- Machine for capping fibrous containers. N. L. Eudaly, W. H. Collins, and H. H. Vollmer. 1,929,275; Oct. 3.
- Machine for carotting furs. J. Weber and J. E. Tomaino. 1,911,098; May 23.
- Machine for casting films or the like. A. R. Wickham. 1,924,010; Aug. 22.
- Machine for casting stereotype plates and the like. C. Winkler. 1,907,377; May 2.
- Machine for casting stereotype printing plates. H. A. W. Wood. 1,900,265; Mar. 7.
- Machine for chamfering gears. R. M. Uhlmann and J. A. Maywhort. 1,928,770; Oct. 3.
- Machine for circular grinding. A. M. Remington. 1,938,439; Dec. 5.
- Machine for cleaning bottles. R. W. Webster. 1,940,615; Dec. 19.
- Machine for cleaning cans. F. F. Wolf. 1,917,350; July 11.
- Machine for cleaning fabrics. P. M. Rutherford. 1,896,424; Feb. 7.
- Machine for cleaning motion picture films. G. Allison. 1,933,084; Oct. 31.
- Machine for cleaning window shades. H. L. Howell. 1,921,675; Aug. 8.
- Machine for clincing friction covers to cans. J. J. Engelman. 1,940,667; Dec. 26.
- Machine for closing filled cans. A. L. Kronquest. 1,941,033; Dec. 20.
- Machine for coating and distributing cement on materials. G. G. Perkins. 1,935,060; Nov. 14.
- Machine for coating paper and fabric. R. S. Phillips. 1,937,164; Nov. 28.
- Machine for coating printers' rollers. O. Linder, F. T. Whitehouse and F. E. Willson. 1,911,124; May 23.
- Machine for coiling helical forms. M. Nigro and P. S. Thomas. 1,914,976; June 20.
- Machine for combing textile fibers. F. C. Blanchard. 1,905,336; Apr. 25.
- Machine for combing textile fibers. M. P. Mello. 1,905,300; Apr. 25.
- Machine for comparing statistical record cards. A. Thomas. 1,897,085; Feb. 14.
- Machine for continuous process of impregnating, compressing and cooling coil windings. C. H. Thordarson. 1,914,182; June 13.
- Machine for controlling double thread single point screws. J. A. Arenz. 1,912,879; June 6.
- Machine for controlling light intensities of motion picture printers. H. Janssen and E. Wisniewski. 1,899,756; Feb. 28.
- Machine for cooking pretzels. I. Elliott. 1,935,770; Nov. 21.
- Machine for counting and delivering coins. C. D. Howenstine. 1,902,328; Mar. 21.
- Machine for cutting and shaping cakes and biscuits. T. R. Neuteflings. 1,938,110; Dec. 5.
- Machine for cutting and shearing float or bridge threads. F. S. Boyd. 1,895,843; Jan. 31.
- Machine for cutting blanks from sheet material. R. W. Cummings. 1,914,405; June 20.
- Machine for cutting coal. E. Breit and J. H. Ford. 1,924,347; Aug. 29.
- Machine for cutting gears and chamfering attachment therefor. M. H. Hill. 1,932,781; Oct. 31.
- Machine for cutting ice cream blocks. J. F. Schmerhelm. 1,896,788; Feb. 7.
- Machine for cutting metal bars and the like. H. F. Vickers. 1,901,067; Mar. 14.
- Machine for cutting rubber stock. J. C. Carlin. 1,905,366; Apr. 25.
- Machine for cutting screw threads. R. S. Crosby and F. E. Newton. 1,923,423; Aug. 22.
- Machine for cutting sheet material. J. W. Dodd. 1,926,669; Sept. 12.
- Machine for cutting, trimming, and ornamenting shoe parts. A. W. Altvater. 1,938,678; Dec. 12.
- Machine for darning faulty places in plush and like fabrics. K. Heidel. 1,922,131; Aug. 15.
- Machine for decorating and/or trade-marking paper, cardboard, and the like. G. J. Prager. 1,939,081; Dec. 12.
- Machine for decorating confections. A. L. Bausman. 1,908,812; May 16.
- Machine for decorticating fiber-containing foliate plants. F. Mertz. 1,899,470; Feb. 28.
- Machine for deforming sheet metal. L. C. Smith and S. Przyborowski. 1,937,466; Nov. 28.
- Machine for dehydrating pomace. F. C. Stoll and C. W. Jones. 1,926,215; Sept. 12.
- Machine for determining the resisting qualities in wear of leather for soles. P. Millet. 1,906,175; Apr. 25.
- Machine for developing photographic prints. B. F. Hall. 1,916,108; June 27.

- Machine for dispensing lighted cigarettes. R. D. Barnard. 1,914,064; June 13.
- Machine for distributing material on lawns, etc. L. A. Mills. 1,903,874; Apr. 18.
- Machine for distributing sand, gravel, and the like, automatically loading. E. J. N. Millet. 1,901,523; Mar. 14.
- Machine for doweling heels. W. J. Hubbard, Jr. 1,935,979; Nov. 21.
- Machine for drawing glass tubes or rods. R. Salomon. 1,894,201; Jan. 10.
- Machine for drawing threads from fabrics. G. Jalbert. 1,895,995; Jan. 31.
- Machine for drying hides, skins, and the like. A. Hoyt. 1,937,699; Dec. 5.
- Machine for dyeing, bleaching, and the like of loose yarns or bobbins. J. J. Müller. 1,902,042; Mar. 21.
- Machine for dyeing hanks and skeins of yarn and thread. G. S. Riccardi. 1,914,758; June 20.
- Machine for dyeing yarn, stockings, and raw materials. A. C. Gross. 1,939,117; Dec. 12.
- Machine for effecting relative movement of shoes and lasts. H. S. Pym and J. M. Whelton. 1,930,487; Oct. 17.
- Machine for effecting relative movement of shoes and lasts. J. M. Whelton. 1,935,868; Nov. 21.
- Machine for engraving tire molds. H. J. Hoenes. 1,923,728; Aug. 22.
- Machine for evening the ends of explosive shells. R. I. Bashford. 1,936,494; Nov. 21.
- Machine for expressing fruit juices and the like. H. W. Tuttle. 1,902,738; Mar. 21.
- Machine for extruding shaped pieces. T. S. Vierow. 1,934,391; Nov. 7.
- Machine for fabricating scouring devices, mop heads, and similar articles. D. J. Mayer. 1,900,356; Mar. 7.
- Machine for facing flanges. M. M. Metcalf. 1,929,439; Oct. 10.
- Machine for fastening together folded sheets of paper with adhesive material. A. Parker and G. Parsons. 1,921,939; Aug. 8.
- Machine for feeding coiled sections. C. A. Nicolai and E. Lindegaard. 1,905,046; Apr. 25.
- Machine for feeding molten glass. K. E. Peiler. 1,923,554; Aug. 22.
- Machine for feeding plastic material such as dough through dies or like apertures. A. Kremmling. 1,900,607; Mar. 7.
- Machine for filling and sealing ampules, phials, and the like, vessels, Automatic. L. Marzocchi. 1,918,118; July 11.
- Machine for filling bottles and other vessels. H. V. Nielsen. 1,904,924; Apr. 18.
- Machine for filling containers. C. M. Weber. 1,893,831; Jan. 10.
- Machine for filling containers with fluid. L. T. Konopak. 1,894,403; Jan. 17.
- Machine for filling match boxes. J. C. Donnelly. 1,928,199; Sept. 26.
- Machine for fine grading roadbeds. R. D. Baker. 1,939,289; Dec. 12.
- Machine for finishing bolts and screws. H. D. Simkins and O. P. De Loe. 1,920,600; Aug. 1.
- Machine for finishing flooring. I. F. Dittmar. 1,940,745; Dec. 26.
- Machine for finishing the heads of bolts, screws, and the like. L. S. Burbank. 1,921,655; Aug. 8.
- Machine for fanging can bodies. J. Coyle. 1,912,258; May 30.
- Machine for folding noodles. K. Schaufier. 1,908,868; May 16.
- Machine for forming adhesive paper strips. F. J. Noble. 1,911,237; May 30.
- Machine for forming and fastening. A. E. Borton. 1,919,999; July 25.
- Machine for forming diagonally corrugated board. E. Watson. 1,931,365; Oct. 17.
- Machine for forming dough products. S. Patt. 1,939,362; Dec. 12.
- Machine for forming gears and the like. F. Müller. 1,909,840; May 16.
- Machine for forming glass articles. G. Lufkin and R. G. Allen. 1,928,730; Oct. 3.
- Machine for forming glass articles. J. E. McLaughlin, J. H. Treece, and L. D. Soubier. 1,917,140; July 4.
- Machine for forming glass articles. L. D. Soubier. 1,940,634; Dec. 19.
- Machine for forming glass stoppers. F. Flexon. 1,906,561; May 2.
- Machine for forming glass stoppers. L. D. Soubier. 1,916,179; June 27.
- Machine for forming hollow glass articles. L. D. Soubier. 1,912,018; May 30.
- Machine for forming hollow glassware. C. C. Cook and C. Badger. 1,931,375; Oct. 17.
- Machine for forming hollow glassware. J. F. Rule. 1,904,985; Apr. 18.
- Machine for forming hollow glassware. L. D. Soubier. 1,898,404; Feb. 21.
- Machine for forming hollow glassware. L. D. Soubier. 1,904,961; Apr. 18.
- Machine for forming hollow glassware. J. H. Treece and J. E. McLaughlin. 1,898,408; Feb. 21.
- Machine for forming internal clutch elements. E. W. Miller. 1,927,098; Sept. 19.
- Machine for forming mesh wires. H. Bax. 1,915,281; June 27.
- Machine for forming metal bands. J. F. Peters. 1,917,270; July 11.
- Machine for forming offsets in springs. J. M. Oldham. 1,909,499; May 16.
- Machine for forming rim members. J. Sneed. 1,939,577; Dec. 12.
- Machine for forming tubing around firework fuse material. J. Giolosa. 1,898,360; Feb. 21.
- Machine for forming U-shaped shackles. J. W. Leighton. 1,938,915; Dec. 12.
- Machine for forming waterproof tubing around firework fuse material. J. Giolosa. 1,902,122; Mar. 21.
- Machine for generating the teeth of wheels. S. Sunderland and A. M. Midgley. 1,908,195; May 9.
- Machine for grading and sorting according to weight. M. Redlinger. 1,913,042; June 6.
- Machine for grading eggs. W. Hilgers. 1,908,843; May 16.
- Machine for grading eggs by weight. R. Hamilton. 1,932,662; Oct. 31.
- Machine for grading roads and the like. N. E. Jersey. 1,915,094; June 20.
- Machine for graining lithographic plates. C. A. Beckett. 1,900,090; Mar. 7.
- Machine for graining lithographic plates. C. A. Beckett. 1,926,135; Sept. 12.
- Machine for grinding and polishing optical lenses, spectacle glasses, and the like. J. Desenberg. 1,906,050; Apr. 25.
- Machine for grinding axles or the like. V. P. Schmidt and H. A. Brenaman. 1,902,188; Mar. 21.
- Machine for grinding disk knives. F. O. Bennett. 1,914,879; June 20.
- Machine for grinding or polishing cutlery. A. V. Hague, Jr. 1,933,055; Oct. 31.
- Machine for grinding springs. R. A. Herckelboudt. 1,932,893; Oct. 31.
- Machine for grinding the edges of watch glasses. P. Reuser. 1,918,668; July 18.
- Machine for grinding the ends of cotton gin ribs. J. Behle. 1,926,577; Sept. 12.
- Machine for grooving heels. W. H. Nutt. 1,899,047; Feb. 28.
- Machine for guiding cutting or welding burners, electrodes, and like implements. A. Schmdit. 1,921,888; Aug. 8.
- Machine for handling coal and other loose material in mines. M. A. Evans. 1,917,514; July 11.
- Machine for handling ground meat in bulk units. W. Erni. 1,912,765; June 6.
- Machine for handling shingles. A. E. F. Moone. 1,915,376; June 27.
- Machine for handling strip material. A. Potdevin. 1,904,878; Apr. 18.
- Machine for handling strip material. A. Potdevin. 1,931,034; Oct. 17.
- Machine for harvesting beans and peas. A. Groenig and J. W. Woodruff. 1,894,740; Jan. 17.
- Machine for harvesting maize and similar row feed crops. J. C. Morton. 1,912,538; June 6.
- Machine for hobbing gear sectors. J. B. Sinderson. 1,935,379; Nov. 14.
- Machine for holding paper. D. E. Legge. 1,928,789; Oct. 3.
- Machine for honing and polishing crank shafts. W. F. Egger and L. A. Becker. 1,905,825; Apr. 25.
- Machine for hulling nuts and the like. O. A. Milam. 1,921,238; Aug. 8.
- Machine for impressing patterns on extruded material. P. H. Henkel. 1,932,821; Oct. 31.
- Machine for impressing patterns on materials. W. Haendel. 1,916,947; July 4.
- Machine for inserting articles in envelopes. L. J. Stocks. 1,932,052; Oct. 24.
- Machine for inserting corks into caps for collapsible tubes. J. J. Temple. 1,900,671; Mar. 7.
- Machine for inserting fastenings. J. C. Jorgensen. 1,901,167; Mar. 14.
- Machine for inspecting, splicing and rewinding motion picture film. A. C. Hayden. 1,916,311; July 4.
- Machine for issuing tickets. F. E. Langdon. 1,920,085; July 25.
- Machine for labeling and wrapping circular and angular articles. R. Hartmann. 1,907,539; May 9.
- Machine for laying off surface contours to scale. C. B. Dannenberg and H. Whittaker. 1,920,633; Aug. 1.
- Machine for lining can ends with a sealing compound. F. Krueger. 1,929,784; Oct. 10.
- Machine for lining can ends with a sealing compound. M. S. Leve. 1,912,851; June 6.
- Machine for loading bags and the like. J. Corrigan. 1,931,130; Oct. 17.
- Machine for locking seaming sheet metal. W. T. Deacon and H. F. Perkins. 1,912,128; May 30.
- Machine for making and assembling a valve pin and valve gasket support. A. J. Lewis. 1,901,459; Mar. 14.
- Machine for making and delivering sheet material articles. S. J. and B. L. Lurie. 1,911,199; May 30.
- Machine for making and filling packages. J. P. Aldrich. 1,937,501; Dec. 5.
- Machine for making and inserting basket handles. L. M. Hile. 1,900,712; Mar. 7.
- Machine for making and inserting basket handles. L. M. Hile. 1,906,795; May 2.

- Machine for making and inserting wire fasteners for basket covers. W. F. Newhouse. 1,904,384; Apr. 18.
- Machine for making articles from molten material. F. H. Lobb. 1,920,908; Aug. 1.
- Machine for making backings for artificial teeth. D. E. Evans. 1,916,101; June 27.
- Machine for making bats. O. R. Winter. 1,921,495; Aug. 8.
- Machine for making blanks. C. D. Knowlton. 1,924,160; Aug. 29.
- Machine for making bread or crackers. N. Barmakian. 1,911,786; May 30.
- Machine for making brushes. W. D. Lipps. 1,911,835; May 30.
- Machine for making building blocks. J. B. Newson. 1,919,801; July 25.
- Machine for making cartons. J. Van Buren. 1,903,844; Apr. 18.
- Machine for making cement blocks. J. P. Rose, Jr. 1,902,523; Mar. 21.
- Machine for making chaplets and the like. E. H. Fontaine. 1,903,668; Apr. 11.
- Machine for making collapsed cartons. F. G. Peck. 1,903,243; Mar. 28.
- Machine for making composite sheets. L. McCarthy. 1,901,352; Mar. 14.
- Machine for making double faced corrugated paper. W. E. Bowersock and F. J. Spiess. 1,914,071; June 13.
- Machine for making endless belts. C. C. Gates. 1,911,185; May 30.
- Machine for making, filling, and closing bags, Combined. F. Gangler. 1,904,131; Apr. 18.
- Machine for making friction elements. H. N. Smith. 1,907,600; May 9.
- Machine for making friction elements. H. N. Smith. 1,920,023; July 25.
- Machine for making frozen confections. R. T. Cobb. 1,936,584; Nov. 28.
- Machine for making garment hangers. J. D. Coney. 1,906,741; May 2.
- Machine for making glass stoppers and the like. J. E. Collins. 1,904,977; Apr. 18.
- Machine for making ice cream cones. B. Shivek. 1,906,640; May 2.
- Machine for making knitted fabric. A. E. Page and H. Swinglewurst. 1,906,204; Apr. 25.
- Machine for making marking tags. S. Weiss. 1,913,694; June 13.
- Machine for making metal binding strips. W. Wakefield. 1,931,420; Oct. 17.
- Machine for making packing material. A. E. F. Moore. 1,924,873; Aug. 29.
- Machine for making panel cork stock from mill clippings and the like. J. L. Herzog. 1,901,598; Mar. 14.
- Machine for making paper boxes. H. Carle. 1,915,921; June 27.
- Machine for making pasteboard boxes. J. H. Stortz. 1,899,652; Feb. 28.
- Machine for making patterned hosiery, Automatic. A. E. Page. 1,920,427; Aug. 1.
- Machine for making photographic contact prints. H. C. Jones. 1,914,130; June 13.
- Machine for making plastic material. L. X. Garfunkel. 1,911,017; May 23.
- Machine for making reinforced sheet materials. G. Chadwick. 1,914,801; June 20.
- Machine for making resistance elements. V. P. Clear. 1,936,934; Nov. 28.
- Machine for making rings. M. Wimer. 1,933,834; Nov. 7.
- Machine for making roofing tiles and like articles. O. Walter. 1,927,249; Sept. 19.
- Machine for making sanitary napkins. E. J. O'Neill. 1,935,518; Nov. 14.
- Machine for making sanitary napkins. E. J. O'Neill. 1,940,182; Dec. 19.
- Machine for making saw blades. H. Lundquist. 1,932,223; Oct. 24.
- Machine for making sector-shaped pies and matrix therefor. T. M. Mears. 1,937,290; Nov. 28.
- Machine for making spiral pipe. W. Tesmer. 1,939,581; Dec. 12.
- Machine for making square-bottomed paper bags with stepwisely fed paper tubes. F. Hölscher. 1,914,019; June 13.
- Machine for making steel wool. W. A. Steinbart. 1,907,453; May 9.
- Machine for making stereotype-matrices. D. H. Fleming. 1,914,497; June 20.
- Machine for making tire bead cores. H. D. Stevens. 1,927,811; Sept. 19.
- Machine for making well screens from metallic tubes. E. E. Johnson. 1,913,760; June 13.
- Machine for making windowed receptacles. R. H. Fluegge. 1,894,259; Jan. 17.
- Machine for making wire cable. J. C. Damon. 1,899,559; Feb. 28.
- Machine for making wire fabric. A. Bradley. 1,936,931; Nov. 28.
- Machine for making wire garment hangers. D. S. Boyles. 1,941,430; Dec. 26.
- Machine for manufacturing boxes. B. A. E. Johnson. 1,901,750; Mar. 14.
- Machine for manufacturing ceramic objects. T. F. Mooney. 1,899,974; Mar. 7.
- Machine for manufacturing confections. L. G., H. E., and E. R. James. 1,893,673; Jan. 10.
- Machine for manufacturing dry cells. E. Schmidt. 1,899,114; Feb. 28.
- Machine for manufacturing filter ribbon. P. B. Renfrew. 1,896,122; Feb. 7.
- Machine for manufacturing hollow rotary elements from circular blanks of sheet metal. C. Schmidt. 1,896,426; Feb. 7.
- Machine for manufacturing spirally wound straws or tubes. J. Balton. 1,911,298; May 30.
- Machine for marking partially finished lens blanks. E. M. Long. 1,929,534; Oct. 10.
- Machine for measuring body volume. D. E. Zook. 1,901,687; Mar. 14.
- Machine for mechanically finishing roadway concrete coverings. J. A. H. Fedl. 1,912,976; June 6.
- Machine for mending knitted fabrics. L. P. Briley. 1,928,168; Sept. 26.
- Machine for milling threads. P. P-G. Hall. 1,899,865; Feb. 28.
- Machine for moistening and cooling yarns and fabrics. P. W. Custers. 1,914,488; June 20.
- Machine for molding and compressing plastic substances. E. B. Elton. 1,928,372; Sept. 26.
- Machine for molding and pressing bricks or blocks. C. M. Eberling. 1,922,474; Aug. 15.
- Machine for molding articles. H. Sharpe. 1,919,807; July 25.
- Machine for molding briquettes and the like. E. S. Grafenstatt and C. F. Westberg. 1,911,019; May 23.
- Machine for molding glass pieces. O. K. Stephen. 1,907,410; May 2.
- Machine for notching statistical cards. I. G. Rumpfelt. 1,922,869; Aug. 15.
- Machine for opening, filling, and closing bags. G. I. Hohl. 1,914,869; June 20.
- Machine for operating on lasts. E. A. Holmgren. 1,905,356; May 9.
- Machine for operating on plastic materials. J. W. West. 1,922,563; Aug. 15.
- Machine for operating on sheet material. M. D. Phelan. 1,912,495; June 6.
- Machine for operating on shoe parts. E. F. Schmidt. 1,898,144; Feb. 21.
- Machine for operating on shoes. J. C. Jorgensen. 1,911,449; May 30.
- Machine for operating on straps. E. Zwanzig. 1,935,827; Nov. 21.
- Machine for operating on tennis shoes. E. W. Stacey. 1,903,849; Apr. 18.
- Machine for operating relooping tools. M. Vitoux. 1,897,452; Feb. 14.
- Machine for operating upon a ticket strip. F. W. Laencher. 1,897,201; Feb. 14.
- Machine for operating upon fruits and vegetables. J. H. Stansbury. 1,938,613; Dec. 12.
- Machine for operating upon hides, skins, and leather. P. R. Greist and H. A. Ballard. 1,908,342; May 9.
- Machine for operating upon hides, skins, leather and other similar pieces of work. J. H. Connor. 1,938,278; Dec. 5.
- Machine for operating upon lasts. I. C. Buckminster. 1,938,689; Dec. 12.
- Machine for operating upon shoes. A. A. Lawson. 1,914,442; June 20.
- Machine for operating upon the end portions of shoes. W. C. Baxter. 1,896,153; Feb. 7.
- Machine for operating upon the heel-portion of shoes. E. R. Pope. 1,895,896; Jan. 31.
- Machine for packaging articles. J. A. McEntee and R. Pelletier. 1,927,518; Sept. 19.
- Machine for packaging cigarettes and other staff-shaped articles. G. Öström. 1,928,541; Sept. 26.
- Machine for packing cigarettes. W. E. Molins and G. D. Horgan. 1,899,898; Feb. 28.
- Machine for packing matches. J. C. Donnelly. 1,898,717; Feb. 21.
- Machine for packing matches. M. Paridon. 1,923,950; Aug. 22.
- Machine for pasting webs of paper together. J. A. Lowe. 1,902,713; Mar. 21.
- Machine for perforating slow emulsion films while they are being shown on the screen. J. M. J. Delafon. 1,904,301; Apr. 18.
- Machine for placing articles of flat or oblong cross-section side-by-side in an oblique position. J. Neff. 1,927,647; Sept. 19.
- Machine for placing labels on articles. J. Van Buren. 1,940,982; Dec. 26.
- Machine for placing plastic materials. C. G. Milburn. 1,920,443; Aug. 1.
- Machine for plastic material. L. X. Garfunkel. 1,911,016; May 23.
- Machine for plasticating materials. W. A. Gordon. 1,935,050; Nov. 14.
- Machine for plucking and stubbing birds. G. C. Bingham. 1,923,415; Aug. 22.
- Machine for precision grinding. R. A. Cole and A. G. Belden. 1,911,553; May 30.
- Machine for preparation of printer's copy. C. A. Belash. 1,907,234; May 2.
- Machine for preparing artificial manures. E. M. Poirot. 1,900,615; Mar. 7.

- Machine for pressing slabs for rolling. F. C. Biggert, jr. 1,932,504; Oct. 31.
- Machine for pressing soles upon shoes and pad therefor. M. H. Ballard. 1,897,105; Feb. 14.
- Machine for pressing sound records and the like. W. Somner. 1,916,996; July 4.
- Machine for printing round cans in multiple colors. M. H. Sidebotham. 1,904,332; Apr. 18.
- Machine for printing webs. M. Stoessel. 1,934,776; Nov. 14.
- Machine for producing bars of butter or like materials. H. A. Morris. 1,914,701; June 20.
- Machine for producing bias weave fabric. R. S. Seddon. 1,896,596; Feb. 7.
- Machine for producing blood sausage or the like. M. L. Petit. 1,928,571; Sept. 26.
- Machine for producing candy confection. L. G., H. E., and E. R. James. 1,893,672; Jan. 10.
- Machine for producing gummed web. A. S. Webster. 1,899,655; Feb. 28.
- Machine for producing justified groups of impressions. H. B. Hough. 1,939,702; Dec. 19.
- Machine for producing printing plates. W. Howey. 1,914,258; June 13.
- Machine for producing strip moldings. W. Jaquiere. 1,905,640; Apr. 25.
- Machine for producing wall board. J. Dean. 1,908,658; May 9.
- Machine for pulling plants. H. A. Sadler. 1,919,396; July 25.
- Machine for putting wax carbon spots on paper. A. B. Roe. 1,938,861; Dec. 12.
- Machine for recording and reproducing sound motion pictures. J. O. Kleber. 1,937,089; Nov. 28.
- Machine for refining paper stock and pulp. W. H. Hermann. 1,908,842; May 16.
- Machine for refinishing roads. L. Swearingen. 1,938,755; Dec. 12.
- Machine for removing and sifting ashes. G. J. Streib. 1,922,223; Aug. 15.
- Machine for repairing runs in fabric. P. Pfeiffer. 1,939,918; Dec. 19.
- Machine for repairing runs in hosiery and knitted fabric. P. Pfeiffer. 1,939,919; Dec. 19.
- Machine for reproducing cinematographic films. A. Oswald. 1,897,274; Feb. 14.
- Machine for resistance electric welding. J. Achard. 1,935,343; Nov. 14.
- Machine for riveting, punching, pressing, stamping, and like operations. A. N. Jackson. 1,940,304; Dec. 19.
- Machine for rolling rings. F. im Schlaa. 1,904,734; Apr. 18.
- Machine for rolling sheet metal plates. A. Rafter. 1,938,932; Dec. 12.
- Machine for rolling sheet metal shapes. A. Rafter. 1,925,542; Sept. 5.
- Machine for rolling sheet metal shapes. A. Rafter. 1,927,501; Sept. 19.
- Machine for rolling tubular products. M. H. Damerell. 1,919,686; July 25.
- Machine for scraping the floor. J. W. Mellwig. 1,914,832; June 20.
- Machine for sealing. R. M. Zimmer and L. A. Hawthorne. 1,924,632; Aug. 29.
- Machine for sealing cans. H. Sebell. 1,901,266; Mar. 14.
- Machine for securing buttons to work. R. L. Lyons. 1,915,829; June 27.
- Machine for selecting and spooling yarns for Axminster looms. R. W. Homan. 1,928,724; Oct. 3.
- Machine for separating and counting coins. C. G. Graeme. 1,893,828; Jan. 10.
- Machine for serrating tubes and the like. C. F. Coda. 1,923,477; Aug. 22.
- Machine for setting rows of plants deeper. H. and F. Denstädt and M. Weichert. 1,906,139; Apr. 25.
- Machine for severing bag tubes. F. A. Agner, C. A. Haux, and R. E. Pierce. 1,931,482; Oct. 24.
- Machine for sewing bag corners. A. E. Richards. 1,916,388; July 4.
- Machine for sewing fastener tape and the like. L. Roseman. 1,905,504; Apr. 25.
- Machine for shaping cigar fillers. F. H. B. Stelzer. 1,941,192; Dec. 26.
- Machine for shaping shoe uppers. A. Bates. 1,897,037; Feb. 14.
- Machine for shaping shoe uppers. E. A. Holmgren. 1,913,445; June 13.
- Machine for shaping shoe uppers. J. C. Jorgensen. 1,896,121; Feb. 7.
- Machine for shaping shoe uppers. A. A. Macleod and S. J. Finn. 1,897,064; Feb. 14.
- Machine for shaping shoes. A. F. Pym and J. W. Johnson. 1,936,952; Nov. 28.
- Machine for shaping shoes. W. D. Thomas. 1,897,086; Feb. 14.
- Machine for shaping shoes. W. D. Thomas. 1,931,561; Oct. 24.
- Machine for shaping the backs of unbound books. C. Schramm. Re18,920; Aug. 22.
- Machine for shaping tires and inserting air bags therein. R. W. Snyder. Re18,812; May 2.
- Machine for shaping uppers over lasts. G. Goddu. 1,915,306; June 27.
- Machine for shaping uppers over lasts. G. Goddu. 1,916,263; July 4.
- Machine for shaping uppers over lasts. A. E. Lindblad. 1,927,941; Sept. 26.
- Machine for shaping uppers over lasts. J. M. Matheu. 1,916,275; July 4.
- Machine for shaping uppers over lasts. W. T. B. Roberts. 1,921,099; Aug. 8.
- Machine for shaping wire-drawing dies. A. Simons. 1,928,440; Sept. 26.
- Machine for sharpening gear cutters. S. H. Earl. 1,908,476; May 9.
- Machine for sharpening razor blades. A. A. Kohlmler. 1,918,111; July 11.
- Machine for sharpening screwing taps and the like. H. W. and P. Hunt. 1,902,240; Mar. 21.
- Machine for shaving and slotting screws. F. E. Newton. 1,901,405; Mar. 14.
- Machine for shaving sound record tablets. C. Huenlich and H. F. M. Gramann. 1,937,275; Nov. 28.
- Machine for slicing meat containing bones. C. F. M. van Berkel. 1,907,620; May 9.
- Machine for slotting heels. W. H. Nutt. 1,904,323; Apr. 18.
- Machine for sorting, counting, and packing coins. S. Chiger. 1,925,521-2; Sept. 5.
- Machine for sorting perforated cards. K. A. Knutsen. 1,916,801; July 4.
- Machine for sorting statistical cards. A. Thomas and E. Mowbray. 1,926,216; Sept. 12.
- Machine for sowing seeds. O. Czeczowiczka. 1,914,848; June 20.
- Machines for spinning, Preparing. E. Fiévet. 1,927,340; Sept. 19.
- Machine for spirally advancing cylindrical bodies. R. C. Boughton. 1,911,601; May 30.
- Machine for stacking and arranging biscuits and the like. J. C. Paterson and G. R. Baker. 1,921,580; Aug. 8.
- Machine for steeping pelts. M. Bloch. 1,893,758; Jan. 10.
- Machine for straightening and shearing long stock. F. C. Hutchinson. Re18,715; Jan. 17.
- Machine for striping. C. W. Steele. 1,919,386; July 25.
- Machine for tentering and drying fabrics. E. Prat. 1,924,255; Aug. 29.
- Machine for the calculation of reinforced concrete. W. Sabatini. 1,898,398; Feb. 21.
- Machine for the manufacture of laminated fibrous pulleys. G. R. Fox. 1,919,694; July 25.
- Machine for the manufacture of mouthpiece plugs and for their insertion in cigarette tubes. F. Lerner. 1,906,798; May 2.
- Machine for the manufacture of sheet metal tubes and other tubular members. K. Breitenbach. 1,915,257; June 20.
- Machine for the manufacturing and smoothing of rods. M. Etchart. 1,932,092; Oct. 24.
- Machine for the printing of positive bichromate films. F. de Lesseps. 1,937,814; Dec. 5.
- Machine for the production of cinematograph and other films. J. E. Thornton. 1,915,560; June 27.
- Machine for the purpose of detecting pink boll worm infestation in gin trash. R. E. McDonald and G. Scholl. 1,937,315; Nov. 28.
- Machine for the separation and formation of the filler of cigar bunches. F. Gransted. 1,905,586; Apr. 25.
- Machine for threading auger bit lead screws. J. A. Arenz. 1,910,420; May 23.
- Machine for treating bat bodies. G. W. Cuming. 1,902,118; Mar. 21.
- Machine for treating heels. G. H. Heys. 1,928,689; Oct. 3.
- Machine for treating pile fabrics. E. F. Clark. 1,908,957; May 16.
- Machine for treating pipes and the like. H. L. Harrison. 1,941,002; Dec. 26.
- Machine for treating seams. B. Kozmer. 1,934,431; Nov. 7.
- Machine for trimming the printing faces of type bars or slugs. J. C. Plastaras. 1,934,140; Nov. 7.
- Machine for truing tile. A. Happel. 1,920,076; July 25.
- Machine for uniting looped fabrics. G. Vagler. 1,923,005; Aug. 15.
- Machine for uniting strips of floor covering or the like to present a seamless upper surface. F. H. Higgins. 1,924,551; Aug. 29.
- Machine for uniting strips of floor covering, or the like, to present a seamless upper surface. W. M. Spring. 1,924,523; Aug. 29.
- Machine for use in making boxes. A. L. Rosenmund. 1,933,031; Oct. 31.
- Machine for use in operating upon the bottoms of boots and shoes. R. H. Lawson. 1,907,837; May 9.
- Machine for use in painting small objects. C. A. Schacht. 1,937,439; Nov. 28.
- Machine for use in scouring either wool and other animal fibers or vegetable fibres. E. V. Hayes-Gratze. 1,914,599; June 20.
- Machine for use in the manufacture of shoes. R. H. Lawson. 1,923,154; Aug. 22.
- Machine for use in the manufacture of shoes. A. R. Morrill. 1,911,283; May 30.
- Machine for vacuum sealing. J. J. Williams. 1,904,842; Apr. 18.
- Machine for washing and screening materials. H. C. Seitz. 1,897,624; Feb. 14.

- Machine for washing cans and the like. J. M. McClatchie. 1,914,144-6; June 13.
- Machine for washing glasses and other receptacles. C. J. De Forest. 1,921,509; Aug. 8.
- Machine for weighing and packing powdered material. A. Andreas. 1,913,868; June 13.
- Machine for winding disk coils. H. Dersen. 1,941,391; Dec. 26.
- Machine for winding paper belts. J. H. A. Kruiemel. 1,919,518; July 25.
- Machine for working, molding, and shaping dough. J. N. Schröder. 1,903,572; Apr. 11.
- Machine for working wheel, roller, and the like blanks. J. Rosenbaum. 1,924,962; Aug. 29.
- Machine for working wire cloth. N. W. Webb. 1,917,624; July 11.
- Machine for wrapping articles. J. Wichner. 1,907,693; May 9.
- Machine for wrapping packages. J. V. Nelson. 1,905,489; Apr. 25.
- Machine for wrapping tire beads. J. Derry. 1,935,239; Nov. 14.
- Machine guard. H. Hackett. 1,929,687; Oct. 10.
- Machine gun mount for aircraft. C. G. Trimbach. 1,902,107; Mar. 21.
- Machine having pistons and cylinders arranged around a circumference. J. Dap. 1,940,049; Dec. 19.
- Machine, Material mixing. A. W. Allen. 1,918,234; July 18.
- Machine, Multiple head automatic drilling. G. Swahnberg and E. J. Kingsbury. 1,918,150; July 11.
- Machine-prime mover power unit and assembling and dismantling the same, Rotary. W. B. Tucker. 1,923,126; Aug. 22.
- Machine support, Pipe bending. G. Lidseen. 1,899,280; Feb. 28.
- Machine switching for printer concentrator circuits. W. B. Blanton. 1,928,586; Sept. 26.
- Machine table. H. E. Tautz. 1,938,549; Dec. 5.
- Machine table extension. H. E. Tautz. 1,938,548; Dec. 5.
- Machine to assemble bolt flanges in hub shells and pierce eight rivet holes. H. Tormyn and F. F. Weiethoff. 1,930,258; Oct. 10.
- Machine to pierce and countersink forty holes in a wheel rim. H. Tormyn and F. F. Weiethoff. 1,930,259; Oct. 10.
- Machine tool. W. D. Archea. 1,901,489; Mar. 14.
- Machine tool. C. A. Bickel. 1,929,270; Oct. 3.
- Machine tool. C. A. Bickel. 1,931,157; Oct. 17.
- Machine tool. C. A. Bickel. 1,935,007; Nov. 14.
- Machine tool. C. A. Bickel. 1,937,400; Nov. 28.
- Machine tool. G. R. Blauvelt. 1,898,285; Feb. 21.
- Machine tool. R. N. Brown. 1,902,012; Mar. 21.
- Machine tool. C. B. De Vlieg. 1,912,033; May 30.
- Machine tool. F. Eisele. 1,908,478; May 9.
- Machine tool. W. M. Fairbairn. 1,917,831; July 11.
- Machine tool. H. Fritsch. 1,938,761; Dec. 12.
- Machine tool. W. F. Groene. 1,934,530; Nov. 7.
- Machine tool. W. F. Groene. 1,938,696; Dec. 12.
- Machine tool. A. M. Johnson. 1,922,246; Aug. 15.
- Machine tool. A. M. Johnson and W. M. Fairbairn. 1,909,766-7; May 16.
- Machine tool. J. R. Johnson. 1,937,408; Nov. 28.
- Machine tool. E. J. Kearney and J. B. Armitage. 1,892,894; Jan. 3.
- Machine tool. E. J. Kearney and J. B. Armitage. 1,903,114; Mar. 28.
- Machine tool. L. F. Nenninger and W. D. Archea. 1,932,374; Oct. 24.
- Machine tool. A. Oberhoffen. 1,902,179; Mar. 21.
- Machine tool. J. L. Perkins. 1,936,731; Nov. 28.
- Machine tool. M. Romaine. 1,938,734; Dec. 12.
- Machine tool. C. L. Schulte. 1,938,768; Dec. 12.
- Machine tool. F. E. Stratton. 1,899,362; Feb. 28.
- Machine tool. H. M. Svebelius. 1,910,649; May 23.
- Machine tool. K. Tessky. 1,910,574; May 23.
- Machine tool. J. E. Thiermann. 1,922,751; Aug. 15.
- Machine tool. H. L. Tigges. 1,917,616; July 11.
- Machine tool. R. E. Wiley and G. R. Olson. 1,913,781; June 13.
- Machine tool, Automatic. W. S. Davenport. 1,912,515; June 6.
- Machine tool carriage control. C. C. Stevens. 1,920,532; Aug. 1.
- Machine tool, Combination. K. Van Wyngaarden and J. Silekas. 1,915,139; June 20.
- Machine tool feeding apparatus. W. L. Schellenbach. 1,917,905; July 11.
- Machine tool, Hydraulically operated. E. P. Burrell. 1,914,400; June 20.
- Machine tool slide and lubricator therefor. J. R. Johnson. 1,903,865; Apr. 18.
- Machine tool, Vertical spindle. C. Knowles. 1,907,550; May 9.
- Machine with material. Apparatus for supplying a. M. Berger. 1,941,429; Dec. 26.
- Machinery for handling chassis frames. C. F. Coda. 1,923,663; Aug. 22.
- Machinery for making hollow rubber balls. W. E. Humphrey. 1,934,855; Nov. 14.
- Machinery for packing cigarettes. W. E. Molins and J. W. Chalmers. 1,926,493; Sept. 12.
- Machinery for packing cigarettes. W. E. Molins and G. D. Morgan. 1,923,637; Aug. 22.
- Machines for making clay shingles, Attachment for. J. B. Nelson and A. J. Moore. 1,931,617; Oct. 24.
- Magazine and bobbin therefor, Weft replenishing. G. A. Iron. 1,906,970; May 2.
- Magazine and book rack or the like article, Combination. J. W. H. Hamilton. Des. 88,967; Jan. 10.
- Magazine blade holder. O. W. MacFarlane. 1,938,189; Dec. 5.
- Magazine, Film. F. Michel. 1,933,562; Nov. 7.
- Magazine for machines for packing cigarettes and other staff-shaped articles. G. Öström. 1,928,736; Oct. 3.
- Magazine for moving picture cameras. J. L. Spence, jr. 1,926,703; Sept. 12.
- Magazine for rapid firearms. A. F. Gaidos. 1,921,871; Aug. 8.
- Magazine for repeating rifles. R. von Frommer. 1,913,255; June 6.
- Magazine fuse plug. O. F. Foss. 1,937,406; Nov. 28.
- Magazine or book stand. J. Paulus. 1,924,568; Aug. 29.
- Magazine, Package. E. W. Farmer. 1,895,616; Jan. 31.
- Magazine rack. J. W. Carpenter. Des. 89,626; Apr. 18.
- Magazine, Roll-holding. C. H. Joy, jr. 1,937,761; Dec. 5.
- Magazine soldering device. A. L. Johan, sr. 1,908,514; May 9.
- Magazine spooling mechanism. C. G. Offen. 1,918,285; July 18.
- Magazine talking machine. H. L. T. Buckle. 1,935,140; Nov. 14.
- Magazine-vending machine. F. A. Eldean. 1,926,436; Sept. 12.
- Magnesia from minerals, Recovery of. O. Kaselitz. 1,910,169; May 23.
- Magnesia product from mineral sources of magnesia and making same, Refined. H. N. Barrett. 1,893,047; Jan. 3.
- Magnesium alloy. A. Luschenowsky. 1,941,039; Dec. 26.
- Magnesium ammonium phosphate, Producing. H. Friedrich. 1,913,539; June 13.
- Magnesium and alloys thereof, Casting. J. A. Gann and J. B. Reid. 1,896,045; Jan. 31.
- Magnesium and high percentage magnesium alloys by rolling, Working. G. Schreiber. 1,902,905; Mar. 28.
- Magnesium and its alloys at elevated temperatures, Protecting. E. O. Barstow. 1,898,969; Feb. 21.
- Magnesium and its alloys, Improving the mechanical properties of. W. Schmidt, H. Bothmann, and J. Ruhrmann. 1,923,591-2; Aug. 22.
- Magnesium and similar chloride, Dehydrating. J. Blumenfeld. 1,940,620; Dec. 19.
- Magnesium base alloys. R. T. Wood. 1,914,588-9; June 20.
- Magnesium base alloys, Heat treating. J. A. Gann and L. B. Grant. 1,936,550; Nov. 21.
- Magnesium carbonate and manufacturing process thereof. H. W. Greider. 1,900,235; Mar. 7.
- Magnesium-cerium alloy. K. Hiege. 1,915,932; June 27.
- Magnesium chloride and making same, Powdered anhydrous. S. B. Heath. 1,896,406; Feb. 7.
- Magnesium chloride, Dehydration of. H. G. Lacell. 1,903,592; Apr. 11.
- Magnesium chloride, Manufacture of. R. E. Windecker. 1,912,469; June 6.
- Magnesium chloride, Producing anhydrous. W. Moschel. 1,933,499; Oct. 31.
- Magnesium, Processing. E. O. Barstow, J. A. Gann, and G. E. Hoy. 1,940,619; Dec. 19.
- Magnesium, Purifying. E. O. Barstow and J. A. Gann. 1,940,618; Dec. 19.
- Magnesium sulphate, Obtaining. H. E. Stump. 1,900,392; Mar. 7.
- Magnet. G. Engle. 1,934,345; Nov. 7.
- Magnet core. P. N. Roseby. 1,932,639; Oct. 31.
- Magnet, Electric. R. H. Bahney. 1,937,216; Nov. 28.
- Magnet, Permanent. F. H. Batt. 1,923,047; Aug. 15.
- Magnet, Permanent. W. Köster. 1,928,382; Sept. 26.
- Magnet, Rotary field. O. T. Blathy. 1,911,790; May 30.
- Magnet support for lamps, Permanent. E. R. Piercy. 1,932,143; Oct. 24.
- Magnet, Water and air cooled electro. F. R. Johnson. 1,929,187; Oct. 3.
- Magnetic automotive brake. V. Bendix and V. G. Apple. 1,895,965; Jan. 31.
- Magnetic bodies, Producing. L. M. Hollingsworth. 1,904,233; Apr. 18.
- Magnetic brake. C. J. Coberly and E. S. Croasdale. 1,929,914; Oct. 10.
- Magnetic clutch. C. E. L. Lipman. 1,911,960; May 30.
- Magnetic core. H. M. Aclay. 1,935,426; Nov. 14.
- Magnetic core. A. O. Austin. 1,910,227; May 23.
- Magnetic curves, Method and apparatus for photographing. H. Lehde. 1,901,876; Mar. 21.
- Magnetic damping apparatus for precision balances. J. Gattoni. 1,937,723; Nov. 28.
- Magnetic detector. V. F. Shaw. 1,906,820; May 2.
- Magnetic die. I. P. Simonsen and A. C. Huston. 1,895,401; Jan. 24.
- Magnetic fields, Apparatus for measuring. E. Brüche. 1,895,373; Jan. 24.
- Magnetic fluid gauge. A. Briggs. 1,922,273; Aug. 15.
- Magnetic induction machine. E. White. 1,937,213; Nov. 28.
- Magnetic lock. D. J. Slattery. 1,933,126; Oct. 31.
- Magnetic material. H. Scholz. 1,919,806; July 25.
- Magnetic materials in powdered form, Production of. E. E. Schumacher and W. C. Ellis. 1,915,386; June 27.

- Magnetic materials, Producing. A. F. Bandur and H. M. E. Heinicke. 1,930,919; Oct. 17.
- Magnetic motor. J. G. Buckelshaus. 1,932,146; Oct. 24.
- Magnetic orienter for well core barrels. O. A. Cavins. 1,935,078; Nov. 14.
- Magnetic plate attachment for planographic presses. J. S. Fleming. 1,939,681; Dec. 19.
- Magnetic plates from electrolytic iron, Producing. F. Pawlek. 1,916,015; June 27.
- Magnetic separating device. R. H. Stearns. 1,934,742; Nov. 14.
- Magnetic separator. H. W. Harman. 1,915,259; June 20.
- Magnetic separator. C. E. Nicolet. 1,897,763; Feb. 14.
- Magnetic separator. C. E. Nicolet. 1,933,995; Nov. 7.
- Magnetic structure. H. E. Kennedy. 1,892,956; Jan. 3.
- Magnetic switch. W. F. Hurlburt. 1,904,141; Apr. 18.
- Magnetic switch. J. H. Pengilly, L. G. Maechtlen, and E. Miller. 1,936,098; Nov. 21.
- Magnetic testing. A. V. de Forest. 1,906,551; May 2.
- Magnetic testing. F. E. Haworth. 1,907,105; May 2.
- Magnetic testing of masses. C. Kinsley. 1,910,770; May 23.
- Magnetic tests, Apparatus for making. P. C. Hermann. 1,925,872; Sept. 5.
- Magnetic valve. W. W. McLaren. 1,903,902; Apr. 18.
- Magnetic valve. B. Walker and H. E. Kennedy. 1,892,917; Jan. 3.
- Magnetically operated switch. G. O. Wilms. 1,931,914; Oct. 24.
- Magnets, Electric machine. E. E. Hoffman. 1,906,065; Apr. 25.
- Magneto. A. Egli. 1,909,395; May 16.
- Magneto. K. A. Harmon. 1,904,308; Apr. 18.
- Magneto. T. G. Louis. 1,911,762; May 30.
- Magneto. T. G. Louis. 1,932,978; Oct. 31.
- Magneto. J. F. Martin. 1,893,840; Jan. 10.
- Magneto. E. B. Nowosielski. 1,921,427; Aug. 8.
- Magneto. E. B. Nowosielski. 1,935,127; Nov. 14.
- Magneto. C. F. Reis. 1,918,562; July 18.
- Magneto. E. F. Weston. 1,937,677; Dec. 5.
- Magneto distributor construction. G. J. Lang. 1,892,802; Jan. 3.
- Magneto-electric generation of alternating currents for sound production, Device for the. W. Lenk. 1,941,036; Dec. 26.
- Magneto-electric generator. E. B. Nowosielski. 1,927,715; Sept. 19.
- Magneto-electric machine, High tension. F. Strickland. 1,938,262; Dec. 5.
- Magneto-fly-wheel. J. Mikulasek. 1,932,797; Oct. 31.
- Magneto rotor. C. F. Reis. 1,938,040; Dec. 5.
- Magneto timing indicator. J. F. Martin. 1,902,655; Mar. 21.
- Magnifier, Portable. O. Hauser. 1,900,930; Mar. 14.
- Magnifying and illuminating device. H. A. Conners. 1,909,662; May 16.
- Magnifying device. F. B. Foster. 1,936,712; Nov. 28.
- Magnifying device. E. L. Lehman. 1,925,393; Sept. 5.
- Mail and other matter on aeroplanes while in motion, Receiving. H. F. Stilwell. 1,911,248; May 30.
- Mail bag. J. L. de Givre. 1,902,764; Mar. 21.
- Mail bag ejecting device. D. B. Dodson. 1,897,552; Feb. 14.
- Mail bag transfer, Air. L. Beesley and C. C. Williams. 1,925,171; Sept. 5.
- Mail box. E. W. Bowers. 1,895,912; Jan. 31.
- Mail box. C. Craft and J. A. Mutch. 1,915,980; June 27.
- Mail box. F. P. Evans. 1,929,734; Oct. 10.
- Mail-box. J. Helm. 1,914,636; June 20.
- Mail box. C. F. Oestman and S. W. Nelson. 1,908,173; May 9.
- Mail box post, Revolving. J. S. Black. 1,893,392; Jan. 3.
- Mail box signal. F. O. Black. 1,925,227; Sept. 5.
- Mail box signal. F. O. Black and W. A. Lucas. 1,929,965; Oct. 10.
- Mail box signal. A. L. Davis and J. H. Hawkins. 1,927,736; Sept. 19.
- Mail handling apparatus. A. F. Martel. 1,941,015; Dec. 26.
- Mail handling or transfer apparatus. G. W. and G. M. Lange. 1,925,698; Sept. 5.
- Mail pouch catching and delivering means. I. J. Lane. 1,894,315; Jan. 17.
- Mail separating and facing apparatus. D. G. Werner. 1,897,093; Feb. 14.
- Mailing device. J. A. Falvey. 1,918,384; July 18.
- Mailing pocket for mail chutes. H. E. Pruss and L. R. Steinberg. 1,932,987; Oct. 31.
- Mainspring for watches, clocks, etc. A. J. Anderson. 1,922,921; Aug. 15.
- Make-up system. A. B. Blome. 1,931,976; Oct. 24.
- Mallet, Ball striking. E. E. Hosier. 1,930,477; Oct. 17.
- Mallet, Pony polo. H. P. Nelson. 1,902,660; Mar. 21.
- Malt and malt mixture, Mashing. P. de G. Beaubien, J. F. Schneider, and F. M. Dupont. 1,896,658; Feb. 7.
- Malt extract, Manufacture of. L. H. Clark. 1,920,461; Aug. 1.
- Manhole and cover. O. T. Dougherty. 1,892,830; Jan. 3.
- Manhole closure. F. G. Thwaites. 1,929,761; Oct. 10.
- Manhole cover. H. C. Ellis. 1,898,871; Feb. 21.
- Manhole cover. O. N. Gredell. 1,899,565; Feb. 28.
- Man-hole frame and cover. D. C. Mulvihill. 1,926,595; Sept. 12.
- Manhole protector. C. W. Manz. 1,908,909; May 16.
- Manhole structures, Making. J. H. Taylor. 1,937,604; Dec. 5.
- Mandrel. H. T. Battin. 1,906,513; May 2.
- Mandrel. W. A. Gibbons and H. T. Battin. 1,907,535; May 9.
- Mandrel. T. L. Hughes and A. E. Twist, jr. 1,921,125; Aug. 8.
- Mandrel. W. M. Robinson. 1,921,584; Aug. 8.
- Mandrel, Collapsible. L. Cammen. 1,929,673; Oct. 10.
- Mandrel, Expanding. H. R. Crane. 1,918,522; July 18.
- Mandrel, Expanding. H. T. Mattern and C. Lindstrom. 1,921,316; Aug. 8.
- Mandrel, Flexible. G. M. Eaton. 1,937,644; Dec. 5.
- Mandrel for box making machines. B. A. E. Johnson. 1,917,126; July 4.
- Mandrel for can shaping machines. C. Hansen. 1,932,584; Oct. 31.
- Mandrel for hollow crank shafts. H. H. Miner. 1,902,176; Mar. 21.
- Mandrel handling machine. H. R. Judson. 1,911,899; May 30.
- Manganates in the production of tri-alkali phosphates from ferrophosphorus, Elimination of. G. Klein. 1,939,305; Dec. 12.
- Manganese dioxide. L. G. Jenness. 1,937,488; Nov. 28.
- Manganese ore treatment. N. A. Laury. 1,932,413; Oct. 31.
- Manganese ores, Concentrating. A. J. Weinig. 1,911,865; May 30.
- Manganese resinate. P. S. Miller. 1,894,113; Jan. 10.
- Manganese values, Recovering. W. Bradley. 1,937,508; Dec. 5.
- Manicure implement. I. S. Gardiner. 1,925,140; Sept. 5.
- Manicuring device. M. H. Gallagher. 1,915,305; June 27.
- Manicuring device. M. C. Wolf. 1,905,976; Apr. 25.
- Manicuring, Device for. G. E. Nerney. 1,909,376; May 16.
- Manicuring method and means. H. B. Snider. 1,900,028; Mar. 7.
- Manicuring set. L. Snyder. 1,928,035; Sept. 26.
- Manifold. T. J. Fowler. 1,898,825; Feb. 21.
- Manifold. C. L. McCuen. 1,913,497; June 13.
- Manifold and valve for hydraulic hoists, Invertible. F. Biszantz. 1,893,124; Jan. 3.
- Manifold attachment for internal combustion engines. F. F. W. Doering. 1,895,789; Jan. 31.
- Manifold attachment for internal combustion engines. F. F. W. Doering. 1,923,357; Aug. 22.
- Manifold bill book. R. L. Connor. 1,938,448; Dec. 5.
- Manifold construction. E. E. Huntington. 1,899,690; Feb. 28.
- Manifold for internal-combustion engines. F. E. Aseltine. 1,926,019; Sept. 12.
- Manifold for internal combustion engines. R. Suczek. 1,912,047; May 30.
- Manifold for internal combustion engines, Air. C. C. Steffel. 1,893,183; Jan. 3.
- Manifold for motors, Intake. A. E. Kuehn. 1,893,502; Jan. 10.
- Manifold forms, Method and apparatus for making. F. B. Cole. 1,938,447; Dec. 5.
- Manifold, Hot spot. G. M. Holley. 1,896,085; Feb. 7.
- Manifold, Hot spot. T. J. Little. 1,940,628; Dec. 19.
- Manifold, Intake. W. J. Bliffert. 1,900,272; Mar. 7.
- Manifold, Intake. A. Moore. 1,901,763; Mar. 14.
- Manifold, Intake. C. E. Summers. 1,916,500; July 4.
- Manifold, Electrical. J. Q. Sherman and A. W. Metzner. 1,896,032; Jan. 31.
- Manifolding. A. A. Johnson. 1,902,128; Mar. 21.
- Manifolding. A. A. Johnson. 1,915,533; June 27.
- Manifolding. A. A. Johnson. 1,922,296; Aug. 15.
- Manifolding apparatus. F. B. Cole. 1,906,542; May 2.
- Manifolding device. E. K. Bottle. 1,910,424; May 23.
- Manifolding device. E. K. Bottle. 1,910,517; May 23.
- Manifolding device. G. O. Degener. 1,917,100; July 4.
- Manifolding device. G. O. Degener. 1,917,635; July 11.
- Manifolding device for typewriters. J. S. Fleming. 1,924,048; Aug. 22.
- Manifolding machine. W. G. Borchers. 1,916,164; June 27.
- Manifolding machine. W. G. Borchers. 1,930,447; Oct. 10.
- Manifolding machine. H. W. Carroll, jr. 1,938,317; Dec. 5.
- Manifolding machine. W. Ritzerfeld. 1,902,293; Mar. 21.
- Manifolding machine. J. Q. Sherman and A. W. Metzner. 1,894,065; Jan. 10.
- Manifolding machine. M. C. Stern and F. E. Pfeiffer. 1,922,114; Aug. 15.
- Manifolding material. L. M. Snyder. 1,904,650; Apr. 18.
- Manifolding record machine. E. C. Borchardt. 1,895,021; Jan. 24.
- Manifolding sales pad. T. Rudolph. 1,939,793; Dec. 19.
- Manifolds, Forming. W. L. Engshauser. 1,906,953; May 2.
- Manipulating mechanism. F. J. Burns. 1,928,811; Oct. 3.
- Manograph, Mechanical. P. Lanham. 1,935,508; Nov. 14.
- Manometer. G. P. Luckey. 1,939,559; Dec. 12.
- Manometer, Direct reading. M. O. Jensen. 1,922,049; Aug. 15.
- Manometers. S. S. Amdursky. 1,905,782; Apr. 25.
- Manometric apparatus. G. C. Boulitte. 1,924,104; Aug. 29.
- Mantle head. W. B. Engh. 1,906,255; May 2.
- Mantle protector. E. G. Koebnick. 1,929,698; Oct. 10.

- Mantle support. C. W. Davis. 1,906,316; May 2.
Manually operated press. P. J. Kearney. 1,920,750; Aug. 1.
- Manure, Manufacture of a carbon dioxide. D. Witt. 1,917,680; July 11.
- Manures containing ammonium nitrate, Preparation of mixed. S. Ruosch. 1,895,733; Jan. 31.
- Manures, Preparing artificial. E. M. Poirot. 1,900,614; Mar. 7.
- Manway for pressure vessels, Welded. T. McL. Jasper. 1,924,121; Aug. 29.
- Map. R. L. Morse. 1,895,937; Jan. 31.
- Map and indicator. D. Grace. 1,933,054; Oct. 31.
- Map, Combined shade and guide. J. Moricca. 1,920,099; July 25.
- Map device, Aeroplane. D. H. Norvell. 1,923,113; Aug. 22.
- Map display device for motor vehicles. W. Wagner. 1,902,884; Mar. 28.
- Map holder. C. E. Benedict. 1,899,845; Feb. 28.
- Map holder. C. W. Croes. 1,930,307; Oct. 10.
- Map, Zigzag folding. E. Sanwald. 1,921,332; Aug. 8.
- Maps from contour maps, Device for making relief. P. A. Shaver. 1,907,250; May 2.
- Maps from photographs, Making. L. J. R. Holst. 1,894,953; Jan. 24.
- Maps, Making. E. H. Cahill. 1,910,425; May 23.
- Maps, Making topographical. D. H. Nelles and J. O. Fortin. 1,937,711; Dec. 5.
- Marble and making the same, Synthetic resin resembling natural. O. Pantke. 1,909,789; May 16.
- Marble or stone, Artificial. H. Ziegler. 1,935,535; Nov. 14.
- Marble shooter. C. H. Augustine. 1,931,340; Oct. 17.
- Marble working machine. T. P. Silvester. 1,905,190; Apr. 25.
- Marbleized surfaces on composite building materials, Reproducing. E. C. Loetscher. 1,931,667; Oct. 24.
- Marcel wave in hair, Retaining a. H. Siegel. 1,925,009; Aug. 29.
- Marcel waver. K. Leuser. 1,927,709; Sept. 19.
- Marcelling device. M. and J. Frank. 1,904,043; Apr. 18.
- Margarine and producing the same. B. R. Harris. 1,917,254; July 11.
- Margarine, Manufacturing. M. C. Reynolds. 1,917,273; July 11.
- Margin regulator for typewriters. W. Woodfine. 1,916,905; July 4.
- Marine boiler. G. Lasker. 1,919,521; July 25.
- Marine lamp. L. E. Perkins. 1,934,947; Nov. 14.
- Marine propeller. S. Crump. 1,917,503; July 11.
- Marine propulsion device. J. H. Pierce. 1,910,561; May 23.
- Marine steering mechanism. C. M. Witte. 1,916,597; July 4.
- Marionette control frame and cord wind-up. S. Adler and C. B. Blank. 1,902,983; Mar. 28.
- Marker. R. Burton. 1,894,155; Jan. 10.
- Marker. C. H. White. 1,911,218; May 30.
- Marker and dater. E. H. Carpenter. 1,929,304; Oct. 3.
- Marker and flower holder. S. F. Britton. 1,924,149; Aug. 29.
- Marker, Athletic field line. H. J. Ryan. 1,940,606; Dec. 19.
- Marker attachment for typewriters. C. A. McGlennon. 1,917,727; July 11.
- Marker, construction form, and screed, Street. J. J. Tranchell. 1,922,462; Aug. 15.
- Marker, Court and traffic. G. L. Lane. 1,931,848; Oct. 24.
- Marker for baskets, trays, and the like. J. K. Grondahl. 1,932,890; Oct. 31.
- Marker for fruit brushing machines. A. R. Thompson. 1,916,541; July 4.
- Marker, Golf ball. E. A. Jones. 1,921,571; Aug. 8.
- Marker, Grave. J. E. Baker. Des. 90,907; Oct. 24.
- Marker, Grave. J. A. Fumarol. Des. 88,953; Jan. 10.
- Marker, Grave. J. A. Fumarol. Des. 90,617; Sept. 5.
- Marker, Grave. H. Johnson. 1,904,738; Apr. 18.
- Marker, Grave. F. L. Michaels. Des. 89,445-6; Mar. 14.
- Marker, Grave. W. G. Vogelpohl. 1,926,468; Sept. 12.
- Marker, Grave. H. C. Way. 1,910,780; May 23.
- Marker, Ground. J. L. Hipple. 1,932,107; Oct. 24.
- Marker, Highway. F. O. Heitzel. 1,910,247; May 23.
- Marker, Highway. P. C. MacRae and R. C. Thomasson. 1,923,632; Aug. 22.
- Marker, Identification. D. I. Reiter. 1,928,211; Sept. 26.
- Marker, Land. L. Rhodes. 1,934,645; Nov. 7.
- Marker, Laundry lot. F. J. Couch. 1,928,349; Sept. 26.
- Marker, Line. F. W. Coffing. 1,940,447; Dec. 19.
- Marker, Line. E. H. Hollingshead. 1,918,103; July 11.
- Marker, Memorial. A. A. Rieck. 1,919,530; July 25.
- Marker, Memorial plate. J. A. and R. E. Atchley and E. H. Collins. Des. 90,795; Oct. 3.
- Marker or tag. C. E. Timson. 1,898,274; Feb. 21.
- Marker or tag. C. E. Timson. 1,902,531; Mar. 21.
- Marker, Plant. J. Borovicka. 1,896,695; Feb. 7.
- Marker, Plot. R. E. Mason. 1,902,875; Mar. 28.
- Marker, Price. R. V. Sheldon. 1,900,136; Mar. 7.
- Marker, Road. E. T. D. Myers, Jr. 1,900,945; Mar. 14.
- Marker, Road. J. R. O'Brien. 1,896,641; Feb. 7.
- Marker, Road. W. H. Woolums and C. B. Ambrose. 1,903,748; Apr. 11.
- Marker, Street. V. S. Durbin. 1,929,809; Oct. 10.
- Marker, Street. L. Hunt. 1,908,360; May 9.
- Marker, Street. P. Shapiro. 1,896,962; Feb. 7.
- Marker, Traffic. W. P. Favorite and H. A. Moler. Des. 89,606; Apr. 11.
- Marker, Traffic. G. D. Myers. 1,920,582; Aug. 1.
- Marker, Traffic lane. D. E. Ross. 1,927,756; Sept. 19.
- Marker, Traffic lane. D. E. Ross and G. S. Meikle. 1,927,757; Sept. 19.
- Marker unit. J. A. Wagner. 1,905,612; Apr. 25.
- Marker, Universal. J. J. Bertorello. 1,916,250; July 4.
- Marking machine. L. Bernardo. 1,894,530; Jan. 17.
- Marking machine. W. E. Naugler. 1,934,733; Nov. 14.
- Marking machine. P. E. Tarlton. 1,926,355; Sept. 12.
- Marking machine. P. A. Wooster. 1,920,337; Aug. 1.
- Marking objects, Apparatus for. A. C. Christopherson. 1,906,876; May 2.
- Marking plate for keys and securing same. R. H. Nicholson. 1,892,995; Jan. 3.
- Marking, printing and embossing machine. M. A. G. Luedtke and H. Hoffmann. 1,912,905; June 6.
- Marking, printing and embossing machine. V. Weingartner. 1,912,927; June 6.
- Marimba. C. O. Musser. Des. 91,041; Nov. 14.
- Marquetry assembly. C. H. Willnus. 1,927,882; Sept. 26.
- Masher. J. Mantelet. 1,921,936; Aug. 8.
- Mask. L. R. Koenig and F. B. Wolf. 1,900,651; Mar. 7.
- Mask, Beauty. C. Kroha. 1,913,083; June 6.
- Mask, Drinking. R. Monro. 1,903,831; Apr. 18.
- Mask for moving picture screens. E. J. Vallen. 1,904,963; Apr. 18.
- Mask for photoprinting machines, Adjustable. J. L. Barber. 1,902,984; Mar. 28.
- Mask, Protective. H. A. Fee. 1,917,961; July 11.
- Mask, Respiratory. J. E. Le Duc. 1,925,764; Sept. 5.
- Mask, Welder's. F. M. Bowers. 1,905,210; Apr. 25.
- Masonry facing construction. V. E. Shanklin. 1,896,188; Feb. 7.
- Masonry structure, Reinforced and anchored. A. Coyne. 1,896,810; Feb. 7.
- Masonry structures, Apparatus for treating. L. S. Wertz. 1,926,415; Sept. 12.
- Masonry, Waterproofing. W. L. Harlow and H. S. Everngam. 1,909,763; May 16.
- Mass resembling ivory and making the same. R. Zellmann. 1,922,007; Aug. 8.
- Mass testing machine. G. E. Hopkins. 1,931,925; Oct. 24.
- Massage device. B. B. Lipsner. 1,923,317; Aug. 22.
- Massage device. C. L. Lucas. 1,910,490; May 23.
- Massage device. K. Novstrup. 1,930,019; Oct. 10.
- Massage device. J. H. Pinkston. 1,919,571; July 25.
- Massage device. E. Timar. 1,918,462; June 13.
- Massage implement. H. Reichl. 1,908,051; May 9.
- Massage machine. D. H. Murphy. 1,899,208; Feb. 28.
- Massaging and cleansing machine, Pneumatic. M. E. Popkin. 1,914,290; June 13.
- Massaging apparatus. F. Trautwein. 1,937,448; Nov. 28.
- Massaging device. J. V. Hunt. 1,936,022; Nov. 21.
- Massage device. G. W. McCollough. 1,933,989; Nov. 7.
- Massaging device and razor sharpener. J. W. Simmons. 1,913,250; June 6.
- Massaging device, Electrically operated. M. Andis. 1,928,612; Oct. 3.
- Massaging machine. C. A. Matson. 1,931,849; Oct. 24.
- Massaging machine. J. A. Weaver. 1,929,107; Oct. 3.
- Masses and coatings therefrom, Production of artificial. A. Weihe, O. Jordan, and L. Kollek. 1,909,991; May 23.
- Masses, Production of artificial. O. Schmidt, B. Schnell, and E. Meyer. 1,901,044; Mar. 14.
- Masses resembling innoxyn, Production of. M. Luther and H. Beller. 1,901,374; Mar. 14.
- Masses resembling rubber oil substitute, Production of. M. Luther and H. Beller. 1,897,133; Feb. 14.
- Mast, Mooring. H. T. Dyer and F. D. Swan. 1,918,523; July 18.
- Mat. J. F. Duffy. 1,905,371; Apr. 25.
- Mat. F. J. Fredrickson. 1,913,629; June 13.
- Mat, Automobile. R. H. Schwartz. Des. 90,510; Aug. 15.
- Mat, Coin. T. W. Smith, Jr. 1,931,398; Oct. 17.
- Mat, Composite. B. Bronson. 1,920,057; July 25.
- Mat cutter and beveler, Combination. W. J. McCann. 1,909,780; May 16.
- Mat, Engraver's. A. B. Glenn. 1,903,813; Apr. 18.
- Mat, Floor. C. E. Reiss. 1,925,734; Sept. 5.
- Mat, Floor. F. M. Williams and E. W. Coble. 1,908,585; May 9.
- Mat for automobile running boards and the like. W. S. Vrooman. 1,907,689; May 9.
- Mat for optical instruments, Adjustable. G. W. Jonson and A. Grebe. 1,921,191; Aug. 8.
- Mat, Making an artist's. A. B. Glenn. 1,923,483; Aug. 22.
- Mat, matted, and covering. E. C. Lorraine. 1,936,634; Nov. 28.
- Mat, Reversible. R. J. Mammes. 1,901,110; Mar. 14.
- Mat scorching, Dry. F. Milne. 1,932,318; Oct. 24.
- Match, Book. A. J. Arana. 1,907,313; May 2.
- Match book holder for ash receptacles. A. C. Grunwald. 1,921,876; Aug. 8.
- Match-book package and packaging. A. H. Rosenberg. 1,906,722; May 2.
- Match box. I. H. Dube. 1,902,767; Mar. 21.
- Match box holder. J. H. Brown. 1,907,241; May 2.
- Match card. A. J. Arana. 1,907,312; May 2.
- Match composition, Slow. A. A. Young. 1,935,495; Nov. 14.
- Match container. J. A. Rosmait. 1,930,109; Oct. 10.

- Match dispensing apparatus. H. H. Fuller and E. M. Jones. 1,916,974; July 4.
- Match feeding mechanism. M. Paridon. 1,937,161; Nov. 28.
- Match-holder and automatic lighter. Combined. W. L. Roxburgh and S. B. O'Neill. 1,936,917; Nov. 28.
- Match machine. J. C. Donnelly. 1,898,716; Feb. 21.
- Match making machine. E. Van Hoofstadt. 1,924,264; Aug. 29.
- Match manufacturing. Book. M. G. Pelipetz. 1,931,676; Oct. 24.
- Match package. B. H. Freedman. 1,905,695-6; Apr. 25.
- Match package. B. H. Freedman. 1,905,844; Apr. 25.
- Match package. W. D. Little. 1,926,682; Sept. 12.
- Match package. J. C. Peurrung. 1,935,276; Nov. 14.
- Match package and manufacturing same. F. W. Dietmann. 1,923,616; Aug. 22.
- Match packaging machine. R. H. Gamble and W. J. Crowell, jr. 1,893,201; Jan. 3.
- Match packaging machine. R. S. Pullen, W. F. Casey, and G. M. Thomas. 1,906,098; Apr. 25.
- Match-packaging machine. R. S. Pullen, W. F. Casey, and G. M. Thomas. 1,937,530; Dec. 5.
- Match packet. J. F. O'Malley. 1,939,567; Dec. 12.
- Match packet. R. S. Pullen. 1,933,509; Oct. 31.
- Match packet. R. S. Pullen. 1,938,930; Dec. 12.
- Match packet and method. R. S. Pullen. 1,921,372; Aug. 8.
- Matches in book-form, Manufacturing cardboard strip. F. Käppler. 1,898,544; Feb. 21.
- Material and apparatus therefor, Processing. C. W. Vogt. 1,911,731; May 30.
- Material and making the same, Flexible treated. B. H. F. Richards and A. H. Haroldson. 1,897,651; Feb. 14.
- Material and making the same, Strip. C. E. Brook. 1,931,315; Oct. 17.
- Material and manufacturing said material, Powdered. F. W. Wieder. 1,908,619; May 9.
- Material and method of impregnation, Impregnated. B. I. Stoops. 1,908,569; May 9.
- Material and product thereof, Process and composition for rubberizing water repellant. M. C. Teague. 1,899,535; Feb. 28.
- Material and rubber from waste rubber stock, Recovery of fibrous. J. K. Mitchell. 1,900,944; Mar. 14.
- Material, Apparatus for applying fluent. B. W. Lambacher. 1,906,471; May 2.
- Material, Apparatus for cleaning and tensioning. A. Le-Boutillier. 1,910,956 May 23.
- Material, Apparatus for coating. M. E. Davis. 1,908,963; May 16.
- Material, Apparatus for coiling. L. Iversen, R. E. Noble and G. L. Fisk. 1,935,092; Nov. 14.
- Material, Apparatus for conveying and depositing cementitious. J. T. Vawter. 1,908,578; May 9.
- Material, Apparatus for gauging. R. E. Hoffman and C. Paulson. 1,901,966; Mar. 21.
- Material, Apparatus for handling. F. V. Johnson. 1,939,055; Dec. 12.
- Material, Apparatus for handling. E. W. Larsen. 1,920,203; Aug. 1.
- Material, Apparatus for handling. J. E. Lodge. 1,931,872; Oct. 24.
- Material, Apparatus for handling. H. F. Vickers. 1,910,509; May 23.
- Material, Apparatus for handling comminuted. H. J. Burt, jr. 1,898,759; Feb. 21.
- Material, Apparatus for moving. F. L. Walker. 1,920,613; Aug. 1.
- Material, Apparatus for subdividing. J. K. Blum. 1,924,536; Aug. 29.
- Material, Apparatus for treating. T. C. Manning. 1,928,903; Oct. 3.
- Material, Applying. I. Kass. 1,899,391; Feb. 28.
- Material, Coking carbonizable. L. Kern. 1,899,808; Feb. 28.
- Material, Color photographic. M. W. Seymour. 1,900,869; Mar. 7.
- Material, Coloring granular and other. P. S. Denning. 1,893,545; Feb. 21.
- Material, Constructional. A. C. Fischer. Re18,765; Mar. 14.
- Material containing derivatives of cellulose and product thereof, Treatment of. G. Rivat. 1,913,410; June 13.
- Material containing organic esters of cellulose, Partial saponification of. C. Dreyfus and H. Platt. 1,897,691; Feb. 14.
- Material containing tin, Treating. S. Tamaru and Y. Koizumi. 1,902,735; Mar. 21.
- Material control apparatus and method. E. M. Hamilton and S. E. Woodworth. 1,940,946; Dec. 26.
- Material, Cooking solid carbonizable. L. and F. C. Kern. 1,899,809; Feb. 28.
- Material, Decorating webs of. R. S. Bracewell. 1,930,036; Oct. 10.
- Material distributor. E. L. Masters. 1,912,988; June 6.
- Material feeding device for automatic vertical lathes. O. Schaefer. 1,939,137; Dec. 12.
- Material for and method of protecting conduits. E. P. Becker. 1,894,341; Jan. 17.
- Material for and process of coating metal. J. H. Gravell. 1,895,320; Jan. 24.
- Material for bearings, knife edges, and the like. W. J. Burr. 1,914,990; June 20.
- Material for cleaning and preparing metal for paint. H. R. Neilson. 1,935,911; Nov. 21.
- Material for coating welding rods. A. C. Castle. 1,936,349; Nov. 21.
- Material for controlling illumination. H. H. Higbie. 1,937,342; Nov. 28.
- Material for facing bottle caps and making the same. A. H. Warth. 1,899,782; Feb. 28.
- Material for maintaining printing and lithographic plates and press parts. R. F. Reed and A. George. 1,911,239; May 30.
- Material for making tools. A. G. De Golyer. 1,913,373; June 13.
- Material for making waterproof mortar and producing the same. K. C. Rankin. 1,905,187; Apr. 25.
- Material for parts subjected to friction. O. Brandenberger. 1,934,586; Nov. 7.
- Material for preparing metal for painting. A. Douty. 1,920,744; Aug. 1.
- Material for welding wrought aluminum alloys. E. Joyce. 1,913,394; June 13.
- Material for wrapping or covering articles. N. J. Strauss. 1,920,533; Aug. 1.
- Material forwarding mechanism. A. K. Taylor. 1,901,677; Mar. 14.
- Material from centrifugal baskets, Discharging. E. Roberts. 1,940,812; Dec. 26.
- Material, Gasification of carbonaceous. K. C. Karrick. 1,901,170; Mar. 14.
- Material handling and cutting apparatus. H. H. McGregor and K. E. Eck. 1,941,099; Dec. 26.
- Material handling apparatus. T. H. Bean. 1,914,098; June 13.
- Material handling apparatus. E. E. Brosius. 1,930,467; Oct. 17.
- Material handling apparatus. G. L. Cherry. 1,931,860; Oct. 24.
- Material-handling apparatus. A. L. Clements. 1,899,260; Feb. 28.
- Material handling apparatus. E. C. Fitz Simons. 1,908,967; May 16.
- Material handling apparatus. E. P. Jaggard. 1,932,897; Oct. 31.
- Material handling apparatus. C. S. Johnson. 1,895,626; Jan. 31.
- Material handling apparatus. J. J. Neuman. 1,911,525; May 30.
- Material handling apparatus. E. G. Robinson. 1,922,330; Aug. 15.
- Material handling apparatus. E. G. Robinson. 1,928,632; Oct. 3.
- Material, Handling excavated. L. A. Miller. 1,922,972; Aug. 15.
- Material-handling machine. R. E. Park, jr. 1,941,106; Dec. 26.
- Material handling mechanism. J. H. Sangers. 1,909,379; May 16.
- Material handling system. A. H. Brunner. 1,913,533; June 13.
- Material handling system. H. R. Crago. 1,922,883; Aug. 15.
- Material, Heating. W. S. King, J. P. Barliak and C. E. Harris. 1,926,544; Sept. 12.
- Material in containers, Apparatus for settling. D. Belcher. 1,898,284; Feb. 21.
- Material in gas, Method and apparatus for dispersing divided solid. M. A. Lissman. 1,917,266; July 11.
- Material, Making porous. H. Krause. 1,916,954; July 4.
- Material measuring and handling apparatus. F. Voelker, jr. 1,905,013; Apr. 25.
- Material, Mechanism for cutting a loose packing. J. W. Swartvar. 1,928,322; Sept. 26.
- Material, Method of and system for leaching. A. W. Laird. 1,929,927; Oct. 10.
- Material, Moldable. H. J. Billings. 1,937,680; Dec. 5.
- Material moving, Method of and apparatus for. E. and K. Ferwerda. 1,916,103; June 27.
- Material, Preparation of porous silicious. A. S. Behrman. 1,930,503; Oct. 17.
- Material, Process and apparatus for disintegration of. W. H. Mason. 1,922,313; Aug. 15.
- Material reducing machine, Rotary. J. T. Fowler. 1,920,945-6-7; Aug. 1.
- Material stacking and ventilating device. W. Tishauer. 1,915,875; June 27.
- Material storage and handling system. E. T. Bennington. 1,927,677; Sept. 19.
- Material, Surfacing. R. Cowen and A. D. Jordan. 1,898,425; Feb. 21.
- Material taken up by a treated web, Measuring. A. Allen. 1,895,118; Jan. 24.
- Material to another, Adhesively joining one. A. Frieden. 1,927,166; Sept. 19.
- Material transfer mechanism. F. Hoke. 1,909,536; May 16.
- Material transporting and handling apparatus. H. L. Warren. 1,921,959; Aug. 8.
- Material, Treating. F. D. Chapman. 1,901,084; Mar. 14.
- Material treating and handling apparatus. F. H. Goodell and D. C. Harvey. 1,914,852; June 20.
- Material treating machine. L. J. Hruby. 1,924,554; Aug. 29.
- Material trimming device. E. R. Weisbender. 1,914,966; June 20.

- Material unattackable by oil, Rubberized and fibrous plastic. C. Angot. 1,907,231; May 2.
- Material used in paper manufacture, Method of and apparatus for testing loading. H. A. Rothchild and J. A. Limpert. 1,899,774; Feb. 28.
- Material working apparatus. R. Jongedyk. 1,904,864; Apr. 18.
- Material working machine. R. J. Beavers. 1,904,848; Apr. 18.
- Materials and producing coke, Distilling fluent. I. H. Derby. 1,900,047; Mar. 7.
- Materials and product formed thereby, Tightly packing. K. Slidell. 1,912,544; June 6.
- Materials, Apparatus for ascertaining weight of. R. McLaughlin. 1,940,057-8; Dec. 19.
- Materials, Apparatus for classifying. C. E. Wuensch. 1,895,504; Jan. 31.
- Materials, Apparatus for comminuting. F. S. Youtsey. 1,936,742; Nov. 28.
- Materials, Apparatus for contacting solid and gaseous. E. O. Barstow and S. B. Heath. 1,905,883; Apr. 25.
- Materials, Apparatus for handling. G. L. Fisk. 1,937,194; Nov. 28.
- Materials, Apparatus for handling. A. Saurbrey. 1,911,397; May 30.
- Materials, Apparatus for heat treating. R. W. Hyde. 1,932,409; Oct. 31.
- Materials, Apparatus for heat treating. N. C. Phillips. 1,894,571; Jan. 17.
- Materials, Apparatus for heat-treating. H. Roth. 1,937,413; Nov. 28.
- Materials, Apparatus for laminating. M. D. Fitzgerald. 1,915,221; June 20.
- Materials, Apparatus for screening. B. F. Roberts. 1,904,032; Apr. 18.
- Materials, Apparatus for treating. L. S. Pfouts. 1,925,152; Sept. 5.
- Materials, Briquetting. W. H. Taylor. 1,937,174; Nov. 28.
- Materials by electrodialysis, Recovery and purification of. R. A. Grotner and W. F. Hoffman. 1,915,568; June 27.
- Materials, Classifying. C. E. Wuensch. 1,895,505; Jan. 31.
- Materials, Coating sheet. H. T. Brodersen. 1,914,906; June 20.
- Materials, Coloration of. G. H. Ellis and H. C. Olpin. 1,914,945; June 20.
- Materials, Coloration of. G. H. Ellis, T. Ockman, and H. C. Olpin. 1,930,232; Oct. 10.
- Materials, Coloration of. G. H. Ellis, H. C. Olpin and W. B. Miller. 1,927,161; Sept. 19.
- Materials comprising cellulose derivatives, Coloration of. G. H. Ellis, D. H. Mosby, and H. C. Olpin. 1,935,623; Nov. 21.
- Materials, Conditioning incoherent finely divided. W. R. Jeavons and M. J. Rentschler. 1,899,152; Feb. 28.
- Materials contained in gaseous mixtures, Recovery of. D. F. Othmer. 1,939,222; Dec. 12.
- Materials containing cellulose, Digestion of. A. Brobeck. 1,914,073; June 13.
- Materials containing organic derivatives of cellulose, Production of black colorations on mixed. G. H. Ellis. 1,892,878; Jan. 3.
- Materials containing silicic acid or silicates and oxides of heavy or light metals, Treatment of raw. E. J. Kohlmeier and K. Siebers. 1,924,323; Aug. 29.
- Materials containing volatile metals or metal oxides, Electrothermal treatment of. A. R. Wejnarth. 1,927,763; Sept. 19.
- Materials, Device for feeding and controlling the flow of. W. Ross. 1,901,002; Mar. 14.
- Materials for deoxidation of rust, Making coating. R. Eberhard. 1,893,495; Jan. 10.
- Materials for process treatment, Conveying and distributing. A. Placek. 1,936,524; Nov. 21.
- Materials for water softening, Making base exchange. P. Lasselle. 1,906,163; Apr. 25.
- Materials from cellulose derivatives, Production of artificial. R. P. Roberts, R. I. R. Dean, and L. W. Gregory. 1,903,299; Apr. 4.
- Materials, Grinding. J. H. Lundtelgen. 1,923,383; Aug. 22.
- Materials, Heating. A. G. Stern. 1,924,136; Aug. 29.
- Materials, Impregnating porous. P. P. Gray and E. E. Werle. 1,930,646; Oct. 17.
- Materials into branch conduits, Device for distributing. H. J. Kerr. 1,913,676; June 13.
- Materials made of or containing cellulose derivatives, Dyeing, printing, or stenciling of. H. Dreyfus, G. H. Ellis, T. Ockman, and H. C. Olpin. 1,913,342; June 20.
- Materials made with or containing cellulose esters or ethers, Dyeing or otherwise coloring of. G. H. Ellis and H. C. Olpin. 1,897,794; Feb. 14.
- Materials, Method and apparatus for handling. F. S. Miller and J. Farrington. 1,923,009; Aug. 15.
- Materials, Method and apparatus for uniting. E. Eger. 1,938,816; Dec. 12.
- Materials, Method of and apparatus for grinding and polishing. L. E. Howard. 1,899,463; Feb. 28.
- Materials, Method of and machine for testing. M. Castriem. 1,923,296; Aug. 22.
- Materials, Mixing. F. C. Overbury. 1,911,644; May 30.
- Materials noninflammable, Rendering fibrous. R. Engelhardt. 1,938,746; Dec. 12.
- Materials of different densities, Apparatus for the pneumatic separation of. P. Soullary. 1,901,783; Mar. 14.
- Materials of different melting points, Separating from mixtures. A. C. Higgins. 1,910,920; May 23.
- Materials of different specific gravities, Method of and apparatus for separating. W. C. Menzies. 1,900,190; Mar. 7.
- Materials, Ornamenting the surface of strip. G. Prifold. 1,915,252-3; June 20.
- Materials, Process and apparatus for separating intermixed divided. R. Peale and R. Peale, jr. 1,931,008; Oct. 17.
- Materials, Process and apparatus for treating. C. W. Vogt. 1,915,634; June 27.
- Materials, Process and mechanism for separating intermixed divided. K. Davis. 1,923,917; Aug. 22.
- Materials, Process and mechanism for separating intermixed divided. R. Peale. Re19,021; Dec. 12.
- Materials, Storing, measuring, and proportioning semi-fluent. C. B. Thorne. 1,906,664; May 2.
- Materials such as coal, lignite asphalt, etc., Process of and apparatus for the treatment of. R. J. McRae. 1,923,161; Aug. 22.
- Materials suitable for floor coverings and for other purposes, Manufacture of. A. H. Dewar. 1,906,224; May 2.
- Materials, Uniting. W. Colina. 1,918,958; July 18.
- Materials used in plastic compositions, Treatment of filling and reinforcing. A. R. Steele and A. Stewart. 1,941,059; Dec. 26.
- Materials with a liquid, Impregnating. F. L. Jefferies. 1,928,894; Oct. 3.
- Materials with aqueous emulsions, Waterproofing. C. A. Braun. 1,905,212; Apr. 25.
- Materials with hydrochloric acid gas at elevated temperatures, Treating. S. B. Heath and O. E. Barstow. 1,927,660; Sept. 19.
- Mathematical instrument. A. Paskowski. 1,894,886; Jan. 17.
- Matrices, Apparatus for conditioning dry. C. A. Pitts. 1,899,055; Feb. 28.
- Matrices, Device for cleaning. O. Rostock and J. Clausen. 1,895,645; Jan. 31.
- Matrices for extruding metals. O. Metzger. 1,918,858; July 18.
- Matrices for stereotypes, Constructing. R. D. Gould and W. J. Bohn. 1,927,262; Sept. 19.
- Matrices, Method of and apparatus for treating stereotype. C. M. Bigsby. 1,931,749; Oct. 24.
- Matrix. J. A. De Goyar. 1,922,031; Aug. 15.
- Matrix assembler. S. E. Sperry. 1,932,366; Oct. 24.
- Matrix board for stereotyping. A. R. Pawlitschko. 1,900,660; Mar. 7.
- Matrix composing and line casting machine. C. A. Albrecht. 1,907,137; May 2.
- Matrix for typographical machines. A. W. F. Guest. 1,928,723; Oct. 3.
- Matrix material for production of printing plates. S. O. Thomas. 1,902,048; Mar. 21.
- Matrix mold, Interchangeable. A. A. Bush. 1,899,258; Feb. 28.
- Matrix roller. J. A. Isbell. 1,929,068; Oct. 3.
- Matrix-setting and type-line-casting machine. W. Blume. 1,918,629; July 18.
- Matrix-setting and type-line-casting machine. W. Blume. 1,925,170; Sept. 5.
- Matrix-setting and type-line-casting-machine. W. Blume. 1,926,934; Sept. 12.
- Matrix-setting and type-line-casting machine. J. Dorneth. 1,940,905; Dec. 26.
- Matrix-setting and type line-casting machines, Mold for. E. Unthoff. 1,920,448; Aug. 1.
- Matrix stick. A. H. Hedly. 1,923,823; Aug. 22.
- Matrix-stick. P. P. Merrill. 1,936,253; Nov. 21.
- Matters, Process and apparatus for the roasting or calcination of pulverulent. E. C. Saint-Jacques. 1,893,913; Jan. 10.
- Matting, Metallic. J. H. McPaul. Des. 89,085; Jan. 24.
- Mattress. C. F. Burke. 1,914,661; June 20.
- Mattress. L. D. Canfield. 1,903,619; Apr. 11.
- Mattress. T. S. Cobb. 1,900,801; Mar. 7.
- Mattress. D. Penner and I. Feintuch. 1,892,679; Jan. 3.
- Mattress. W. G. Schubert. 1,898,573; Feb. 21.
- Mattress. S. C. Timm. 1,892,913; Jan. 3.
- Mattress. W. Van Slyck. 1,902,000; Mar. 21.
- Mattress. S. and L. Young. 1,906,893; May 2.
- Mattress and its manufacture. C. Lofman. 1,925,766; Sept. 5.
- Mattress and manufacture. S. Karpen and F. Kasper. 1,913,081; June 6.
- Mattress and mattress cover. C. Lofman. 1,932,139; Oct. 24.
- Mattress and mattress manufacture. C. Lofman. 1,898,454; Feb. 21.
- Mattress construction. M. Marsack. 1,918,412; July 18.
- Mattress construction. M. Marsack. 1,936,202; Nov. 21.
- Mattress construction. F. J. Will and G. Grosshans. 1,906,686; May 2.
- Mattress, cushion, or the like, Spring. A. Ehlenbeck and R. Platte. 1,925,868; Sept. 5.
- Mattress edge construction. J. F. Gall. 1,915,659; June 27.
- Mattress, Folding bed and cot. H. Abrams. 1,927,109; Sept. 19.
- Mattress, Health. A. H. Bowman. 1,936,960; Nov. 28.

- Mattress manufacture. W. H. Oerlebeck. 1,935,275; Nov. 14.
- Mattress or cushion, Air. L. Rechtschaffen. 1,922,979; Aug. 15.
- Mattress protector. H. L. Kaufmann. 1,892,841; Jan. 3.
- Mattress protector. J. L. McKay. 1,928,943; Oct. 3.
- Mattress, Sanitary. L. Stafinsky. 1,939,324; Dec. 12.
- Mattress, Side stitching a. O. Tervo. 1,909,434; May 16.
- Mattress, Spring. S. Cohen. 1,900,802; Mar. 7.
- Mattress, Spring. W. H. Wilmot. 1,928,918; Oct. 3.
- Mattress tufting. J. W. Droll and A. H. Olson. 1,932,207; Oct. 24.
- Mattress-tufting machine. W. B. Mathewson. 1,894,409; Jan. 17.
- Mattress tufting machine. W. B. Mathewson. 1,922,211; Aug. 15.
- Mattress, Wire. W. W. Impey. 1,919,841; July 25.
- Mattresses, Making reinforced. E. Roberti. 1,898,497; Feb. 21.
- Mattresses, Tufting. W. B. Mathewson. 1,922,212; Aug. 15.
- Mattresses, Tying. E. L. McRoskey. 1,931,202; Oct. 17.
- Mausoleum. W. A. Martin. 1,905,036; Apr. 25.
- Maximum and total demand meter. R. Pudelko. 1,902,045; Mar. 21.
- Maximum demand meter. R. O. Hamill. 1,926,851; Sept. 12.
- Maximum demand meter. W. G. Mylius, A. R. Rutter, and R. H. Lewis. 1,909,116; May 16.
- Meal and preparing the same, Edible. C. Birdseye. 1,916,915; July 4.
- Meal, flour or milling products, Treatment of. J. F. B. V. Hasselt. 1,909,558; May 16.
- Measure and advertising medium. D. B. Wheeler. 1,931,213; Oct. 17.
- Measured values to a distant point, Device for transmitting. H. Hausrath. 1,920,788; Aug. 1.
- Measurement for ultra-short waves, Field strength. R. H. Darbord. 1,923,916; Aug. 22.
- Measurement, High frequency. A. S. Fitz Gerald. 1,902,496; Mar. 21.
- Measuring and computing instrument. E. H. Corlett. 1,900,757; Mar. 7.
- Measuring and control apparatus. E. Ek. 1,894,307; Jan. 17.
- Measuring and control apparatus. T. R. Harrison. 1,898,124; Feb. 21.
- Measuring and controlling apparatus. J. L. Ryder. 1,931,474; Oct. 17.
- Measuring and dispensing device. H. C. Gessler. 1,938,100; Dec. 5.
- Measuring and dispensing device for containers. C. Hochstatter. 1,901,811; Mar. 14.
- Measuring and indicating system. A. A. Roetken. 1,919,803; July 25.
- Measuring and receptacle filling apparatus. I. Stanley and E. L. Jones. 1,913,570; June 13.
- Measuring and recording machine, Anatomical. H. C. Lavery. 1,897,941; Feb. 14.
- Measuring apparatus. R. P. Brown and T. R. Harrison. 1,922,194; Aug. 15.
- Measuring apparatus. L. B. Butterfield. 1,931,054; Oct. 17.
- Measuring apparatus. G. M. Klencker. 1,925,592; Sept. 5.
- Measuring apparatus. J. C. McFarland. 1,906,988; May 2.
- Measuring apparatus. W. Möller. 1,905,401; Apr. 25.
- Measuring apparatus. C. R. Neeson. 1,934,085; Nov. 7.
- Measuring apparatus. O. F. Olson. 1,933,446; Oct. 31.
- Measuring apparatus. T. C. Perry and H. R. Mathewson. 1,933,682; Nov. 7.
- Measuring apparatus. H. R. Ranken. 1,934,882; Nov. 14.
- Measuring apparatus. F. H. Rogers. 1,927,503; Sept. 19.
- Measuring apparatus. M. Stone. 1,918,001; July 11.
- Measuring apparatus. A. E. Young. 1,893,214; Jan. 3.
- Measuring apparatus. A. E. Young. 1,902,112; Mar. 21.
- Measuring apparatus. A. E. Young. 1,927,432; Sept. 19.
- Measuring apparatus. Liquid pressure. P. J. Johnston. 1,923,731; Aug. 22.
- Measuring appliance. N. G. Bennett. 1,901,724; Mar. 14.
- Measuring appliance for the delivery of separated quantities of material in powder form. H. L. Becker and A. Kleijn. 1,925,650; Sept. 5.
- Measuring arrangement for measurement of ratio of transformation and phase angles of voltage and current transformers. J. Slavik. 1,901,336; Mar. 14.
- Measuring board or chart for portable garment driers. B. Kelley. 1,933,438; Oct. 31.
- Measuring can, Jacketed. G. A. Sexton. 1,907,884; May 9.
- Measuring capacity and power, factor and apparatus therefor. System for. J. E. Lilienfeld. 1,931,460; Oct. 17.
- Measuring device. A. O. Abbott, jr. 1,927,821; Sept. 26.
- Measuring device. S. Baroni. 1,901,719; Mar. 14.
- Measuring device. C. J. Bassler. 1,908,302; May 9.
- Measuring device. T. E. Clark. 1,903,090; Mar. 28.
- Measuring device. G. A. Ede. 1,900,231; Mar. 7.
- Measuring device. G. R. Ericson. 1,915,850; June 27.
- Measuring device. L. Foote. 1,905,558; Apr. 25.
- Measuring device. D. R. Hillis. 1,909,678; May 16.
- Measuring device. G. H. Massy. 1,897,208; Feb. 14.
- Measuring device, Automatic. G. A. Swartz. 1,938,942; Dec. 12.
- Measuring device for medicinal powders. S. Blashow. 1,926,137; Sept. 12.
- Measuring device for textiles and the like. J. A. Adell. 1,938,445; Dec. 5.
- Measuring direct capacity. A. M. Skellett. 1,909,842; May 16.
- Measuring dispenser. W. L. Schmitz, Jr. 1,930,944; Oct. 17.
- Measuring dispensing apparatus. C. Spaeth. 1,929,291; Oct. 3.
- Measuring electric energy. P. S. Carter and J. L. Finch. 1,897,237; Feb. 14.
- Measuring feeding mechanism. H. Hardinge. 1,908,238; May 9.
- Measuring for toupees and the like. M. Firestein. 1,906,954; May 2.
- Measuring gauge. W. Ames. 1,903,322; Apr. 4.
- Measuring instrument. I. W. Brogger. 1,934,964; Nov. 14.
- Measuring instrument. T. R. Harrison. 1,927,402; Sept. 19.
- Measuring instrument. K. Hartley. 1,898,534; Feb. 21.
- Measuring instrument. H. N. Herrick. 1,909,619; May 16.
- Measuring instrument. S. C. Hoare. 1,906,596; May 2.
- Measuring instrument. C. W. La Pierre. 1,897,850; Feb. 14.
- Measuring instrument. C. J. Middleton and A. G. Beal. 1,906,705; May 2.
- Measuring instrument. W. P. Muther. 1,922,107; Aug. 15.
- Measuring instrument. P. Paschen and G. Mohr. 1,906,089; Apr. 25.
- Measuring instrument. R. H. Uhlemann. 1,912,107; May 30.
- Measuring instrument. A. A. Vlcek. 1,903,393; Apr. 4.
- Measuring instrument control for machines. M. Mennesson. 1,927,750; Sept. 19.
- Measuring instrument, Electric. S. Hausman and W. Veit. 1,907,804; May 9.
- Measuring instrument, Electric. L. F. Stone. 1,936,414; Nov. 21.
- Measuring instrument, Electrical. H. W. Hockley. 1,924,039; Aug. 22.
- Measuring instrument, Electrical. J. H. Morecroft. 1,895,812; Jan. 31.
- Measuring instrument, Electrical. R. Simpson. 1,899,885; Feb. 28.
- Measuring instrument for investigating gravitation. A. Berroth. 1,927,150; Sept. 19.
- Measuring instrument for the motion of rotary distributing tops. L. G. Bean. 1,911,740; May 30.
- Measuring instruments, Adjusting the plungers of. C. R. Syme. 1,921,791; Aug. 8.
- Measuring machine. J. W. O'Donnell. 1,940,766; Dec. 26.
- Measuring machines, Cloth gripper for. A. Vanderveld. 1,908,382; May 9.
- Measuring mechanism. R. S. A. Daugherty. 1,920,294; Aug. 1.
- Measuring method. R. Dirks. 1,922,933; Aug. 15.
- Measuring oiliness of substances. S. Fischer, jr. 1,895,154; Jan. 24.
- Measuring speeds photographically. J. Kahrs. 1,907,549; May 9.
- Measuring stick. M. Finkenwirth. 1,895,754; Jan. 31.
- Measuring system, Liquid. W. O. Crosby. 1,919,825; July 25.
- Meat chopping machine. F. Aeschbach. 1,929,864; Oct. 10.
- Meat clamp. W. Gumprich and C. H. Good. 1,896,304; Feb. 7.
- Meat-cubing machine. J. P. Spang. 1,907,602; May 9.
- Meat-cubing machine. J. P. Spang. 1,919,964; July 25.
- Meat cubing machine. J. P. Spang. 1,938,197; Dec. 5.
- Meat cutter. F. H. Michaels. 1,903,789; Apr. 18.
- Meat cutting machine. A. Schmidt. 1,915,135; June 20.
- Meat for smoking, Apparatus for shaping. A. N. Benn. 1,899,178; Feb. 28.
- Meat hanger. V. Conquest, G. Redemske, and E. L. Lalumier. 1,936,380; Nov. 21.
- Meat mold. M. Britt and M. Vanderkloot. 1,928,877; Oct. 3.
- Meat mold. M. Vanderkloot. 1,928,917; Oct. 3.
- Meat packing device. H. Janssen. 1,916,220; July 4.
- Meat pickling processes, Acceleration of. K. Woldich. 1,911,009; May 23.
- Meat products, Branding. L. S. Paddock. 1,895,641; Jan. 31.
- Meat rolling machine. G. A. Rothamel. 1,897,644; Feb. 14.
- Meat sawing apparatus. E. W. Bleam. 1,908,727; May 16.
- Meat support. R. H. Fried. 1,928,126; Sept. 26.
- Mechanical apparatus, Rotary. G. Stauber. 1,900,620; Mar. 7.
- Mechanical appliance for removing feathers, stubs, and down from fowls, game-birds, ducks, geese or the like. A. G. Budd and H. Barton. 1,925,625; Sept. 5.
- Mechanical assorting device. C. E. Constable and H. F. Kunold. 1,905,217; Apr. 25.
- Mechanical clutch. P. Bischof. 1,911,789; May 30.
- Mechanical gas valve. F. Trudwig. 1,934,020; Nov. 7.
- Mechanical lubricator, Force feed. F. L. Hamill. 1,937,019; Nov. 28.
- Mechanical movement. W. E. Bock. 1,894,290; Jan. 17.

- Mechanical movement. E. S. Carpenter. 1,920,969; Aug. 8.
- Mechanical movement. C. S. Hansen. 1,893,621; Jan. 10.
- Mechanical movement. W. Harper, jr., and E. B. Kerekes. 1,909,271; May 16.
- Mechanical movement. L. G. Jacobson. 1,909,470; May 16.
- Mechanical movement. W. J. Johnson. 1,932,411; Oct. 31.
- Mechanical movement. F. A. King. 1,920,988; Aug. 8.
- Mechanical movement. J. D. Kreis. 1,916,377; July 4.
- Mechanical movement. L. Leyes. 1,904,151; Apr. 18.
- Mechanical movement. M. H. Pérez. 1,897,140; Feb. 14.
- Mechanical movement. A. C. and J. Sladky. 1,939,284; Dec. 12.
- Mechanical movement. A. A. Stone. 1,896,732; Feb. 7.
- Mechanical movement. W. Willis. 1,915,966; June 27.
- Mechanical movement for intermittent motion. G. W. Swift, jr. 1,916,871; July 4.
- Mechanical pool table. J. H. Thomas. 1,938,265; Dec. 5.
- Mechanical system. M. N. Castro. 1,929,307; Oct. 3.
- Mechanically operated gate. A. Kremser and J. R. MacGregor. 1,910,220; May 23.
- Mechanic's hand tool. J. A. Spangler. 1,927,618; Sept. 19.
- Mechanic's tool. F. Yavicoli. 1,893,973; Jan. 10.
- Mechanism for automatically selecting and severing the terminal threads of a stitched book or the like. O. Müller. 1,918,482; July 18.
- Mechanism for determining deviation of wells from the perpendicular. W. J. Williams. 1,907,167; May 2.
- Mechanism for eliminating dead centers. J. P. Kelly. 1,906,614; May 2.
- Mechanism for feeding to and clamping bodies in, machines. C. H. Green. 1,921,989; Aug. 8.
- Mechanism for producing curved axial surface on rolls. H. A. Good. 1,904,827; Apr. 18.
- Mechanism for recording the deviation from the perpendicular of a drill hole. W. J. Williams. 1,907,168; May 2.
- Mechanism for selectively actuating a plurality of movable members. H. A. Wende. 1,896,146; Feb. 7.
- Mechanism for shifting sheets. H. G. Buchan. 1,905,437; Apr. 25.
- Medal or medallion. E. R. Zettler. Des. 90,162; June 20.
- Media for protecting furs, hairs, feathers, and animal textile products against the attack of animal and plant pests. W. Lommel and H. Münzel. 1,921,364; Aug. 8.
- Medical appliance. L. B. Whittaker. 1,914,188; June 13.
- Medicaments, etc., Utilizing hypodermic. M. Nevin. 1,909,591; May 16.
- Medication, Apparatus for the automatic administration of. C. C. Francis and E. J. Sears. 1,922,941; Aug. 15.
- Medicinal infusion for treating gums. J. A. McAlister, jr. 1,927,610; Sept. 19.
- Medicinal preparation. C. Gurchot. 1,934,977; Nov. 14.
- Medicinal remedy. F. P. Nabenhauer. 1,921,424; Aug. 8.
- Medicine dispenser. G. W. Fillauer. 1,898,435; Feb. 21.
- Medicine injector. W. G. Peters. 1,936,437; Nov. 21.
- Medicine package. E. Klipper. 1,900,606; Mar. 7.
- Medium for dehydrating cut oils. P. Kaplan. 1,897,021; Feb. 7.
- Medium for separating oil-water emulsions (blown oil). F. E. Fuchs. 1,929,399; Oct. 3.
- Megaphone. H. L. Staley. 1,941,233; Dec. 26.
- Melter, Portable electric metal. A. D'Amico, M. W. Hild, and W. H. Wilcox. 1,898,481; Feb. 21.
- Melter, Sulphur. E. E. Brage. 1,918,684; July 18.
- Melting. A. E. Greene. 1,904,684; Apr. 18.
- Melting furnace, Copper. R. P. Heuer. 1,914,716; June 20.
- Member on a cylindrical shaft, Device for securing a. J. R. Anger. 1,937,502; Dec. 5.
- Members on shafts, Keying. M. T. Chamberlain. 1,922,929; Aug. 15.
- Memorandum device. C. Connaway. Des. 91,233; Dec. 26.
- Memorandum pad. W. C. Bohmert. 1,931,140; Oct. 17.
- Memorandum pad. J. F. Keville. 1,914,640; June 20.
- Memorandum pad. W. A. Ringle. 1,899,773; Feb. 28.
- Memory, Assisting and testing the. A. G. Humphreys. 1,902,404; Mar. 21.
- Menthene, Production of. W. Schoeller, E. Schwenk, and E. Borgwardt. 1,921,138; Aug. 8.
- Menthol, Manufacture of crystalline. J. W. Blagden. 1,930,411; Oct. 10.
- Menthol, Preparing pure optically inactive. K. Schöllkopf and A. Serini. 1,904,545; Apr. 18.
- Menthols, Isolation or purification of. J. W. Blagden and W. E. Huggett. 1,932,131; Oct. 24.
- Menu card or similar article. H. M. Wexberg. Des. 90,349; July 18.
- Mercaptoarylthiazoles, Manufacture of. R. L. Sibley. 1,906,112; Apr. 25.
- Mercaptobenzothiazol, Manufacture of. K. H. Saunders. 1,911,716; May 30.
- Mercaptobenzothiazole, Preparing. P. Schlosser. K. Bartsch, and G. Källner. 1,915,955; June 27.
- Merchandise, Apparatus for handling. H. H. Lederer. 1,900,569; Mar. 7.
- Merchandise dispensing apparatus. E. J. Raymond. 1,919,667; July 25.
- Merchandise display. H. G. Lorenzen. 1,916,227; July 4.
- Merchandise display apparatus. N. Rosenblatt. 1,911,467; May 30.
- Merchandise displaying device, Automatic. A. Perling. 1,905,351; Apr. 25.
- Merchandise, Loading and transporting. L. J. Scales. 1,920,917; Aug. 1.
- Merchandise package. C. S. Andrews. 1,894,337; Jan. 17.
- Merchandise, Packaging. T. W. Satterthwaite. 1,909,126; May 16.
- Merchandising and display receptacle. A. A. Matheson. 1,904,760; Apr. 18.
- Merchandising or fluid dispensing structure. R. S. Katz. Des. 89,112; Jan. 24.
- Merchandising table. J. E. Bales. 1,897,568; Feb. 14.
- Merchandising table. J. E. Bales. 1,915,046; June 20.
- Mercuri-mononitro-para-cresol and its salts, Manufacture of. F. V. Sander. 1,893,248; Jan. 3.
- Mercury arc apparatus. E. O. Hulburt. 1,907,386; May 2.
- Mercury arc rectifier. M. Schenkel. 1,901,612; Mar. 14.
- Mercury-arc-rectifier cathode construction. E. B. Shand. 1,929,656; Oct. 10.
- Mercury arc rectifier construction. A. L. Atherton. 1,936,781; Nov. 28.
- Mercury bulb switch, Electric. I. E. McCabe. 1,936,094; Nov. 21.
- Mercury contact switch. J. N. McTwiggan. 1,903,513; Apr. 11.
- Mercury derivative of nitro-meta-cresols. G. W. Raizliss and L. W. Clemence. 1,928,436; Sept. 26.
- Mercury pendulum contact. B. Townshend. 1,909,555; May 16.
- Mercury, Recovery. H. G. Wildman. 1,896,876; Feb. 7.
- Mercury switch. P. S. Bear. 1,918,794; July 18.
- Mercury switch. P. K. Cramblett. 1,937,746; Dec. 5.
- Mercury switch. C. Hatay. 1,930,092; Oct. 10.
- Mercury switch. C. Hatay. 1,935,710; Nov. 21.
- Mercury switch. E. R. Snively. 1,900,080; Mar. 7.
- Mercury switch. J. H. Staley. 1,906,118; Apr. 25.
- Mercury switch. W. R. Walker. 1,930,435; Oct. 10.
- Mercury switch. A. E. Young. 1,907,639; May 9.
- Mercury switch. F. Zuckschwerdt. 1,915,462; June 27.
- Mercury switch, Centrifugal. G. A. Gillen. 1,917,581; July 11.
- Mercury switch, Vertical type. C. V. Iredell. 1,929,170; Oct. 3.
- Mercury tube switch. D. W. Davis. 1,905,813; Apr. 25.
- Mercury tube switch. J. Schneider. 1,928,546; Sept. 26.
- Mercury vapor anode. M. Wellauer. 1,902,002; Mar. 21.
- Merry-go-round. A. B. Antonsen. 1,935,040; Nov. 14.
- Merry-go-round. E. H. Needham. 1,914,451; June 20.
- Merry-go-round. F. F. Smith. 1,922,983; Aug. 15.
- Mesh bag. C. A. Whiting. 1,925,295; Sept. 5.
- Meshwork bag. E. W. Twitchell. 1,906,500; May 2.
- Mesityl oxide, Apparatus for the production of. H. Guinot. 1,913,158; June 6.
- Mesityl oxide, Production of. H. Guinot. 1,913,159; June 6.
- Meta-hydroxyl-phenyl-aryl-amino-carboxylic acids. L. Laska and O. Haller. 1,938,031; Dec. 5.
- Metal aligning device. H. J. Gaisman. 1,901,829; Mar. 14.
- Metal alloy. H. K. Herschman and J. L. Basil. 1,895,261; Jan. 24.
- Metal alloy. V. T. Malcolm. 1,915,064; June 20.
- Metal alloy, Precious. E. M. Wise. 1,913,423; June 13.
- Metal alloy, Sintered hard. J. W. Genuit. 1,893,078; Jan. 3.
- Metal alloys, especially for tools, Production of hard. P. Schwarzkopf and I. Hirschl. 1,925,910; Sept. 5.
- Metal alloys, Treating. V. T. Malcolm. 1,929,392; Oct. 3.
- Metal and making the same, Permeable. C. L. Jones. 1,893,330; Jan. 3.
- Metal and metal oxide, Porous. J. Koenig and F. Stoewen-er. 1,919,730; July 25.
- Metal, Apparatus for and method of heat treating. H. C. Knerr. 1,936,719; Nov. 28.
- Metal, Apparatus for casting. A. Kampf. 1,915,022; June 20.
- Metal, Apparatus for manufacture of expanded. H. K. Baker. 1,912,681; June 6.
- Metal, Apparatus for pouring molten. F. D. Zinno. 1,905,204; Apr. 25.
- Metal, Apparatus for rolling sheet. J. Böhner. 1,899,225; Feb. 28.
- Metal, Apparatus for working. G. B. Coe. 1,907,041; May 2.
- Metal article and forming the same, Composite. W. Brown. 1,923,075; Aug. 22.
- Metal article and making same, Composite. G. D. Bagley. 1,895,533; Jan. 31.
- Metal article and manufacture thereof, Coated. D. R. Ward. 1,933,401; Oct. 31.
- Metal article, Protected. J. H. Young. 1,919,677; July 25.
- Metal articles, Apparatus for pressing and forming. T. M. Hiestler. 1,915,667; June 27.
- Metal articles, Black finishing. H. R. Carveth. 1,937,629; Dec. 5.
- Metal articles by nitriding, Hardening. P. F. M. Aubert and A. J. P. and H. A. M. Duval. 1,895,847; Jan. 31.
- Metal articles by nitrogenization, Hardening. P. F. M. Aubert, and A. J. P. and H. A. M. Duval. 1,895,439; Jan. 31.
- Metal articles, Fabricating composite. A. G. Dannell. 1,898,426; Feb. 21.

- Metal articles, Forming rolled. R. C. Ingersoll and S. S. Battles. 1,933,593; Nov. 7.
- Metal articles, Making decorated drawn. J. S. Mitchell and H. C. Rathke. 1,895,419; Jan. 24.
- Metal articles, Making hollow. J. Sneed. 1,912,102; May 30.
- Metal articles, Method of and apparatus for rolling. R. C. Ingersoll. 1,894,689; Jan. 17.
- Metal articles, Welding. E. De Ridder. 1,936,083; Nov. 21.
- Metal band looping machine. H. G. R. Bennett. 1,915,713; June 27.
- Metal bars, Device for bending. H. Böttner. 1,933,363; Oct. 31.
- Metal bars, Forming forked heads on. A. Metcalf. 1,899,288; Feb. 28.
- Metal bars from screen frames, Forming. L. F. Julien. 1,929,695; Oct. 10.
- Metal billets, bars, and the like, Manufacture. F. W. and V. Harbord. 1,928,562; Sept. 26.
- Metal body and producing same, Plated. E. Theisz. 1,896,022; Jan. 31.
- Metal building construction. E. W. Krueger. 1,910,699; May 23.
- Metal by means of gases, Cutting. J. L. Anderson. 1,901,428; Mar. 14.
- Metal carbonyls, Production of. L. Schlecht and M. Naumann. 1,941,111; Dec. 26.
- Metal casting from gelatine reliefs. A. Murray. 1,917,387; July 11.
- Metal, Casting readily oxidizable. J. A. Gann. 1,917,759; July 11.
- Metal chlorides, Producing anhydrous nonvolatile. R. Suchy, K. Staib, and W. Moschel. 1,923,594; Aug. 22.
- Metal, Cleaning. A. B. Wilson. 1,916,503; July 4.
- Metal cleaning composition. H. C. Mougey. 1,897,813; Feb. 14.
- Metal coated material. L. W. Cutler and C. A. Klein. 1,905,959; Apr. 25.
- Metal coating apparatus. F. P. Townsend. 1,930,601; Oct. 17.
- Metal coating method. C. M. Saeger, jr. 1,940,814; Dec. 26.
- Metal coffee receptacle. S. M. Moriya. 1,920,268; Aug. 1.
- Metal complex compound. H. Schmidt and H. Jung. 1,893,872; Jan. 10.
- Metal composition, Resintered hard. G. F. Taylor. 1,895,354; Jan. 24.
- Metal compositions, Apparatus for making hard. G. F. Taylor. 1,896,854; Feb. 7.
- Metal compositions, Making hard. G. J. Comstock. 1,910,884; May 23.
- Metal compound of o-hydroxyazo dyestuffs. H. Krzikalla and F. Bluemmel. 1,923,216; Aug. 22.
- Metal compounds of an o-hydroxyazo dyestuff. H. Krzikalla. 1,893,557; Jan. 10.
- Metal compounds, Triorgano. H. P. A. Groll. 1,938,179; Dec. 5.
- Metal container. J. J. Engelman. 1,912,266; May 30.
- Metal container. A. B. Kinzel. 1,924,043; Aug. 22.
- Metal container. A. L. Kronquest. 1,933,479; Oct. 31.
- Metal container. W. F. Punte. 1,895,391; Jan. 24.
- Metal container. W. F. Punte. 1,902,664; Mar. 21.
- Metal cutting machine. F. Möller. 1,934,202; Nov. 7.
- Metal cutting machine. B. P. Shiltz. 1,918,290; July 18.
- Metal cutting machine and control system therefor. W. F. Babcock. 1,904,975; Apr. 18.
- Metal deposition and product thereof. J. B. Grenagle. 1,922,847; Aug. 15.
- Metal die. R. T. Hurley. 1,920,699; Aug. 1.
- Metal drawing. R. Franks. 1,932,454; Oct. 31.
- Metal drawing press. A. H. Schloz. 1,936,410; Nov. 21.
- Metal drawing press, Sheet. F. J. Rode. 1,899,110; Feb. 28.
- Metal drawing press, Sheet. F. J. Rode. 1,899,111; Feb. 28.
- Metal, Electrolytic refining of. F. L. Antisell. 1,908,943; May 16.
- Metal, Embossing sheet. O. M. Pannier. 1,912,158; May 30.
- Metal fabricating machine. J. L. Adams, jr. 1,904,913; Apr. 18.
- Metal fastener. A. F. Kern. 1,925,488; Sept. 5.
- Metal fastener, Corrugated. J. Riedel, J. Domagall, and H. Maz. 1,897,335; Feb. 14.
- Metal fixture for typewriter desks. M. Fox. 1,904,217; Apr. 18.
- Metal flashing. A. Cheney. 1,939,619; Dec. 12.
- Metal flashing, Sheet. C. A. Earley. 1,928,589; Sept. 26.
- Metal foil to a surface, Attaching. I. C. Honegger. 1,909,862; May 16.
- Metal from rusting, Preventing cleaned. J. H. Gravell. 1,938,961; Dec. 12.
- Metal hand or grab. S. J. Entriikin. 1,914,246; June 13.
- Metal, Hard. B. Fetkenheuer. 1,910,532; May 23.
- Metal, Heat treating ferrous. F. A. Fahrenwald. 1,927,633; Sept. 19.
- Metal-heating furnace. J. R. George. 1,912,705; June 6.
- Metal heating method and apparatus. J. J. McLaughlin. 1,902,039; Mar. 21.
- Metal into a vacuum tube, Introducing active. J. H. de Boer, J. L. Jonker, and K. M. van Gessel. 1,931,647; Oct. 24.
- Metal jamb, Reinforced. I. A. Baum. 1,901,624; Mar. 14.
- Metal, Joining layers of sheet. N. L. Derby. 1,940,850; Dec. 26.
- Metal joint. R. B. Luebe. 1,930,451; Oct. 10.
- Metal joint and making the same, Compressed. C. C. Sunderland. 1,919,347; July 25.
- Metal joint construction, Sheet. E. J. W. Ragsdale. 1,914,344; June 13.
- Metal laundry bag. J. T. McGuire. 1,915,196; June 20.
- Metal, Mechanism for drawing. J. T. Leech. 1,911,157; May 23.
- Metal, Mechanism for extruding and rolling. T. M. Hiesler. 1,922,088; Aug. 15.
- Metal members, device for extracting. M. Mathews. 1,900,654; Mar. 7.
- Metal members with rubber bushings, Assembling. R. H. Rosenberg. 1,904,931; Apr. 18.
- Metal, Method and apparatus for extrusion of. W. Travis. 1,904,907; Apr. 18.
- Metal, Method and apparatus for loading. R. T. Romine. 1,940,186; Dec. 19.
- Metal, Method and mill for rolling. J. R. Coe. 1,925,896; Sept. 5.
- Metal, Method of and apparatus for measuring the thickness of. J. F. Putnam. 1,895,643; Jan. 31.
- Metal, Method of and apparatus for working. G. B. Coe. 1,933,314; Oct. 31.
- Metal, Method of and machine for straightening or leveling strip. W. C. McBain. 1,923,738; Aug. 22.
- Metal objects, Cleaning. R. B. Berg. 1,898,809; Feb. 21.
- Metal objects, Coating. B. Hemann. 1,906,154; Apr. 25.
- Metal organic phosphate and making same. T. B. Wagner. 1,894,647; Jan. 17.
- Metal oxides, Reducing. W. Rohn. 1,906,184; Apr. 25.
- Metal part and process of hardening. J. Schulein. 1,934,741; Nov. 14.
- Metal particles in sheet material, Detecting. R. A. Manegold. 1,897,731; Feb. 14.
- Metal parts and an article produced thereby, Uniting. R. T. Hurley. 1,898,487; Feb. 21.
- Metal parts including tubes, Joining. H. L. Kraefft. 1,914,811; June 20.
- Metal parts, Soldering together. K. M. Van Gessel. 1,892,819; Jan. 3.
- Metal parts within a vacuum tube, Device for supporting. A. Ungelenk and W. Hofmann. 1,902,473; Mar. 21.
- Metal, Perforating sheet. G. T. Balfe. 1,927,791; Sept. 19.
- Metal phosphides, Preparation of. W. C. Lillendahl and F. H. Driggs. 1,893,296; Jan. 3.
- Metal pickling process. G. L. Magoun. 1,915,469; June 27.
- Metal pipes, System of apparatus for galvanizing. C. E. Bedell. 1,917,918; July 11.
- Metal plates, Apparatus for feeding. A. Hormel. 1,914,806; June 20.
- Metal plates, Making tapered. M. R. Trembour. 1,926,320; Sept. 12.
- Metal plates, Method of and machine for forming. F. A. Manske, E. W. Odenwaldt, and O. E. Gibson. 1,900,722; Mar. 7.
- Metal plating machine. A. W. Ritter. 1,937,359; Nov. 28.
- Metal, Pouring. M. G. Dumas. 1,915,651; June 27.
- Metal press, Continuous. C. E. Bennett. 1,926,666; Sept. 12.
- Metal, Process of and apparatus for removing protuberances from. L. Campbell, jr. 1,917,750; July 11.
- Metal processing, Strip. G. J. Meyer. 1,898,739; Feb. 21.
- Metal producing process, Sheet. J. B. Tytus. 1,907,020; May 2.
- Metal, Producing sheet. J. B. Tytus. 1,907,019; May 2.
- Metal, Production of sheet. J. C. Williams, J. S. Williamson, J. Echols, C. H. Hunt, and G. W. Vreeland. 1,906,297; May 2.
- Metal, Purifying. W. H. Osborn and H. H. Stout, jr. 1,938,608; Dec. 12.
- Metal, Purifying molten. H. C. Drake. 1,901,585; Mar. 14.
- Metal reinforcement for highway construction. W. T. Allan. 1,893,387; Jan. 3.
- Metal refining. H. N. Gilbert. 1,937,650; Dec. 5.
- Metal refining process. A. E. Hall. 1,938,101; Dec. 5.
- Metal ribbon machine. E. A. Dewald. 1,922,531; Aug. 15.
- Metal rolling, Method and apparatus for. P. F. Wilson. 1,895,303; Jan. 24.
- Metal, Rolling of thin gauge sheet. W. Stringham. 1,910,648; May 23.
- Metal, Rolling sheet. J. B. Tytus. 1,895,299; Jan. 24.
- Metal-rolling tool. W. S. Hayford and C. R. Moore. 1,896,512; Feb. 7.
- Metal rough box. H. W. Mitchell. 1,928,672; Oct. 3.
- Metal salts of half acid esters of fatty hydroxylated oil and making them. C. Coolidge. 1,900,693; Mar. 7.
- Metal shapes, Method of and apparatus for extruding tubular. S. W. Sparks. 1,924,522; Aug. 29.
- Metal shapes, Methods of and apparatus for making extruded seamless. S. W. Sparks. 1,902,975; Mar. 28.
- Metal sharpening machine. H. J. Gaisman. 1,902,022; Mar. 21.
- Metal sharpening machine. C. R. Schumacher. 1,902,527; Mar. 21.
- Metal sheets, Apparatus for slitting. H. K. Baker. 1,917,630; July 11.
- Metal sheets, Locking together. F. E. Newton. 1,926,686; Sept. 12.

- Metal sheets, Separating adhering rolled. E. Hinderer. 1,923,234; Aug. 22.
- Metal shipping container. H. W. Monson. 1,911,767; May 30.
- Metal spraying apparatus. D. D. Taylor. 1,934,891; Nov. 14.
- Metal spraying device. A. D. Irons and D. L. Waldoek. 1,917,523; July 11.
- Metal spring cover. W. T. Ferguson. 1,900,051; Mar. 7.
- Metal, Stainless. C. Hardy. 1,922,038; Aug. 15.
- Metal spring cover. O. E. Leighton. 1,940,425-6; Dec. 19.
- Metal spring cover. F. H. Schlessner. 1,932,990; Oct. 31.
- Metal stamping, Forming interior angle in sheet. J. P. Tarbox. 1,892,754; Jan. 3.
- Metal stock, Apparatus for handling packed. F. P. Dahlstrom. 1,931,405; Oct. 17.
- Metal stock, Apparatus for reducing. G. B. Coe. 1,894,232; Jan. 10.
- Metal stock, Handling and conveying hot. V. E. Edwards. Re18,950; Sept. 12.
- Metal, strip sharpening machine. H. J. Gaisman. 1,914,013; June 13.
- Metal stripe. R. B. De Long. 1,928,883; Oct. 3.
- Metal strips, Apparatus for producing shaped sections of uniform thickness from sheet. E. De Ridder. 1,909,930; May 23.
- Metal strips, Apparatus for the manufacture of. W. Sykes. 1,936,314; Nov. 21.
- Metal structure. A. H. Schaffert. 1,913,342; June 6.
- Metal structure especially adapted for airplane rudders, Sheet. E. J. W. Ragsdale. 1,927,072; Sept. 19.
- Metal sulphates and recovery of metal from waste metallic compounds, Making basic. E. O. Cummings. 1,901,364; Mar. 14.
- Metal surfaces, Assembly of. S. M. Anderson. 1,896,656; Feb. 7.
- Metal surfaces, Decorating. K. Takeda. 1,900,960; Mar. 14.
- Metal surfaces for coating with metals and metal alloys, Preparing. F. H. Snyder and S. F. M. MacLaren. 1,932,713; Oct. 31.
- Metal surfaces, Ornamenting. L. Gries. 1,937,146; Nov. 28.
- Metal-to-glass seal. C. V. Litton. 1,940,870; Dec. 26.
- Metal to the pots of type casting and like machines, Feeding device for delivering. C. W. Hartmann. 1,915,491; June 27.
- Metal tile wall. J. E. Green. 1,936,507; Nov. 21.
- Metal treatment and apparatus. J. H. Roberts. 1,936,689; Nov. 28.
- Metal type tubes, Forming. F. H. Poeppelmeier. 1,920,275; Aug. 1.
- Metal under pressure, Apparatus for pouring melted. R. H. V. Christensen and R. S. Dahl. 1,913,071; June 6.
- Metal values, Recovery of. F. Johannsen. 1,921,825; Aug. 3.
- Metal welding. C. P. Bassett. 1,927,912; Sept. 26.
- Metal wheel. H. C. Baker. 1,930,737; Oct. 17.
- Metal wheel. F. W. Burgey. 1,939,952; Dec. 19.
- Metal wheel. P. M. Miller. 1,893,334; Jan. 3.
- Metal wheel. R. S. Smith. Re19,010; Nov. 28.
- Metal wheel. G. Walther. 1,923,028; Aug. 15.
- Metal wheel. G. Walther. 1,933,036; Oct. 31.
- Metal with an organic salt of the metal, Coating. R. R. Tanner. 1,911,537; May 30.
- Metal with zinc phosphate, Coating. V. M. Darsey. 1,926,265; Sept. 12.
- Metal work, Architectural. K. Kornbau. 1,910,343; May 23.
- Metal working. E. C. Bullard. 1,899,608; Feb. 28.
- Metal working. W. C. Coryell. 1,940,939; Dec. 26.
- Metal working. W. T. Ennor. 1,931,913; Oct. 24.
- Metal working. W. C. McBain. 1,908,267; May 9.
- Metal working apparatus. B. F. Bower and H. P. Mooy. 1,939,038; Dec. 12.
- Metal working, Apparatus for. J. Schmeller, sr. 1,917,856; July 11.
- Metal working apparatus, Reciprocating. J. Schmeller, sr. 1,940,021; Dec. 19.
- Metal-working implement. W. J. Schultz. 1,922,178; Aug. 15.
- Metal working machine. R. S. Brown. 1,892,929; Jan. 3.
- Metal working machine. C. C. Grotnes. 1,920,302; Aug. 1.
- Metal working machine. G. F. Yager. 1,905,203; Apr. 25.
- Metal working machine. G. F. Yager. 1,933,202; Oct. 31.
- Metal working machine, Multiple spindle. O. E. Trobeck. 1,901,206; Mar. 14.
- Metal working machinery. C. J. Davis. 1,936,383-4; Nov. 21.
- Metal working press. E. V. Crane. 1,910,523; May 23.
- Metal working press. E. J. Rode. 1,936,880; Nov. 28.
- Metal working press. F. J. Rode and R. W. Glasner. 1,930,565; Oct. 17.
- Metal working presses, Knock-out mechanism for. B. E. Irlis. 1,915,531; June 27.
- Metallic articles, Cleaning and disinfecting. H. Kantorowicz. 1,937,229; Nov. 28.
- Metallic artillery wheel. T. A. Davenport. Des. 90,307; July 18.
- Metallic bodies, Coating. E. G. Sturdevant. 1,894,644; Jan. 17.
- Metallic bodies, Sintering. R. R. Walter. 1,925,292; Sept. 5.
- Metallic coated products, Manufacturing. M. Grossman. 1,893,939; Jan. 10.
- Metallic composition and making the same. A. P. Roux. 1,905,505; Apr. 25.
- Metallic container. W. A. Brown. 1,927,255; Sept. 19.
- Metallic material. W. G. Calkins. 1,927,626; Sept. 19.
- Metallic oxy-compounds, Process and products pertaining to treatment of. L. G. Jenness. 1,923,094; Aug. 22.
- Metallic receptacle. F. Goertz and L. E. Baltzley. 1,934,686; Nov. 14.
- Metallic sheets, Handling. C. Burgess. 1,895,310; Jan. 24.
- Metallic structures, Making annular. H. L. Mueller. 1,931,151; Oct. 17.
- Metallic structures, Welding. R. F. Smith. 1,909,229; May 16.
- Metallic surface, Sectional heat-resisting. J. O. Clark. 1,932,243; Oct. 24.
- Metallic surfaces, Cleaning and preservation of. G. L. Magoun. 1,932,553; Oct. 31.
- Metallic surfaces from corrosion, Protection of. S. O. Cowper-Coles. 1,920,678; Aug. 1.
- Metallic values from slag, Recovering. E. P. Fleming and A. L. Labbe. 1,932,656; Oct. 31.
- Metallic wool pad. P. B. Malebranche. 1,933,745; Nov. 7.
- Metalliferous masses, Method and apparatus for agglomerating. A. V. Kroll. 1,916,863; July 4.
- Metalliferous material, Treatment of. E. H. Bunce and C. J. Lentz. 1,926,032; Sept. 12.
- Metallizing by the melting and projection of metals, Apparatus for. M. C. R. Hedde. 1,928,425; Sept. 26.
- Metallizing with reflecting highly polished surface, celluloid in sheets and any other form by chemical means. K. Kiefer. 1,941,438; Dec. 26.
- Metallo compounds, Manufacture of organic. H. P. A. Groll. 1,938,180; Dec. 5.
- Metallurgical apparatus. M. G. Fowler. 1,893,023; Jan. 3.
- Metallurgical apparatus. C. R. Kuzell. 1,899,161; Feb. 28.
- Metallurgical concentration of raw material. H. Löfquist. 1,927,240; Sept. 19.
- Metallurgical condenser. G. F. Weaton. 1,901,543; Mar. 14.
- Metallurgical furnace. E. H. Bunce and A. O. Ashman. 1,922,274; Aug. 15.
- Metallurgical furnace. E. H. Bunce and H. M. Haslam. 1,895,878; Jan. 31.
- Metallurgical furnace. E. H. Bunce, C. J. Lentz, and G. T. Mahler. 1,914,483; June 20.
- Metallurgical furnace. E. H. Bunce and G. T. Mahler. 1,914,482; June 20.
- Metallurgical furnace. E. H. Bunce and G. T. Mahler. 1,914,484; June 20.
- Metallurgical process. W. F. Zimmerli. 1,937,934; Dec. 5.
- Metallurgical process and apparatus. K. M. Simpson. 1,940,977; Dec. 26.
- Metals and alloys by reduction, Production of. W. B. Hamilton and T. A. Evans. 1,893,992; Jan. 10.
- Metals and alloys, Carbonizing. C. V. Iredell. 1,893,286; Jan. 3.
- Metals and alloys, Separating and recovering. C. B. White. 1,938,239; Dec. 5.
- Metals and alloys, Treatment of. G. Mahoux. 1,939,712; Dec. 19.
- Metals and alloys, Treating nonferrous. R. F. Cohn. 1,925,687; Sept. 5.
- Metals and chiefly of magnesium and its alloys, Treatment of. F. Badger. 1,935,284; Nov. 14.
- Metals and metal alloys low in carbon, Producing. E. G. T. Gustafsson. 1,901,367; Mar. 14.
- Metals and metallic oxides, Recovering. C. W. Johnston. 1,919,947; July 25.
- Metals and the production of alloys of aluminum, Reduction of alkaline earth. G. N. Kirsebom. 1,935,245; Nov. 14.
- Metals, Apparatus for casting. H. Harris. 1,903,897; Apr. 18.
- Metals, Apparatus for electrodepositing of. S. O. Cowper-Coles. 1,910,150; May 23.
- Metals, Apparatus for hardening. F. A. Milliff. 1,907,331; May 2.
- Metals, Apparatus for producing profile. H. Seifert. 1,921,486; Aug. 8.
- Metals, Apparatus for treating. J. O. Betterton and Y. E. Lebedeff. 1,934,479; Nov. 7.
- Metals by selective oxidation of the chlorides, Separating. R. G. Brown. 1,933,702; Nov. 7.
- Metals, Carbonizing. C. V. Iredell. 1,908,759; May 16.
- Metals, Casting readily oxidizable. A. W. Winston. 1,899,906; Feb. 28.
- Metals, Coalescence of. H. H. Stout. 1,913,133; June 6.
- Metals, Coating. G. H. Howe. 1,899,569; Feb. 28.
- Metals, Coating. G. H. Howe. 1,902,503; Mar. 21.
- Metals, Cold rolling. L. R. Clapp and G. W. James. 1,936,583; Nov. 28.
- Metals contained in alloys, Electrolytic extraction of light. P. L. Hulin. 1,910,017; May 23.
- Metals, Decorating. V. F. Malleva. 1,906,168; Apr. 25.
- Metals, Device for the electrothermic treatment of. W. Schabelitz. 1,902,896; Mar. 28.
- Metals during heat treatment, Preventing oxidation of. R. J. Cowan. 1,905,809; Apr. 25.

- Metals, Electrodeposition of. F. C. Mathers and L. Bateman. 1,895,675; Jan. 31.
- Metals, Electrodeposition of. O. C. Ralston and M. G. Fowler. 1,925,339; Sept. 5.
- Metals, Electrolytic deposition of. H. S. Booth, G. G. Torrey, and M. Merlub-Sobel. 1,893,221; Jan. 3.
- Metals, especially silver, Process and device for cleaning precious. C. Mann. 1,941,040; Dec. 26.
- Metals from ferruginous ores, Recovering noble. F. L. Preston. 1,915,799; June 27.
- Metals from ores, Separation of. E. B. Miller and G. C. Connolly. 1,922,490; Aug. 15.
- Metals, Grinding, polishing, lapping, and finishing of. J. N. Bethel. 1,931,370; Oct. 17.
- Metals, Heat treating. A. E. Bellis. 1,904,706; Apr. 18.
- Metals in electric furnaces, Melting. E. G. T. Gustafsson. 1,902,638; Mar. 21.
- Metals in metal molds or dies, Casting. F. W. McConnel. 1,931,587; Oct. 24.
- Metals, Low temperature reduced pressure or partial vacuum reduction of. A. Musso. 1,902,090; Mar. 21.
- Metals, Melting and casting of. H. T. Reeve. 1,897,589; Feb. 14.
- Metals, Melting of nonferrous. G. S. Evans. 1,921,868; Aug. 8.
- Metals, Method and apparatus for refining. T. F. Bailly. 1,894,657; Jan. 17.
- Metals, Method and apparatus for sampling liquid. C. B. Francis and P. B. Guyer. 1,933,425; Oct. 31.
- Metals, Method and apparatus for testing. J. A. Sams and V. F. Shaw. Re18,889; July 4.
- Metals, Nitriding. A. B. Kinzel. 1,907,183; May 2.
- Metals of the iron group from solutions containing salts of one or more of the said metals, Removing one or more of the. K. W. Palmaer. 1,900,996; Mar. 14.
- Metals or alloys, Apparatus for separating. A. Hanak. 1,899,031; Feb. 28.
- Metals, Pickling. G. L. Magoun. 1,915,468; June 27.
- Metals, Process and furnace for remelting and refining crude. F. P. Kerschbaum. 1,913,929; June 13.
- Metals, Producing formates of alkaline earth. E. Elöd and M. Enderli. 1,920,851; Aug. 1.
- Metals, Protecting ferrous. S. C. Moore and F. E. Bowker. 1,931,704; Oct. 24.
- Metals, Purifying. C. E. Williams. 1,921,060; Aug. 8.
- Metals, Purifying ferrous. C. T. Hennig. 1,925,247; Sept. 5.
- Metals, Recovering. F. A. Thurston. 1,933,193; Oct. 31.
- Metals, Recuperative and regenerative heat treatment of. A. E. Bellis. 1,916,407; July 4.
- Metals, reduced from their oxides without melting. W. H. Smith. 1,892,740; Jan. 8.
- Metals, Refining. G. W. Thompson. 1,908,079; May 9.
- Metals, Refining ferrous. H. Harris. 1,920,465; Aug. 1.
- Metals, Rolling. L. R. Clapp and G. W. James. 1,936,582; Nov. 28.
- Metals, Selective chloridization of. J. O. Betterton. 1,907,481; May 9.
- Metals, Separating. F. R. Corwin and L. W. Booton. 1,940,448; Dec. 19.
- Metals, such as gold, platinum, and the like from ore bodies, Recovery of precious. V. C. J. Nightingall. 1,922,975; Aug. 15.
- Metals such as magnesium and alloys thereof, Casting readily oxidizable. J. A. Gann, J. B. Reid, and H. A. Reimers. 1,898,437; Feb. 21.
- Metals, such as magnesium, Production of light. E. O. Barstow. 1,900,220; Mar. 7.
- Metals, such as tin, lead, antimony, or the like, Recovering. M. G. Freise. 1,910,286; May 23.
- Metals to be submitted to cold deformations, Soft coating. F. Gianni. 1,894,169; Jan. 10.
- Metals, Treating. J. O. Betterton and Y. E. Lebedeff. 1,934,480; Nov. 7.
- Metals, Treating. W. R. Jeavons and M. J. Rentschler. 1,893,499; Jan. 10.
- Metals, Treating. H. R. Lowstuter. 1,923,058; Aug. 15.
- Metals, Treating. W. E. Moore. 1,937,064; Nov. 28.
- Metals, Treatment of. R. Auerbach. 1,933,301; Oct. 31.
- Metals, Treatment of. H. N. Gilbert. 1,931,144; Oct. 17.
- Metals, Treatment of. C. Hardy. 1,922,037; Aug. 15.
- Metals, Treatment of. C. Hardy and D. M. Scott. 1,915,824; June 27.
- Metals, Treatment of highly reactive. C. Hardy. 1,915,788; June 27.
- Metals, Uniting dissimilar. H. R. Wolf. 1,903,077; Mar. 28.
- Metals, Welding. J. B. Fitzpatrick. 1,900,100; Mar. 7.
- Metals, Welding. R. G. Waltenberg. 1,924,528; Aug. 29.
- Metaldehyde poisonings, Prevention of. L. Wamoscher. 1,893,008; Jan. 3.
- Metatarsal pad. A. Weitsen. 1,907,136; May 2.
- Meteorological indicator. A. S. Reynolds. 1,913,511-12; June 13.
- Meteorological observations and determinations, Making. E. H. Kincaid. 1,915,321; June 27.
- Meter: See—
- Automatic gloss meter. Electrical meter.
- Automatic meter. Electricity meter.
- B. t. u. meter. Expandable fluid meter.
- Chart recording meter. Flow meter.
- Color meter. Fluid meter.
- Condensation meter. Gas meter.
- Demand meter. Graphic meter.
- Electric meter. Heat consumption meter.
- Hydraulic meter.
- Integrating meter.
- Light meter.
- Liquid dispensing meter.
- Liquid meter.
- Maximum and total demand meter.
- Maximum demand meter.
- Mileage meter.
- Modulation meter.
- Orifice meter.
- Meter. C. J. Bassler. 1,905,549; Apr. 25.
- Meter. H. L. Blum. 1,929,406; Oct. 10.
- Meter. A. C. Danks. 1,911,267; May 30.
- Meter. J. C. Diehl. 1,923,356; Aug. 22.
- Meter. F. T. Douillard. 1,893,022; Jan. 3.
- Meter. W. F. Perkins and L. Trager. 1,893,595; Jan. 10.
- Meter. H. G. Weymouth. 1,903,074; Mar. 28.
- Meter. R. L. Wright. 1,928,147; Sept. 26.
- Meter and applying it, Flow. W. J. Crowell, jr. 1,909,254; May 16.
- Meter and measuring visibility, Visibility. E. O. Hulburt and C. Bittinger. 1,934,310; Nov. 7.
- Meter and switch mounting support. G. W. Schafer. 1,924,659; Aug. 29.
- Meter attachment for watt-hour meters, Auxiliary. W. M. Bradshaw. 1,905,262; Apr. 25.
- Meter box. F. C. Hush. 1,916,219; July 4.
- Meter box cover. J. L. Ford. 1,923,481; Aug. 22.
- Meter box yoke. J. L. Ford. 1,938,896; Dec. 12.
- Meter by-pass controlling means. H. Chrisman and H. G. Weymouth. 1,906,133; Apr. 25.
- Meter chart calculating machine, Gas orifice. J. B. McCaughy. Re19,009; Nov. 28.
- Meter cover. W. G. Mylius. 1,932,044; Oct. 24.
- Meter device, Detachable. L. R. Sherwood. 1,919,382; July 25.
- Meter fittings, Construction for orifice. H. H. Robinson. 1,903,068; Mar. 28.
- Meter for graded measurements, Integrating. F. M. Jacobsson. 1,903,418; Apr. 11.
- Meter for heat quantities. H. Sandvoss. 1,894,449; Jan. 17.
- Meter for hot water. H. Gahler. 1,916,211; July 4.
- Meter for measuring fluids, Displacement. W. H. D. Brouse. 1,912,687; June 6.
- Meter for photographic purposes, Distance. O. Barnack. 1,930,432; Oct. 10.
- Meter, Gas and similar. S. Simpson, E. W. Smith, and S. Robinson. 1,918,875; July 18.
- Meter hanger. R. H. Mueller. 1,936,852; Nov. 28.
- Meter hanger. R. H. Mueller and A. V. Cushman. 1,926,752; Sept. 12.
- Meter indicator. R. L. Dezendorf. 1,936,425; Nov. 21.
- Meter indicator mechanism, Making a. S. Z. De Ferranti. 1,913,265; June 6.
- Meter installation. T. E. Murray, jr. and A. B. Rypinski. 1,925,272; Sept. 5.
- Meter mechanism. T. R. Harrison. 1,902,852; Mar. 28.
- Meter mounting. H. Fröhlich and E. Spahn. 1,929,201; Oct. 3.
- Meter movement. T. Maeda. 1,929,984; Oct. 10.
- Meter recording, Centralized. W. H. Pratt. 1,902,465; Mar. 21.
- Meter recording mechanism. C. L. McMullen. 1,922,056; Aug. 15.
- Meter reverse control mechanism. H. G. Weymouth. 1,895,059; Jan. 24.
- Meter service appliance, Electric. J. Sachs. 1,905,003; Apr. 25.
- Meter service appliance, Electric. J. Sachs. 1,907,010; May 2.
- Meter service installation, Electricity. F. Holmes. 1,893,550; Jan. 10.
- Meter testing device. P. B. R. Baas. 1,934,291; Nov. 7.
- Meter with theft alarm, Automobile parking. R. W. Babson. 1,924,523; Aug. 29.
- Metering apparatus. M. Cornell. 1,938,621; Dec. 12.
- Metering apparatus, Fuel. J. T. Lake. 1,918,606; July 18.
- Metering device. W. C. Brinton, jr. 1,926,138; Sept. 12.
- Metering-filling machine. H. Lamb and T. A. Fee, jr. 1,932,976; Oct. 31.
- Metering fluid feeding device. C. J. Eacock and C. H. Clauser. 1,940,793; Dec. 26.
- Metering system. P. Yates. 1,897,657; Feb. 14.
- Meters, Adjusting means for the tangent posts of gas. C. R. Brower and D. Z. Kirkham. 1,892,827; Jan. 3.
- Meters, Attachment for. R. E. Paris. 1,933,996; Nov. 7.
- Meters, Mechanism for dry gas. G. Kuwada. 1,922,166; Aug. 15.
- Meters, Preventing error in. P. B. Renfrew. 1,935,667; Nov. 21.
- Meters, Testing watt-hour. D. S. Schnell and R. C. Fryer. 1,896,755; Feb. 7.
- Methane from hydrocarbon gas mixtures, Separation of. E. C. Britton. 1,908,312; May 9.
- Methane into liquid hydrocarbons, Conversion of. C. Steigerwald. 1,905,520; Apr. 25.
- Methane, Manufacture of monobrominated. W. Schoeller and E. Borgwardt. 1,916,742; July 4.
- Methanol, Synthetic production of. R. S. Richardson. 1,921,776; Aug. 8.
- Methyl chloride, Chlorination of. P. J. Carlisle. 1,939,292; Dec. 12.
- Photographic exposure meter.
- Prepayment meter.
- Recording meter.
- Sound meter.
- Tandem meter.
- Thermal electric meter.
- Thermal meter.
- Water meter.
- Watt-hour meter.
- Wood meter.

- Methyl ether of tertiary butyl meta cresol, Preparation of. E. Venderwahl. 1,927,053; Sept. 19.
- MgCl₂ containing chlorides of alkali metals or alkaline earth metals, Producing. H. Tunaka and S. Imatomi. 1,902,385; Mar. 21.
- Mica board making machine, Continuous. J. M. Coffey. 1,906,541; May 2.
- Mica condenser, Variable. E. J. Cowan. 1,895,242; Jan. 24.
- Mica, Laminated. H. C. P. Weber. 1,928,713; Oct. 3.
- Mica products from scrap mica, Preparation of. C. L. Johnson. 1,941,212; Dec. 26.
- Mica separating and sorting machine. L. T. Frederick. 1,913,876; June 13.
- Mica sorting apparatus. L. T. Frederick. 1,913,877; June 13.
- Mica treating apparatus. L. T. Frederick. 1,913,875; June 13.
- Micrometer. G. R. Wood. 1,939,030; Dec. 12.
- Micrometer attachment. W. Heckersdorf and H. Poppenhaeger. 1,910,467; May 23.
- Micrometer caliper attachment. C. H. Webbeking. 1,921,899; Aug. 8.
- Micrometer depth gauge. K. Christopherson. 1,922,758; Aug. 15.
- Micrometer gauge. E. J. Witchger and O. A. Koebke. 1,940,475; Dec. 19.
- Microorganisms, Inhibiting the development of. H. Finckelstein and J. Willems. 1,932,338; Oct. 24.
- Microphone. L. Gilman. 1,932,581; Oct. 31.
- Microphone. H. Sell. 1,901,933; Mar. 21.
- Microphone. L. H. Smith. 1,906,725; May 2.
- Microphone control. C. Dreher. 1,924,679; Aug. 29.
- Micropinette. G. W. Fitz. 1,931,344; Oct. 17.
- Microray transmission line. A. G. Clavier. 1,937,745; Dec. 5.
- Microray vacuum tube. A. G. Clavier. 1,938,065; Dec. 5.
- Micro-ray wavemeter. A. G. Clavier. 1,929,878; Oct. 10.
- Microscope. H. Heine. 1,935,444; Nov. 14.
- Microscope. H. Neuwith. 1,934,874; Nov. 14.
- Microscope. H. N. Ott. 1,914,212; June 13.
- Microscope. H. N. Ott. 1,933,386; Oct. 31.
- Microscope-centrifuge. E. N. Harvey and A. L. Loomis. 1,907,803; May 9.
- Microscope light. G. Spindler. Des. 90,513; Aug. 15.
- Microscope objective. L. V. Foster. 1,934,599; Nov. 7.
- Microscopic specimens for the observation of the surfaces of substances, Producing. J. Suzuki. 1,918,619; July 18.
- Middle burster. C. H. White. 1,905,022; Apr. 25.
- Middle ring coupling, Divided. C. P. Weber. 1,921,406; Aug. 8.
- Mileage meter, Motor vehicle. J. E. Fishburn. 1,933,104; Oct. 31.
- Milk and cream dispenser. T. E. Davis. 1,893,884; Jan. 10.
- Milk and cream products having increased whipping properties and making same. G. D. Turnbow. 1,939,326; Dec. 12.
- Milk and milk products to recover the contained milk fat in substantially pure and neutral condition, Treating. M. E. Parker and S. Quam. 1,941,415; Dec. 26.
- Milk and other liquids, Apparatus for eliminating foam from. M. R. Parsell. 1,907,439; May 9.
- Milk, Apparatus for dispensing. A. Lichterman. 1,939,906; Dec. 19.
- Milk, Apparatus for handling and dispensing loose. L. La Rue and H. J. Heins. 1,908,031; May 9.
- Milk, Apparatus for the pasteurization of. P. Albohr. 1,925,475; Sept. 5.
- Milk boiling apparatus. T. van Buuren. 1,927,224; Sept. 19.
- Milk bottle container. G. W. Edwards. 1,913,587; June 13.
- Milk bottle holder. J. Todd and J. Craig. 1,932,387; Oct. 31.
- Milk bottle lock. J. A. O'Grady. 1,929,211; Oct. 3.
- Milk by vacuum, Extracting cow's. L. R. Carpenter. 1,915,516; June 27.
- Milk cooler. C. A. and O. Brower. 1,909,750; May 16.
- Milk cooler. L. S. Chadwick, M. Resek, and C. T. Sorensen. 1,940,621; Dec. 19.
- Milk cooler. J. Robertson and G. H. Purdy. 1,897,336; Feb. 14.
- Milk cooler. W. J. Vanstory. 1,895,949; Jan. 31.
- Milk cooler. C. E. Warren. 1,933,156; Oct. 31.
- Milk cooling and storing apparatus. G. E. Wallis. 1,901,014; Mar. 14.
- Milk cooling and temperature stabilizing device. A. Goebel and R. Gedeon. 1,894,443; Jan. 17.
- Milk cooling apparatus. E. D. Starkey. 1,937,797; Dec. 5.
- Milk cooling device. H. Atwell. 1,926,831; Sept. 12.
- Milk dispenser. R. Mack. 1,920,016; July 25.
- Milk-dumping device. W. H. Paulson. 1,903,193; Mar. 28.
- Milk filtering apparatus. G. C. Evers. 1,893,735; Jan. 10.
- Milk for testing, Preparing. A. L. Stigen. 1,907,605; May 9.
- Milk powder, Producing. A. R. Sanna. 1,929,450; Oct. 10.
- Milk product. H. E. Otting. 1,937,527; Dec. 5.
- Milk product and making same, Therapeutic. M. C. Matt. 1,899,817; Feb. 28.
- Milk product and the manufacture thereof. R. Hellerud. 1,941,261; Dec. 26.
- Milk product, Unfermented. R. P. Myers. 1,903,014; Mar. 28.
- Milk products, Preserving. A. F. O. Germann. 1,912,073; May 30.
- Milk, Unfermented acidophilus. R. P. Myers. 1,902,959; Mar. 28.
- Milk weighing apparatus. H. L. Miller. 1,900,359; Mar. 7.
- Milking apparatus. J. A. Schmitt. 1,919,172; July 18.
- Milking machine. A. Blatz, jr. 1,935,870; Nov. 21.
- Milking machine. C. H. Hapgood. 1,910,830; May 23.
- Milking machine. C. H. Hapgood. 1,911,618; May 30.
- Milking machine. C. H. Hapgood. 1,914,123; June 13.
- Milking machine. J. W. L. Warren. 1,893,257; Jan. 3.
- Mill: See—
- Ball and pebble mill.
 - Bar mill.
 - Blower mill.
 - Cane mill.
 - Colloid mill.
 - Continuous wire mill.
 - Expanding mill.
 - Feed mill.
 - Forming mill.
 - Grinding mill.
 - Hammer mill.
 - Ore reduction mill.
 - Pan and ball mill.
 - Portable mill.
 - Pulverizing mill.
 - Rod mill.
 - Roller mill.
 - Rolling mill.
 - Roughage mill.
 - Saw mill.
 - Sugar cane mill.
 - Tube expanding mill.
 - Tube mill.
 - Tube-reducing mill.
 - Tumbling mill.
- Mill. L. W. Campbell. 1,915,920; June 27.
- Mill and system of control therefor, Colloidal. O. A. Ross. 1,937,788; Dec. 5.
- Mill cutters, Apparatus for truing face. S. H. Earl. 1,917,103; July 4.
- Mill drive. R. C. F. Kurtze. 1,907,833; May 9.
- Mill for paint and the like, Single-roll. M. Lehmann and E. Grunder. 1,926,907; Sept. 12.
- Mill for pulverizing and the like. D. Y. Bryant. 1,903,166; Mar. 28.
- Mill for reducing paints, colors, and pigments. J. R. Torrance. 1,902,680; Mar. 21.
- Mill for widening out tools, Rolling. H. Heetkamp. 1,903,676; Apr. 11.
- Milling head attachment. R. M. Woytych. 1,933,575; Nov. 7.
- Mill of the pilgrim-step type for the manufacture of metallic tubes, Rolling. L. Tschulenik. 1,928,741; Oct. 3.
- Mill-starch treatment and method. A. Peltzer and A. Peltzer, jr. 1,923,455; Aug. 22.
- Mill table. L. S. Resser. 1,927,847; Sept. 26.
- Milling cutter. G. Kröhne. 1,893,732; Feb. 21.
- Milling cutter. J. A. Markstrum. 1,927,409; Sept. 19.
- Milling cutter. J. M. Redinger. 1,908,628; May 9.
- Milling machine. W. D. Archea. 1,901,490; Mar. 14.
- Milling machine. W. D. Archea. 1,905,673; Apr. 25.
- Milling machine. W. D. Archea. 1,932,378; Oct. 24.
- Milling machine. W. D. Archea. 1,938,770-1; Dec. 12.
- Milling machine. W. D. Averill. 1,940,112; Dec. 19.
- Milling machine. A. F. Bennett. 1,922,073; Aug. 15.
- Milling machine. L. H. Blood. 1,940,443; Dec. 19.
- Milling machine. J. M. Christian. 1,919,290; July 25.
- Milling machine. M. De Haas and B. Sassen. 1,901,295; Mar. 14.
- Milling machine. T. Earle. 1,903,444; Apr. 11.
- Milling machine. T. Earle. 1,916,853; July 4.
- Milling machine. S. Einstein and L. F. Nenninger. 1,901,290; Mar. 14.
- Milling machine. H. Ernst and M. E. Martelotti. 1,938,774; Dec. 12.
- Milling machine. H. Ernst and L. F. Nenninger. 1,904,971; Apr. 18.
- Milling machine. B. P. Graves and W. A. Gigger. 1,932,546; Oct. 31.
- Milling machine. F. A. Hassman. 1,940,126; Dec. 19.
- Milling machine. N. M. Marsilius. 1,895,333; Jan. 24.
- Milling machine. L. E. Mehlhope. 1,940,139; Dec. 19.
- Milling machine. L. F. Nenninger. 1,919,150; July 18.
- Milling machine. L. F. Nenninger and E. G. Roehm. 1,936,257; Nov. 21.
- Milling machine. L. F. Nenninger and M. Romaine. 1,932,984; Oct. 31.
- Milling machine. L. F. Nenninger. 1,938,777; Dec. 12.
- Milling machine. L. F. Nenninger and W. D. Archea. 1,938,781; Dec. 12.
- Milling machine. L. F. Nenninger and F. A. Hassman. 1,938,776; Dec. 12.
- Milling machine. L. F. Nenninger and B. Sassen. 1,938,775; Dec. 12.
- Milling machine. C. O. Oesterlein and C. F. Littelmann. 1,925,599; Sept. 5.
- Milling machine. R. W. Ott. 1,940,142; Dec. 19.
- Milling machine. E. G. Roehm. 1,932,377; Oct. 24.
- Milling machine. M. Romaine and W. D. Archea. 1,914,167; June 13.
- Milling machine. E. J. Svenson. 1,912,413; June 6.
- Milling machine, Automatic twist drill. J. Bergström. 1,933,362; Oct. 31.
- Milling machine collet. W. D. Archea. 1,904,641; Apr. 18.
- Milling machine, Knee type. E. J. Kearney. 1,938,661; Dec. 12.
- Milling machine structure. E. J. Kearney. 1,923,935; Aug. 22.
- Milling machine with rigid frame. L. Kellenberger. 1,932,024; Oct. 31.

- Milling machinery. L. F. Nenninger. 1,904,649; Apr. 18.
Milling machinery. M. Romaine and W. D. Archea. 1,938,783; Dec. 12.
Milling machines. High speed universal head for. F. E. Garbutt, H. G. Cunningham, and T. M. Ingman. 1,930,796; Oct. 17.
Milling or cutting machine. O. Hoppe. 1,905,382; Apr. 25.
Mine car bearing. J. P. Miller. 1,913,500; June 13.
Mine cars, Draft and buffing mechanism for. R. E. Dendler. 1,917,876; July 11.
Mine jack. O. Sann. 1,921,542; Aug. 8.
Mine lamp. G. Wheat. 1,918,223; July 11.
Mine storing means in submarine of the single hull type. M. F. Gunning. 1,923,822; Aug. 22.
Mine ventilating apparatus. L. J. Driggs. 1,917,439; July 11.
Mineral coloring material. H. L. Small. 1,939,930; Dec. 19.
Mineral concentration. A. Crago and H. S. Martin. 1,912,433; June 6.
Mineral conversion. J. F. Berliner. 1,909,606; May 16.
Mineral matter, Coloring. H. L. Small. 1,921,010; Aug. 8.
Mineral oil distillation. A. E. Pew, jr., and H. Thomas. 1,935,953; Nov. 21.
Mineral oils by means of alloys or loosely bound compounds of alkali metals, Refining of. E. C. Williams and H. P. A. Groll. 1,939,939; Dec. 19.
Mineral reduction and metal extraction. A. Musso. 1,902,089; Mar. 21.
Mineral tanning. I. C. Somerville. 1,940,610; Dec. 19.
Mineral treatment. R. B. Martin. 1,897,265; Feb. 14.
Mineral wool. C. B. White. 1,939,329; Dec. 12.
Mineral wool. Apparatus for producing. G. D. Shaver. 1,940,975; Dec. 26.
Mineral wool mixture, Making. J. B. Neal. 1,928,699; Oct. 3.
Minerals by flotation, Concentration of. R. W. Hess. 1,904,461; Apr. 18.
Minerals by flotation, Separation of. A. M. Gaudin. 1,893,517; Jan. 10.
Minerals, Flotation of. R. W. Hess and J. M. F. Leaper. 1,904,462; Apr. 18.
Minerals from ore, Extracting. I. N. Waggonner and A. E. Skeats. 1,938,002; Nov. 21.
Minerals, Separating. D. J. Carey. 1,893,578; Jan. 10.
Minerals, Separating valuable. W. D. McAdoo. 1,938,037; Dec. 5.
Mining and loading or loading machine. C. McKinnon. 1,915,001; June 20.
Mining apparatus. M. P. Holmes. 1,902,446; Mar. 21.
Mining apparatus. M. P. Holmes. 1,929,426; Oct. 10.
Mining apparatus. L. A. Maxson. 1,896,184; Feb. 7.
Mining apparatus. J. C. Nelms. 1,917,318; July 11.
Mining apparatus. E. J. Newbaker. 1,892,994; Jan. 3.
Mining apparatus. C. F. Osgood. 1,903,649; Apr. 11.
Mining apparatus. C. F. Osgood. 1,927,949; Sept. 26.
Mining apparatus. C. F. Osgood. 1,932,596; Oct. 31.
Mining double or parted seams, Method and apparatus for. E. Ramsay. 1,919,528; July 25.
Mining drill. L. J. Fellay. 1,904,657; Apr. 18.
Mining machine. C. P. Baldwin. 1,909,160; May 16.
Mining machine. G. Bodin. 1,907,719; May 9.
Mining machine. H. W. Driehaus. 1,939,673; Dec. 19.
Mining machine. M. P. Holmes. 1,911,897; May 30.
Mining machine. M. P. Holmes. 1,914,503-5; June 20.
Mining machine. M. P. Holmes. 1,922,293; Aug. 15.
Mining machine. M. P. Holmes. 1,924,552; Aug. 29.
Mining machine. M. P. Holmes. 1,940,799; Dec. 26.
Mining machine. M. P. Holmes. 1,941,007-8; Dec. 26.
Mining machine. F. A. Lindgren. 1,893,952; Jan. 10.
Mining machine. F. A. Lindgren. 1,897,984; Feb. 14.
Mining machine. F. A. Lindgren. 1,924,285; Aug. 29.
Mining machine. W. T. McCullough. 1,938,850; Dec. 12.
Mining machine. M. S. Moore. 1,930,016; Oct. 10.
Mining machine. E. F. Muller. 1,934,813; Nov. 14.
Mining machine. C. F. Osgood. 1,920,271; Aug. 1.
Mining machine. T. E. Pray. Des. 19,032; Dec. 19.
Mining machine. T. E. Pray. 1,906,810; May 2.
Mining machine. T. E. Pray. 1,908,179; May 9.
Mining machine. E. W. Radius. 1,932,187; Oct. 24.
Mining machine. L. E. Simmons. 1,901,127; Oct. 14.
Mining machine. L. E. Simmons. 1,931,560; Oct. 24.
Mining machine. F. W. Vodoz. 1,900,780; Mar. 7.
Mining machine. F. W. Vodoz. 1,902,148; Mar. 21.
Mining machine. F. W. Vodoz. 1,920,450; Aug. 1.
Mining machine. F. W. Vodoz. 1,937,737; Dec. 5.
Mining method. G. H. Dormer. 1,915,411; June 27.
Mining unit, Concrete safety. J. MacDougall. 1,924,044; Aug. 22.
Minerals, Treatment of. E. P. Schoch. 1,924,519; Aug. 29.
Miniature structure. G. D. Wanner. 1,893,791; Jan. 10.
Miniature structures, Constructing. G. D. Wanner. 1,893,792; Jan. 10.
Minnow, Artificial. M. F. Jamar, jr. 1,892,892; Jan. 3.
Minnow trap. W. D. Bechtel and R. A. Dean. 1,941,242; Dec. 26.
Mirror. E. J. De Hart. Des. 90,236; July 4.
Mirror. E. J. De Hart. Des. 90,932; Oct. 24.
Mirror. F. G. and W. M. Folberth. 1,913,874; June 13.
Mirror. F. L. Karlson. 1,921,755; Aug. 8.
Mirror. P. Schlumbohm. 1,894,639; Jan. 17.
Mirror. P. Schlumbohm. 1,898,791; Feb. 21.
Mirror. R. E. Wisehaupt. Des. 90,743; Sept. 19.
Mirror and instrument, Combined. W. La Hodny. 1,895,578; Jan. 31.
Mirror and instrument, Combined. W. La Hodny. 1,897,849; Feb. 14.
Mirror and instrument, Combined. W. La Hodny. 1,908,767; May 16.
Mirror and instrument, Combined rear view. J. B. Weir. 1,895,560; Jan. 31.
Mirror and instrument, Combined rear vision. R. B. Welcott. 1,923,768; Aug. 22.
Mirror and memorandum device, Combination rear view. J. D. Keith. 1,909,362; May 16.
Mirror and producing silver copper alloy film, Silver-copper alloy. W. Peacock, jr. 1,935,520; Nov. 14.
Mirror and the like, Shaving. M. J. Kramer. 1,912,902; June 6.
Mirror and timepiece, Combined. W. La Hodny. 1,906,628; May 2.
Mirror and timepiece, Combined. W. La Hodny. 1,924,997; Aug. 29.
Mirror assembly, Rear view. P. Bertell and W. La Hodny. 1,895,566; Jan. 31.
Mirror attachment. G. V. Butler. 1,933,964; Nov. 7.
Mirror attachment for motor vehicles. R. R. Fleischer. 1,918,802; July 18.
Mirror bracket. F. G. Withrow. 1,933,888; Nov. 7.
Mirror, Concave. G. Kögel. 1,919,561; July 25.
Mirror, Dental. H. Dalton. 1,909,853; May 16.
Mirror, Dental. D. L. Feltham. 1,905,633; Apr. 25.
Mirror, Driving. G. N. Hein. 1,905,868; Apr. 25.
Mirror, Electrically heated bathroom. W. R. Hunt. 1,933,173; Oct. 31.
Mirror-equipped structure. B. M. Hess. 1,921,752; Aug. 8.
Mirror, Illuminated. H. Lewinsohn and T. Goldfinger. 1,930,244; Oct. 10.
Mirror for automobiles, Rear-view. R. A. Kerns. 1,925,666; Sept. 5.
Mirror for trucks, Rear view. F. W. Crisman. 1,921,310; Aug. 8.
Mirror, Hand. C. H. Lawrence. Des. 89,602; Apr. 11.
Mirror holder, Rear view. R. N. Falge and C. E. Godley. 1,909,526; May 16.
Mirror mounting, Rear view. J. R. Oishei. 1,938,541; Dec. 5.
Mirror, Nonfrothing. B. Wilson. 1,934,110; Nov. 7.
Mirror or the like, Hand. C. H. Lawrence. Des. 91,035-40; Nov. 14.
Mirror, Rear vision. C. W. McKinley. 1,919,475; July 25.
Mirror, Self opening and closing three-way. E. J. Loeffler. 1,902,037; Mar. 21.
Mirror set, Automobile. J. Fotakis. 1,925,631; Sept. 5.
Mirror, Spare tire. H. Hueber. 1,917,192; July 4.
Mirror structure for trucks and the like. O. C. Ritz Woller. 1,893,245; Jan. 3.
Mirror support, Rear vision. J. R. Oishei and E. V. Schaal. 1,938,350; Dec. 5.
Mirror supporting device. J. Jankovic. 1,932,697; Oct. 31.
Mirror wheel. F. Schröter. 1,912,731; June 6.
Mist extractor. D. A. Sillers. 1,928,706; Oct. 3.
Miter box. F. Eltnear. 1,910,383; May 23.
Miter gauge. J. Tate. 1,902,270; Mar. 21.
Miter joint. S. Madsen. 1,940,000; Dec. 19.
Mites and lice trap, Chicken. P. B. Johnson. 1,914,022; June 13.
Mitt, Bath. J. E. Pamplin. 1,941,320; Dec. 26.
Mitt, Cleaning. J. B. Farquhar. 1,930,044; Oct. 10.
Mixer: See—
Aluminum paint mixer. Food mixer.
Automatic mill mixer. Gas mixer.
Beverage mixer. Household mixer.
Cement mixer. Ice cream mixer.
Concrete mixer. Lather mixer.
Drink mixer. Pastry mixer.
Earth surface mixer. Water mixer.
Feed mixer. Welding torch mixer.
Mixer. S. E. Baker. 1,910,229; May 23.
Mixer. E. C. Brewer. 1,930,948; Oct. 17.
Mixer. C. F. Gram. 1,924,080; Aug. 22.
Mixer. C. A. Rowley. 1,902,525; Mar. 21.
Mixer. G. W. Yoder. 1,933,648; Nov. 7.
Mixer blade, Concrete. A. Knowles. 1,901,305; Mar. 14.
Mixer for hydrocarbon engines, Gas and air. W. B. Rawers. 1,901,191; Mar. 14.
Mixer frame, Two-wheel. E. O. Hamren. 1,908,704; May 16.
Mixer or the like, Food. E. J. Ajax. Des. 90,794; Oct. 3.
Mixer with ultra-violet ray attachments, Drink. G. F. Harding. 1,898,365; Feb. 21.
Mixing and compressing machine. H. W. Le Boutillier and F. Hess. 1,917,040; July 4.
Mixing and sifting machine for dry powdered material. R. Hinkle. 1,937,385; Nov. 28.
Mixing apparatus. K. S. Valentine. 1,908,002; May 9.
Mixing apparatus, Tipplable and portable. J. Thordsen. 1,920,025; July 25.
Mixing cup. S. J. Poplawski. 1,927,184; Sept. 19.
Mixing device. G. E. Cook. 1,904,758; Apr. 18.
Mixing device. R. Guth. 1,923,128; Sept. 26.
Mixing device. R. Guth. 1,934,304; Nov. 7.
Mixing device. A. M. Herbsman and R. B. Campbell. 1,924,038; Aug. 22.
Mixing device. F. A. Hoshcke. 1,932,313; Oct. 24.

- Mixing device. P. W. Merchant. 1,903,429; Apr. 11.
 Mixing device. G. D. Moore and J. F. Beaumont. 1,910,929; May 23.
 Mixing device. H. R. Tumim. 1,901,207; Mar. 14.
 Mixing device. B. H. Witherspoon. 1,918,679; July 18.
 Mixing device, Automatic. D. E. Murray. 1,937,582; Dec. 5.
 Mixing device or sewage treatment plant. H. N. Jenks. 1,902,078; Mar. 21.
 Mixing device, Thermostatically controlled. E. O. Beardsley. 1,900,221; Mar. 7.
 Mixing head, Thermostatic controlled. D. Q. Bowman. 1,899,494; Feb. 28.
 Mixing machine. D. A. Ducharme and F. H. Banbury. 1,938,377; Dec. 5.
 Mixing machine. A. Holmquist. 1,917,119; July 4.
 Mixing machine. A. Lasch and E. Strömer. 1,936,248; Nov. 21.
 Mixing machine. L. J. Parker. 1,913,210; June 6.
 Mixing machine. C. F. Schnuck and F. H. Banbury. 1,905,755; Apr. 25.
 Mixing valve. E. L. Kellan. 1,938,454; Dec. 5.
 Mixing valve. F. A. Leigh. 1,919,234; July 25.
 Mixing valve. J. J. Mintz. 1,912,295; May 30.
 Mixing valve. F. D. Schneider and H. and H. J. Long. 1,932,148; Oct. 24.
 Mixing valve. H. A. Williams. 1,927,054; Sept. 19.
 Mixing valve, Thermostatic. W. G. Klingbeil. 1,900,349; Mar. 7.
 Mixing valve, Thermostatic controlled. B. S. Fuess and J. T. Sibley. 1,939,970; Dec. 19.
 Mixometer, Concrete. L. A. Perry. 1,898,890; Feb. 21.
 Mixture for petroleum oil refining. C. L. Erickson. 1,932,655; Oct. 31.
 Mixture of vegetable phosphatides and fatty oil, Light colored. B. Rewald. 1,895,424; Jan. 24.
 Mixtures by distillation, Separation of. O. Schmidt and O. Grosskinsky. 1,919,752; July 25.
 Mixtures containing metal powder, Method and apparatus for producing. A. F. M. Ragg. 1,915,201; June 20.
 Mixtures of partially oxidized hydrocarbons, Treating. J. H. James. 1,912,484; June 6.
 Mixtures of soaps and persalts, Making shaped, rapidly and easily soluble. A. Welter. 1,940,570; Dec. 19.
 Mixtures of substances only partly miscible, Separating. W. K. Lewis. 1,911,832; May 30.
 Mixtures of sulphonated alkylated nondyeing aromatic carbocyclic compounds and their salts. F. Guenther. 1,901,507; Mar. 14.
 Mixtures of water with oil, Separation of. L. D. Jones. 1,920,565; Aug. 1.
 Moccasin. F. J. Grams. 1,920,554; Aug. 1.
 Moccasin. J. J. White. 1,918,946; July 18.
 Model, Dentist's. W. Köhler. 1,916,376; July 4.
 Modeling tool, Electrothermal. C. M. Lindsay. 1,909,774; May 16.
 Models, Dentists'. T. G. McMahon. 1,912,212; May 30.
 Models of jaws, Manufacture of. L. Köhler. 1,898,731; Feb. 21.
 Modifiable condenser. C. H. Draving. 1,910,987; May 23.
 Modifier for cellulose acetate plastics. J. F. Walsh and A. F. Caprio. 1,905,535; Apr. 25.
 Modulating device. R. S. Bair and J. B. Bishop. 1,922,654; Aug. 15.
 Modulating device. F. B. Llewellyn. 1,896,780; Feb. 7.
 Modulating device. R. S. Ohl. 1,896,785; Feb. 7.
 Modulating system. C. A. Culver. 1,896,742; Feb. 7.
 Modulating system. R. M. Heintz. 1,941,803; Dec. 26.
 Modulating system. E. F. Kingsbury. 1,939,060; Dec. 12.
 Modulating system. F. B. Llewellyn. 1,926,875; Sept. 12.
 Modulating system. H. J. McCreary. 1,934,726; Nov. 14.
 Modulating system. J. C. Schelleng. 1,926,886; Sept. 12.
 Modulation. W. Kummerer. 1,940,423; Dec. 19.
 Modulation. N. E. Lindenblad. 1,938,749; Dec. 12.
 Modulation meter. F. E. Terman. 1,915,558; June 27.
 Modulation system. C. A. Culver. 1,932,155; Oct. 24.
 Modulation system. A. Hund. 1,898,486; Feb. 21.
 Modulation system. A. Hund. 1,933,735; Nov. 7.
 Modulation system. W. L. Lawrence. 1,923,543; Aug. 22.
 Modulation system. W. Seletzky. 1,935,342; Nov. 14.
 Modulation system. J. A. Willoughby. 1,896,268; Feb. 7.
 Mohair, Moth-proof. L. W. Larson. 1,918,849; July 18.
 Moistener for the gummed portion of envelopes, postage stamps, the finger of a person, and other similar uses. S. Brown. 1,910,146; May 23.
 Moistening device. T. H. and A. P. Krueger. 1,896,317; Feb. 7.
 Moisture content of gases, Apparatus for determining the. E. G. Guthrie and O. J. Wilbor. 1,894,172; Jan. 10.
 Moisture content of natural gas, System for maintaining a predetermined. H. E. Beane and G. P. Lonergan. 1,915,971; June 27.
 Moisture extracting apparatus. S. Butcher and C. J. Wilder. 1,908,284; May 9.
 Moisture indicator for paper making machines and pulp collecting machines and in similar apparatus. T. Källe. 1,903,716; Apr. 11.
 Moisture or consistency indicator. G. E. Webb. 1,930,831; Oct. 17.
 Moisture-proof covered bag. T. M. Avery. 1,803,666; Apr. 11.
 Moisture responsive instrument. H. B. Howry. 1,935,398; Nov. 14.
 Moisture take-up for jellies and preserves. L. C. Mazzola. 1,917,454; July 11.
 Moisture to textile materials, Apparatus for applying. E. Farrell. 1,935,022; Nov. 14.
 Molasses by means of electrolytic treatment, Bleaching. J. W. Thompson and J. W. Hinchley. 1,933,830; Nov. 7.
 Molasses product and making the same. J. C. MacLachlan. 1,897,729; Feb. 14.
 Mold. See—
 Baking mold. Ingot mold.
 Block forming mold. Matrix mold.
 Box mold. Meat mold.
 Brake shoe mold. Slicing mold.
 Brick mold. Receptacle mold.
 Casting mold. Rubber vulcanization mold.
 Cheese mold. Tooth mold.
 Concrete block mold. Typographical mold.
 Confection mold. Vault mold.
 Cooling mold. Vulcanizing mold.
 Glass mold. Water-cooled mold.
 Mold. C. T. Cahill. 1,905,897; Apr. 25.
 Mold. M. L. Doelman. 1,897,925-6; Feb. 14.
 Mold. W. F. Eppensteiner. 1,894,511; Jan. 17.
 Mold. C. J. Hubble and W. D. McCauley. 1,896,313; Feb. 7.
 Mold. W. E. Kemp. 1,902,559; Mar. 21.
 Mold. T. C. Korsmo. 1,940,173; Dec. 19.
 Mold. H. A. Rohrich and L. D. Soubier. 1,894,243; Jan. 10.
 Mold and bonding means. J. L. Bixby. 1,905,134; Apr. 25.
 Mold and core making. A. Stahn and B. Berghaus. 1,923,237; Aug. 22.
 Mold and making the same. P. Elbogen. 1,902,627; Mar. 21.
 Mold and making the same. J. F. Walsh and B. Andersen. 1,928,712; Oct. 3.
 Mold and method of forming articles, Heel. C. H. Ingwer. 1,932,548; Oct. 31.
 Mold cap, Linerless. A. L. Gagné and J. A. Snyder. 1,894,860; Jan. 17.
 Mold charges of molten glass, Process and apparatus for forming shaped. G. E. Howard. 1,905,468; Apr. 25.
 Mold closing apparatus, Automatic. C. E. Maynard. 1,900,455; Mar. 7.
 Mold construction for piling. S. Hallquist. 1,918,333; July 18.
 Mold construction for reproducing patterns in rubber. L. G. Copeman. 1,913,747; June 13.
 Mold copes, Drying. E. F. Begtrup. 1,895,219; Jan. 24.
 Mold cutter and finisher, Cornice. B. Germana. 1,908,664; May 9.
 Mold disintegrating station. L. A. Camerota. 1,912,361; June 6.
 Mold fermentation and apparatus therefor. C. H. Lilly. 1,936,983; Nov. 28.
 Mold filling apparatus, Centrifugal. W. Kurze. 1,894,877; Jan. 17.
 Mold filling machine. L. Berzon. 1,931,975; Oct. 24.
 Mold for articles of galvanoplastic material. G. Rosenqvist. 1,931,084; Oct. 17.
 Mold for artificial stones. H. Ackermann. 1,941,379; Dec. 26.
 Mold for cast stone and using the same. P. Tamagno. 1,902,977; Mar. 28.
 Mold for casting easily oxidizable metal, Manufacture of sand. M. N. Lacell. 1,935,591; Nov. 14.
 Mold for casting metal. H. Berve. 1,913,358; June 13.
 Mold for chocolate articles. A. E. van Emden. 1,932,298; Oct. 24.
 Mold for concrete. R. T. Wales. 1,906,291; May 2.
 Mold for concrete construction. G. L. Quick. 1,925,775; Sept. 5.
 Mold for cylinder packing. P. W. Dempsey. 1,910,525; May 23.
 Mold for fiber pulp and the like. F. S. Farley. 1,923,431; Aug. 22.
 Mold for flat packing. P. W. Dempsey. 1,910,526; May 23.
 Mold for forming chocolate articles. A. Perret. 1,906,882; May 2.
 Mold for glassware. L. Poglein. 1,908,861; May 16.
 Mold for making armatures. V. G. Apple. 1,932,391; Oct. 31.
 Mold for making commutators. V. G. Apple. 1,928,325; Sept. 26.
 Mold for making golf tees. J. Galemme. 1,928,312; Sept. 26.
 Mold for making pressed glass articles. N. Kopp. 1,898,251; Feb. 21.
 Mold for making swing joint dress ornaments. B. Mechlovits. 1,936,171; Nov. 21.
 Mold for making traffic markers. W. S. Sherman. 1,911,720; May 30.
 Mold for meat patties. A. A. Cole. 1,892,779; Jan. 3.
 Mold for molding objects from plastic material. O. Walter. 1,911,539; May 30.
 Mold for paper making machines, Suction cylinder. T. L. Formaini. 1,937,426; Nov. 28.
 Mold for shaping confections. C. R. Niklason. 1,928,391; Sept. 26.
 Mold forming apparatus. G. Ambuehl. 1,913,740; June 13.

- Mold forming machine. G. F. Yager and O. J. Heath. 1,939,585; Dec. 12.
- Mold jolting and ramming machine. J. E. Radigan. 1,932,803; Oct. 31.
- Mold making machine. E. F. Oyster. 1,931,902; Oct. 24.
- Mold mechanism for casting machines. A. D. Lund. 1,930,815; Oct. 17.
- Mold mounting device. W. L. McNamara. 1,909,374; May 16.
- Mold, Multiple. M. Guyot. 1,926,870; Sept. 12.
- Mold pouring apparatus. P. M. Payne. 1,923,553; Aug. 22.
- Mold press. P. O. Gunkel. 1,916,368; July 4.
- Mold separating press. G. Goebel. 1,934,188; Nov. 7.
- Mold to different sizes of tires, Adjusting a tire retreading. H. J. Woock. 1,907,026; May 2.
- Mold treating apparatus. W. E. Begley and H. H. McGregor. 1,924,018; Aug. 22.
- Molded article. R. A. Brennecke. 1,913,473; June 13.
- Molded article. N. S. Clay. 1,912,931; June 6.
- Molded article, Composite. C. F. Peterson. 1,907,303; May 2.
- Molded articles, Forming. J. J. Zelenka. 1,904,845; Apr. 18.
- Molded articles from plastic compositions, Production of. H. Lebach and J. K. Wirth. 1,917,451; July 11.
- Molded block. P. Maul and M. Hoffman. 1,922,774; Aug. 15.
- Molded gear. O. A. Cherry. 1,896,070; Feb. 7.
- Molded product, Laminated. R. H. Kienle and W. J. Scheiber. 1,921,757; Aug. 8.
- Molded products and manufacturing the same, Porous. M. H. Kliefoth. 1,919,372; July 25.
- Molded products, Manufacturing. C. E. Siegfried. 1,941,420; Dec. 26.
- Molded table cover. E. H. Ott and B. J. Gudge. 1,916,435; July 4.
- Molding. B. F. Conner. 1,935,942; Nov. 21.
- Molding. E. Lewis. 1,919,300; July 25.
- Molding. R. C. Schemmel. 1,900,769; Mar. 7.
- Molding. C. P. Schlegel. 1,895,689; Jan. 31.
- Molding. C. P. Schlegel. 1,914,217; June 13.
- Molding. L. E. Shaw. 1,916,495; July 4.
- Molding a motor mounting pad. J. F. Duffy. 1,917,929; July 11.
- Molding and pressing method and apparatus. J. N. Whitehouse. 1,919,918; July 25.
- Molding and the forming of sand molds. J. W. Hartley. 1,913,455; June 13.
- Molding apparatus. H. M. Ebmann. 1,907,941; May 9.
- Molding apparatus. A. L. Farmer. 1,939,885; Dec. 19.
- Molding apparatus. H. Lindenberger. 1,936,332; Nov. 21.
- Molding apparatus. J. W. Lowell. 1,922,168; Aug. 15.
- Molding apparatus. H. M. Pfager. 1,932,023; Oct. 24.
- Molding apparatus. J. W. Scott. 1,921,397; Aug. 8.
- Molding apparatus. L. E. Shaw. 1,919,534; July 25.
- Molding apparatus. I. Stees. 1,937,993; Dec. 6.
- Molding apparatus. D. L. Summey. 1,907,130; May 2.
- Molding apparatus. J. D. Walker. 1,913,178; June 6.
- Molding apparatus. G. Zimmermann. 1,905,357; Apr. 25.
- Molding apparatus and method. L. D. Kay. 1,911,757; May 30.
- Molding apparatus, Centrifugal. H. M. Naugle and A. J. Townsend. 1,903,906; Apr. 18.
- Molding, Apparatus for. P. Mahieu. 1,896,824; Feb. 7.
- Molding, Apparatus for shaping. H. C. Kinney. 1,900,939; Mar. 14.
- Molding appliance. W. J. Schultz. 1,911,040; May 23.
- Molding articles with inserts. F. J. Wallenberg. 1,918,505; July 18.
- Molding, Centrifugal. H. M. Naugle and A. J. Townsend. 1,908,170; May 9.
- Molding composition and a resinous condensation product resulting from its conversion by heat and pressure. E. C. Sherrard and E. Beglinger. 1,923,756; Aug. 22.
- Molding composition and treating. R. A. Plant and M. E. Brooks. 1,902,419; Mar. 21.
- Molding composition of fibrous vegetable material and furfural. E. C. Sherrard and E. Beglinger. 1,932,255; Oct. 24.
- Molding construction for composite panels. G. K. Lewis. 1,900,824; Mar. 7.
- Molding device. E. F. Waterbor. 1,912,673; June 6.
- Molding device, Centrifugal. W. R. Seigle. 1,897,401; Feb. 14.
- Molding, Dustproof trunk. A. J. Palumbo. 1,914,154; June 13.
- Molding, Electric outlet. P. J. Cassidy. 1,929,547; Oct. 10.
- Molding for ground wires and the like. A. Herz. 1,923,825; Aug. 22.
- Molding, Forming a drip. C. Rehbein. 1,915,102; June 20.
- Molding machine. J. J. Burns. 1,935,076; Nov. 14.
- Molding machine. V. S. Firestone. 1,931,185; Oct. 17.
- Molding machine. F. V. Johnson, E. D. Hanson, and D. V. Waters. 1,904,239; Apr. 18.
- Molding machine. B. H. Greene. 1,935,088; Nov. 14.
- Molding machine. F. E. Kraft. 1,899,277; Feb. 28.
- Molding machine. S. A. Norrick. 1,905,490; Apr. 25.
- Molding machine. A. W. Sizer. 1,909,228; May 16.
- Molding machine. A. W. Sizer. 1,925,010; Aug. 29.
- Molding machine and operating the same. K. E. W. J. J. Jagdmann and O. H. Bonter. 1,925,050; Aug. 29.
- Molding machine, Centrifugal. W. A. Geisler. 1,895,245; Jan. 24.
- Molding machine clamp. E. F. Oyster. 1,937,910; Dec. 5.
- Molding machine for pulp. W. J. De Reamer. 1,894,089; Jan. 10.
- Molding method and apparatus. R. E. Schirmer. 1,897,023; Feb. 7.
- Molding mixture and molded article. F. Groff. 1,931,958; Oct. 24.
- Molding mixture and preparing the same. J. H. Schmidt and R. S. Daniels. 1,917,815; July 11.
- Molding or casting apparatus. T. Lewin. 1,909,773; May 16.
- Molding powder and method of molding. M. Landecker. 1,904,243; Apr. 18.
- Molding press. J. W. Brundage. 1,895,603-4; Jan. 31.
- Molding press. H. D. Geyer. 1,918,532; July 18.
- Molding, Price tag. A. E. Grimshaw. 1,933,974; Nov. 7.
- Molding process and apparatus. F. H. Norton and E. R. Person. 1,914,037; June 13.
- Molding, Store fixture display. J. H. Esdorn. 1,902,769; Mar. 21.
- Molding substances and molded articles from synthetic resins and fillers, Preparing. M. Weger. 1,918,996; July 18.
- Molding, Upholstery. A. L. Howard. 1,907,070; May 2.
- Moldings, Securing garnish. B. C. Place. 1,906,884; May 2.
- Molds and cores, Process and product for coating. C. M. Saeger, jr. 1,901,124; Mar. 14.
- Molds, Apparatus for casting core. W. F. Eppensteiner. 1,894,983; Jan. 24.
- Molds, Apparatus for forming. H. Emery and A. Irvine. 1,935,549; Nov. 14.
- Molds, Apparatus for forming. J. E. Radigan. 1,894,324; Jan. 17.
- Molds, Cleaning. P. Klein and A. Szegvari. 1,917,039; July 4.
- Molds, Cleaning vulcanizing. F. K. Bezenberger. 1,910,277; May 23.
- Molds for casting metals, Forming composite. A. Walcher. 1,906,676; May 2.
- Molds, Making. E. Toman. 1,893,309; Jan. 3.
- Molds, Manufacture of foundry. J. B. Durand. 1,924,028; Aug. 22.
- Molds, Method and apparatus for making. J. Luton. 1,924,081; Aug. 22.
- Molds, Method of and apparatus for making. H. A. Wurster. 1,911,542; May 30.
- Molds or cores, Process and product for attaching portions of. C. M. Saeger, sr. 1,897,149; Feb. 14.
- Mole trap. J. Hassler. 1,924,241; Aug. 29.
- Molten materials, Method and apparatus for handling. F. B. Allen. 1,916,402; July 4.
- Molten materials, Method of and apparatus for preparing and handling. H. F. Carter. 1,904,853; Apr. 18.
- Molten substances and gases, Apparatus for performing reactions between. W. Moschel. 1,901,525; Mar. 14.
- Molybdenum and similar metals, Recovery of. P. Herold and G. A. Krajewski. 1,911,505; May 30.
- Molybdenum and tungsten carbonyl, Production of. M. Naumann. 1,921,536; Aug. 8.
- Molybdenum and tungsten carbonyls, Production of. M. Naumann and L. Schlecht. 1,894,239; Jan. 10.
- Molybdenum, Recovery of. K. Winkler and W. Kroenig. 1,923,652; Aug. 22.
- Money clip. G. E. Felsenthal. 1,899,753; Feb. 28.
- Money delivering machine. S. J. Bachardy. 1,916,246; July 4.
- Money handling machine. E. J. Brandt. 1,900,039; Mar. 7.
- Money handling machine. E. J. Brandt. 1,901,081; Mar. 14.
- Money handling machine. E. J. Brandt. 1,917,091; July 4.
- Monitoring system. L. B. Cook. 1,909,812; May 16.
- Mono-acetylated ethylene-diamine and its derivatives, Manufacture of. K. W. Rosenmund. 1,926,015; Sept. 5.
- Mono-azodyestuff and fiber dyed therewith, Water-insoluble. H. Eichwede. 1,927,115; Sept. 19.
- Monoazodyestuffs. H. Schweitzer. 1,903,599; Apr. 11.
- Monoazodyestuffs, Water-insoluble. H. Klingenstein and K. Dobmaier. 1,917,432; July 11.
- Monocoque body. S. I. Vaughn. 1,922,063; Aug. 15.
- Monogram. M. Chernow. 1,932,304; Oct. 24.
- Monogram, Garment. L. C. and C. Safr. 1,905,989; Apr. 25.
- Monogram structure. J. B. Gormley. 1,910,896; May 23.
- Monolithic reinforcement. G. G. Greulich. 1,937,018; Nov. 25.
- Mono-vinylacetylene, Hydrogenation of. W. S. Calcott, A. S. Carter and F. B. Downing. 1,920,242; Aug. 1.
- Monument. G. Ritter. 1,922,218; Aug. 15.
- Mooring and depthtaking under water of buoys, mines, and other apparatus, Device for automatic. E. Olmo. 1,910,998; May 23.
- Mooring and hoisting apparatus. W. E. Rouse. 1,902,972; Mar. 28.
- Mooring device. L. H. Beers. 1,923,657; Aug. 22.
- Mooring mast. P. H. Douglas. 1,914,408; June 20.
- Mooring system. H. L. Dowell and L. F. Stone. 1,931,107; Oct. 17.

- Mop. V. M. Bullis. 1924,978; Aug. 29.
Mop. E. W. and A. E. Byars. 1922,657; Aug. 15.
Mop. O. Carlson. 1,937,141; Nov. 28.
Mop. M. L. Cass. 1,920,355; Aug. 1.
Mop. J. Dion. 1,929,917; Oct. 10.
Mop. H. L. Flrtion. 1,901,842; Mar. 14.
Mop. J. Glover. 1,912,632; June 6.
Mop. J. Glover. 1,916,834; July 4.
Mop. E. B. Hall, jr. 1,896,843; Feb. 7.
Mop. H. Hertzberg. 1,922,621; Aug. 15.
Mop. T. Hill. 1,933,262; Oct. 31.
Mop. N. S. Hillyard. 1,897,726; Feb. 14.
Mop. E. M. Jackson. 1,934,542; Nov. 7.
Mop. E. Jumonville. 1,936,433; Nov. 21.
Mop. A. C. Kootz. 1,913,763; June 13.
Mop. A. C. Kootz. 1,919,471; July 25.
Mop. T. Sandler. 1,912,543; June 6.
Mop and mop wringer, Combined. J. W. Tatter. 1,924,817; Aug. 29.
Mop cleaner. M. Schempp. 1,929,609; Oct. 10.
Mop cleaner and dust receptacle. A. A. Reiser. 1,934,144; Nov. 7.
Mop cleaning machine, Dust. R. V. Riley. 1,914,295; June 13.
Mop connector. H. L. Bradley. 1,920,351; Aug. 1.
Mop construction. J. Glover. 1,916,213; July 4.
Mop head. J. Glover. Des. 90,703; Sept. 19.
Mop head. H. J. Lorang. 1,899,283; Feb. 28.
Mop head and the like. R. F. Henn. 1,936,509; Nov. 21.
Mop head, Collapsible. J. Glover. 1,916,214; July 4.
Mop holder. J. Canino. 1,934,342; Nov. 7.
Mop making machine. H. Cave. 1,911,550; May 30.
Mop mounting. W. A. West. 1,907,284; May 2.
Mop or brush holder. E. Parsons. 1,909,713; May 16.
Mop, Polishing. H. Hertzberg. 1,940,543; Dec. 19.
Mop soaking and wringing apparatus. J. Lisanti. 1,935,157; Nov. 14.
Mop, Squeezing. G. Kawasaki. 1,932,466; Oct. 31.
Mopstick head. J. W. Wohlhieter. 1,903,018; Mar. 28.
Mop swab and head. L. M. Thornton. 1,929,222; Oct. 3.
Mop using removable sponge or the like. E. J. Miller. 1,910,928; May 23.
Mop, Wet. H. Hertzberg. 1,933,802; Nov. 7.
Mop, Wringer. E. W. Byars. 1,922,658; Aug. 15.
Mopping, spreading, and polishing device. H. Ranish. 1,894,420; Jan. 17.
Mordanting assistant and using the same. A. A. Claffin. 1,911,307; May 30.
Mordanting, weighting, and dyeing. W. A. Dickie and F. B. Hill. 1,930,226; Oct. 10.
Morphine solutions, Production of. M. Woelm. 1,916,090; June 27.
Mortar and compounding the same, Hydraulic cement. F. C. Langenberg, H. S. Hunt, and H. G. Reddick. 1,908,636-7; May 9.
Mortar board cap. A. B. Brander. 1,934,114; Nov. 7.
Mortar box. J. A. Whelan. 1,903,347; Apr. 4.
Mortar, Hardening lime. R. W. Gelder. 1,898,358; Feb. 21.
Mortar, Preparation of refractory. E. Lux. 1,924,744; Aug. 29.
Mortise gauge. L. T. La Paugh and E. C. Shea. 1,926,904; Sept. 12.
Mortising Tool. C. C. Urban. 1,918,067; July 11.
Mortising tool, Power driven. J. C. Zipperer. 1,906,783; May 2.
Mortuary rack. L. I. Beckwith. 1,914,767; June 20.
Mortuary record container. H. P. Hansen. 1,900,708; Mar. 7.
Moth exterminator. H. L. Strongsen. 1,913,571; June 13.
Mothkiller receptacle. B. S. Donovan. 1,912,694; June 6.
Mothproofing. L. J. Christmann and D. W. Jayne, jr. 1,915,922; June 27.
Mothproofing substances. W. Lommel and H. Münzel. 1,923,223; Aug. 22.
Moth repellent. H. B. Ferguson. 1,898,621; Feb. 21.
Motion and the like, Converting. R. W. Rider. 1,924,516; Aug. 29.
Motion picture screen. A. L. Raven. 1,922,636; Aug. 15.
Motion pictures, Apparatus for projecting. G. F. Rackett. 1,918,488; July 18.
Motion pictures in color, Projecting. A. F. Victor. 1,918,724; July 18.
Motion pictures, System for projecting. W. Thorner. 1,918,788; July 18.
Motion resisting device, Lateral. J. G. Blunt. 1,922,876; Aug. 15.
Motion-reversing means. W. O. Westerdahl. 1,907,418; May 2.
Motion, Traverse. R. J. Bartholomew. 1,900,480; Mar. 7.
Motor: See—
Air motor. Electrical reciprocating motor.
Alternating current motor. Electromagnetic motor.
Capacitor motor. Explosion proof motor.
Condenser motor. Fluid motor.
Constant speed motor. Fluid operated motor.
Current motor. Fluid pressure motor.
Damper motor. Fly-wheel type motor.
Eight cylinder radial motor. Gear motor.
Electric motor. Geared electric motor.
Electric starting motor. Heat motor.
Electrical motor. Hydraulic motor.
Motor: See—
Hydraulic servo motor. Regulator motor.
Hydro pneumatic motor. Reversible motor.
Induction motor. Rotary gas motor.
Internal combustion motor. Rotary motor.
Locomotive booster motor. Round rotor reactor motor.
Loud speaker motor. Self starting electric motor.
Magnetic motor. Single-phase motor.
Multiple voltage capacitor motor. Small electric motor.
Multispeed split phase motor. Solenoid motor.
Oscillating motor. Spring motor.
Pendulum solenoid motor. Steam motor.
Piston motor. Submersible motor.
Potential electric motor. Synchronous motor.
Pressure driven motor. Toy motor.
Pressure fluid motor. Toy-supported motor.
Radial motor. Vacuum cleaner motor.
Railway motor. Ventilated motor.
Ratchet motor. Vernier motor.
Reciprocating motor. Water motor.
Rectilinear induction motor. Wave motor.
Regulator motor. Wind motor.
Reversible motor. Windshield motor.
Rotary gas motor.
Rotary motor.
Round rotor reactor motor.
Self starting electric motor.
Single-phase motor.
Small electric motor.
Solenoid motor.
Spring motor.
Steam motor.
Submersible motor.
Synchronous motor.
Toy motor.
Toy-supported motor.
Vacuum cleaner motor.
Ventilated motor.
Vernier motor.
Water motor.
Wave motor.
Wind motor.
Windshield motor.
Motor. J. M. Aufiero. 1,939,032; Dec. 12.
Motor. F. R. Higley. 1,915,995; June 27.
Motor. F. C. Holtz and F. Kurz. 1,933,590; Nov. 7.
Motor. F. C. Holtz and F. Kurz. 1,933,591; Nov. 7.
Motor. A. M. Lutes. 1,897,063; Feb. 14.
Motor and compressor, Combination electric. J. L. Jones. 1,926,444; Sept. 12.
Motor and control system therefor, Single-phase series railway. H. G. Jungk. 1,922,737; Aug. 15.
Motor and interrupting switch, Reciprocating. A. D. Altemiller. 1,925,360; Sept. 5.
Motor and manual adjusting means for photoprinting frames, Combined. H. C. Jones. 1,907,072; May 2.
Motor and motor control. O. E. Marvel. 1,928,108; Sept. 26.
Motor and starting the same, Electrical. M. E. Thompson. 1,933,774; Nov. 7.
Motor armatures, Producing. E. P. Larsh. 1,925,052; Aug. 29.
Motor assembly, Outboard. L. J. and H. L. Johnson. 1,920,923; Aug. 1.
Motor assembly, Shielded. C. E. Johnson. 1,919,557; July 25.
Motor attachment. M. Taigman. 1,931,305; Oct. 17.
Motor-car with sliding doors. O. Bally. 1,928,523; Sept. 26.
Motor commutating device, Direct current. E. Kern. 1,902,131; Mar. 21.
Motor-compressor, Crankless. R. Witkiewicz and A. Wicinski. 1,930,786; Oct. 17.
Motor-compressor unit. R. W. Davenport. 1,925,556; Sept. 5.
Motor compressor unit. C. E. Ploeger, A. E. Burgess, and W. A. Kuenzli. 1,910,498; May 23.
Motor construction. R. E. Deeble. 1,926,371; Sept. 12.
Motor construction, Electric. F. Adams. 1,936,744; Nov. 28.
Motor construction for automobiles, Demountable. D. E. Austin. 1,893,609; Jan. 10.
Motor control. P. Crout and C. Stansbury. 1,936,620; Nov. 28.
Motor control. H. L. Krum. 1,938,597; Dec. 12.
Motor control. R. E. Lee. 1,939,905; Dec. 19.
Motor control. C. F. E. Olofson. 1,909,886; May 16.
Motor control apparatus. C. W. Dalzell. 1,930,950; Oct. 17.
Motor control, Automatic system of. S. J. Nogosek. 1,939,720; Dec. 19.
Motor control, Hydraulic. W. Ferris and G. Macomber. 1,912,184; May 30.
Motor control, Internal-combustion. J. E. Belanger. 1,931,837; Oct. 24.
Motor control means, Hydraulic. W. Ernst. 1,927,583; Sept. 19.
Motor control, Outboard. F. T. Irgens. 1,932,521; Oct. 31.
Motor control, Remote. A. S. Benjamin. 1,921,799; Aug. 8.
Motor control system. A. Couwenhoven. 1,905,808; Apr. 25.
Motor control system. S. H. Cowin and L. J. Hibbard. 1,922,724; Aug. 15.
Motor control system. W. F. Eames. 1,905,275; Apr. 25.
Motor control system. W. F. Eames. 1,911,354; May 30.
Motor control system. W. F. Eames. 1,937,816; Dec. 5.
Motor control system. W. F. Eames and W. R. Harding. 1,909,047; May 16.
Motor control system. W. Endres and H. Hootz. 1,905,693; Apr. 25.
Motor control system. C. B. Huston. 1,908,250; May 9.
Motor-control system. F. E. Lewis. 1,934,507; Nov. 7.
Motor control system. N. L. Mortensen. 1,931,030; Oct. 17.
Motor control system. E. R. Morton. 1,930,279; Oct. 10.
Motor control system. S. J. Nogosek. 1,919,525; July 25.
Motor control system. R. M. Phillips. 1,899,586; Feb. 28.
Motor control system. T. R. Rhea and W. B. Snyder. 1,925,881; Sept. 5.
Motor control system. C. Schiebeler and A. Weiss. 1,919,989; July 25.
Motor control system. J. A. Setter. 1,901,672; Mar. 14.
Motor control system. C. W. Wyman. 1,940,926; Dec. 26.

- Motor control system, Direct current. E. Méjean. 1,939,309; Dec. 12.
- Motor control system, Electric. H. J. Coates. 1,936,448; Nov. 21.
- Motor control system, Electric. H. A. Wackerly. 1,906,889; May 2.
- Motor control, System of. A. Suksdorf. 1,915,961; June 27.
- Motor control system, Synchronous. S. C. Ewing. 1,896,074; Feb. 7.
- Motor control system, Synchronous. R. T. Kintzing. 1,895,931; Jan. 31.
- Motor control unit. H. J. L. Frank. 1,910,686; May 23.
- Motor controller. P. B. Harwood. 1,910,606; May 23.
- Motor controller. C. W. Kuhn. 1,929,745; Oct. 10.
- Motor controller. E. W. Seeger. 1,928,138; Sept. 26.
- Motor controlling device. C. R. Kely. 1,908,763; May 16.
- Motor controlling system, Electric. C. W. Wyman. 1,940,929; Dec. 26.
- Motor for elevator door operators. R. S. Peelle. 1,929,513; Oct. 10.
- Motorcycle, Front wheel drive. K. Kanai. 1,924,363; Aug. 29.
- Motorcycle, Towable. A. L. Hess. 1,921,029; Aug. 8.
- Motor drilling structure, Advancing. H. D. Sandstone. 1,923,015; Aug. 15.
- Motor drive for clock trains, Synchronous. M. J. Hanson. 1,925,835; Sept. 5.
- Motor drive, Plural. W. DeVries. 1,922,885; Aug. 15.
- Motor-driven pump. V. G. Apple. 1,897,784; Feb. 14.
- Motor driving spirits, Production of. H. Kaffer. 1,904,830; Apr. 18.
- Motor for boats, Outboard propelling. C. B. Samuelson. 1,894,710; Jan. 17.
- Motor for driving flexible shafts. V. G. Apple. 1,893,261; Jan. 3.
- Motor for internal combustion engines, Starting. F. Price. 1,925,057; Aug. 29.
- Motor for phonographs and the like, Alternating current electric. J. Bethend. 1,908,880; May 16.
- Motor for pumps and the like, Electromagnetic. C. J. Wanke. 1,926,074; Sept. 12.
- Motor for sprinklers, Water. W. Birrell. 1,921,020; Aug. 8.
- Motor for tilting propeller blades, Fluid pressure servo. A. Pfau. 1,901,772; Mar. 14.
- Motor for tree saws. F. W. Meyer. 1,894,883; Jan. 17.
- Motor gear. W. Ballentin, known as Mielke and E. Uhlich. 1,919,876; July 25.
- Motor governing device. D. J. Dolan. 1,920,067; July 25.
- Motor having high starting and pull-in torques, Synchronous. H. V. Putnam. 1,899,719; Feb. 28.
- Motor heat indicator. G. H. Townsend and R. T. Hurley. 1,895,885; Jan. 24.
- Motor heater. J. A. Knight. 1,911,123; May 23.
- Motor implement. C. S. Brown. 1,892,865; Jan. 3.
- Motor mount. J. L. De Rabot. 1,894,904; Jan. 17.
- Motor mount for milling machines. E. D. Vancil. 1,940,158; Dec. 19.
- Motor operated mechanism. I. E. McCabe. 1,901,402; Mar. 14.
- Motor operated valve. V. O. Beam. 1,905,884; Apr. 25.
- Motor operated valve. R. T. Williams. 1,901,070; Mar. 14.
- Motor operating switch. H. W. Crane. 1,916,360; July 4.
- Motor or other load device from an alternating current circuit, Method and apparatus for operating a. C. H. Willis and C. W. Stone. 1,937,371; Nov. 28.
- Motor protective apparatus. G. O. Wilms. 1,903,491; Apr. 11.
- Motor pump. V. G. Apple. 1,911,128; May 23.
- Motor reversing mechanism. J. Carroll and I. Levy. 1,936,572; Nov. 28.
- Motor starting device. C. F. Kettering and O. E. Marvel. 1,913,887; June 13.
- Motor starting system. M. E. Reagan. 1,930,538; Oct. 17.
- Motor starting system. C. C. Nelson and R. A. Crosby. 1,921,770; Aug. 8.
- Motor starting system, Electric. R. N. Early. 1,901,636; Mar. 14.
- Motor steering device, Outboard. C. M. Stover and J. W. Wright. 1,898,150; Feb. 21.
- Motor structure, Electric. R. S. Whaley. 1,914,390; June 20.
- Motor structure, Outboard. S. L. Wheeler. 1,932,810; Oct. 31.
- Motor support. F. Charavay. 1,909,611; May 16.
- Motor support. T. L. Fawick. Re18,810; May 2.
- Motor support. J. A. Rodgers. 1,901,474; Mar. 14.
- Motor support and frame connection. F. M. Guy. 1,917,644; July 11.
- Motor support, Resilient. F. L. Haushalter. 1,939,848; Dec. 19.
- Motor suspension. D. E. Carlson. 1,917,094; July 4.
- Motor suspension. G. R. Goldthwaite. 1,930,971; Oct. 17.
- Motor testing instrument. P. N. Elderkin. 1,936,128; Nov. 21.
- Motor transmission, Outboard. H. L. Mathias. 1,933,481; Oct. 31.
- Motor transmission, Outboard. H. L. Mathias. 1,941,360; Dec. 26.
- Motor vehicle brake. E. A. Dempsey. 1,939,605; Dec. 12.
- Motor vehicle brake. H. Hargreaves. 1,920,078; July 25.
- Motor vehicle brake. P. M. Miller. 1,909,881; May 16.
- Motor vehicle clutch. W. R. Griswold. 1,896,025; Jan. 31.
- Motor vehicle screen. H. A. Ballard. 1,892,975; Jan. 3.
- Motor vehicle wheel. P. M. Miller. 1,903,189; Mar. 28.
- Motor vehicle wheel. R. B. Miller. 1,936,851; Nov. 28.
- Motor with oil supply pipe, Submersible. E. Mendenhall and J. B. Van Horn. 1,925,334; Sept. 5.
- Motor with short-circuited secondary, Induction. J. W. Swendsen. 1,893,112; Jan. 3.
- Motor with short circuited secondary, Induction. J. W. Swendsen. 1,898,749; Feb. 21.
- Motors, Apparatus for controlling electric. J. H. Hall. 1,933,523; Oct. 31.
- Motors, Apparatus for winding spring. A. R. López. 1,914,748; June 20.
- Motors, Construction of loud speaker. R. J. Rockwell and A. F. Parkhurst. 1,897,399; Feb. 14.
- Motors, Controlling electric. R. W. Barr. 1,934,744; Nov. 14.
- Motors, Controlling electric. P. S. Stevens. 1,934,743; Nov. 14.
- Motors, Controlling electric. P. S. Stevens. 1,934,745; Nov. 14.
- Motors, Fuel and spark control for internal combustion. M. Mallory. 1,908,551; May 9.
- Motors, Laminated field assembly for electric. L. M. Persons. 1,922,216; Aug. 15.
- Motors, Operating polyphase alternating current. H. M. Hobart, F. O. Stebbins, and A. F. Gettelman. 1,902,444; Mar. 21.
- Motors, Starting alternating current. D. W. McLenegan. 1,932,280; Oct. 24.
- Motors, System for automatically controlling the speed of electric. Della Riccia. 1,926,668; Sept. 12.
- Motors, System of starting alternating current. F. W. Gay. 1,927,208; Sept. 19.
- Motors, Voltage compensated starting relay for split phase. C. A. Nickle. 1,921,204; Aug. 8.
- Mottled articles, Manufacturing molded. C. Woodruff. 1,920,120; July 25.
- Mount, Abrasive wheel. T. Larsson. 1,920,204; Aug. 1.
- Mount for clocks and other instruments. E. L. Carlson. 1,910,149; May 23.
- Mount for projecting lenses, Adjustable. W. F. Fouquet. 1,922,537; Aug. 15.
- Mount making machine. J. Flaws, jr. 1,907,532; May 9.
- Mounted body may be floated by fluid pressure, Means whereby a slidably. G. S. McGillycuddy. 1,912,292; May 30.
- Mounted device. S. B. Dunlap, sr. 1,930,938; Oct. 17.
- Mounting. E. P. Hammond. 1,931,726; Oct. 24.
- Mounting. C. C. Kritzer. 1,926,392; Sept. 12.
- Mounting. I. P. Whitehouse. Re19,016; Dec. 5.
- Mounting. I. P. Whitehouse. 1,905,540; Apr. 25.
- Mounting, Airplane motor. G. M. Bellanca. 1,934,678; Nov. 14.
- Mounting and assembly, Adjustable shaft. J. P. Lavigne. 1,924,072; Aug. 22.
- Mounting and display means for articles of merchandise. E. M. Goldsmith. 1,929,167; Oct. 3.
- Mounting and making the same, Ophthalmic. J. A. Sweeney. 1,899,736; Feb. 28.
- Mounting apparatus for motion picture projection machines, Gate on lens. A. Dina. 1,907,753; May 9.
- Mounting, Automobile indicator. E. C. Hendel. 1,914,424; June 20.
- Mounting, Backboard. F. C. Armstrong. 1,929,574; Oct. 10.
- Mounting, Bearing. E. P. Larsh. 1,895,288; Jan. 24.
- Mounting, Bearing. F. G. Palmgren. 1,904,247; Apr. 18.
- Mounting, Bearing. G. Wistrand. 1,904,258; Apr. 18.
- Mounting bracket. J. B. McFarlin. 1,911,380; May 30.
- Mounting, Brake shoe. R. B. Pogue. 1,924,376; Aug. 29.
- Mounting, Control rod. L. H. Kai and H. Weber. 1,899,198; Feb. 28.
- Mounting corner, Transparent. A. W. Engel. 1,913,110; June 6.
- Mounting crank-shaft bearing. H. E. Brunner. 1,939,618; Dec. 12.
- Mounting device. L. E. Hendee. 1,908,758; May 16.
- Mounting device for concrete wall structures and the like. A. H. Schaffert. 1,924,884; Aug. 29.
- Mounting device for instruments. W. J. Cameron. 1,934,698; Nov. 14.
- Mounting, Die and punch. L. V. Whistler. 1,939,478; Dec. 12.
- Mounting, Disk wheel. C. L. Eksergian. 1,934,971; Nov. 14.
- Mounting, Door. A. I. Epton and M. W. Feldman. 1,925,798; Sept. 5.
- Mounting, Doorknob and escutcheon. J. A. Rymer. 1,910,859; May 23.
- Mounting, Drill. V. L. Scott. 1,917,069; July 4.
- Mounting, Electric switch. I. E. McCabe. 1,934,200; Nov. 7.
- Mounting, Electrottype-plate. W. S. Warnock. 1,908,497; May 9.
- Mounting, Engine. L. H. Thoen. 1,920,444; Aug. 1.
- Mounting, Engine. R. S. Trott. 1,897,014; Feb. 7.
- Mounting, Eyeglass or spectacle. W. E. McDonnell and R. J. Groh, jr. 1,937,902-3; Dec. 5.
- Mounting, Flexible spring shackle. R. C. Stolte. 1,929,796; Oct. 10.
- Mounting for acid bottles. R. C. Lunsford, jr. 1,905,116; Apr. 25.

- Mounting for aeroplanes and the like, Propeller. S. S. Varkas. 1,914,763; June 20.
- Mounting for autocollimators. E. J. Seidenberg. 1,918,292; July 18.
- Mounting for automobile heaters. J. C. Nichols. 1,910,630; May 23.
- Mounting for bearing housings and the like, Sheet metal. O. Mitchell. 1,927,523; Sept. 19.
- Mounting for bearings, Resilient. A. Farrell. 1,908,743; May 16.
- Mounting for boilers, Drum. M. Liptak. 1,919,893; July 25.
- Mounting for books and the like. G. H. Zieschang. 1,936,704; Nov. 28.
- Mounting for brackets. G. J. Dilg. 1,933,719; Nov. 7.
- Mounting for centrifugal extractors, Aperiodic. T. A. Bryson. 1,933,310; Oct. 31.
- Mounting for centrifugal pump impellers. H. J. Schellhammer. 1,912,408; June 6.
- Mounting for coil springs. H. C. Flint. 1,940,853; Dec. 26.
- Mounting for colorimeter plunger and the like. G. Fassin. 1,939,547; Dec. 12.
- Mounting for direct motor drive sander drums. F. L. Lane. 1,915,323; June 27.
- Mounting for dirigible headlights. J. Hangonyi. 1,939,550; Dec. 12.
- Mounting for garment carriers, Extension. J. J. Knappe. 1,921,828; Aug. 8.
- Mounting for guy protectors or guards. A. McIlrath. 1,916,382; July 4.
- Mounting for hand grinding devices. L. Schulte. 1,917,906; July 11.
- Mounting for hand mirrors and similar articles. W. F. Mowry. 1,940,502; Dec. 19.
- Mounting for hard cutting material. T. O. Mackey and J. H. Howard. 1,909,975; May 23.
- Mounting for inspection reels and the like, Roll shaft. W. J. Cullen. 1,921,405; Aug. 8.
- Mounting for jewelry, Composite unit. K. R. Staufenbeil. Des. 90,893; Oct. 10.
- Mounting for machine guns. T. J. Heavey. 1,903,508; Apr. 11.
- Mounting for measuring instruments. J. B. Merlam. 1,909,296; May 16.
- Mounting for motor driven tools, Adjustable and interchangeable. E. P. Sacrey. 1,899,883; Feb. 28.
- Mounting for motor vehicles and trailers, Spring. A. F. Kuester. 1,898,191; Feb. 21.
- Mounting for ornamental articles. F. M. Kane. 1,927,038; Sept. 19.
- Mounting for pictures, panels, and the like. S. Hammer. 1,893,168; Jan. 3.
- Mounting for pulley structures, Pivotal. W. D. Mamerstadt. 1,935,877-8; Nov. 21.
- Mounting for rear-vision mirrors. E. C. Booth. 1,934,223; Nov. 7.
- Mounting for rock drills. W. A. Smith, sr., and W. A. Smith, jr. 1,911,975; May 30.
- Mounting for rock drills, Air feed. F. M. Slater. 1,898,645; Feb. 21.
- Mounting for rotatable cylinders, Shaft. O. Mitchell. 1,903,060; Mar. 28.
- Mounting for rotor plates of multiple variable condensers. S. Cohen. 1,939,876; Dec. 19.
- Mounting for sliding drawers. D. E. Hunter. 1,938,908; Dec. 12.
- Mounting for sliding vehicle windows. E. W. Ericson. 1,923,665; Aug. 22.
- Mounting for sound-on-film reproducers, Exciter lamp. C. W. Ebeling. 1,895,455; Jan. 31.
- Mounting for switches and other electrical apparatus. T. E. Murray and T. E. Murray, jr. Re18,985; Oct. 31.
- Mounting for the slide valves of triple valves, Bow-spring. C. A. Campbell. 1,929,576; Oct. 10.
- Mounting for truck and trailer axles, Tandem. W. S. Gorton, J. Plint and H. Nyberg. 1,926,334; Sept. 12.
- Mounting for tubular handles. G. W. Allen. 1,932,126; Oct. 24.
- Mounting for vehicle springs, Combined shackle and bearing. E. L. Goltry. 1,922,000; Aug. 8.
- Mounting for wall fixtures and the like. G. B. Jenkinson. 1,929,171; Oct. 3.
- Mounting for window shades, Adjustable. N. Slobotkin. 1,901,674; Mar. 14.
- Mounting for windows, Screen and storm sash. P. Dietz. 1,895,312; Jan. 24.
- Mounting, Front motor. E. L. Wylie and E. H. Mohme. 1,896,859; Feb. 7.
- Mounting, Header and windshield. H. G. Thunder. 1,915,109; June 20.
- Mounting, Horn. L. H. Middleton. 1,936,850; Nov. 28.
- Mounting, Instrument. J. Zubaty. 1,902,932; Mar. 28.
- Mounting, Internal combustion engine. R. K. Lee. 1,902,509; Mar. 21.
- Mounting, Last. J. Amico. 1,936,418; Nov. 21.
- Mounting, Lens. C. E. Godley. 1,902,997; Mar. 28.
- Mounting, Light filter. J. Obermeyer and A. Bostroem. 1,910,855; May 23.
- Mounting, Loud speaker. W. H. Atkinson. 1,930,577; Oct. 17.
- Mounting, Loud speaker. F. P. Bartlett. 1,924,591; Aug. 29.
- Mounting, Loud speaker. G. L. Beers and W. S. Barden. 1,902,609; Mar. 21.
- Mounting means for electrical conductors, Terminal. E. B. Fairbanks. 1,936,296; Nov. 21.
- Mounting, Motor. H. A. King. 1,927,644; Sept. 19.
- Mounting, Motor. R. K. Lee. 1,913,936; June 13.
- Mounting, Motor. R. K. Lee. 1,924,504; Aug. 29.
- Mounting, Motor. H. Stein. 1,899,596; Feb. 28.
- Mounting, Motor compressor. E. B. Carpenter. 1,911,804; May 30.
- Mounting of detector element in shuttle for electrical web detection. R. G. Turner. 1,912,048; May 30.
- Mounting, Ophthalmic. J. W. Aspenleiter. 1,939,534; Dec. 12.
- Mounting, Ophthalmic. N. M. Baker. 1,905,675; Apr. 25.
- Mounting, Ophthalmic. E. J. R. Beattey. 1,934,906; Nov. 14.
- Mounting, Ophthalmic. E. J. R. Beattey. 1,940,113; Dec. 19.
- Mounting, Ophthalmic. T. E. Bosworth. 1,935,433; Nov. 14.
- Mounting, Ophthalmic. O. W. Dechau. 1,907,749; May 9.
- Mounting, Ophthalmic. J. N. Nelson. 1,932,282; Oct. 24.
- Mounting, Ophthalmic. J. N. Nelson. 1,940,140; Dec. 19.
- Mounting, Ophthalmic. G. E. Nerney. Des. 91,175; Dec. 12.
- Mounting, Ophthalmic. E. M. Splaine. 1,936,773; Nov. 28.
- Mounting, Ophthalmic. F. A. Stevens. 1,931,941; Oct. 24.
- Mounting, Optical. G. J. Lowres. 1,934,985; Nov. 14.
- Mounting, Outboard motor. F. T. Irgens. 1,932,785; Oct. 31.
- Mounting, Outboard motor. E. A. Witke. 1,895,696; Jan. 31.
- Mounting, Plate. A. R. Trist. 1,916,777; July 4.
- Mounting plate and face assembly. J. Zubaty and D. E. Keeney. 1,897,966; Feb. 14.
- Mounting plate for outlet boxes. D. L. Butow. 1,921,151; Aug. 8.
- Mounting, Pump rod stuffing box. W. W. Foster. 1,902,360; Mar. 21.
- Mounting, Radius rod. A. F. Masury. 1,914,444; June 20.
- Mounting, Railway journal box. H. A. Bergert. 1,935,763; Nov. 21.
- Mounting, Rear axle. K. M. Wise. 1,939,155; Dec. 12.
- Mounting, Rear chassis spring. C. L. McCuen. 1,899,913; Feb. 28.
- Mounting, Relay. W. F. Cassidy, jr. 1,940,844; Dec. 26.
- Mounting, Rock drill. C. A. Hultquist. 1,914,430; June 20.
- Mounting, Roll. L. Iversen. Re18,992; Nov. 7.
- Mounting, Roll. L. Iversen. 1,900,344; Mar. 7.
- Mounting, Roll. H. H. Talbot. 1,924,333; Aug. 29.
- Mounting, Rudder. O. S. Lantz. 1,916,802; July 4.
- Mounting, Self-closing sugar bowl. H. C. Gessler. 1,900,643; Mar. 7.
- Mounting, Shaft. N. Skillman. 1,903,433; Apr. 11.
- Mounting, Shaft. N. Skillman. 1,904,769; Apr. 18.
- Mounting, Shock absorbing. A. J. Sinclair and J. W. Sailer. 1,940,330; Dec. 19.
- Mounting, Sole presser. A. F. Totz. 1,914,655; June 20.
- Mounting, Spotlight. H. R. Gross. 1,940,348; Dec. 19.
- Mounting, Spring. W. D. Kessler. 1,897,807; Feb. 14.
- Mounting, Spring. C. Redford. 1,898,217; Feb. 21.
- Mounting, Spring. C. A. Tea. 1,934,892; Nov. 14.
- Mounting, Stripper bar. L. E. Wirth. 1,899,405; Feb. 28.
- Mounting structure for antifriction bearings. W. F. Smith. 1,909,230; May 16.
- Mounting structure, Side wall. J. Kublanow. 1,932,274; Oct. 24.
- Mounting, Switch and fuse. T. E. Murray, jr. 1,906,080; Apr. 25.
- Mounting, Temple. J. N. Nelson. 1,906,330; May 2.
- Mounting, Tilting axle and wheel. J. Walker. 1,913,822; June 13.
- Mounting, Truck frame. F. H. Bender. 1,902,823; Mar. 28.
- Mounting, Trunnion table. H. E. Tautz. 1,910,651; May 23.
- Mounting unit, Resilient. H. D. Geyer. 1,930,310; Oct. 10.
- Mounting units. S. G. Dunning. 1,893,699; Jan. 10.
- Mounting, Vehicle shock absorber. E. J. Farkas. 1,898,721; Feb. 21.
- Mounting, Vehicle spring. E. S. MacPherson. 1,899,624; Feb. 28.
- Mounting, Vehicle wheel. A. W. Woodward. 1,913,351; June 6.
- Mounting, Vibration absorbing. F. H. Hibbard. 1,912,451; June 6.
- Mounting, Vibration dampening. H. C. Lord. 1,940,686; Dec. 26.
- Mounting, Wall cabinet. S. Hammer. 1,916,509; July 4.
- Mounting, Wheel. G. A. Crowther. 1,940,675; Dec. 26.
- Mounting, Wheel V. Mendez. 1,935,651; Nov. 21.
- Mounting wheels on hubs, Device for. P. M. Bourdon. 1,920,350; Aug. 1.
- Mounting, Window screen. R. C. Bevans. 1,915,589-90; June 27.
- Mounting, Wind wing. W. E. Shehan and G. Bell. 1,939,727; Dec. 19.
- Mountings, Construction of ophthalmic. E. J. R. Beattey. 1,932,261; Oct. 24.
- Mountings for metallic drums, Securing bushing. L. B. Wackman. 1,931,243; Oct. 17.

- Mouse and rat trap, Combination. W. A. Gray. 1,934,705; Nov. 14.
- Mouse trap. C. F. Scott. 1,930,886; Oct. 17.
- Mouth cleansing device. H. Andvig. 1,920,165; Aug. 1.
- Mouthpiece for cigarettes. J. F. Hughes. 1,916,799; July 4.
- Mouthpiece for collapsible tubes, Self-opening and closing. D. D. Devlin and R. W. Pittman. 1,934,045; Nov. 7.
- Mouthpiece for telephone transmitters, Silencer. E. V. Husson. 1,902,556; Mar. 21.
- Mouthpiece for tobacco pipes. R. A. Gillies. 1,935,356; Nov. 14.
- Mouthpiece of wind musical instruments. W. Gemeinhardt. 1,796,814; Feb. 7.
- Movement following a logarithmic law, Device for producing a. F. M. M. B. Salomon and H. P. Govare. 1,895,347; Jan. 24.
- Movement, System for transmitting. G. De Monge. 1,902,356; Mar. 21.
- Moving pictures the appearance of relief, Device for giving. C. Maury and V. A. Houssin. 1,919,115; July 18.
- Moving sign. M. B. Benson. 1,907,235; May 2.
- Moving vane instrument. J. L. Stratton. 1,940,334; Dec. 19.
- Mower. S. C. Dessel. 1,923,921; Aug. 22.
- Mower. R. S. Kinkead. 1,917,649; July 11.
- Mower. T. W. Paul. 1,915,548; June 27.
- Mower. C. Pearson. 1,911,388; May 30.
- Mower and the like. H. W. Bolens. 1,927,152; Sept. 19.
- Mower attachment for endless tread tractor. J. E. Horste. 1,899,329; Feb. 28.
- Mower attachment for road machines. E. D. Wilson. 1,938,882; Dec. 12.
- Mower attachment, Lawn. W. M. Bley. 1,899,305; Feb. 28.
- Mower attachment, Lawn. S. J. Hines. 1,911,278; May 30.
- Mower attachment, Lawn. A. Smath and E. Bayer. 1,913,094; June 6.
- Mower attachment, Lawn. F. B. Sullivan. 1,929,337; Oct. 3.
- Mower blade. S. C. Jessup. 1,903,183; Mar. 28.
- Mower for highways. L. M. Landing. 1,911,518; May 30.
- Mower, Gang. C. G. Kruckemeyer. 1,904,376; Apr. 18.
- Mower, Gang lawn. C. C. Worthington. 1,902,928; Mar. 28.
- Mower guide for lawn fixtures. O. Schrickel. 1,916,494; July 4.
- Mower, Hand. C. T. Felts. 1,922,126; Aug. 15.
- Mower, Lawn. W. A. Anderson. 1,932,201; Oct. 24.
- Mower, Lawn. W. Burcke. 1,935,013; Nov. 14.
- Mower, Lawn. P. J. Carolus. 1,899,181; Feb. 28.
- Mower, Lawn. T. J. Edwards. 1,904,280; Apr. 18.
- Mower, Lawn. J. H. Farmer. 1,896,442; Feb. 7.
- Mower, Lawn. C. A. Frey. 1,899,564; Feb. 28.
- Mower, Lawn. J. Glaser. 1,912,836; June 6.
- Mower, Lawn. C. A. Gratiot. 1,899,439; Feb. 28.
- Mower, Lawn. J. Jacobson. 1,940,216; Dec. 19.
- Mower, Lawn. A. F. Moyer. 1,900,726; Mar. 7.
- Mower, Lawn. G. H. Nobbs. 1,894,053; Jan. 10.
- Mower, Lawn. J. A. Pavelko. 1,913,721; June 13.
- Mower, Lawn. L. W. Vachon. 1,917,782; July 11.
- Mower, Motor lawn. C. Pearson. 1,906,871; May 2.
- Mower, Power. S. D. Harman. 1,894,312; Jan. 17.
- Mower, Power. W. F. Krenzke. 1,900,062; Mar. 7.
- Mower, Power lawn. L. B. Roth. 1,902,524; Mar. 21.
- Mower, Power operated lawn. W. E. Beazley. 1,818,944; Sept. 12.
- Mower, Power propelled. S. P. Eckberg. 1,922,284; Aug. 15.
- Mower, Tractor. C. Pearson. 1,911,387; May 30.
- Mower, Tractor. C. Pearson. 1,923,952; Aug. 22.
- Mowing and cultivating machine, Combination. M. Soss. 1,917,556; July 11.
- Mowing device. B. F. Gravely. 1,901,293; Mar. 14.
- Mowing machine. S. E. Rawls. 1,908,555; May 9.
- Mowing machine. J. E. Horste. 1,939,851; Dec. 19.
- Mowing machine. J. G. Rayniak. 1,910,447; May 23.
- Mowing machine attachment. C. E. Fox. 1,907,291; May 2.
- Mowing machine, Lawn. F. B. Mingus. 1,900,838; Mar. 7.
- Mowing machines, Dividing attachment for. A. J. Rivington. 1,894,542; Jan. 17.
- Mowing machines, Seed gatherer for. C. King. 1,903,769; Apr. 18.
- Mucilage spreader. W. W. S. Carpenter. 1,921,248; Aug. 8.
- Mucker. J. S. Finlay and E. B. Royle. 1,906,000; Apr. 25.
- Mud jack sleeve for highways and the like. E. J. Aylward. 1,933,469; Oct. 31.
- Muffler. A. Y. Dodge. 1,909,394; May 16.
- Muffler. L. L. Haas and G. C. Starkweather. 1,924,605; Aug. 29.
- Muffler. G. M. Hartsock. 1,934,462-3; Nov. 7.
- Muffler. W. A. Jack. 3d. 1,921,468; Aug. 8.
- Muffler. G. K. Newell. 1,927,947; Sept. 26.
- Muffler. Q. G. Noblitt and E. Ludlow. 1,931,736; Oct. 24.
- Muffler. V. Oldberg. 1,938,973; Dec. 12.
- Muffler. E. H. Rustin and D. J. Iulo. 1,892,853; Jan. 3.
- Muffler. E. E. Wilson. 1,909,511; May 16.
- Muffler and supercharger, Gas engine. G. P. Smith. 1,900,626-7; Mar. 7.
- Muffler, Blow-off. C. W. Ploen. 1,917,542; July 11.
- Muffler for internal combustion engines. E. H. Radecky. 1,901,381; Mar. 14.
- Muffler for internal combustion engines, Exhaust. B. G. Harley. 1,922,848; Aug. 15.
- Mug, Barber. E. Eaves. 1,901,738; Mar. 14.
- Mug or the like, Beer. I. Florman. Des. 90,022; May 30.
- Mulch and making and applying the same. G. B. Hoag. 1,910,289; May 23.
- Mulcher. J. Lessig. 1,910,299; May 23.
- Muller. R. H. McElroy and P. A. Meehan. 1,910,028; May 23.
- Mulching, harrowing, hoeing and rolling machine, Combination. B. P. Johnson. 1,931,960; Oct. 24.
- Mulching product and producing and using the same. C. C. Bryant. 1,931,248; Oct. 17.
- Multicage elevator. H. D. James and D. G. Boozer. 1,914,128; June 13.
- Multicolor layer for color photography and manufacturing the same. K. Bialon. 1,926,643; Sept. 12.
- Multiconductor system for signaling circuits. H. Nyquist. 1,928,735; Oct. 3.
- Multicontact switch. J. F. D. Hoge. 1,901,449; Mar. 14.
- Multicopying device. F. W. Storck. 1,926,817; Sept. 12.
- Multihigh rolling mechanism. W. Rohn. 1,903,724; Apr. 11.
- Multiple booster or multiple vibration generator. S. Loewe. 1,901,605; Mar. 14.
- Multiple diaphragm pump. E. C. Horton. 1,920,014; July 25.
- Multiple disk clutch. G. W. Emrick. 1,903,963; Apr. 18.
- Multiple fuse plug. G. W. Harrison. 1,935,947; Nov. 21.
- Multiple junction box. L. A. Sharp. 1,925,849; Sept. 5.
- Multiple key lock. G. D. Hill. 1,917,302; July 11.
- Multiple lock switch. G. Leiva. 1,912,945; June 6.
- Multiple spindle drill, Multiple operation. J. W. Brown, Jr. 1,911,302; May 30.
- Multiple switch. A. W. Tyler. 1,910,660; May 23.
- Multiple unit switch. J. J. Neuman. 1,939,185; Dec. 12.
- Multiple-unit tube. S. Loewe. 1,895,254-5; Jan. 24.
- Multiple vending machine. C. Walker. 1,895,953; Jan. 31.
- Multiple voltage capacitor motor. C. L. Hamm. 1,906,463; May 2.
- Multiple-way valve. R. S. Newton. 1,921,092; Aug. 8.
- Multiplication and keying system, Frequency. A. H. Taylor. 1,898,103; Feb. 21.
- Multiplication device. G. Mez. 1,922,971; Aug. 15.
- Multiplication, Frequency. W. Buschbeck. 1,925,520; Sept. 5.
- Multiplication system, Frequency. A. Hund. 1,908,249; May 9.
- Multipiler, Frequency. R. N. Harmon. 1,936,789; Nov. 28.
- Multiplier, Frequency. A. Hund. 1,929,067; Oct. 3.
- Multiplier, Reversing. W. M. Wattie and K. S. Whitten. 1,904,338; Apr. 18.
- Multiplying attachment for cameras. J. C. Hunter. 1,936,512; Nov. 21.
- Multiplying machine and cycle controller therefor. J. M. Cunningham. 1,933,714; Nov. 7.
- Multispeed split phase motor. C. H. Dederick and W. R. Appleman. 1,918,323; July 18.
- Multistamping machine. A. Podrábský. 1,926,985; Sept. 12.
- Multithermometer, Clinical. O. Smith. 1,935,784; Nov. 21.
- Mural decoration. G. V. E. Watson and R. O. Stubbins. 1,903,152; Mar. 28.
- Mushroom spawn and substrate therefor. G. R. Rettew. 1,939,600; Dec. 12.
- Mushroom spawn culture. L. F. Lambert. 1,938,341; Dec. 5.
- Music, Apparatus for the production of. B. F. Miessner. 1,929,029-31; Oct. 3.
- Music, Apparatus for the production of. B. F. Miessner and C. T. Jacobs. 1,929,032; Oct. 3.
- Music, Apparatus for producing accompanying. M. Drexler. 1,938,584; Dec. 12.
- Music holder. J. T. Haight. 1,897,799; Feb. 14.
- Music, Method and apparatus for the production of. C. T. Jacobs. 1,906,607; May 2.
- Music, Method and apparatus for the production of. C. T. Jacobs. 1,915,861; June 27.
- Music, Method and apparatus for the production of. C. T. Jacobs. 1,933,294; Oct. 31.
- Music, Method and apparatus for the production of. C. T. Jacobs. 1,933,296; Oct. 31.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,912,293; May 30.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,915,858; June 27.
- Music, Method and apparatus for the production of. B. F. Miessner and C. T. Jacobs. 1,915,859-60; June 27.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,929,027-8; Oct. 3.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,933,295; Oct. 31.
- Music, Method and apparatus for the production of. B. F. Miessner. 1,933,297-8; Oct. 31.
- Music, Producing. F. A. Hoschke. 1,932,311; Oct. 24.
- Music sheet turner. A. Boehler. 1,914,070; June 13.
- Musical fountain. E. O. Zynda. 1,912,562; June 6.
- Musical instrument. A. N. Curtiss. 1,907,936; May 9.
- Musical instrument. R. Dopyera. 1,896,484; Feb. 7.

- Musical instrument. J. H. Hammond, jr. 1,893,895; Jan. 10.
- Musical instrument. A. R. Harmon. 1,924,854; Aug. 29.
- Musical instrument. V. H. Severy. 1,935,215; Nov. 14.
- Musical instrument. C. R. Smith. 1,918,295; July 18.
- Musical instrument. Electric. C. D. Lindridge. 1,940,093; Dec. 19.
- Musical instrument, Electric keyboard. M. L. E. Martenot. 1,914,831; June 20.
- Musical instrument, Electrical. N. Langer. 1,937,389; Nov. 28.
- Musical instrument, Electrical. M. L. Severy. 1,899,884; Feb. 28.
- Musical instrument, Electricity-controlled. O. Vierling. 1,933,299; Oct. 31.
- Musical instrument of the violin type. G. Eisenberg. 1,900,489; Mar. 7.
- Musical instrument or similar article, Stringed. P. S. Elmore. Des. 89,880; May 16.
- Musical instrument. Percussion. L. B. Greenleaf. 1,935,566; Nov. 14.
- Musical instrument stand. P. E. Blondin. 1,907,238; May 2.
- Musical instrument, Stringed. E. F. Baker. 1,893,264; Jan. 3.
- Musical instrument, Stringed. W. A. Bowman. Des. 90,472; Aug. 15.
- Musical instrument, Stringed. H. Kuhmeyer. 1,932,975; Oct. 31.
- Musical instrument, Stringed. M. Maccaferri. 1,908,613; May 9.
- Musical instrument, Stringed. G. Stössel. 1,931,418; Oct. 17.
- Musical instrument, Stringed. R. M. Sullivan. 1,895,383; Jan. 24.
- Musical instrument, Stringed. N. Turturro. 1,912,106; May 30.
- Musical instrument, Wind. P. J. Burkle. 1,905,141; Apr. 25.
- Musical instrument, Wind. W. P. Dausman. 1,938,321; Dec. 5.
- Musical instruments, Expression-control device for. M. L. Severy. 1,910,129; May 23.
- Musical instruments, Shoulder rest for stringed. E. C. Ebert. 1,920,850; Aug. 1.
- Musical system, Synthetic electrical. I. Eremeeff. 1,924,713; Aug. 29.
- Musical time indicator. L. G. Fascinato. 1,930,997; Oct. 17.
- Musical tones and sounds, Apparatus for producing. E. D. Hecox. 1,893,838; Jan. 10.
- Musical trap holder. L. B. Greenleaf. 1,924,784; Aug. 29.
- Musical wind instrument. F. Kull. 1,932,742; Oct. 31.
- Musical wind instruments, Pad for. W. C. Weeks. 1,918,506; July 18.
- Musk, Artificial. J. W. Borman. 1,926,080; Sept. 12.
- Muting device. A. W. Clausen. 1,926,969; Sept. 12.
- Muzzle attachment for guns. C. F. Hofstetter. 1,939,700; Dec. 19.
- Muzzle, Grazing. J. B. Miner. 1,927,242; Sept. 19.
- Nail. R. J. Farrell. 1,921,514; Aug. 8.
- Nail, Clinging wire. E. H. Curtis. 1,933,317; Oct. 31.
- Nail file handle. C. L. Farris. 1,897,754; Feb. 14.
- Nail, Furring. J. E. Jeffs and D. Powell. 1,928,335; Sept. 26.
- Nail guiding means. H. Paxton. 1,910,633; May 23.
- Nail, Roofing. E. Caughey. 1,940,534; Dec. 19.
- Nail, Shoe or hob. S. Franzinelli. 1,931,186; Oct. 17.
- Nail strip feeder. W. H. Johnson. 1,936,940; Nov. 28.
- Nailing machine. H. Kruse. 1,903,700; Apr. 11.
- Nailing machine. H. W. Morgan. 1,904,507; Apr. 18.
- Nailing machine. H. W. Morgan. 1,913,717; June 13.
- Nails, Making wire. R. J. Farrell. 1,921,515; Aug. 8.
- Nails, Process and apparatus for polishing finger. E. M. O'Donnell. 1,893,561; Jan. 10.
- Naphtha, Stabilization of. C. C. Miller. 1,924,196; Aug. 29.
- Naphtha stocks, Purifying. D. E. Day. 1,902,221; Mar. 21.
- Naphthalene and related condensed aromatic ring compounds, Oxidizing. H. O. Forrest and Per. K. Frolich. 1,936,427; Nov. 21.
- Naphthalene, Chlorination of. R. Engelhardt. 1,933,422; Oct. 31.
- Naphthalene from gases, Removing. W. Mühlendyck. 1,937,460; Nov. 28.
- Naphthalene, Hydrogenation of. J. Varga. 1,894,924-5; Jan. 17.
- Naphthalene-1,4,5,8-tetracarboxylic acid, Preparing derivatives of. G. Kränzlein and H. Vollmann. 1,920,406; Aug. 1.
- Naphthalenes from technical naphthalene, Production of hydrogenated. H. Broche and H. Schmitz. 1,896,282; Feb. 7.
- Naphthenes, Oxidizing. H. O. Forrest and P. K. Frolich. 1,916,923; July 4.
- Naphthenic acid soap-containing oily residues, Working up. R. Brunck, A. Kreutzer, and W. Boeck. 1,938,513; Dec. 5.
- Naphthoquinone or derivatives thereof, Manufacture of. G. H. Ellis, H. C. Olpin, and E. W. Kirk. 1,911,945; May 30.
- Napkin, Folded. A. E. Coffin. 1,895,973; Jan. 31.
- Napkin for infants and invalids, Impervious and resilient. H. Souchard. 1,930,398; Oct. 10.
- Napkin, Paper. P. S. Ewerlöf. 1,931,022; Oct. 17.
- Napkins holder. E. A. Haveles. 1,916,615; July 4.
- Napkins and package thereof, Paper. D. W. Hudson. 1,909,407; May 16.
- Narrowing mechanism for flat knitting machines. K. R. Lieberknecht. 1,935,406; Nov. 14.
- Natural-gas-well heater. E. C. Thrupp. 1,934,955; Nov. 14.
- Nautical precision instrument. F. Alessi. 1,893,925; Jan. 10.
- Navigating and like operations, Means for use in. C. de V. Le Sueur. 1,901,755; Mar. 14.
- Navigating apparatus and operating the same. H. E. Sjöstrand. 1,930,945; Oct. 17.
- Navigation, Apparatus for the Practice of celestial. R. E. Jaspersen. 1,906,752; May 2.
- Navigation, System and apparatus for. W. N. Fanning. 1,923,430; Aug. 22.
- Navigational instrument. E. C. Iverson. 1,893,235; Jan. 3.
- Navigational instrument. H. M. Jensen, J. E. Gingrich, and G. Medina. 1,919,222; July 25.
- Navigational instrument. E. L. Woodside. 1,917,282; July 11.
- Navigational instrument, Gyroscopic. J. B. Henderson. 1,924,037; Aug. 22.
- Navigator, Aerial. W. A. Meador. 1,903,911; Apr. 18.
- Neat's-foot oil equivalents, Production of. C. Stiepel. 1,934,100; Nov. 7.
- Nebulizer of liquids. A. W. Morse. 1,904,509; Apr. 18.
- Neckpiece for a woman's garment or similar article. N. Klein. Des. 90,853-4; Oct. 10.
- Neckpiece for a woman's garment or similar article. M. Seidel. Des. 90,860-1; Oct. 10.
- Neck sealing means for collapsible tubes. L. L. Myers. 1,931,802; Oct. 24.
- Necktie. J. Fallar. 1,927,584; Sept. 19.
- Necktie. G. B. Hancock. 1,914,422; June 20.
- Necktie. D. L. Krakower. 1,917,651; July 11.
- Necktie. E. Schulgasser. 1,933,345; Oct. 31.
- Necktie. H. B. Smith. 1,939,576; Dec. 12.
- Necktie. S. R. Waltz. 1,906,120; Apr. 25.
- Necktie and collar holder. G. A. Priestson. 1,904,083; Apr. 18.
- Necktie and holder, Combined. Y. Birner. 1,909,650; May 16.
- Necktie clasp. W. R. Larter. 1,914,641; June 20.
- Necktie construction. H. A. Clark. 1,900,800; Mar. 7.
- Necktie fastener. E. H. Resseguie. 1,897,333; Feb. 14.
- Necktie, Four-in-hand. C. Winkler. 1,896,930; Feb. 7.
- Necktie holder. C. Hamer. 1,927,659; Sept. 19.
- Necktie holder. F. Pesavento. 1,923,999; Aug. 22.
- Necktie holder. S. C. Waite. 1,893,570; Jan. 10.
- Necktie-holder, Collapsible. C. H. Pajean. 1,937,911; Dec. 5.
- Necktie rack. A. J. Hortenau. 1,940,951; Dec. 26.
- Necktie-rack. R. A. Komer. 1,934,430; Nov. 7.
- Necktie rack. J. Lester. 1,899,813; Feb. 28.
- Necktie retainer. A. Rossner. 1,897,734; Feb. 14.
- Necktie, Reversible. E. M. Famous. 1,900,490; Mar. 7.
- Necktie support. W. H. Lutz. 1,903,746; Apr. 11.
- Neckwear. J. C. Barbelli. 1,899,789; Feb. 28.
- Needle. C. J. Funk. 1,914,658; June 20.
- Needle. A. J. Olsen. 1,914,659; June 20.
- Needle bar lock, Knitting machine. K. R. Lieberknecht. 1,899,577; Feb. 28.
- Needle bed. R. H. Lawson and A. Gagné. 1,899,278; Feb. 28.
- Needle for forming an ornamental seam. F. L. Harmon. 1,935,121; Nov. 14.
- Needle for making hooked rugs. V. Petterson. 1,935,915; Nov. 21.
- Needle for repairing runs in knitted goods. P. B. Eaton. 1,926,271; Sept. 12.
- Needle, Hypodermic. L. Elisele. Des. 90,839; Oct. 10.
- Needle, Knitting-machine. A. Currier. 1,928,964; Oct. 3.
- Needle making machine. A. Hofmann and O. Kanis. 1,930,755; Oct. 17.
- Needle securing device for talking machines. A. M. B. Charlin. 1,904,408; Apr. 18.
- Needle selecting device for knitting machines and the like. E. Milner and F. Walter. 1,910,959; May 23.
- Needle selector mechanism for multiple needle looms. P. J. St. Jean and F. V. Grennor. 1,919,151; July 18.
- Needle, Sewing machine. J. M. Rattle. 1,924,378; Aug. 29.
- Needle straightening machine and method. W. J. Rickey and W. Tivendale. 1,906,101; Apr. 25.
- Needle valve, Hydro-mechanically controlled. P. A. Kinzie. 1,919,112; July 18.
- Needles and the like, Device for sorting. W. Tivendale and J. Baxter. 1,908,197; May 9.
- Needles, Making knitting machine latch. F. W. Corey. Re18,963; Oct. 3.
- Needling machine. P. H. Walsh. 1,934,649; Nov. 7.
- Negative for offset printing plates, Production of. J. Williams. 1,939,749; Dec. 19.
- Negative frame. G. E. Smith and A. T. Koppe. 1,912,547; June 6.
- Negative glow system for creating illusion of motion. A. F. Henninger, jr. 1,938,538; Dec. 5.
- Negative inductance. M. M. Doimage. 1,903,610; Apr. 11.
- Negative system, Multipack. H. W. Moyse. 1,900,459; Mar. 7.

- Negative system, Multipack. V. B. Sease. 1,900,463; Mar. 7.
- Negatives for photographic printing machines, Registering. W. C. Huebner. 1,933,059; Oct. 31.
- Negatives, Making. W. Heinecke. 1,913,881; June 13.
- Negatives, Production of pedigree. M. Handschlegl. 1,899,032; Feb. 28.
- Negatives, System for visually testing photographic. A. Naumann. 1,926,597; Sept. 12.
- Neon illuminated unit for barber poles, Rotating. M. W. Berger and F. H. Vivian. 1,894,342; Jan. 17.
- Neon tube sign. D. Grbovic. 1,920,555; Aug. 1.
- Nest. H. J. York. 1,915,508; June 27.
- Nest, Automatic hen's. F. R. Rumpel. 1,940,017; Dec. 19.
- Nest, Corridor trap. H. Fleischmann. 1,924,066; Aug. 22.
- Nest for hens, Trap. O. Strohschneider. 1,923,850; Aug. 22.
- Nest, Fowl. H. H. and C. L. Wagner. 1,904,809; Apr. 18.
- Nest, Hen. E. Hultine. 1,923,980; Aug. 22.
- Nest, Hen's. H. J. Muehr. 1,925,456; Sept. 5.
- Nest, Poultry. D. H. Anderson. 1,926,133; Sept. 12.
- Nest, Poultry. A. O. and P. M. Forster. 1,906,256; May 2.
- Nest, Poultry. W. W. Lohrer. 1,911,633; May 30.
- Nest, Poultry. W. J. Pine. 1,914,160; June 13.
- Nest, Trap. J. A. Johnston. 1,910,291; May 23.
- Nestable chair. L. Dellert. 1,941,340; Dec. 26.
- Nested chair. L. Dellert. 1,911,224; May 30.
- Net for trawlers. A. J. Rowe. 1,897,147; Feb. 14.
- Net, Landing. W. Olson. 1,894,192; Jan. 10.
- Net, Landing. E. C. Walter. 1,921,596; Aug. 8.
- Net pulling machine. C. B. Stewart. 1,928,117; Sept. 26.
- Net, Safety. L. E. Kothe. 1,907,184; May 2.
- Netting with rolling up device, Window. E. Sylvester. 1,931,805; Oct. 24.
- Network distribution system. J. S. Parsons. 1,907,565; May 9.
- Neurosyphilis treatment and material therefor. P. P. Hantzik. 1,927,210; Sept. 19.
- Neutral-impedance device. S. B. Griscom and R. D. Evans. 1,920,382; Aug. 1.
- Neutralization, Process of. L. Caldwell. 1,921,116; Aug. 8.
- Neutralizing device. W. J. Kimmell. 1,939,059; Dec. 12.
- Neutralizing system. W. Van B. Roberts. 1,925,563; Sept. 5.
- New anthraquinone compounds. F. Baumann. 1,917,421; July 11.
- New-ortho-aniline-sulphonic acid. E. Fischer, A. Kissling, and H. Kracker. 1,917,441; July 11.
- Newspaper box. W. R. Hampden and G. W. Hagle. 1,904,448; Apr. 18.
- Newspaper crier and vending machine. L. C. Sepin and E. A. Binney. 1,912,226; May 30.
- Newspaper holder. P. Braunstein. 1,909,519; May 16.
- Newspaper holder. C. N. Heller. 1,909,675; May 16.
- Newspaper receiver. H. E. Shelton. 1,921,889; Aug. 8.
- Newspaper rest. A. G. Anderson. 1,925,649; Sept. 5.
- Newspaper stand. M. Kilem. 1,905,564; Apr. 25.
- Newspaper vending machine. C. J. Belli. 1,926,931; Sept. 12.
- News printing machine, Late. H. A. W. Wood. 1,933,887; Nov. 7.
- N-hydroxyethyl derivatives of nuclear substitution products of 4-amino-1-hydroxy-benzene. G. Reddelien and W. Müller. 1,907,444; May 9.
- Nickel alloys. J. K. Smith. 1,941,368; Dec. 26.
- Nickel carbonyl, Production of. C. M. W. Grieb. 1,909,762; May 16.
- Nickel having improved welding quality, Malleable. N. B. Pilling. 1,916,386; July 4.
- Nickel-molybdenum alloys, Improving. W. Köster. 1,924,245; Aug. 29.
- Nickel sulphate, Making. H. P. Corson. 1,936,829; Nov. 28.
- Nickel-tin-alloys, Improving. W. Köster. 1,924,244; Aug. 29.
- Nicotine from tobacco, Recovering. H. K. McConnell. 1,927,180; Sept. 19.
- Nightgown. L. J. Goldberg. Des. 89,178; Feb. 7.
- 9,10 diamino anthracene and its N-substitution products. M. A. Kunz, R. Stroh, and H. Dimroth. 1,917,801; July 11.
- Nipple. I. Barkan. 1,904,710; Apr. 18.
- Nipple. F. Brown. 1,902,433; Mar. 21.
- Nipple, Adjustable choke. J. F. McKaig. 1,895,636; Jan. 31.
- Nipple and pacifier, Nursing and teething. R. H. Epstein. 1,913,627; June 13.
- Nipple attaching means and method. B. Burvenick. 1,896,028; Jan. 31.
- Nipple evertor. H. Grotte. 1,922,947; Aug. 15.
- Nipple, Hose. W. Holstein. 1,911,570; May 30.
- Nipple, Nursery. A. J. Stock. 1,919,537; July 25.
- Nipple, Nursing. S. Schenkel. 1,910,970; May 23.
- Nipple with corrugated handles, Nursing bottle. N. P. Steckler. Des. 90,218; June 27.
- Nipples, Device for preventing collapse of nursing. W. A. Carstensen. 1,918,633; July 18.
- Nipples, Making lubricating. O. U. Zerk. 1,912,750; June 6.
- Nitrates, Producing. B. Uebler. 1,918,941; July 18.
- Nitrates, Production and treatment of. L. Rosenstein. 1,932,939; Oct. 31.
- Nitrates, Purifying aliphatic organic. S. G. Norton and N. C. Boyd. 1,912,399; June 6.
- Nitric in sulphuric acid solutions, Determining traces of. S. L. Handforth. 1,915,126; June 20.
- Nitrided article of ferrous character containing a case-toughening element combined with a balanced case-forming element. H. J. French. 1,896,888-90; Feb. 7.
- Nitrided spring. G. M. Eaton. 1,914,083; June 13.
- Nitriding. J. J. Egan. 1,909,669; May 16.
- Nitriding. J. J. Egan. 1,923,814; Aug. 22.
- Nitriles, Producing tertiary. M. Bockmühl and G. Ehrhart. 1,894,301; Jan. 17.
- Nitrites, Production of. S. L. Handforth. 1,903,815; Apr. 18.
- Nitroacrylate, Preparation of acetone-soluble fibrous. C. J. Staud and R. H. Van Dyke. 1,917,401; July 11.
- Nitroaminobenzenes, Manufacture of. K. H. Saunders. 1,911,717; May 30.
- Nitrocellulose and the product thereof, Dehydrating. A. Langmeier. 1,901,561; Mar. 14.
- Nitrocellulose, Apparatus for the digestion of. M. G. Milliken. 1,911,201; May 30.
- Nitrocellulose coating composition containing low boiling solvent vehicles. C. Ellis. 1,923,714; Aug. 22.
- Nitrocellulose dope, Treatment of. L. C. Amberson. 1,931,368; Oct. 17.
- Nitrocellulose manufacture. M. O. Schur. 1,914,302; June 13.
- Nitrocellulose powders, Making. A. S. O'Neil. 1,896,642; Feb. 7.
- Nitrocellulose, Production of. M. O. Schur. 1,913,416; June 13.
- Nitrocellulose, Purification of. F. Olsen. 1,893,677; Jan. 10.
- Nitro compound by means of a metal, Reducing a. C. C. Heritage. 1,904,047; Apr. 18.
- Nitro-compounds, Manufacturing. J. F. O'Brien. 1,922,709; Aug. 15.
- Nitro derivatives of a-naphthoyl-o-benzoic acid. R. Adams, E. H. Johnson, and V. M. Weinmayr. 1,917,286; July 11.
- Nitrogen and hydrogen from bituminous fuels, Production of mixtures of. C. Schneider and H. Buetschisch. 1,898,967; Feb. 21.
- Nitrogen compounds, Manufacturing high-valued. E. Hene. 1,927,777; Sept. 19.
- Nitrogen containing cases, Producing. J. J. Egan. 1,920,368; Aug. 1.
- Nitrogen containing compounds and preparing them. H. Greune and W. Eckert. 1,930,876; Oct. 17.
- Nitrogen containing compounds of the pyridine and quino-line series. M. Bockmühl, W. Krohs, and G. Ehrhart. 1,936,547; Nov. 21.
- Nitrogen-hydrogen mixture in the synthesis of ammonia, Purifying the. L. C. Jones. Re18,766; Mar. 14.
- Nitrogen-hydrogen, mixtures, Production of. W. Klempt. 1,931,442; Oct. 17.
- Nitrogen oxides from a gas mixture containing the same, Separating. A. M. Fairlie. 1,912,833; June 6.
- Nitrogenous compounds derived from perylene-quinone, Manufacture of. M. A. Kunz and K. Koberle. 1,935,721; Nov. 21.
- Nitrogenous condensation products from acetylene and ammonia, Production of. L. Schlecht and H. Rötger. 1,936,995; Nov. 28.
- Nitroglycerine and residuary acid, Apparatus for the continuous separation and after separation of. A. Schmid. 1,939,634; Dec. 12.
- Nitroglycerine and similar esters, Washing. A. Schmid. 1,901,003; Mar. 14.
- Nitrostarch and method of producing. G. M. Norman. 1,908,857; May 16.
- Nitrosylchloride, Production of. C. W. Whittaker and F. O. Lundstrom. 1,920,333; Aug. 1.
- Nitrous oxide, Manufacturing. W. Friederich. 1,896,945; Feb. 7.
- N,N'-Diacyl-compounds of ethylene-diamine and its derivatives, Manufacture of. K. W. Rosenmund. 1,926,014; Sept. 5.
- Noise and other sounds, Apparatus for analysis and measurement of. R. E. H. Carpenter and R. Stansfield. 1,907,415; May 2.
- Noise-silencer, Tube cleaning. A. E. Pew, jr., and C. H. Thayer. 1,941,222; Dec. 26.
- Nomograph or device for solving problems in spherical trigonometry. N. N. Krijanovsky and N. A. Transehe. 1,935,402; Nov. 14.
- Nonbreakable cover, Transparent. G. R. Eisenhauer. 1,929,139; Oct. 3.
- Nonflare device. J. W. Meixell. 1,925,770; Sept. 5.
- Nonhygroscopic composition comprising aluminum sulphate and an acid salt. C. C. Feagley. 1,905,833; Apr. 25.
- Noninterference apparatus. C. S. Jennings. 1,924,556; Aug. 29.
- Nonrefillable device. J. P. Burke. 1,938,063; Dec. 5.
- Nonreturn valve. E. C. F. Oakley. 1,902,577; Mar. 21.
- Nonreusable coupling. J. J. Lauster. 1,903,736; Apr. 11.
- Nonskid attachment. E. Hubbard. 1,912,481; June 6.
- Nonskid attachment for automobiles. M. F. Connell. 1,908,692; May 16.
- Nonskid device. W. Cooper and W. F. Knapp. 1,905,441; Apr. 25.
- Nonskid driving apparatus for automobiles and the like. C. W. Coyan. 1,926,140; Sept. 12.

- Non-slip device for vehicle wheels. A. F. Gillet. 1,928,932; Oct. 3.
- Nonsubstituting container. H. B. Lloyd. Re18,759; Mar. 7.
- Non-substituting, shipping, and dispensing apparatus. H. B. Lloyd. 1,910,925; May 23.
- Noodles, spaghetti and the like, Device for forming. A. Bizzari. 1,916,411; July 4.
- Normalizer. W. Doble. 1,898,083; Feb. 21.
- Nose protector. M. G. Goyena. 1,914,418; June 20.
- Notching-guide for tubes, etc. J. S. Coe. 1,915,924; June 27.
- Notching mechanism. C. L. Perry. 1,896,850; Feb. 7.
- Notebook. C. B. Bird. 1,931,641; Oct. 24.
- Notebook holder. J. W. Gearhart. Des. 90,702; Sept. 19.
- Nozzle. C. C. Armstrong. 1,922,519; Aug. 15.
- Nozzle. O. E. Backus. 1,903,354; Apr. 4.
- Nozzle. J. F. Cranford. 1,920,245; Aug. 1.
- Nozzle. G. Gorando. 1,931,792; Oct. 24.
- Nozzle. H. Huss. 1,940,171; Dec. 19.
- Nozzle. R. P. Paradise. 1,922,259; Aug. 15.
- Nozzle. D. Trompeter. 1,903,139; Mar. 28.
- Nozzle, Abrasive blasting. H. E. McCrery. 1,923,635; Aug. 22.
- Nozzle, Adjustable. G. H. Diederich. 1,923,425; Aug. 22.
- Nozzle, Adjustable spray. F. B. Harry. 1,933,428; Oct. 31.
- Nozzle, Air distribution. J. W. Hankins. 1,917,299; July 11.
- Nozzle, Blast. W. G. Schwartzkopf. 1,940,972; Dec. 26.
- Nozzle, Building insulation conveyer. J. H. Norton. 1,898,885; Feb. 21.
- Nozzle, Carburetor. E. Delplanque. 1,925,583; Sept. 5.
- Nozzle, Cement gun. J. T. Vawter. 1,902,202; Mar. 21.
- Nozzle, Cement gun. J. T. Vawter. 1,904,930; Apr. 18.
- Nozzle channel construction for explosion turbines. H. Holzwarth. 1,900,558; Mar. 7.
- Nozzle diaphragm and the like and making the same. E. D. Dickinson. 1,932,264; Oct. 24.
- Nozzle diaphragm, and the like, Manufacturing. H. Haigh. 1,938,382; Dec. 5.
- Nozzle diaphragms and the like, Manufacturing. H. A. Lacey. 1,932,278; Oct. 24.
- Nozzle, Discharge. J. F. Werder. 1,902,003; Mar. 21.
- Nozzle, Dishwashing. L. E. Burkett. 1,910,235; May 23.
- Nozzle, Dispensing. A. E. Hutt. 1,899,506; Feb. 28.
- Nozzle, Dispensing. J. E. Zoerb. 1,920,047; July 25.
- Nozzle, Douche. J. Emlich and R. Espelage. 1,936,709; Nov. 28.
- Nozzle, Engine exhaust. J. R. Jackson. 1,930,052; Oct. 10.
- Nozzle for can openings and the like. C. Hammer. 1,927,029; Sept. 19.
- Nozzle for gas turbines. M. Sedlmeir. 1,908,066; May 9.
- Nozzle for railway cars, Air distributing. W. J. Madden. 1,935,647; Nov. 21.
- Nozzle for spray appliances, Air. R. Long and E. Gustafsson. 1,897,173; Feb. 14.
- Nozzle for the manufacture of flashed glass, Drawing. B. Engels. 1,910,759; May 23.
- Nozzle for vacuum cleaners, Suction. F. Riebel, jr. 1,936,367; Nov. 21.
- Nozzle for valve-seat grinders, Suction. E. A. Hall. 1,938,330; Dec. 5.
- Nozzle, Fuel injector. R. H. White. 1,918,201; July 11.
- Nozzle, Gasoline. J. H. Browne. 1,934,587; Nov. 7.
- Nozzle, Hollow-cone-spraying. F. Wahlin. 1,938,000; Dec. 5.
- Nozzle, Hose. J. H. Browne. 1,924,150; Aug. 29.
- Nozzle, Hose. M. Chouinard and J. P. Paradis. 1,920,840; Aug. 1.
- Nozzle, Hose. J. A. Jensen. 1,941,174; Dec. 26.
- Nozzle, Hose. E. B. Moore. 1,893,298; Jan. 3.
- Nozzle, Hose. C. Spaeth. 1,910,070; May 23.
- Nozzle, Hose. F. G. Welke. 1,926,414; Sept. 12.
- Nozzle, Insecticide and fertilizer sprinkler. H. W. Slebert. 1,936,275; Nov. 21.
- Nozzle or faucet, Automatic. W. D. Allen. 1,903,605; Apr. 11.
- Nozzle oscillating means. J. Rome. 1,905,570; Apr. 25.
- Nozzle, Oxy-arc cutting. D. F. Frost. 1,917,109; July 4.
- Nozzle, Portable wet hose. A. T. Wakefield. 1,933,234; Oct. 31.
- Nozzle, Refrigerated burner. A. R. Stevenson, jr. 1,920,769; Aug. 1.
- Nozzle, Sand blast. J. S. Fulton. 1,905,698; Apr. 25.
- Nozzle, Sand blast. A. Hoyle. 1,911,571; May 30.
- Nozzle, Sand blast. W. B. Owens. 1,927,573; Sept. 19.
- Nozzle segment for combustion gas turbines, Cooled. G. Schaper. 1,928,504; Sept. 26.
- Nozzle, Sheet metal hose. F. Hanlan. 1,937,427; Nov. 28.
- Nozzle, Spray. C. C. Armstrong. 1,916,912; July 4.
- Nozzle, Spray. R. D. Evans. 1,931,689; Oct. 24.
- Nozzle, Spray. G. H. Stillson. 1,936,413; Nov. 21.
- Nozzle, Spray. V. V. Veenschoten. 1,893,212; Jan. 3.
- Nozzle, Spray gun. R. W. Tracy. 1,897,683; Feb. 14.
- Nozzle, Spraying. N. W. Meloon. 1,920,874; Aug. 1.
- Nozzle, Sprinkler. N. Hertel. 1,931,761; Oct. 24.
- Nozzle, Sprinkler. W. B. Ivey. 1,913,278; June 6.
- Nozzle, Sprinkling. M. C. Bersted. 1,917,216; July 11.
- Nozzle, Steam. J. M. McClatchie. 1,914,147; June 13.
- Nozzle support. F. Mong. 1,893,241; Jan. 3.
- Nozzle, Teeming. A. J. Gesel and W. M. Murray. 1,920,300; Aug. 1.
- Nozzle valve for explosion turbines. H. Holzwarth. 1,914,339; June 13.
- Nozzle, water closet, flushing valve and bidet combination, Siphon jet flushing. C. C. Campus. 1,928,717; Oct. 3.
- Nozzles, Making lined. S. Hermanson. 1,934,065; Nov. 7.
- Nozzles to hollow bodies, Attaching. J. H. Taylor. 1,937,605-6; Dec. 5.
- N-substituted aryl-sulphonamides and producing same. T. S. Carswell and W. Gump. 1,916,604; July 4.
- N-substituted derivatives of the pyridone series. K. Miescher and E. Urech. 1,941,312; Dec. 26.
- Number indicator and register for automatic telephones. W. Greenberg. 1,932,965; Oct. 31.
- Number plate, letter drop opening, and signal push button, Combination illuminated house. A. Fazekas. Des. 90,481; Aug. 15.
- Numbering attachment for printing machines. W. R. Allen. 1,920,232; Aug. 1.
- Numbering machine. V. A. Svensson. 1,906,019; Apr. 25.
- Numbering machine, Automatic rotary. W. B. White. 1,931,566; Oct. 24.
- Nursery chair. G. J. Arthur. 1,910,736; May 23.
- Nursing bottle holder. C. M. and J. O. Keane. 1,911,901; May 30.
- Nursing bottle support. V. F. Hoobler. Des. 90,488; Aug. 15.
- Nut. P. W. Dieter. 1,932,007; Oct. 31.
- Nut and manufacture, Lock. E. L. Rupf. 1,903,921-2; Apr. 18.
- Nut and nut installation. G. Johnson. 1,941,175; Dec. 26.
- Nut and process of making, Lock. W. E. Sharp. 1,902,912; Mar. 28.
- Nut and puller, Armature. F. T. Irgens. 1,932,522; Oct. 31.
- Nut and washer assembly. J. Berge. 1,904,263; Apr. 13.
- Nut, Automatic lock. J. W. McQuaid. 1,931,900; Oct. 24.
- Nut bar for the manufacture of grip nuts and apparatus for forming the same, Forming. G. C. Easter. 1,902,841; Mar. 28.
- Nut blank feeding mechanism. E. H. Ingram and V. E. Pearson. 1,905,715; Apr. 25.
- Nut blank, Making. J. A. Eden. 1,929,164; Oct. 3.
- Nut blank sorter for tapping machines and the like. J. H. Friedman. 1,897,116; Feb. 14.
- Nut blanks, Threading. O. H. De Lapotterie. 1,912,517; June 6.
- Nut buttering machine. M. J. Kohler. Des. 89,347; Feb. 28.
- Nut castellating machine. L. Barber. 1,934,253; Nov. 7.
- Nut castellating machine. P. F. Rossmann. 1,920,108; July 25.
- Nut, Clinch-on. F. G. Richardson and F. L. McLaughlin. 1,931,011; Oct. 17.
- Nut cracker. J. A. Altman. 1,906,506; May 2.
- Nut cracker. R. E. De Goyler. 1,922,884; Aug. 15.
- Nut cracker. C. B. Repp. 1,930,692; Oct. 17.
- Nut cracker. C. Swensen. Des. 90,428; Aug. 1.
- Nut cracker. W. O. Walling. 1,938,733; Dec. 12.
- Nut cracker. F. E. Wood. 1,922,515; Aug. 15.
- Nut, Eye. T. B. Bash. 1,920,493; Aug. 1.
- Nut-facing machine. W. L. Ward and W. D. Rigney. 1,899,221; Feb. 28.
- Nut for nut and screw fastened installations. C. L. Hall. 1,919,940; July 25.
- Nut hulling machine. F. Boomer. 1,901,798; Mar. 14.
- Nut lock. J. A. Arenz. 1,893,087; Jan. 3.
- Nut, Lock. A. d'Hallay. 1,927,705; Sept. 19.
- Nut lock. E. G. Glover. 1,901,744; Mar. 14.
- Nut lock. C. C. Harbridge. 1,918,263; July 18.
- Nut lock. J. R. Hotchkiss. 1,920,792; Aug. 1.
- Nut, Lock. J. E. Le Fever. 1,914,696; June 20.
- Nut, Lock. A. L. Linderman. 1,922,378; Aug. 15.
- Nut lock. W. Maintz. 1,936,480; Nov. 21.
- Nut lock. H. F. Messmer. 1,934,439; Nov. 7.
- Nut lock. A. J. Meyer. 1,913,453; June 13.
- Nut lock. G. T. Miller. 1,938,529; Dec. 5.
- Nut, Lock. C. G. Olson. 1,899,715; Feb. 28.
- Nut lock. C. R. Owen. 1,894,631; Jan. 17.
- Nut lock. E. L. Rea. 1,932,709; Oct. 31.
- Nut lock. B. Rosenbaum. 1,928,982; Oct. 3.
- Nut lock. O. J. Soucie. 1,936,440; Nov. 21.
- Nut, Lock. C. S. Souders. 1,915,767; June 27.
- Nut, Lock. R. J. Teetor. 1,928,769; Oct. 3.
- Nut, Lock. A. Wahlers. 1,925,064; Aug. 29.
- Nut lock. I. Wilkinson. 1,898,801; Feb. 21.
- Nut making machine. C. A. Rich. 1,906,099; Apr. 25.
- Nut product and preparing same. K. M. Herstein. 1,914,638; June 20.
- Nut running apparatus. F. B. Pfeiffer. 1,918,557; July 18.
- Nut, Self-locking. B. Cataline. 1,929,808; Oct. 10.
- Nut, Slip. J. Arrington. 1,915,588; June 27.
- Nut threading machine with straight shank tap. E. M. de Sherbinin, V. E. Pearson, and E. H. Ingram. 1,912,764; June 6.
- Nut, Tight holding. P. Courtelle. 1,912,888; June 6.
- Nut, Wing. H. F. Kellogg. 1,919,728; July 25.
- Nuts and bridge washers on valve stems, Assembling. J. A. Fleischli and J. M. Kountzman. 1,918,528; July 18.
- Nuts and the like, Production of screw threaded. H. E. Burns. 1,910,086; May 23.
- Nuts, Making. J. A. Fitch and C. D. Watson. 1,925,753; Sept. 5.
- Nuts, Manufacture of. W. E. Sharp. 1,937,253; Nov. 28.
- Nuts, Manufacture of locking. H. Schalk. 1,913,685; June 13.

- Nuts or the like, Manufacturing castellated or slotted. W. M. Rosborough. 1,925,153; Sept. 5.
- Nuts, Roasting. L. M. Sawin. 1,908,059; May 9.
- Nuts, Treating. M. H. Ribeiro. 1,915,242; June 20.
- Nuts, Treating. J. A. Zaloom. 1,911,869; May 30.
- Nutting machine. R. M. Morgan and S. W. Harden. 1,906,078; Apr. 25.
- Nutrients from the products of cerealia and legumens, Obtaining high-valued. E. Komm. 1,896,521; Feb. 7.
- Oar lock. P. J. Startz. 1,893,110; Jan. 3.
- Oar, Self-contained training and exercising. R. F. Burke. 1,916,714; July 4.
- Object forming press, Continuous. E. C. Mueller. 1,921,200; Aug. 8.
- Objective. C. W. Frederick and W. S. Eichelberger. 1,897,896; Feb. 14.
- Objective for photographic and projection purposes. A. Holman. 1,913,389; June 13.
- Objects, Apparatus for treating. J. H. Grow. 1,902,637; Mar. 21.
- Objects, Splitting. F. H. Smith. 1,938,939; Dec. 12.
- Objects, Treating. L. C. Nichols. 1,902,575; Mar. 21.
- Observation port. F. B. Hunter. 1,921,230; Aug. 8.
- Obturator device. Z. Mincovsky. 1,910,033; May 23.
- Obtuse angle joint. L. H. R. Hansen. 1,936,234; Nov. 21.
- Odometer. C. H. Veeder. 1,908,801; May 16.
- Odometer. J. Zubaty. 1,913,147; June 6.
- Odometer. J. Zubaty. 1,919,493; July 25.
- Odometer mechanism. J. Zubaty. 1,909,740; May 16.
- Odometers, Quick reset mechanism for. R. O. Helgeby. 1,919,511; July 25.
- Odontograph, Generating. J. W. Hughes. 1,924,405; Aug. 29.
- Odorant for refrigeration. F. J. Dobrovolsky. 1,905,817; Apr. 25.
- Odorless garbage device. J. C. Sparrow. 1,928,914; Oct. 3.
- Odors from petroleum distillates, Removing. W. A. Smith. 1,938,116; Dec. 5.
- Office building, Tourist camp. C. J. Greene. Des. 90,485; Aug. 15.
- Offset printing apparatus. A. W. Stephenson. 1,906,285; May 2.
- Offsets, Preventing. E. C. Francoise. 1,921,313; Aug. 8.
- Offsetting press. A. Ziska. 1,921,210; Aug. 8.
- Ohmmeter. G. B. Rolfe. 1,932,911; Oct. 31.
- Ohmmeter, Direct reading. P. S. Edwards and C. D. Barbulessco. 1,905,348; Apr. 25.
- Oil and air dispenser. W. C. Reynolds. 1,912,309; May 30.
- Oil and coal amalgam, Preparing. W. E. Trent. 1,895,056; Jan. 24.
- Oil and gas, Apparatus for separating. D. G. Lorraine. 1,925,491; Sept. 5.
- Oil and gas separator. G. Raymond. 1,897,332; Feb. 14.
- Oil and gas separator. J. P. Walker. 1,908,581; May 9.
- Oil and gas separator. J. P. Walker and E. R. Williams. 1,941,028; Dec. 26.
- Oil and gas separator. M. F. Waters. 1,910,728; May 23.
- Oil and gas well drilling apparatus. J. S. Mitchell. 1,916,278; July 4.
- Oil and liquid dispensing device. H. M. Keith. 1,901,815; Mar. 14.
- Oil and making the same, Hydrocarbon. H. G. M. Fischer and C. E. Gustafson. 1,904,433; Apr. 18.
- Oil, and making the same, Lubricating. G. H. B. Davis. 1,917,875; July 11.
- Oil and method of preparation, Medicinal. S. W. Ferris. 1,928,832; Oct. 3.
- Oil and moisture from "fish press cake", Extracting. W. T. Conn. 1,903,503; Apr. 11.
- Oil and other fluids, Apparatus for purifying and cooling. H. F. McCray. 1,913,680; June 13.
- Oil and other liquids, Equipment for dispensing lubricating. B. J. Pepper. 1,925,056; Aug. 29.
- Oil and preparing the same, Sulphurized terpene. R. C. Palmer and P. O. Powers. 1,926,687; Sept. 12.
- Oil and producing same, Quick drying. H. A. Bruson. 1,933,521; Oct. 31.
- Oil and producing the same, Drying. L. P. Rankin. 1,910,564; May 23.
- Oil and product thereof, Nondrying. F. M. Reece. 1,903,656; Apr. 11.
- Oil and quicklime from bituminous lime stone, Apparatus for deriving. B. Kazmann. 1,908,256; May 9.
- Oil and water extractor. S. Bramsen and F. Wahlén. 1,896,833; Feb. 7.
- Oil, Anti-solvent dewaxing of. F. W. Sullivan, jr., and C. E. Adams. 1,917,910; July 11.
- Oil, Apparatus for burning. J. W. Cannon. 1,933,044; Oct. 31.
- Oil, Apparatus for converting petroleum. G. Egloff. 1,940,711; Dec. 26.
- Oil, Apparatus for reconditioning used. E. J. Sweetland. 1,901,010; Mar. 14.
- Oil, Apparatus for refining. C. B. Forward. 1,903,810; Apr. 18.
- Oil, Apparatus for refining hydrocarbon. A. E. Harnsberger and A. L. Christy. 1,897,389; Feb. 14.
- Oil, Artificial drying. G. W. Herbein. 1,918,599; July 18.
- Oil bearing. G. B. Karelitz. 1,934,355; Nov. 7.
- Oil bearing materials, Conditioning. K. C. Barton. 1,928,241; Sept. 26.
- Oil brake. W. M. Walker. 1,940,925; Dec. 26.
- Oil burner. F. W. Barhoff and F. W. Barhoff, jr. 1,910,585; May 23.
- Oil burner. E. and W. R. Camerino. Des. 89,745; May 2.
- Oil burner. B. A. Clayton. 1,903,858; Apr. 18.
- Oil burner. R. T. Cornelius. Des. 89,841; May 9.
- Oil burner. A. Doman. 1,926,972; Sept. 12.
- Oil burner. W. M. Esterling. 1,903,100; Mar. 28.
- Oil burner. P. Falz. 1,898,822; Feb. 21.
- Oil burner. J. E. Fowler. Re18,827; May 9.
- Oil burner. A. Fransosi. 1,921,666; Aug. 8.
- Oil burner. P. P. Gilles. 1,896,791; Feb. 7.
- Oil burner. R. Gottholt. 1,933,427; Oct. 31.
- Oil burner. W. S. Grant and F. H. Shoop. 1,903,364; Apr. 4.
- Oil burner. J. J. Hawxhurst. 1,935,318; Nov. 14.
- Oil burner. I. M. Hayward. 1,928,688; Oct. 3.
- Oil burner. F. E. Herr. 1,921,922; Aug. 8.
- Oil burner. T. W. Hunter. 1,894,466; Jan. 17.
- Oil burner. W. R. Kiefer. 1,897,310; Feb. 14.
- Oil burner. G. Kinsman. 1,901,456; Mar. 14.
- Oil burner. J. E. Kresky. 1,912,713; June 6.
- Oil burner. H. A. Kunitz. 1,930,812; Oct. 17.
- Oil burner. F. H. Laney. 1,910,615; May 23.
- Oil burner. H. C. Little. 1,897,314; Feb. 14.
- Oil burner. L. L. Logan. 1,899,003; Feb. 28.
- Oil burner. J. C. Lyle and R. W. Messmore. 1,893,674; Jan. 10.
- Oil burner. E. E. Morand. 1,913,637; June 13.
- Oil burner. S. E. Noles. 1,905,360; Apr. 25.
- Oil burner. E. Parker. 1,932,597; Oct. 31.
- Oil burner. C. J. Peterson. 1,901,983; Mar. 21.
- Oil burner. F. A. Robinson. 1,903,195; Mar. 28.
- Oil burner. F. E. Rudolph. 1,934,379; Nov. 7.
- Oil burner. P. Schaefer. 1,911,090; May 23.
- Oil burner. O. G. Schroeder and S. Perry. 1,936,271; Nov. 21.
- Oil burner. S. Scognamillo and D. Shlaifer. 1,904,549; Apr. 18.
- Oil burner. R. M. Soper. 1,898,270; Feb. 21.
- Oil burner. L. F. Spear. 1,906,343; May 2.
- Oil burner. W. Tryon. 1,920,446; Aug. 1.
- Oil burner. W. R. Winsell. 1,913,429; June 13.
- Oil burner furnace. P. L. Mikeska. Des. 90,042; May 30.
- Oil burner, Household. A. Page. 1,927,595; Sept. 19.
- Oil burner, Locomotive. M. Brittain. 1,894,481; Jan. 17.
- Oil burning apparatus. A. E. Marshall. 1,921,937; Aug. 8.
- Oil burning apparatus. A. Muszynski and S. Rapalus. 1,930,179; Oct. 10.
- Oil burning apparatus and method. W. A. Ray. 1,899,396; Feb. 28.
- Oil burning heater, Cabinet type. G. E. Pickup. 1,900,520; Mar. 7.
- Oil burning, Process and apparatus for. J. G. Gilmore and A. J. Frame. 1,935,628; Nov. 21.
- Oil can. W. T. Faux. 1,902,994; Mar. 28.
- Oil can. F. C. Pearson, jr. 1,936,522; Nov. 21.
- Oil can. C. L. Williams. 1,915,343; June 27.
- Oil changing indicator. R. Curry. 1,920,844; Aug. 1.
- Oil clarifier. B. F. Court. 1,893,581; Jan. 10.
- Oil clarifier, Lubricating. W. G. Burhans. 1,910,747; May 23.
- Oil, Cleaning. L. T. Evans. 1,936,901; Nov. 28.
- Oil collector. E. C. Rosenberg. 1,906,420; May 2.
- Oil composition, Penetrating. A. W. Burwell. 1,895,374; Jan. 24.
- Oil composition, Vulcanized or sulphurized. A. de Waele. 1,910,005; May 23.
- Oil compound, Sulphonated. A. J. Hailwood and R. P. McGlynn. 1,926,769; Sept. 12.
- Oil conditioner, Lubricating. H. V. Atwell. 1,907,706; May 9.
- Oil conductors, Constructing and maintaining crude. T. de la Mare. 1,900,978; Mar. 14.
- Oil containing mercaptans, Refining hydrocarbon. F. B. Behrens. 1,927,147; Sept. 19.
- Oil conversion, Hydrocarbon. R. C. Cook. 1,936,289; Nov. 21.
- Oil conversion, Hydrocarbon. J. Dealttre-Seguy. 1,939,282; Dec. 12.
- Oil conversion, Hydrocarbon. C. P. Dubbs. 1,897,577; Feb. 14.
- Oil conversion, Hydrocarbon. C. P. Dubbs. 1,935,148; Nov. 14.
- Oil conversion, Hydrocarbon. O. H. Fairchild. 1,900,174; Mar. 7.
- Oil conversion, Hydrocarbon. J. B. Held. 1,936,874; Nov. 28.
- Oil conversion, Hydrocarbon. L. C. Huff. 1,901,969; Mar. 21.
- Oil conversion, Process and apparatus of hydrocarbon. J. G. Alther. 1,937,863; Dec. 5.
- Oil converter. G. R. Wagner and R. Stahl. 1,916,450; July 4.
- Oil converter, Tubular. M. B. Chittick. 1,910,242; May 23.
- Oil, Converting hydrocarbon. H. D. Loeb. 1,941,440; Dec. 26.
- Oil cooler. J. Askin. 1,907,033; May 2.
- Oil cooler. S. T. Payne. 1,933,998; Nov. 7.
- Oil cooler. W. R. Ramsaur and T. P. Chase. 1,902,970; Mar. 28.
- Oil, Cooling and heating. C. T. Paugh. 1,931,935; Oct. 24.

- Oil cooling arrangement for air-cooled internal combustion engines. G. C. Cappa. 1,904,407; Apr. 18.
- Oil-cooling means. J. B. Fisher. 1,928,931; Oct. 3.
- Oil cooling system. R. Schittke. 1,909,637; May 16.
- Oil, Core. G. F. Kennedy. 1,910,799; May 23.
- Oil cracking apparatus. W. V. Ischie. 1,914,373; June 20.
- Oil cracking apparatus, Cooling and safeguarding. H. Thomas, C. H. Thayer, and F. A. Thorngate. 1,919,672; July 25.
- Oil, Cracking hydrocarbon. J. Delattre-Seguy. 1,929,795; Oct. 10.
- Oil, Cracking mineral. A. E. Pew. 1,910,812; May 23.
- Oil, Cracking mineral. H. Thomas. 1,938,406; Dec. 5.
- Oil cup, Feed indicating adjustable self-closing. C. D. Allen. 1,938,476; Dec. 5.
- Oil, Cylinder. F. H. MacLaren and T. H. Rogers. 1,924,211; Aug. 29.
- Oil, Device for dispensing lubricating. A. L. Kronquest. 1,912,283; May 30.
- Oil, Dewaxing hydrocarbon. R. E. Manley. 1,929,821; Oct. 10.
- Oil, Dewaxing of. L. D. Jones. 1,930,479; Oct. 17.
- Oil dispensing device. P. A. Maske. 1,918,049; July 11.
- Oil distillation apparatus. A. E. Pew, jr. 1,924,879; Aug. 29.
- Oil, Distilling. H. L. Doherty. 1,898,245; Feb. 21.
- Oil drying and siccative therefor, Accelerating. H. A. Bruson. 1,939,622; Dec. 12.
- Oil emulsion, Mineral. H. Noonan. 1,920,926; Aug. 1.
- Oil extraction, Hydrocarbon. L. M. Henderson. 1,908,018; May 9.
- Oil feed mechanism. G. J. Meyer. 1,899,973; Mar. 7.
- Oil fields, Developing. H. L. Doherty. 1,899,497; Feb. 28.
- Oil fields, Development of. H. L. Doherty. 1,920,637; Aug. 1.
- Oil filling device for crank cases. H. C. Snow. 1,920,530; Aug. 1.
- Oil filter. O. T. McKean. 1,927,875; Sept. 26.
- Oil filter. W. A. McLean. 1,941,311; Dec. 26.
- Oil filter. C. A. Winslow and E. J. Hall. 1,901,484; Mar. 14.
- Oil for distillation into lubricating oils, Preparing crude. A. E. Pew, jr. 1,903,407; Apr. 4.
- Oil fractionating. C. F. Denney. 1,899,081; Feb. 28.
- Oil fractionation. J. S. Wallis. 1,900,085; Mar. 7.
- Oil from animal tissue and the lipid substances by papain digestion, Extracting. L. W. Mapson, J. T. MacCurdy, and H. O. Nolan. 1,922,484; Aug. 15.
- Oil from a well, Device for pumping. P. G. Sherry. Re18,717; Jan. 17.
- Oil from certain residuums, Recovering drip. G. N. Harcourt. 1,901,238; Mar. 14.
- Oil from crank cases, Draining. W. L. Judson, jr. 1,929,694; Oct. 10.
- Oil from seeds, Extracting. B. Rewald. 1,917,734; July 11.
- Oil from wells, and apparatus therefor, Producing. S. W. Traylor, jr. 1,902,296; Mar. 21.
- Oil gas generator. E. E. Bussey. 1,896,220; Feb. 7.
- Oil gas generator. L. B. Harris. 1,894,990; Jan. 24.
- Oil gas generator. L. B. Harris. 1,903,042; Mar. 28.
- Oil gas, Treating an. A. E. Harnsberger. 1,900,057; Mar. 7.
- Oil gas, Treatment of. C. W. Andrews and A. J. Boynton. 1,905,028; Apr. 25.
- Oil guard for spinning rings. W. T. Munson. 1,914,279; June 13.
- Oil heater control. R. P. Brown. 1,895,701; Jan. 31.
- Oil heater, Crank case. W. H. Pingrey. 1,894,887; Jan. 17.
- Oil heater for permanent hair waving equipment. A. G. Johnson. 1,917,305; July 11.
- Oil, Heating. B. N. Broido. 1,921,602; Aug. 8.
- Oil, Heating. A. E. Harnsberger and C. L. Smith. 1,901,592; Mar. 14.
- Oil heating apparatus. W. J. Madden. 1,934,269; Nov. 7.
- Oil heating furnace. W. M. Cross. 1,893,731; Jan. 10.
- Oil-immersed tube, Demountable. J. B. Wantz. 1,909,322; May 16.
- Oil-impregnated condenser. C. H. Caine. 1,934,966; Nov. 14.
- Oil indicator for internal combustion engines. J. C. McMurray. 1,938,711; Dec. 12.
- Oil in refrigerating systems, Apparatus for recovering and controlling the flow of. R. H. Beman and J. H. Benson. 1,896,061; Feb. 7.
- Oil into motor and marine fuel, Conversion of hydrocarbon. S. Swartz. 1,913,619; June 13.
- Oil leakage from bearings, Preventing. J. M. Labberton. 1,905,234; Apr. 25.
- Oil level indicator. J. Backstatter and F. Rowan. 1,939,094; Dec. 12.
- Oil, Lubricating. A. Henriksen and B. H. Lincoln. 1,936,670; Nov. 28.
- Oil, Lubricating. A. Henriksen and B. H. Lincoln. 1,939,979; Dec. 19.
- Oil, Lubricating. B. H. Lincoln and A. Henriksen. 1,939,993; Dec. 19.
- Oil, Lubricating. B. H. Lincoln and A. Henriksen. 1,939,994-5; Dec. 19.
- Oil, Lubricating. K. G. Mackenzie. 1,904,065; Apr. 18.
- Oil, Lubricating. A. E. Pew, jr. 1,937,782; Dec. 5.
- Oil, Making synthetic. W. A. Gruse and K. P. McElroy. 1,941,169; Dec. 26.
- Oil, Manufacturing lubricating. R. A. Halloran and M. L. Chappell. 1,893,774; Jan. 10.
- Oil, Metal cutting. E. H. Patch and J. M. Leaper. 1,919,125; July 18.
- Oil, Method and apparatus for cracking. C. R. Ewing and T. Montgomery. 1,919,691; July 25.
- Oil, Method and apparatus for distilling. C. R. Ewing and T. Montgomery. 1,904,213; Apr. 18.
- Oil mixtures, Dividing heavy. G. B. Coubrough. 1,911,992; May 30.
- Oil or gas burner. R. Z. Hopkins, A. E. Fellers, and H. D. Raymond. 1,914,567; June 20.
- Oil or the like to a comminuted condition, Method and apparatus for reducing fuel. E. A. Stoll. 1,905,610; Apr. 25.
- Oil pressure control clutch, Semiautomatic. D. D. De Loach. 1,913,268; June 6.
- Oil-pressure regulator. G. P. Berry. 1,929,108; Oct. 3.
- Oil pressure regulator. F. A. Bower. 1,897,788; Feb. 14.
- Oil pressure safety appliance. H. A. Mullin. 1,896,459; Feb. 7.
- Oil, Process and apparatus for cracking. G. Egloff. 1,924,848; Aug. 29.
- Oil, Process and apparatus for cracking. N. E. Loomis and A. H. Tomlinson. 1,900,116; Mar. 7.
- Oil, Process and apparatus for cracking hydrocarbon. J. D. Seguy. 1,921,246; Aug. 8.
- Oil, Process of and apparatus for cracking. G. Egloff. 1,927,159; Sept. 19.
- Oil product and making same, Marine. H. O. Nolan. 1,896,185; Feb. 7.
- Oil pump. E. H. Davis and W. F. Johnston. 1,904,653; Apr. 18.
- Oil pump. E. H. Davis and W. F. Johnston. 1,909,046; May 16.
- Oil pump. E. W. Dodge. 1,892,876; Jan. 3.
- Oil pump. C. E. Jacobs and A. Zech. 1,908,362; May 9.
- Oil pump screen. C. L. McCuen. 1,903,005; Mar. 28.
- Oil pumping apparatus. G. C. Engstrand. 1,894,234; Jan. 10.
- Oil pumping apparatus. L. A. Rawson. 1,896,558; Feb. 7.
- Oil purification. C. M. Ambler, jr. 1,926,188; Sept. 12.
- Oil, Purification of. W. G. Hoffman and J. R. Miller. 1,919,655; July 25.
- Oil, Purification of. J. S. Main. 1,894,958; Jan. 24.
- Oil, Purification of lubricating. A. Gastón and E. Bogdány. 1,903,731; Apr. 11.
- Oil purifier, Automatic. T. F. Knoles. 1,939,938; Dec. 19.
- Oil purifying apparatus. S. H. Frye and F. H. Ford. 1,926,741; Sept. 12.
- Oil, Railroad-car-journal. T. F. Ott. 1,929,189; Oct. 3.
- Oil reclaimer. S. L. Marsh. 1,927,410; Sept. 18.
- Oil recovery apparatus. B. R. Anderson. 1,921,279; Aug. 8.
- Oil rectifier and lubricator. A. A. Knowles. 1,911,753; May 30.
- Oil refining apparatus, Decarbonizing. W. T. Davis. 1,901,803; Mar. 14.
- Oil, Refining hydrocarbon. S. S. Kurtz, jr. 1,899,969; Mar. 7.
- Oil refining, Hydrocarbon. W. M. Malisoff. 1,899,042; Feb. 28.
- Oil, Refining of hydrocarbon. J. C. Morrell. 1,911,640; May 30.
- Oil, Refining residual hydrocarbon. J. Kochan. 1,938,629; Dec. 12.
- Oil, Refining sour hydrocarbon. L. M. Henderson. 1,940,861; Dec. 26.
- Oil, Removing impurities from. E. Petty. 1,908,616; May 9.
- Oil re-refiner. J. G. Sarvent. 1,936,033; Nov. 21.
- Oil residues, Distillation of hydrogenated. M. Pier, K. Winkler, and W. Michael. 1,927,244; Sept. 19.
- Oils, Process of and apparatus for treating hydrocarbon. F. W. Hall and J. H. Grabame. 1,930,974; Oct. 17.
- Oil saver. C. S. Crickmer. 1,903,093; Mar. 28.
- Oil saver. F. C. Pettitt. 1,898,311; Feb. 21.
- Oil saver. H. R. Standlee. 1,925,852-3; Sept. 5.
- Oil seal. A. F. Gardner. 1,908,137; May 9.
- Oil sealing device. L. E. Mylting. 1,937,461; Nov. 28.
- Oil sedimentation gauge. A. Waller. 1,906,345; May 2.
- Oil, Separating of mineral. M. H. Tuttle. 1,912,348-9; May 30.
- Oil separator. T. M. Lawson. 1,931,764; Oct. 24.
- Oil settling device, Treated. H. F. Fisher. 1,940,794; Dec. 26.
- Oil shales, System of mining. S. N. Karrick. 1,919,636; July 25.
- Oil still. C. E. Lucke. 1,908,374; May 9.
- Oil stocks, Treating lubricating. L. L. Davis and G. L. Atkinson. 1,927,823; Sept. 26.
- Oil stop electric cable joint. F. A. Brownell. 1,918,736; July 18.
- Oil switch. J. C. Rah. 1,898,744; Feb. 21.
- Oil switch with rotatable contact bridge. F. P. Houst. 1,917,887; July 11.
- Oil temperature control apparatus. J. Holle. 1,925,805; Sept. 5.
- Oil tester. V. A. Schoenberg. 1,940,772; Dec. 26.
- Oil testing. V. A. Schoenberg. 1,940,373; Dec. 19.
- Oil testing apparatus. D. E. Clark. 1,937,744; Dec. 5.
- Oil testing device, Lubricating. R. John. 1,925,254; Sept. 5.
- Oil, Textile. W. T. Reddish. 1,909,721; May 16.

- Oil to form improved lubricants. Destructive hydrogenation of hydrocarbon. E. M. Clark. 1,934,037; Nov. 7.
- Oil to journal bearings. Collecting and feeding. G. Grandjean. 1,905,281; Apr. 25.
- Oil to produce a liquid ungelled oil and product thereof. Treatment of China wood. F. M. Reece. 1,903,686; Apr. 11.
- Oil, Treating. M. G. Barradas. 1,928,613; Oct. 3.
- Oil, Treating. O. Behmer. 1,936,657; Nov. 28.
- Oil, Treating. J. Delattre-Seguy. 1,897,593; Feb. 14.
- Oil, Treating. W. E. Harrison and A. H. Batchelder. 1,915,260; June 20.
- Oil-treating device. J. W. Tatter. 1,929,191; Oct. 3.
- Oils, Treating hydrocarbon. W. M. Stratford. 1,930,730; Oct. 17.
- Oil, Treating hydrocarbon. C. W. Watson. 1,933,574; Nov. 7.
- Oil, Treating tung. W. B. Stoddard, T. H. Geiger, and L. M. Burgess. 1,924,524; Aug. 29.
- Oil treatment. Electrothermal. F. W. Sullivan, jr. 1,927,074; Sept. 19.
- Oil treatment, Hydrocarbon. L. C. Huff. 1,938,836; Dec. 12.
- Oil, Treatment of. K. T. Steik. 1,896,470; Feb. 7.
- Oil, Treatment of hydrocarbon. C. H. Angell. Re18,899; July 18.
- Oil, Treatment of hydrocarbon. C. H. Angell. 1,897,628; Feb. 14.
- Oil, Treatment of hydrocarbon. R. B. Day. 1,937,873; Dec. 5.
- Oil, Treatment of hydrocarbon. J. C. Morrell. 1,941,267; Dec. 26.
- Oil treatment process and apparatus therefor. H. C. Kirk. 1,901,172; Mar. 14.
- Oil, Vapor phase cracking of. E. W. Gard, B. G. Aldridge, and P. Subkow. 1,914,914; June 20.
- Oil, Vaporizing. A. E. Harnsberger and C. B. Watson. 1,928,102; Sept. 26.
- Oil-water suspensions and loose emulsions, Method of and apparatus for resolving. H. F. Fisher. 1,932,093; Oct. 24.
- Oil well casings, Landing. F. J. Wheeler and B. S. Minor. 1,898,649; Feb. 21.
- Oil well control, Subterranean automatic. G. Battelle. 1,901,141; Mar. 14.
- Oil well drill. R. E. Harner. 1,932,891; Oct. 31.
- Oil well heater. F. M. Lewis. 1,915,895; June 27.
- Oil well pump. A. G. Gage. 1,907,947; May 9.
- Oil well pump. G. H. Roberts. 1,929,827; Oct. 10.
- Oil well pump, Centrifugal. C. G. Boone. 1,930,381; Oct. 10.
- Oil well testing device. M. O. Johnston. 1,901,813; Mar. 14.
- Oil wells, Apparatus for controlling. H. C. Otis. 1,911,323; May 30.
- Oil wells, Apparatus for extinguishing burning. K. Fleischmann. 1,921,739; Aug. 8.
- Oil wells, Increasing the output of. M. De Groot. 1,922,154; Aug. 15.
- Oil wells, Method and apparatus for drilling. D. Dana and F. A. Morgan. 1,900,163-4; Mar. 7.
- Oil wells, Method of and apparatus for hydraulically pumping. O. B. Kibele and E. R. Ericson. 1,899,697; Feb. 28.
- Oil with addition of wood oil and means therefor. Production of thickened. J. Sommer and S. J. Ralph. 1,915,555; June 27.
- Oil with liquid sulphur dioxide, Treatment of mineral. I. Rosenberg. 1,908,646; May 9.
- Oilier, Air line. J. C. Curtis. 1,907,045; May 2.
- Oilier, Battery post. S. Penman. 1,940,507; Dec. 19.
- Oilier, Chain. C. R. Adams. 1,914,093; June 13.
- Oilier, Flange. E. O. Corey. 1,916,826; July 4.
- Oilier, Gravity feed. L. L. Armantrout and C. R. McCue. 1,923,857; Aug. 22.
- Oilier, Hog. J. Reins and J. Snyder. 1,933,071; Oct. 31.
- Oilier, Overhead valve. G. L. Baughman and L. M. Murphy. 1,935,496; Nov. 14.
- Oilier, Pump-type. F. L. V. Spring. 1,916,394; July 4.
- Oilier, Rail and flange. D. W. Davis. 1,896,702; Feb. 7.
- Oilier, Rail and flange. F. W. Edwards and N. M. Barker. 1,917,189; July 4.
- Oilier, Track. W. F. Coors. 1,905,155; Apr. 25.
- Oilier, Track. W. H. Stilwell. 1,930,400; Oct. 10.
- Oilier, Valve cylinder. W. H. Dilks. 1,893,073; Jan. 3.
- Oilier, Wick. H. Kreidel. 1,901,972; Mar. 21.
- Oiling apparatus for locomotive driving wheel flanges. F. F. Sullivan. 1,897,827; Feb. 14.
- Oiling device. F. Frelin. 1,923,717; Aug. 22.
- Oiling device. W. K. Newcomb. 1,922,707; Aug. 15.
- Oiling device. F. M. Slater. 1,909,021; May 16.
- Oiling device. E. F. Terry. 1,907,464; May 9.
- Oiling device, Auto. F. G. Frenger. 1,923,364; Aug. 22.
- Oiling device for a rotary valve. C. C. Foss. 1,933,169; Oct. 31.
- Oiling device for bearings. R. V. D. Firth. 1,900,924; Mar. 14.
- Oiling mechanism. H. D. Church. 1,939,765; Dec. 19.
- Oiling system. W. S. Fisher. 1,929,398; Oct. 3.
- Oiling system. R. M. Heintz. 1,907,805; May 9.
- Oiling system. H. G. Koepke. 1,922,589; Aug. 15.
- Oiling system, Automatic. A. Randolph and E. S. Dawson. 1,933,684; Nov. 7.
- Oiling system, Crank shaft. F. T. Irgens. 1,898,631; Feb. 21.
- Oiling system for ball bearings, Water cooled. C. T. Raule. 1,934,278; Nov. 7.
- Oiling system for bearings. F. T. Hague. 1,917,969; July 11.
- Oiling system for deep-well turbine pumps, Automatic. R. M. Magnuson. Re18,995; Nov. 14.
- Oiling system for motor cars. E. C. Stanley. 1,902,592; Mar. 21.
- Oiling system for multiple cylinder internal combustion engines, Gear. E. P. Teri. 1,920,134; July 25.
- Oils and antiknock motor fuels. Manufacture of high grade burning. E. J. Gohr. 1,933,107; Oct. 31.
- Oils and fats, Refining of vegetable. M. Scheilmann and H. Franzen. 1,927,850; Sept. 26.
- Oils and grease from oil laden water and the like, Apparatus for the removal and recovery. A. E. Ridley. 1,922,714; Aug. 15.
- Oils and other liquids by gaseous pressure, Apparatus for raising natural. N. F. Brown. 1,930,412; Oct. 10.
- Oils and particularly pressure distillate. Stabilization of light hydrocarbon. J. K. Roberts. 1,939,633; Dec. 12.
- Oils and resins, Manufacture of drying. S. M. Cooper. 1,938,320; Dec. 5.
- Oils and the products resulting therefrom, Treating lubricating. B. Gallsworthy. 1,932,381; Oct. 24.
- Oils, Apparatus and process for treating hydrocarbon. J. B. Weaver. 1,936,699; Nov. 28.
- Oils, Apparatus for converting hydrocarbon. H. L. Snow. 1,911,476; May 30.
- Oils, Apparatus for distilling. H. L. Doherty. 1,898,246; Feb. 21.
- Oils, Apparatus for distilling. J. E. Schulze. 1,934,150; Nov. 7.
- Oils, Apparatus for distilling hydrocarbon. H. G. Schnetzler. 1,916,690; July 4.
- Oils, Apparatus for the conversion of hydrocarbon. R. R. Irwin and E. C. Marshall. 1,928,494; Sept. 26.
- Oils, Apparatus for treating. L. C. Huff. 1,912,640; June 6.
- Oils, Apparatus for treating hydrocarbon. O. C. Brewster and W. M. Perry. 1,909,335; May 16.
- Oils by action of high pressure hydrogen. Purifying unrefined hydrocarbon. R. P. Russell. 1,940,649; Dec. 19.
- Oils by treatment with hydrogen under elevated temperature and pressure. Improvement of hydrocarbon. R. P. Russell. 1,940,650; Dec. 19.
- Oils, Cleansing waste lubricating. C. E. Fox. 1,930,006; Oct. 10.
- Oils, Conversion of hydrocarbon. C. H. Angell. 1,940,673; Dec. 26.
- Oils, Converting high boiling hydrocarbon oils into lower boiling hydrocarbon. G. Cash. 1,896,728; Feb. 7.
- Oils, Converting hydrocarbon. C. P. Dubbs. 1,897,576; Feb. 14.
- Oils, Converting hydrocarbon. H. R. Snow. 1,908,001; May 9.
- Oils, Converting hydrocarbon. R. de M. Taveau. 1,936,735; Nov. 28.
- Oils, Cracking. C. P. Dubbs. 1,897,635; Feb. 14.
- Oils, Cracking and cooking hydrocarbon. H. L. Pelzer. 1,937,163; Nov. 28.
- Oils, Cracking hydrocarbon. J. G. Alther. 1,895,873; Jan. 31.
- Oils, Cracking hydrocarbon. J. Delattre-Seguy. 1,939,281; Dec. 12.
- Oils, Cracking hydrocarbon. H. L. Doherty. 1,917,705; July 11.
- Oils, Cracking hydrocarbon. G. Egloff. 1,931,757; Oct. 24.
- Oils, Cracking hydrocarbon. G. Egloff. 1,938,817; Dec. 12.
- Oils, Cracking hydrocarbon. L. C. Huff. 1,937,959; Dec. 5.
- Oils, Cracking hydrocarbon. W. B. D. Penniman. 1,922,322; Aug. 15.
- Oils, Cracking petroleum. C. P. Dubbs. 1,897,245; Feb. 14.
- Oils, Decolorizing. I. K. Fuller. 1,904,682; Apr. 18.
- Oils, Dehydrating. W. H. Elliott. 1,928,282; Sept. 26.
- Oils, Desulphurizing hydrocarbon. R. F. Ruthruff. 1,938,672; Dec. 12.
- Oils, Desulphurizing hydrocarbon. F. W. Sullivan, jr., and A. B. Brown. 1,938,670-1; Dec. 12.
- Oils, Dewaxing. A. Henriksen. 1,901,240; Mar. 14.
- Oils, Dewaxing and refining. H. N. Lyons. 1,920,922; Aug. 1.
- Oils, Dewaxing hydrocarbon. E. Petty. 1,940,014; Dec. 19.
- Oils, Dewaxing hydrocarbon. F. W. Sullivan, jr. 1,938,545; Dec. 5.
- Oils, Distillation of crude. F. Tinker. 1,920,815; Aug. 1.
- Oils, Distillation of petroleum. A. A. MacCubbin and J. Zaverntnik, jr. 1,907,328; May 2.
- Oils, Distilling heavy. G. B. Coubrough. 1,911,993; May 30.
- Oils, Distilling hydrocarbon. W. H. Bahlke. 1,910,667; May 23.
- Oils, Distilling hydrocarbon. S. C. Yeaton. 1,909,600; May 16.
- Oils, Distilling mineral. E. W. Beardsley and D. M. Evans. 1,901,863; Mar. 21.
- Oils, Eliminating water hazard in treating. C. D. Bayne. 1,899,889; Feb. 28.
- Oils, Extraction of hydrocarbon. E. R. Birkhimer. 1,910,422; May 23.

- Oils, fats, fatty oils, fatty esters, fatty acids, fatty acids salts, and related compounds, Preservation of. W. S. Calcott, W. A. Douglass, and H. W. Walker. 1,913,367-8; June 13.
- Oils, Filtering used motor. G. M. Maverick and G. L. Matheson. 1,914,999; June 20.
- Oils, Flash distillation of. N. E. Loomis. 1,911,836; May 30.
- Oils, Fractionation of hydrocarbon. H. R. Snow. 1,938,118; Dec. 5.
- Oils, Fractionation of hydrocarbon. R. E. Wilson. 1,899,918; Feb. 28.
- Oils from heavier unrefined products by the action of high pressure hydrogen, Obtaining valuable hydrocarbon. H. H. Semmes. 1,940,653; Dec. 19.
- Oils from higher boiling oils, Obtaining low boiling. R. P. Russell. 1,934,093; Nov. 7.
- Oils from higher burning oils, Obtaining low boiling. M. W. Boyer. 1,934,031; Nov. 7.
- Oils from mineral oils, Recovery and purification of lubricating. F. X. Govers. 1,920,125; July 25.
- Oils from solid residues, Separation of. M. Pier and K. Winkler. 1,904,521; Apr. 18.
- Oils from unrefined hydrocarbon material, Producing refined hydrocarbon. H. H. Semmes. 1,940,651; Dec. 19.
- Oils, Hydrocarbon mineral. C. J. Rodman and R. P. Dunmire. 1,919,669; July 25.
- Oils, Hydrogenation of hydrocarbon. H. W. Fisher. 1,920,140; July 25.
- Oils, Improving the quality of transformer. T. E. Layng and M. A. Youker. 1,922,103; Aug. 15.
- Oils, Lubricating. G. H. B. Davis. 1,934,043; Nov. 7.
- Oils, Making stable low pour point lubricating. H. T. Bennett and L. G. Story. 1,896,342; Feb. 7.
- Oils, Manufacturing and refining mineral. B. Malishev. 1,914,953; June 20.
- Oils, Method and apparatus for cracking. B. Broido and J. R. Levalley. 1,921,603; Aug. 8.
- Oils, Method and apparatus for treating. W. G. Laird. 1,894,355; Jan. 17.
- Oils, Method and apparatus for treating. W. G. Laird. 1,926,009; Sept. 5.
- Oils or other fluids, Apparatus for cooling. H. W. Ellis and R. W. Bottomley. 1,914,084; June 13.
- Oils, Packaging of edible. W. G. Christiansen and F. R. Chappell. 1,924,708; Aug. 29.
- Oils, Pressure distillation of hydrocarbon. R. E. Wilson. 1,898,414; Feb. 21.
- Oils, Process and apparatus for converting. G. Egloff. 1,900,170; Mar. 7.
- Oils, Process and apparatus for converting. G. Egloff. 1,900,171; Mar. 7.
- Oils, Process and apparatus for converting hydrocarbon. C. W. Watson. 1,929,529; Oct. 10.
- Oils, Process and apparatus for refining mineral. W. G. Laird. 1,940,955; Dec. 26.
- Oils, Process and apparatus for the conversion of hydrocarbon. J. G. Alther. 1,897,567; Feb. 14.
- Oils, Process and apparatus for treating. R. T. Pollock. 1,901,931; Mar. 21.
- Oils, Process for safety distilling and decolorizing mineral. D. S. Belden. 1,898,168; Feb. 21.
- Oils, Processing. J. C. Black and M. L. Chappell. 1,915,592; June 27.
- Oils, Processing viscous hydrocarbon. J. C. Black. 1,935,693; Nov. 21.
- Oils, Producing heavy hydrocarbon. R. T. Haslam. 1,934,063; Nov. 7.
- Oils, Production of high quality lubricating. W. Pungs, H. Rabe, and H. Zorn. 1,938,088; Dec. 5.
- Oils, Production of hydrocarbon. F. Hofmann and C. Wulff. 1,933,434; Oct. 31.
- Oils, Production of lubricating. M. Pier and F. Christmann. 1,914,727; June 20.
- Oils, Production of refined hydrocarbon. M. Pier, F. Ringer, and W. Simon. 1,932,186; Oct. 24.
- Oils, Purifying. R. C. Osterstrom. 1,894,323; Jan. 17.
- Oils, Pyrolytic conversion of petroleum. F. A. Howard. 1,899,895; Feb. 28.
- Oils, Reclaiming. J. Stormonth. 1,903,370; Apr. 4.
- Oils, Reclamation of crank case or used. L. J. Ireland. Re18,898; July 18.
- Oils, Recovery of hydrocarbon. J. Van Ackeren. 1,916,349; July 4.
- Oils refined with recovered acid, Treating. A. N. Belcher and D. B. Nutt. 1,911,419; May 30.
- Oils, Refinement of vitamin-containing unsaponifiable matter of. A. Black. 1,935,042; Nov. 14.
- Oils, Refining. W. G. Laird. 1,900,862; Mar. 7.
- Oils, Refining hydrocarbon. E. C. Herthel. 1,939,263; Dec. 12.
- Oils, Refining of hydrocarbon. J. C. Morrell. 1,904,381; Apr. 18.
- Oils, Sweetening hydrocarbon. R. S. McClaughry and L. V. Moore. 1,927,068; Sept. 19.
- Oils through paper, Filtering. W. S. Baylis. 1,906,356; May 2.
- Oils, Treating. A. A. Wells. 1,904,183; Apr. 18.
- Oils, Treating and refining hydrocarbon. P. L. Krauel and G. W. Watts. 1,936,629; Nov. 28.
- Oils, Treating drying. E. Assor. 1,902,684; Mar. 21.
- Oils, Treating hydrocarbon. A. S. Bailey and E. M. Reynolds. 1,924,534; Aug. 29.
- Oils, Treating hydrocarbon. O. Behlmer. 1,902,056; Mar. 21.
- Oils, Treating hydrocarbon. J. C. Black. 1,912,882; June 6.
- Oils, Treating hydrocarbon. G. B. Bogart. Re18,862; June 6.
- Oils, Treating hydrocarbon. H. A. Fouts. 1,936,298; Nov. 21.
- Oils, Treating hydrocarbon. F. W. Hall and C. E. Lauer. 1,936,086; Nov. 21.
- Oils, Treating hydrocarbon. A. E. Harnsberger and C. L. Smith. 1,927,829; Sept. 26.
- Oils, Treating hydrocarbon. J. C. Morrell. 1,933,748; Nov. 7.
- Oils, Treating hydrocarbon. J. A. Schaeffer and G. Pfersch. 1,908,924; May 16.
- Oils, Treating hydrocarbon. J. C. Morrell. 1,935,162; Nov. 14.
- Oils, Treating hydrocarbon. C. P. Wilson, jr. 1,935,967; Nov. 21.
- Oils, Treating synthetic. E. M. Jolly and C. C. Swooper. 1,934,068; Nov. 7.
- Oils, Treatment of cut. F. E. Fuchs. 1,897,019; Feb. 7.
- Oils, Treatment of fatty. J. Scheiber. 1,896,467; Feb. 7.
- Oils, Treatment of hydrocarbon. G. Armistead, jr. 1,936,283; Nov. 21.
- Oils, Treatment of hydrocarbon. D. J. Bergman. 1,900,153; Mar. 7.
- Oils, Treatment of hydrocarbon. E. R. Birkhimer. 1,904,402; Apr. 18.
- Oils, Treatment of hydrocarbon. A. G. Connolly. 1,934,967-8; Nov. 14.
- Oils, Treatment of hydrocarbon. A. G. Connolly. 1,938,993; Dec. 12.
- Oils, Treatment of hydrocarbon. R. F. Davis. 1,941,251; Dec. 26.
- Oils, Treatment of hydrocarbon. R. B. Day. 1,920,247; Aug. 1.
- Oils, Treatment of hydrocarbon. G. Egloff. 1,937,946; Dec. 5.
- Oils, Treatment of hydrocarbon. J. B. Heid. 1,924,855; Aug. 29.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 1,927,182; Sept. 19.
- Oils, Treatment of hydrocarbon. J. C. Morrell. 1,940,726; Dec. 26.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 1,897,582; Feb. 14.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 1,935,160-1; Nov. 14.
- Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 1,941,266; Dec. 26.
- Oils, Treatment of hydrocarbon. E. F. Nelson. 1,930,211; Oct. 10.
- Oils, Treatment of hydrocarbon. E. F. Nelson. 1,934,873; Nov. 14.
- Oils, Treatment of hydrocarbon. H. Pines. 1,937,914; Dec. 5.
- Oils, Treatment of hydrocarbon. J. D. Seguy. 1,927,187; Sept. 19.
- Oils, Treatment of hydrocarbon. M. C. Sumpter. 1,912,603; June 6.
- Oils, Treatment of hydrocarbon. H. C. Weber. 1,930,216; Oct. 10.
- Oils with acid-activated earth and water, Decolorizing. W. S. Baylis and D. S. Belden. 1,898,165; Feb. 21.
- Ointment, Making a purified coal tar. A. E. Osterberg. 1,908,176; May 9.
- Oleaginous solution of mercury compounds and preparing the same. G. W. Raiziss. 1,920,523; Aug. 1.
- Olefin-polysulphide plastic. J. C. Patrick. 1,923,392; Aug. 22.
- Olefines, Acetylating. B. T. Brooks. 1,894,662; Jan. 17.
- Olefines and diolefines, Production of. O. Schmidt, M. Treppenauer, O. Gorsksinsky, and H. Fischer. 1,900,739; Mar. 7.
- Olefines from paraffin hydrocarbons, Separation of. R. M. Deanesly. 1,893,733; Jan. 10.
- Olefines, Sulphating. B. T. Brooks. 1,940,073; Dec. 19.
- Olefines, Sulphating. B. T. Brooks and E. J. Cardarelli. 1,919,617; July 25.
- Oleomargarine or butter substitute, Manufacturing. A. E. Seymour. 1,934,564; Nov. 7.
- Olives, Curing ripe. B. Preble. 1,928,229; Sept. 26.
- Olla shell. M. Alex. Des. 89,667; Apr. 18.
- 1-amino-5-methoxy-benzo-thiazole. H. A. Lubs and A. L. Fox. 1,931,077; Oct. 17.
- 1-amino-10-anthrone and the products obtainable thereby, Preparing. G. Kränzlein, W. Broeker, and A. Wolf-ram. 1,919,563; July 25.
- 1-amino-2-alkoxy-naphthalenes. R. Tobler and W. Kern. 1,894,330; Jan. 17.
- 1-arylamino-2-methyl-anthraquinones, Preparing. A. J. Wuerzt. 1,936,077; Nov. 21.
- 1'-chloro-1-methylnaphthalene, Manufacturing. G. Redden and H. Lange. 1,910,475; May 23.
- 1,5-dichloro-2,6-diamino anthraquinone, Preparing. W. L. Rintelman. 1,899,987; Mar. 7.
- 1:5 from 1:8 amino-naphthalene mono-sulphonic acids, Separation of. E. F. Hitch and C. K. Black. 1,912,639; June 6.
- 1,4-amino-hydroxyanthraquinone, Preparing. C. Bamberger. 1,930,352; Oct. 10.
- 1,4-diaminoanthraquinone, Preparing. C. Bamberger and P. Nawiasky. 1,930,351; Oct. 10.
- 1,4,1',4'-tetrahydroxy-2,2'-dianthraquinonyl, Manufacture of. R. E. Schmidt, B. Stein, and K. Bamberger. 1,909,638; May 16.

- 1.1,2-tri-chloro-ethane, Producing. J. Söhl and B. Hennig. 1,914,465; June 20.
- 1-phenyl-2-(N-methyl-N-aryl-alkyl-) aminopropanols-1 and optically active 1-phenyl-2-(N-methyl-) aminopropanol-1 and preparing them, Optically active. F. Stolz and F. Flaecher. 1,934,015; Nov. 7.
- 1-7-Dihydroxynaphthalene, Preparing. J. Mersch. 1,916,627; July 4.
- 1,6-dibromo-2-hydroxy-naphthalene-3-carboxylic acid, Making. L. Laska and J. Wollemann. 1,933,987; Nov. 7.
- 1,3-butylene glycol, Production of. M. Mueller-Conradi and H. Spenkens. 1,907,855; May 9.
- 1,2,5,6-dibenzophenazine and its derivatives, Manufacture of. E. Kramer, B. Bollweg, and L. Zeh. 1,909,688; May 16.
- 1,2,3,4-tetrahydro-6-naphthaldehyde, Manufacturing. G. Reddell and H. Lange. 1,908,918; May 16.
- Onions, Harvesting. R. C. Zuckerman. 1,935,972; Nov. 21.
- Onyx, marble, or the like on glass, Imitating. F. L. Hill. 1,924,787; Aug. 29.
- Opal and the like, Floating. S. Stonberg. 1,912,602; June 6.
- Open hearth furnace. W. F. Bartholomew. 1,907,140; May 2.
- Open hearth furnace. I. A. Billiar. 1,905,677; Apr. 25.
- Open hearth furnace. A. J. Boynton. 1,901,079; Mar. 14.
- Open-hearth furnace. N. F. Egler. 1,909,048; May 16.
- Open hearth furnace. G. W. Finney. 1,936,621; Nov. 28.
- Open hearth furnace. W. C. Frank and F. E. Howells. 1,911,495; May 30.
- Open hearth furnace. E. E. McVey. 1,914,577; June 20.
- Open hearth furnace. H. M. Murphy. 1,917,807; July 11.
- Open hearth furnace. S. Naismith. 1,925,494; Sept. 5.
- Open spaces on building, Arrangement for producing. C. A. Windeknecht. 1,896,433; Feb. 7.
- Opener and cigar cutter, Package. W. C. Groble. 1,932,211; Oct. 24.
- Opener and key ring, Combined bottle. J. C. A. Labreche. 1,899,203; Feb. 28.
- Opener and spout former, Can. E. Wismar. 1,906,298; May 2.
- Opener, Automatic door. B. B. Ashbrook. 1,900,785; Mar. 7.
- Opener, Automatic door. D. Palumbo. 1,930,824; Oct. 17.
- Opener, Bottle. W. T. Armstrong. Des. 90,011; May 30.
- Opener, Bottle. F. R. Gioscio. Des. 91,134; Dec. 5.
- Opener, Bottle. S. Gunther. 1,894,487; Jan. 17.
- Opener, Bottle. B. F. Refka. Des. 90,857; Oct. 10.
- Opener, Bottle. O. A. and J. B. Sinner. Des. 90,784; Sept. 26.
- Opener, Can. E. M. Darque. 1,921,911; Aug. 8.
- Opener, Can. O. F. Demers. 1,903,984; Apr. 18.
- Opener, Can. J. J. Elster. 1,914,738; June 20.
- Opener, Can. W. E. Jensen. 1,895,221; Jan. 24.
- Opener, Can. H. von Wolfersdorf. 1,935,680; Nov. 21.
- Opener, Car door. E. H. Kidder. 1,938,026; Dec. 5.
- Opener, Container. H. J. Edlund. 1,934,594; Nov. 7.
- Opener device, Egg. A. Horvath. 1,924,789; Aug. 29.
- Opener, Door. F. Brose. 1,931,812; Oct. 24.
- Opener, Egg. A. Heller. 1,941,088; Dec. 26.
- Opener, Fruit jar. C. A. Schacht. 1,919,866; July 25.
- Opener, Garage door. J. W. Scrogges. 1,911,293; May 30.
- Opener, Jar. E. W. Cressey. 1,913,535; June 13.
- Opener, Jar. F. P. Smith. 1,894,202; Jan. 10.
- Opener, jar top remover, and cork screw, Combination bottle. H. G. Thompson. 1,930,492; Oct. 17.
- Opener, Lister disk furrow. P. W. Schwab. 1,940,273; Dec. 19.
- Opener, Package. F. Lepage and A. Martineau. 1,902,963; Mar. 28.
- Opener, Package. C. J. Robinson. 1,919,907; July 25.
- Opener, Safety razor carton. R. M. Lafever and C. G. Goss. 1,908,851; May 16.
- Opening and closing device for car doors. J. H. Simonton. 1,940,191; Dec. 19.
- Opening and closing means for doors. J. C. Behnke. 1,930,120; Oct. 10.
- Opening and closing means with friction retardation swivel. W. D. Ferris. 1,940,408; Dec. 19.
- Opening devices for boxes or like containers. H. T. Gaseltine. 1,896,400; Feb. 7.
- Operating device. E. G. McDonald. 1,902,569; Mar. 21.
- Operating device for car couplers. G. G. Gilpin. 1,918,806; July 18.
- Operating device for railway car couplers. C. M. Goldinger. 1,939,893; Dec. 19.
- Operating lamp. W. Luxmore. 1,937,585; Dec. 5.
- Operating means. W. L. Ringling. 1,930,728; Oct. 17.
- Operating means for a crank press. C. H. Lasker. 1,905,113; Apr. 25.
- Operating mechanism. L. E. La Brie. 1,940,457; Dec. 19.
- Operating mechanism. A. Y. Dodge and M. W. McConkey. 1,930,710; Oct. 17.
- Operating mechanism. H. I. Morris. 1,928,698; Oct. 3.
- Operating mechanism for curtains, shades, or the like. M. B. Benson. 1,941,383; Dec. 26.
- Operating mechanism for oscillating grates. C. Losch. 1,939,177; Dec. 12.
- Operating member or stick for hot line equipment. H. W. Bodendieck. 1,920,168; Aug. 1.
- Operating table. G. A. Brewster. 1,912,471; June 6.
- Operating tool. C. O'Donnell. 1,917,878; July 11.
- Operator for counterbalanced elevator doors. R. S. Peele. 1,904,009; Apr. 18.
- Operator for soap dispensers. H. I. Koppelman. 1,938,292; Dec. 5.
- Operator indicator for busy lines at central offices, Automatic. W. B. Blanton. 1,904,265; Apr. 18.
- Ophthalmic bridge mounting. L. J. Kuehn. 1,919,836; July 25.
- Ophthalmic lens. H. W. Hill. 1,907,810; May 9.
- Ophthalmic mounting. N. M. Baker. 1,918,953; July 18.
- Ophthalmic mounting. N. M. Baker. 1,923,566-7; Aug. 22.
- Ophthalmic mounting. S. E. Bouchard. 1,916,601; July 4.
- Ophthalmic mounting. S. Hurwitz. 1,922,766; Aug. 15.
- Ophthalmic mounting. C. F. Insold. 1,908,480; May 9.
- Ophthalmic mounting. F. M. Jahn and C. C. Atkinson. 1,892,671; Jan. 3.
- Ophthalmic mounting. J. N. Nelson. 1,926,731; Sept. 12.
- Ophthalmic mounting. L. Poeton. 1,918,982; July 18.
- Ophthalmic test frame. R. W. Rigler. 1,908,053; May 9.
- Ophthalmic test frame. R. W. Rigler. 1,932,482; Oct. 31.
- Ophthalmological apparatus. W. A. Gunning. 1,902,401; Mar. 21.
- Optic projection. N. Miller. 1,937,353; Nov. 28.
- Optical apparatus for the examination of goffered films. I. Kitroser. 1,931,228; Oct. 17.
- Optical correction of cyclophoria. A. Ames, jr., and G. H. Gliddon. 1,908,296; May 9.
- Optical illuminator. W. S. Lafans. 1,927,520; Sept. 19.
- Optical inspection apparatus. K. K. Ledig. 1,908,990; May 16.
- Optical instrument. A. S. Cameron. 1,899,135; Feb. 28.
- Optical perimeter. M. D. Campbell. 1,903,502; Apr. 11.
- Optical polygraph. E. Blum. 1,903,890; Apr. 18.
- Optical projection. A. Gauthier. 1,934,418; Nov. 7.
- Optical projection apparatus. L. E. Davidson. 1,893,359; Jan. 3.
- Optical projection system. K. Morsbach and H. Schulz. 1,908,043; May 9.
- Optical pyrometer. E. Cook and E. L. Anderson. 1,920,293; Aug. 1.
- Optical rectifier. J. Bledowski. 1,928,088; Sept. 26.
- Optical system. F. W. Jobe. 1,939,554; Dec. 12.
- Optical system. J. C. Karnes. 1,892,893; Jan. 3.
- Optical system. A. J. McMaster. 1,909,115; May 16.
- Optical system. F. H. Owens. 1,912,156; May 30.
- Optical system. F. E. Tuttle and F. E. Altman. 1,897,874; Feb. 14.
- Optical system for cameras for photography or cinematography, particularly in color. A. G. Hillman. 1,919,022; July 18.
- Optical system for motion picture photography. W. L. Wright. 1,930,498; Oct. 17.
- Optical system for motion picture projection machines, Compound. A. Dina. 1,932,204; Oct. 24.
- Optical system for photographic purposes. O. O. Cecarini. 1,938,808; Dec. 12.
- Optical system for photography. L. L. Mellor. 1,910,492; May 23.
- Optical system for projectors. W. L. Wright. 1,938,950; Dec. 12.
- Optical system for sound reproducing apparatus. F. H. Owens. 1,936,204; Nov. 21.
- Optical systems for cameras for photography or cinematography, particularly in color. A. G. Hillman. 1,919,020; July 18.
- Optical testing apparatus. H. G. Pank. 1,920,428; Aug. 1.
- Optical testing device. W. W. Jones. 1,931,659; Oct. 24.
- Optical transfer of measurements, Apparatus for. A. Bestelmeyer. 1,939,161; Dec. 12.
- Orange juice, Apparatus for preserving. D. M. Smalle. 1,930,213; Oct. 10.
- Orange juice extractor. E. S. Preston. Des. 89,652; Apr. 18.
- Orchard heater. J. H. Ellinghausen. 1,910,097; May 23.
- Orchard heater. J. S. Hodges. 1,908,354; May 9.
- Orchard heater. W. C. Scheu. 1,907,336-7; May 2.
- Orchard heater. W. C. Scheu. 1,913,568; June 13.
- Orchard heater. W. C. Scheu. 1,930,863; Oct. 17.
- Orchard heater. O. F. E. Winberg. 1,934,339; Nov. 7.
- Orchard heater cover. R. E. Upright and J. H. Gilmor. 1,925,682; Sept. 5.
- Orchard heater, Hard fuel. L. L. Swartz and R. E. Upright. 1,938,645; Dec. 12.
- Orchard protective system. J. D. R. De Land. 1,902,119; Mar. 21.
- Orchestral instrument. H. Luedtke. 1,919,849; July 25.
- Ore and other refractory material, Device for crushing and pulverizing. J. A. McCaskell. 1,936,728; Nov. 28.
- Ore and the like, Apparatus for pulverizing and classifying. F. C. Perew. 1,897,176; Feb. 14.
- Ore beneficiation. R. F. Meyer. 1,908,994; May 16.
- Ore by flotation, Concentrating. F. G. Moses, R. W. Hess, and R. L. Perkins. 1,934,440; Nov. 7.
- Ore classifier. A. C. Daman and W. E. Smith. 1,892,872; Jan. 3.
- Ore concentration. F. F. Johnston. 1,927,939; Sept. 26.
- Ore concentration. A. C. Munro. 1,937,837; Dec. 5.
- Ore concentration machine. A. Garrett. 1,910,386; May 23.
- Ore concentrator. H. C. Mitchell. 1,894,779; Jan. 17.
- Ore conditioning process. G. J. Holt, R. O. Hocking, A. B. Matson, and A. K. Knickerbocker. 1,901,102; Mar. 14.

- Ore conditioning process. G. J. Holt, R. O. Hocking, A. E. Matson, and A. K. Knickerbocker. 1,939,119; Dec. 12.
- Ore flotation and flotation reagent. O. D. Cunningham. 1,902,838; Mar. 28.
- Ore furnace, Sulphur bearing. I. Hechenbleikner. 1,923,866; Aug. 22.
- Ore or metal of high specific gravity, Method of and apparatus for separating. C. T. and F. Rauschenbusch. 1,917,156; July 4.
- Ore, Preparing. R. F. Meyer. 1,898,018; Feb. 21.
- Ore reduction mill. J. W. Higby. 1,911,568; May 30.
- Ore, Reduction of. K. H. Moll, H. Etherington, and D. F. Smith. 1,934,082; Nov. 7.
- Ore reduction process. C. G. Maier. 1,916,112; June 27.
- Ore separation. A. J. Weinig and R. E. Cuthbertson. 1,906,029; Apr. 25.
- Ore separator. S. J. Dryhurst. 1,935,547; Nov. 14.
- Ore treating machine. L. F. Clark and C. L. Wallfred. 1,940,246; Dec. 19.
- Ores and apparatus therefor, Sintering. T. H. Bennett. 1,940,935; Dec. 26.
- Ores and furnace therefor, Treating. M. W. Krejci. 1,915,540; June 27.
- Ores and other mineral aggregates, Concentrating. T. H. Aldrich, jr. 1,921,306; Aug. 8.
- Ores, Apparatus for electrothermic reduction of. S. T. Wiles. 1,934,634; Nov. 7.
- Ores, Apparatus for reducing chrome. D. M. Scott. 1,896,789; Feb. 7.
- Ores, Apparatus for reducing metallic. O. A. Hougen and K. M. Watson. 1,938,832; Dec. 12.
- Ores, Beneficiation of. A. J. Jones. 1,937,822; Dec. 5.
- Ores by flotation, Concentration of. F. G. Moses, R. W. Hess, and R. L. Perkins. 1,904,460; Apr. 18.
- Ores, Chlorinating sulphide. L. G. Jenness. 1,923,095; Aug. 22.
- Ores, Dry chloridizing of. R. E. Meyer. 1,937,661; Dec. 5.
- Ores for sintering, Apparatus for preparing. B. G. Klugh. 1,931,499; Oct. 24.
- Ores, Froth-flotation concentration of. P. C. Wright. 1,902,317; Mar. 21.
- Ores, Metallurgy of complex. M. G. Fowler, C. R. Kuzell, and O. C. Ralston. 1,893,798; Jan. 10.
- Ores, Method and apparatus for roasting. H. O. C. Ingraham. 1,912,455; June 6.
- Ores, Method and apparatus for treatment of chromite. W. A. Harshaw. 1,914,804; June 20.
- Ores, Reducing. F. E. Kern. 1,896,088; Feb. 7.
- Ores, Reducing oxide. D. M. Scott. 1,932,831; Oct. 31.
- Ores, Roasting. A. L. J. Queneau. 1,905,604; Apr. 25.
- Ores, Roasting sulphide. C. B. Clark. 1,912,621; June 6.
- Ores, Roasting zinc sulphide. A. L. J. Queneau. 1,930,370; Oct. 10.
- Ores, Treating. F. Ayer, A. Crowfoot, H. T. Herivel and P. M. Sorensen. 1,916,196; July 4.
- Ores, Treating. H. Morgan. 1,895,811; Jan. 31.
- Ores, Treating. E. W. Wescott. 1,916,853; July 4.
- Ores, Treating iron. E. W. Wescott. 1,898,702; Feb. 21.
- Ores, Treating sulphide. E. W. Wescott. 1,898,701; Feb. 21.
- Ores, Treating titaniferous. B. D. Saklatwalla and H. E. Dunn. 1,911,396; May 30.
- Ores, Treatment of. W. T. Isbell and G. F. Weaton. 1,940,912; Dec. 26.
- Ores, Treatment of complex cobaltic. R. S. Carreras. 1,928,340; Sept. 26.
- Organ, Electric. E. E. Coupleux and J. A. M. V. de P. Givélet. 1,905,996; Apr. 25.
- Organ operating by means of electrode valves, Electric. E. E. Coupleux and J. A. Givélet. 1,911,309; May 30.
- Organ stop action, Combination. J. T. Austin. 1,901,622; Mar. 14.
- Organ stop action, Combination. J. T. Austin. 1,905,880; Apr. 25.
- Organ stop mechanism, Combination. J. T. Austin. 1,901,623; Mar. 14.
- Organ stop operating mechanism. B. G. Austin. 1,899,381; Feb. 28.
- Organ valve. H. E. Burton. 1,898,240; Feb. 21.
- Organ valve. H. E. Burton. 1,912,253; May 30.
- Organ valve, Electromagnetic. H. E. Burton. 1,907,176; May 2.
- Organic compound and treating the same. J. H. Gravell. 1,921,668; Aug. 8.
- Organic compounds, Catalytic alkylation of. K. Schölkopf. 1,908,190; May 9.
- Organic compounds, Catalytic dehydration of. A. O. Jaeger. 1,914,722; June 20.
- Organic compounds, Catalytic molecular association of. A. O. Jaeger. 1,896,240; Feb. 7.
- Organic compounds, Catalytic oxidation of. A. O. Jaeger. 1,935,054; Nov. 14.
- Organic compounds, Catalytic vapor-phase oxidation of. A. O. Jaeger. 1,909,355; May 16.
- Organic compounds containing oxygen, Synthesizing. H. A. Gosselin. 1,920,373; Aug. 1.
- Organic compounds, Electrolytic reduction of. L. P. Kyrides and J. A. Bertsch. 1,927,289; Sept. 19.
- Organic compounds, Manufacture of oxygenated. H. Dreyfus. 1,916,041; June 27.
- Organic compounds, Oxidation of. C. Beck and H. Diekmann. 1,932,613; Oct. 31.
- Organic compounds, Oxidizing cyclic. H. O. Forrest and P. K. Frolich. 1,902,650; Mar. 21.
- Organic compounds, Producing brominated. O. Kaselitz. 1,932,590; Oct. 31.
- Organic compounds, Producing oxygenated. M. Pier, R. Wietzel, and K. Winkler. 1,917,323; July 11.
- Organic compounds, Production of oxygenated. H. F. Oxley. 1,914,785; June 20.
- Organic compounds, Purification of. A. O. Jaeger. 1,920,796; Aug. 1.
- Organic compounds, Treatment of. H. F. Oxley and L. Fallows. 1,936,172; Nov. 21.
- Organic material, Purification of sublimable. K. F. Pietzsch. 1,939,224; Dec. 12.
- Organic products, Production of valuable. C. Krauch, M. Pier, and E. Anthes. 1,904,477; Apr. 18.
- Organic substances from materials containing the same, Apparatus for the recovery of volatilizable. M. Pier and K. Winkler. 1,925,566; Sept. 5.
- Organic substances, Hydrogenating. A. Spilker and C. Zerbe. 1,898,965; Feb. 21.
- Organic substances, Nitrating. A. Hough. 1,936,020; Nov. 21.
- Organic wastes, Conversion process for. G. H. Earp-Thomas. 1,938,647; Dec. 12.
- Organs, Combination action for pipe. H. H. Gordon. 1,930,613; Oct. 17.
- Organs, Combination box for electropneumatic pipe. C. C. Dargis. 1,901,552; Mar. 14.
- Orientator. L. U. Eyerly. 1,925,180; Sept. 5.
- Orifice device, Restricted. C. P. Howard. 1,898,537; Feb. 21.
- Orifice fitting. O. W. Muff. 1,938,460; Dec. 5.
- Orifice meter. J. C. Diehl. 1,916,920; July 4.
- Orifice meter. G. B. Linderman, jr. 1,924,125; Aug. 29.
- Orifice meter. A. D. MacLean and F. Niesemann. 1,897,174; Feb. 14.
- Orifice meter. E. S. Smith, jr. 1,904,333; Apr. 18.
- Orifice meter, Integrating. L. E. Church. 1,912,512; June 6.
- Ornament. J. B. Kelly. 1,929,317; Oct. 3.
- Ornament. L. K. Stupell. 1,921,437; Aug. 8.
- Ornament, Advertising. F. L. H. Amberger. Des. 90,184; June 27.
- Ornament and dispenser, Combined. E. L. Rivet. 1,899,165; Feb. 28.
- Ornament, Bicycle sprocket wheel. G. S. Lewis. Des. 89,083; Jan. 24.
- Ornament, Christmas tree. J. C. Marr. 1,916,059; June 27.
- Ornament fastener. E. R. Hughes and A. H. Borwick. 1,909,353; May 16.
- Ornament, Illuminated Christmas-tree. J. G. Laub. 1,925,328; Sept. 5.
- Ornament or similar article, Automobile radiator. C. L. Cislo. Des. 90,750; Sept. 26.
- Ornament or similar article, Automobile radiator. T. L. Hibbard. Des. 89,831; May 9.
- Ornament or similar article, Automobile radiator. B. E. Lemm. Des. 90,776; Sept. 26.
- Ornament or similar article, Automobile radiator. J. R. Morgan and W. Schnell. Des. 89,447; Mar. 14.
- Ornament or similar article, Automobile radiator. W. Schnell. Des. 89,453; Mar. 14.
- Ornament, Radiator. J. A. Borshowa. Des. 91,052; Nov. 21.
- Ornament, Radiator. G. A. Johnson. Des. 89,045; Jan. 17.
- Ornament, Radiator. G. A. Johnson. Des. 89,964; May 23.
- Ornament, Radiator. F. C. Ruppel. Des. 90,898; Oct. 17.
- Ornament, Radiator cap. W. F. Clark. Des. 89,502; Mar. 21.
- Ornament, Rotatable. J. B. Marshall. 1,913,765; June 13.
- Ornament, Shoe heel. P. Mariani. 1,903,004; Mar. 28.
- Ornament, Table. R. F. Manning. Des. 89,546; Mar. 28.
- Ornamental accessory for automobiles. R. L. Black. 1,916,750; July 4.
- Ornamental chain. K. C. Augenstein. 1,900,377; Mar. 7.
- Ornamental chain. H. Wachenheimer. 1,893,256; Jan. 3.
- Ornamental device. J. H. Arthur. 1,934,653; Nov. 7.
- Ornamental device. A. L. M. Pirrone. 1,897,942; Feb. 14.
- Ornamental device for decorative purposes, Illuminated. E. J. Graf. 1,923,144; Aug. 22.
- Ornamental device for radiator caps. B. L. Frazier. 1,940,490; Dec. 19.
- Ornamental object. W. Favreau. 1,907,769; May 9.
- Ornamental object. D. A. McMillan. 1,906,989; May 2.
- Ornamentation. A. B. Pöschel. 1,909,631; May 16.
- Ornamentation. L. Stalder. 1,908,075; May 9.
- Ornamenting tool. R. Barone. 1,923,250; Aug. 22.
- Ornaments, Making swing joint dress. B. Mechlovits and M. Belloch. 1,912,990; June 6.
- Ornaments on walls, ceiling, and the like, Apparatus for painting circular. E. Helmenstein. 1,930,358; Oct. 10.
- Ornithopter wing structure. C. W. Strobell. 1,913,011; June 6.
- Ortho-aminoaryl-alkylsulphones and ortho-aminoaryl-alkyl sulfones. K. Schimmelschmidt and H. Thomae. 1,939,416; Dec. 12.
- Ortho-amino-carboxylic acid esters of the anthraquinone series, Preparing. K. Wilke. 1,929,863; Oct. 10.
- Orthodontia arch bow. J. E. Johnson. 1,938,428; Dec. 5.
- Orthodontic appliance. J. Aderer. 1,905,877; Apr. 25.
- Orthodontic appliance. J. Aderer. 1,919,762; July 25.

- Orthodontic appliance, Adjustable. J. A. Linde. 1,908,853; May 16.
- Ortho meta and para xylene, Separation and purification of. H. Spannagel and E. Tschunkur. 1,940,065; Dec. 19.
- Ortho-nitro-phenyl-sulphones, Manufacture of. H. Landers. 1,936,721; Nov. 28.
- Orthopedic appliance. O. Putz. 1,935,859; Nov. 21.
- Orthopedic brace. G. V. Arthur. 1,930,188; Oct. 10.
- Orthopedic device. H. R. Bynum. 1,926,033; Sept. 12.
- Orthopedic device. G. C. Martin. 1,911,764; May 30.
- Orthopedic device. N. M. Oehlberg. 1,909,002; May 16.
- Oscillating joint. H. D. Geyer. 1,909,100; May 16.
- Oscillating joint. C. L. Humphrey and R. K. Lee. 1,895,663; Jan. 31.
- Oscillating joint. C. L. Humphrey and R. K. Lee. 1,940,302; Dec. 19.
- Oscillating masses, Supporting. T. von Melcher. 1,927,380; Sept. 19.
- Oscillating motor. H. G. Blosser. 1,913,826; June 13.
- Oscillating pivot joint. E. F. Rossman and G. W. Elsey. 1,913,513; June 13.
- Oscillating suction box. W. P. Muir. 1,937,478; Nov. 28.
- Oscillating valve. J. M. Thrasher. 1,911,044; May 23.
- Oscillation generation. C. W. Hansell. 1,898,181; Feb. 21.
- Oscillation generator. V. J. Andrew. 1,940,833; Dec. 26.
- Oscillation generator. W. E. Bower. 1,900,038; Mar. 7.
- Oscillation generator. W. E. Bower. 1,921,501; Aug. 8.
- Oscillation generator. C. A. Culver. 1,930,458; Oct. 10.
- Oscillation generator. W. A. Harrison. 1,930,278; Oct. 10.
- Oscillation generator. E. B. Norrman. 1,937,583; Dec. 5.
- Oscillation generator. R. J. Piersol. 1,930,536; Oct. 17.
- Oscillation generator. H. O. Roosenstein. 1,901,043; Mar. 14.
- Oscillation generator. G. B. Scheibell. 1,894,636; Jan. 17.
- Oscillation generator. J. D. Tear. 1,936,441; Nov. 21.
- Oscillation generator. A. B. Tripp. 1,919,993; July 25.
- Oscillation generator. G. L. Usselman. 1,934,213; Nov. 7.
- Oscillation generator. V. K. Zworykin. 1,930,499; Oct. 17.
- Oscillation generator, Magnetostriction. R. B. Dome. 1,937,333; Nov. 28.
- Oscillation limit device. L. C. Schenck. 1,893,038; Jan. 3.
- Oscillation system. G. B. Scheibell. 1,894,637; Jan. 17.
- Oscillations, Method of and apparatus for receiving high frequency. E. H. Smythe. 1,924,628; Aug. 29.
- Oscillations, Prevention of parasitic. B. Salzberg. 1,929,874; Oct. 10.
- Oscillations, Reducing the effects of undesired. D. G. McCaa. 1,931,445; Oct. 17.
- Oscillator. F. R. Lack. 1,915,368; June 27.
- Oscillator. V. E. Whitman. 1,893,813; Jan. 10.
- Oscillator and amplifier system, Relaxation. R. M. Page. 1,921,476; Aug. 8.
- Oscillator, Constancy frequency. F. B. Llewellyn. 1,896,781; Feb. 7.
- Oscillator, Crystal controlled. H. Schumacher. 1,921,844; Aug. 8.
- Oscillator, Disk-shaped piezo-electric. H. Straubel. 1,908,572; May 9.
- Oscillator, Electric. M. Kobayashi. 1,913,449; June 13.
- Oscillator, Electromechanical. N. Deisch. 1,941,445; Dec. 26.
- Oscillator for automatic electric welding heads. G. Raymond. 1,933,340; Oct. 31.
- Oscillator, Low frequency. C. G. Suits. 1,925,011; Aug. 29.
- Oscillator mounting. R. L. Williams. 1,923,960; Aug. 22.
- Oscillator or wave-generator, Regeneratively coupled. G. B. Hagen. 1,914,120; June 13.
- Oscillator system. J. B. Dow. 1,937,512; Dec. 5.
- Oscillator tube, Self-contained. E. Karplus. 1,916,224; July 4.
- Oscillator, Variable frequency. O. E. Marvel. 1,929,752; Oct. 10.
- Oscillator, Weldomatic. G. H. Koch. 1,932,042; Oct. 24.
- Oscillators, Mechanical. G. H. Schleferstein. 1,892,968; Jan. 3.
- Oscillatorv joint. A. B. Casper. 1,931,102; Oct. 17.
- Oscillatorv joint. C. F. Lautz. 1,912,780; June 6.
- Oscillograph. E. Busse. 1,939,434; Dec. 12.
- Oscillograph. F. S. Marcellus and M. A. Rusher. 1,906,476; May 2.
- Oscillograph. J. Plesch. 1,906,806; May 2.
- Oscillograph, Cathode ray. E. H. Norinder. 1,910,560; May 23.
- Oscillograph driving mechanism. G. L. Dimmick. 1,936,833; Nov. 28.
- Oscillographic transient recorder. C. M. Hathaway. 1,913,200; June 6.
- O-toluidine, Chlorination of. E. Havas and H. R. Lee. 1,930,751; Oct. 17.
- Otoscope. W. L. Patterson. 1,896,720; Feb. 7.
- Outboard billiard table. J. O. Matteson. 1,933,917; Nov. 7.
- Outfit for sewing filled sacks and like articles. I. F. Webb. 1,930,215; Oct. 10.
- Outing equipment. I. A. Pringle. 1,930,942; Oct. 17.
- Outlet box. O. G. Almerantz. 1,898,282; Feb. 21.
- Outlet box. O. G. Almerantz. 1,933,358; Oct. 31.
- Outlet box. G. Carlson. 1,895,915; Jan. 31.
- Outlet box. G. Carlson. 1,902,488; Mar. 21.
- Outlet box. H. V. Gould. 1,922,432; Aug. 15.
- Outlet box. R. F. Sambleson. 1,929,218; Oct. 3.
- Outlet box. G. P. Schwabacher. 1,920,811; Aug. 1.
- Outlet control for liquid containers. L. Lavoie. 1,904,793; Apr. 18.
- Outlet device, Electrical. H. E. Slade. 1,933,078; Oct. 31.
- Outlet-fitting for air gauges, Self-closing. P. C. Swole. 1,920,441; Aug. 1.
- Outlet receptacle. C. Newman and E. G. Appleton. 1,928,761; Oct. 3.
- Outlet receptacle, Continuous. L. S. Brooks. 1,908,888; May 16.
- Out-of-order signal. B. D. Newton. 1,901,404; Mar. 14.
- Oven. J. B. Iere. 1,894,688; Jan. 17.
- Oven. W. Noble. 1,940,461; Dec. 19.
- Oven and controlling and distributing the products of combustion throughout the same, Baker's. T. J. Stephens. 1,940,889; Dec. 26.
- Oven apparatus, Coke. F. J. Pfluke and L. B. Bowman. 1,920,913; Aug. 1.
- Oven, Baking. A. S. Knapp. 1,894,875; Jan. 17.
- Oven, Barbecue. J. W. Cain. 1,896,192; Feb. 7.
- Oven, Broiler. C. H. and R. F. Hoffstetter. 1,922,585; Aug. 15.
- Oven burner. P. I. Hollman. 1,908,668; May 9.
- Oven burner. H. J. Karges and G. J. Zurstadt. 1,924,042; Aug. 22.
- Oven, By-product coke. C. H. Hughes. 1,899,275; Feb. 28.
- Oven, Coke. P. E. Verpeaux. 1,904,018; Apr. 18.
- Oven, Coking retort. J. Becker. 1,900,752; Mar. 7.
- Oven, Coking retort. J. Becker. 1,904,191; Apr. 18.
- Oven, Coking retort. J. Van Ackeren. 1,908,464; May 9.
- Oven, Coking retort. J. Van Ackeren. 1,908,576; May 9.
- Oven, Coking retort. J. Van Ackeren. 1,916,348; July 4.
- Oven, Coking retort. J. Van Ackeren. 1,928,607; Sept. 26.
- Oven, Core. J. B. Willsea. 1,923,353; Aug. 22.
- Oven, cupboard, and other similar apparatus. E. L. Wilson. 1,936,124; Nov. 21.
- Oven, Electric. A. D'Amico. 1,930,836; Oct. 17.
- Oven, Electric. J. A. Dumas. 1,910,682; May 23.
- Oven, Electric. M. M. Roifson. 1,903,477; Apr. 11.
- Oven, Electrically heated bake. O. Schmidt. 1,916,810; July 4.
- Oven for carbonizing coal briquettes. H. F. Maurel. 1,908,911; May 16.
- Oven for producing gas and coke, Retort. F. Totzek. 1,905,075; Apr. 25.
- Oven for the production of gas and coke, Chamber. C. Still. 1,937,853; Dec. 5.
- Oven, Industrial. A. E. Maehler. 1,914,574; June 20.
- Oven, Low temperature, carbonization. C. Honnay. 1,928,537; Sept. 26.
- Oven of gas and electric ranges. W. D. Antrim. 1,907,414; May 2.
- Oven operation, By-product coke. S. P. Miller. 1,904,161; Apr. 18.
- Oven, Operation of by-product coke. S. P. Miller. 1,935,326; Nov. 14.
- Oven rack shifting device. M. G. Forsyth and R. Lasiter. 1,894,268; Jan. 17.
- Oven, Regenerative coke. C. Otto. 1,904,516; Apr. 18.
- Oven, Regenerative coke. C. Otto. 1,918,926; July 18.
- Oven regulator. W. J. Brennen. 1,925,297; Sept. 5.
- Oven regulator. A. M. Vedoe. 1,917,345; July 11.
- Oven, Rotary. J. Needham. 1,895,230; Jan. 24.
- Oven, Sterilizing. J. Boekel. 1,935,499; Nov. 14.
- Oven, Vertical conveyer. C. A. Barnett and H. W. Steindorf. 1,934,904; Nov. 14.
- Oven with a rammed coal charge, Apparatus for charging a horizontal coke. H. Petsch. 1,940,562; Dec. 19.
- Ovens and the like, Heating coke. J. Becker. 1,898,970; Feb. 21.
- Ovens, Charging coking retort. J. Becker. 1,900,753; Mar. 7.
- Ovens, Operating coke. R. F. Richardson. 1,935,298; Nov. 14.
- Overall loop. C. A. Mosgrove. 1,916,010; June 27.
- Overhead storage tank. C. F. Beckwith. 1,906,834; May 2.
- Overjacket for molds. F. W. Hamel. 1,921,671; Aug. 8.
- Overload device or circuit breaker, Protective. G. O. Wilms. 1,896,736; Feb. 7.
- Overload protection means for piezo-electric crystals. F. Michelsen. 1,920,655; Aug. 1.
- Over-load-release clutch. W. A. Andres. 1,914,795; June 20.
- Overload release mechanism. J. M. McClatchie. 1,920,017; July 25.
- Overload relief for conveyer systems. N. H. Preble. 1,938,720; Dec. 12.
- Overpass. B. H. Flynn. 1,924,779; Aug. 29.
- Overrunning clutch. E. J. Farkas. 1,908,742; May 16.
- Overrunning clutch. O. E. Fishburn. 1,906,560; May 2.
- Over running clutch. L. B. Floyd. 1,893,231; Jan. 3.
- Overseaming machine. A. L. Plamondon. 1,940,144; Dec. 19.
- Overshoe. J. E. Taber. 1,892,791; Jan. 3.
- Overshoe. H. F. Waters. Des. 90,037; May 30.
- Overshoe and making same. W. Joy. 1,894,610; Jan. 17.
- Overshot. A. L. Hampton. 1,902,851; Mar. 28.
- Oxalate, Production of ferric. L. P. Curtin. 1,899,674; Feb. 28.
- Oxidation method, Multiple-step partial. J. H. James. 1,941,010; Dec. 26.

- Oxidation products, Making. W. W. Odell. 1,939,018; Dec. 12.
- Oxidation products of hydrocarbons, Working up of. W. Dietrich. 1,940,400; Dec. 19.
- Oxidation products of sulphur containing derivatives or higher paraffin hydrocarbons and making same. K. Keller. 1,925,191; Sept. 5.
- Oxidation products prepared from solid hydrocarbons, Working up. M. Luther. 1,927,840; Sept. 26.
- Oxidations, Process and apparatus for effecting organic. J. E. Jewett. 1,917,718; July 11.
- Oxide free metal containing no voids, Preparing. F. H. Driggs. 1,920,638; Aug. 1.
- Oxide from arsenical products, Production of pure arsenous. W. Schopper. 1,921,706; Aug. 8.
- Oxide of beryllium, Preparation of. R. A. Gadeau. 1,925,920; Sept. 5.
- Oxides and gases from molten aluminum and aluminum alloys, Separating. R. Sterner-Rainer. 1,896,201; Feb. 7.
- Oxides, Apparatus for production of. E. M. Lofland. 1,924,126-7; Aug. 29.
- Oxides, Flotation of. L. J. Christmann and S. A. Falconer. 1,894,344; Jan. 17.
- Oxides from ores, Recovery of metallic. H. C. Clafin. 1,929,014; Oct. 3.
- Oxides, Molding nonplastic metallic. R. Reichmann and H. Kohl. 1,934,091; Nov. 7.
- Oxides of nitrogen, Absorption of. E. Lüscher. 1,901,816; Mar. 14.
- Oxides, Reducing metallic. W. H. Smith. 1,928,140; Sept. 26.
- Oxidizing means. A. O. Higinbotham. 1,929,493; Oct. 10.
- Oxids from ferrous metal, Removal of. F. Stockton. 1,899,734; Feb. 28.
- Oxyacetylene and similar heating burner. A. Stephenson. 1,907,604; May 9.
- Oxyacetylene burner. B. M. Miller. 1,899,626; Feb. 28.
- Oxygen-absorbing mineral hydrocarbon polymers, Manufacture of products containing. J. Hyman. 1,919,723; July 25.
- Oxygen and nitrogen in air, Apparatus for separating. N. C. Christensen. 1,929,349; Oct. 3.
- Oxygen, Apparatus for administering. T. A. Taylor. 1,932,757; Oct. 31.
- Oxygen apparatus, Liquid. E. G. Hickling. 1,939,592; Dec. 12.
- Oxygen content of liquid or gases, Determining and recording. C. Pettingill. 1,919,858; July 25.
- Oxygen controlling apparatus. P. N. Sutton. 1,926,069; Sept. 12.
- Oxygen evolving preparations, Manufacturing. W. Zisch. 1,924,145; Aug. 29.
- Oxygen in organic compounds, Incorporation of active. K. Vieweg. 1,914,311; June 13.
- Oxygen, System for producing and storing liquid. F. P. Kinson. 1,936,059; Nov. 21.
- Oyster culture. R. W. Robertson. 1,921,945; Aug. 8.
- Ozone applicator. M. E. Hanson. 1,924,120; Aug. 29.
- Ozonides, Apparatus for the production of gaseous. L. H. Rogers. 1,924,805; Aug. 29.
- Pace maker for the heart, Artificial. C. H. and A. S. Hyman. 1,913,595; June 13.
- Pacing rings, Manufacturing. F. A. Beyer, jr. 1,926,026; Sept. 12.
- Package. D. G. Cullen. 1,909,524; May 16.
- Package. M. Knopp. 1,922,208; Aug. 15.
- Package. H. J. Neumiller. 1,923,452; Aug. 22.
- Package. C. C. Platt. 1,913,950; June 13.
- Package. J. H. Reed. 1,900,389; Mar. 7.
- Package. S. Rosen. 1,929,217; Oct. 3.
- Package. S. Rosen. 1,933,516; Oct. 31.
- Package. M. A. Rossen. 1,895,233; Jan. 24.
- Package. T. W. Satterthwaite. 1,909,127; May 16.
- Package. W. F. Straub and E. W. Fuerst. Des. 89,222; Feb. 7.
- Package and forming same. D. M. Smith and C. C. Tapscott. 1,895,236; Jan. 24.
- Package and opener, Sheet-wrapped. J. H. Millholland. 1,929,599; Oct. 10.
- Package and sealing the same. W. M. Williams. 1,919,819; July 25.
- Package carrier. J. L. Baldwin. 1,901,279; Mar. 14.
- Package, Cigarette. B. W. Merchant. 1,906,172; Apr. 25.
- Package, Combination. G. G. Behrens. 1,937,939; Dec. 5.
- Package, Commodity. J. M. DeVoe. 1,897,692; Feb. 14.
- Package construction. L. J. Wehrle. 1,913,692; June 13.
- Package, Display. J. R. Dow. 1,903,096; Mar. 28.
- Package, Display. G. E. Gary. 1,920,193; Aug. 1.
- Package for blasting caps. J. Stuart. 2d. 1,903,302; Apr. 4.
- Package for can ends and producing same. J. A. McKee. 1,941,041; Dec. 26.
- Package for candy bars. J. H. Ware, jr. 1,893,811; Jan. 10.
- Package for china. V. Weidel. 1,908,940; May 16.
- Package for elastic webbing and the like, Sealed. A. S. Howard. 1,908,982; May 16.
- Package for fish lines and the like. K. B. Angell. 1,908,278; May 9.
- Package for frosted cakes. E. J. Derst. 1,927,435; Sept. 19.
- Package for interfolded sheet material. W. A. Gresenz. 1,935,905; Nov. 21.
- Package for perishables, Distributing. F. W. Ruzicka. 1,909,013; May 16.
- Package for razor blades. R. W. Cook. 1,935,311; Nov. 14.
- Package for rolled webs of flexible material, Tubular dispensing. J. C. Wilson. 1,896,119; Feb. 7.
- Package for safety razor blades. P. H. Unsinger. 1,936,076; Nov. 21.
- Package for sheet material. G. F. Coffin and D. Focht. 1,929,161; Oct. 3.
- Package for sliced bread. O. B. Andrews. 1,896,602; Feb. 7.
- Package for strip or like materials. J. R. Price. 1,923,456; Aug. 22.
- Package for tea bags. S. Cooper. 1,940,078; Dec. 19.
- Package for the shipment of sheet metal, Protected. A. H. Moon. 1,932,558; Oct. 31.
- Package forming method. S. Rosen. 1,900,953; Mar. 14.
- Package holder. C. E. Berg. 1,904,193; Apr. 18.
- Package holder. P. W. Davis and J. M. Booth. 1,899,795; Feb. 28.
- Package holder. J. R. Richer. 1,897,334; Feb. 14.
- Package holder for dyeing machines. H. V. Underwood. 1,922,408; Aug. 15.
- Package liner. J. W. Trew. 1,926,639; Sept. 12.
- Package making machine. N. Kraft. 1,916,515; July 4.
- Package of labels and making the same. L. C. Huttner. 1,927,266; Sept. 19.
- Package of razor blades. J. C. Sherman. 1,909,429; May 16.
- Package, Sealed. N. N. Holland. 1,909,406; May 16.
- Package sealing machine. T. W. Satterthwaite. 1,893,307; Jan. 3.
- Package sealing method and apparatus. W. P. White. 1,920,539; Aug. 1.
- Package, Special. P. Arzet. 1,907,172; May 2.
- Package, Special. C. C. Chase. 1,902,760; Mar. 21.
- Package strapping machine. W. E. Williams. 1,907,921; May 9.
- Package turning device. J. L. Ferguson. 1,912,696; June 6.
- Package vender. L. H. Morin. 1,910,809; May 23.
- Package winding machine. J. O. McKean. 1,930,106; Oct. 10.
- Package, Wrapped. E. R. Krueger. 1,915,676; June 27.
- Packages for cigarettes. W. E. Molins and J. W. Chalmers. 1,903,873; Apr. 18.
- Packaging. C. J. Staud and W. O. Kenyon. 1,925,509; Sept. 5.
- Packaging articles. M. C. Dodge. 1,892,722; Jan. 3.
- Packaging device for bread and like loaves. W. Freund. 1,927,364; Sept. 19.
- Packaging machine. W. S. Cleaves. 1,911,805; May 30.
- Packaging machine. A. C. Everett. 1,922,762; Aug. 15.
- Packaging machine. S. R. Howard. 1,898,538; Feb. 21.
- Packaging machine. S. R. Howard. 1,916,425; July 4.
- Packaging machine. G. W. Mudd. 1,935,409; Nov. 14.
- Packaging machine. J. Schaub. 1,895,899; Jan. 31.
- Packaging machine. G. A. Shaffer and F. H. Wirtz. 1,913,727; June 13.
- Packaging or crating structure. H. C. Way. 1,910,781-3; May 23.
- Packer. C. S. Crickmer. 1,909,663; May 16.
- Packer. W. T. Wells. 1,926,017; Sept. 5.
- Packer attaching means. F. Hux. 1,913,030; June 6.
- Packer for casing heads. L. F. Baash, E. Burns, and G. B. Garrard. 1,913,442; July 18.
- Packer for machines for closing containers. A. L. Kronquest. 1,914,262; June 13.
- Packer for oil wells. W. T. Wells. 1,925,016; Aug. 29.
- Packer, Formation. W. T. Wells. 1,925,015; Aug. 29.
- Packer, Fruit. R. P. Clark. 1,919,414; July 25.
- Packer, Rat-hole. W. T. Wells. 1,925,017; Aug. 29.
- Packer, Releasable. J. C. Dickens. 1,900,230; Mar. 7.
- Packer, Releasable oil well. J. H. Howard. 1,922,044; Aug. 15.
- Packer, Well. P. H. Mack. 1,919,853; July 25.
- Packing: See—
Valve packing.
- Packing. I. L. Dunn. 1,905,822; Apr. 25.
- Packing. C. C. Hall. 1,909,534; May 16.
- Packing. B. P. Hoffman. 1,897,804; Feb. 14.
- Packing. A. R. Klingloff. 1,902,247; Mar. 21.
- Packing. H. E. Muchnic. 1,928,361; Sept. 26.
- Packing. R. C. Newhouse. 1,901,766; Mar. 14.
- Packing. F. E. Payne, M. M. Cody, and E. G. Howland. 1,912,462; June 6.
- Packing. E. R. Roy. 1,914,296; June 13.
- Packing. E. Stiefel. 1,895,497; Jan. 31.
- Packing. D. F. Warner. 1,902,792; Mar. 21.
- Packing and display box. F. J. and P. P. Addis. 1,899,547; Feb. 28.
- Packing and display container. M. M. Einson. 1,919,880; July 25.
- Packing and display container. M. M. Einson and A. J. Tanner. 1,919,879; July 25.
- Packing and display container. A. J. Tanner. 1,917,741; July 11.
- Packing and making the same, Metallic. M. M. Cody. 1,919,463; July 25.
- Packing and making the same, Semimetallic. L. E. Giles. 1,910,914; May 23.

- Packing and shipping device. S. R. Koons. 1,922,590; Aug. 15.
- Packing, Antifriction. J. S. McNair. 1,917,769; July 11.
- Packing. Apparatus for renovating journal box. E. S. Pearce. 1,921,095; Aug. 8.
- Packing assembly. L. F. Baash, E. Burns, and G. B. Garrard. 1,905,122; Apr. 25.
- Packing box. O. B. Andrews. 1,911,339; May 30.
- Packing box with circulating cooling water. K. Morterud. 1,933,673; Nov. 7.
- Packing. Carton. C. B. Klefeker and J. P. Shearer. 1,910,924; May 23.
- Packing case. C. G. Coulbeaux. 1,924,709; Aug. 29.
- Packing case. C. D. Fallert. 1,927,545; Sept. 19.
- Packing case. V. Young and W. C. George. 1,914,550; June 20.
- Packing casing head. A. G. Heggem. 1,935,027; Nov. 14.
- Packing. Closure. T. Resch. 1,918,134; July 11.
- Packing container. M. P. Mosesian. 1,933,869; Nov. 7.
- Packing. Demountable. S. H. H. Parsons. 1,908,860; May 16.
- Packing device. R. J. Solomon. 1,934,566; Nov. 7.
- Packing device. J. R. Watkins. 1,918,157; July 11.
- Packing device for cylindrical bodies or liners. J. Konstantinoff. 1,940,056; Dec. 19.
- Packing for centrifugal pumps. C. A. Schellens. 1,936,771; Nov. 28.
- Packing for centrifugal pumps and valves. J. H. Kohler. 1,926,007; Sept. 5.
- Packing for dressings, Sterile. E. Blank. 1,898,236; Feb. 21.
- Packing for fragile articles. M. Koppelman. 1,919,028; July 18.
- Packing for gate valves and similar shutting off elements. W. Lüders. 1,929,645; Oct. 10.
- Packing for rods and shafts, Oil retaining. V. E. Nelson. 1,899,630; Feb. 28.
- Packing for rotating shafts. L. Schwitzer and C. J. Winkler. 1,914,759; June 20.
- Packing for water gauge glasses. F. A. Rumatz. 1,893,181; Jan. 3.
- Packing for windshield cleaners. H. Hueber and E. C. Horton. 1,896,792; Feb. 7.
- Packing frame for automobile trunks and suit cases. S. E. Cheney. 1,901,895; Mar. 21.
- Packing gland. H. E. La Bour. 1,902,960; Mar. 28.
- Packing gland. E. Schmierer. 1,900,523; Mar. 7.
- Packing gland. S. J. Slotsky. 1,929,905; Oct. 10.
- Packing gland, Auxiliary. C. A. Robbins. 1,893,961; Jan. 10.
- Packing, High pressure compressor. H. A. Sommers and G. J. McInnis. 1,927,507; Sept. 19.
- Packing lands, Restoring worn. R. G. Moody. 1,911,460; May 30.
- Packing liner. A. E. Rice. 1,895,431; Jan. 24.
- Packing machine. B. R. Stetson. 1,940,826; Dec. 26.
- Packing machine for pulverulent material. K. Middelboe. 1,903,188; Mar. 28.
- Packing machinery. J. W. Chalmers. 1,938,482; Dec. 5.
- Packing machinery. R. Clarkson. 1,903,959; Apr. 18.
- Packing, Machinery. C. R. Hubbard. 1,924,555; Aug. 29.
- Packing machinery. D. Jackson. 1,926,485; Sept. 12.
- Packing machinery. J. Mason. 1,935,478; Nov. 14.
- Packing machinery. W. E. Molins. 1,920,707; Aug. 1.
- Packing machinery. W. E. Molins and J. W. Chalmers. 1,924,045; Aug. 22.
- Packing, Machinery. J. N. Walton. 1,927,477; Sept. 19.
- Packing, Making rod. W. K. Queen. 1,893,597; Jan. 10.
- Packing material. B. Seliger. 1,910,641; May 23.
- Packing material, Manufacturing sheet. R. Roberts. 1,925,206; Sept. 5.
- Packing materials, Nonfogging photographic. S. E. Shepard. 1,921,950; Aug. 8.
- Packing means for fragile articles. F. H. Sherman. 1,906,639; May 2.
- Packing means for shafts. J. N. Walton. 1,905,772; Apr. 25.
- Packing means for the shafts of centrifugal pumps and other rotary machines, Metallic. J. Bodart. 1,905,618; Apr. 25.
- Packing mechanism for type setting machines. A. L. Schultz. 1,917,276; July 11.
- Packing, Metallic. A. J. Peterson. 1,912,793; June 6.
- Packing method and apparatus. W. P. White. 1,931,911; Oct. 24.
- Packing or shipping case. F. Albach. 1,907,693; May 9.
- Packing or shipping case. K. F. W. Kempf. 1,932,550; Oct. 31.
- Packing or wrapper, especially useful for shampooing and hair dyeing materials. E. Sievers. 1,932,326; Oct. 24.
- Packing pad. R. W. Burrows. 1,918,246; July 18.
- Packing. Piston. J. F. Foehr. 1,939,683; Dec. 19.
- Packing. Piston. H. F. Gray. 1,932,779; Oct. 31.
- Packing placement tool. A. M. Houghton. 1,936,981; Nov. 28.
- Packing ring. R. Grover. 1,911,755; May 30.
- Packing ring. V. E. Nelson. Des. 18,829; May 9.
- Packing ring and method of making. E. Caley. 1,914,632; June 20.
- Packing ring and packing. J. Mellor. 1,925,268; Sept. 5.
- Packing ring for shaft bearings. A. F. Phelps. 1,902,662; Mar. 21.
- Packing ring, Helical accordion. H. T. Wheeler. 1,932,809; Oct. 31.
- Packing ring, Mechanical. J. H. Kohler. 1,926,006; Sept. 5.
- Packing rings, Method and apparatus for making. W. Cords. 1,919,584; July 25.
- Packing segregated units. R. A. Waldron, V. F. Leto, and L. Lescarbours. 1,937,001; Nov. 28.
- Packing, Shaft. O. Junggren. 1,895,930; Jan. 31.
- Packing, Shaft. O. A. Wiberg. 1,908,804; May 16.
- Packing stand, Automatic. L. M. Cockrill and H. D. Couch. 1,894,851; Jan. 17.
- Packing strip. E. F. Lang. 1,931,458; Oct. 17.
- Packing strips, Apparatus for producing. G. Ruegenberg. 1,920,109; July 25.
- Packing structure. G. D. Becker and R. C. Newhouse. 1,901,722; Mar. 14.
- Packing structure. T. S. Dowst. 1,908,965; May 16.
- Packing structure for dry cells. P. F. Boeye. 1,938,214; Dec. 5.
- Packing structure for turbine pumps. G. E. Bigelow and A. R. Weis. 1,911,422; May 30.
- Packing unit. E. A. Murphy. 1,920,269; Aug. 1.
- Packings for ammunition and the like. B. A. E. Johnson. 1,894,873; Jan. 17.
- Packless valve. W. B. Clifford. 1,906,313; May 2.
- Pad: See—
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| Accordion pad. | Memorandum pad. |
| Adjustable truss pad. | Metallic wool pad. |
| Calendar pad. | Metatarsal pad. |
| Cushion heel pad. | Packing pad. |
| Cushioning pad. | Pedal pad. |
| Drawing pad. | Pedestal pad. |
| Facial pad. | Pressure pad. |
| Hair waving pad. | Resilient pad. |
| Hip pad. | Rupture pad. |
| Ink pad. | Scouring pad. |
| Inking pad. | Spring pad. |
| Ironing board pad. | Step pad. |
| Ironing pad. | Supporting pad. |
| Knee pad. | Table pad. |
| Lining pad. | Toe pad. |
| Liquid absorbing pad. | Truss pad. |
| Manufacturing sales pad. | Upholstery pad. |
- Pad. D. C. O'Shea. 1,915,753; June 27.
- Pad and control therefor, Electric heating. G. Steerup. 1,903,015; Mar. 28.
- Pad and making same, Shoulder. N. Zuck. 1,895,117; Jan. 24.
- Pad and manufacturing same, Ophthalmic. H. J. Langknecht. 1,924,070; Aug. 22.
- Pad for chair and seat backs. H. E. Smith. 1,937,920; Dec. 5.
- Pad for couches and the like. E. Wittcoff. 1,925,358; Sept. 5.
- Pad for eyeglasses, Nose-guard. A. R. Hilsinger. 1,930,556; Oct. 17.
- Pad for ironing machines, etc. R. N. West. 1,918,230; July 11.
- Pad for means for operating sewing machine feet, Detachable. C. C. Johnson. 1,926,872; Sept. 12.
- Pad for motor vehicle fender wells. C. L. Hall. 1,894,608; Jan. 17.
- Pad for shoe counters, Cushion. H. L. Handler. 1,900,107; Mar. 7.
- Pad for typewriters, Type. L. Denzer. 1,900,046; Mar. 7.
- Pad for unlined coats, Extension shoulder. M. Baar. 1,936,493; Nov. 21.
- Pad for use with horseshoes. B. P. Gray. 1,911,187; May 30.
- Pad for wrist watch boxes, Display. J. M. Shields. 1,909,020; May 16.
- Pad holder. J. B. Kemp. 1,916,730; July 4.
- Pad holder, Writing. V. A. Cardarelli. 1,892,721; Jan. 3.
- Pad or memorandum holder, Score. A. R. Hart. 1,899,440; Feb. 28.
- Pad or packing with fastening means. G. W. Gilmer. 1,900,280; Mar. 7.
- Pad or similar article, Heating. W. W. De Laney. Des. 89,612; Apr. 18.
- Pad or similar article, Hot dish. G. W. Funk. Des. 89,128; Jan. 31.
- Pad-stitching, or tacking machine. F. W. Brintnall and F. N. Ross. 1,915,012; June 20.
- Pad, Supporting. F. Drey. 1,918,022; July 11.
- Pad supporting and locating appliance. F. J. Stuart. 1,925,615; Sept. 5.
- Padding material. F. L. Bryant. 1,909,521; May 16.
- Pads for sock holders, Machine for making. J. Goldschmidt. 1,920,902; Aug. 1.
- Pads, Manufacture of resilient. C. Field and C. L. Campbell. 1,904,026; Apr. 18.
- Paddle, Oar or canoe. J. L. Swails. 1,894,499; Jan. 17.
- Paddle shoe, Swimming. G. Kowtna. 1,911,828; May 30.
- Padlock. S. R. Fraim. 1,895,655; Jan. 31.
- Padlock. J. Husarik. 1,930,809; Oct. 17.
- Padlock. F. W. Lülling. Des. 91,074; Nov. 21.
- Padlock. D. M. Rainey. 1,892,964; Jan. 3.
- Padlock. F. E. Reinhold. 1,902,665; Mar. 21.
- Padlock. H. E. Soref. 1,938,941; Dec. 12.
- Padlock. F. H. Steffen. 1,928,215; Sept. 26.
- Padlock. E. B. Stone. 1,920,116; July 25.
- Padlock. E. B. Stone. 1,921,435; Aug. 8.
- Padlock. K. Walz. 1,908,582; May 9.
- Padlock, Combination. A. Diaz. 1,920,250; Aug. 1.
- Padlock, Combination. F. Toscano. 1,920,489; Aug. 1.
- Padlock, Permutation. W. Trewella. 1,903,885; Apr. 18.

- Page-end indicating device. M. M. Price. 1,941,224; Dec. 26.
- Page-end indicator. M. M. Price. 1,941,223; Dec. 26.
- Page holder, Book. P. Kohler. 1,918,547; July 18.
- Pail, Sanitary milk. J. M. Westerberg. 1,894,332; Jan. 17.
- Pail, Sheet metal. C. H. Rollason. 1,912,542; June 6.
- Pail, Sheet metal. C. H. Rollason. 1,938,353; Dec. 5.
- Pail silencer. J. R. Foley. 1,922,127; Aug. 15.
- Pail support. W. J. Kamp. 1,927,315; Sept. 19.
- Paint. K. Ott and H. Bernard. 1,897,528; Feb. 14.
- Paint and varnish remover. L. E. Mills and S. W. Putnam. 1,938,714; Dec. 12.
- Paint and varnish remover. M. M. Wilson. 1,918,224; July 11.
- Paintbrush holder. C. Dietrichs. 1,938,376; Dec. 5.
- Paint displaying device. E. E. Steadman. 1,929,335; Oct. 3.
- Paint for indicating heat. F. Laske. 1,924,793; Aug. 29.
- Paint or the like to shingles and so forth, Machine for applying. H. E. Gosch. 1,918,534; July 18.
- Paint rejuvenating device. F. A. Schletz and O. L. Nelson. 1,908,561; May 9.
- Paint remover, Electric. F. M. Watson. 1,926,075; Sept. 12.
- Paint spray. W. A. De Hart. 1,929,882; Oct. 10.
- Paint spraying apparatus. A. F. Jenkins. 1,908,848; May 16.
- Paint tube, Automatically opening. G. Rolot. 1,919,133; July 18.
- Painter's stripping device. J. W. Ivey. 1,927,743; Sept. 19.
- Painting device. J. M. Christman. 1,934,405; Nov. 7.
- Painting instrument. J. M. Christman. 1,906,878; May 2.
- Painting instrument. A. L. Kline. 1,929,783; Oct. 10.
- Painting machine. J. F. Townsend. 1,926,465; Sept. 12.
- Painting materials, Preparation of. H. Friedrich and W. Droste. 1,927,117; Sept. 19.
- Pajamas, Drop seat. N. A. Gross. 1,902,634; Mar. 21.
- Pajamas. W. A. and R. J. Nosik, J. S. Krocka, and P. Moncher. 1,905,948; Apr. 25.
- Palette. C. D. Jarrett. 1,920,467; Aug. 1.
- Palladium, Electrodeposition of. A. R. Powell and E. C. Davies. 1,921,941; Aug. 8.
- Pallet feeding device. C. E. Walker. 1,900,625; Mar. 7.
- Palmetto and poduct produced thereby, Shredding. M. H. Patrick and K. B. Curtis. 1,903,553; Apr. 11.
- Pamphlet binder and constructing same. B. B. Wood. 1,913,969; June 13.
- Pamphlet binding back. H. G. Buchan. 1,893,727; Jan. 10.
- Pan: See—
- Bake pan.
- Pan and ball mill. T. W. Keet. 1,908,900; May 16.
- Pan assembling means, Oil. C. W. Bailey. 1,921,379; Aug. 8.
- Pan, Bake. H. A. Lockwood. 1,909,873; May 16.
- Pan, Baking. T. M. Hiester. 1,906,592; May 2.
- Pan, Baking. R. L. Manicke. 1,913,337; June 6.
- Pan, Cleaning. W. W. Hinson. 1,938,254; Dec. 5.
- Pan cover and frame. F. Schulze. 1,918,493; July 18.
- Pan, Doughnut. H. Kudo. 1,900,290; Mar. 7.
- Pan, Drip. C. P. Hulst. 1,918,912; July 18.
- Pan, Dust. T. N. Badger. Des. 91,098; Nov. 28.
- Pan for bread baking, Rotatable. C. A. Kastner. 1,899,335; Feb. 28.
- Pan for coiler gears, Oil. J. E. Gunter and J. Stewart. 1,910,103; May 23.
- Pan for locomotive, Ash. H. Glaenzler. 1,894,170; Jan. 10.
- Pan, Frying. G. W. Perks. 1,904,925; Apr. 18.
- Pan greasing machine. S. P. Larson. 1,917,767; July 11.
- Pan, Ice. F. G. Slagel. 1,900,741; Mar. 7.
- Pan, Ice cube. M. K. Buchanan and A. G. Horton. 1,912,065; May 30.
- Pan lifter, Ice cube. M. K. Buchanan. 1,893,535; Jan. 10.
- Pan, Multiple bake. E. H. Chandonia. 1,901,022; Mar. 14.
- Pan or the like, Fiber. J. W. Morrison. 1,907,407; May 2.
- Pan, Pie. W. Agey. 1,938,572; Dec. 12.
- Pan, Refrigerating. M. K. Buchanan and A. G. Horton. Re18,819; May 2.
- Pan, Refrigerator. W. Fourness. 1,909,577; May 16.
- Pan structure, Ice cube. E. P. Corbett. 1,908,323; May 9.
- Pan, Wire baking. W. H. Hungerford. 1,906,603; May 2.
- Panel. A. A. Jablin. Des. 90,949; Oct. 31.
- Panel and making the same, Reinforced vitreous. W. N. Thurn. 1,935,583; Nov. 14.
- Panel and sheet for building and other constructional purposes. A. H. J. Wright. 1,908,395; May 9.
- Panel board. R. R. Eckenrode and L. R. Bogardus. 1,918,525; July 18.
- Panel board and cabinet. F. B. Adam. 1,930,028; Oct. 10.
- Panel-board and panel-board construction. H. F. Starrett. 1,902,790; Mar. 21.
- Panel-board section. F. B. Adam. 1,905,121; Apr. 25.
- Panel box. A. E. Blackman. 1,937,681; Dec. 5.
- Panel, Composite laminated. G. K. Lewis. 1,921,164; Aug. 8.
- Panel, Distributing. O. S. Jennings. 1,936,791; Nov. 28.
- Panel for vehicles, Movable top. J. L. Dubos. 1,899,857; Feb. 28.
- Panel foundation making. B. C. Place. 1,899,823; Feb. 28.
- Panel, Finishing. J. O. Van Ausdol. 1,912,416; June 6.
- Panel front register and wind box. J. P. Leask and A. W. Anderson. 1,907,838; May 9.
- Panel having anchoring means and making the same, Vitreous. W. N. Thurn. 1,935,584; Nov. 14.
- Panel-joint construction, Composite. G. K. Lewis. 1,928,902; Oct. 3.
- Panel member, Heat insulating. R. T. Griffiths. 1,905,853; Apr. 25.
- Panel, Theater switch. B. F. Fuller. 1,901,640; Mar. 14.
- Panel unit sign. J. E. Long. 1,894,380; Jan. 17.
- Panel, Vehicle body trim. B. C. Place. 1,893,104; Jan. 3.
- Panel wall. A. H. Wilkins. 1,898,026; Feb. 21.
- Paneling structure. J. J. Ohlfs. 1,940,968; Dec. 26.
- Panoramagram, Parallax. H. E. Ives. 1,918,705; July 18.
- Panoramagrams from pseudoscopic parallax panoramagrams, Making stereoscopic parallax. H. E. Ives. 1,905,716; Apr. 25.
- Panties. M. C. Hennessy. 1,904,228; Apr. 18.
- Panties. D. Long. 1,929,363; Oct. 3.
- Panties, Training. J. H. LeConey. 1,937,899; Dec. 5.
- Pantographic scanning. W. Howey. 1,923,208; Aug. 22.
- Pants and diaper, Combined baby. M. A. Potwin. 1,931,357; Oct. 17.
- Paper. G. L. Bidwell. 1,914,798; June 20.
- Paper and like webs, Mechanism for feeding. H. D. Black. 1,923,609; Aug. 22.
- Paper and making same, Air-porous. F. Riebel, jr. Re18,797; Apr. 18.
- Paper and making same, Filled surface. D. B. Bradner. 1,913,329; June 6.
- Paper and making the same, Insect repellent. D. C. Kinell. 1,927,798; Sept. 19.
- Paper and making the same, Waxed. G. N. Lovatt. 1,900,294; Mar. 7.
- Paper and other fibrous sheet material hood cap. W. L. Wright. 1,933,466; Oct. 31.
- Paper and similar products, Making. M. R. Isaacs. 1,929,432; Oct. 10.
- Paper and textile machinery. J. J. Case. 1,925,949; Sept. 5.
- Paper and the like, Coloring. F. Dotzel. 1,925,526; Sept. 5.
- Paper and the like, Creping webs of. W. W. Rowe. 1,893,717; Jan. 10.
- Paper and the like, Producing abrasive. C. Münch. 1,918,418; July 18.
- Paper and the like, Production of impregnated. H. Hill. 1,899,688; Feb. 23.
- Paper, Apparatus and method for treating. J. W. Youngchild and J. Wipfli. 1,908,275; May 9.
- Paper, Apparatus and process for making. A. E. Cofrin. 1,917,098; July 4.
- Paper, Apparatus for coloring. H. Black, W. Holmes, and M. A. Hesse. 1,905,889; Apr. 25.
- Paper, Apparatus for coloring and decorating. J. D. MacLaurin. 1,919,798; July 25.
- Paper, Apparatus for developing sensitized. B. P. Smith. 1,904,551; Apr. 18.
- Paper, Apparatus for edge rolling of crepe. C. A. Friberg. 1,904,825; Apr. 18.
- Paper, Apparatus for uniting wax. S. Moore. 1,940,561; Dec. 19.
- Paper article and making it. W. G. Jopson. 1,929,924; Oct. 10.
- Paper bag. D. Altman. 1,910,313; May 23.
- Paper bag. C. G. Eaton. 1,914,113; June 13.
- Paper bag. R. W. Jaitte. 1,917,975; July 11.
- Paper bag. R. W. Jaitte. 1,920,700; Aug. 1.
- Paper bag. J. A. Rosmait. 1,920,322; Aug. 1.
- Paper bag. D. E. Woodward. 1,929,229; Oct. 3.
- Paper bag and closure therefor. J. A. Rosmait. 1,920,320-1; Aug. 1.
- Paper bag machine. H. H. Orr. 1,926,241; Sept. 12.
- Paper bag machine, Rotating. H. W. Beckman. 1,894,726; Jan. 17.
- Paper baling press. M. F. Berg. 1,925,365; Sept. 5.
- Paper board. C. L. Keller. 1,897,198; Feb. 14.
- Paper-board, Manufacture of. P. H. Rogers. 1,901,378; Mar. 14.
- Paper board, Process and apparatus for sulphurizing. W. R. Willauer. 1,924,142; Aug. 29.
- Paper bodies from aqueous fibrous pulp after the couching method, Device for manufacturing hollow. E. Ross-Smith. 1,929,653; Oct. 10.
- Paper box. C. C. Capshaw. 1,912,822; June 6.
- Paper box. M. B. Claff. 1,910,002; May 23.
- Paper box. L. L. Dodge. 1,923,053; Aug. 15.
- Paper box. R. A. Gross. 1,941,084; Dec. 26.
- Paper box. F. J. Peterson. 1,936,951; Nov. 28.
- Paper box, Convertible. E. C. Bogen. 1,905,992; Apr. 25.
- Paper box machine. E. G. Staude. 1,894,131; Jan. 10.
- Paper box machine. E. G. Staude. 1,921,269; Aug. 8.
- Paper by a paper making machine, Making and waxing of a sheet of. M. Oberdorfer. 1,915,865; June 27.
- Paper by one continuous operation, Making safety. F. S. Wood. 1,939,378; Dec. 12.
- Paper can machine. G. O. Frostad and J. E. Annen. 1,929,632; Oct. 10.
- Paper, Carbon. H. W. A. Dixon. 1,925,235; Sept. 5.
- Paper, cardboard, or like material, Apparatus for scoring. A. Prior. 1,935,522; Nov. 14.
- Paper clip. J. N. Nielsen. 1,914,816; June 20.
- Paper, Coated. F. W. Farrell. Re18,742; Feb. 21.
- Paper, Coating. D. B. Bradner. 1,933,963; Nov. 7.
- Paper, Coating. P. J. Massey. 1,921,368-9; Aug. 8.

- Paper coating method and apparatus. C. C. Colbert and G. E. Preston. 1,903,325; Apr. 4.
- Paper composition and making same. C. Ellis. 1,897,694; Feb. 14.
- Paper container. A. Bodor. 1,914,239; June 13.
- Paper container. E. Huff. 1,918,811; July 18.
- Paper container. R. Oliver. 1,903,632; Apr. 11.
- Paper container. R. Oliver. 1,919,569; July 25.
- Paper container. M. H. Sidebotham. 1,920,529; Aug. 1.
- Paper container, Knockdown. S. Bergstein. 1,926,365; Sept. 12.
- Paper, Corrugated ribbed. S. D. Wells. 1,929,008; Oct. 3.
- Paper cup. H. Carew. 1,940,045; Dec. 19.
- Paper cutter. F. Barney. 1,895,440; Jan. 31.
- Paper cutter. A. K. Taylor. 1,901,676; Mar. 14.
- Paper cutting and folding machines, Paper grasp for. W. A. Schwartz. 1,906,638; May 2.
- Paper cutting and trimming machine and clamping and shock-absorbing mechanism therefor. E. M. Brackett and D. Daneke. 1,899,923; Mar. 7.
- Paper cutting and trimming machine and safety mechanism therefor. E. M. Brackett and D. Daneke. 1,913,804; June 6.
- Paper cutting and trimming mechanism. W. L. Valiquette. 1,907,903; May 9.
- Paper cutting machine. K. Stegmann. 1,920,718; Aug. 1.
- Paper-cutting machine. R. S. Tyler. 1,937,175; Nov. 28.
- Paper cutting machine. J. T. Wright. 1,906,875; May 2.
- Paper cutting machines, Attachment for. W. M. Reichart. 1,932,675; Oct. 31.
- Paper, Deinking printed. E. R. Darling. 1,925,372; Sept. 5.
- Paper-delivering device. D. G. Bernard. 1,938,883; Dec. 12.
- Paper, Deodorization of. M. O. Schur. 1,905,757; Apr. 25.
- Paper dispensing device. F. C. Gluck. 1,905,562; Apr. 25.
- Paper dispensing package. F. G. Crane and E. J. Benton. 1,910,094; May 23.
- Paper, Document. T. J. Snyder. 1,910,568; May 23.
- Paper drier. E. W. Clem. 1,908,406; May 9.
- Paper drier. J. W. Vedder. 1,919,312; July 25.
- Paper drinking cup. J. E. Ericson. 1,940,406; Dec. 19.
- Paper drying apparatus of the festoon type. W. P. McCorkindale. 1,924,612; Aug. 29.
- Paper drying machine, Vacuum. B. A. Malkin. 1,915,432; June 27.
- Paper fabric. H. G. Hillard. Des. 90,075; June 6.
- Paper fastener. C. E. Anderson. 1,927,623; Sept. 19.
- Paper fastener. F. G. Houwen. 1,921,674; Aug. 8.
- Paper fastener. W. Lang. 1,914,513; June 20.
- Paper fastener. L. D. Manning. 1,914,699; June 20.
- Paper fastener. O. A. Ross. 1,908,644; May 9.
- Paper fastener. O. A. Ross. 1,933,762; Nov. 7.
- Paper fastener. P. O. Unger. 1,895,182; Jan. 24.
- Paper fastener. C. I. Wagner. 1,936,144; Nov. 21.
- Paper feed mechanism for tabulating or other printing machines. A. Thomas and F. G. S. English. 1,896,983; Feb. 7.
- Paper feeding. R. Klemm. 1,893,778; Jan. 10.
- Paper feeding device for printing presses. H. A. W. Wood. 1,924,585; Aug. 29.
- Paper-feeding equipment for accounting machines. R. L. Muller. Re19,001; Nov. 14.
- Paper-feeding machine. F. W. Barkley. 1,929,766; Oct. 10.
- Paper feeding mechanism. H. O. Fischer and F. B. Fuller. 1,927,585; Sept. 19.
- Paper feeding mechanism. L. H. Morse. 1,939,717; Dec. 19.
- Paper flower box. J. F. Nelson and L. Hodge. 1,904,072; Apr. 18.
- Paper folding, winding and cutting, and mechanism therefor. S. J. Campbell. 1,905,899; Apr. 25.
- Paper forming machine. S. Smith. 1,906,342; May 2.
- Paper, Fraud-preventing. T. Schlitz. 1,929,828; Oct. 10.
- Paper, Grease resistant. T. F. Bradley. 1,896,215; Feb. 7.
- Paper guiding and gauging means. F. H. Trego. 1,918,301; July 18.
- Paper guiding in cigarette rod machines. R. E. Rösler. 1,925,606; Sept. 5.
- Paper, Gummed. W. W. McLaurin. 1,940,363; Dec. 19.
- Paper-handling apparatus. H. A. Crisp. 1,934,913; Nov. 14.
- Paper handling device. W. S. Hamer. 1,908,345; May 9.
- Paper holder, Inner wrap. R. D. Shaw. 1,927,718; Sept. 19.
- Paper holder, Toilet. H. J. Dundas. 1,914,911; June 20.
- Paper, Improving the transparency of glassine. J. E. Kiefer. 1,925,448; Sept. 5.
- Paper into rolls, Mechanism for winding. P. N. McCarthy and P. Masson. 1,894,253; Jan. 10.
- Paper machine. H. B. Henson and E. R. Johnson. 1,923,670; Aug. 22.
- Paper machine and making paper. G. A. Engert and G. B. Gibson. 1,924,154; Aug. 29.
- Paper, Machine for applying reinforcing eyelets to. J. F. Foster. 1,918,961; July 18.
- Paper machinery. C. R. Crawford. 1,913,660; June 13.
- Paper making. C. E. Libby. 1,929,205; Oct. 3.
- Paper making. D. K. Pattillo. 1,907,440; May 9.
- Paper making. L. C. Perkins. 1,903,655; Apr. 11.
- Paper, Making. J. C. Sanburn. 1,938,543; Dec. 5.
- Paper making apparatus. W. H. Cape. 1,902,798; Mar. 21.
- Paper-making apparatus. P. A. Jackson. 1,912,341; May 30.
- Paper making apparatus. W. R. Kellett. 1,905,911; Apr. 25.
- Paper-making apparatus. B. E. Teale. 1,936,609; Nov. 28.
- Paper, Making articles of. B. F. Perkins. 1,900,257; Mar. 7.
- Paper making industry, Method of and machine for use in. W. E. Beach. 1,919,289; July 25.
- Paper making machine. A. Aldrich and E. E. Berry. 1,917,287; July 11.
- Paper-making machine. F. C. Bagley and F. P. Silver. 1,906,855; May 2.
- Paper making machine. W. H. Millspaugh. 1,930,104; Oct. 10.
- Paper-making machine. J. P. Pederson. 1,937,125; Nov. 28.
- Paper making machine. F. J. Timmerman. 1,926,319; Sept. 12.
- Paper making machine. P. Van Norden. 1,910,661; May 23.
- Paper-making machine and method. R. H. Kruse. 1,926,292; Sept. 12.
- Paper making machine, Combined light and heavy weight. M. Oberdorfer and J. E. Ryberg. 1,894,472; Jan. 17.
- Paper making machinery. J. K. Darby. 1,931,062; Oct. 17.
- Paper making machinery. H. L. Kutter. 1,913,678; June 13.
- Paper making machinery, Suction press roll for. J. F. Joseph. 1,895,039; Jan. 24.
- Paper-making process. D. K. Pattillo, G. E. Corson, and H. L. Thompson. 1,898,682; Feb. 21.
- Paper making process. E. C. Schacht. 1,904,087; Apr. 18.
- Paper making process and machine. E. Poirier. 1,893,678; Jan. 10.
- Paper, Manifolding. J. Q. Sherman. 1,897,013; Feb. 7.
- Paper manufacture. G. L. Bidwell. 1,914,799; June 20.
- Paper manufacture. B. Johnson. 1,903,236; Mar. 28.
- Paper manufacture. J. J. O'Connor and D. F. Morris. 1,935,482; Nov. 14.
- Paper manufacture. H. R. Rafton. 1,897,145; Feb. 14.
- Paper manufacture. H. R. Rafton. 1,898,098; Feb. 21.
- Paper manufacture. H. R. Rafton. 1,904,251; Apr. 18.
- Paper manufacture. H. R. Rafton. 1,914,526; June 20.
- Paper manufacture. H. R. Rafton. 1,920,942; Aug. 1.
- Paper manufacture. H. R. Rafton and A. M. Brooks. 1,914,527; June 20.
- Paper manufacture. J. H. Swan, 3d. 1,895,527; Jan. 31.
- Paper manufacture. J. Traquair. 1,914,184; June 13.
- Paper manufacture. J. Traquair. 1,936,697; Nov. 28.
- Paper, Manufacture of. H. R. Rafton. 1,922,325; Aug. 15.
- Paper, Manufacture of carbonate filled sized. H. R. Rafton. Re18,983; Oct. 31.
- Paper, Manufacture of creped. E. H. Angler. 1,928,045; Sept. 26.
- Paper-marking machine. H. R. Williams. 1,901,425; Mar. 14.
- Paper match holder. A. Ondricek. 1,913,142; June 6.
- Paper, Mechanism for water-marking. H. Brown. 1,933,006; Oct. 31.
- Paper, Method and apparatus for salvaging newsprint. H. B. Bergstrom, F. W. Bonifis, N. De George, and L. Tuckman. 1,926,425; Sept. 12.
- Paper, Method of and apparatus for making. E. E. Berry and T. C. Roberts. 1,898,611; Feb. 21.
- Paper, Mineral coated. D. B. Bradner. 1,936,286; Nov. 21.
- Paper, Mottling. N. F. Becker. 1,921,649; Aug. 8.
- Paper, Multi-ply. J. H. Spohn, jr. 1,915,626; June 27.
- Paper or other material while traveling in the same direction, Apparatus for separating sheets of. B. J. and B. F. Hall. 1,916,109; June 27.
- Paper or similar material, Embossed transparent. K. Coe. Des. 91,186; Dec. 19.
- Paper pack holder. H. L. Samson. 1,925,678; Sept. 5.
- Paper, Photographic. E. P. Essley. 1,922,670; Aug. 15.
- Paper, Photographic. P. C. Seel. 1,933,824; Nov. 7.
- Paper, Photographic printing. M. Heinrich. 1,917,032; July 4.
- Paper, Plane table. A. W. Keuffel. 1,927,000; Sept. 12.
- Paper, Preventing expansion and contraction of printing. J. L. Kelly, R. Brenner, and J. P. Hoffer. 1,937,703; Dec. 5.
- Paper, Process and apparatus for coating. T. E. Knapp, jr. 1,924,994; Aug. 29.
- Paper, Process and apparatus for making. R. C. Germanson and F. Kranhold. 1,918,095; July 11.
- Paper product and making same. W. C. Lodge. 1,903,787; Apr. 18.
- Paper product, Impregnated. F. H. McCormick and G. L. Schwartz. 1,913,283; June 6.
- Paper product sized with petroleum hydrocarbons and making the same. C. Ellis. 1,899,086; Feb. 28.
- Paper pulp extractor. L. V. Reese and G. W. Johnson. 1,931,508; Oct. 24.
- Paper pulp from old printed paper, Production of clean. R. Weber, B. Bremen, and F. Kinnebrock. 1,919,140; July 18.
- Paper pulp, Making. R. H. McKee. 1,932,904; Oct. 31.

- Paper pulp, Manufacture of. S. D. Wells. 1,934,957; Nov. 14.
- Paper pulp, Manufacturing. A. M. Thomsen. 1,902,106; Mar. 21.
- Paper receptacle. E. W. Labombarde. 1,917,132; July 4.
- Paper receptacle. J. D. Reifsnnyder. 1,933,931; Nov. 7.
- Paper receptacle. B. M. Williams. 1,914,547; June 20.
- Paper reed. L. F. Barnum. 1,912,121; May 30.
- Paper reeling machine. F. W. Vickery. 1,930,405; Oct. 10.
- Paper, Reinforced. G. E. Gibbs. 1,894,219; Jan. 10.
- Paper rewinder. E. E. Berry. 1,939,198; Dec. 12.
- Paper roll control. J. J. Halliwell. 1,893,891; Jan. 10.
- Paper roll. Expanding a flattened. R. A. Robinett. 1,922,716; Aug. 15.
- Paper roll support. G. A. Shaffer and F. H. Wirtz. 1,908,562; May 9.
- Paper roll supporter. J. Bellocchio. 1,929,160; Oct. 3.
- Paper roll, Waxed. E. M. Fischer. 1,909,527; May 16.
- Paper rolls, Producing slitted-web. W. H. Knipf. 1,926,340; Sept. 12.
- Paper, Rubber-repellent coated. H. W. Walker. 1,928,192; Sept. 26.
- Paper, Safety. R. L. Cote. Des. 91,187-8; Dec. 19.
- Paper, Safety. W. N. Doushness. 1,916,606; July 4.
- Paper, Safety. B. W. Smith. 1,906,824; May 2.
- Paper, Safety. B. W. Smith. 1,911,774; May 30.
- Paper, Safety. E. S. Wood. 1,900,967; Mar. 14.
- Paper, Sheet of. R. B. Buzzard. Des. 89,481; Mar. 21.
- Paper sheet or similar article. J. Vassos. Des. 89,807; May 2.
- Paper sheets, Apparatus for numbering. A. W. Harries. 1,940,669; Dec. 26.
- Paper sheets, Binding. W. C. Bohmert. 1,897,038; Feb. 14.
- Paper sheets, Device for holding and dispensing. H. Kurth. 1,937,024; Nov. 28.
- Paper sheets, Feeding. A. Haupt, H. Gumbel, and J. Giesecke. 1,898,535; Feb. 21.
- Paper sheets, Mechanism and method of feeding a plurality of. F. E. and W. C. Pfeiffer. 1,897,654; Feb. 14.
- Paper, Shelf. E. Karfiol. Des. 91,072; Nov. 21.
- Paper, Shelf. E. Karfiol. 1,895,040-1; Jan. 24.
- Paper shredding machine. L. J. Antonsen. 1,939,246; Dec. 12.
- Paper slitting apparatus. F. Schwartz. 1,939,925; Dec. 19.
- Paper, Stencil. K. W. Carr. 1,894,731; Jan. 17.
- Paper, Stencil. K. W. Carr. 1,916,203; July 4.
- Paper stock, Apparatus for reducing. H. J. Andrews. 1,903,526; Apr. 11.
- Paper stock into perfect rim plates and apparatus therefor, Forming low tensile. P. R. Simmons. 1,912,733; June 6.
- Paper stock onto the wire of a paper-making machine, Method and apparatus for bringing. R. T. Lang. 1,928,107; Sept. 26.
- Paper stuff hydrator. H. D. Wells. 1,897,157; Feb. 14.
- Paper supplies. M. C. Stern. 1,898,271; Feb. 21.
- Paper tacking machines. F. Rau. 1,939,571; Dec. 12.
- Paper to printing presses, Device for delivering. D. G. Bernard. 1,910,878; May 23.
- Paper to printing presses, Method of and apparatus for feeding. H. A. W. Wood. 1,900,535; Mar. 7.
- Paper towel dispenser. J. P. Hummel. 1,937,960; Dec. 5.
- Paper, Treating. E. P. Arpin, Jr. 1,913,017; June 6.
- Paper, Treatment of glassine. R. C. Charron and W. E. Swift. 1,938,133; Dec. 5.
- Paper uniting device for continuous rod cigarette machines. F. Di Ianni. 1,899,185; Feb. 28.
- Paper, Wall. J. H. Goff. 1,900,987; Mar. 14.
- Paper, Waterproofing. G. J. Manson. 1,894,566; Jan. 17.
- Paper weight or similar article. O. H. Beall and O. De Cardy. Des. 89,116; Jan. 31.
- Paper with different appearance on various spots, Manufacture of duplex or multiplex. R. M. Wendel. 1,903,711; Apr. 11.
- Papers, film foils, and the like, Apparatus for sorting transparent or translucent. C. Buchner. 1,900,633; Mar. 7.
- Papers, Manufacture of coated. F. W. Bailey, F. W. Crundall, and H. Spence. 1,920,340; Aug. 1.
- Papers, Manufacture of glassine. G. A. Richter. 1,921,540; Aug. 8.
- Papers without using relief molds, Production of genuine watermark. F. von Heinrich. 1,901,049; Mar. 14.
- Papier-mâché article. A. C. Fulton. 1,920,372; Aug. 1.
- Parachute. H. Ahoia. 1,909,445; May 16.
- Parachute. H. F. Albiin. 1,909,158; May 16.
- Parachute. W. J. Gleason. 1,903,213; Mar. 28.
- Parachute. S. H. Knight. 1,931,160; Oct. 17.
- Parachute. W. F. Herrick. 1,908,243; May 9.
- Parachute. H. Hojda. 1,903,563; Apr. 11.
- Parachute. J. F. Pendergast and E. Johnson. 1,906,091; Apr. 25.
- Parachute and parachute launching means. N. P. Softis. 1,934,382; Nov. 7.
- Parachute apparatus. L. J. Campbell, L. H. Ford, and H. G. Rogers. 1,899,668; Feb. 28.
- Parachute attachment for airships. I. J. Scallsi. 1,929,120; Oct. 3.
- Parachute device. S. O. C. Kuhlemann. 1,895,999-000; Jan. 31.
- Parachute, equipment. J. C. G. Salome and G. D. Lucas. 1,901,380; Mar. 14.
- Parachute harness. F. S. Wigley and L. F. Austing. 1,899,656; Feb. 28.
- Parachute mounting for aeroplanes. T. D. Crane. 1,900,891; Mar. 7.
- Parachute pack. E. H. Nichols. 1,899,713; Feb. 28.
- Parachute pack, Form-fitting. W. Bird and G. M. Ball. 1,899,661; Feb. 28.
- Parachute pack releaser, Automatic. M. W. Collet. 1,893,818; Jan. 10.
- Parachute projecting device for airplanes. A. Lakehurst. 1,900,899; Mar. 7.
- Parachute releasing means, Aeroplane. R. J. Miller. 1,938,853; Dec. 12.
- Parachute, Revolving. K. J. Girdwood. 1,901,957; Mar. 21.
- Parachute safety device. W. G. Rolkerr. 1,929,005; Oct. 3.
- Parachutes for aeroplanes. M. J. Nouslakis. 1,909,067; May 16.
- Para-cymene, Producing. I. W. Humphrey. 1,893,802; Jan. 10.
- Paraffin, Apparatus for treating. L. H. Macomber. 1,922,332; Aug. 15.
- Paraffin from nonsweated paraffin and the like substances, Process and apparatus for the manufacture of sweated. R. Meijer. 1,903,929; Apr. 18.
- Paraffin or olefin hydrocarbon into liquid aromatic hydrocarbons, Conversion of gaseous. A. S. Ramage. 1,900,997; Mar. 14.
- Paraffin wax and the product thereof, Oxidizing. B. Galls-worthy. 1,909,945; May 23.
- Paraffin wax or the like, Apparatus for sweating or treating. A. D. Armstrong and G. C. G. Dobbie. 1,898,930; Feb. 21.
- Paraffin wax, Purification of. H. Klein, H. Kaehler, and H. Zorn. 1,936,453; Nov. 21.
- Paraffin wax, Purification of crude. M. Mueller-Cunradi and R. Werner. 1,930,468; Oct. 17.
- Para-hydroxy-phenyl-glycine, Preparing. F. A. Gillice. 1,933,799; Nov. 7.
- Parallel connecting system, Automatic. R. Keller. 1,902,645; Mar. 21.
- Paranitraniline, Manufacture and purification of. A. B. Davis. 1,903,030; Mar. 28.
- Para-oxocamphor, Manufacturing. K. Tamura, G. Kihara, Y. Asahina, and M. Ishidate. 1,933,642; Nov. 7.
- Paraphenylenediamine dipicrate and preparing same. J. Piccard. 1,939,365; Dec. 12.
- Parer, Electrically operated potato. H. M. Grelst and G. L. Hinman. 1,939,847; Dec. 19.
- Paris green and making the same, Low-density. B. P. Webster. 1,928,771; Oct. 3.
- Parisons, Forming. A. J. Smith. 1,901,934; Mar. 21.
- Parking device. A. D. Mizzy and W. Favini. 1,940,724; Dec. 26.
- Parking device for automobiles. B. Walker. Re18,904; July 25.
- Parking light mirror holder, Combination. E. Johnson. 1,938,105; Dec. 5.
- Parking meter. E. L. Nichols. 1,924,564; Aug. 29.
- Parlor illumination and portable amusement device. E. Ufert. 1,910,941; May 23.
- Parquet flooring. A. B. Birtles. 1,922,468; Aug. 15.
- Parting strip support. R. R. Robertson. 1,936,859; Nov. 28.
- Partition and wall. M. K. McCosh. 1,919,568; July 25.
- Partition construction. C. T. Hansen. 1,922,694; Aug. 15.
- Partition, Folding. J. T. Fairhurst. 1,934,299; Nov. 7.
- Partition, Folding. H. D. Oberdorfer and R. True. 1,893,147; Jan. 3.
- Partition for burglarproof chest, Inner. C. F. Sioberg. 1,928,441; Sept. 26.
- Partition for cow stalls. H. B. Babson. 1,910,666; May 23.
- Partition for gang switch boxes, Removable. M. L. Haas. 1,929,844; Oct. 10.
- Partition, Metal. A. Freeman. 1,919,716; July 25.
- Partition, Office. W. B. Weber. Des. 89,579; Apr. 4.
- Partition slab. M. J. Cohan. 1,939,624; Dec. 12.
- Partition tile construction. P. K. Dotson. 1,930,951; Oct. 17.
- Partition wall and constructing the same. K. S. Frazier. 1,924,986; Aug. 29.
- Partition wall construction. E. Flagg. 1,933,476; Oct. 31.
- Partitions, Construction and erection of fireproof. J. P. Kiesecker. 1,934,194; Nov. 7.
- Parts having telescopic engagement, Means for holding together. C. L. Wingard. 1,903,353; Apr. 4.
- Paspertouting machine for lamp shades, baskets, and the like. O. G. Taylor and G. T. McDonald. 1,921,013; Aug. 8.
- Pass case. W. R. Buxton. 1,895,782; Jan. 31.
- Paste. O. H. Bahr. 1,936,152; Nov. 21.
- Pasteboard box. G. D'Annunzio. 1,904,125; Apr. 18.
- Paste dispenser. B. P. Hanna. 1,937,567; Dec. 5.
- Paste dispensing apparatus. W. D. Bell. 1,906,360; May 2.
- Paste dispensing device. H. H. Thompson. 1,939,582; Dec. 12.
- Paste, Resist. A. Schneevogt and H. Krzikalla. 1,921,947; Aug. 8.
- Paste tube, Self-sealing. W. Petersen. 1,897,276; Feb. 14.
- Paste tube with measuring device and captive cap. H. A. Schell. 1,919,044; July 18.

- Pasters between the webs of successive rolls of paper supplying a printing press. Method and apparatus for making. L. M. Strand. 1,895,425; Jan. 24.
- Pasting mechanism for chemical driers. A. O. Hurxthal. 1,897,904; Feb. 14.
- Pasteurization. F. C. Reeder. 1,925,002; Aug. 29.
- Pasteurizer. T. Mojonnier. 1,929,706; Oct. 10.
- Pasteurizer. B. Trudel. 1,941,329; Dec. 26.
- Pasteurizer. R. J. Wightman and H. Feldmeier. 1,915,810; June 27.
- Pasteurizer for milk, Portable. A. Lespérance. 1,909,872; May 16.
- Pasteurizing apparatus. F. W. Kelly and A. H. Luedicke. 1,892,955; Jan. 3.
- Pasteurizing apparatus. C. E. Mitchum. 1,925,877; Sept. 5.
- Pasteurizing apparatus, Milk. B. L. Blochowiak. 1,918,081; July 11.
- Pastry confection. G. H. Crawford. Des. 89,611; Apr. 18.
- Pastry crust. T. J. Matassa. Des. 89,260; Feb. 14.
- Pastry cup. U. A. Kreidler. Des. 89,708; Apr. 25.
- Pastry mixer. S. E. Baker. 1,895,833; Jan. 31.
- Patch, Blow-out. C. A. Domzalski. 1,897,927; Feb. 14.
- Patch, Tire. W. H. Hodgson. 1,919,368; July 25.
- Patches, Method of and apparatus for forming. W. P. Peterson. 1,941,019; Dec. 26.
- Patches to tubes or hoses, Apparatus for securing repair. M. Reiterer. 1,928,542; Sept. 26.
- Pattern control mechanism. G. C. Means. 1,904,006; Apr. 18.
- Pattern control mechanism for knitting machines. H. N. Sheppard. 1,907,409; May 2.
- Pattern device for hand looms. H. Fiderer. 1,935,240; Nov. 14.
- Pattern effects upon textile fabrics or other materials, Production of. G. H. Ellis. 1,922,727; Aug. 15.
- Pattern effects upon textile fabrics or other materials, Production of. G. H. Ellis and W. B. Miller. 1,922,728; Aug. 15.
- Pattern for sheaves or pulleys. E. H. Frick and C. N. Eckel. 1,893,583; Jan. 10.
- Pattern mechanism for circular rib knitting machines. N. Levin. 1,911,698; May 30.
- Pattern reproducing machine. T. A. Kestell and S. Burton. 1,933,672; Nov. 7.
- Pattern, Wooden casting. E. W. Tillotson, jr. 1,927,076; Sept. 19.
- Patterns, Casting. L. S. Tanner. 1,936,648; Nov. 28.
- Patterns for rail welding molds. B. Ronay. 1,895,232; Jan. 24.
- Pavement. A. H. Irving and O. H. Robertson. 1,929,279; Oct. 3.
- Pavement. W. J. Turner. 1,935,823; Nov. 21.
- Pavement and making the same. W. E. Swanson. 1,938,644; Dec. 12.
- Pavement and paving unit. W. Johnson. 1,916,620; July 4.
- Pavement, Bituminous. A. S. Hirzel. 1,940,417; Dec. 19.
- Pavement marker. P. P. Horni. 1,918,336; July 18.
- Pavement marking device. A. C. Fischer. 1,926,895; Sept. 12.
- Pavements, Construction of concrete. W. S. Edge. 1,916,563; July 4.
- Pavements, Manufacture of. C. A. Mullen. 1,929,388; Oct. 3.
- Pavements, Treating sunken. J. W. Poulter. 1,929,215; Oct. 3.
- Paving. A. C. Fischer. 1,941,435; Dec. 26.
- Paving block and method of paving. E. W. Burgess. 1,912,429; June 6.
- Paving composition. G. H. Alvey. 1,920,303; Sept. 26.
- Paving composition and making same. D. B. Andrews and H. B. H. Hurd. 1,934,689; Nov. 14.
- Paving construction. L. S. Adams. 1,934,782; Nov. 14.
- Paving material, Manufacture of bituminous. R. P. Fletcher, Jr. 1,940,645; Dec. 19.
- Paving material, Preparing. G. H. Alvey. 1,906,301; May 2.
- Pavior, Mechanical. K. Winkler. 1,898,158; Feb. 21.
- Pawl, Gravity spring locking. A. E. Rice. 1,897,622; Feb. 14.
- Pawl, Safety. H. H. Barber. 1,917,215; July 11.
- Pay station apparatus. G. Biniek. 1,902,210; Mar. 21.
- Paying settlements, Correcting. J. W. Poulter. 1,915,032; June 20.
- Pea threshing machine. F. P. Ryder. 1,903,658; Apr. 11.
- Peas and beans, Treating. J. H. Stansbury. 1,937,851; Dec. 5.
- Peas, Standardizing. W. R. Eddington. 1,914,686; June 20.
- Peach. W. F. Yerkes. Pl. Pt. 84; Nov. 28.
- Peach pitting machine. G. Wilcox. 1,921,276; Aug. 8.
- Peanut butter. L. C. Brown. 1,926,369; Sept. 12.
- Peanut butter and making the same. R. Werner. 1,921,275; Aug. 8.
- Pearl, Imitation. A. E. Petersen. 1,899,053; Feb. 28.
- Pears and other relatively soft fruit, Skinning. G. Mayhew. 1,895,102; Jan. 24.
- Pectose resin and making same. A. Hawerlander. 1,941,351; Dec. 26.
- Pectous composition, Making a. A. Hawerlander. 1,941,352; Dec. 26.
- Pedal. L. Biederman and E. Betterly. 1,926,966; Sept. 12.
- Pedal. R. C. Sanders and C. L. Humphrey. 1,896,975; Feb. 7.
- Pedal, Accelerator. R. C. Sanders. 1,902,667; Mar. 21.
- Pedal, Accelerator. F. C. Sweeney. 1,918,218; July 11.
- Pedal attachment, Foot. H. Lambert. 1,918,918; July 18.
- Pedal attachment for automobiles. R. H. White. 1,912,813; June 6.
- Pedal, Control. J. C. McCune. 1,898,557; Feb. 21.
- Pedal control attachment for motor vehicles. L. S. Gundersman. 1,909,859; May 16.
- Pedal, Foot. F. W. Trabold. 1,919,968; July 25.
- Pedal pad. F. C. Grant. 1,895,986; Jan. 31.
- Pedal pad. H. Lambert. 1,918,919; July 18.
- Pedal, Swimming. E. J. Roberts. 1,896,373; Feb. 7.
- Pedestal. M. C. Barclay. Des. 89,331; Feb. 28.
- Pedestal, Article display. D. L. Sanzenbacher. Des. 90,262; July 4.
- Pedestal, Casket. J. C. Marsellus. 1,930,721; Oct. 17.
- Pedestal for articles of furniture, such as mounted chairs, tables and the like. A. Stoll. 1,937,254; Nov. 28.
- Pedestal for tables and the like. J. W. Beiger. 1,919,193; July 25.
- Pedestal for traffic signals or the like. G. A. Nute. 1,903,683; Apr. 11.
- Pedestal pad. H. A. Foothorap. 1,909,671; May 16.
- Pedestal table. M. Thum. 1,899,835; Feb. 28.
- Peel, Baker's. C. Penhaligon. 1,932,474; Oct. 31.
- Peel, Baker's. H. L. Schroeder. 1,906,281-2; May 2.
- Peel, Baker's. H. L. Schroeder. 1,935,955; Nov. 21.
- Peeler, Fruit. J. T. Tucker. 1,905,578; Apr. 25.
- Peeler, Vegetable. G. J. Janosko. 1,940,131; Dec. 19.
- Peeler, Vegetable. W. E. Urschel. 1,926,705; Sept. 12.
- Peeling machine. G. P. Antstiss. 1,923,806; Aug. 22.
- Peep hole frame, Door. M. Wolfman. Des. 89,325; Feb. 21.
- Peg for holding tents or hangars or for anchoring aircraft and the like. A. Morterra. 1,940,430; Dec. 19.
- Pelt stretcher. S. J. Falley. 1,922,671; Aug. 15.
- Pen. W. W. Smout. 1,924,420; Aug. 29.
- Pen. J. V. Wuestman. 1,931,279; Oct. 17.
- Pen and desk stand holder therefor. Combined fountain. A. S. Van Hise. Des. 89,730-1; Apr. 25.
- Pen and pen treatment. W. H. Pearce. 1,894,632; Jan. 17.
- Pen and pencil clip. J. Merzon. 1,928,863; Oct. 3.
- Pen and pencil. Combination fountain. S. M. Sager. 1,901,414; Mar. 14.
- Pen and the like, Fountain. M. G. Sypher. 1,917,185; July 4.
- Pen, Animal. R. Robertson. 1,897,441; Feb. 14.
- Pen arm, Recording instrument. R. Beck. 1,906,514; May 2.
- Pen cap and ink guard, Fountain. S. M. Sager. 1,904,014; Apr. 18.
- Pen, Capillary. G. S. Binkley. 1,917,572; July 11.
- Pen clip, Fountain. H. Esterow. 1,904,212; Apr. 18.
- Pen construction, Fountain. W. R. Cuthbert. 1,908,123; May 9.
- Pen desk set. H. Krause. 1,923,734; Aug. 22.
- Pen desk set, Fountain. A. Bienenstein. 1,893,534; Jan. 10.
- Pen, Drafting. H. Frank. 1,903,965; Apr. 18.
- Pen filling means, Fountain. C. P. Parker. 1,910,495; May 23.
- Pen, Fountain. L. H. Ashmore. 1,896,152; Feb. 7.
- Pen, Fountain. L. H. Ashmore. 1,918,239; July 18.
- Pen, Fountain. L. H. Ashmore. 1,939,649; Dec. 19.
- Pen, Fountain. F. S. Bromer. 1,938,314; Dec. 5.
- Pen, Fountain. R. S. Carter. 1,893,579; Jan. 10.
- Pen, Fountain. M. Chelazzi and D. Frulli. 1,893,130; Jan. 3.
- Pen, Fountain. A. O. Dahlberg. 1,904,358; Apr. 18.
- Pen, Fountain. W. J. Foley. 1,902,633; Mar. 21.
- Pen, Fountain. B. A. Godek. 1,931,842; Oct. 24.
- Pen, Fountain. J. Holtzman. 1,895,850; Jan. 31.
- Pen, Fountain. E. Hugetz. 1,918,844; July 18.
- Pen, Fountain. A. J. Iorio. 1,901,971; Mar. 21.
- Pen, Fountain. A. Jahn. 1,904,660; Apr. 18.
- Pen, Fountain. T. Kovács. 1,918,404; July 18.
- Pen, Fountain. M. J. Kwartz. 1,898,780; Feb. 21.
- Pen, Fountain. R. P. Markstein. 1,923,633; Aug. 22.
- Pen, Fountain. F. C. McGaughy. 1,898,844; Feb. 21.
- Pen, Fountain. G. Miller. Des. 90,895; Oct. 17.
- Pen, Fountain. R. C. Parker. Des. 89,449; Mar. 14.
- Pen, Fountain. H. H. Polk, jr. 1,926,405; Sept. 12.
- Pen, Fountain. A. Schlosser. 1,910,907; May 23.
- Pen, Fountain. J. L. Schnell. 1,895,736; Jan. 31.
- Pen, Fountain. M. L. Sherin. 1,909,130; May 16.
- Pen, Fountain. I. D. Tefft. Des. 89,815; May 9.
- Pen, Fountain. J. Vessey. 1,935,000; Nov. 14.
- Pen, Fountain. G. S. Vivian. 1,922,831; Aug. 15.
- Pen, Fountain. J. Wallace. 1,909,194; May 16.
- Pen, Fountain. E. S. Wood. 1,939,758; Dec. 19.
- Pen, Fountain. B. F. Wupper. 1,917,568; July 11.
- Pen holder, Fountain. R. P. Markstein. 1,923,634; Aug. 22.
- Pen, Multicolor fountain. M. Grzyb. 1,938,835; Dec. 12.
- Pen operating mechanism for ruling machines. A. Broadmeyer. 1,895,537; Jan. 31.
- Pen, pen-point, and making same. W. A. S. Hecking. 1,909,616; May 16.
- Pen, Plunger type. G. L. Bassett. 1,903,022; Mar. 28.

- Pen, Plunger type. A. Bienenstein. 1,902,809-11; Mar. 28.
- Pen point. S. V. Pawlansky. 1,934,274; Nov. 7.
- Pen point. S. M. Sager. 1,909,900; May 16.
- Pen points, Nib for gold. K. K. Ledig. 1,906,689; May 2.
- Pen, Recording instrument fountain. W. H. Pearce. 1,895,727; Jan. 31.
- Pen, Reservoir fountain. G. S. Vivian. 1,908,384; May 9.
- Pen, Self-filling fountain. G. S. Vivian. 1,908,802; May 16.
- Pen, Soluble ink fountain. R. B. Kingman. 1,912,774; June 6.
- Pen stand. E. Kanter. Des. 91,204; Dec. 19.
- Pen support, Fountain. L. Griffith. 1,922,891; Aug. 15.
- Pen, Twisting filler fountain. A. Bienenstein. 1,937,107; Nov. 28.
- Pen, Writing. G. J. Sengbusch. 1,915,337-8; June 27.
- Pen, Writing, drawing, or ruling. T. Kovacs. 1,902,782; Mar. 21.
- Pens, Point and feed sections of fountain. J. Wallace. 1,907,626; May 9.
- Pencil. O. B. Anderson. Des. 89,846; May 9.
- Pencil. F. C. Dell and W. D. Groseclose. 1,913,662; June 13.
- Pencil. F. C. Dell and F. D. Woods. 1,913,661; June 13.
- Pencil. J. D. Hale. Des. 89,339; Feb. 28.
- Pencil. H. S. Hasselquist. 1,906,851; May 2.
- Pencil. C. R. Keeran. 1,895,130; Jan. 24.
- Pencil. J. P. Lynn. 1,897,315; Feb. 14.
- Pencil. C. R. Sheaffer and W. R. Cuthbert. 1,900,669; Mar. 7.
- Pencil. C. E. Wehn. 1,912,674; June 6.
- Pencil. H. A. White. 1,913,528; June 13.
- Pencil and finishing same. W. Daneke. 1,920,005; July 25.
- Pencil and finishing same. W. Daneke. 1,920,361; Aug. 1.
- Pencil and letter opener, Combination magazine. A. Kinzinger. Des. 90,890; Oct. 17.
- Pencil and lighter, Combined. A. G. Stevenson. 1,903,203; Mar. 28.
- Pencil case. A. A. Lobel and M. Loft. 1,940,094; Dec. 19.
- Pencil display rack. F. H. McGehee. 1,904,067; Apr. 18.
- Pencil eraser holder. H. H. Morrell. 1,914,753; June 20.
- Pencil ferrule. A. L. Davis. 1,920,680; Aug. 1.
- Pencil holder. E. Hogg. 1,906,267; May 2.
- Pencil holder. R. J. Snedden. 1,936,218; Nov. 21.
- Pencil holder, Adjustable. W. A. Staff. 1,931,138; Oct. 17.
- Pencil, Lead. C. F. Norlin. 1,937,779; Dec. 5.
- Pencil, Magazine. W. and V. Kohler. 1,918,916; July 18.
- Pencil, Magazine. L. E. McLénder. 1,939,566; Dec. 12.
- Pencil, Magazine. J. Rosenthal. 1,898,598; Feb. 21.
- Pencil, Magazine lead. A. Woelm. 1,928,042; Sept. 26.
- Pencil, Mechanical. F. C. Dell. 1,929,969; Oct. 10.
- Pencil, Mechanical. F. C. Dell, W. D. Groseclose, and W. F. Poth. 1,923,300; Aug. 22.
- Pencil, Mechanical. C. R. Keeran. 1,932,371; Oct. 24.
- Pencil, Mechanical. J. Kokscharoff. 1,913,762; June 13.
- Pencil, Mechanical. H. H. Lang. 1,923,153; Aug. 22.
- Pencil, Mechanical. L. A. Lanoie. 1,910,552; May 23.
- Pencil, Mechanical. W. J. Lindemon. 1,905,920; Apr. 25.
- Pencil, Mechanical. G. C. Morriss. 1,917,144; July 4.
- Pencil, Mechanical. I. D. Tefft. Des. 89,816; May 9.
- Pencil, Mechanical. I. D. Tefft and K. S. Parker. 1,920,770; Aug. 1.
- Pencil, Mechanical. J. C. Wahl. 1,908,386; May 9.
- Pencil or sharp pencil, Double-color mechanical. T. Yamashita. 1,903,800; Apr. 18.
- Pencil pointer. C. A. Smith. 2d. 1,896,253; Feb. 7.
- Pencil, Self-feeding. H. I. Richards. 1,924,256; Aug. 29.
- Pencil, Self feeding solder. R. V. Williams. 1,929,666; Oct. 10.
- Pencil sheath composition. J. E. Thomsen. 1,937,103; Nov. 28.
- Pencils and the like, Apparatus for molding. C. E. Daniel. 1,922,527; Aug. 15.
- Pencils, Making. J. E. Thomsen. 1,937,104; Nov. 28.
- Pendulum, dial, and casing for a clock, Combined. P. Lux. Des. 90,919; Oct. 24.
- Pendulum, Electrically driven. H. C. Hayes. 1,910,434; May 23.
- Pendulum, Gyroscopically stabilized. E. Stöhr. 1,903,710; Apr. 11.
- Pendulum solenoid motor. W. G. Wagenhals. 1,931,778; Oct. 24.
- Pendulum suspension for rear-driving wheels of motor vehicles. A. Gerardi. 1,940,795; Dec. 26.
- Pendulums, Keeping up the oscillations of. C. Battagay. 1,933,087; Oct. 31.
- Pentaerythritol tetranitrate, Purification of. T. R. Paterson. 1,933,754; Nov. 7.
- Perambulator. J. J. Powers. 1,911,924; May 30.
- Percentage of potassium in chambers containing potassium, Device for determining the. W. Kolhörster. 1,933,063; Oct. 31.
- Percentages of light and black constituents of finely grained mixtures, Rapid determination of the. M. Witte. 1,894,808; Jan. 17.
- Perch for bird cages, Resilient. T. J. Klein. 1,899,508; Feb. 28.
- Perch holder. D. I. Graham. 1,912,704; June 6.
- Percolator. J. F. Lamb. 1,905,111; Apr. 25.
- Percolator. L. R. Mockbee. 1,895,857; Jan. 31.
- Percolator. J. E. Smith. 1,940,775; Dec. 26.
- Percolator, Coffee. A. O. Samuels. Des. 90,819; Oct. 3.
- Percolator coffeepot. I. Grometstein. 1,921,748; Aug. 8.
- Percolator pump. L. V. Lucia. 1,916,228; July 4.
- Percussion press. W. Ferris. 1,913,663; June 13.
- Percussion tool. L. Rasch. 1,920,765; Aug. 1.
- Percussive apparatus. C. O. Knuuti. 1,910,954; May 23.
- Perforating and printing mechanism, Combined. S. W. Rothermel. 1,936,956; Nov. 28.
- Perforating device. T. Munro. 1,897,437; Feb. 14.
- Perforating device for printing presses. K. Funcke. 1,893,053; Jan. 3.
- Perforating die. C. E. Hardenbrook, jr. 1,920,258; Aug. 1.
- Perforating machine. F. J. Chandler. 1,931,979; Oct. 24.
- Perforating machine. E. A. Ford. 1,902,064; Mar. 21.
- Perforating machine. P. Junl. 1,931,133; Oct. 17.
- Perforating machine. H. G. Kelly. 1,922,248; Aug. 15.
- Perforating machine. P. Mansel. 1,936,201; Nov. 21.
- Perforating machine. A. W. Mills. 1,914,275; June 13.
- Perforating machine. L. C. Reynolds. 1,914,293; June 13.
- Perforating machine. R. G. Thompson and C. W. Crumrine. 1,940,156; Dec. 19.
- Perforator, Hydraulic casing. R. Moss and H. U. Baker. 1,910,851; May 23.
- Perfume. W. O. Snelling. 1,912,799; June 6.
- Perfume dispenser. J. B. Schmitt and P. B. Brown. 1,914,791; June 20.
- Perfume or cosmetic, Procedure in the production of a. H. Eisner and H. Vollmer. 1,904,211; Apr. 18.
- Perfume vending machine. S. Schiano. 1,916,992; July 4.
- Perimeter delineator. N. S. Bortner. 1,893,793; Jan. 10.
- Periodic switch. A. C. Wright. 1,920,229; Aug. 1.
- Periscope attachment for cash registers. A. D. Maury and J. A. Fitz Gerald. 1,920,473; Aug. 1.
- Periscope, Inspection. E. H. Baer. 1,907,314; May 2.
- Perishable products, Packing. E. Milani. 1,910,806; May 23.
- Permanent mold, Nonmetallic. H. P. Kimber. 1,935,362; Nov. 14.
- Permanent wave apparatus. G. W. Peterson. 1,895,815; Jan. 31.
- Permanent wave device. S. and A. Cefalu. 1,896,940; Feb. 7.
- Permanent wave heater. S. Sommer. 1,920,531; Aug. 1.
- Permanent waves with observation windows, Device for making. G. Ströher. 1,929,042; Oct. 3.
- Permanent waving. V. J. Gentile. 1,925,529; Sept. 5.
- Permanent waving apparatus. J. Carnell. 1,923,527; Aug. 22.
- Permanent waving apparatus. H. N. Durham and G. B. Finnegan, jr. 1,926,987; Sept. 12.
- Permanent-waving rod. T. Mulleauge. 1,909,305; May 16.
- Peroxide from tetrahydronaphthalene, Crystallized. M. Hartmann and M. Seiberth. 1,924,786; Aug. 29.
- Peroxides, Preparation of organic. J. Straub. 1,913,775; June 13.
- Perylene tetracarboxylic acid anhydride, Manufacturing. A. Pongratz. 1,917,153; July 4.
- Pessary. F. Bley. 1,917,870; July 11.
- Pessary. G. A. Clark. 1,896,071; Feb. 7.
- Pessary. W. Leonhardt. 1,915,794; June 27.
- Pessary construction. W. M. Findley. 1,926,518; Sept. 12.
- Petroleum and gas control apparatus. M. J. Trumble and W. L. Seeley. 1,912,670; June 6.
- Petroleum and hydrocarbon compounds, Purification of. T. W. Culmer. 1,899,314; Feb. 28.
- Petroleum and other hydrocarbons, Apparatus for treating. C. P. Dubbs. 1,901,950; Mar. 21.
- Petroleum bottoms, Dividing. G. B. Coubrough. 1,905,156; Apr. 25.
- Petroleum, Dewaxing. R. E. Stanton. 1,940,654; Dec. 19.
- Petroleum distillates, Cracked. R. E. Burk. 1,906,044; Apr. 25.
- Petroleum distillates, Desulphurizing. J. Perl and R. Schuhmann. 1,935,725; Nov. 21.
- Petroleum distillates, Method and apparatus for continuously treating. J. B. Weaver. 1,929,861; Oct. 10.
- Petroleum distillates, Removing injurious ingredients from. W. A. Smith. 1,938,117; Dec. 5.
- Petroleum distillates, Stabilizing. J. W. Orelap. 1,909,069; May 16.
- Petroleum distillates, Sweetening. M. C. Taylor. 1,908,273; May 9.
- Petroleum distillates, Treating cracked. E. Retalliau. 1,936,210; Nov. 21.
- Petroleum distillates, Treatment of. L. A. Mekler. 1,897,617; Feb. 14.
- Petroleum emulsions, Breaking. M. De Groote. 1,938,323; Dec. 5.
- Petroleum emulsions, Breaking. M. De Groote. 1,940,395-6; Dec. 19.
- Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 1,908,130; May 9.
- Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and A. F. Wirtel. 1,926,715; Sept. 12.
- Petroleum emulsions, Breaking. M. De Groote and L. T. Monson. 1,938,322; Dec. 5.
- Petroleum emulsions, Breaking. M. De Groote and L. T. Monson. 1,940,390; Dec. 19.
- Petroleum emulsions, Breaking. M. De Groote, L. T. Monson, and A. F. Wirtel. 1,897,574-5; Feb. 14.

- Petroleum emulsions, Breaking. M. De Groote and A. F. Wirtel. 1,908,129; May 9.
- Petroleum emulsions, Breaking. M. De Groote and A. F. Wirtel. 1,910,680; May 23.
- Petroleum emulsions, Breaking. M. de Groote and A. F. Wirtel. 1,913,538; June 13.
- Petroleum emulsions, Breaking. M. De Groote and A. F. Wirtel. 1,940,391-4; Dec. 19.
- Petroleum emulsions, Breaking. M. De Groote and A. F. Wirtel. 1,940,397-8; Dec. 19.
- Petroleum emulsions, Breaking. W. P. and J. D. Haseman. 1,914,665; June 20.
- Petroleum emulsions, Breaking. T. B. Wayne. 1,937,259; Nov. 28.
- Petroleum emulsions, Resolving. T. B. Wayne. 1,912,330; May 30.
- Petroleum emulsions, Treating. A. M. Herbsman. 1,921,751; Aug. 8.
- Petroleum emulsions, Treating. A. M. Herbsman. 1,931,112; Oct. 17.
- Petroleum hydrocarbons, Apparatus for converting. W. M. Cross. 1,916,205; July 4.
- Petroleum hydrocarbons, Cracking. W. M. Cross. 1,920,929; Aug. 1.
- Petroleum hydrocarbons, Distilling. C. F. Tears. 1,925,013; Aug. 29.
- Petroleum hydrocarbons, Purifying. A. Oberle. 1,893,438; Jan. 3.
- Petroleum hydrocarbons, Treating. A. G. Davis. 1,922,528; Aug. 15.
- Petroleum in natural underground reservoirs, Storage of. F. F. Hill and A. C. Rubel. 1,921,358; Aug. 8.
- Petroleum mixtures, Distilling. W. E. Lummus. 1,913,603; June 13.
- Petroleum oil, Converting. C. P. Dubbs. 1,927,156; Sept. 19.
- Petroleum oil, Process and apparatus for cracking. G. Ezloff. 1,930,231; Oct. 10.
- Petroleum oil with a liquid reagent, Method and apparatus for proportionally mixing a. W. W. Gary. 1,927,636; Sept. 19.
- Petroleum oils, Converting. D. R. Stevens and J. R. Adams. 1,915,206; June 20.
- Petroleum oils, Pyrolytic conversion of. F. A. Howard. 1,934,067; Nov. 7.
- Petroleum oils, Treating. M. S. Darrow and L. S. Sweeney. 1,903,094; Mar. 28.
- Petroleum, Process and apparatus for fractionating. W. W. Lowe and H. N. Lyons. 1,923,271; Aug. 22.
- Petroleum, Production of. G. R. Milton. 1,908,440; May 9.
- Petroleum products and treating same, Distillate. J. B. Rafter, L. C. Beard, jr., and O. M. Reiff. 1,909,935; May 23.
- Petroleum products and treating the same, Distillate. J. B. Rafter, L. C. Beard, jr., and O. M. Reiff. 1,916,437-8; July 4.
- Petroleum products, Apparatus for producing. J. G. Phillips. 1,916,071; June 27.
- Petroleum products, Treating refined. C. W. Girvin. 1,931,725; Oct. 24.
- Petroleum, Removal of impurities from crude. L. L. Davis, A. Henriksen, and J. J. Allinson. 1,901,228; Mar. 14.
- Petroleum sulphonic acids, compositions containing such acids and preparing the same. K. S. Ramayya. 1,935,666; Nov. 21.
- Petroleum sulphonic acids derived from the treatment of mineral oils with sulphuric acid, Purifying. K. S. Ramayya. 1,930,488; Oct. 17.
- Petroleum, Sweetening a. H. H. Cannon. 1,926,226; Sept. 12.
- Petroleum, Treating. W. W. Gary. 1,893,138; Jan. 3.
- Petroleum, Treating. W. W. Gary. 1,929,489; Oct. 10.
- Petroleum, Treatment of. E. M. Clark. 1,933,047; Oct. 31.
- Petroleum, Treatment of crude. B. T. Brooks. 1,911,795; May 30.
- Petroleum vapors, Cracking. C. W. Andrews and R. D. Rogers. 1,907,029; May 2.
- Petrol, Recrystallizing and purifying. W. H. Rinckenbach and E. D. Regad. 1,940,811; Dec. 26.
- Pew end or the like. W. H. Burk. Des. 89,873; May 16.
- Pharmaceutical preparation. F. Krollpfeiffer. 1,900,449; Mar. 7.
- Phase and frequency control. H. Nyquist. 1,926,169; Sept. 12.
- Phase control. S. S. Green. 1,898,828; Feb. 21.
- Phase multiplier. C. E. Bohner. 1,916,356; July 4.
- Phase multiplier. A. Hund. 1,896,747; Feb. 7.
- Phase-sequence network. B. E. Lenehan. 1,936,797; Nov. 28.
- Phase shifting reactor. C. A. Boddie. 1,924,303; Aug. 29.
- Phasing device. A. H. Brolly. 1,923,252; Aug. 22.
- Phenates, Making. J. J. Grebe and W. H. Dow. 1,924,313; Aug. 29.
- Phenol derivatives, Manufacture of metalliferous sulphurized. V. Kartaschoff. 1,931,197; Oct. 17.
- Phenol-formaldehyde resins, Preparing transparent. G. Pechin, née Lacroix. 1,894,702; Jan. 17.
- Phenol from aromatic hydrocarbon halides, Manufacture of. W. Rittler. 1,936,567; Nov. 21.
- Phenol, Making. W. J. Hale and E. C. Britton. 1,925,321; Sept. 5.
- Phenol, New sulphurized. F. Muth. 1,911,709; May 30.
- Phenolic bodies, Purification of. C. O. Henke. 1,939,591; Dec. 12.
- Phenolic compounds, Production of. W. Schoeller, H. Jordan, and R. Clerc. 1,901,824; Mar. 14.
- Phenolic condensation products, Making. H. M. Dent. 1,894,088; Jan. 10.
- Phenolphthalein composition and making same. E. B. Putt. 1,894,889; Jan. 17.
- Phenolphthalein, Producing. M. H. Hubacher. 1,940,494-5; Dec. 19.
- Phenolphthalein, Purifying. H. P. Roberts. 1,940,146; Dec. 19.
- Phenols and the like, Extracting. R. H. McKee. 1,929,438; Oct. 10.
- Phenols from hydrocarbons, Removal of. H. Roos and E. Schwamberger. 1,934,007; Nov. 7.
- Phenols from liquors containing same, Removing. C. E. Braun. 1,937,941; Dec. 5.
- Phenols in a pure state from tars or tar oils, Removal of. J. Karpati and M. G. Hübsch. 1,934,861; Nov. 14.
- Phenols, Preparing acylated. H. L. J. Haller and P. S. Schaffer. 1,933,975; Nov. 7.
- Phenols, Purification of. V. Molinari. 1,909,546; May 16.
- Phenols, Purification of dihydric. N. Elliott. 1,912,628; June 6.
- Phenols, Refining. E. Clemmensen and R. M. Miller. 1,931,057; Oct. 17.
- Phenols, Sulphurized. A. Bergoldt and F. Ballauf. 1,922,467; Aug. 15.
- Phenyl-aminoalkyl-carbinols, which are substituted in the phenyl nucleus, Production of. M. Oberlin. 1,898,258; Feb. 21.
- Phenyl phenols, Manufacture of. W. J. Hale. 1,922,695; Aug. 15.
- Phenyl phenols, Production of. W. J. Hale and E. C. Britton. 1,907,246; May 2.
- Phone or aid to hearing, Ear. F. P. Kinsley and J. C. Fleischman. 1,908,850; May 16.
- Phonetic transmission of speech sounds, System of brief typed. V. W. Hancock. 1,931,816; Oct. 24.
- Phonofilms, Recording and reproducing. A. Karolus. 1,901,033-4; Mar. 14.
- Phonograph. J. A. Cameron. 1,922,231; Aug. 15.
- Phonograph. C. F. Eggleston and D. D. Gutekunst. 1,899,141; Feb. 28.
- Phonograph. F. L. Fox. 1,937,270; Nov. 28.
- Phonograph. L. L. Jones. 1,909,768; May 16.
- Phonograph. L. L. Jones and T. E. Piazze. 1,924,283; Aug. 29.
- Phonograph. W. E. Miller and W. J. Sheubrooks. 1,920,936; Aug. 1.
- Phonograph. T. E. Piazze. 1,924,287; Aug. 29.
- Phonograph apparatus, Electric. O. M. Dunning. 1,937,268; Nov. 28.
- Phonograph apparatus, High frequency. A. McL. Nicolson. 1,906,214; Apr. 25.
- Phonograph, Automatic. H. L. Brump and F. O. and F. E. Gray. 1,902,158; Mar. 21.
- Phonograph, Automatic. E. E. Collison and A. L. Knox. 1,931,487; Oct. 24.
- Phonograph, Automatic. E. E. Collison and P. U. Lander. 1,938,810; Dec. 12.
- Phonograph, Automatic. A. Dahlstrom. 1,893,469; Jan. 3.
- Phonograph, Automatic. H. F. Elliott. 1,895,614; Jan. 31.
- Phonograph, Automatic. B. E. Mills. 1,911,707; May 30.
- Phonograph, Automatic. J. R. Mitchell. 1,940,460; Dec. 19.
- Phonograph, Automatic. J. R. Mitchell and P. U. Lander. 1,936,335; Nov. 21.
- Phonograph, Automatic. G. G. Polakoff. 1,925,402; Sept. 5.
- Phonograph, Automatic record changing. J. A. Darwin. 1,920,360; Aug. 1.
- Phonograph brake mechanism. J. H. Teaf. 1,930,543; Oct. 17.
- Phonograph driving device, Two-speed. F. Diehl and E. and J. M. Naul. 1,929,092; Oct. 3.
- Phonograph driving mechanism. W. J. Peets. 1,905,746; Apr. 25.
- Phonograph, Electric. A. A. Thomas. 1,915,906; June 27.
- Phonograph for nonuniform records, Automatic. T. W. Small. 1,918,092; July 11.
- Phonograph machine. R. F. Mallina. 1,938,706; Dec. 12.
- Phonograph pickup. W. H. Hutter. 1,934,857; Nov. 14.
- Phonograph pick-up, Electrical. S. Ruben. 1,902,900; Mar. 28.
- Phonograph record, Revocalized. E. Hopkins. 1,906,124; Apr. 25.
- Phonograph record turntable. H. C. Harrison. 1,940,089; Dec. 19.
- Phonograph record with pin holder. A. M. Acheson. 1,915,348; June 27.
- Phonograph-recording machine. R. F. Mallina. 1,939,072; Dec. 12.
- Phonograph records, Arrangement for producing. R. H. Townsend. 1,895,178; Jan. 24.
- Phonograph records, Making. C. C. Hasin. 1,910,831; May 23.
- Phonograph records, Making. J. Reilly and H. T. Beans. 1,915,384; June 27.
- Phonograph reproducer. J. H. King. 1,918,972; July 18.

- Phonograph, Twin. J. Motyl. 1,909,839; May 16.
 Phonographs and the like, Automatic braking device for. R. O. de la Quintana. 1,901,553; Mar. 14.
 Phonographs, Control device for. M. Nystrom. 1,895,004; Jan. 24.
 Phosphate and nitrates, Simultaneous production of precipitated dicalcium. F. C. and F. Palazzo. 1,903,684; Apr. 11.
 Phosphate bearing material, Concentration of. A. Crago and H. S. Martin. 1,912,434; June 6.
 Phosphate-bearing material, Concentration of. L. H. Lange. 1,914,694-5; June 20.
 Phosphate coatings on metals, Production of. R. R. Tanner and H. J. Lodeesen. 1,911,726; May 30.
 Phosphate, Leaching raw. M. Larsson. 1,902,648; Mar. 21.
 Phosphate rock and of separating its content of lime and phosphoric acid, Dissolving. E. Johnson. 1,939,351; Dec. 12.
 Phosphate-rock, Mining and treatment of. J. T. Bullwinkel. 1,901,221; Mar. 14.
 Phosphate rock with acid solutions, Leaching. F. G. Liljenroth. 1,906,386; May 2.
 Phosphates of alkylolamine compounds and their production. H. O. Albrecht. 1,936,533; Nov. 21.
 Phosphates of the alkali and alkaline earth metals and of magnesium, Manufacture of. V. Pfistophil. 1,925,644; Sept. 5.
 Phosphates, Preparation of pure. C. F. Booth. 1,901,020; Mar. 14.
 Phosphates, Producing pure. C. F. Booth. 1,929,476; Oct. 10.
 Phosphates, Reducing. H. W. Easterwood. 1,927,604; Sept. 19.
 Phosphorous and phosphoric esters. W. Lommel and R. Engelhardt. 1,936,985; Nov. 28.
 Phosphorus amide-aldehyde resin and preparing the same. W. H. Woodstock. 1,940,383; Dec. 19.
 Phosphorus and alumina, Process for the simultaneous production of. R. Suchy and H. F. A. E. Krause. 1,919,310; July 25.
 Phosphorus and phosphoric oxides, Producing. E. J. Franke. 1,925,338; Sept. 5.
 Phosphorus, Burning. H. Lehrecke. 1,940,758; Dec. 26.
 Phosphorus content from phosphorus containing materials and the potassium content from potassium containing materials, Combined process of extracting the. R. E. Vivian and C. G. Fink. 1,926,073; Sept. 12.
 Phosphorus content from phosphorus containing materials, Extracting. R. E. Vivian. 1,926,072; Sept. 12.
 Phosphorus from crude phosphates, Thermic production of. S. D. Gooch and F. P. Kerschbaum. 1,938,557; Dec. 5.
 Phosphorus oxychloride, Making. C. O. North. 1,921,370; Aug. 8.
 Phosphorus pentachloride, Manufacture of. W. V. Wirth. 1,906,440; May 2.
 Phosphorus pentachloride, Preparing. W. J. Marsh. 1,914,750; June 20.
 Phosphorus, Producing red. S. D. Gooch and F. P. Kerschbaum. 1,902,144; Mar. 21.
 Photo-acoustic cinematographic apparatus. E. W. Reynolds. 1,939,522; Dec. 12.
 Photocell and circuit. A. A. Shoup. 1,930,541; Oct. 17.
 Photo-composing machine. H. C. Jones. 1,920,399; Aug. 1.
 Photocopying apparatus. F. C. Forrest. 1,895,654; Jan. 31.
 Photo-electric analyzer apparatus. M. W. Baden. 1,938,004; Dec. 5.
 Photoelectric all. J. H. Rouse. 1,921,483; Aug. 8.
 Photo-electric cell controls for highway barriers. J. B. Strauss. 1,929,859; Oct. 10.
 Photo-electric cell, Regenerative. B. Kwartin. 1,938,184; Dec. 5.
 Photo-electric control apparatus. C. C. Thomas. 1,924,139; Aug. 29.
 Photo-electric device. H. C. Rentschler. 1,923,844; Aug. 22.
 Photo-electric device. H. C. Rentschler. 1,923,845; Aug. 22.
 Photo-electric device, Polyphase. C. W. Hough. 1,912,139; May 30.
 Photo-electric keying head. F. Kunc. 1,939,215; Dec. 12.
 Photo-electric modulating system. F. Schröter. 1,912,732; June 6.
 Photo-electric relay apparatus. W. D. Cockrell. 1,939,435; Dec. 12.
 Photo-electric system. A. S. Fitz Gerald. 1,919,182; July 18.
 Photo electric system. L. S. Uphoff and C. H. Rumpel. 1,912,415; June 6.
 Photo-electric tube. S. Asao and M. Suzuki. 1,936,419; Nov. 21.
 Photo-electric tube. K. T. Bainbridge. 1,901,577; Mar. 14.
 Photo-electric tube. E. E. Charlton. 1,927,792; Sept. 19.
 Photo-electric tube. J. H. de Boer and M. C. Teves. 1,906,448; May 2.
 Photo-electric tube. H. H. Geffcken and H. R. Richter. 1,924,275; Aug. 29.
 Photoelectric tube. G. S. C. Lucas. 1,934,437; Nov. 7.
 Photoelectric tube. A. J. McMaster. 1,909,701; May 16.
 Photo-electric tube. A. J. McMaster. 1,921,834; Aug. 8.
 Photoelectric tube. A. J. McMaster. 1,925,054; Aug. 29.
 Photoelectric tube. H. W. Parker. 1,929,932; Oct. 10.
 Photo-electric tube. H. C. Rentschler. 1,917,854-5; July 11.
 Photo-electric tube. H. E. Thomson. 1,927,812; Sept. 19.
 Photo-electric tube. E. D. Wilson. 1,924,299; Aug. 29.
 Photo-electric tube. V. K. Zworykin. 1,939,531; Dec. 12.
 Photo-electric tubes, Preparing. K. T. Bainbridge. 1,901,578; Mar. 14.
 Photo-engraving. P. H. W. Werner. 1,898,798; Feb. 21.
 Photo-engraving process. H. G. Kneeland. 1,928,899; Oct. 3.
 Photo enlarging and printing machine. J. Rodman. 1,914,461; June 20.
 Photogrammetric apparatus. U. Nistri. 1,916,487; July 4.
 Photogrammetric apparatus. E. Santoni. 1,925,207; Sept. 5.
 Photograph mounting. R. O. Clark. 1,917,022; July 11.
 Photographic accessory. R. M. Hessert. 1,941,003; Dec. 26.
 Photographic and developing apparatus. C. Bodna and S. J. Pask. 1,912,427; June 6.
 Photographic and projection objectives. A. Warmisham. 1,899,069; Feb. 28.
 Photographic apparatus. W. Kurze. 1,932,701; Oct. 31.
 Photographic apparatus. V. Orlando. 1,923,997; Aug. 22.
 Photographic apparatus. B. A. Proctor. 1,894,963; Jan. 24.
 Photographic apparatus. E. Weisker. 1,927,693; Sept. 19.
 Photographic apparatus and objective lens. B. E. Luboshez. 1,910,115; May 23.
 Photographic apparatus, Automatic. G. W. Goddard. 1,936,595; Nov. 28.
 Photographic apparatus, Automatic. A. Klimis and J. Feola. 1,915,791; June 27.
 Photographic apparatus, Pose-reflecting. L. G. Simjian. 1,897,772; Feb. 14.
 Photographic apparatus, Pose-reflecting. L. G. Simjian. 1,928,677; Oct. 3.
 Photographic color process. J. G. Capstaff. 1,905,438; Apr. 25.
 Photographic color process. M. W. Seymour. 1,900,870; Mar. 7.
 Photographic copying apparatus. L. E. Hutchings. 1,919,433; July 25.
 Photographic copying system. E. F. Kingsbury. 1,906,973; May 2.
 Photographic developer and developing. M. C. Reed. 1,937,844; Dec. 5.
 Photographic developer for use at high temperatures. J. I. Crabtree and J. F. Ross. 1,933,789; Nov. 7.
 Photographic developer with alkali substitute. M. L. Dundon. 1,925,557; Sept. 5.
 Photographic developers, Regeneration of. K. C. D. Hickman and W. J. Weyerts. 1,933,804; Nov. 7.
 Photographic developing apparatus. A. I. Liberman. 1,900,825; Mar. 7.
 Photographic device. O. Barnack. 1,936,322; Nov. 21.
 Photographic dust count apparatus. S. M. Corbett and L. H. Stanford. 1,897,111; Feb. 14.
 Photographic edge printing apparatus. R. P. Leavitt. 1,897,908; Feb. 14.
 Photographic element for color photography, Making a. P. Rehländer. 1,918,560; July 18.
 Photographic elements, Colored screening layer for sensitive. M. W. Seymour. 1,921,545; Aug. 8.
 Photographic elements, Protecting. J. H. Theiss. 1,898,857; Feb. 21.
 Photographic exposure-meter. E. Bertram. 1,931,883; Oct. 24.
 Photographic exposure meter. H. F. Tönnies. 1,895,271; Jan. 24.
 Photographic film for development, Device for cutting out sections of a. A. J. Liberman. 1,893,092; Jan. 3.
 Photographic film reel. L. W. Lessler. 1,899,279; Feb. 28.
 Photographic gates for film. O. Wittel. 1,933,783; Nov. 7.
 Photographic gelatin relief. L. T. Troland. 1,923,764; Aug. 22.
 Photographic material. W. Schneider. 1,912,797; June 6.
 Photographic material, Antihalation layer and halation-proof. K. Hebbel. 1,923,485; Aug. 22.
 Photographic measurements, Method and apparatus for making. G. Moe. 1,937,433; Nov. 28.
 Photographic mount. P. J. Stuparich. Des. 90,055; May 30.
 Photographic objective. H. S. Newcomer. 1,932,082; Oct. 24.
 Photographic optical system. O. Wittel. 1,925,552; Sept. 5.
 Photographic plate or film. O. Schmidt. 1,929,290; Oct. 3.
 Photographic printer. F. E. Altman and C. M. Tuttle. 1,930,139; Oct. 10.
 Photographic printing apparatus. C. Z. Case and P. R. Ord. 1,933,788; Nov. 7.
 Photographic printing apparatus. W. H. T. R. Rose. 1,894,004-5; Jan. 10.
 Photographic printing apparatus. C. M. Tuttle and D. A. A. Young, Jr. 1,933,831; Nov. 7.
 Photographic printing apparatus. F. Twyman. 1,939,243; Dec. 12.
 Photographic printing apparatus, Adjustable. V. C. Ernst. 1,909,939; May 23.

- Photographic printing, Apparatus for. C. M. Tuttle, J. W. McFarlane, and H. E. White. 1,912,740; June 6.
- Photographic printing by phosphorescent plates. E. T. Tai. 1,910,573; May 23.
- Photographic printing device. F. Bern. 1,893,156; Jan. 3.
- Photographic printing element. W. C. Huebner. 1,912,482; June 6.
- Photographic printing machine. A. W. Jacobi. 1,920,561; Aug. 1.
- Photographic printing, Mechanism for. F. M. Mills. 1,919,030; July 18.
- Photographic printing method. K. C. D. Hickman. 1,897,844; Feb. 14.
- Photographic prints, Making. E. Loening. 1,928,181; Sept. 26.
- Photographic process. M. P. Schmidt, W. Krieger, and W. Spietschka. 1,906,240; May 2.
- Photographic processing. K. C. D. Hickman. 1,905,467; Apr. 26.
- Photographic production. L. M. Dieterich. 1,899,139; Feb. 28.
- Photographic production. L. M. Dieterich. 1,927,925; Sept. 26.
- Photographic projection apparatus. B. McCandless. 1,925,149; Sept. 5.
- Photographic relief. L. T. Troland and R. D. Eaton. 1,919,673; July 25.
- Photographic reproduction, Single plate multiple. R. R. Robertson. 1,892,683; Jan. 3.
- Photographic reversal process. M. W. Seymour. 1,939,231; Dec. 12.
- Photographic screen. G. S. Rowell. 1,919,481-2; July 25.
- Photographic shutter. H. Deckel and M. Burger. 1,941,291-2; Dec. 26.
- Photographic shutter. W. A. Riddell. 1,925,567; Sept. 5.
- Photographic shutter and controlling mechanism. E. C. Thompson. 1,909,597; May 16.
- Photographic shutter control. W. A. Riddell. 1,917,330; July 11.
- Photographic sound device, Electrodynamical. F. D. Owens. 1,916,739; July 4.
- Photographic transforming apparatus. L. T. Eliel. 1,926,584; Sept. 12.
- Photographing. P. S. Edwards. 1,917,245; July 11.
- Photographing apparatus. R. M. Hessert. 1,939,446; Dec. 12.
- Photographing apparatus, Automatic. C. Bodan and S. J. Fask. 1,911,345; May 30.
- Photographing device for high speed moving pictures. T. Sahara. 1,903,204; Mar. 28.
- Photographing, endorsing, and perforating machine for checks and the like, Combined. R. M. Hessert. 1,941,004; Dec. 26.
- Photographs and cinematographic records in natural colors. Exposure and copying of. P. S. R. Anderson. 1,904,600; Apr. 18.
- Photographs, Apparatus for correcting tilted. E. H. Cahill. 1,911,142; May 23.
- Photographs, Apparatus for reproducing color. F. A. Lindemann. 1,925,902; Sept. 5.
- Photographs, Arrangement for printing. A. Naumann. 1,926,596; Sept. 12.
- Photographs by artificial light, Apparatus for making. A. Bouwers and N. A. Halbertsma. 1,939,332; Dec. 12.
- Photographs, Making composite. O. W. Ames. 1,933,953; Nov. 7.
- Photographs, Making composite. F. W. Jackman and H. F. Koenekamp. 1,939,304; Dec. 12.
- Photographs, Method of and system for taking X-ray. H. Franke. 1,917,108; July 4.
- Photographs, Producing monochrome or multicolor gelatin relief. H. Herzog. 1,926,620; Sept. 12.
- Photography, Color. M. Martinez. 1,935,477; Nov. 14.
- Photography, Color. P. Rehländer. 1,927,805; Sept. 19.
- Photography, Composite. W. V. D. Kelley. 1,912,582; June 6.
- Photography, Stereoscopic. E. P. L. Le Barbier. 1,911,320; May 30.
- Photography, Superimposing a foreground or image upon a background in. W. D. Walker. 1,928,579; Sept. 26.
- Photogravure plates, Producing. A. A. Pearson. 1,901,468; Mar. 14.
- Photolithographic plate. A. W. Cornell. 1,912,693; June 6.
- Photomechanical printing (negative colloid relief). R. E. Hurst and C. E. Meulendyke. 1,938,291; Dec. 5.
- Photomechanical printing (positive colloid relief). R. E. Hurst and C. E. Meulendyke. 1,938,290; Dec. 5.
- Photometer especially for photographic appliances, Optical. W. Schlichter. 1,915,033; June 20.
- Photometric instrument. S. C. Hoare. 1,906,597; May 2.
- Photopaper, Apparatus for testing. J. Norworth. 1,901,186; Mar. 14.
- Photoplays, Method and apparatus for synchronizing. W. E. Disney, W. E. Jackson, and W. E. Garity. 1,941,341; Dec. 26.
- Photo-print drier. G. N. Dunham. 1,919,275; July 25.
- Photoprinting. A. G. Ogden. 1,893,439; Jan. 3.
- Photo printing apparatus, Automatic. H. V. Sperbeck. 1,929,105; Oct. 3.
- Photosensitive apparatus. C. A. Styer. 1,939,088; Dec. 12.
- Photo-sensitive bodies, Manufacturing. C. B. Roehrich. 1,936,525; Nov. 21.
- Phototransfer process. W. Heinecke and F. Hunsperger. 1,911,955; May 30.
- Photo-tube. E. D. Wilson. 1,922,185; Aug. 15.
- Phthalic anhydride, Purifying. F. C. Bowers. 1,897,110; Feb. 14.
- Physical condition of human beings, Testing the. L. F. MacKenzie, P. V. Wells, and E. G. Dewis. 1,926,748; Sept. 12.
- Physical conditions, Method of and apparatus for regulating or governing. G. Wunsch. 1,920,827; Aug. 1.
- Physician's chair. W. F. Koken. 1,899,040; Feb. 28.
- Phytosterol, fatty acids and resin acids from raw soap or liquid resin obtained in the manufacture of cellulose according to the sulphate method, Obtaining. H. Sandqvist and T. O. H. Lindström. 1,940,372; Dec. 19.
- Piano. F. P. Dell and W. Freeman. 1,922,530; Aug. 15.
- Piano-accordion. R. Rieschick. 1,899,357; Feb. 28.
- Piano action. C. H. Dasenbrook. 1,900,488; Mar. 7.
- Piano, Combination vocal. A. Fuschl. 1,922,239; Aug. 15.
- Piano construction. F. W. Kringle. 1,924,720; Aug. 29.
- Piano pedal extension. T. Woodall. 1,918,510; July 18.
- Piano, Regenerative. J. H. Hammond, jr. 1,893,940; Jan. 10.
- Piano string frames, heat treating. S. Weber. 1,941,423; Dec. 26.
- Piano with loud speaker on secondary sound board. J. H. Hammond, jr. 1,893,893; Jan. 10.
- Piano with reaction loud speaker. J. H. Hammond, jr. 1,893,892; Jan. 10.
- Pick, Combination ice. C. Lorber. 1,923,986; Aug. 22.
- Pick-up. J. Mainland. 1,923,104; Aug. 22.
- Pick-up. E. E. Wickersham. 1,928,237; Sept. 26.
- Pick-up arm. L. B. Ault. 1,928,444; Sept. 26.
- Pick-up arm. R. W. Langley and G. W. Wacker. 1,928,062; Sept. 26.
- Pick-up device for sound picture apparatus. A. F. Victor. 1,933,400; Oct. 31.
- Pick-up feeder. E. E. Wickersham. 1,923,405; Aug. 22.
- Picker and husker, Corn. A. C. Lindgren, C. R. Raney, and R. B. Hitchcock. 1,925,077; Aug. 29.
- Picker for fly shuttle looms. A. Kullman. 1,904,316; Apr. 18.
- Picker head. E. E. Taliaferro. 1,918,620; July 18.
- Picker mechanism. W. W. Oslund. 1,940,011; Dec. 19.
- Picker, Peanut. T. M. Lilliston. 1,935,803; Nov. 21.
- Picker roller, Adjustable. J. A. Streun. 1,902,674; Mar. 21.
- Picker spindle mounting for looms. A. Palmer. 1,937,435; Nov. 28.
- Picker system and process. F. E. Rowe, jr. 1,933,599; Nov. 7.
- Picking and harvesting machine. A. J. Behling. 1,921,651; Aug. 8.
- Picking machine. A. J. Behling. 1,921,650; Aug. 8.
- Pickler, Mechanical. H. C. Wilcox and W. E. Coakley. 1,939,426; Dec. 12.
- Pickling machine, Operating. W. Trinks. 1,902,532; Mar. 21.
- Pickling tank. J. R. Brooks. 1,916,958; July 4.
- Pictorial display apparatus. G. W. Eschenbach. 1,893,052; Jan. 3.
- Picture. F. Lowenthal. 1,908,772; May 16.
- Picture amusement device, Multiple. H. L. Perry. 1,903,226; Mar. 28.
- Picture and making same, Embossed covered. H. S. Winzeler. 1,924,429; Aug. 29.
- Picture and sound record film, Motion. J. I. Crabtree and C. E. Ives. 1,921,964; Aug. 8.
- Picture and sound record film, Motion. D. H. Stewart. 1,921,954; Aug. 8.
- Picture and talking machine. H. E. Harkin. 1,933,057; Oct. 31.
- Picture apparatus, Automatic self-threading motion. A. Stuber and W. A. Riddell. 1,939,238; Dec. 12.
- Picture apparatus combined with sound producers, Motion. J. A. O'Neill. 1,915,613; June 27.
- Picture apparatus, Motion. C. Aalborg and F. Conrad. 1,939,081; Dec. 12.
- Picture apparatus, Motion. E. W. Reynolds. 1,909,074; May 16.
- Picture apparatus, Motion. A. F. Sulzer. 1,939,239; Dec. 12.
- Picture apparatus, Motion. H. C. Wellman. 1,926,862; Sept. 12.
- Picture apparatus, Motion. W. D. Wright. 1,932,029; Oct. 24.
- Picture apparatus, Moving. D. C. McFarland. 1,928,183; Sept. 26.
- Picture apparatus, Portable sound. W. H. Bauch. 1,936,345; Nov. 21.
- Picture apparatus, Sound. W. H. Bauch. 1,936,344; Nov. 21.
- Picture apparatus, Talking. F. H. Owens. 1,925,600; Sept. 5.
- Picture apparatus, Talking motion. C. H. Seaborn. 1,897,655; Feb. 14.
- Picture apparatus, Tilting and adjusting device for motion. A. Dina. 1,907,754; May 9.
- Picture assembling apparatus for television receivers. F. von Okolicsanyi. 1,923,520; Aug. 22.
- Picture change-over and cut-off device, Motion. C. Thide. 1,923,042; Aug. 15.
- Picture, Color motion. W. L. Douden. 1,911,492; May 30.

- Picture, Composite motion. F. W. Jackman. 1,926,722; Sept. 12.
- Picture display box. R. R. Whiting. 1,912,233; May 30.
- Picture film, diapositive, and the like for optical projection apparatus. J. M. Ehmer. 1,930,421; Oct. 10.
- Picture film printing device, Motion. H. E. Piper. 1,898,141; Feb. 21.
- Picture film reel, Motion. A. C. Hayden. 1,926,588; Sept. 12.
- Picture film sound record, Fade-in and fade-out for. J. I. Crabtree. 1,921,963; Aug. 8.
- Picture frame. W. Baetz. Des. 89,674-6; Apr. 25.
- Picture frame. C. Brecht. 1,922,567; Aug. 15.
- Picture frame. V. Hansen. Des. 90,913; Oct. 24.
- Picture frame. G. A. Ostling and C. L. Gustafson. Des. 90,835; July 18.
- Picture frame. C. Raab. Des. 91,122; Nov. 28.
- Picture frame. K. Rettich. Des. 90,731-2; Sept. 19.
- Picture frame, Collapsible. N. M. Lurrain. 1,899,815; Feb. 28.
- Picture frame or similar article. E. D. Allen. Des. 90,224-5; July 4.
- Picture hanger. F. L. Koehler. 1,924,864; Aug. 29.
- Picture hanger, Duplex. C. W. Harsin. 1,901,644; Mar. 14.
- Picture machine, Motion. F. J. Watts and C. Wittenmyer. 1,893,189; Jan. 3.
- Picture machine, Moving. A. Papö and A. Gentilini. 1,898,850; Feb. 21.
- Picture machines, Shutter control device for motion. R. G. Fear. 1,914,664; June 20.
- Picture plays, Producing foreign versions of motion. D. G. Shearer. 1,936,885; Nov. 28.
- Picture producer, sound-motion. E. F. W. Alexanderson. 1,937,378; Nov. 28.
- Picture projecting apparatus, Exposure shutter for motion. E. J. Wienke. 1,911,134; May 23.
- Picture-projecting apparatus, Motion. A. Frisch. 1,929,353; Oct. 3.
- Picture-projecting machine, Motion. M. Berkowitz. 1,905,886; Apr. 25.
- Picture-projecting machine, Motion. M. Berkowitz. 1,921,449; Aug. 8.
- Picture-projecting machine, Motion. M. Berkowitz. 1,922,349; Aug. 15.
- Picture projection apparatus. A. K. Hanks. 1,910,989; May 23.
- Picture projection machine structure, Motion. A. Dina. 1,905,816; Apr. 25.
- Picture projection machines, Combined ventilating and fire shutter for motion. A. Dina. 1,900,919; Mar. 14.
- Picture projection, Multiple motion. J. A. Maurer, jr. 1,931,668; Oct. 24.
- Picture projection, Sound. C. H. Porter. 1,932,600; Oct. 31.
- Picture projector apparatus, Motion. A. C. Hayden. 1,895,794; Jan. 31.
- Picture-projector attachment, Motion. P. E. Comi. 1,928,661; Oct. 3.
- Picture projector for motion picture projection machines, Portable talking. A. Dina. 1,933,545; Nov. 7.
- Picture projector, Motion. E. S. Carpenter. 1,921,215; Aug. 8.
- Picture projector, Motion. L. B. Larsen. 1,940,257; Dec. 19.
- Picture projector, Motion. E. Mechau. 1,893,374; Jan. 3.
- Picture projector, Motion. W. L. Wright. 1,897,098; Feb. 14.
- Picture projector, Moving. H. J. Templeton. 1,897,283; Feb. 14.
- Picture projector, Sound. H. Pfannenstiehl. 1,910,179; May 23.
- Picture projector, Talking motion. R. P. May. 1,921,574; Aug. 8.
- Picture recording system, Sound. J. P. Maxfield. 1,899,074; Dec. 12.
- Picture reproducing equipment, Sound. H. Pfannenstiehl. 1,899,079; Dec. 12.
- Picture screen, Moving. J. L. Cass and B. Kreuzer. 1,898,995; Feb. 28.
- Picture screen, Moving. F. H. Lynds. 1,904,872; Apr. 18.
- Picture screen stand, Portable. J. T. Heck. 1,917,369; July 11.
- Picture-sound reproducer, Combined motion. C. L. Heisler. 1,900,555; Mar. 7.
- Picture stand. C. E. Birnn. 1,914,068; June 13.
- Picture system, Sound. L. A. Elmer. 1,925,690; Sept. 5.
- Picture telegraph apparatus. H. Rudolph. 1,907,881; May 9.
- Picture telegraphy, Apparatus for photoelectric exploration by reflection method in copying and. F. Schröter. 1,897,219; Feb. 14.
- Picture transmission. H. R. Butler and C. J. Young. 1,902,486; Mar. 21.
- Picture transmission. C. A. Culver. 1,898,080; Feb. 21.
- Picture transmission or the like, Apparatus for. O. Fulton. 1,902,552; Mar. 21.
- Picture with exaggerated or diminished relief, Stereoscopic. H. E. Ives. 1,916,320; July 4.
- Pictures, Animated. H. Conover. 1,925,136; Sept. 5.
- Pictures, Apparatus for magnetically recording motion. V. C. de Ybarrodo. 1,917,509; July 11.
- Pictures, Apparatus for making animated. G. Lane. 1,919,735; July 25.
- Pictures, Apparatus for making medley. J. W. Anderson. 1,920,671; Aug. 1.
- Pictures, Apparatus for producing motion. L. J. R. Holst. 1,928,255; Sept. 26.
- Pictures, Apparatus for viewing stereoscopic. E. E. Draper. 1,930,228; Oct. 10.
- Pictures by dye transfer, Preparing motion. C. E. K. Mees. 1,939,219; Dec. 12.
- Pictures by electrical means, Arrangement for the transmission of. B. Juhász. 1,911,900; May 30.
- Pictures, Device for producing colored. R. Rüdénberg. 1,934,821; Nov. 14.
- Pictures, Electrical transmission of. O. Fulton. 1,897,796; Feb. 14.
- Pictures having dual effects, Making composite. C. C. Beall. 1,936,444; Nov. 21.
- Pictures, Images, and the like, Method and apparatus for the recording and projection of. J. H. O. Harries. 1,921,464; Aug. 8.
- Pictures in stereoscopic relief, Projecting. H. E. Ives. 1,937,118; Nov. 28.
- Pictures, Making composite. G. A. Mitchell and F. F. Baker. 1,897,494; Feb. 14.
- Pictures, Making sets for moving. J. F. Seitz. 1,898,904; Feb. 21.
- Pictures, Manufacture of color. B. Wendt, H. Bincer, and A. Fröhlich. 1,916,350; July 4.
- Pictures, Manufacture of photographic. C. Roehrich. 1,922,982; Aug. 15.
- Pictures, Method and apparatus for making color motion. J. G. Capstaff. 1,933,787; Nov. 7.
- Pictures, Method and apparatus for making motion. J. F. Seitz. 1,898,905; Feb. 21.
- Pictures, Method of and apparatus for producing motion. L. J. R. Holst. 1,928,623; Oct. 3.
- Pictures, Multicolored. B. Wendt. 1,918,623; July 18.
- Pictures on a screen, Apparatus for projecting animated. T. and I. M. Nicolau y Grifó. 1,929,815; Oct. 10.
- Pictures, Producing audible. E. Wildhaber. 1,921,494; Aug. 8.
- Pictures, Producing motion. W. H. O'Brien. 1,897,673; Feb. 14.
- Pictures, Production of stereoscopic. C. W. Kanolt. 1,935,471; Nov. 14.
- Pictures, Projecting. E. Wildhaber. 1,935,219; Nov. 14.
- Pictures, Projecting. E. Wildhaber. 1,935,220; Nov. 14.
- Pictures, Scoring motion. R. O. Disney. 1,913,048; June 6.
- Pictures, Scoring motion. W. E. Garity. 1,919,364; July 25.
- Pictures, Synchronizing mechanism for talking motion. A. J. Vasselli. 1,902,201; Mar. 21.
- Pictures, System for exhibiting sound motion. O. A. Ross. 1,929,518; Oct. 10.
- Pictures, System for producing sound motion. O. A. Ross. 1,929,519; Oct. 10.
- Pictures, Toning silver. H. Mengele. 1,899,972; Mar. 7.
- Pictures, Transferring. S. A. and R. J. Boyle. 1,936,080; Nov. 21.
- Pie cutter. B. B. Ling. 1,931,388; Oct. 17.
- Pie package. G. S. Frost. 1,903,212; Mar. 28.
- Pie sealer. E. E. Moore. 1,903,682; Apr. 11.
- Pie ventilator. A. M. Vragel. 1,929,798; Oct. 10.
- Pies, Method of and apparatus for making die stamped. T. M. Mears. 1,926,548; Sept. 12.
- Piezo-electric apparatus. A. M. Nicolson. 1,930,905; Oct. 17.
- Piezo-electric crystal. W. A. Marrison. 1,899,163; Feb. 28.
- Piezo electric crystal holder. G. B. Scheibell. 1,933,601; Nov. 7.
- Piezo-electric crystals. W. A. Marrison. 1,918,976; July 18.
- Piezo-electric device. L. A. Levy and D. W. West. 1,930,763; Oct. 17.
- Piezo-electric plate. A. Hund. 1,908,479; May 9.
- Pig pen. H. J. Ferris. 1,914,913; June 20.
- Pigment and producing the same. W. J. O'Brien. 1,894,931; Jan. 17.
- Pigment material, Apparatus for scraping and distributing. G. von Webern. 1,934,750; Nov. 14.
- Pigment, Yellow to red. E. Lederle and H. G. Grimm. 1,926,447; Sept. 12.
- Pigments and product, Modifying the characteristics of. H. A. Gardner. 1,894,168; Jan. 10.
- Pigments by wet-precipitation, Manufacture of. W. C. Hooley. 1,896,312; Feb. 7.
- Pigments containing titanium, Producing. F. von Bichowsky. 1,902,204; Mar. 21.
- Pigments in cellulose ester solutions and products obtained thereby, Dispersing. E. H. Bucy. 1,911,104; May 23.
- Pigments, Manufacture of. G. F. A. Stutz and H. A. Depew. 1,914,539; June 20.
- Pigments, Preparation of titanium. J. Blumenfeld and M. Mayer. 1,892,693; Jan. 3.
- Pigments, Preparing dispersions of insoluble. H. A. Endres. 1,919,715; July 25.
- Pigments, Preparing insoluble. H. A. Endres. 1,919,714; July 25.
- Pilaster. W. T. Holmes. 1,927,344; Sept. 19.
- Pile. E. Burkhardt. 1,931,249; Oct. 17.
- Pile and pile driving. A. G. Rotinoff. 1,898,397; Feb. 21.
- Pile and pile driving. A. G. Rotinoff. 1,926,962; Sept. 12.

- Pile boring and facing machine. E. D. Watt. 1,916,701; July 4.
- Pile, Composite. H. P. Burrell. 1,893,515; Jan. 10.
- Pile, Composite. L. M. King. 1,929,280; Oct. 3.
- Pile, Composite. R. E. Talmadge. 1,900,673; Mar. 7.
- Pile driver. R. W. Kaltenbach and A. Fronek. 1,905,906; Apr. 25.
- Pile driver. J. H. Thornley. 1,905,528; Apr. 25.
- Pile driving machine. L. Watson. 1,893,687; Jan. 10.
- Pile fabric. C. Dreyfus. 1,912,625; June 6.
- Pile fabric. J. Erkes. Des. 89,863; May 9.
- Pile fabric. J. F. Shaw, J. M. Donnelly, J. Smart, and J. Johnston. 1,927,810; Sept. 19.
- Pile fabric. J. Todd. Des. 91,092-3; Nov. 21.
- Pile fabric and making the same. P. S. Smith. 1,914,962; June 20.
- Pile fabric and method of weaving. H. L. Shuttleworth. 1,934,827; Nov. 14.
- Pile fabric and weaving same. F. W. Mostertz. 1,914,278; June 13.
- Pile fabric containing derivatives of cellulose and making the same. C. Dreyfus. 1,910,429; May 23.
- Pile fabric loom. Tuft. T. J. Holland. 1,898,988; Feb. 21.
- Pile fabric weave. G. J. Underwood. 1,926,249; Sept. 12.
- Pile fabric weave. G. J. Underwood and J. Crawford. 1,926,250; Sept. 12.
- Pile fabrics, Apparatus for and method of making knitted. D. P. Moore. 1,894,596; Jan. 17.
- Pile fabrics, Making. G. J. Underwood. 1,902,921; Mar. 28.
- Pile fabrics, Manufacture of. H. L. Shuttleworth. 1,899,990; Mar. 7.
- Pile fabrics, Method and apparatus for making. H. L. Shuttleworth. 1,931,092; Oct. 17.
- Pile fabrics, Method and apparatus for treating. A. P. Green. 1,913,114; June 6.
- Pile fabrics, Weaving tuft. F. Darienzo. 1,923,030; Aug. 15.
- Pile forming apparatus. M. M. Upson. 1,912,108; May 30.
- Pile joint, Composite. E. D. Watt. 1,916,702; July 4.
- Pile puller clamp. G. H. Bacot. 1,912,244; May 30.
- Pile shell. F. A. Schroeder and A. E. Twist. 1,900,524; Mar. 7.
- Pile shell section, Internally tapered. E. D. Watt. 1,893,010; Jan. 3.
- Pile shell, Steel. M. Blumenthal. 1,908,217; May 9.
- Pile shells, Driving. J. A. Dahren. 1,906,136; Apr. 25.
- Pile shells, Lining. E. D. Watt. 1,893,011; Jan. 3.
- Piles, Apparatus for forming concrete. R. Tada. 1,900,622; Mar. 7.
- Piles, Method and apparatus for making. W. W. Edman. 1,935,903; Nov. 21.
- Piles, Reinforcement for composite. E. D. Watt. 1,912,111; May 30.
- Piling, Concrete. S. Takechi. Des. 18,893; July 11.
- Piling, Corrugated sheet. J. R. Wemlinger. 1,894,012; Jan. 10.
- Piling implement. R. T. Bowling. 1,919,822; July 25.
- Piling machine. A. G. Delany. 1,935,767; Nov. 21.
- Pillar or post standing in the street traffic. F. Meister and J. Maul. 1,903,869; Apr. 18.
- Pillow. E. J. Barcalo. 1,928,806; Oct. 3.
- Pillow. C. R. Law. 1,935,034; Nov. 14.
- Pillow and appliance therefor. E. J. Barcalo. 1,934,254; Nov. 7.
- Pillow bag. I. J. Salomon. 1,927,471; Sept. 19.
- Pillow cover or the like. M. R. Hamre. Des. 89,185; Feb. 7.
- Pillow cover or the like. M. R. Hamre. Des. 89,187; Feb. 7.
- Pillow for chairs, Adjustable. C. W. White. 1,935,685; Nov. 21.
- Pillow or cushion. J. Hilton. 1,893,170; Jan. 3.
- Pillow or similar article. E. J. Barcalo. Des. 90,747; Sept. 26.
- Pillow speaker. L. Arnsen. 1,931,312; Oct. 17.
- Pilot. T. W. Torr. 1,930,700; Oct. 17.
- Pilot and automatic gas lighter, Safety. M. Finkel, A. Weiss, and S. Zove. 1,938,823; Dec. 12.
- Pilot and burner control apparatus. F. A. Gauger, R. W. Johnson, and A. Neuser. 1,922,201; Aug. 15.
- Pilot channel indicating system. R. W. Deardorff. 1,895,542; Jan. 31.
- Pilot control, Thermostatic. O. J. Kay. 1,908,765; May 16.
- Pilot differential pressure control. P. A. Elfers. 1,925,957; Sept. 5.
- Pilot for dirigible craft, Automatic. B. G. Carlson. 1,918,082; July 11.
- Pilot for small holes, Adjustable. W. M. Howser. 1,915,670; June 27.
- Pilot, Headlight. G. Reisinger. 1,907,872; May 9.
- Pilot lamp arrangement for multiplex telegraph printers. L. W. Franklin and F. J. Maus. 1,919,161; July 18.
- Pilot wire regulator system. L. G. Abraham. 1,931,598; Oct. 24.
- Pilot, Wireless controlled automatic. F. S. Hodgman. 1,924,857; Aug. 29.
- Pilots in handling airplanes, Device for training. W. E. Huffman. 1,896,175; Feb. 7.
- Pimiento peppers and the like, Roasting. J. R. Smith. 1,937,416; Nov. 28.
- Pin: See—
- Article securing pin. Insulator pin.
- Collar pin. Leader pin.
- Cotter pin. Piston pin.
- Crank pin. Removable guide pin.
- Dowel pin. Safety wrist pin.
- Electrical contact pin. Soft collar pin.
- Gear pin. Vacuum tube base pin.
- Pin. A. G. Henriksen. 1,921,082; Aug. 8.
- Pin and attaching means, Cowl. L. H. E. Fox. 1,933,724; Nov. 7.
- Pin and locking washer. A. Alsaker. 1,915,640; June 27.
- Pin board. J. E. Johnson. 1,895,416; Jan. 24.
- Pin, bolt, and other connecting device. B. B. Westcott. 1,926,925; Sept. 12.
- Pin connection, Wrist. E. S. MacPherson. 1,914,516; June 20.
- Pin extracting apparatus, King. W. M. Overfelt. 1,899,351; Feb. 28.
- Pin fastener. G. A. Holmes. 1,902,447; Mar. 21.
- Pin fastener. G. S. Maynard. 1,902,308; Mar. 21.
- Pin fastener. G. S. Maynard. 1,916,008; June 27.
- Pin for soft collars, Stiffener. F. J. Barnes. 1,902,153; Mar. 21.
- Pin for wearing apparel, Mirrored glass bow. J. Rosenberg. Des. 90,452; Aug. 8.
- Pin lock. G. W. Wildin. 1,898,071; Feb. 21.
- Pin, Making a tubular. W. J. Gagnon. 1,909,263; May 16.
- Pin motion. H. A. W. Wood. 1,937,456; Nov. 28.
- Pin package and method, Safety. E. D. Davis. 1,911,144; May 25.
- Pin removing tool. C. Hillard. 1,898,959; Feb. 21.
- Pin setting and ball returning device. R. L. Lloyd. 1,931,824; Oct. 24.
- Pin setting device. B. S. Igou. 1,913,673; June 13.
- Pin setting machine. W. White. 1,896,383; Feb. 7.
- Pin-setting machine. W. White, H. C. Petersen and W. H. Lansmith. 1,896,384; Feb. 7.
- Pin tumbler and permutation lock, Combined. U. Plagnerl. 1,937,165; Nov. 28.
- Pin tumbler lock. N. Littell. 1,896,319; Feb. 7.
- Pineapple tidbit machine. G. K. Shoji. 1,892,685; Jan. 3.
- Pine oil for the separation of components therefrom, Treating. I. W. Humphrey. 1,928,020; Sept. 26.
- Pins for artificial teeth. F. Maulen. 1,936,333; Nov. 21.
- Pins to metal belts, Apparatus for affixing. W. E. Whitney and E. A. Gallison. 1,928,714; Oct. 3.
- Pipe: See—
- Concrete pipe. Smoking pipe.
- Joint pipe. Smoking tobacco pipe.
- Sewer pipe. Spiral pipe.
- Shower pipe. Tobacco pipe.
- Smoker's pipe. Well pipe.
- Pipe. E. S. Boyer. 1,904,675; Apr. 18.
- Pipe. J. C. England. 1,921,073; Aug. 8.
- Pipe. L. B. Linkman. 1,896,800; Feb. 7.
- Pipe. J. H. Sherrard. 1,910,642; May 23.
- Pipe. L. Stern. 1,908,630; May 9.
- Pipe. L. Stern. 1,941,326; Dec. 26.
- Pipe. A. Torrese. 1,939,473; Dec. 12.
- Pipe. S. J. Welch. 1,927,105; Sept. 19.
- Pipe adjusting apparatus. L. M. Pearce. 1,907,862; May 9.
- Pipe and fin heater, Steel. C. T. Morse. 1,899,629; Feb. 28.
- Pipe and lighter, Combined smoking. R. R. Stone. 1,938,874; Dec. 12.
- Pipe and making the same. C. G. Naylor. 1,906,010; Apr. 25.
- Pipe and nut wrench. J. W. Beery. 1,924,393; Aug. 29.
- Pipe and tubing, Apparatus for producing electrically welded. W. Sykes. 1,920,900; Aug. 1.
- Pipe and tubular body. M. W. Tebyrica. 1,932,564; Oct. 31.
- Pipe, Apparatus for and method of extruding. W. B. Shirk, P. H. Brace, and N. C. Goin. 1,924,294; Aug. 29.
- Pipe, Apparatus for cutting. J. L. Anderson. 1,915,912; June 27.
- Pipe, Apparatus for cutting slots in. C. J. Coberly. 1,912,362; June 6.
- Pipe, Apparatus for end-to-end welding of. J. W. Free and R. Anderson. 1,922,913; Aug. 15.
- Pipe, Apparatus for molding. E. F. Stratton. 1,929,336; Oct. 3.
- Pipe, Apparatus for producing. C. G. Naylor. 1,915,029; June 20.
- Pipe, Apparatus for trimming. J. L. Anderson. 1,928,121; Sept. 26.
- Pipe bending apparatus. R. H. Henderson. 1,910,832; May 23.
- Pipe bending apparatus. G. Lidseen. 1,899,281; Feb. 28.
- Pipe-bending machine. F. Hilgers. 1,919,839; July 25.
- Pipe bends or the like, Making. A. J. Loepsinger. 1,908,373; May 9.
- Pipe bowls, Device for cleaning. K. Braun. 1,898,239; Feb. 21.
- Pipe, building tile, etc., for railway shipment, Loading of sewer. I. H. Spoor. 1,903,841; Apr. 18.
- Pipe casting apparatus, Centrifugal. S. B. Clark. 1,899,383; Feb. 28.
- Pipe clamp. R. S. Davis and W. L. Beauchamp. 1,916,968; July 4.
- Pipe clamp. G. Mustico. 1,928,570; Sept. 26.

- Pipe cleaner. B. Lewis and W. Joseph. 1,896,004; Jan. 31.
- Pipe cleaner, Tobacco. S. W. Barnes. 1,898,708; Feb. 21.
- Pipe cleaning and scraping equipment. W. A. Frank. 1,908,339; May 9.
- Pipe cleaning apparatus, Beer. F. Burkett and E. Taylor. 1,931,527; Oct. 24.
- Pipe cleaning device. H. Sachs. 1,936,119; Nov. 21.
- Pipe cleaning device. R. Smith. 1,903,915; Apr. 18.
- Pipe cleaning machine. E. H. Adams. 1,899,379; Feb. 28.
- Pipe-cleaning machine. C. J. Coberly and E. S. Croasdale. 1,927,391; Sept. 19.
- Pipe cleaning machine. F. E. Jinnett. 1,898,964; Feb. 21.
- Pipe cleaning machine. F. Kinzbach. 1,901,247; Mar. 14.
- Pipe cleaning tool. C. F. Hotchkiss, jr. 1,912,525; June 6.
- Pipe closure. G. H. Clevenger. 1,898,714; Feb. 21.
- Pipe closure. E. S. Lewis. 1,907,840; May 9.
- Pipe-closure device. J. H. Hirsch. 1,893,993; Jan. 10.
- Pipe coating machine. E. Jansen. 1,926,387; Sept. 12.
- Pipe coating machine. C. F. Morain. 1,909,882; May 16.
- Pipe connector. W. Goetzelman. 1,902,229; Mar. 21.
- Pipe connector, Automatic train. A. S. Johnson. 1,896,687; Feb. 7.
- Pipe connector, Automatic train. J. Robinson. 1,896,917-19; Feb. 7.
- Pipe connector, Automatic train. J. Robinson. 1,906,919; May 2.
- Pipe connector, Automatic train. J. Robinson. 1,908,866; May 16.
- Pipe connector, Automatic train. J. Robinson. 1,913,060; June 6.
- Pipe connector, Automatic train. J. Robinson. 1,921,297; Aug. 8.
- Pipe connector, Automatic train. J. Robinson. 1,921,482; Aug. 8.
- Pipe connector, Automatic train. J. Robinson. 1,925,724; Sept. 5.
- Pipe connector, Automatic train. J. Robinson. 1,930,183; Oct. 10.
- Pipe-connector head, Automatic train. G. E. Baldwin. 1,935,258; Nov. 14.
- Pipe connector head, Automatic train. M. A. Barber. 1,896,340; Feb. 7.
- Pipe connection. A. Kaminsky. 1,935,472; Nov. 14.
- Pipe connection, Threadless. F. J. Gibbons. 1,912,074; May 30.
- Pipe connections by inclosure. Insulating and packing. L. Cohen. 1,931,814; Oct. 24.
- Pipe construction. D. H. Hayden. 1,935,052; Nov. 14.
- Pipe construction and setting, Reinforced. H. Van Hooydonk. 1,910,153; May 23.
- Pipe conveyor roll. R. H. Stearns. 1,937,991; Dec. 5.
- Pipe coupler. L. H. Church. 1,927,390; Sept. 19.
- Pipe coupling. F. N. Bard. 1,920,545; Aug. 1.
- Pipe coupling. W. B. Damsel. 1,903,029; Mar. 28.
- Pipe coupling. S. V. Dillon. 1,930,194; Oct. 10.
- Pipe coupling. O. F. Durfey. 1,910,152; May 23.
- Pipe coupling. A. W. Durr. 1,926,197; Sept. 12.
- Pipe coupling. J. R. Gammeter. 1,898,623; Feb. 21.
- Pipe coupling. B. G. Howell and I. F. Stone. 1,916,479; July 4.
- Pipe coupling. J. H. Lamont. 1,920,512; Aug. 1.
- Pipe coupling. W. S. Lyness. 1,916,930; July 4.
- Pipe coupling. R. J. Parsons. 1,912,347; May 30.
- Pipe coupling. C. F. Schultis. 1,925,937; Sept. 5.
- Pipe coupling. P. H. Seward. 1,934,241; Nov. 7.
- Pipe coupling. H. F. Shindel. 1,915,552-3; June 27.
- Pipe coupling. S. N. Smith and J. F. Bemies. 1,906,826; May 2.
- Pipe coupling. H. D. Stecher. 1,921,709; Aug. 8.
- Pipe coupling. M. F. Waters. 1,905,324; Apr. 25.
- Pipe coupling. L. M. Young, S. Eusey, and D. E. Lindquist. 1,895,426; Jan. 24.
- Pipe coupling, Adjustable. G. S. Mann. 1,938,035; Dec. 5.
- Pipe coupling, Compression. W. D. Havens. 1,925,533; Sept. 5.
- Pipe coupling, Finger-released. G. V. Tomlinson. 1,907,614; May 9.
- Pipe coupling, Train. J. C. McCune. 1,901,917; Mar. 21.
- Pipe couplings, Making. F. H. Smith and H. A. Stringfellow. 1,911,775; May 30.
- Pipe covering. O. F. Mottweiler. 1,895,420; Jan. 24.
- Pipe covering. H. C. Smith. 1,907,307; May 2.
- Pipe cutter. J. T. Ellis. 1,919,881; July 25.
- Pipe cutter. M. Goebel. 1,897,374; Feb. 14.
- Pipe cutter. R. W. Howlett. 1,932,462; Oct. 31.
- Pipe cutter. W. S. Jones. 1,899,390; Feb. 28.
- Pipe cutter and valve inserting machine. A. Brandriff. 1,898,935; Feb. 21.
- Pipe cutter, Outside. D. H. Reed. 1,910,637; May 23.
- Pipe cutter, Outside. D. H. Reed. 1,925,404; Sept. 5.
- Pipe cutter, Outside. D. H. Reed. 1,936,643; Nov. 28.
- Pipe cutter, Portable. A. O. Brungardt, F. H. Morehead, and J. W. Morrissey. 1,902,616; Mar. 21.
- Pipe cutting and welding machine. D. W. Hickey. 1,925,383; Sept. 5.
- Pipe cutting appliance. H. Bansbach. 1,912,058; May 30.
- Pipe cutting machine. F. J. Douglass. 1,923,778; Aug. 22.
- Pipe elbows, Forming. J. Maroto. 1,923,272; Aug. 22.
- Pipe elbows, Making. J. H. Taylor. 1,931,306; Oct. 17.
- Pipe, Electrically butt welding sheet metal. H. J. Burdick. 1,930,263; Oct. 10.
- Pipe-end protector. W. C. Damsel. 1,934,681; Nov. 14.
- Pipe extensions, Making. M. G. Markle. 1,933,117; Oct. 31.
- Pipe facing tool. W. M. Neckerman. 1,904,950; Apr. 18.
- Pipe finishing method and apparatus. J. V. Caputo. 1,919,684; July 25.
- Pipe fitting. E. H. Kocher. 1,903,819; Apr. 18.
- Pipe fitting. J. H. Taylor. 1,936,805; Nov. 28.
- Pipe-fitting. L. A. Wiggins. 1,934,022; Nov. 7.
- Pipe fitting. L. A. Wiggins. 1,935,425; Nov. 14.
- Pipe fitting, Soil. T. P. McDermott. 1,928,628; Oct. 3.
- Pipe fittings, Device for the manufacture of. R. J. Heckel. 1,923,372; Aug. 22.
- Pipe fittings, Making. W. M. Robinson. 1,918,715; July 18.
- Pipe fittings, Making curved. J. H. Taylor. 1,916,645; July 4.
- Pipe fittings, Manufacture of. E. Brown. 1,903,436; Apr. 11.
- Pipe fittings, Method and blank for producing. J. S. Coe. 1,938,809; Dec. 12.
- Pipe for smoking tobacco. G. A. McClay. 1,910,927; May 23.
- Pipe forming machine. W. L. Enghauser. 1,939,770; Dec. 19.
- Pipe forming machine, Elastic. J. R. Montigel. 1,924,798; Aug. 29.
- Pipe grate and actuating tool. A. M. Bach. 1,934,340; Nov. 7.
- Pipe gripping device. A. G. Heggem. 1,908,421; May 9.
- Pipe handling device. J. A. Smith. 1,910,481; May 23.
- Pipe handling machine. R. L. Brown. 1,906,362; May 2.
- Pipe hanger. J. R. Hamilton. 1,937,654; Dec. 5.
- Pipe hanger. P. N. Kenway. 1,904,315; Apr. 18.
- Pipe hanger. A. C. Rowley. 1,898,898; Feb. 21.
- Pipe hanger for hardening rooms. V. Buhr. 1,939,538; Dec. 12.
- Pipe hangers, Making. W. H. Klauer. 1,898,878; Feb. 21.
- Pipe holder. T. W. Adair. 1,908,652; May 9.
- Pipe holder. T. W. Adair. 1,908,675; May 16.
- Pipe holder. A. Burr. 1,904,779; Apr. 18.
- Pipe holder. A. P. Fiske. 1,919,362; July 25.
- Pipe holding slip. L. C. Tibury. 1,907,633; May 9.
- Pipe insulation. G. R. Baumeister. 1,921,646; Aug. 8.
- Pipe joint. F. C. Armbruster. 1,926,422; Sept. 12.
- Pipe joint. F. N. Bard. 1,928,279; Sept. 26.
- Pipe joint. G. M. Eaton and H. J. Burnish. 1,927,656; Sept. 19.
- Pipe joint. J. P. Fisher. 1,937,881; Dec. 5.
- Pipe joint. P. G. Johnson. 1,899,695; Feb. 28.
- Pipe joint. A. Kosik. 1,907,397; May 2.
- Pipe joint. B. L. Lytell and W. D. Robinson. 1,927,987; Sept. 26.
- Pipe joint. L. H. Menne. 1,917,992; July 11.
- Pipe joint. A. W. Priebe. 1,903,315; Apr. 4.
- Pipe joint. C. L. Raymond. 1,923,504; Aug. 22.
- Pipe joint. L. J. Rollins. 1,903,852; Apr. 18.
- Pipe joint. H. B. Smith and C. F. Dixon. 1,935,673; Nov. 21.
- Pipe joint. H. A. Unke. 1,920,449; Aug. 1.
- Pipe joint. J. H. Walker and R. M. Van Duzer, jr. 1,939,936; Dec. 19.
- Pipe joint and forming same. L. E. Stephenson. 1,921,642; Aug. 8.
- Pipe joint clamp, Adjustable. J. H. Waldron. 1,940,983; Dec. 26.
- Pipe joint compound. H. Goldhagen and O. H. Cornelius. 1,917,027; July 4.
- Pipe joint, Making a welded. T. W. Greene. 1,939,772; Dec. 19.
- Pipe joint, Welded high pressure renewable. J. F. Filippi, C. A. M. Masek, and P. B. Levitt. 1,926,517; Sept. 12.
- Pipe joints, Making. J. K. Scott. 1,935,063; Nov. 14.
- Pipe junctures, Expansion equalizing means for. W. E. S. Dyer. 1,896,225; Feb. 7.
- Pipeline booster system. D. B. Marples. 1,904,320; Apr. 18.
- Pipe line. Screener equipped. B. S. Burrell. 1,903,774; Apr. 18.
- Pipe lines, etc., Locating buried. T. S. West. 1,893,311; Jan. 3.
- Pipe, Making. H. S. Holmes. 1,934,853; Nov. 14.
- Pipe, Making cementitious. M. Tada. 1,932,150; Oct. 24.
- Pipe, Making concrete. B. J. Ukropina. 1,895,740; Jan. 31.
- Pipe making machine. B. J. Ukropina. 1,938,231; Dec. 5.
- Pipe, Manufacture of butt weld. F. W. Crouch. 1,911,883; May 30.
- Pipe, Manufacture of welded spiral. H. W. Force. 1,929,415; Oct. 10.
- Pipe, Mechanism for constructing concrete. A. W. Schultz. 1,899,115; Feb. 28.
- Pipe, Method and apparatus for blasting. L. A. Camerota. 1,897,951; Feb. 14.
- Pipe, Method and apparatus for electrically welding. W. E. Crawford and W. F. Heineman. 1,934,409; Nov. 7.
- Pipe, Method and apparatus for molding concrete. C. M. Snyder. 1,904,094; Apr. 18.
- Pipe, Method and apparatus for welding. J. L. Anderson. 1,933,133; Oct. 31.
- Pipe or hose coupling. H. E. Malzard. 1,910,706; May 23.
- Pipe presses, particularly of lead cable presses Device for filling the receiver of. F. Hanff. 1,940,085; Dec. 19.
- Pipe protector. Drill. E. Craig and W. O. Cooper. 1,905,158; Apr. 25.
- Pipe pusher. J. W. Eckles. 1,916,466; July 4.

- Pipe rack. W. Cecil. 1,903,410; Apr. 4.
 Pipe rack. J. M. Frowenfeld. Des. 90,107; June 13.
 Pipe reinforcements and the like, Manufacturing concrete. C. G. Halkyard and C. Cosgrove. 1,928,534; Sept. 26.
 Pipe screen, irrigation. W. K. Levis. 1,905,919; Apr. 25.
 Pipe section. J. E. Trainer. 1,924,966; Aug. 29.
 Pipe shaping machine. E. R. Seward. 1,909,019; May 16.
 Pipe sleeve. L. E. Stephenson. 1,911,856; May 30.
 Pipe sleeve. W. E. Suchan. 1,908,796; May 16.
 Pipe stem joint, Flexible nonbreakable. O. M. Lerch. 1,921,530; Aug. 8.
 Pipe still furnace. D. G. Brandt. 1,894,215; Jan. 10.
 Pipe storage apparatus. E. W. Burgess. 1,940,242; Dec. 19.
 Pipe straightening apparatus. G. C. Holbert. 1,902,029; Mar. 21.
 Pipe structure. J. R. Sternaman. 1,901,420; Mar. 14.
 Pipe structures, Making. C. H. True. 1,924,891; Aug. 29.
 Pipe support. A. E. Axlund. 1,911,485; May 30.
 Pipe support. C. P. Harding and J. A. Shaw. 1,906,209; Apr. 25.
 Pipe, System for constructing. T. De La Mare. 1,910,504; May 23.
 Pipe table. M. Rosenkranz. 1,919,394; July 25.
 Pipe thread protector. L. G. Ponce. 1,906,093; Apr. 25.
 Pipe threading apparatus. J. V. Jardine. 1,936,112; Nov. 21.
 Pipe threading device. Q. O. Robinson and G. H. Goulden. 1,892,904; Jan. 3.
 Pipe tongs. J. C. Green. 1,922,128; Aug. 15.
 Pipe tongs. T. L. Lynch. 1,906,696; May 2.
 Pipe tool. W. R. Vosper. 1,938,987; Dec. 12.
 Pipe tool. W. R. and W. W. Vosper. 1,912,050; May 30.
 Pipe-trap cover. H. S. Wright. 1,904,340; Apr. 18.
 Pipe T's, Forming. J. H. Taylor. 1,892,712; Jan. 3.
 Pipe T's, Making. J. H. Taylor. 1,911,653; May 30.
 Pipe washing and clean out pump. E. Krieger. 1,903,735; Apr. 11.
 Pipe welding apparatus. M. Rosenkranz. 1,895,732; Jan. 31.
 Pipe welding, Induction electric. L. M. Correll. 1,937,945; Dec. 5.
 Pipe welding machine. G. F. McDougall. 1,906,987; May 2.
 Pipe welding machine, Spiral. J. H. and E. H. Taylor. 1,923,284; Aug. 22.
 Pipe wrapping machine. K. H. Burton and H. Kramer. 1,899,850; Feb. 28.
 Pipe wrapping machine. D. Finley. 1,920,901; Aug. 1.
 Pipe wrapping machine. D. Finley. 1,920,932; Aug. 1.
 Pipe wrapping machine. E. L. Rolfs. 1,917,197; July 4.
 Pipe wrench. A. B. Allen. 1,896,437; Feb. 7.
 Pipe wrench. F. Dixon. 1,936,353; Nov. 21.
 Pipe wrench. C. Fisher. 1,927,738; Sept. 19.
 Pipe wrench. J. R. Long. 1,932,113; Oct. 24.
 Pipe wrench. W. R. Moore. 1,933,512; Oct. 31.
 Pipe wrench. L. E. Peck. 1,922,496; Aug. 15.
 Pipe wrench. J. Slizus. 1,927,719; Sept. 19.
 Pipe wrench. S. Sorensen. 1,910,268; May 23.
 Pipe wrench. W. O. Thewes. 1,939,798; Dec. 19.
 Pipes and improved pipe-connecting system, Connecting. I. H. Kendall. 1,936,166; Nov. 21.
 Pipes and the like, Apparatus for orienting suspended. R. F. McLaughlin. 1,918,550; July 18.
 Pipes and the like, Extrusion of metal. P. Dunsheath. Re18,710; Jan. 10.
 Pipes and the like, Extrusion of metal. P. Dunsheath. 1,895,881; Jan. 31.
 Pipes, Apparatus for cleaning waste. B. C. Carmine. 1,938,064; Dec. 5.
 Pipes, Casting. S. B. Clark. 1,897,631; Feb. 14.
 Pipes, Device and method of forming tapered thread on. H. S. Ashmun. 1,911,598; May 30.
 Pipes, Device for cleaning waste and drain. D. G. and G. G. Carter. 1,900,275; Mar. 7.
 Pipes, electric cables, or the like, Protecting gas or water. P. F. Schade. 1,914,897; June 20.
 Pipes in wells, Apparatus for lowering. G. G. Harrington. 1,919,510; July 25.
 Pipes, Joining. W. H. Armacost. 1,935,041; Nov. 14.
 Pipes, Joining of. P. H. Wilson. 1,894,888; Jan. 17.
 Pipes, Method and apparatus for coating. J. B. W. Gardiner. 1,893,937; Jan. 10.
 Pipes, Method of and apparatus for joining. F. H. Smith and H. A. Stringfellow. 1,894,835; Jan. 17.
 Pipes, Molding of concrete and like. A. Rutenberg. 1,896,973; Feb. 7.
 Pipes or cables, Apparatus for laying drain. H. Sack. 1,904,666; Apr. 18.
 Pipes, Spraying. S. Bramsen and B. R. Sausen. 1,910,674; May 23.
 Pipes with caustic alkali pellets, Cleaning drain. E. T. Ladd. 1,928,226; Sept. 26.
 Piping. L. W. Saine and A. Hansen. 1,924,657; Aug. 29.
 Piping and the like. E. B. Luitwieler. 1,923,989; Aug. 22.
 Pistol, Air. E. G. Anson. 1,897,226; Feb. 14.
 Pistol, Automatic. W. C. Floyd. 1,911,494; May 30.
 Pistol handles, attachment for automatic. E. V. McCarty. 1,893,095; Jan. 3.
 Piston. J. C. Albright. 1,908,396; May 9.
 Piston. J. F. Bleser. 1,910,315; May 23.
 Piston. R. Chilton. 1,926,329; Sept. 12.
 Piston. J. S. Donaldson. 1,904,126; Apr. 18.
 Piston. H. S. Frank. 1,938,826; Dec. 12.
 Piston. P. M. Freer. 1,904,305; Apr. 18.
 Piston. W. Harper, jr. 1,916,978; July 4.
 Piston. W. R. Hewitt. 1,903,216; Mar. 28.
 Piston. F. Jardine. 1,936,607; Nov. 28.
 Piston. F. Jardine. 1,939,778; Dec. 19.
 Piston. E. Karasinski. 1,894,771; Jan. 17.
 Piston. H. Kaw and J. G. Collins. 1,898,730; Feb. 21.
 Piston. A. L. Leman. 1,927,460; Sept. 19.
 Piston. E. C. Lewis. 1,914,268; June 13.
 Piston. A. C. Matheson. 1,900,991; Mar. 14.
 Piston. G. L. Moore. 1,927,611; Sept. 19.
 Piston. A. L. Nelson. 1,928,842; Oct. 3.
 Piston. C. W. Purkey. 1,906,765; May 2.
 Piston. J. A. Soeer. 1,896,124; Feb. 7.
 Piston. M. O. Teetor. 1,921,643; Aug. 8.
 Piston alloy. E. Mable. 1,940,629; Dec. 19.
 Piston and connecting rod. A. E. Reid. 1,899,355; Feb. 28.
 Piston and connecting the connecting rod thereto. N. S. Eyanoff and S. Doichinoff. 1,898,872; Feb. 21.
 Piston and cylinder assembly. M. Birkigt. 1,938,566; Dec. 12.
 Piston and piston ring therefor. H. M. Bramberry. 1,903,396; Apr. 4.
 Piston and ring assembly. J. Williams. 1,908,718; May 16.
 Piston and ring therefor. W. H. Stine. 1,901,199; Mar. 14.
 Piston and rod connection. F. W. Parsons, sr. 1,909,004; May 16.
 Piston and wrist pin construction. C. A. Nevins. 1,903,191; Mar. 28.
 Piston, Antislip. N. T. Harrington. 1,910,915; May 23.
 Piston, Bimetal. L. C. Evon. 1,917,706; July 11.
 Piston closure for waterless gas holders. F. Einbeck and F. Schürmann. 1,924,029; Aug. 22.
 Piston, Composite. J. R. Cox. 1,905,157; Apr. 25.
 Piston, Composite. R. R. Teetor. 1,929,831; Oct. 10.
 Piston compressor, High speed. R. Meyer. 1,935,856; Nov. 21.
 Piston construction. J. F. Bleser. 1,929,475; Oct. 10.
 Piston construction. W. J. Lucas. 1,901,312; Mar. 14.
 Piston construction. S. E. Meyer. 1,898,845; Feb. 21.
 Piston construction. H. E. Muchnic. 1,930,654; Oct. 17.
 Piston construction. J. W. Reger. 1,926,960; Sept. 12.
 Piston construction. W. B. Towell. 1,933,943; Nov. 7.
 Piston construction. A. C. Van Hooydonk. 1,921,996; Aug. 8.
 Piston for Diesel engines, Trunk. C. G. Curtis. 1,921,607; Aug. 8.
 Piston for double acting internal combustion engines. G. Pielstick. 1,922,393; Aug. 15.
 Piston for gasoline engines. J. N. Littrell. 1,909,775; May 16.
 Piston for internal combustion engines. O. Baur. 1,901,838; Mar. 14.
 Piston head. V. W. Ellet. 1,925,797; Sept. 5.
 Piston head guard. J. H. Price. 1,900,521; Mar. 7.
 Piston lock, Brake cylinder. B. H. Thompson. 1,914,624; June 20.
 Piston lubricating structure. L. J. McKone. 1,910,902; May 23.
 Piston machines, Crosshead guide for. G. Pielstick. 1,915,332; June 27.
 Piston, Metered kerf. Z. A. Bruegger. 1,911,103; May 23.
 Piston motor. W. Zwick. 1,917,180; July 4.
 Piston, packing, and the like. M. G. Kurth. 1,920,470; Aug. 1.
 Piston pin. C. M. Bovard. 1,898,169; Feb. 21.
 Piston pin. H. I. Dyer. 1,936,158; Nov. 21.
 Piston, Plated. C. E. Summers. Re18,814; May 2.
 Piston, Pump. D. B. Evans. 1,917,639; July 11.
 Piston, Pump. W. F. McMahon. 1,905,181; Apr. 25.
 Piston pump, Rotary. K. Stelzer. 1,934,890; Nov. 14.
 Piston ring. C. W. Clark. 1,904,410; Apr. 18.
 Piston ring. C. L. Cummins. 1,939,163; Dec. 12.
 Piston ring. J. G. Elkin. 1,927,825; Sept. 26.
 Piston ring. H. F. Gray and C. Wenzel. 1,923,573; Aug. 22.
 Piston ring. N. T. Harrington. 1,910,916-17; May 23.
 Piston ring. A. E. Johnson. 1,906,272; May 2.
 Piston ring. C. E. Johnson. 1,932,737; Oct. 31.
 Piston ring. C. A. Marien. 1,915,543; June 27.
 Piston ring. J. Mellor. 1,918,707; July 18.
 Piston ring. A. W. Morton. 1,894,000; Jan. 10.
 Piston ring. B. W. Paton. 1,919,183; July 18.
 Piston ring. L. N. Stehr. 1,897,648; Feb. 14.
 Piston ring. E. Tyden. 1,898,797; Feb. 21.
 Piston ring. F. W. Wilkening. 1,911,735-6; May 30.
 Piston ring and making the same, Quick-seating. W. Wuerfel and H. H. Platt. 1,913,136; June 6.
 Piston ring applier. L. G. Wheat. 1,910,729; May 23.
 Piston ring arbor. T. E. McFall. 1,906,389; May 2.
 Piston ring arbor, Knurled. T. E. McFall. 1,919,239; July 25.
 Piston ring closing fixture. J. E. Porter. 1,897,397; Feb. 14.
 Piston ring compressor. S. B. Bussinger. 1,901,224; Mar. 14.
 Piston ring compressor. G. F. Cremer and R. N. Smith. 1,916,827; July 4.
 Piston ring inserter. M. J. Koza. 1,892,989; Jan. 3.
 Piston ring joints, Making. A. W. Morton. 1,930,557; Oct. 17.
 Piston ring milling machine. T. J. Bruce. 1,900,755; Mar. 7.

- Piston ring snagging machine. R. A. Haegg. 1,902,164; Mar. 21.
- Piston ring spreader. C. E. Johnson. 1,922,369; Aug. 15.
- Piston ring tool. J. Sunnen. 1,930,667; Oct. 17.
- Piston rings, Apparatus for fitting the ends of. C. E. Daniels. 1,916,783; July 4.
- Piston rings, Device for turning. A. Abramson. 1,901,942; Mar. 21.
- Piston rings, Making. W. J. Six. 1,933,568; Nov. 7.
- Piston rings, Treating. M. B. Covert. 1,893,274; Jan. 3.
- Piston rod assembly. M. Birkigt. 1,927,768; Sept. 19.
- Piston rod for double acting engines, Cooled. H. Becker. 1,915,284; June 27.
- Piston, Self-centering expansion. J. Huff. 1,929,495; Oct. 10.
- Piston skirt expander. C. W. Prochaska. 1,921,429; Aug. 8.
- Piston slap in internal combustion engines, Device for reducing. D. M. Solenberger. 1,920,114; July 25.
- Piston, Steel strut aluminum. R. E. Rasmussen. 1,909,633; May 16.
- Piston tool. P. D. Reynolds. 1,902,722; Mar. 21.
- Piston, Trunk. J. Flammang and P. L. Bowser. 1,898,296; Feb. 21.
- Piston turning and grinding machine. A. Storm and T. Thorsen. 1,907,938; May 9.
- Piston with cooling effect. A. Gazda. 1,905,582; Apr. 25.
- Piston wrist pin retainer. B. Dick. 1,930,959; Dec. 19.
- Pistons for shock absorbers, Making. R. F. Peo. 1,940,694; Dec. 26.
- Pistons, Making. A. A. Handler. 1,936,598; Nov. 28.
- Pistons, Oil ring for. F. Deutsch. 1,894,672; Jan. 17.
- Pitch and coal in a by-product coke oven battery, Procedure of coking. W. Tiddy. 1,940,893; Dec. 26.
- Pitch, Apparatus and process for cutting back. G. E. McCloskey. 1,917,384; July 11.
- Pitch, Coking. M. L. Hamlin. 1,935,317; Nov. 14.
- Pitch composition and making same. S. P. Miller. 1,925,150; Sept. 5.
- Pitch compound and making the same, Plasticized. F. C. Langenberg, H. S. Hunt, and H. G. Reddick. 1,911,131; May 23.
- Pitch gauge. W. E. Pack. 1,900,197; Mar. 7.
- Pitch, Production of. G. E. McCloskey. 1,907,078; May 2.
- Pitch propeller, Adjustable. F. Charavay. 1,924,349; Aug. 29.
- Pitch propeller, Automatic variable. C. W. Lambert. 1,913,123; June 6.
- Pitch propeller, Automatic variable. C. W. Lambert. 1,924,061; Aug. 22.
- Pitch propeller, Automatic variable. C. W. Lambert. 1,931,533; Oct. 24.
- Pitch propeller, Controllable. W. F. Stimpson and M. K. Patten. 1,897,445; Feb. 14.
- Pitch propeller, Selective. L. J. Kozub. 1,936,677; Nov. 28.
- Pitch propeller, Variable. M. J. B. Barbarou. 1,920,674; Aug. 1.
- Pitch propeller, Variable. C. L. Heisler. 1,910,246; May 23.
- Pitch propeller, Variable. E. Kohlstedt. 1,915,465; June 27.
- Pitch propeller, Variable. D. G. Lilley. 1,894,048; Jan. 10.
- Pitch propeller, Variable. M. M. Munk. 1,914,754; June 20.
- Pitch propeller, Variable. E. A. Sperry. 1,907,014; May 2.
- Pitch propeller, Variable. F. J. Wingler. 1,940,200; Dec. 19.
- Pitch propellers, Mechanical combination for reversible. V. Paquit. 1,897,817; Feb. 14.
- Pitch with fatty acid pitch, Blending wood. L. J. Figg, jr. 1,933,796; Nov. 7.
- Pitcher, Coffee. A. F. Fukal. Des. 90,026; May 30.
- Pitcher or analogous article, Cream. H. Negbaur. Des. 89,529; Mar. 21.
- Pitcher or similar article. C. B. Ilgenfritz. Des. 89,525; Mar. 21.
- Pitcher or similar article, Cream. P. C. Tietz. Des. 91,091; Nov. 21.
- Pitchometer, Direct-reading. B. O. Godfrey. 1,932,103; Oct. 24.
- Pitman. E. F. Huddle. 1,933,909; Nov. 7.
- Pitman. T. W. Paul. 1,927,804; Sept. 19.
- Pitman attachment. C. F. Hover. 1,909,917; May 16.
- Pitman construction. J. R. Mahan. 1,896,549; Feb. 7.
- Pitman for agricultural implements. E. F. Huddle. 1,901,968; Mar. 21.
- Pitman for harvesting machines. C. J. Frederiksen. 1,907,055; May 2.
- Pitman, Quick detachable. L. J. Black. 1,893,485; Jan. 10.
- Pitter, Fruit. J. J. Nevills. 1,937,905; Dec. 5.
- Pitter, Fruit. F. Robbins. 1,915,447; June 27.
- Pitting device. H. L. Boynton. 1,936,184; Nov. 21.
- Pivot joint. A. J. Jansson. 1,897,806; Feb. 14.
- Placard. H. V. Marsh. 1,905,927; Apr. 25.
- Placard. H. V. Marsh. 1,938,919; Dec. 12.
- Placard or similar article. C. T. Colner. Des. 90,793½; Sept. 26.
- Plait forming apparatus. F. W. Brintnall. 1,903,618; Apr. 11.
- Plaited work, Manufacturing. G. Bockmann. 1,925,516; Sept. 5.
- Plaiting device. M. Hamilton and G. J. Sutton. 1,936,668; Nov. 28.
- Plaiting machine. L. E. McDonough. 1,923,158; Aug. 22.
- Plane. E. V. Higbee. 1,918,750; July 18.
- Plane, Carpenter's. C. J. MacAller. 1,914,609; June 20.
- Plane, Carpenter's. C. J. MacAller. 1,929,504; Oct. 10.
- Plane covering fastener. E. H. White. 1,896,130; Feb. 7.
- Plane, Folding wing. J. H. Gindlberger. 1,928,336; Sept. 26.
- Plane, Multiple cutter. J. Calleja. 1,911,179; May 30.
- Plane, Subgrade. H. L. Kistler and P. J. Trompeter, jr. 1,917,130; July 4.
- Plane, Training. W. C. Ocker. 1,899,104; Feb. 23.
- Plane, Vacuum propeller. O. C. Krogh. 1,896,089; Feb. 7.
- Planer and cleaner, Butcher's block. J. G. Matthews. 1,899,204; Feb. 28.
- Planer heads, Setting. W. S. Klay. 1,931,730; Oct. 24.
- Planer, Subgrade. E. H. Lichtenberg and W. A. Nelson. 1,893,559; Jan. 10.
- Planetary ball mill. J. Crites. 1,912,761-2; June 6.
- Planimeter. P. E. Lehr. 1,892,957; Jan. 3.
- Planographic printing. H. N. Durham. 1,895,125; Jan. 24.
- Planographic printing process. V. Dietz. 1,892,875; Jan. 3.
- Planographic printing process. V. Dietz. 1,893,163; Jan. 3.
- Plant. V. G. Lucas. Pl. Pt. 81; Nov. 14.
- Plant and apparatus for making paper. J. K. Darby. 1,939,337; Dec. 12.
- Plant construction. J. F. Laboon and F. B. Barns. 1,903,510; Apr. 11.
- Plant cultivating and distributing apparatus and method. D. W. O'Brien. 1,912,914; June 6.
- Plant eradicator. G. G. Conner. 1,909,613; May 16.
- Plant, Evergreen. W. R. Gray. Pl. Pt. 54; Jan. 31.
- Plant fiber material by cooking with phenolates, Decomposing. O. H. Strecker. 1,902,916; Mar. 23.
- Plant for manufacturing chlorination products of caoutchouc. W. Beckmann, M. Deseniss, and A. Nielsen. 1,918,370; July 18.
- Plant for preparing fodder from plants. L. and J. Elrich. 1,930,422; Oct. 10.
- Plant for the carbonization of coal, and like material. S. R. Illingworth. 1,923,209; Aug. 22.
- Plant for utilizing waste heat. H. Kemmer. 1,930,076; Oct. 24.
- Plant growth, Influencing. W. Schoeller and H. Goebel. 1,929,079; Oct. 3.
- Plant growth, Promoting. G. G. Nearing. 1,900,193; Mar. 7.
- Plant, Illuminated artificial. J. Frei, jr. 1,921,614; Aug. 8.
- Plant juices and extracts, Treating. J. J. Willaman and Z. I. Kertesz. 1,932,833; Oct. 31.
- Plant killer. H. R. Offord and G. R. Van Atta. 1,913,141; June 6.
- Plant lifter for cotton harvesters. E. A. Johnston. 1,926,338; Sept. 12.
- Plant or installation for extracting dust from minerals such as coal. S. Hunter. 1,903,046; Mar. 28.
- Plant package and making and transplating the same. J. T. Lovett, jr. 1,923,677; Aug. 22.
- Plant product, Decorative. B. Meis. 1,935,514; Nov. 14.
- Plant propagator, Electromechanical. R. R. Parks. 1,912,300; May 30.
- Plant protector. B. W. Flanders. 1,910,828; May 23.
- Plant protector. O. B. Morgan. 1,926,053; Sept. 12.
- Plant protector. W. R. Schindler. 1,910,501; May 23.
- Plant protector and making it. W. R. Schindler. 1,929,903; Oct. 10.
- Plant spraying apparatus. H. J. Houpert. 1,923,266; Aug. 22.
- Plant spraying machine. M. J. Phalen. 1,906,013; Apr. 25.
- Plant support. J. W. Bauer. 1,898,164; Feb. 21.
- Plant support. E. F. Lein. 1,932,790; Oct. 31.
- Plant support. O. A. Muller. 1,893,335; Jan. 3.
- Plant support. G. C. Pederson. Des. 90,140; June 13.
- Plant support. G. C. Pederson. Des. 90,165; June 20.
- Plant support. H. J., Jr., and E. P. Vaars. 1,911,979; May 30.
- Plant surfaces, Treatment of living. C. N. Pillsbury. 1,931,325; Oct. 17.
- Planter. S. C. Pattin. 1,911,923; May 30.
- Planter and cultivator, Combination. H. E. Altgelt. 1,918,950; July 18.
- Planter and fertilizer distributor, Combined. C. H. White. 1,906,351; May 2.
- Planter attachment, Corn. L. A. McGlinch. 1,924,509; Aug. 29.
- Planter attachment for tractors. W. F. Wamhoff and W. H. Thompson. 1,902,924; Mar. 28.
- Planter, Check row. J. H. Pinson. 1,902,891; Mar. 28.
- Planter, Corn. C. W. Lanham. 1,917,654; July 11.
- Planter, Corn. R. O. Newell. 1,898,847; Feb. 21.
- Planter, Cotton. G. F. Johnson. 1,933,061; Oct. 31.
- Planter, Onion set. C. Dekker. 1,926,476; Sept. 12.
- Planter, Potato. F. H. Bateman and I. Trolley. 1,912,248; May 30.
- Planter, Seed. A. T. Mobley. 1,931,353; Oct. 17.
- Planter, Seed. P. S. Palmer. 1,928,908; Oct. 3.
- Planter, Seed. C. T. Ray. 1,903,836; Apr. 18.

- Planter, Seed. C. T. Ray. 1,933,515; Oct. 31.
 Planter, Tractor. B. R. Benjamin and W. S. Graham. 1,899,931; Mar. 7.
 Planting machine. F. and D. Vega y Vega. 1,932,758; Oct. 31.
 Planting tool. J. P. Croasdale and J. A. Roberts. Des. 89,682; Apr. 25.
 Plants and composition for use therein, Stimulating or rejuvenating. W. H. Volck. 1,914,903; June 20.
 Plants for the recovery of the fibers thereof, Treatment of fibrous. B. B. Wood. 1,938,060; Dec. 5.
 Plants from frost and for the repression of vermin by artificial fog, Procedure and device for the protection of. U. Müller. 1,930,904; Oct. 17.
 Plants grown under glass, Method and apparatus for pollinating. W. Lafferty. 1,923,217; Aug. 22.
 Plants, Inbreeding and cross-breeding for finer qualities in. W. Eggert, jr. 1,914,364; June 20.
 Plants, Method and apparatus for treating. H. C. Lassen and H. Dahl. 1,912,209; May 30.
 Plants, parts of plants, and raw fibers, Treatment of. H. Plant. 1,918,558; July 18.
 Plaster, Acoustic. H. E. Brookby. 1,938,803; Dec. 12.
 Plaster, Acoustic. L. B. Eaton. 1,906,123; Apr. 25.
 Plaster, Acoustic. C. K. Roos. Re18,739; Feb. 14.
 Plaster, Acoustical. L. B. Eaton. 1,937,011; Nov. 28.
 Plaster, Acoustical. J. S. Offutt. 1,900,866; Mar. 7.
 Plaster and making same, Gypsum. G. F. Moore. 1,937,292; Nov. 28.
 Plaster base. W. F. Schulz. 1,930,984; Oct. 17.
 Plasterboard and manufacturing same. G. D. King and J. S. Offutt. 1,937,967; Dec. 5.
 Plaster board, Apparatus for handling green. J. J. Sylva. 1,940,154; Dec. 19.
 Plaster board, Making. F. J. Gough. 1,915,603; June 27.
 Plaster board or other panel structure. E. F. Venzie. 1,899,653; Feb. 28.
 Plaster-channel installation for screen guides. H. Dixon. Re18,716; Jan. 17.
 Plaster composition. J. S. Offutt. 1,897,956; Feb. 14.
 Plaster decorating tool. F. Ambrosio. 1,909,562; May 16.
 Plaster foundation. W. F. Schulz. 1,915,336; June 27.
 Plaster materials, Means for applying. H. A. Conley. 1,918,799; July 18.
 Plaster, Model. W. S. Randel. 1,901,056; Mar. 14.
 Plaster of Paris, Manufacture of. W. S. Raniel. 1,941,188; Dec. 26.
 Plaster terminal. I. A. Baum. 1,924,971; Aug. 29.
 Plastering machine. H. A. Conley. 1,895,608; Jan. 31.
 Plastering support. J. O. Oliver. 1,904,245; Apr. 18.
 Plasters, Making corn. G. H. Perryman. 1,909,841; May 16.
 Plastic acoustic pulp. M. Valdastrì. 1,932,807; Oct. 31.
 Plastic and making same. J. V. Meigs. 1,908,485; May 9.
 Plastic and resinous composition of matter and making same. T. S. Carswell. 1,924,396; Aug. 29.
 Plastic art and the product thereof. E. W. Gilbert. 1,927,546; Sept. 19.
 Plastic articles, Molding of. G. K. Scribner. Re19,000; Nov. 14.
 Plastic articles, Molding of. G. K. Scribner. 1,916,692; July 4.
 Plastic composition. D. M. Gray. 1,904,445; Apr. 18.
 Plastic composition. H. Hopkinson and J. G. Britton. 1,902,803; Mar. 21.
 Plastic composition. J. Keeth. 1,926,543; Sept. 12.
 Plastic composition. M. J. L. Ledru, F. Bidaud, and P. Berger. 1,937,280; Nov. 28.
 Plastic composition, containing cellulose derivatives. J. F. Walsh, H. E. Smith, and A. F. Caprio. 1,927,143; Sept. 19.
 Plastic composition, Producing. C. T. G. Lindh. 1,892,703; Jan. 3.
 Plastic mass. C. Schönburg. 1,919,575; July 25.
 Plastic mass and making same. M. Landecker. 1,904,244; Apr. 18.
 Plastic masses, petrifying after the setting, Producing. H. E. S. De La Roche. 1,922,473; Aug. 15.
 Plastic material and producing the same, Colored. A. Albright, 3d. 1,898,515; Feb. 21.
 Plastic material and timing mechanism therefor, Apparatus for treating. R. W. Allen. 1,932,200; Oct. 24.
 Plastic material, Anhydrite. H. K. Linzell. 1,898,636; Feb. 21.
 Plastic material containing derivatives of cellulose. J. F. Walsh and A. F. Caprio. 1,930,069; Oct. 10.
 Plastic material, Curing of pyroxylin. G. H. Murray. 1,928,260; Sept. 26.
 Plastic material, Decorating. W. O. Kenyon and C. J. Staud. 1,933,810; Nov. 7.
 Plastic material, Forming decorative. J. H. Hooton. 1,936,980; Nov. 28.
 Plastic material from mills, Apparatus for removing and conveying. C. Slusser. 1,908,564; May 9.
 Plastic material, Making. J. Edge. 1,901,024; Mar. 14.
 Plastic material manufacture. L. C. Bonnot. 1,931,371; Oct. 17.
 Plastic material to form uniform pieces, Shaping, feeding, and cutting. A. Russell. 1,936,267; Nov. 21.
 Plastic materials, Artificial dispersion of. R. T. Halstead. 1,932,661; Oct. 31.
 Plastic materials, Method of and apparatus for working. F. W. Preston. 1,913,455; June 13.
 Plastic materials, Molding. H. D. Geyer. 1,935,794; Nov. 21.
 Plastic of high sulphur content and making the same. C. Ellis. 1,927,929; Sept. 26.
 Plastic or coating, Composition. A. O. Jaeger. 1,892,769; Jan. 3.
 Plastic or coating composition. A. O. Jaeger. 1,892,784; Jan. 3.
 Plastic or semi-fluid substances, Apparatus for depositing. A. Kremmling. 1,903,570; Apr. 11.
 Plastic product and producing same. L. R. Jones. 1,917,038; July 4.
 Plastic stock manipulating apparatus. F. J. MacDonald. 1,924,210; Aug. 29.
 Plastic strip material, Apparatus for forming. T. B. Farrington. 1,919,361; July 25.
 Plastic surface, Decorative. M. M. Assael. 1,909,514; May 16.
 Plasticizers from cellulose and like plastic compositions, Recovering. H. P. Bassett. 1,933,205; Oct. 31.
 Plastics, Method and machine for extruding. T. F. Mooney. 1,898,381; Feb. 21.
 Plate. E. L. Schnepf. Des. 89,860; May 9.
 Plate and making same, Corrosion resistant metal. A. E. Maskrey. 1,896,411; Feb. 7.
 Plate, Birthday cake. H. Cunningham. 1,935,831; Nov. 21.
 Plate clutch. G. E. Stanley. 1,927,995; Sept. 26.
 Plate construction for tray compartments, Front. H. A. Greenwald. 1,897,192; Feb. 14.
 Plate covering and attachment. J. F. Duffy. 1,905,372; Apr. 25.
 Plate, Dentist's mixing. C. J. McCann. 1,904,766; Apr. 18.
 Plate for friction clutches, Driven. D. E. Gamble. 1,912,703; June 6.
 Plate for outboard motors, Anticavitation. D. W. King and A. L. Lockwood. Re18,921; Aug. 22.
 Plate for power's projection machine, Aperture. A. Dina. 1,898,173; Feb. 21.
 Plate girder. W. H. Weiskopf and J. W. Pickworth. 1,906,683; May 2.
 Plate graining machine. W. F. Huck. 1,925,963; Sept. 5.
 Plate grinding machine. S. P. Mermer. 1,937,091; Nov. 28.
 Plate, Heating. F. Jolas. 1,897,197; Feb. 14.
 Plate holder, Depthograph. C. W. Kanolt. 1,900,566; Mar. 7.
 Plate or other article of hollow-ware. E. T. Beck. Des. 90,937; Oct. 31.
 Plate or panel with inscriptions or designs. J. Passeur and R. Germain. 1,909,220; May 16.
 Plate or similar article. A. R. Apple. Des. 89,735; May 2.
 Plate or similar article. Y. Buma. Des. 89,482-8; Mar. 21.
 Plate or similar article. Y. Buma. Des. 89,490-501; Mar. 21.
 Plate or similar article. H. Moller. Des. 90,374; July 25.
 Plate or similar article. A. C. Scavullo. Des. 88,932; Jan. 3.
 Plate or similar article. H. J. Wain. Des. 90,742; Sept. 19.
 Plate or similar article. G. Wesp. Des. 89,522; Mar. 21.
 Plate or similar article, Compartment. E. Worthington. Des. 88,946; Jan. 3.
 Plate or similar article of pottery. S. E. Thompson. Des. 91,182; Dec. 12.
 Plate, Paper pulp. E. Huff. 1,938,909; Dec. 12.
 Plate positioning device. H. A. W. Wood. 1,937,455; Sept. 12.
 Plate, Rapping. M. T. Ruddy. 1,926,179; Sept. 12.
 Plate surface. C. Bateholts. 1,901,837; Mar. 14.
 Plate washing, Pie. D. W. Smith. 1,921,267; Aug. 8.
 Plate, Wood. K. Winkler. 1,903,076; Mar. 28.
 Platen for printing and addressing machines. C. C. McCain. 1,919,958; July 25.
 Platen lifting device for calculating machines, Foot operated. L. Moussier. 1,918,416; July 18.
 Platen, Manifolding. E. K. Bottle. 1,938,371; Dec. 5.
 Platen roll release for hectograph machines. H. Jagger. 1,933,174; Oct. 31.
 Platen travel equalizer, Hydraulic press. W. Ernst. 1,900,050; Mar. 7.
 Plates for deadening noises and vibrations, Producing isolating. E. Schluter. 1,918,140; July 11.
 Plates for timepieces, movement. J. R. Putnam. 1,918,057; July 11.
 Plates, Making curved composite glass. J. H. Sherts and J. Willits. Re18,913; Aug. 22.
 Plates, section pieces or the like from phenol-formaldehyde artificial resins, Process and device for the manufacture of. K. Raschig and M. Koebner. 1,934,817; Nov. 14.
 Platform and blackboard, Folding. H. C. Reuter. 1,912,096; May 30.
 Platform construction, Movable. J. Rice. 1,918,427; July 18.
 Platform, Detachable. H. A. Silvernail. 1,898,504; Feb. 21.
 Platform elevating mechanism. S. B. Winn. 1,915,143; June 20.
 Platform for lift trucks. R. B. Taylor and L. L. Guinn. 1,918,003; July 11.
 Platform of a tilted body, Self-leveling. W. H. Heise. 1,901,029; Mar. 14.

- Platform or like attachment for vehicles, Loading. A. C. Stewart and J. Campbell. 1,916,869; July 4.
- Platform, Plurality part side drop truck. A. B. Jarvis. 1,929,818; Oct. 10.
- Platform scale casing. R. E. Vanderhoff. Des. 91,255; Dec. 26.
- Platform, Skid. C. W. Ulsh. 1,934,389; Nov. 7.
- Platform, Telegraph typewriter pasting. J. J. Gilligan and H. B. Starr. 1,893,518; Jan. 10.
- Platform, Transporting. T. P. Wyman, jr. 1,897,598; Feb. 14.
- Platform, Truck. S. J. Pehrsson. 1,908,783; May 16.
- Platform, Window. J. Goch. 1,938,747; Dec. 12.
- Platinates and their manufacture, Alkali metal. A. R. Powell, E. C. Davies, and A. W. Scott. 1,906,179; Apr. 25.
- Plating. W. R. Stocking. 1,922,005; Aug. 8.
- Plating, Effecting reverse. J. and K. H. Lawson. 1,897,130; Feb. 14.
- Platinum and its bimetals from mattes, Recovery of. G. Bauer. 1,896,807; Feb. 7.
- Platinum, Electrodisposition of. A. R. Powell and A. W. Scott. 1,901,531; Mar. 14.
- Platinum plating baths, Preparation and operation of. A. R. Powell, E. C. Davies, and A. W. Scott. 1,906,178; Apr. 25.
- Playboard. S. Yasuda. 1,900,005; Mar. 7.
- Playground apparatus. J. F. Patterson. 1,916,809; July 4.
- Playground apparatus. J. F. Patterson. 1,929,822; Oct. 10.
- Playground device. W. E. Haskell. 1,901,964; Mar. 21.
- Playground unit. P. H. Connelly. 1,914,555; June 20.
- Play horse. E. Breaute. 1,914,732; June 20.
- Playhouse. J. E. Bumann. 1,936,571; Nov. 28.
- Playhouse, Collapsible. W. E. Bowersock and H. M. Fancher. 1,918,375; July 18.
- Playhouse, Knockdown. M. M. Reynolds. 1,907,119; May 2.
- Play pen and sun bath, Collapsible. H. I. Brockie. 1,900,274; Mar. 7.
- Playing ball. W. D. Craig. 1,900,544; Mar. 7.
- Playing surfaces. L. H. Steward. 1,906,494; May 2.
- Pliers. G. M. Clifton. 1,915,404; June 27.
- Pliers. R. G. Dripps. 1,895,314; Jan. 24.
- Pliers. F. D. Saylor. 1,939,574; Dec. 12.
- Pliers. F. Sievern. 1,902,913; Mar. 28.
- Pliers, Circular grip. M. T. Clark. 1,910,750; May 23.
- Pliers for rolled edge upholster. Wire. M. C. Phenix. 1,911,036; May 23.
- Plotting device. W. B. McCollum. 1,937,831; Dec. 5.
- Plotting instrument. W. D. Alexander. 1,933,835; Nov. 7.
- Plow. R. I. Adams. 1,909,647; May 16.
- Plow. C. P. Burch. 1,892,978; Jan. 3.
- Plow. G. B. Fisher. 1,900,701; Mar. 7.
- Plow. E. Fraser. 1,897,695; Feb. 14.
- Plow. S. M. Madill. 1,912,039; May 30.
- Plow. J. Nuernberger and L. Besuch. 1,934,321; Nov. 7.
- Plow. J. R. Orellind. 1,915,866; June 27.
- Plow. W. L. Paul. 1,915,379; June 27.
- Plow. W. L. Paul. 1,926,401; Sept. 12.
- Plow. W. H. Silver. 1,913,004; June 6.
- Plow. C. G. Strandlund. 1,892,753; Jan. 3.
- Plow. C. G. Strandlund. 1,928,955; Oct. 3.
- Plow. C. G. Strandlund and S. M. Madill. 1,922,222; Aug. 15.
- Plow. E. L. Willson and J. H. Taylor. 1,918,730; July 18.
- Plow attachment. L. G. Schoenleber and A. H. Graves. 1,929,957; Oct. 10.
- Plow attachment for tractors. W. S. Graham. 1,902,846; Mar. 28.
- Plow, Disk. J. E. Boda. 1,926,326; Sept. 12.
- Plow for wetting the plowshare. K. G. Stark. 1,897,444; Feb. 14.
- Plow guiding means. C. J. Vlardi. 1,896,532; Feb. 7.
- Plow, Hot. W. H. Ledbetter. 1,927,177; Sept. 19.
- Plow, Sand trap. F. R. Donoho. 1,926,973; Sept. 12.
- Plowshare attachment. C. L. Tomlinson. 1,925,779; Sept. 5.
- Plow, Snow. E. B. Meyer. 1,918,771; July 18.
- Plow, Sweep. J. R. Kovar. 1,908,903; May 16.
- Plow, Tractor. W. S. Graham and A. D. Gallagher. 1,902,845; Mar. 28.
- Plow, Weed or quack grass. M. J. Petersen. 1,919,705; July 25.
- Plow, Wheeled. H. N. Western. 1,914,933; June 20.
- Plows, Automatic depth control for. C. G. Strandlund. 1,901,134; Mar. 14.
- Plows, Stalk cutter attachment for disk. A. W. Kubica. 1,910,772; May 23.
- Plows, Weed turner for. A. C. Tegtmeyer. 1,896,566; Feb. 7.
- Plug; See—
- Anchor plug.
 - Appliance plug.
 - Attachment plug.
 - Automatic contact plug.
 - Automatic filling plug.
 - Bridging plug.
 - Catamenial plug.
 - Cementing plug.
 - Choke plug.
 - Connector plug.
 - Core plug.
 - Drop plug.
 - Electric attachment plug.
 - Electric connection plug.
 - Electric cord plug.
 - Electric plug.
 - Electrical attachment plug.
 - Electrical fuse plug.
 - Electrical plug.
 - Fuse plug.
 - Fused disconnecting plug.
 - Fused electrical plug.
 - Glow plug.
 - Indicating fuse plug.
 - Light plug.
 - Magazine fuse plug.
 - Multiple fuse plug.
 - Receptacle cap plug.
 - Safety blasting plug.
 - Safety contact plug.
 - Safety plug.
 - Shielded spark plug.
 - Socket plug.
 - Spark plug.
 - Sparking plug.
 - Stopper plug.
 - Switch equipped plug.
 - Switch plug.
 - Vent plug.
 - Weatherproof plug.
 - Wall plug.
 - Waste pipe plug.
- Plug and constructing the same, Strainer. C. W. Spohr. 1,909,022; May 16.
- Plug and fuse, Combination. A. J. Friesel. 1,900,926; Mar. 14.
- Plug and inserting quill and connecting the same. W. M. Anderson. 1,897,028; Feb. 14.
- Plug and receptacle, One-piece. J. H. Peroni and S. H. Alexander. 1,901,041; Mar. 14.
- Plug- and socket-connection. W. Stahlecker. 1,923,123; Aug. 22.
- Plug and socket, Electrical. F. O. Stoddard. 1,910,482; May 23.
- Plug aperture indicator, Electric. E. W. Dieckmann. 1,917,638; July 11.
- Plug bait with grooves. W. H. Gruenhagen. 1,932,622; Oct. 31.
- Plug bar for seamless tube mills. F. J. Burns. 1,931,571; Oct. 24.
- Plug, Boiler drop. G. McCormick. 1,900,357; Mar. 7.
- Plug bushing and inner seal therefor. L. B. Wackman. 1,939,934; Dec. 19.
- Plug cap and making the same, Attachment. W. C. Tregoning. 1,900,139; Mar. 7.
- Plug cleaning apparatus, Spark. M. G. Vailes. 1,930,115; Oct. 10.
- Plug closure. W. H. Armacost and R. M. Swartz. 1,922,835; Aug. 15.
- Plug connector, Quick break. H. L. Strongson. 1,904,889; Apr. 18.
- Plug coupler, Electrical. H. B. Taylor. 1,902,791; Mar. 21.
- Plug coupling for use in combination with electric switches. J. S. Tucker. 1,928,916; Oct. 3.
- Plug expander, Boiler. E. Duchesne. 1,921,810; Aug. 8.
- Plug for electrical connections. R. W. Dunlap. 1,913,072; June 6.
- Plug for extension cords, Fused attachment. S. E. Snyder. 1,935,525; Nov. 14.
- Plug for receptacles and the like, Locking. W. E. Krueger. 1,906,929; May 2.
- Plug for steam boilers, Fusible. L. D. Lovekin. 1,922,625; Aug. 15.
- Plug for steam platforms and other metallic articles. C. A. Schranz. 1,905,653; Apr. 25.
- Plug for storage batteries, Vent. C. J. Dunzweiler. 1,898,718; Feb. 21.
- Plug for tables, Carom. P. Hansen. 1,894,989; Jan. 24.
- Plug receptacle and warning light fixture, Combined. W. C. Tregoning. 1,902,596; Mar. 21.
- Plug receptacle, Attachment. A. H. Massey. Des. 90,118; June 13.
- Plug receptacle, Connecting. R. M. Heintz. 1,902,236; Mar. 21.
- Plug tester, Spark. L. P. Kongsted. 1,914,809; June 20.
- Plug valve. F. A. Browne. 1,922,840; Aug. 15.
- Plug valve. P. Carpenter. 1,923,295; Aug. 22.
- Plug valve. S. J. Nordstrom. 1,932,322; Oct. 24.
- Plug valve. I. N. and F. T. Reed. 1,894,196; Jan. 10.
- Plug valve, Expandable. F. H. and R. H. Mueller. 1,909,303; May 16.
- Plug with pilot light, Attachment. B. C. Webster. 1,906,194; Apr. 25.
- Plugs and the like, Cooling of spark. R. Chilton. 1,914,940; June 20.
- Plugs for under floor conduit systems. J. M. G. Fullman. 1,898,087; Feb. 21.
- Plugs, Making spark. E. B. Nowosielski. 1,905,600; Apr. 25.
- Plugs, Manufacture of spark. G. M. Paulson. 1,927,500; Sept. 19.
- Plugs of water tube boilers, Manipulating the dust-blower. J. F. L. Baker. 1,923,770; Aug. 22.
- Plugs, Shrouding cap for sparking. G. Werner. 1,928,520; Sept. 26.
- Plumb and level. S. Hamernick. 1,919,106; July 18.
- Plumb indicator, Self-supporting. W. E. Hunter. 1,908,496; May 9.
- Plumb or level. J. M. Mobley. 1,912,536; June 6.
- Plumber's furnace. W. Bernz, J. E. Flitcroft, and J. M. Imfeld. 1,905,617; Apr. 25.
- Plumbing and leveling instrument. C. Botel. 1,903,333; Apr. 4.
- Plumbing device. E. G. Watrous. 1,922,647; Aug. 15.
- Plumbing equipment for bathrooms, Unitary. R. B. Otwell. 1,931,392; Oct. 17.
- Plumbing fixture. J. Kennison. 1,928,058; Sept. 26.
- Plumbing fixture. J. R. O'Brien. 1,911,285; May 30.
- Plumbing fixture. J. Schulte, jr. 1,929,536; Oct. 10.
- Plumbing fixture. H. W. Tews. 1,907,633; May 9.
- Plunger and packing, Well. J. W. Pippin. 1,895,728; Jan. 31.
- Plunger, Automatic safety. S. L. Belknap. 1,919,647; July 25.
- Plunger construction. S. Evans. 1,932,451; Oct. 31.

- Plunger control device. H. W. Fletcher. 1,932,963; Oct. 31.
- Plunger control device. R. P. Sherman and H. W. Fletcher. 1,932,992; Oct. 31.
- Plunger for hypodermic syringes and the like. H. O. West. 1,935,494; Nov. 14.
- Plunger for vehicle lifts. L. C. Stukenborg. 1,922,406; Aug. 15.
- Plunger lift equipment. H. W. Fletcher. 1,896,232; Feb. 7.
- Plunger, Pneumatic lift. N. H. Ricker. 1,919,529; July 25.
- Plunger, Pneumatic swab. H. W. Fletcher. 1,919,547; July 25.
- Plunger pump. C. Lakin-Smith. 1,918,408; July 18.
- Plunger pump. C. I. Longenecker. 1,904,486; Apr. 18.
- Plunger pump. E. J. Svenson. 1,924,423; Aug. 29.
- Plunger, Well. J. W. Pippin. 1,919,641; July 25.
- Plungers, Attachment for well pump. J. W. Pippin. 1,931,937; Oct. 24.
- Plural control mechanism. E. G. Staudé. 1,910,412; May 23.
- Ply stretching apparatus. W. S. Thompson. 1,921,594; Aug. 8.
- Plywood lap-joint seam. G. H. Osgood. 1,926,301; Sept. 12.
- Plywood pressing apparatus and method. L. G. and E. H. Merritt. 1,929,897; Oct. 10.
- Pneumatic dispatch system. C. T. Cutting. 1,938,098; Dec. 5.
- Pneumatic dispatch system. F. R. Taisey. 1,926,565; Sept. 12.
- Pneumatic dispatch system. W. J. Taylor and C. T. Cutting. 1,900,592; Mar. 7.
- Pneumatic displacement pump. C. D. Rubel. 1,893,151; Jan. 3.
- Pneumatic hand tool. O. L. Callahan. 1,940,388; Dec. 19.
- Pneumatic inner tube. C. Bradley. 1,924,148; Aug. 29.
- Pneumatic separating device. F. C. Menk. 1,914,862; June 20.
- Pneumatic tool. C. F. Overly. 1,940,143; Dec. 19.
- Pneumatic tool. W. W. Price and C. W. Ripsch. 1,931,167; Oct. 17.
- Pneumatic tube. H. F. Krug. 1,900,568; Mar. 7.
- Pneumatic valve. R. V. Morse. 1,894,780; Jan. 17.
- Pneumatically operated switch. A. Bizzarri. 1,936,821; Nov. 28.
- Pneumothorax apparatus. L. R. Davidson. 1,916,658; July 4.
- Poacher, Egg. E. Proteau. 1,900,761; Mar. 7.
- Pocketbook frame. N. Kasdan. 1,914,352; June 13.
- Pocket book frame. A. B. and D. E. Karon. 1,932,019; Oct. 24.
- Pocketbook, handbag, and the like. S. J. Robbins and R. Stauffert. 1,939,276; Dec. 12.
- Pocket for bathing and sporting garments. P. N. Madsen. 1,922,855; Aug. 15.
- Pocket for pot holder. M. Caplan. Des. 89,627; Apr. 18.
- Pocket for reversible coats. M. Berkwitz. 1,914,236; June 13.
- Pocket, Garment safety. J. L. Foster. 1,900,639; Mar. 7.
- Pocket lighter. T. E. D. Bilde and S. E. Lindvall. 1,937,080; Nov. 28.
- Pocket receptacle, Flexible. W. R. Buxton. Des. 90,475; Aug. 15.
- Pocket receptacle, Flexible. W. R. Buxton. Des. 90,833; Oct. 10.
- Pocket receptacle, Flexible. W. R. Buxton. 1,893,397; Jan. 3.
- Pocket receptacle, Flexible. W. R. Buxton. 1,904,353; Apr. 18.
- Pocket receptacle, Flexible. W. R. Buxton. 1,920,060; July 25.
- Pocket receptacle, Flexible. W. R. Buxton. 1,924,910; Aug. 29.
- Pocket receptacle, Flexible. W. R. Buxton. 1,939,761; Dec. 19.
- Pocket receptacle, Flexible. H. L. Richards. Des. 90,956; Oct. 31.
- Pocket, Safety. E. Petronio. 1,940,695; Dec. 26.
- Pocket sheath for fountain pens. D. H. Talt. 1,921,270; Aug. 8.
- Pockets, Method and apparatus for making card holding. E. W. Sibley. 1,937,327; Nov. 28.
- Poinsettia. H. L. Berman. 1,938,736; Dec. 12.
- Pointer for scales. A. A. Schmid. Des. 90,859; Oct. 10.
- Pointer knob. H. J. Kasch. Des. 90,772; Sept. 26.
- Pointer sighting device. E. Müller and L. Schmidt. 1,936,967; Nov. 28.
- Pointing device for stone carvers. C. Cattaneo. 1,920,839; Aug. 1.
- Poise attachment. T. H. Strachan. 1,921,436; Aug. 8.
- Poison and producing same. W. D. Kilbourn. 1,898,189; Feb. 21.
- Poison spreader. J. M. Butler. 1,896,882; Feb. 7.
- Poisons, Neutralizing insect and paint. G. D. Graves. 1,913,631; June 13.
- Poke, Animal. J. Jensen. 1,918,647; July 18.
- Poke, Animal. K. Powers. 1,932,910; Oct. 31.
- Poke, Cow. E. Karolus. 1,927,748; Sept. 19.
- Polariscope tube. C. H. Ninegar. 1,907,363; May 2.
- Polarity indicator. H. Friedrichsen. 1,905,697; Apr. 25.
- Polarized relay switch. E. M. Ashworth and F. F. Ambuhl. 1,933,649; Nov. 7.
- Polarizer, Half shade. R. Richter. 1,936,953; Nov. 28.
- Polarizing refractory bodies. E. H. Land and J. S. Friedman. 1,918,848; July 18.
- Pole, Barber shop. A. Lupica. Des. 89,901; May 16.
- Pole carrier, Fishing. E. F. Doht. 1,894,164; Jan. 10.
- Pole construction, Ridge. J. A. Walker. 1,911,732; May 30.
- Pole finder. F. B. Acosta. 1,940,521; Dec. 19.
- Pole fixture for electrical conductors. R. G. Williams. 1,911,334; May 30.
- Pole for electric machines, Regulating. E. Rosenberg. 1,895,049; Jan. 24.
- Pole gaining machine. V. G. Oliver. 1,919,249; July 25.
- Pole handle switch, Double. F. O. Albertson. 1,931,483; Oct. 24.
- Pole head for trackless trolleys. N. A. Wahlberg. 1,927,906; Sept. 26.
- Pole piece. C. A. Mudge. 1,929,787; Oct. 10.
- Pole puncturing machine. E. G. Monson and H. E. Cullen. 1,894,049; Jan. 10.
- Pole replacement, Method of and apparatus for line. F. W. Coffing. 1,932,768; Oct. 31.
- Pole setting apparatus. N. M. Erdahl. 1,921,812; Aug. 8.
- Pole sling. G. Helton. 1,908,146; May 9.
- Pole structure, Metal. W. F. Schulz. 1,936,272; Nov. 21.
- Pole with reinforcing pipes, Metal. E. W. Riemenschneider. 1,903,907; Apr. 18.
- Police signal system. G. F. C. Bauer. 1,918,240; July 18.
- Polish can or box. A. W. Rasmussen. 1,918,664; July 18.
- Polish, Furniture. A. Van der Bruggen. 1,910,137; May 23.
- Polish rod stuffing box, Self-aligning. L. J. Black. 1,911,670; May 30.
- Polisher. E. J. Cook, B. S. Floraday, and D. Miller. 1,938,811; Dec. 12.
- Polisher. H. E. Wiedmann. 1,894,807; Jan. 17.
- Polisher, Floor. T. E. D. Bilde. 1,920,624; Aug. 1.
- Polisher, Floor. A. O. Engberg and T. E. D. Bilde. 1,901,497; Mar. 14.
- Polisher, Floor. F. Riebel, jr., and D. M. Dow. 1,901,670; Mar. 14.
- Polisher, Plate-glass. H. J. Gale. 1,934,797; Nov. 14.
- Polishing and brushing device, Shoe. J. H. Minor. 1,922,256; Aug. 15.
- Polishing and cleaning device. A. C. Johnson. 1,897,981; Feb. 14.
- Polishing and grinding machine. C. L. Hawes. 1,897,049; Feb. 14.
- Polishing apparatus, specially for knives, forks, and spoons. Robert Ern. 1,904,282; Apr. 18.
- Polishing appliance for finger nails. F. Würzburger. 1,894,142; Jan. 10.
- Polishing composition. F. R. Williams. 1,895,872; Jan. 31.
- Polishing composition and preparing same. P. Logue and T. W. Schib. 1,896,823; Feb. 7.
- Polishing device. S. Bayan. 1,938,480; Dec. 5.
- Polishing device. B. H. Boland and H. Lind. 1,908,399; May 9.
- Polishing device. J. Druker. 1,892,723; Jan. 3.
- Polishing device, Pivot. C. Culman. 1,915,087; June 20.
- Polishing implement. J. Kaufmann. 1,936,561; Nov. 21.
- Polishing machine. H. J. Murray. 1,928,389; Sept. 26.
- Polishing machine for colored pulverulent bronze. E. Kramer. 1,930,683; Oct. 17.
- Polishing tool. D. R. Johnston. 1,897,971; Feb. 14.
- Polishing tool, Portable power-driven. J. B. Fleming and H. C. Preston. 1,931,893; Oct. 24.
- Polishing substances from liquids, Removing all forms of. O. M. Urbain. 1,928,398; Sept. 26.
- Polymalnet head. H. P. Nelson. 1,918,485; July 18.
- Polyalkyl-hydroxy-diphenylmethanes, Substituted. E. Klarman and L. W. Gates. 1,926,874; Sept. 12.
- Polyazolyestuffs. E. G. Glatenberg. 1,901,393; Mar. 14.
- Polyhydroxy compounds and substances containable thereby, Hydrogenating. K. L. Lautenschläger, M. Eockmühl, G. Ehrhart, and W. Krohs. 1,915,431; June 27.
- Polymer of vinyl acetylene and producing same. A. S. Carter and F. B. Downing. 1,896,162; Feb. 7.
- Polymerization. W. B. Plummer. 1,940,227; Dec. 19.
- Polymerization products and preparing them, Mixed. A. Voss, E. Dickhäuser, and W. Starck. 1,939,422; Dec. 12.
- Polymerization product of butadiene-1,3 hydrocarbons and making same. W. Bock and E. Tschunkur. 1,898,522; Feb. 21.
- Polymerization products from alkylene oxides, Production of. F. Weibel. 1,921,378; Aug. 8.
- Polymerization products from divinyl ether and related compounds and producing same. H. Hibbert. 1,916,423; July 4.
- Polymerization products of diolefines, Production of. G. Ebert, F. A. Fries, and P. Garbach. 1,921,867; Aug. 8.
- Polymerization products of vinyl halides, Producing. F. Klatte and H. Müller. 1,920,403; Aug. 1.
- Polymerization products, Production of. H. Fikentscher and W. Wolff. 1,933,052; Oct. 31.
- Polyphase-current generator. H. A. Affel. 1,935,594; Nov. 14.
- Polyphase system. M. B. Mallett. 1,894,827; Jan. 17.
- Polyphase system. B. Menzies. 1,912,907; June 6.
- Polysulphides, Making. A. Nagelvoort. 1,934,626; Nov. 7.
- Pompon and making the same. H. H. Rubin. 1,919,450; July 25.

- Pool ball racking device, Mechanical. J. J. Grantonic. 1,919,296; July 25.
- Pool, Gathering. K. E. Peiler. 1,937,479; Nov. 28.
- Pool level regulator, Gathering. R. F. Hatch. 1,920,747; Aug. 1.
- Pool, Swimming. H. W. Day. 1,925,175; Sept. 5.
- Pools, Apparatus for warming and cleaning artificial. S. E. Test. 1,917,614; July 11.
- Pop corn machine. H. J. Dahl. 1,937,318; Nov. 28.
- Pop safety valve. F. H. Hopkins. 1,925,323; Sept. 5.
- Poppet valve. A. E. Richards. 1,894,254; Jan. 10.
- Porcelain, Electrodeposition of. H. M. Kraner. 1,907,984; May 9.
- Porcelain roof facing, Interchangeable. A. S. Levy. 1,905,595; Apr. 25.
- Porch light. T. Dominick. Des. 90,942; Oct. 31.
- Porous articles consisting of silica, Making. G. King. 1,928,021; Sept. 26.
- Porous body. H. Beckmann. 1,918,893; July 18.
- Porous materials, Impregnating. H. R. Arnold and W. A. Lazier. 1,939,647; Dec. 19.
- Porous structures, Manufacture of. H. T. Bellamy. 1,938,170; Dec. 5.
- Porous structures, Manufacture of. J. C. Smith and H. T. Bellamy. 1,896,190; Feb. 7.
- Portable desk. E. A. Henricson. 1,928,936; Oct. 3.
- Portable display stand. H. H. Bixby. 1,929,768; Oct. 10.
- Portable dispensing table. O. N. Tyler. Des. 90,822; Oct. 3.
- Portable electric generator. R. M. Heintz. Des. 90,318; July 18.
- Portable electric heater. W. O. Twombly. Des. 90,741; Sept. 19.
- Portable elevating table. O. Schlichter. 1,927,598; Sept. 19.
- Portable heater. W. W. Somersall. 1,900,956; Mar. 14.
- Portable lock. L. H. Morse and T. F. Smith. 1,923,025; Aug. 15.
- Portable lamp. O. G. Hildebrand. 1,936,451; Nov. 21.
- Portable liquid dispenser. B. W. Seidel. 1,936,526; Nov. 21.
- Portable machine for boring tapered elliptical holes. B. C. Travis. 1,893,810; Jan. 10.
- Portable machine tool. O. E. Guibert and S. R. Bachtel. 1,927,005-6; Sept. 12.
- Portable mill. H. J. Clark. 1,910,519; May 23.
- Portable power pump, Compact. E. W. Humberger. 1,922,437; Aug. 15.
- Portable pump. A. T. Flower. 1,921,916; Aug. 8.
- Portable receptacle. H. Hubbell, jr. 1,907,817; May 9.
- Portable receptacle. H. Isaacson. 1,927,590; Sept. 19.
- Portable saw table. H. O. Hall. 1,930,168; Oct. 10.
- Portable screen. O. W. Pineo. 1,902,373; Mar. 21.
- Portable steam boiler. C. W. Bros. 1,934,965; Nov. 14.
- Portable supporting rack. C. A. Bruning. 1,928,217; Sept. 26.
- Portable tool. E. H. Shaff. 1,940,024; Dec. 19.
- Portrait monument, Combination. R. A. Hull. Des. 89,766; May 2.
- Pose-reflecting apparatus. L. G. Simjian. 1,908,869; May 16.
- Pose reflecting apparatus. L. G. Simjian. 1,919,642; July 25.
- Pose reflecting system. L. G. Simjian. 1,926,657; Sept. 12.
- Pose-reflecting system for photographic apparatus. L. G. Simjian. 1,893,211; Jan. 3.
- Position and altitude finder. E. H. Lewis. 1,916,765; July 4.
- Position indicator. W. B. Lucas. 1,898,550; Feb. 21.
- Position of vessels, Arrangement for indicating the. W. Hahnemann. 1,898,831; Feb. 21.
- Positioning impellers in bowls of drilled well rotary pumps. J. M. Hait. 1,909,533; May 16.
- Positioning tool. H. W. Kulp and M. C. Dellinger. 1,917,183; July 4.
- Positive acting valve. L. L. Markert. 1,927,609; Sept. 19.
- Positive-action clutch. R. W. Strout. 1,904,563; Apr. 18.
- Positive and cone clutch, Automatic. W. J. Broughton. 1,909,568; May 16.
- Positive-measuring pump, Adjustable. H. T. Wheeler. 1,917,678; July 11.
- Positive two hand control. F. W. Sauerbrey. 1,912,861; June 6.
- Post: See—
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| Anchor post. | Fence post. |
| Binding post. | Flexible post. |
| Bumper post. | Jack post. |
| Door post. | Mail box post. |
| Drill post. | |
- Post. J. H. Schuett. 1,898,499; Feb. 21.
- Post and brace member, End. A. W. Thompson. 1,911,483; May 30.
- Post bearing support. D. O. Barrett. 1,912,246; May 30.
- Post cap. D. McDaniel. 1,902,511; Mar. 21.
- Post hole presser and digger. A. P. Fletcher. 1,911,679; May 30.
- Post puller. E. Pladson. 1,911,287; May 30.
- Postage meter machines, Preventing taking of fraudulent impressions from. W. H. Wheeler and J. W. Ogden. 1,904,638; Apr. 18.
- Postal machines, Driving and controlling mechanism for. R. G. Whitlock. 1,930,946; Oct. 17.
- Poster advertising device, Motion. R. M. Meisel and H. S. Aikman. 1,894,568; Jan. 17.
- Poster support. W. R. Johns. 1,903,766; Apr. 18.
- Posting board for index cabinets. C. F. Wolters. 1,913,319; June 6.
- Posture regulating chair. L. W. Conant. 1,922,418; Aug. 15.
- Pot and work stand, Combination melting. C. Cretors. 1,935,435; Nov. 14.
- Pot, Annealing. V. G. Bates. 1,909,331; May 16.
- Pot, Auxiliary melting. L. G. Olander. 1,914,579; June 20.
- Pot for linotype machines, Auxiliary melting. J. H. Richardson. 1,930,727; Oct. 17.
- Pot for type-forming machines, Melting. H. T. Sundstrom. 1,931,273; Oct. 17.
- Pot for typographical machines, Metal. W. F. Severin. 1,897,012; Feb. 7.
- Pot forming machine. F. Y. Pearne and W. McClintock. 1,899,881; Feb. 28.
- Pothead. A. G. Steinmayer. 1,922,336; Aug. 15.
- Pothead. A. G. Steinmayer. 1,928,636; Oct. 3.
- Pot, Heating. E. C. Lundt and N. E. Bertl. 1,912,288; May 30.
- Pot making apparatus. R. M. Brasket. 1,914,004; June 13.
- Pot or similar article. G. N. Allen and C. A. Bennett. Des. 89,235; Feb. 7.
- Pot, Thermostatic wax. E. J. Ray. 1,923,584; Aug. 22.
- Potash salts from liquors containing borax, Recovering. C. F. Ritchie, W. A. Gale, and W. H. Allen. 1,921,481; Aug. 8.
- Potassium aluminum fluoride, Making. A. H. Henninger. 1,937,956; Dec. 5.
- Potassium carbonate, Manufacture of. F. Rüsberg. 1,933,452; Oct. 31.
- Potassium chloride into potassium sulphate, Converting. A. Holz. 1,922,682; Aug. 15.
- Potassium ferrocyanide to potassium ferricyanide, Apparatus for oxidizing. R. Brandt. 1,908,886; May 16.
- Potassium from potassium sulphate and calcium formate or mixtures of constituents adapted to form the latter by way of reaction, Producing formate of. E. Hene. 1,939,625; Dec. 12.
- Potassium nitrate, etc., Manufacture of. A. Lambert. 1,915,428; June 27.
- Potassium nitrate, Producing. O. Kaselitz. 1,925,587; Sept. 5.
- Potassium nitrate, Production of. P. Höfer. 1,932,587; Oct. 31.
- Potassium nitrate, Production of. O. Kaselitz. 1,893,945; Jan. 10.
- Potassium phosphate conversion. C. B. Locklin. 1,939,858; Dec. 19.
- Potassium sulphate, Manufacture of. C. F. Ritchie and G. E. Warren. 1,936,070; Nov. 21.
- Potato harvesting machine. L. Niemyer. 1,937,159; Nov. 28.
- Potato sorter. G. M. Jenkins. 1,920,701; Aug. 1.
- Potato stringing machine. E. G. Trainor and W. L. Schaub. 1,936,180; Nov. 21.
- Potatoes, Planting. F. H. Bateman and I. Trolley. 1,895,962; Jan. 31.
- Potential device, Constant. M. Morrison. 1,905,044; Apr. 25.
- Potential electric motor, Small variable. A. Hochfeld. 1,902,954; Mar. 28.
- Potentiometer device for testing and calibrating meters. E. J. Albert. 1,912,242; May 30.
- Potentiometer instrument. T. R. Harrison. 1,931,223; Oct. 17.
- Potentiometer resistance. L. Bermann. 1,918,013; July 11.
- Potentiometer system. O. Naef. 1,941,444; Dec. 26.
- Potentiometers, Fine adjustment for. J. L. Bonanno. 1,919,614; July 25.
- Pottery and making same. M. G. Tarter and A. L. Rose. 1,918,496; July 18.
- Pottery, Apparatus for producing various kinds of. R. L. Cawood. 1,900,797; Mar. 7.
- Pottery making. A. F. Brotz. 1,911,011; May 23.
- Pottery product. M. Hauser. 1,930,095; Oct. 10.
- Pottery to grow plants indoors or outdoors, Type of. J. F. M. Burford. 1,928,810; Oct. 3.
- Pottery ware and molds for use therewith, Producing. W. J. Miller. 1,898,561; Feb. 21.
- Pouch. E. C. Bunnell. 1,898,171; Feb. 21.
- Pouch for toilet articles. E. B. Blom. 1,923,071; Aug. 22.
- Pouch, Motorist pocket. W. R. Tatum. Des. 90,738; Sept. 19.
- Poultry appliance. J. B. Guenser. 1,916,790; July 4.
- Poultry drinking fountain. J. F. Gibbs. 1,896,615; Feb. 7.
- Poultry feeder. C. G. E. Anderson. 1,914,987; June 20.
- Poultry feeder. F. T. Atchison. 1,911,257; May 30.
- Poultry feeder. W. T. Chilson. 1,907,039; May 2.
- Poultry feeder. R. Harris. 1,922,435; Aug. 15.
- Poultry feeder. I. G. Stolp. 1,907,372; May 2.
- Poultry feeder. W. F. Vahlkamp. 1,920,536; Aug. 1.
- Poultry feeder. L. G. White. 1,926,611; Sept. 12.
- Poultry fountain. F. Kubler. 1,912,530; June 6.
- Poultry fountain. G. A. Sachs. 1,913,772; June 13.
- Poultry fountain, Sanitary automatic. F. E. Jones. 1,894,563; Jan. 17.

- Poultry, Preventing cannibalism among. L. I. Fox. 1,922,157; Aug. 15.
- Poultry-sinew puller. B. B. Hart. 1,934,921; Nov. 14.
- Poultry waterer. J. R. Sadleir. 1,918,566; July 18.
- Pounder washer. F. Schmidt. 1,894,125; Jan. 10.
- Pouring attachment for cans. W. L. Crook. 1,933,471; Oct. 31.
- Pouring cup. J. W. Porter. 1,921,240; Aug. 8.
- Pouring unit, Intermediate. M. S. Clawson. 1,924,638; Aug. 29.
- Powder and lip stick container, Combined face. F. E. A. W. Bergaud. 1,911,788; May 30.
- Powder and making same, Molding. J. F. Walsh and M. R. Ximenez. 1,899,542; Feb. 28.
- Powder and making the same, Double base propellant. W. E. Wagner. 1,906,675; May 2.
- Powder and manufacturing same, Smokeless. J. M. Skillington and O. J. Teeple, Jr. 1,924,464; Aug. 29.
- Powder, Apparatus for making bleaching. E. T. Ladd. 1,904,473; Apr. 18.
- Powder box. C. H. Horner. Des. 89,425; Mar. 7.
- Powder box. F. R. Tourtois. Des. 89,933; May 16.
- Powder composition, Black. B. A. Gille. 1,927,870; Sept. 26.
- Powder container, Sealed. G. C. Fullmer. 1,912,187; May 30.
- Powder dispenser. G. Bourquin. 1,893,880; Jan. 10.
- Powder dispensing device. J. P. Mackay and N. A. Noce. 1,934,197; Nov. 7.
- Powder distributing machine. H. Reimers. 1,908,445; May 9.
- Powder distributing machine. L. Wilson. 1,904,591; Apr. 18.
- Powder distributor. B. Vogler. 1,937,210; Nov. 28.
- Powder explosive, Molded black. J. E. Slusser. 1,913,344; June 6.
- Powder, Fuse. C. A. Herbst. 1,908,979; May 16.
- Powder, Making nonreactive lead. R. N. Chamberlain. 1,910,280; May 23.
- Powder, Manufacture of bleaching. C. Carter. 1,925,627; Sept. 5.
- Powder, Mentholated talcum. A. J. Lautmann. 1,936,845; Nov. 28.
- Powder, Molding. K. Ripper. 1,899,109; Feb. 28.
- Powder packing machine. R. I. Bashford. 1,911,299; May 30.
- Powder, Production of a molding. W. H. Boorne. 1,910,318; May 23.
- Powder, Propellant. G. C. Hale. 1,899,147; Feb. 28.
- Powder propellants, Manufacture of smokeless. A. Hough. 1,916,763; July 4.
- Powder puff, Dispensing. F. G. Flosi. 1,899,386; Feb. 28.
- Powder, Smokeless. S. G. Norton. Re18,989; Nov. 7.
- Powder spraying device. W. H. Rose. 1,911,972; May 30.
- Powdered fuel furnace. C. Hufschmidt. 1,899,464; Feb. 28.
- Powdered material, Apparatus for transporting and delivering. W. L. Fickey. 1,898,356; Feb. 21.
- Powdered material, Transporting and delivering. W. L. Fickey. 1,898,354; Feb. 21.
- Powdered materials, Compressing. C. H. Short and C. V. Morton. 1,930,287; Oct. 10.
- Powderer. S. Lipsius. 1,929,200; Oct. 3.
- Powdering apparatus. S. Lipsius. 1,930,814; Oct. 17.
- Powders, Manufacture of. A. J. Meier. 1,901,978; Mar. 21.
- Power actuator. B. F. Baker. 1,934,691; Nov. 14.
- Power actuator. C. S. Bragg and V. W. Klierath. 1,923,187; Aug. 22.
- Power actuator. H. A. Knox and J. K. Christmas. 1,934,719; Nov. 14.
- Power actuator. S. Svenson. 1,940,980; Dec. 26.
- Power apparatus. G. T. Harcourt. 1,940,087; Dec. 19.
- Power apparatus. E. O. Scheerer. 1,928,984; Oct. 3.
- Power, Apparatus for transmitting. E. M. Hirsh and J. H. D'Andelet. 1,893,413; Jan. 3.
- Power applicator. F. Wulf. 1,924,477; Aug. 29.
- Power braking and clutch releasing mechanism for automotive vehicles. M. Leupold. 1,928,566; Sept. 26.
- Power control apparatus. D. L. Summey. 1,903,147; Mar. 28.
- Power control of interconnected electric generating and distributing systems. C. J. Sittinger. 1,939,145; Dec. 12.
- Power-control mechanism for automobiles, Automatic. E. H. Lange. 1,915,099; June 20.
- Power control system and switch therefor. W. J. Williams. 1,925,220; Sept. 5.
- Power control unit. R. G. Le Tourneau. 1,912,645; June 6.
- Power converting apparatus. C. A. Sabbah. 1,907,589; May 9.
- Power-converting apparatus, Electric. B. D. Bedford. 1,935,431; Nov. 14.
- Power converting apparatus, Electric. O. W. Livingston. 1,939,455; Dec. 12.
- Power converting apparatus, Electric. A. H. Mittag. 1,894,114; Jan. 10.
- Power converting apparatus, Electric. F. B. Vogdes. 1,929,571; Oct. 10.
- Power coupling and cut-off, Automatic. L. L. Nakashian. 1,929,118; Oct. 3.
- Power coupling device. A. R. Skinner. 1,917,858; July 11.
- Power cut-off. P. R. Hornbrook. 1,907,814; May 9.
- Power device, Pneumatically operated. C. A. Brewer. 1,908,471; May 9.
- Power dog, Double hook. E. A. Ferris. 1,930,004; Oct. 10.
- Power driven percussive tool, Portable. A. G. Decker. 1,911,814; May 30.
- Power driven swiveled wheel. H. T. Lambert. 1,922,962; Aug. 15.
- Power driven unit for fluid pressure systems. J. G. Lanning. 1,931,164; Oct. 17.
- Power-driven wrench, Portable. M. W. Bardwell. 1,927,383; Sept. 19.
- Power-factor correction in electric power circuits, Device for. T. Kopczynski. 1,939,064; Dec. 12.
- Power feed for rock drills. G. M. Nell. 1,914,815; June 20.
- Power feeding device. G. M. Nell. 1,902,574; Mar. 21.
- Power for the operations of reciprocating pumps, Method of and apparatus for applying. J. G. Gillespie. 1,928,532; Sept. 26.
- Power from compressed air, Apparatus for obtaining. E. J. Stoddard. 1,926,463; Sept. 12.
- Power from explosive gases and in gas turbine apparatus, Deriving. F. M. Brooke. 1,938,686; Dec. 12.
- Power, gas, and liquid hydrocarbons, Apparatus for generating. C. E. Lucke. 1,911,026; May 23.
- Power generating plant, Electric. F. W. Gay. 1,896,356; Feb. 7.
- Power generating plants, especially electricity works, Device for regulating. T. Stein and G. Wunsch. 1,894,246; Jan. 10.
- Power head. C. Groen. 1,893,282; Jan. 3.
- Power head. P. A. Myers. 1,939,861; Dec. 19.
- Power installation. P. Le Sur. 1,919,981; July 25.
- Power-level indicator. J. W. Horton. 1,901,344; Mar. 14.
- Power lift, Tractor operated. A. C. Lindgren and A. D. Gallagher. 1,911,373; May 30.
- Power line protection, System for. L. F. Hunt and F. B. Doolittle. 1,940,303; Dec. 19.
- Power mechanism. V. Renda. 1,923,887; Aug. 22.
- Power neck band clamp. E. Davis. 1,934,172; Nov. 7.
- Power of turbine plants, Increasing. G. E. Kershaw. 1,921,678; Aug. 8.
- Power-operated tool. E. G. Gartin. 1,926,042; Sept. 12.
- Power operator. P. W. Cummings. 1,895,880; Jan. 31.
- Power plant. R. J. Caughey. 1,920,781; Aug. 1.
- Power plant. C. Föhl. 1,920,689; Aug. 1.
- Power plant. E. H. Freiburghouse. 1,933,324; Oct. 31.
- Power plant. W. H. Harstich. 1,900,058; Mar. 7.
- Power plant. R. Hellborg. 1,896,308; Feb. 7.
- Power plant. H. Holzwarth. 1,920,142; July 25.
- Power plant. F. Kissing and P. Hösel. 1,927,687; Sept. 19.
- Power plant. H. A. Knox and B. F. Baker. 1,919,227; July 25.
- Power plant. B. V. E. Nordberg. 1,916,329; July 4.
- Power plant. C. Osenberg. 1,897,815; Feb. 14.
- Power plant. R. C. Roe. 1,932,484; Oct. 31.
- Power plant. J. Rutbs. 1,925,078; Aug. 29.
- Power plant. R. Wintzer. 1,927,970; Sept. 26.
- Power plant, Elastic fluid. P. Dettendorf. 1,915,052; June 20.
- Power plant for drilling apparatus. M. Kahr. 1,900,384; Mar. 7.
- Power plant for household and kindred uses. H. M. Greist and G. L. Hinman. 1,913,157; June 6.
- Power plant for transport vehicles, Supplementary. W. P. Kellett. 1,915,498; June 27.
- Power plant, Portable. H. Holzwarth. 1,917,714; July 11.
- Power plant, Steam. C. B. Faverty. 1,934,661; Nov. 7.
- Power plant system for transport vehicles. W. P. Kellett. 1,911,958; May 30.
- Power plant, Wind driven electric. G. A. Rime. 1,903,534; Apr. 11.
- Power press. R. Furrer. 1,940,250; Dec. 19.
- Power press. G. R. Meyer cord, O. H. Basquin, and C. B. Norris. 1,907,083; May 2.
- Power press. P. L. Pendleton. 1,930,349; Oct. 10.
- Power press. H. C. Walsh. 1,928,711; Oct. 3.
- Power press control. A. A. Byerlein. 1,904,676; Apr. 18.
- Power press, Metal working. R. W. Glasner. 1,910,534; May 23.
- Power pulling machine, Hand. L. H. Johnston. 1,926,101; Sept. 12.
- Power pump. R. L. Bacher. 1,924,829; Aug. 29.
- Power pump, Portable. E. W. Humberger. 1,897,256; Feb. 14.
- Power, Pumping. W. C. Trout. 1,900,675; Mar. 7.
- Power regulating means, Hydraulic. R. M. Galloway. 1,926,869; Sept. 12.
- Power responsive means. L. W. Thompson and M. Zucker. 1,905,766; Apr. 25.
- Power shift, Motor vehicle. C. S. Nelson. 1,908,437; May 9.
- Power steering gear. F. W. Davis. 1,937,485; Nov. 28.
- Power steering mechanism. F. W. Davis. 1,937,470; Nov. 28.
- Power supply system. H. O. Siegmund. 1,919,808; July 25.
- Power supply system for vacuum tube amplifying devices. V. M. Graham and W. T. Powell. 1,897,556; Feb. 14.
- Power system. R. A. Beekman. 1,899,550; Feb. 28.

- Power system. W. B. Shirk. 1,907,596; May 9.
 Power system, Hydropneumatic. H. S. Pardee. 1,927,752; Sept. 19.
 Power system more particularly for marine propulsion. J. W. Davison, G. W. Higgs-Walker, and E. M. Johnson. 1,934,487; Nov. 7.
 Power system with high-speed breakers and relays, Stable. R. D. Evans, C. LeG. Fortescue, L. N. Crichton, J. B. MacNeill, S. B. Griscom, and C. F. Wagner. 1,899,613; Feb. 28.
 Power take-off. P. Bourque. 1,927,866; Sept. 26.
 Power take-off. S. A. Dalager. 1,915,015; June 20.
 Power take-off. J. S. Drummond. 1,928,884; Oct. 8.
 Power take-off, Demountable. A. F. Burgess, H. L. Blaisdell, and W. H. Campbell. 1,896,067; Feb. 7.
 Power take-off device. L. J. Schultze. 1,899,247; Feb. 28.
 Power take-off for motor vehicles. G. A. Fulerton. 1,900,415; Mar. 7.
 Power take-off mechanism. F. D. Wilson. 1,924,703; Aug. 29.
 Power tool. L. F. Kott. 1,924,946; Aug. 29.
 Power transformer and more particularly to transformers and reactors for extra high voltage currents. C. Schrader, G. Keinath, F. Polin, and H. Ritz. 1,916,588; July 4.
 Power translator. M. P. and A. Winther. 1,893,346; Jan. 3.
 Power transmission. P. J. Christman. 1,922,660; Aug. 15.
 Power transmission. E. W. Easter. 1,926,269; Sept. 12.
 Power transmission. S. S. Rathbun. 1,904,530; Apr. 18.
 Power transmission. A. G. Rayburn. 1,904,011; Apr. 18.
 Power transmission. A. G. Rayburn. 1,910,054; May 23.
 Power transmission. C. A. Rudqvist. 1,901,988; Mar. 21.
 Power transmission. C. A. Rudqvist. 1,931,209; Oct. 17.
 Power transmission and metering device therefor, Hydraulic. R. E. Flanders. 1,924,738; Aug. 29.
 Power transmission apparatus. H. E. Nietsche. 1,896,462; Feb. 7.
 Power transmission, Automatic. A. H. Neuland. Re-18,888; July 4.
 Power transmission, Automatic. F. Slavek. 1,894,894; Jan. 17.
 Power transmission device. C. E. McCoy. 1,901,916; Mar. 21.
 Power transmission device, Resilient. A. Dina. 1,932,205; Oct. 24.
 Power transmission, Hydraulic. G. J. Hamilla and D. Arras. 1,914,090; June 13.
 Power Transmission, Hydraulic variable speed. A. J. R. Lysholm. 1,900,118; Mar. 7.
 Power transmission, Mechanical. T. H. Ryan. 1,906,103; Apr. 25.
 Power transmission mechanism. E. Anderson. 1,921,598; Aug. 8.
 Power transmission mechanism. W. D. Burton. 1,920,056; Aug. 8.
 Power transmission mechanism. G. DeMonge. 1,900,165; Mar. 7.
 Power transmission mechanism. A. Dow. 1,897,244; Feb. 14.
 Power transmission mechanism. D. B. Foust. 1,921,406; Aug. 8.
 Power transmission mechanism. C. E. Henriod. 1,903,044; Mar. 28.
 Power transmission mechanism. N. Krawitz. 1,893,501; Jan. 10.
 Power-transmission mechanism. O. E. Law. 1,930,454; Oct. 10.
 Power transmission mechanism. M. W. Newberry. 1,910,038; May 23.
 Power transmission mechanism. L. H. Pomeroy and A. Blundell. 1,914,289; June 13.
 Power transmission mechanism. C. A. Rudqvist. 1,914,618; June 20.
 Power transmission mechanism. C. A. Rudqvist. 1,927,616; Sept. 19.
 Power transmission mechanism. P. M. Salerni. 1,901,193; Mar. 14.
 Power transmission mechanism. P. M. Salerni. 1,901,194; Mar. 14.
 Power transmission mechanism. P. M. Salerni. 1,903,013; Mar. 28.
 Power transmission, Mechanism for. C. F. Rauen. 1,939,226; Dec. 12.
 Power transmission mechanism for portable conveyers. H. H. Barber. 1,913,653; June 13.
 Power transmission mechanism, Hydraulic. W. C. Muller. 1,930,059; Oct. 10.
 Power transmission mechanism, Variable speed. F. A. Hayes. 1,904,046; Apr. 18.
 Power transmission mechanism, Variable speed. F. A. Hayes. 1,919,218; July 25.
 Power transmission system. W. F. Gay. 1,900,494; Mar. 7.
 Power transmission system. F. W. Gay. 1,916,925; July 4.
 Power transmission system. W. B. Shirk. 1,916,443; July 4.
 Power transmission system. H. E. Stokes. 1,916,447; July 4.
 Power transmission, System of electric. E. F. W. Alexander. 1,917,081; July 4.
 Power transmission, System of electric. E. F. W. Alexander, P. L. Alger, and S. P. Nixdorff. 1,917,082; July 4.
 Power transmission systems, Long-distance high-voltage. R. Rüdberg. 1,909,125; May 16.
 Power transmission, Torsional constant-mesh. E. F. Poncelet. 1,910,180; May 23.
 Power transmission unit. G. Bert'Odatto. 1,920,877; Aug. 1.
 Power transmission, Variable speed. A. Lysholm, F. Horney, and G. Wahlsten. 1,900,119-20; Mar. 7.
 Power transmitter, Hydraulic. G. Bauer and J. N. Kiep. 1,904,606; Apr. 18.
 Power transmitter, Hydraulic. J. Fraser and D. Campbell. 1,926,277; Sept. 12.
 Power transmitter, Hydraulic. J. N. Kiep. 1,910,697; May 23.
 Power transmitter, Hydraulic. G. A. Klimek. 1,927,040; Sept. 19.
 Power transmitting apparatus. J. A. Josephsen. 1,924,941; Aug. 29.
 Power transmitting apparatus. F. A. Wardell. 1,934,392; Nov. 7.
 Power transmitting device. K. E. Lundin. 1,914,141; June 13.
 Power transmitting device. A. L. Whiteside. 1,910,270; May 23.
 Power transmitting mechanism. A. W. Arnold. 1,939,756; Dec. 19.
 Power transmitting mechanism. C. W. H'Doubler. 1,909,581; May 16.
 Power transmitting mechanism. F. Pulsifer. 1,923,582; Aug. 22.
 Power transmitting mechanism. A. A. Warner. 1,923,649; Aug. 22.
 Power-transmitting mechanism, Hydraulic. H. Junkers. 1,935,400; Nov. 14.
 Power transmitting or registering device. A. B. Cunningham. 1,930,192; Oct. 10.
 Power-transmitting system, Hydraulic. M. Charles. 1,931,952; Oct. 24.
 Power tube. W. T. Gibson. 1,925,658; Sept. 5.
 Power tube supporting structure. E. A. Laport. 1,930,524; Oct. 17.
 Power unit. R. Gilbert. 1,892,833; Jan. 3.
 Power unit. W. A. J. Krohn. 1,935,211; Nov. 14.
 Power unit. F. H. Poor. 1,911,465; May 30.
 Power unit. E. A. Rockwell. 1,928,633; Oct. 3.
 Power unit for oil wells. D. R. Brown. 1,898,290; Feb. 21.
 Power unit, Household. R. Hoe. 1,910,162; May 23.
 Power unit, Submersible. G. T. Pfeiffer. 1,920,318; Aug. 1.
 Power winch. J. W. Wunsch. 1,912,112; May 30.
 Precipitates formed by hard water, Rendering harmless the. F. Münz. 1,901,321; Mar. 14.
 Precipitating liquids, Preparation of neutral or alkaline. A. Bodmer. 1,918,374; July 18.
 Precision apparatus by cutting roads to final grade. J. H. Mosel. 1,926,397; Sept. 12.
 Precision grinding or abrading machine. H. H. Asbridge. 1,928,162; Sept. 26.
 Precision instrument. W. Gaertner. 1,899,192; Feb. 28.
 Precooling means for refrigerator cars. H. Giddings. 1,937,648; Dec. 5.
 Preheater and condenser for locomotives, Hot-well. E. F. Sullivan. 1,929,830; Oct. 10.
 Preheater for oil burners. N. R. Thibert. 1,940,379; Dec. 19.
 Preheater, Fuel. G. Garibaldi. 1,898,580; Feb. 21.
 Preheater or economizer for locomotives. H. Deutsch. 1,903,696; Apr. 11.
 Preparation for coloring hair. W. B. Stoddard, jr. and W. F. Greenwald. 1,937,365; Nov. 28.
 Preparation for use in curling the hair. F. Maeder and B. M. W. Sims. 1,933,021; Oct. 31.
 Preparation of a product containing all opium alkaloids. T. B. Aagaard, B. Samdahl, and F. P. Hopstock. 1,903,770; Apr. 18.
 Preparation or size for silk, artificial silk, or other fiber. A. F. Galvin. 1,926,768; Sept. 12.
 Preparation suitable as wetting agent. W. Jaeck and J. Lang. 1,896,899; Feb. 7.
 Preparation useful for the production of dyestuffs and making same. M. Hankel and K. Jellinek. 1,915,734; June 27.
 Preparation yielding nitroso diazo solutions of the diphenylamine series and making same, Solid. R. Jung. 1,895,099; Jan. 24.
 Prepayment meter. S. J. Schwegler. 1,941,191; Dec. 26.
 Prepressing machine. C. L. Eksergian and W. A. Weightman. 1,910,384; May 23.
 Preerinsing device. G. L. N. Meyer and O. Dreher. 1,910,958; May 23.
 Preservative and applying same, Leather. C. S. McNowen. 1,916,523; July 4.
 Preservative composition. J. H. Brooks and J. Goldstone. 1,901,799; Mar. 14.
 Preservative compound and producing the same. H. Deitchman. 1,937,813; Dec. 5.
 Preservative for glue and the like. S. W. Putnam and N. Poffenberger. 1,925,819; Sept. 5.
 Preserving or protecting substances or objects. A. P. Cramer-Van Deventer. Re18,734; Feb. 14.

- Press: See—
 Automatic double buck press.
 Baling press.
 Bearing bushing press.
 Belly press.
 Belt hook press.
 Box press.
 Brick press.
 Cheese press.
 Cutting and creasing press.
 Cutting press.
 Draw press.
 Drawing press.
 Drill press.
 Drying press.
 Extrusion molding press.
 Extrusion press.
 Filter press.
 Flat bed printing press.
 Foot press.
 Forming press.
 Fruit press.
 Garment or ironing press.
 Garment press.
 Ham press.
 Hoselery press.
 Hydraulic press.
 Ironing and aerating press.
 Laundry press.
 Manually operated press.
 Metal drawing press.
 Press. M. H. Ballard and D. G. McLean. 1,902,054; Mar. 21.
 Press. A. A. Byerlein. 1,903,438; Apr. 11.
 Press. A. A. Byerlein. 1,919,771; July 25.
 Press. A. A. Byerlein. 1,920,547; Aug. 1.
 Press. P. J. Locher. 1,939,014; Dec. 12.
 Press. M. L. Manchester. 1,923,494; Aug. 22.
 Press. W. H. Mason. 1,903,222; Mar. 28.
 Press. P. V. J. Merenda. 1,932,556; Oct. 31.
 Press. J. R. Oliver. 1,916,280; July 4.
 Press. W. Strobridge. 1,939,149; Dec. 12.
 Press. J. N. Villand. 1,919,815; July 25.
 Press. J. Zimarik. 1,895,958; Jan. 31.
 Press and workholder, Ironing. E. Davis. 1,899,891; Feb. 28.
 Press brake. W. C. Anthony and L. Wachter. 1,935,173; Nov. 14.
 Press cage. C. B. Upton. 1,916,347; July 4.
 Press cakes, Preparing concentrated. T. L. Masterson. 1,915,326; June 27.
 Press construction for paper machines. J. Edge. 1,913,269; June 6.
 Press control mechanism, Hydraulic. E. Brockel. 1,937,007; Nov. 28.
 Press cylinder adjustment, Proof. E. O., D. D., and F. R. Vandercook. 1,895,501; Jan. 31.
 Press device embodying electrically heated elements. T. Robinson. 1,937,169; Nov. 28.
 Press drive. O. C. Roosen. 1,924,625; Aug. 29.
 Press for drawing sheet metal. C. J. Rhodes. 1,903,475; Apr. 11.
 Press for fruits and vegetables, Household. W. F. Kammer. 1,939,556; Dec. 12.
 Press for hollow articles, Molding. L. W. Hottel. 1,916,798; July 4.
 Press for making jaws for hand bags. M. M. Balsam. 1,909,086; May 16.
 Press for making talking machine records. E. B. Fernberg. 1,930,931; Oct. 17.
 Press for paper machines including screen faced roll. C. H. R. Johnson. 1,934,543; Nov. 7.
 Press for plastic material. J. L. Hunter. 1,893,234; Jan. 3.
 Press for solid materials containing liquids, Continuous. P. A. H. Villez. 1,929,129; Oct. 3.
 Press for tennis and like racquets. F. P. Gates. 1,914,086; June 13.
 Press for the production of rod or tube-shaped bodies, Extrusion. A. Born. 1,935,286; Nov. 14.
 Press mat. R. F. Werk. 1,937,076; Nov. 28.
 Press mechanism. A. A. Byerlein. 1,916,655; July 4.
 Press mechanism. R. W. Dinzel. 1,917,241; July 11.
 Press plate or the like and making the same. F. G. Polley. 1,929,824; Oct. 10.
 Press roll. J. W. Vedder. 1,938,444; Dec. 5.
 Press roll removing apparatus. E. T. Street. 1,917,164; July 4.
 Press section for paper machines, Primary. A. H. Standley, J. Edge, and E. T. Street. 1,925,972; Sept. 5.
 Press surge control, Hydraulic. W. Ernst. 1,940,668; Dec. 26.
 Press unit drive. H. A. W. Wood. 1,920,616; Aug. 1.
 Press unit drive. H. A. W. Wood. 1,924,584; Aug. 29.
 Press with pinion leverage. E. Davis. 1,898,293; Feb. 21.
 Pressed in sput. L. M. Bell. 1,893,980; Jan. 10.
 Pressed on hose coupling. J. P. Eastman. 1,926,270; Sept. 12.
 Presse foot, Channel cutting. H. W. Krag. 1,906,624; May 2.
 Presser-foot for zigzag stitching attachments. J. D. Karle. 1,928,593; Sept. 26.
 Presser foot mechanism. P. R. Glass. 1,920,252; Aug. 1.
 Presses, Apparatus for automatically stopping automatic power. C. D. McDonald. 1,893,427-8; Jan. 3.
 Pressing and cutting mechanism for automatic cutting, dividing, and kneading machines. G. Rausch. 1,926,242; Sept. 12.
 Pressing and ventilating apparatus. F. C. Wilhelm. 1,900,748; Mar. 7.
 Pressing board and stand therefor, Reversible. H. Schlesinger. 1,930,063; Oct. 10.
 Pressing machine. P. N. Braun. 1,899,847; Feb. 28.
 Pressing machine. B. W. Brockett. 1,896,217; Feb. 7.
 Pressing machine. E. Davis. 1,897,241; Feb. 14.
 Pressing machine. F. A. Heidenfelder. 1,934,922; Nov. 14.
 Pressing machine. G. W. Johnson. 1,896,516; Feb. 7.
 Pressing machine. R. C. Pauly. 1,896,496; Feb. 7.
 Pressing machine. Combination. E. A. Winnewisser. 1,938,883; Dec. 12.
 Pressing machines, Actuating mechanism for. E. Davis. 1,902,018; Mar. 21.
 Pressure accumulator for gases and liquids. A. Beldimano. 1,895,747; Jan. 31.
 Pressure adjusting means, Automatic. E. Davis. 1,907,146; May 2.
 Pressure alleviator. P. B. Levitt and T. S. Blair. 1,910,345; May 23.
 Pressure and apparatus therefor, Regulating. C. W. Foster. 1,926,519; Sept. 12.
 Pressure and flow control device for combustion indicators. G. R. Blodgett. 1,904,819; Apr. 18.
 Pressure applying mechanism. F. H. Dunbar. 1,922,886; Aug. 15.
 Pressure ball container. G. Miller. 1,911,125; May 23.
 Pressure brake, Fluid. C. C. Farmer and E. E. Hewitt. 1,919,422; July 25.
 Pressure brake, Fluid. T. H. Thomas. 1,919,401; July 25.
 Pressure control device. C. M. Cave, jr. 1,922,928; Aug. 15.
 Pressure control device for fleshing machines, etc., Pneumatic. E. H. Smith. 1,940,825; Dec. 26.
 Pressure control device for gas regulators. H. H. Sprague. 1,909,730; May 16.
 Pressure control valve. H. Albertine. 1,940,932; Dec. 26.
 Pressure controlled valve. W. W. Carson, jr. 1,917,698; July 11.
 Pressure controlled valve. E. B. Moore. 1,905,042; Apr. 25.
 Pressure controlling device for a liquid dispensing apparatus. W. H. Curtis. 1,900,333; Mar. 7.
 Pressure cooker clamp. G. E. W. Eck and A. F. Loefler. 1,941,294; Dec. 26.
 Pressure driven motor, Water. J. M. Gega. 1,892,831; Jan. 3.
 Pressure drum. H. J. Kerr and G. D. Ebbets. 1,902,862; Mar. 28.
 Pressure extractor. W. J. Asher. 1,939,757-8; Dec. 19.
 Pressure feed system for liquid fuel. E. Schmitt. 1,923,557; Aug. 22.
 Pressure fermentation of dough for bread and similar bakery products. W. F. Petersen. 1,923,880; Aug. 22.
 Pressure filling machine. R. Demka and R. Knapp. 1,898,004; Feb. 21.
 Pressure filter. W. W. Nugent. 1,909,308; May 16.
 Pressure filter. W. W. Nugent. 1,918,980; July 18.
 Pressure filter. W. W. Nugent. 1,919,034; July 18.
 Pressure fluid generator. H. Riess. 1,894,922; Jan. 17.
 Pressure fluid motor. C. F. Osgood. 1,929,445; Oct. 10.
 Pressure fluid operated tool. E. H. Shaff. 1,924,812; Aug. 29.
 Pressure fluid regulator. G. Köhler. 1,910,802; May 23.
 Pressure gauge. A. P. Brietzke. 1,894,153; Jan. 10.
 Pressure gauge. J. C. Crowley. 1,915,122; June 20.
 Pressure gauge. J. C. Crowley. 1,923,776; Aug. 22.
 Pressure gauge. J. C. Crowley. 1,930,039; Oct. 10.
 Pressure gauge. J. E. Eshbaugh. 1,909,857; May 16.
 Pressure gauge. G. E. Farley. 1,933,103; Oct. 31.
 Pressure gauge. W. W. Klyce. 1,895,802; Jan. 31.
 Pressure gauge. O. Ohlson. 1,921,001; Aug. 8.
 Pressure gauge. S. G. Tarr. 1,923,240; Aug. 22.
 Pressure gauge. J. Wahl. 1,894,648; Jan. 17.
 Pressure gauge. I. Wedin. 1,937,928; Dec. 5.
 Pressure gauge. J. Zubaty. 1,902,931; Mar. 28.
 Pressure gauge, Gearless type. H. H. Harada. 1,937,888; Dec. 5.
 Pressure indicating valve. P. C. and H. M. Fleck. 1,894,372; Jan. 17.
 Pressure indicator. J. H. Becker. 1,923,413; Aug. 22.
 Pressure indicator. R. H. Behrend and W. L. Day. 1,908,503; May 9.
 Pressure indicator. A. E. Bronson. 1,893,222; Jan. 3.
 Pressure measuring device. J. C. Albright. 1,922,834; Aug. 15.
 Pressure measuring instrument. J. M. Spitzglass. 1,930,113; Oct. 10.
 Pressure metering device. C. J. Eacock and C. H. Clauser. 1,940,792; Dec. 26.
 Pressure operated switch. W. D. Holsenbeck. 1,911,118; May 23.
 Pressure-operated two-way valve. B. H. Shinn. 1,925,610; Sept. 5.

- Pressure operated valve. A. Lundquist. 1,936,137; Nov. 21.
- Pressure operating balanced valve, High and low. F. Henneböhle. 1,936,715; Nov. 28.
- Pressure packed swing joint. D. A. Murphy and A. J. Hodge. 1,920,658; Aug. 1.
- Pressure pad. W. Ferris. 1,926,012; Sept. 5.
- Pressure producing means. W. L. Avery. 1,938,311; Dec. 5.
- Pressure pump. E. C. Ballman. 1,936,614; Nov. 28.
- Pressure pump, Automatic. A. Bornholt. 1,931,839; Oct. 24.
- Pressure recording device, Absolute. V. M. Chatfield. 1,922,882; Aug. 15.
- Pressure reducing valve. C. A. Dunham. 1,909,936; May 23.
- Pressure reducing valve. J. L. Fitts. 1,911,561; May 30.
- Pressure reducing valve. G. L. Holzapfel. 1,912,479; June 6.
- Pressure reducing valve. C. V. Lindbloom. 1,908,431; May 9.
- Pressure reducing valve. B. J. Sweeney. 1,893,254; Jan. 3.
- Pressure reducing valve. P. C. Temple. 1,934,832; Nov. 14.
- Pressure reducing valve, Automatic. P. Spence. 1,906,652; May 2.
- Pressure reduction control for automatic air brake mechanism. O. Seifferle. 1,913,997; June 13.
- Pressure regulating and relief valve. B. E. Horne. 1,903,338; Apr. 4.
- Pressure regulating device, Automatic. L. Gerard. 1,897,898; Feb. 14.
- Pressure regulating means for use in inflating and deflating pneumatic tires or the like. A. Mouro, R. T. Wawn, and M. Anderson. 1,915,899; June 27.
- Pressure regulator. R. M. Decker. 1,939,881; Dec. 19.
- Pressure regulator. R. C. Hughes. 1,897,517; Feb. 14.
- Pressure regulator. A. D. MacLean and C. B. Johnson. 1,921,365; Aug. 8.
- Pressure regulator. C. Mott and G. G. Spencer. 1,921,632; Aug. 8.
- Pressure regulator for thermostat control. R. Hetherington. 1,910,919; May 23.
- Pressure regulator, Paper calender. B. A. Malkin. 1,934,233; Nov. 7.
- Pressure regulators, Mechanism for automatically adjusting the operation of. I. C. Jennings. 1,934,504; Nov. 7.
- Pressure release gauge, Automatic. L. J. Wilcox. 1,900,533; Mar. 7.
- Pressure release valve. R. L. Leuchter. 1,906,165; Apr. 25.
- Pressure relief valve. R. G. Denk. 1,926,373; Sept. 12.
- Pressure-relief valve. L. N. McClellan, P. A. Kinzie, J. L. Savage, and C. M. Day. Re18,850; May 30.
- Pressure responsive device. R. Conrad. 1,927,153; Sept. 19.
- Pressure responsive device. H. C. Kellogg. 1,930,521; Oct. 17.
- Pressure responsive device. H. C. Kellogg. 1,934,548; Nov. 7.
- Pressure responsive device and diaphragm for use therein. H. S. Dolbey and E. S. Smith, Jr. 1,893,200; Jan. 3.
- Pressure responsive switch. E. A. Wallin and F. W. Neill. 1,928,193; Sept. 26.
- Pressure ring, Collapsible. P. L. O'Brien. 1,938,437; Dec. 5.
- Pressure signaling indicator. J. L. Swezey. 1,932,428; Oct. 31.
- Pressure supplying system. G. F. Yager and O. J. Heath. 1,939,586; Dec. 12.
- Pressure switch. C. F. Warner. 1,908,088; May 9.
- Pressure system for fluid filled cables, Semibalanced. G. B. Shanklin. 1,933,348; Oct. 31.
- Pressure to shoe bottoms, Apparatus for applying. E. E. Winkley. 1,927,969; Sept. 26.
- Pressure venting device for dry pipe sprinkler systems. E. Tyden. 1,900,262; Mar. 7.
- Pressure vessel. R. Stresau. 1,940,277; Dec. 19.
- Pressure vessel, Thick walled. R. Stresau. 1,933,772; Nov. 7.
- Pressure welding apparatus. F. J. Brown. 1,894,938; Jan. 24.
- Price card holder. C. F. Hooper. 1,938,965; Dec. 12.
- Price computer, Average. C. T. Foss. 1,927,702; Sept. 19.
- Price indicator. C. E. Kolb and R. M. Kneisley. 1,906,274; May 2.
- Price sign. R. L. Schwartz and W. P. Martin. 1,930,445; Oct. 10.
- Price ticket holder. L. Hopp. 1,924,858; Aug. 29.
- Price ticket holder. L. Hopp and W. Dill. 1,940,254; Dec. 19.
- Priceometer. E. S. Griffith. 1,920,173; Aug. 1.
- Prick punching machine. M. D. Fitzgerald. 1,925,034; Aug. 29.
- Primary battery, Air-depolarized. G. W. Helse. 1,899,615; Feb. 28.
- Primary disconnecting device. C. H. Hill. 1,936,469; Nov. 21.
- Prime mover control system. C. B. Taylor. 1,934,633; Nov. 7.
- Prime mover electric drive system. A. E. Müller. 1,933,870; Nov. 7.
- Prime mover, Suction driven. E. S. Cornell, jr. 1,926,527; Sept. 12.
- Prime movers, Apparatus for remote control of. F. E. Terrill. 1,937,607; Dec. 5.
- Prime movers, Governing. R. E. Davenport. 1,936,566; Nov. 21.
- Prime movers, Regulation of a plurality of. W. Kieser. 1,937,349; Nov. 28.
- Primer for engine driven rotary pumps. F. Schreiner. 1,933,123; Oct. 31.
- Primer for gas engines. A. L. Parker. 1,934,878; Nov. 14.
- Priming device, Automatic. W. Wilson. 1,902,603; Mar. 21.
- Priming mixture. J. E. Burns. 1,895,752; Jan. 31.
- Priming mixture. J. E. Burns. 1,928,780; Oct. 3.
- Priming mixture. J. D. McNutt. 1,930,653; Oct. 17.
- Print drier. H. H. Sullivan. 1,904,564; Apr. 18.
- Print guide. M. H. Murray and J. E. Nelson. 1,910,353; May 23.
- Print handling apparatus. W. J. Williams. 1,934,578; Nov. 7.
- Print handling means, Photographic. J. S. Greene. 1,911,115; May 23.
- Print lifting means, Latent. R. M. Joyce. 1,937,575; Dec. 5.
- Print storage and display device. I. B. Hickox. 1,938,831; Dec. 12.
- Print treating apparatus. J. S. Greene and P. Landrock. 1,894,092; Jan. 10.
- Printer, Optical. F. H. Owens. 1,921,835; Aug. 8.
- Printer's quoin. C. J. Vion. 1,904,581; Apr. 18.
- Printer's quoin chase. F. X. Smith. 1,938,359; Dec. 5.
- Printer's register hook. W. F. Brüggmann. 1,903,804; Apr. 18.
- Printer's registering device. E. F. Noell. 1,940,060; Dec. 19.
- Printer's roller. H. J. Lowe. Re18,857; June 6.
- Printer's roller. E. J. Smith. 1,926,312; Sept. 12.
- Printers' rollers, Process of and apparatus for coating. O. Linder and F. E. Wilson. 1,906,981; May 2.
- Printing. B. J. Kelly. 1,924,501; Aug. 29.
- Printing and apparatus therefor. J. W. Kemmler and W. C. Weigle. 1,937,087; Nov. 28.
- Printing and punching mechanism, Card. M. J. Hoffman. 1,919,219; July 25.
- Printing and slitting device. A. E. F. Moone. 1,923,946; Aug. 22.
- Printing apparatus. C. Chisholm. 1,905,344; Apr. 25.
- Printing apparatus. C. T. Pastor. 1,920,429; Aug. 1.
- Printing apparatus blanket and making same. L. Smith and F. Vogel. 1,938,301; Dec. 5.
- Printing attachment for adding machines. A. Oakland. 1,939,272; Dec. 12.
- Printing attachment for bag making machines. T. M. Avery and W. M. Seitzinger. 1,904,709; Apr. 18.
- Printing attachment for scales. J. W. Bryce. 1,896,284; Feb. 7.
- Printing block aligner. L. S. Rosener. 1,908,543; May 9.
- Printing composition. A. F. Caprio and W. Bowker. 1,931,485; Oct. 24.
- Printing, cutting, and scoring press. G. F. Ford and W. Pittman. 1,905,559; Apr. 25.
- Printing device. E. U. T. Berthelsen. 1,929,472; Oct. 10.
- Printing device. R. M. Dugdale. 1,928,685; Oct. 3.
- Printing device. W. T. Gollwitzer. 1,930,799; Oct. 17.
- Printing device. C. J. Hueber. 1,930,807; Oct. 17.
- Printing device. J. P. Jackson. 1,900,345; Mar. 7.
- Printing device. V. J. Mohler. 1,900,297; Mar. 7.
- Printing device. J. R. Peirce. 1,909,550; May 16.
- Printing device. E. F. Richter. 1,900,302; Mar. 7.
- Printing device for tabulating machines. J. S. Ogsbury and F. M. Carroll. 1,916,985; July 4.
- Printing die. R. B. Powers. 1,917,059; July 4.
- Printing, Discharge. F. B. Downing and R. G. Clarkson. 1,931,108; Oct. 17.
- Printing, Discharge. C. Dreyfus. 1,926,086; Sept. 12.
- Printing face forming apparatus. J. H. Harriman. 1,912,707; June 6.
- Printing for the blind. H. R. Jacqueroed. 1,936,089; Nov. 21.
- Printing forms, Photochemical production of aluminum. M. Thimann. 1,897,828; Feb. 14.
- Printing forms, Production of endless intaglio. K. Wolfsohn. 1,911,254; May 30.
- Printing from negative sound record to a positive, Apparatus for. E. I. Sponable. 1,900,853; Mar. 7.
- Printing hammer. Means to vary the blow of. F. H. Trego. 1,918,300; July 18.
- Printing, impressing, or embossing upon sheet or strip material. E. B. Fernberg. 1,938,564; Dec. 5.
- Printing instrumentalities for typewriting machines. F. H. Trego. 1,933,570; Nov. 7.
- Printing machine. G. C. Bauer. 1,919,051; July 18.
- Printing machine. L. Brenner. 1,909,844; May 16.
- Printing machine. J. A. Carlson. 1,931,284; Oct. 17.
- Printing machine. J. S. Duncan. 1,905,552; Apr. 25.
- Printing machine. C. F. Dysett. 1,939,882; Dec. 19.
- Printing machine. H. P. Elliott. 1,921,511; Aug. 8.
- Printing machine. B. Fassmann. 1,927,015; Sept. 19.
- Printing machine. B. Fassmann. 1,937,144; Nov. 28.
- Printing machine. W. T. Gollwitzer. 1,898,361; Feb. 21.
- Printing machine. W. T. Gollwitzer. 1,930,798; Oct. 17.
- Printing machine. W. T. Gollwitzer. 1,937,145; Nov. 28.
- Printing machine. C. G. Kranz. 1,919,954; July 25.

- Printing machine. C. G. Kranz. 1,937,119; Nov. 28.
 Printing machine. J. Krell. 1,913,890; June 13.
 Printing machine. J. Krell. 1,923,492; Aug. 22.
 Printing machine. C. M. Lamb. 1,926,983; Sept. 12.
 Printing machine. W. K. Miller. 1,920,419; Aug. 1.
 Printing machine. I. T. Nelson. 1,939,133; Dec. 12.
 Printing machine, Cylinder. F. W. Adsit and W. F. Benson. 1,911,048; May 23.
 Printing machine for making film strip slides from positive or negative motion picture films. G. R. Goergens. 1,923,087; Aug. 22.
 Printing machine for sensitized material. H. H. Sullivan. 1,922,461; Aug. 15.
 Printing machine. Key controlled. M. J. Hoffman. 1,905,288; Apr. 25.
 Printing machine, Rotary. J. R. Peirce. 1,896,555; Feb. 7.
 Printing machine, Rotary. H. W. Sanderson. 1,911,325; May 30.
 Printing machine, Rotary intaglio. A. Weiss. Re18,856; June 6.
 Printing machine, Rotary steel plate. F. C. Marquardt. 1,936,067; Nov. 21.
 Printing machine, Rotary web under-surface. F. C. Marquardt. 1,936,068; Nov. 21.
 Printing machine. Web-perfecting. J. A. Boyce. 1,909,518; May 16.
 Printing machines, Bed plate structure for. C. M. Lamb. 1,910,111; May 23.
 Printing machines, Delivering means for. T. C. Maley. 1,932,629; Oct. 31.
 Printing machines, Mechanism for inking the printing surfaces of rotary intaglio. F. Spence. 1,911,247; May 30.
 Printing machines, Sheet feeding mechanism for. I. A. Hunting. 1,941,093; Dec. 26.
 Printing machines, Sheet feeding mechanism for. K. Ziege. 1,905,548; Apr. 25.
 Printing machines, Sheet gripping device of. T. R. G. Parker, F. Spence, and G. H. White. 1,914,456; June 20.
 Printing machines, web renewing mechanism for. J. R. Tomlin. 1,904,571; Apr. 18.
 Printing mechanism. J. W. Bryce. 1,926,892; Sept. 12.
 Printing mechanism. F. M. Carroll. 1,916,964; July 4.
 Printing mechanism. P. Dechene. 1,902,060; Mar. 21.
 Printing mechanism for accounting machines. J. W. Bryce. 1,926,891; Sept. 12.
 Printing mechanism for accounting machines. F. M. Carroll. 1,921,453; Aug. 8.
 Printing mechanism for calculating machines. W. Ball. 1,938,168; Dec. 5.
 Printing mechanism for listing adding machines. G. J. Barrett. 1,906,304; May 2.
 Printing mechanism for tabulating machines. F. M. Carroll. 1,909,571; May 16.
 Printing, Method and apparatus for preventing offset in. T. E. Knowlton. 1,922,372; Aug. 15.
 Printing, Opposing offset in. W. W. Allen and A. L. Grammer. 1,927,381; Sept. 19.
 Printing or typing adding or subtracting machine or typing calculating machine. S. J. Herzstark. 1,893,081; Jan. 3.
 Printing plate. R. M. Dugdale. 1,912,437; June 6.
 Printing plate. G. R. Keltie. 1,941,148; Dec. 26.
 Printing plate. T. E. Richards. 1,938,667; Dec. 12.
 Printing plate base. H. J. Hammann. 1,930,009; Oct. 10.
 Printing plate clamp. H. A. W. Wood. 1,928,161; Sept. 26.
 Printing plate lock-up. H. A. W. Wood. 1,937,454; Nov. 28.
 Printing plate, Making a. T. E. Richards. 1,892,682; Jan. 3.
 Printing plate trimming machine. H. R. Trotter. 1,906,877; May 2.
 Printing plates and apparatus therefor, Accurately shaping. H. A. W. Wood. 1,933,885; Nov. 7.
 Printing plates, Making fine line. J. Kornmann. 1,920,405; Aug. 1.
 Printing press. H. V. Ball. 1,907,139; May 2.
 Printing press. M. W. Brueshaber. 1,915,150; June 20.
 Printing press. M. W. Brueshaber. 1,923,910; Aug. 22.
 Printing press. M. W. Brueshaber and H. Lang. 1,906,364; May 2.
 Printing press. F. P. Carlson. 1,901,284; Mar. 14.
 Printing press. C. S. Crafts. 1,898,034; Feb. 21.
 Printing press. F. Fallert. 1,900,923; Mar. 14.
 Printing press. H. Fankboner. 1,923,925; Aug. 22.
 Printing press. A. W. Gillman. 1,928,815; Oct. 3.
 Printing-press. C. W. Harold. 1,935,051; Nov. 14.
 Printing press. P. E. Jackson. 1,922,439; Aug. 15.
 Printing press. C. Paulsen. 1,910,359; May 23.
 Printing press. E. E. Phinney. 1,906,332; May 2.
 Printing press. G. M. Porter. 1,915,837; June 27.
 Printing press. C. G. Portchard. 1,900,664; Mar. 7.
 Printing press. H. F. Reardon. 1,924,288; Aug. 29.
 Printing press. J. F. Weendorfer. 1,908,466; May 9.
 Printing press, Bed and cylinder. C. B. Cottrell. 3d. 1,904,855-6; Apr. 18.
 Printing press, Bed and signal. C. B. Cottrell. 3d. 1,907,245; May 2.
 Printing press gauge. E. Memmler. 1,912,488; June 6.
 Printing press, Multicolor. L. W. Claybourn. 1,919,462; July 25.
 Printing press roller. L. C. Okerberg. 1,901,818; Mar. 14.
 Printing press, Web perfecting rotary. H. M. Barber. 1,898,610; Feb. 21.
 Printing presses, Attachment for. C. S. Carlson. 1,894,850; Jan. 17.
 Printing presses, Roll stand for. O. R. Wolf. 1,919,456; July 25.
 Printing presses, Selective head-line mechanism for. F. E. Jamison. 1,935,799; Nov. 21.
 Printing process employed in color photography. D. A. Spencer. 1,915,873; June 27.
 Printing, Raised. S. Lipsius. 1,928,668; Oct. 3.
 Printing register. J. F. Ohmer, R. B. Long, and H. W. Baker. 1,924,565; Aug. 29.
 Printing roller. F. J. Carroll. 1,906,738; May 2.
 Printing roller. C. G. Hampson. 1,908,237; May 9.
 Printing surface, Making. C. W. Bennett. 1,919,194; July 25.
 Printing telegraph. A. T. MacCoy. 1,923,273; Aug. 22.
 Printing telegraph arrangement for radio telephone systems. A. Bailey, J. Herman, and W. T. Wintringham. 1,910,458; May 23.
 Printing telegraph exchange system. A. F. Connery. 1,911,809; May 30.
 Printing telegraph exchange system. D. B. Perry. 1,926,172; Sept. 12.
 Printing telegraph exchange system. G. S. Vernam. 1,895,112; Jan. 24.
 Printing telegraph system. A. W. Breyfogel. 1,928,478; Sept. 26.
 Printing telegraph system. E. F. Watson. 1,939,613; Dec. 12.
 Printing unit. F. C. Frolander. 1,903,507; Apr. 11.
 Printing with pure primary colors and product, Imbibition. B. S. Tuttle. 1,900,140; Mar. 7.
 Prints, Apparatus for finishing half-tone. A. I. Steinberg. 1,908,076; May 9.
 Prints by contact on gaufered films, Continuous process and device for reproducing. R. Berthon. 1,922,615; Aug. 15.
 Prints, Making registered. H. C. Jones. 1,920,400; Aug. 1.
 Prints on to surfaces, Transferring. J. Werner. 1,897,875; Feb. 14.
 Prism anamorphoser. H. S. Newcomer. 1,898,787; Feb. 21.
 Prism carrier for projection machines. W. A. Kosken. 1,803,820; Apr. 18.
 Prism objective. Anamorphosing. H. S. Newcomer. 1,931,992; Oct. 24.
 Prism system affording parallel vision, Reversing. A. Konig. 1,900,241; Mar. 7.
 Prism locking system. L. J. White. 1,940,639; Dec. 19.
 Process and apparatus for removing solids from liquids. J. A. Barr. 1,917,819; July 11.
 Processing, Apparatus for. G. W. Mullen. 1,927,043; Sept. 19.
 Processing control, Apparatus for. C. W. Vogt. 1,940,473; Dec. 19.
 Processing tool. S. A. Cogsdill. 1,917,925; July 11.
 Producer, Gas generator. N. C. Jones. 1,907,388; May 2.
 Product and manufacture of same, Fibrous. R. B. Respass. 1,899,985; Mar. 7.
 Product containing ammonium nitrate and calcium carbonate, Manufacturing a. E. Johnson. 1,924,041; Aug. 22.
 Product of numbers, Method and machine for mechanically obtaining the. H. and B. Pinkel. 1,912,857; June 6.
 Production control assembly. O. K. Stephens. 1,893,602; Jan. 10.
 Production control for doughnut machines and the like. J. T. Ruch. 1,938,863; Dec. 12.
 Production controller. O. C. Roosen. 1,924,624; Aug. 29.
 Production of arylides of 2,3-hydroxynaphthoic acid. T. S. Kerr. 1,917,890; July 11.
 Production tester. G. A. Macready. 1,921,472; Aug. 8.
 Products comprising amorphous bodies. C. Ellis. 1,927,930; Sept. 26.
 Products containing oxygen from mixtures thereof with hydrocarbons, Separation of. W. Dietrich and M. Harder. 1,925,525; Sept. 5.
 Products from fractionating condensers, Recovering. L. W. Snell. Re18,722; Jan. 24.
 Products from hydrocarbon mixtures containing olefines, Generating useful. B. T. Brooks. 1,894,661; Jan. 17.
 Products having high stability to attrition from rubber materials, Production of. H. Mark and H. Hopff. 1,929,373; Oct. 3.
 Products of destructive hydrogenation, Recovery of the. M. Pier and K. Winkler. 1,933,069; Oct. 31.
 Products of formaldehyde and 1-amino-anthraquinone compounds being substituted in the 4-position, New condensation. R. E. Schmidt and R. Berliner. 1,898,399; Feb. 21.
 Products of the anthracene series and new anthraquinone derivatives, Making useful condensation. P. Grossmann. 1,898,953; Feb. 21.
 Program transmission. K. S. Johnson. 1,930,898; Oct. 17.
 Projectiles, Apparatus for loading. T. F. Knight and H. K. Williams, jr. 1,899,095; Feb. 28.
 Projectiles, Forming. O. Rinkel. 1,895,207; Jan. 24.
 Projectiles, Process and apparatus for electroplating. G. L. Dawson. 1,916,465; July 4.
 Projecting apparatus. A. B. Scott. 1,940,148; Dec. 19.
 Projecting lamp. G. H. Cushing. 1,914,846; June 20.
 Projecting machine. H. L. Cowan. Des. 88,949; Jan. 10.

- Projecting machine, Broad tape ticker. J. W. Decker. 1,932,399; Oct. 31.
- Projecting screen. T. Suzuki. 1,926,923; Sept. 12.
- Projection apparatus. E. Bausch and H. F. Kurtz. 1,934,582; Nov. 7.
- Projection apparatus. C. Dévé. 1,931,955; Oct. 24.
- Projection apparatus. E. C. Fritts. 1,939,209; Dec. 12.
- Projection apparatus. W. C. Merrill, jr. 1,939,597; Dec. 12.
- Projection apparatus. W. G. Wolfe. 1,900,966; Mar. 14.
- Projection indicator measuring instrument. E. H. Aldeborgh, P. D. Ritchey, L. G. Spealman, and C. E. Ruf. 1,928,001; Sept. 26.
- Projection machine. L. S. Frappier and E. Boecking. 1,933,549; Nov. 7.
- Projection machine. F. H. Owens. 1,919,595; July 25.
- Projection screen. H. Nagel. 1,897,273; Feb. 14.
- Projection screen. H. Nagel. 1,915,944; June 27.
- Projection system. D. F. Newman. 1,907,558; May 9.
- Projection system. A. McL. Nicolson. 1,906,215; Apr. 25.
- Projector. J. E. Foster. 1,905,932; Apr. 25.
- Projector. E. P. Knox. 1,929,360; Oct. 3.
- Projector and signaling lamp, Combined. J. Avato. 1,926,992; Sept. 12.
- Projector apparatus. G. B. Starr. 1,917,611; July 11.
- Projector comprising automatic picture changing means. A. Oswald. 1,901,819; Mar. 14.
- Projector, Episcopo. C. Semenitz. 1,902,907; Mar. 28.
- Projector, Microscopic. E. W. Bossing. 1,920,183; Aug. 1.
- Proof press. W. Heinecke. 1,897,757; Feb. 14.
- Proof press and inking mechanism therefor. R. O., E. O., F. R., and D. D. Vandercook. 1,898,605; Feb. 21.
- Proofing and baking apparatus. E. J. and F. X. Lauterbur. 1,938,294; Dec. 5.
- Proofs from the cast lines of type-bar casting machines, Producing. A. Gjaerder. 1,938,422; Dec. 5.
- Prop for mines and withdrawing the same. J. J. Staley. 1,895,053; Jan. 24.
- Propaganda distributor. J. E. Eshbaugh. 1,907,348; May 2.
- Propellant powder and making the same. W. E. Wagner. 1,924,967; Aug. 29.
- Propellant powder, Producing. O. J. Teeple, jr. 1,924,465; Aug. 29.
- Propeller. C. E. Brooks. 1,894,081; Jan. 10.
- Propeller. F. W. Caldwell. 1,893,612; Jan. 10.
- Propeller. E. W. Caywood. 1,927,919; Sept. 26.
- Propeller. A. Y. Dodge. 1,919,586; July 25.
- Propeller. R. R. Gobereau and L. E. Maujole. Re18,957; Sept. 26.
- Propeller. C. H. Havill. 1,893,861; Jan. 10.
- Propeller. C. H. Havill. 1,912,979; June 6.
- Propeller. C. H. Havill. 1,934,668; Nov. 7.
- Propeller. S. Heath. 1,904,733; Apr. 18.
- Propeller. E. R. Holmes and T. M. Shelton. 1,923,054; Aug. 15.
- Propeller. G. H. Houston. 1,899,689; Feb. 28.
- Propeller. E. G. Kontos. 1,895,252; Jan. 24.
- Propeller. R. P. Lansing. 1,920,086; July 25.
- Propeller. E. Macaluso. 1,895,043; Jan. 24.
- Propeller. T. R. MacMechen. 1,911,376; May 30.
- Propeller. B. B. McCrosky. 1,921,534; Aug. 8.
- Propeller. W. M. Minto. 1,900,839; Mar. 7.
- Propeller. W. R. Mobley. 1,910,443; May 23.
- Propeller. F. A. A. Pearson. 1,902,096; Apr. 21.
- Propeller. J. P. Rodriguez. 1,904,752; Apr. 18.
- Propeller. T. L. Smith. 1,917,610; July 11.
- Propeller. A. Soutier. 1,899,646; Feb. 28.
- Propeller. J. Squires. 1,897,536; Feb. 14.
- Propeller. J. Squires. 1,913,733; June 13.
- Propeller. J. Squires. 1,914,346; June 13.
- Propeller. J. Squires. 1,922,179; Aug. 15.
- Propeller. J. Squires. 1,940,333; Dec. 19.
- Propeller. W. Stelzer. 1,899,650; Feb. 28.
- Propeller. L. M. Woolson. 1,936,702; Nov. 28.
- Propeller, Aeronautical. W. J. Blanchard. 1,905,891; Apr. 25.
- Propeller and control means therefor. T. L. Smith. 1,893,661; Jan. 10.
- Propeller and flywheel. J. J. Novak. 1,919,961; July 25.
- Propeller and shaft coupling. M. Sobey. 1,895,402; Jan. 24.
- Propeller arrangement. M. Drexler. 1,899,434; Feb. 28.
- Propeller balance. N. V. Johnson. 1,903,817; Apr. 18.
- Propeller blade adjusting system. A. Pfau. 1,901,773; Mar. 14.
- Propeller blade, Heating, hardening, and tempering of hollow steel. J. H. McKee. 1,920,652; Aug. 1.
- Propeller blades and like articles, Apparatus for machining. L. T. Pearce. 1,893,443; Jan. 3.
- Propeller blades, Making. J. Squires. 1,925,854; Sept. 5.
- Propeller blades, Making. J. Squires. 1,927,247; Sept. 19.
- Propeller blades, Making. H. N. Wylie. 1,920,830; Aug. 1.
- Propeller blades, Method of and apparatus for making. J. Squires. 1,915,699; June 27.
- Propeller construction. B. L. Parker. 1,920,880; Aug. 1.
- Propeller construction. G. A. Wood. 1,894,478; Jan. 17.
- Propeller drive for outboard motors. L. J. Johnson. 1,931,075; Oct. 17.
- Propeller for aircraft. H. Junkers. 1,937,966; Dec. 5.
- Propeller for bottle filling machines. J. Kantor. 1,893,746; Jan. 10.
- Propeller having a transverse motion, Marine. G. Padis. 1,894,494; Jan. 17.
- Propeller hub. C. W. Lambert. 1,927,592; Sept. 19.
- Propeller, Hydraulic. D. G. Lilley. 1,894,047; Jan. 10.
- Propeller mechanism, Reversing and stopping. C. J. Nock. 1,923,995; Aug. 22.
- Propeller, Metallic. P. J. P. Ratier. 1,921,942; Aug. 8.
- Propeller mounting. W. J. Blanchard. 1,908,814; May 16.
- Propeller mounting, Airplane. E. C. Larson. 1,896,730; Feb. 7.
- Propeller pitch regulator. J. W. Bace. 1,919,875; July 25.
- Propeller powder and manufacture. O. W. Stivkland and E. Whitworth. 1,923,849; Aug. 22.
- Propeller, pump, or fan. E. S. G. Rees. 1,906,180; Apr. 25.
- Propeller, Variable pitch. R. Chilton. 1,907,504; May 9.
- Propeller, Variable pitch. J. Edman. 1,908,893; May 16.
- Propeller, Variable pitch. J. H. McCollough. 1,929,436; Oct. 10.
- Propeller, Variable pitch and reversible. J. H. McCollough. 1,929,435; Oct. 10.
- Propeller wheel for fans. A. H. Olson. 1,919,250; July 25.
- Propeller with automatic regulation. A. Ferrario. 1,901,953; Mar. 21.
- Propeller with variable pitch. M. J.-B. Barbarow. 1,930,548; Oct. 17.
- Propellers and rotative wing systems, Driving. S. P. Vaughn. 1,925,156; Sept. 5.
- Propellers, Making. F. Weinberg. 1,916,027; June 27.
- Propellers, Manufacture of. F. Gebers. 1,933,798; Nov. 7.
- Propelling and steering device. L. Ghiradi. 1,936,053; Nov. 21.
- Propelling and steering water or air ships. W. Voith. 1,922,606; Aug. 15.
- Propelling device. J. G. Steele. 1,921,893; Aug. 8.
- Propelling device for torpedoes with multiple turbine engines. G. Belluzzo. 1,935,539; Nov. 14.
- Propelling means. A. L. Widdis. 1,933,883; Nov. 7.
- Propelling mechanism. L. K. Wright. 1,939,156; Dec. 12.
- Propelling mechanism for airplanes. G. M. Bellanca. 1,919,682; July 25.
- Proportional control apparatus. E. D. Doyle. 1,930,353; Oct. 10.
- Proportioner. E. E. Jones and J. L. Knight. 1,929,693; Oct. 10.
- Propulsion device. W. T. Ensign. 1,915,156; June 20.
- Propulsion device, Buoyant. J. H. St. Martin. 1,928,511; Sept. 26.
- Propulsion means. W. R. Mobley. 1,937,525; Dec. 5.
- Propulsion means, Reaction. C. Margaglio. 1,918,277; July 18.
- Propylene, Producing. H. Rosenthal. 1,939,084; Dec. 12.
- Protected inking fabric. E. W. Sibley. 1,937,720; Dec. 5.
- Protecting and cooling means for dynamo-electric machines. L. Yost. 1,907,230; May 2.
- Protecting apparatus for insulators. K. A. Hawley. 1,940,591; Dec. 19.
- Protecting concrete while setting. I. C. Honegger. 1,909,177; May 16.
- Protecting device for electric distributing systems. L. G. Dupois and G. Tinel. 1,903,033; Mar. 28.
- Protecting device for electric lines. J. Fallou. 1,935,438; Nov. 14.
- Protecting means for rectifier-transformers. G. D. Bower. 1,924,906; Aug. 29.
- Protecting system. J. E. Johnson. 1,931,580; Oct. 24.
- Protective agent for meta styrene. H. J. Barrett and E. F. Izard. 1,896,504; Feb. 7.
- Protective apparatus. J. V. Breisky. 1,899,745; Feb. 28.
- Protective apparatus. L. F. Kennedy. 1,913,203; June 6.
- Protective apparatus. O. C. Traver. 1,895,355; Jan. 24.
- Protective apparatus. O. C. Traver. 1,919,969; July 25.
- Protective apparatus. A. R. van C. Warrington. 1,895,357; Jan. 24.
- Protective apparatus for electric systems, Supervision of. P. Kannengiesser. 1,919,066; July 18.
- Protective apparatus for electrical systems. E. R. Evans. 1,908,835; May 16.
- Protective arrangement. E. H. Bancker. 1,930,333; Oct. 10.
- Protective arrangement. H. T. Seeley. 1,906,817; May 2.
- Protective arrangement. J. G. Wellings, C. G. Mayo, and P. Mathews. 1,898,752; Feb. 21.
- Protective arrangement for sectionalized electric power circuits. H. W. Clothier, B. H. Leeson, and H. Leben. 1,919,092; July 18.
- Protective arrangements for electric installations. C. Meyer. 1,909,065; May 16.
- Protective coating composition. C. A. Thomas. 1,940,613; Dec. 19.
- Protective coupling for gas meters. H. G. Weymouth. 1,929,130; Oct. 3.
- Protective device. F. Gray. 1,903,996; Apr. 18.
- Protective device. E. R. Taylor. 1,929,570; Oct. 10.
- Protective device. J. D. Tebo. 1,904,569; Apr. 18.
- Protective device for apparatus subject to fire hazard. C. C. Whittaker. 1,914,187; June 13.
- Protective device for chlorinating apparatus. J. C. Baker. 1,923,044; Aug. 15.
- Protective device for control circuit of electric phonograph or the like. B. E. Mills. 1,924,619; Aug. 29.
- Protective device for electric induction furnaces. T. A. Feehan. 1,922,034; Aug. 15.

- Protective device for electrical apparatus. L. F. Blume and G. Camilli. 1,917,087; July 4.
- Protective device for induction furnace. F. T. Chesnut. 1,922,029; Aug. 15.
- Protective device for motor cars and other vehicles. R. Harzbecker. 1,936,054; Nov. 21.
- Protective device for packages of cigarettes. H. Brudney. 1,917,427; July 11.
- Protective device for walking beam pumping rigs. H. H. Dansboe. 1,902,492; Mar. 21.
- Protective device for wringer rolls. G. L. Tinkham. 1,915,702; June 27.
- Protective device, Overload. G. O. Wilms. 1,938,363; Dec. 5.
- Protective entrance to a burglar-proof safe. J. Wood. 1,905,547; Apr. 25.
- Protective layer on photographic films. M. Hagedorn. 1,904,221; Apr. 18.
- Protective means for banks. T. Russell. 1,927,953; Sept. 26.
- Protective means for electrical systems. E. B. Ferrell. 1,924,115; Aug. 29.
- Protective relay. C. L. Fortescue and R. D. Evans. 1,939,046; Dec. 12.
- Protective relay. A. Matthey-Doret and J. Stoecklin. 1,906,477; May 2.
- Protective sheath for hose. C. W. Leguillon. 1,925,901; Sept. 5.
- Protective structure. A. J. Roos. 1,898,396; Feb. 21.
- Protective system. J. V. Breisky. Re18,740; Feb. 14.
- Protective system. E. J. Burnham and R. N. Slinger. 1,911,055; May 23.
- Protective system. A. B. Chapman and A. H. Vadnais. 1,920,742; Aug. 1.
- Protective system. R. D. Evans. 1,896,773; Feb. 7.
- Protective system. R. D. Evans. 1,935,289; Nov. 14.
- Protective system. C. I. Hall. 1,927,795; Sept. 19.
- Protective system. J. Jonas. 1,903,001; Mar. 28.
- Protective system. J. Jonas. 1,906,468; May 2.
- Protective system. H. T. Seeley. 1,919,077; July 18.
- Protective system and radiant energy apparatus. W. F. Hemler. 1,920,861; Aug. 1.
- Protective system, Electric line. J. Jonas. 1,934,229; Nov. 7.
- Protective system, Electrical. M. Schleicher. 1,899,425; Feb. 28.
- Protective system for electric circuits. J. Stoecklin. 1,919,914; July 25.
- Protective system for electric current rectifiers. A. Greco. 1,903,451; Apr. 11.
- Protective system for fluid cooled tubes. L. A. Gebhard. 1,900,013; Mar. 7.
- Protective system for transformers. R. L. Brown. 1,899,746; Feb. 28.
- Protective system for transmission lines. R. R. Pittman. 1,937,166; Nov. 28.
- Protector. See—
- Apron protector. Instep protector.
- Arch protector. Journal protector.
- Banana protector. Legging protector.
- Bank protector. Manhole protector.
- Base protector. Mantle protector.
- Battery terminal protector. Mattress protector.
- Bedstead protector. Nose protector.
- Brake cylinder protector. Pipe and protector.
- Capacitor protector. Pipe protector.
- Cashier protector. Pipe thread protector.
- Check protector. Plant protector.
- Coffee protector. Receptacle protector.
- Drill pipe protector. Shade protector.
- Drop cord protector. Shirt protector.
- Eye protector. Shoe back and heel protector.
- Fabric roll edge protector. Shrubb protector.
- Face protector. Stocking protector.
- Finger protector. Thread protector.
- Flange protector. Thumb protector.
- Garment protector. Tree and wire protector.
- Gauge protector. Trousers protector.
- Guy wire protector. Tube protector.
- Hand protector. Tube seal protector.
- Hat protector. Water and feed protector.
- Heel protector. Window cleaner protector.
- Hose protector.
- Protector and supporter for plants. Z. Starks. 1,916,868; July 4.
- Protector for a nursing bottle and nipple thereof. J. Schneiderman. Des. 89,654; Apr. 18.
- Protector for a nursing bottle and nipple thereof. J. Schneiderman. Des. 90,684; Sept. 12.
- Protector for bearing for high speed spindles. C. T. Raulo. 1,899,164; Feb. 28.
- Protector for drill pipe and the like. J. W. MacClatchie. 1,903,467; Apr. 11.
- Protector for evergreens, hedges, and other plants. C. A. Righter. 1,933,280; Oct. 31.
- Protector for foods. T. Tighe, jr. 1,922,992; Aug. 15.
- Protector for oil burners. Safety. A. A. Da Silva. 1,897,503; Feb. 14.
- Protector for plants. Z. Starks. 1,904,700; Apr. 18.
- Protector for surgical operations. B. E. Pickett. 1,895,343; Jan. 24.
- Protector for threaded pipe ends. A. H. Riney. 1,906,182; Apr. 25.
- Protein preparations, Reinforced, stable, and sterile aqueous. G. P. Pitkin and C. W. Hooper. 1,906,236; May 2.
- Proteinases and carboxy-polypeptidases of the pancreas. Preparing. W. Neugebauer. 1,929,003; Oct. 3.
- Protractor. A. A. Van Winkle. 1,896,432; Feb. 7.
- Protractor, Adjustable. W. Lück. 1,894,107; Jan. 10.
- Proving ring. H. L. Whittemore and S. N. Petrenko. 1,927,478; Sept. 19.
- Pruning tool. R. C. Botsford. 1,922,877; Aug. 15.
- Psychological test machine. H. C. Lavery and F. F. White. 1,929,872; Oct. 10.
- Psychrometer. E. V. Hill. 1,900,813; Mar. 7.
- Puffed products. Production of. A. F. Anderson. 1,924,826-7; Aug. 29.
- Puffing machine, Pneumatic. L. Wenzel. 1,919,674; July 25.
- Pull board for railway stock cars. L. Larson and B. B. Tutwiler. 1,923,983; Aug. 22.
- Pull for a slide fastener. H. E. Houghton. Des. 89,961; May 23.
- Puller. See—
- Axe puller. Poultry sinew puller.
- Axle puller. Spike puller.
- Combination puller. Terminal puller.
- Drill puller. Tube puller.
- Drill-steel puller. Valve puller.
- Fence post puller. Weed puller.
- Fish tape puller. Wheel puller.
- Form puller. Wire puller.
- Post puller.
- Puller. T. C. Rush. 1,924,002; Aug. 22.
- Puller for well casings. J. List. 1,909,696; May 16.
- Puller, Valve. R. C. Williams. 1,918,578; July 18.
- Pulley, Adjustable belt. F. P. Connors. 1,897,720; Feb. 14.
- Pulley and mounting therefor. W. F. Richards. 1,904,535; Apr. 18.
- Pulley, Antislip belt. H. W. Teter. 1,939,325; Dec. 12.
- Pulley bearing. P. Avilla. 1,908,621; May 9.
- Pulley, Belt tightening. H. F. Wilhelm. 1,902,980; Mar. 28.
- Pulley block holding device, Heel. A. R. Campbell. 1,899,555; Feb. 28.
- Pulley, Door supporting. A. C. Farr. 1,932,134; Oct. 24.
- Pulley, Fair lead. F. H. McCullough. 1,927,241; Sept. 19.
- Pulley, Fan belt. F. T. Sweigart. 1,915,107; June 20.
- Pulley, Grooved. R. H. Bowen. 1,900,222; Mar. 7.
- Pulley, Grooved. F. T. Everson. 1,925,046; Aug. 29.
- Pulley, Motor. C. F. Elle. 1,898,433; Feb. 21.
- Pulley, Starting. R. J. Bartholomew. 1,896,506; Feb. 7.
- Pulley stile for window frames. F. Schafert. 1,895,209; Jan. 24.
- Pulley, Tramway carrying. E. Ostrander. 1,897,329; Feb. 14.
- Pulleys or the like, Oiling loose. J. D. Jones. 1,923,869; Aug. 22.
- Pulling implement. L. Haubert. 1,896,488; Feb. 7.
- Pulmonary ventilating apparatus. J. A. Heidbrink. 1,917,940; July 11.
- Pulp and apparatus therefor, Digesting. R. H. McKee. 1,905,731; Apr. 25.
- Pulp and dirt separator. H. D. Wells. 1,897,156; Feb. 14.
- Pulp and paper, Manufacture of. L. Bradley and E. P. McKee. 1,898,612; Feb. 21.
- Pulp, Apparatus for bleaching. H. John, C. C. Le Febvre, and H. Du Bois. 1,924,860; Aug. 29.
- Pulp article, Molded. M. P. Chaplin. 1,929,944; Oct. 10.
- Pulp article, Molded. M. P. Chaplin and W. E. Parsons. 1,929,945; Oct. 10.
- Pulp articles, Apparatus and method of drying. F. D. Gray. 1,893,497; Jan. 10.
- Pulp articles, Method of and apparatus for forming mold-d. W. H. Randall. 1,918,782; July 18.
- Pulp beating engine. E. Héry. 1,920,392; Aug. 1.
- Pulp board. H. L. Becher. 1,939,616; Dec. 12.
- Pulp board and making the same, Fire-resistant. H. L. Becher. 1,907,711; May 9.
- Pulp control apparatus and method. H. S. Coe. 1,908,691; May 16.
- Pulp, etc., Manufacture of. L. Bradley and E. P. McKee. 1,896,038; Jan. 31.
- Pulp, etc., Manufacture of. L. Bradley and E. P. McKee. 1,898,613; Feb. 21.
- Pulp fibering and hydrating machine and process. E. B. Fritz. 1,913,540; June 13.
- Pulp from colored rags, Manufacture of. S. Lenher and H. F. Lewis. 1,929,145; Oct. 3.
- Pulp from waste paper, Recovery of. F. H. Snyder and S. F. M. MacLaren. 1,933,227-8; Oct. 31.
- Pulp making process. M. Skolnik. 1,924,660; Aug. 29.
- Pulp, Method of and apparatus for blending. R. V. Bingham. 1,939,101; Dec. 12.
- Pulp, Method of and apparatus for treating. G. A. Richter and E. Eble. 1,899,106; Feb. 28.
- Pulp, Method of and machine for screening. A. J. Haug. 1,932,663; Oct. 31.
- Pulp molding machine. M. P. Chaplin. 1,920,292; Aug. 1.
- Pulp molding machine. H. P. G. Norstrand. 1,937,464; Nov. 28.
- Pulp or fiber to paper making machinery, Apparatus for feeding. A. G. Wakeman. 1,903,151; Mar. 28.
- Pulp, Preparing. U. S. McMillan. 1,913,607; June 13.
- Pulp, Process and apparatus in manufacture of wood. L. B. Decker. 1,908,324; May 9.
- Pulp, Producing puffed. J. E. Plumstead. 1,921,371; Aug. 8.

- Pulp, Production of. L. Bradley and E. P. McKeefe. 1,906,836; May 2.
- Pulp, Production of. L. Bradley and E. P. McKeefe. 1,909,929; May 23.
- Pulp, Production of. T. L. Dunbar. 1,901,706; Mar. 14.
- Pulp roving, Method of and machine for making. M. O. Schur and W. B. Meglitz. 1,910,407; May 23.
- Pulp screen. J. R. Dunbar. 1,908,828; May 16.
- Pulp screen. T. O'Connor. 1,937,526; Dec. 5.
- Pulp screen plate. R. Smith. 1,916,393; July 4.
- Pulp screening apparatus. C. Fancher. 1,928,479; Aug. 22.
- Pulp sheets, Method of and apparatus for slushing. W. T. Doyle. 1,910,382; May 23.
- Pulp stock and product therefrom, Sized. W. H. Randall. 1,918,781; July 18.
- Pulp stock, Method of and apparatus for treating. G. Knopp. 1,925,722; Sept. 5.
- Pulp treating machine. C. W. Morden. 1,915,862; June 27.
- Pulp treating process and the product. M. F. Parsons. 1,906,088; Apr. 25.
- Pulp without heat, Apparatus for producing. H. E. Ellis. 1,908,590; May 9.
- Pulpwood prior to drum barking, Method of and apparatus for barking. P. A. Paulson. 1,932,250; Oct. 24.
- Pulper. C. G. Muench. 1,928,601; Sept. 26.
- Pulps containing thermoplastic substances, Production of. H. C. Fisher. 1,925,584; Sept. 5.
- Pulps, Froth flotation process for slime-containing ore. M. S. Hansen. 1,900,850; Mar. 7.
- Pulsation apparatus. C. G. Suits. 1,921,787; Aug. 8.
- Pulsation apparatus. C. G. Suits. 1,921,789; Aug. 8.
- Pulsator for fuel pumps, Airdrome type. A. M. Babitch. 1,897,292; Feb. 14.
- Pulsator for milking machines. J. L. Hulbert. 1,924,931; Aug. 29.
- Pulsator for milking machines, Electric. C. H. Hapgood. 1,914,122; June 13.
- Pulverized fuel burner. E. H. Tenney. 1,920,117; July 25.
- Pulverized fuel furnace. E. Dietzel. 1,938,137; Dec. 5.
- Pulverizer. W. M. Hill. 1,911,193; May 30.
- Pulverizer. C. C. Jamieson. 1,902,857; Mar. 28.
- Pulverizer. G. H. Kaemmerling. 1,925,806; Sept. 5.
- Pulverizer. E. H. Peabody. 1,921,166; Aug. 8.
- Pulverizer. H. L. Wilkins. 1,897,744; Feb. 14.
- Pulverizer and separator. G. H. Fraser. 1,936,593; Nov. 28.
- Pulverizer, Hammer. J. Aube. 1,908,724; May 16.
- Pulverizer, Impact. N. H. Andrews and W. J. Willoughby. 1,935,344; Nov. 14.
- Pulverizing apparatus. M. Frisch. 1,898,086; Feb. 21.
- Pulverizing apparatus and the like. C. H. Corbishley. 1,899,015; Feb. 28.
- Pulverizing mill. G. B. Forbes. 1,898,823; Feb. 21.
- Pulverizing mill. O. da C. Schmidt. 1,938,045; Dec. 5.
- Pulverizing or crushing machine. E. E. Elzemeyer and H. C. Griesedieck. 1,927,207; Sept. 19.
- Pulverizing roller. C. Jass. 1,905,384; Apr. 25.
- Pulverulent material, Apparatus for conveying. P. Goebels. 1,935,843; Nov. 21.
- Pulverulent material, Conveying. M. Vogel-Jorgensen. 1,937,040; Nov. 28.
- Pulverulent materials, Fractionally separating. A. B. Cummins. 1,934,410; Nov. 7.
- Pump: See—
- Adjustable positive measuring pump.
- Air or liquid pump.
- Air pressure pump.
- Air pump.
- Bilge pump.
- Calibrated nonreversible pump.
- Car washing pump.
- Centrifugal pump.
- Compound pump.
- Condensation pump.
- Deep well oil pump.
- Diaphragm pump.
- Dispensing pump.
- Dredge pump.
- Electric fuel pump.
- Engine-operated pump.
- Fluid pressure pump.
- Fluid pump.
- Fuel oil injection pump.
- Fuel pump.
- Fuel supply pump.
- Gas or vapor pump.
- Gasoline dispensing pump.
- Gasoline pump.
- Gear pump.
- Grease dispensing pump.
- Grease pump.
- Hand spray pump.
- Heat pump.
- High pressure pump.
- Hydraulic pump.
- Hydrostatic pump.
- Jet pump.
- Liquefied gas pump.
- Liquid dispensing pump.
- Liquid lift pump.
- Liquid pump.
- Lubricant pump.
- Lubricating pump.
- Lubrication pump.
- Lubricator pump.
- Motor-driven pump.
- Motor pump.
- Multiple diaphragm pump.
- Oil pump.
- Oil well pump.
- Percolator pump.
- Pipe washing and cleaning pump.
- Piston pump.
- Plunger pump.
- Pneumatic displacement pump.
- Portable power pump.
- Portable pump.
- Power pump.
- Pressure pump.
- Reciprocating pump.
- Radial pump.
- Revolving cylinder pump.
- Rodless pump.
- Rotary and reciprocating pump.
- Rotary gear pump.
- Rotary plunger pump.
- Rotary pump.
- Rotary well pump.
- Silk spinning pump.
- Sirup pump.
- Spark plug pump.
- Spring injection fuel pump.
- Suction pump.
- Syrup pump.
- Tape puller.
- Tire pump.
- Turbine pump.
- Vacuum condensation pump.
- Water pump.
- Well pump.
- Well turbine pump.
- Pump. J. S. Abercrombie. 1,899,297; Feb. 28.
- Pump. J. S. Abercrombie, J. A. Tennant, and H. Allen. 1,899,298-9; Feb. 28.
- Pump. A. C. Andreasen. 1,906,354; May 2.
- Pump. A. L. E. Bernard. 1,939,603; Dec. 12.
- Pump. J. C. Bird. 1,909,517; May 16.
- Pump. C. G. Boone. 1,927,734; Sept. 19.
- Pump. H. O. Bowen and H. Krause. 1,932,881; Oct. 31.
- Pump. C. G. Branstrator. 1,917,821; July 11.
- Pump. R. S. Butler. 1,922,196; Aug. 15.
- Pump. A. L. Carter. 1,925,788; Sept. 5.
- Pump. P. O. Dorer. 1,898,348; Feb. 21.
- Pump. G. Evans. 1,929,813; Oct. 10.
- Pump. C. D. Fagan and R. W. Swank. 1,904,284; Apr. 18.
- Pump. H. Feldmeier and R. J. Wightman. 1,916,756; July 4.
- Pump. W. Ferris. 1,901,501; Mar. 14.
- Pump. W. Ferris. 1,930,163; Oct. 10.
- Pump. J. P. and W. Ferris. 1,925,378; Sept. 5.
- Pump. J. D. Fonville, jr. 1,912,575; June 6.
- Pump. J. C. Franke. 1,909,573; May 16.
- Pump. F. Frelin. 1,902,065; Mar. 21.
- Pump. C. G. G. G. 1,928,885; Oct. 3.
- Pump. A. D. Gardner. 1,898,659; Feb. 21.
- Pump. A. D. Gardner. 1,914,493; June 20.
- Pump. F. Gibson. 1,896,445; Feb. 7.
- Pump. J. V. Giesler. 1,936,328 Nov. 21.
- Pump. F. M. Gilstrap and F. W. Baurmann. 1,934,186; Nov. 7.
- Pump. F. H. Heitger. 1,905,284; Apr. 25.
- Pump. W. R. Hewitt. 1,895,623; Jan. 31.
- Pump. J. E. Holveck. 1,894,869; Jan. 17.
- Pump. M. R. Hull. 1,893,776; Jan. 10.
- Pump. A. V. Jensen. 1,923,268; Aug. 22.
- Pump. A. C. Kater, sr., and J. P. Humason. 1,930,839; Oct. 17.
- Pump. M. M. Klosson. 1,909,410; May 16.
- Pump. M. M. Klosson. 1,926,446; Sept. 12.
- Pump. A. R. Kuzelewski. 1,924,124; Aug. 29.
- Pump. H. E. La Bour. 1,908,635; May 9.
- Pump. H. E. La Bour. 1,915,678; June 27.
- Pump. H. E. La Bour. 1,922,050; Aug. 15.
- Pump. H. M. La Brie. 1,912,284; May 30.
- Pump. J. L. L. A. A. Moulet. 1,938,854; Dec. 12.
- Pump. J. R. Muirhead and J. W. Mills. 1,893,433; Jan. 3.
- Pump. E. R. Munn. 1,903,721; Apr. 11.
- Pump. E. G. Ofeldt. 1,936,853; Nov. 28.
- Pump. W. E. Pike. 1,923,883; Aug. 22.
- Pump. W. E. Pike. 1,928,738; Oct. 3.
- Pump. H. E. Quimby. 1,938,719; Dec. 12.
- Pump. I. B. Robertson. 1,903,555; Apr. 11.
- Pump. H. C. Roth. 1,941,141; Dec. 26.
- Pump. B. F. Schmidt. 1,929,451; Oct. 10.
- Pump. B. F. Schmidt. 1,934,740; Nov. 14.
- Pump. D. R. Scholes. 1,901,061; Mar. 14.
- Pump. O. S. Sleeper. 1,901,417; Mar. 14.
- Pump. J. A. Tennant. 1,899,364; Feb. 28.
- Pump. J. A. Tennant. 1,940,516; Dec. 19.
- Pump. W. P. Valentine. 1,930,293; Oct. 10.
- Pump. R. N. Vickers. 1,911,170; May 23.
- Pump. A. P. J. Voigt. 1,935,825; Nov. 21.
- Pump. G. Wallach. 1,896,727; Feb. 7.
- Pump. H. A. Weichhart. 1,922,721; Aug. 15.
- Pump and carburetor, Combination fuel. W. R. Hewitt. 1,902,403; Mar. 21.
- Pump and compressor. J. L. Kempthorne. 1,930,480; Oct. 17.
- Pump and compressor, Revolving plunger. S. A. Johnson. 1,908,612; May 9.
- Pump and ignition drive unit. G. W. La Salle. 1,895,632; Jan. 31.
- Pump and injection valve, Combined fuel. W. E. Goldsbrough. 1,911,499; May 30.
- Pump and meter pump, Gasoline. H. H. Wolfe. 1,926,324; Sept. 12.
- Pump and motor fluid transporting mechanism. J. M. Wolf. 1,907,378; May 2.
- Pump and motor, Hydraulic. G. Cuttat. 1,906,787; May 2.
- Pump and motor, Hydraulic. H. Thoma. 1,924,629; Aug. 29.
- Pump and strainer. G. H. Messer. 1,914,644; June 20.
- Pump assembly, Pipe line. D. J. Moran and E. O. Bennett. 1,908,627; May 9.
- Pump, compressor and the like, Rotary. J. Ekelöf. 1,906,141; Apr. 25.
- Pump construction. S. Dean. 1,900,223; Mar. 7.
- Pump construction. J. P. Hell, C. G. Eisenberg, jr., and G. L. Landry. 1,913,633; June 13.
- Pump construction. D. C. Jester. 1,914,021; June 13.
- Pump control for line casting machines. L. W. Willis. 1,927,764; Sept. 19.
- Pump controlling mechanism. W. E. Hughes. 1,920,985; Aug. 8.
- Pump dial, Illuminated. C. W. Hoffritz. 1,901,100; Mar. 14.
- Pump diaphragm. C. Mueser. 1,923,740; Aug. 22.
- Pump equalizer. G. F. Brakhage. 1,898,238; Feb. 21.
- Pump for centralized lubricating systems. O. U. Zerk. 1,924,673; Aug. 29.
- Pump for delivering measured quantities of liquid. W. M. Rolph. 1,929,564; Oct. 10.

- Pump for Diesel and other like forms of self-ignition engines employing airless or "solid" injection of liquid fuel substances, Fuel injecting. J. C. Groff. 1,922,538; Aug. 15.
- Pump for Diesel engines, Fuel. E. Wünterich. 1,897,290; Feb. 14.
- Pump for hydraulic hoists, Reversible. F. Biszantz. 1,893,125; Jan. 3.
- Pump for hydraulic systems. B. H. Shinn. 1,921,008; Aug. 8.
- Pump for internal combustion engines, Fuel. W. R. Griswold. 1,911,950; May 30.
- Pump for internal combustion engines, Fuel. H. Vonrüti. 1,898,916; Feb. 21.
- Pump for internal combustion engines, Liquid fuel injecting. R. W. Vigers and E. E. Chatterton. 1,917,169; July 4.
- Pump for internal combustion engines of the airless fuel injection type, Fuel supplying. J. C. Groff. 1,922,539; Aug. 15.
- Pump for internal combustion engines of the Diesel type, Fuel injection. H. D. Hill. 1,926,743; Sept. 12.
- Pump for lubricating apparatus. J. Bystricky. 1,924,707; Aug. 29.
- Pump for motor vehicles, Fuel. H. Hueber and E. C. Horton. 1,926,005; Sept. 5.
- Pump for multiple-cylinder two-stroke combustion engines or compressors, Charging. W. Steiger. 1,922,985; Aug. 15.
- Pump for oil engines, Fuel. M. J. Goldberg. 1,931,691; Oct. 24.
- Pump for outboard motors and the like, Gear. T. L. Smith. 1,893,662; Jan. 10.
- Pump for refrigerating apparatus. C. F. Geiger. 1,917,760; July 11.
- Pump for steam heating systems. O. Gylstrom. 1,932,037; Oct. 24.
- Pump for the conveyance of thick fluid pulps. A. Frøisland. 1,909,052; May 16.
- Pump for wells, Fluid operated. G. W. Canfield. 1,929,674; Oct. 10.
- Pump jack. W. H. Beitz. 1,911,666; May 30.
- Pump lubricating system. M. T. Archer. 1,931,473; Oct. 17.
- Pump machine, Rotary. G. E. T. Eyston. 1,897,190; Feb. 14.
- Pump machine, Rotary. G. E. T. Eyston. 1,922,797; Aug. 15.
- Pump manifold ball valve. E. M. Beebe. 1,938,369; Dec. 5.
- Pump mechanism. S. Dean. 1,920,363; Aug. 1.
- Pump mechanism. H. A. Palmer. 1,904,799; Apr. 18.
- Pump mechanism for effecting a pressure feed of liquids. W. P. Sillince. 1,894,834; Jan. 17.
- Pump of reversed type, Fuel. A. M. Babitch and G. W. Harry. 1,893,218; Jan. 3.
- Pump operating means, Fuel. A. M. Babitch and M. G. Hanson. 1,905,207; Apr. 25.
- Pump operating mechanism. L. J. Black. 1,897,108; Feb. 14.
- Pump operating mechanism. A. C. Nelson. 1,931,295; Oct. 17.
- Pump or compressor, Rotary. J. Ekelöf. 1,906,142; Apr. 25.
- Pump or motor, Balanced gear. H. F. Vickers. 1,937,367; Nov. 28.
- Pump or motor for hydraulic power transmission systems. W. C. Muller. 1,935,096; Nov. 14.
- Pump or motor for hydraulic transmissions, Hydraulic. R. J. Smith. 1,914,622; June 20.
- Pump or motor, Vane. H. F. Vickers. 1,898,914; Feb. 21.
- Pump or the like, Rotary. E. E. Greve. 1,921,747; Aug. 8.
- Pump plunger. G. E. Wendle. 1,934,781; Nov. 14.
- Pump plunger, Well. J. W. Pippin. 1,923,040; Aug. 15.
- Pump pulsation reducing device. P. Pirsch. 1,893,685; Jan. 10.
- Pump shaft, Packless turbine. G. S. Coats. 1,905,368; Apr. 25.
- Pump structure, Hydraulic. G. E. Dean and C. G. Willett. 1,937,471; Nov. 28.
- Pump unit. T. J. Kickler. 1,915,827; June 27.
- Pump unit. E. P. Larsh. 1,940,957; Dec. 26.
- Pump unit, Air and fuel. J. G. McKean and R. F. Jones. 1,916,626; July 4.
- Pump unit, Inclosed motor. J. A. Grier. 1,934,189; Nov. 7.
- Pump unit, Motor. F. D. Peltier. 1,928,300; Sept. 26.
- Pump valve. D. B. Evans. 1,938,418; Dec. 5.
- Pump valve. L. C. Huff. 1,896,237; Feb. 7.
- Pump valve. G. Meyer. 1,939,128; Dec. 12.
- Pump valve, Float actuated. G. F. Zellhoefer. 1,893,066; Jan. 5.
- Pump valve, Oil well. H. K. Wasson. 1,936,975; Nov. 28.
- Pump with lost motion lever, Fuel. A. M. Babitch. 1,893,217; Jan. 3.
- Pump with vibratory movement for gaseous fluids, Electro-magnetic. G. Nahman, R. Stratta, and E. Vernazza. 1,934,994; Nov. 14.
- Pump working head. S. H. Hobson. 1,906,965; May 2.
- Pump working head. S. H. Hobson. 1,910,766; May 23.
- Pumper. E. Timbs. 1,925,348; Sept. 5.
- Pumping apparatus. G. L. Ferguson. 1,893,616; Jan. 10.
- Pumping apparatus. G. L. Ferguson. 1,910,531; May 23.
- Pumping apparatus. H. H. Fitch and E. L. Frauenfelder. 1,940,410; Dec. 19.
- Pumping apparatus. S. A. Gutman. 1,896,358; Feb. 7.
- Pumping apparatus. F. W. Hild. 1,927,831; Sept. 26.
- Pumping apparatus. G. A. Humason. 1,901,031; Mar. 14.
- Pumping apparatus. J. F. Jaworowski. 1,902,076-7; Mar. 21.
- Pumping apparatus. L. A. Shortt. 1,921,265; Aug. 8.
- Pumping apparatus, Electrically operated. D. M. Pearson. 1,924,412; Aug. 29.
- Pumping apparatus, Hydroturbine. H. L. Nash. 1,904,321; Apr. 18.
- Pumping apparatus, Motor driven. P. H. Davey. 1,940,940; Dec. 26.
- Pumping apparatus, Oil well. W. H. Clapp. 1,909,659; May 16.
- Pumping assembly. M. Sol. 1,934,333; Nov. 7.
- Pumping device for internal combustion engines, Fuel. E. A. Rockwell. 1,919,040; July 18.
- Pumping jack. J. M. Wolf. 1,895,060; Jan. 24.
- Pumping means. S. A. Gutman. 1,938,329; Dec. 5.
- Pumping mechanism. H. T. Blom. 1,919,195; July 25.
- Pumping mechanism. H. H. Hunaeus. 1,927,497; Sept. 19.
- Pumping mechanism. J. A. Smith. 1,924,466; Aug. 29.
- Pumping system. J. C. Christian. 1,926,801; Sept. 12.
- Pumping system. H. E. La Bour. 1,902,961; Mar. 28.
- Pumping system. C. W. Millar. 1,913,557; June 13.
- Pumping system and apparatus therefor. W. C. Harper. 1,899,460; Feb. 28.
- Pumping system, Centrifugal. A. Peterson. 1,936,066; Nov. 21.
- Pumping system for grease. W. P. Valentine. 1,930,294; Oct. 10.
- Pumping system for oil burners. J. L. Mueller. 1,933,820; Nov. 7.
- Pumping system, Liquid counter-balanced. B. H. Scott. 1,900,588; Mar. 7.
- Pumping system, Pneumatically actuated. C. A. Butler. 1,937,423; Nov. 28.
- Pumping unit. A. G. Andrews. 1,903,653; May 9.
- Pumping unit. E. S. Crowl. 1,914,008; June 13.
- Pumping unit. R. H. and J. B. Stokes. 1,901,827; Mar. 14.
- Pumping unit. W. C. Trout. 1,895,181; Jan. 24.
- Pumping unit with friction clutch. G. Croom. 1,915,519; June 27.
- Pumpless washer. A. R. Thompson. 1,934,833; Nov. 14.
- Pumps, Attachment for dispensing and measuring. C. J. Beller and C. R. Yirava. 1,903,332; Apr. 4.
- Pumps, Gooseneck operating means for die casting. W. M. Lester. 1,908,032; May 9.
- Pumps, Making rotary gear. R. R. Witherell. 1,938,203; Dec. 5.
- Pumps, Mechanism for controlling the operation of centrifugal. H. E. Adams. 1,929,232; Oct. 3.
- Pumps, Priming liquid. A. C. Saxe. 1,910,775; May 23.
- Pumps, Self-serving attachment for liquid vending. F. J. McNamara. 1,911,281; May 30.
- Punch. C. T. Bradshaw. 1,922,614; Aug. 15.
- Punch. P. Peterson. 1,904,951; Apr. 18.
- Punch. A. L. Stowell. 1,940,438; Dec. 19.
- Punch and stripping means. G. F. Wales. 1,914,313; June 13.
- Punch, Can. J. F. Cutler. 1,919,711; July 25.
- Punch, Can. J. M. De Vilbiss. 1,895,378; Jan. 24.
- Punch, Gang. J. M. Cunningham. 1,916,966; July 4.
- Punch press. W. H. Slabaugh and H. E. Waner. 1,908,563; May 9.
- Punch press for forming sheet metal shells. M. A. McCreary. 1,935,854; Nov. 21.
- Punch press guard. E. D. Howell. 1,918,037; July 11.
- Punch press mechanism. W. R. Beatty. 1,926,576; Sept. 12.
- Punch press mechanism and automatic stop therefor. G. H. Leland. 1,916,379; July 4.
- Punch press, Synchronously operated. G. H. Leland. 1,916,380; July 4.
- Punch retainer mechanism. F. C. King. 1,910,296; May 23.
- Punch, Ticket. C. S. Davis. 1,939,669; Dec. 19.
- Punch, Ticket. A. R. Jorgenson and R. O. Moody. 1,909,360; May 16.
- Punch, Turret. E. J. Rollings. 1,940,883; Dec. 26.
- Punching apparatus. M. E. Fernald. 1,930,591; Oct. 17.
- Punching bag hanger. G. S. Davis. 1,911,065; May 23.
- Punching device, Rotary. J. D. Kreis. 1,910,395; May 23.
- Punching machine. A. H. Adams. 1,937,499; Dec. 5.
- Punching machine. C. A. Bergholtz. 1,931,468; Oct. 17.
- Punching machine. A. P. Blood. 1,932,571; Oct. 31.
- Punching machine. C. L. Werk, Jr. 1,928,680; Oct. 3.
- Punching mechanism, Pressure actuated. D. W. Hart. 1,935,897; Nov. 14.
- Punching press. M. S. Dickinson. 1,907,751; May 9.
- Punchings, Production of flat. J. C. Granfield. 1,915,989; June 27.
- Punting machine. D. M. Porter. 1,905,352; Apr. 25.
- Pupillary distance, Device for measuring. H. Clement. 1,935,175; Nov. 14.
- Puppet head. K. F. Brill. 1,921,502; Aug. 8.
- Purification apparatus. H. J. Schneiderwirth. 1,897,217; Feb. 14.
- Purifying an anthraquinone body. L. Ulich and R. E. Goodrich. 1,900,001; Mar. 7.
- Purifying art. I. D. Hubbell. 1,897,638; Feb. 14.

- Purifying device for air and gas and producing the same. G. K. E. H. Stampe. 1,937,446; Nov. 28.
- Purse and bill fold, Combined coin. J. J. Hess. 1,937,384; Nov. 28.
- Push bar. R. J. De Wees. 1,928,149; Sept. 26.
- Push button switch. G. H. Whittingham. 1,902,743; Mar. 21.
- Push-button switch, Multipole. W. Stabel. 1,931,711; Oct. 24.
- Push button valve. E. E. Hewitt. 1,935,979; Nov. 21.
- Push button valve. E. Palmieri. 1,911,286; May 30.
- Push drill. T. J. Fegley and G. O. Leopold. 1,904,679; Apr. 18.
- Push drill. T. J. Fegley and G. O. Leopold. 1,937,645; Dec. 5.
- Push or pull of motor vehicles to increase traction, Applying. A. B. Webb. 1,923,288; Aug. 22.
- Pushing and pulling implement. B. W. Harbaugh and C. J. Smith. 1,916,476; July 4.
- Pushpin package. A. Siegrist. 1,916,994; July 4.
- Putting device. R. E. Morris. 1,938,260; Dec. 5.
- Puzzle. W. Johnson. 1,918,754; July 18.
- Puzzle blank, Jig-saw. E. S. Cascadden. Des. 91,130; Dec. 5.
- Puzzle, Correspondence. I. E. Birdsall. 1,907,382; May 2.
- Puzzle set. J. L. Oberdorfer. 1,913,850; June 13.
- P-xylydine, Chlorination of. E. Havas and H. R. Lee. 1,930,752; Oct. 17.
- Pyracridone and making same. C. Rüth. 1,895,105; Jan. 24.
- Pyranthrone, Preparing. W. Dettwyler. 1,931,021; Oct. 17.
- Pyrazolones, Preparing substituted. H. Stenzl. 1,936,488; Nov. 21.
- Pyridinoanthraquinones, Halogenated. M. A. Kunz. K. Koerberle, and G. Kochendoerfer. 1,937,154; Nov. 28.
- Pyrometer. J. A. Obermaier. 1,936,140; Nov. 21.
- Pyrometer. C. B. Thwing. 1,900,779; Mar. 7.
- Pyrometer adapted to the control of temperature. J. Bridges. 1,893,134; Jan. 3.
- Pyrometer gauge. F. H. Johnson. 1,898,013; Feb. 21.
- Pyrometer tube. A. T. Kathner. 1,937,199; Nov. 28.
- Pyrometer with two filaments heated by the same source of current, Optical. H. Grüss, H. Klimitz, G. Haase, R. Schultze, and H. Miething. 1,908,977; May 16.
- Pyrophoric lighting mechanism and associated cane structure. L. V. Aronson. 1,930,501; Oct. 17.
- Pyrotechnic composition for producing yellow smoke. G. U. Graff. 1,920,254; Aug. 1.
- Pyrotechnic product and making the same. A. T. Berry. 1,932,722; Oct. 31.
- Pyrotechnical device. M. M. Adler. 1,936,221; Nov. 21.
- Pyroxylin, Compositing. F. C. Close. 1,916,880; July 4.
- Pyroxylin composition containing derivatives of ethylene glycol. R. H. Van Schaack, Jr., and R. Calver. 1,922,646; Aug. 15.
- Quadrangular tube. M. Ingenkamp. 1,897,126; Feb. 14.
- Quantity indicating devices for liquids. J. MacCallum, Jr. 1,896,637; Feb. 7.
- Quenching device. L. L. Whitney. 1,914,934; June 20.
- Quenching machine. H. B. Scott and R. E. McCoy. 1,904,986; Apr. 18.
- Quick acting coupling. R. C. Croslen. 1,893,132; Jan. 3.
- Quick detachable coupling. H. T. Parker. 1,929,190; Oct. 3.
- Quick service device. T. H. Thomas. 1,898,510; Feb. 21.
- Quilted goods and making the same. B. F. Klein. 1,924,935; Aug. 29.
- Quilter for sewing machines. V. Heck. 1,918,643; July 18.
- Quilting frame. A. M. James. 1,895,715; Jan. 31.
- Quilting frame. D. Wood. 1,923,247; Aug. 22.
- Quilting machine. J. F. Gail. 1,908,972; May 16.
- Quilting machine, Self-balanced. W. H. May. 1,937,491; Nov. 28.
- Quinizarine green and related products, Manufacture of. W. C. Meuly. 1,931,264; Oct. 17.
- Quinoline derivatives and the products, Manufacture of. F. Schönhöfer. 1,902,103; Mar. 21.
- Quinoline derivatives, New. F. Schönhöfer and H. Andersag. 1,938,047; Dec. 5.
- Quotation projecting or similar apparatus. A. D. Eitzen. 1,908,832; May 16.
- Race-starting gate. E. J. Healy. 1,916,951; July 4.
- Rack; See—
- Adjustable rack.
 - Adjustable stamp rack.
 - Bag rack.
 - Barrel hoisting and display rack.
 - Blue print rack.
 - Bottle display rack.
 - Bowling ball rack.
 - Brake lining rack.
 - Broom rack.
 - Burning rack.
 - Card rack.
 - Chair rack.
 - Clothes rack.
 - Coat rack.
 - Display card rack.
 - Display rack.
 - Drying rack.
 - Festooning rack.
 - Filling rack.
 - Fire hose rack.
 - Floral rack.
 - Foldable rack.
 - Garment rack.
 - Glass dipping rack.
 - Grease rack.
 - Hat and coat rack.
 - Hat and parcel rack.
 - Hose rack.
 - Knife rack.
 - Knockdown display rack.
 - Luggage and ski rack.
 - Luggage rack.
 - Lumber display rack.
 - Lumber rack.
 - Mortuary rack.
 - Necktie-rack.
 - Pencil display rack.
 - Pipe rack.
 - Portable supporting rack.
 - Rack; See—
 - Separable floral rack.
 - Sheet holding rack.
 - Shoe rack.
 - Snapper rack.
 - Staining rack.
 - Stationery rack.
 - Stock rack.
 - Storage rack.
 - Ticket rack.
 - Toilet paper rack.
 - Tool rack.
 - Trunk rack.
 - Valve service rack.
- Rack. H. L. Glidden. 1,900,053; Mar. 7.
- Rack. F. T. Johnson. 1,895,123; Jan. 24.
- Rack. A. Schmidt. 1,928,766; Oct. 3.
- Rack. L. O. Taylor. Des. 90,515; Aug. 15.
- Rack. W. N. Vance. 1,896,600; Feb. 7.
- Rack and advertising card, Combined display. W. Temple. Des. 90,739; Sept. 19.
- Rack and bench, Convertible luggage. R. H. Reiss. 1,926,859; Sept. 12.
- Rack and shelf construction. J. E. Bales. 1,929,467; Oct. 10.
- Rack and support therefor, Combined necktie. J. C. Bagnall. Des. 91,230; Dec. 26.
- Rack and utility table, Combined. A. E. Smith. 1,902,670; Mar. 21.
- Rack bars, Apparatus for cutting rack. P. Parr. 1,907,000; May 2.
- Rack for automobiles, Top. J. O. Chaney. 1,894,083; Jan. 10.
- Rack for canned goods, Display. T. F. Pharo, sr. 1,916,683; July 4.
- Rack for confection and food containers. J. C. Kapp. 1,940,091; Dec. 19.
- Rack for disk gramophone records. R. Grandjean. 1,914,564; June 20.
- Rack for electroplating. E. Sohn. 1,899,992; Mar. 7.
- Rack for film negatives, Supporting. A. and H. S. Bender. 1,909,566; May 16.
- Rack for holding gummed insoles. E. A. Ellis. 1,906,952; May 2.
- Rack for loose leaf ledgers. C. L. Harvey. 1,898,833; Feb. 21.
- Rack for meat blocks, Butcher's tool. J. G. Eastlack. 1,894,258; Jan. 17.
- Rack for presses, Sheet. F. S. English and R. H. Dodds. 1,938,325; Dec. 5.
- Rack for refrigerators, ovens, and like compartments. C. T. Hatch. 1,896,307; Feb. 7.
- Rack for supporting enameled ware. C. Kapner. 1,910,841; May 23.
- Rack for trousers. B. B. West and J. E. Bevington. 1,936,813; Nov. 28.
- Rack or similar article. H. E. De Vries. Des. 91,019; Nov. 14.
- Rack or similar article, Shoe. H. R. Perry and C. S. Jennings. Des. 90,548-9; Aug. 22.
- Rack or stand, Display. G. F. Brecht. 1,895,535; Jan. 31.
- Racket and manufacturing, Tennis. H. W. Hall. 1,898,485; Feb. 21.
- Racket and other play implement, Tennis. R. Bloomstrand. 1,917,236; July 11.
- Racket bow. H. W. Hall. 1,921,616; Aug. 8.
- Racket bow caul. H. W. Hall. 1,935,358; Nov. 14.
- Racket press. T. Stoik. 1,923,802; Aug. 22.
- Racket press. J. M. Thomson. Des. 90,129; June 13.
- Racket stringing vise. W. A. Bickel. 1,893,267; Jan. 3.
- Racket, Tennis. R. B. Munday. 1,919,072; July 18.
- Racket, Tennis or squash. R. H. Robinson. 1,937,787; Dec. 5.
- Rackets, Stringing tennis. S. Tauber and L. Fischmann. 1,938,562; Dec. 5.
- Rackets with strings, Stringing tennis. S. Tauber and L. Fischmann. 1,916,699; July 4.
- Radial bearing. C. G. Janson. 1,907,823; May 9.
- Radial motor. J. Newmann. 1,917,772; July 11.
- Radial pump. W. Ernst. 1,920,123; Aug. 25.
- Radiant energy, Amplification of. M. S. Hopkins, Jr. 1,920,863; Aug. 1.
- Radiant energy distance determining system. E. G. Gage. 1,939,685-6; Dec. 19.
- Radiant energy guiding system for airplanes. J. H. Hammond, Jr. and E. F. W. Alexanderson. 1,917,114; July 4.
- Radiant energy, System for the transmission and reception of. J. H. Hammond, Jr. 1,930,046; Oct. 10.
- Radiant energy, System of transmission of. J. H. Hammond, Jr. 1,915,786; June 27.
- Radiant energy, Transmission and reception of. J. H. Hammond, Jr. 1,915,785; June 27.
- Radiant gas heater. R. B. Guley. 1,939,549; Dec. 12.
- Radiant heater. F. W. Waterman, Jr. Des. 90,825; Oct. 3.
- Radiation device. E. F. Tilley. 1,932,610; Oct. 31.
- Radiations, Controlling. C. Mueller. 1,906,803; May 2.
- Radiator. N. Asp. 1,894,436; Jan. 17.
- Radiator. J. E. Belleau. 1,907,036; May 2.
- Radiator. I. T. Bennett and F. C. Reynolds. 1,920,779; Aug. 1.
- Radiator. G. W. Blackmore. 1,935,072; Nov. 14.
- Radiator. W. J. Caldwell. 1,893,270; Jan. 3.
- Radiator. G. C. Carnahan. 1,900,909; Mar. 14.
- Radiator. E. V. Daily. 1,906,949; May 2.
- Radiator. A. H. Davis, Jr., and P. Winsborough. 1,914,196-200; June 13.
- Radiator. H. Del Mar. 1,920,365; Aug. 1.

- Radiator. N. S. Diamant. 1,905,447; Apr. 25.
 Radiator. E. G. Doucet. 1,897,113; Feb. 14.
 Radiator. K. F. Hamacher. 1,915,226; June 20.
 Radiator. A. H. Hart. 1,935,025; Nov. 14.
 Radiator. T. S. Hart and P. M. Bush. 1,936,235; Nov. 21.
 Radiator. E. O. Haskins and T. W. Reynolds. 1,926,004; Sept. 5.
 Radiator. C. B. Higgins. 1,937,343; Nov. 28.
 Radiator. J. R. Holmes. 1,906,376; May 2.
 Radiator. J. R. Hughes. Des. 89,345; Feb. 28.
 Radiator. J. Karmazin. 1,940,804; Dec. 26.
 Radiator. L. Lithman. 1,938,434; Dec. 5.
 Radiator. T. E. McGrail. 1,924,998; Aug. 29.
 Radiator. A. B. Modine. 1,902,572; Mar. 21.
 Radiator. A. B. Modine. 1,902,880; Mar. 28.
 Radiator. A. B. Modine. 1,903,125; Mar. 28.
 Radiator. A. B. Modine. 1,906,077; Apr. 25.
 Radiator. A. B. Modine. 1,911,766; May 30.
 Radiator. J. B. Murray. 1,893,034; Jan. 3.
 Radiator. T. E. Murray. 1,895,482; Jan. 31.
 Radiator. C. A. Olson and J. P. Magos. 1,927,002; Sept. 12.
 Radiator. J. Palermi. 1,899,633; Feb. 28.
 Radiator. L. B. Pendleton. 1,927,991; Sept. 26.
 Radiator. E. Roser. 1,908,559; May 9.
 Radiator. E. W. Seaholm and G. E. Parker. 1,903,141; Mar. 28.
 Radiator. J. D. Soehner. 1,904,555; Apr. 18.
 Radiator. M. G. Steele. 1,940,152; Dec. 19.
 Radiator. A. G. Sutcliffe. 1,915,805; June 27.
 Radiator. J. B. Turner. 1,913,573; June 13.
 Radiator. E. E. Wayles. 1,898,327; Feb. 21.
 Radiator. R. S. Wentworth. 1,929,618; Oct. 10.
 Radiator. F. M. Young. 1,921,278; Aug. 8.
 Radiator. F. M. Young. 1,931,467; Oct. 17.
 Radiator. Airplane. J. A. White and H. Caminez. 1,923,404; Aug. 22.
 Radiator and filter therefor. J. Rendelman and W. Holstrum. 1,922,863; Aug. 15.
 Radiator and headlights or the like article, Combined. J. Schweizer. Des. 89,287; Feb. 14.
 Radiator and humidifier, Combined. T. S. Hart and P. M. Bush. 1,900,554; Mar. 7.
 Radiator and the like. F. H. Austen. 1,899,787; Feb. 28.
 Radiator attachment for bathtubs. A. Jönhsson. 1,927,745; Sept. 19.
 Radiator, Automobile. N. Krammer. 1,939,175; Dec. 12.
 Radiator, Automobile. M. Newman. 1,914,453; June 20.
 Radiator, Automobile. E. J. Pommer. 1,902,044; Mar. 21.
 Radiator bracket. C. A. Dieterich. 1,892,762; Jan. 3.
 Radiator cap. J. L. Baldwin. Des. 90,643; Sept. 12.
 Radiator cap. M. E. Cheney. 1,921,909; Aug. 8.
 Radiator cap. E. L. Gilbert. Des. 90,944; Oct. 31.
 Radiator cap. S. Klastorner. Des. 89,199; Feb. 7.
 Radiator cap. W. Nelson. 1,911,582; May 30.
 Radiator cap. K. E. Stant. 1,909,554; May 16.
 Radiator cap. K. E. Stant. 1,923,338; Aug. 22.
 Radiator cleaning machine. C. Marxman. 1,918,048; July 11.
 Radiator, Concealed. A. B. Modine. 1,893,146; Jan. 3.
 Radiator condenser, Automobile. P. L. Howe. 1,899,570; Feb. 28.
 Radiator construction. J. D. Erskine. 1,907,527; May 9.
 Radiator construction. H. Jaffe. 1,920,562; Aug. 1.
 Radiator construction. W. L. Mack. 1,899,099; Feb. 28.
 Radiator construction. J. F. McIntire. 1,909,782; May 16.
 Radiator construction. J. F. McIntire. 1,924,952; Aug. 29.
 Radiator construction. P. J. McIntyre. 1,940,964; Dec. 26.
 Radiator, Convection heating. R. C. Reichart. 1,926,792; Sept. 12.
 Radiator core. C. B. Higgins. 1,899,417; Feb. 28.
 Radiator core and shell assembly. A. F. Ihde. 1,906,969; May 2.
 Radiator cover. A. E. Blackman. 1,941,127; Dec. 26.
 Radiator cover, Sectional. O. Nusser. 1,922,603; Aug. 15.
 Radiator, Electric. J. E. Gannon and J. M. Winter. 1,892,882; Jan. 3.
 Radiator elements, Making. F. K. Hoffman. 1,902,779; Mar. 21.
 Radiator filling and draining device. W. J. Smith. 1,904,753; Apr. 18.
 Radiator filter. M. Berman. 1,933,409; Oct. 31.
 Radiator, Fin. A. L. Lambert. 1,895,287; Jan. 24.
 Radiator fin construction. W. C. Ritter. 1,927,325; Sept. 19.
 Radiator for hot water or steam. J. H. Long. 1,911,197; May 30.
 Radiator for motor vehicles. F. C. Ruppel. 1,922,901; Aug. 15.
 Radiator guard and making same. G. E. Whitlock. 1,927,328-9; Sept. 19.
 Radiator hanger. F. W. Fuller. 1,896,299; Feb. 7.
 Radiator hanger. D. W. Hickey. 1,906,591; May 2.
 Radiator, Heat. M. Unger. 1,895,947; Jan. 31.
 Radiator hood. A. H. Levene. 1,908,371; May 9.
 Radiator hood, fender, and head lamp casing, Combined. J. R. Hughes. Des. 89,377; Feb. 28.
 Radiator hose cutter. P. H. Rountree and C. A. Jackson. 1,913,291; June 6.
 Radiator inclosure. E. W. Gilbool. 1,909,173; May 16.
 Radiator inclosure, Motor vehicle. R. H. Dietrich. Des. 89,948; May 23.
 Radiator, Metal heat. G. Rosenqvist. 1,909,552; May 16.
 Radiator or the like. A. L. Stevens. Des. 90,960; Oct. 31.
 Radiator reaming, facing, and tapping machine. V. E. Flodin. 1,897,505; Feb. 14.
 Radiator, Rotating heat. W. D. Bell. 1,895,565; Jan. 31.
 Radiator, Sheet metal. I. T. Bennett. 1,898,028; Feb. 21.
 Radiator shell, Automobile. R. I. Schonitzer. 1,915,476; June 27.
 Radiator shell front. L. B. Green. Des. 89,568; Apr. 4.
 Radiator shutter. K. Forbes. Des. 89,503; Mar. 21.
 Radiator shutter. H. A. Paetznick. 1,914,863; June 20.
 Radiator shutter. E. G. Petersen. 1,910,905-6; May 23.
 Radiator shutter and shell assembly for automobiles. L. B. Green. 1,899,323; Feb. 28.
 Radiator, Sound. C. D. Haigis. 1,919,632; July 25.
 Radiator structure with humidifier. E. C. Rosenow. 1,909,189; May 16.
 Radiator support. G. I. Barclay. 1,901,074; Mar. 14.
 Radiator valve. W. C. Kalning. 1,937,763; Dec. 5.
 Radiator valve. J. R. Lawler. 1,941,359; Dec. 26.
 Radiator valve. W. B. Mackintosh. 1,920,757; Aug. 1.
 Radiator valve. P. F. Shivers. 1,916,814; July 4.
 Radiator valve. P. F. Shivers. 1,920,896; Aug. 1.
 Radiator valve. C. G. Thibedeau. 1,912,867; June 6.
 Radiator valve, Automatic thermostatic. J. J. Lawler. 1,905,942; Apr. 25.
 Radiator ventilating unit. C. C. Shipp. 1,907,450; May 9.
 Radiator with integral fins. C. A. Olson. 1,918,211; July 11.
 Radiators, Apparatus for deterging. J. Carmin. 1,908,955; May 16.
 Radiators, Deterging. J. Carmin. 1,908,954; May 16.
 Radiators, Forming. F. C. Reynolds. 1,921,041; Aug. 8.
 Radiators, Making. J. F. McIntire. 1,909,781; May 16.
 Radioactive substances, Preparing. K. Weil and K. Peters. 1,927,726; Sept. 19.
 Radio aerial. W. S. Block. 1,933,959; Nov. 7.
 Radio aerial. S. C. Haynes. 1,929,845; Oct. 10.
 Radio aerial attachment. E. V. Amy and F. King. 1,920,162; July 25.
 Radio amplifier. V. D. Landon. 1,918,975; July 18.
 Radio-amplifying circuits. W. J. Polydoroff. 1,940,228; Dec. 19.
 Radio and phonograph system, Remotely controlled. T. F. Bludworth, W. C. Blaisdell and J. B. Vachris. 1,932,766; Oct. 31.
 Radio and photographic recording and reproducing system, Combined. J. B. Browning. 1,920,628; Aug. 1.
 Radio and space radio receiving system, Combined wired. A. H. Hotopp, Jr. 1,922,045; Aug. 15.
 Radio antenna. I. O. Banks. 1,914,233-4; June 13.
 Radioantenna. V. F. Emerson and W. L. Edison. 1,933,321; Oct. 31.
 Radio antenna supporting and accessory structure. F. M. Ryan. 1,931,036; Oct. 17.
 Radio apparatus. H. A. Anderson. 1,904,668; Apr. 18.
 Radio apparatus. D. F. Asbury. 1,903,156; Mar. 28.
 Radio apparatus. C. Bond. 1,939,536; Dec. 12.
 Radio apparatus. J. A. Bricker and W. H. Stucker. 1,932,171; Oct. 24.
 Radio apparatus. H. M. Dressel. 1,935,354; Nov. 14.
 Radio apparatus. J. Q. Gaubert. 1,935,355; Nov. 14.
 Radio apparatus. C. D. Haigis. 1,899,684; Feb. 28.
 Radio apparatus. M. W. Kenney. 1,909,685; May 16.
 Radio apparatus. M. Mages. 1,926,749; Sept. 12.
 Radio apparatus. W. P. Place. 1,917,898; July 11.
 Radio apparatus. J. D. Reid. 1,936,069; Nov. 21.
 Radio apparatus. E. Rush. 1,932,710; Oct. 31.
 Radio apparatus. J. E. and J. C. Sampson. 1,931,012; Oct. 17.
 Radio apparatus. M. Sherman. 1,895,493; Jan. 31.
 Radio apparatus. W. S. Sutton. 1,906,189; Apr. 25.
 Radio apparatus. H. M. Threlkeld. 1,913,461; June 13.
 Radio apparatus. A. M. Trozner. 1,929,939; Oct. 10.
 Radio apparatus, Control means for. H. Hollerith, jr. 1,914,018; June 13.
 Radio—apparatus, Electrical—including. M. Bank. 1,922,415; Aug. 15.
 Radio apparatus, Extending frequency range of. M. J. Jelen. 1,895,247; Jan. 24.
 Radio apparatus, Nonmicrophonic. W. H. Grinditch. 1,895,989; Jan. 31.
 Radio base construction. D. H. Mills. 1,939,130; Dec. 12.
 Radio beacon. E. S. Donovan. 1,937,876; Dec. 5.
 Radio beacon course shifting method. F. G. Kear. 1,923,934; Aug. 22.
 Radio beacon, Short wave. R. H. Darbord. 1,937,748; Dec. 5.
 Radio beacon sources, Adjusting. H. Diamond. 1,910,427; May 23.
 Radio beacon system, Triple-modulation directive. H. Diamond and F. G. Kear. 1,913,918; June 13.
 Radio broadcasting and receiving. E. H. Armstrong. 1,941,067; Dec. 26.
 Radiocabinet. C. Bol. 1,920,741; Aug. 1.
 Radiocabinet. O. Ciccarelli. Des. 89,628; Apr. 18.
 Radiocabinet. L. Fuller and K. F. Schmidt. 1,923,818; Aug. 22.

- Radiocabinet. C. N. Grinnell and W. B. Stevenson. Des. 89,755; May 2.
- Radiocabinet. A. C. Haggstrom. Des. 89,441; Mar. 14.
- Radiocabinet. A. C. Haggstrom. Des. 90,657; Sept. 12.
- Radio cabinet. M. C. Hinckley. Des. 89,849; May 9.
- Radiocabinet. G. Lattarulo. Des. 90,664; Sept. 12.
- Radiocabinet. G. W. Oehlsen, jr. Des. 89,533; Mar. 21.
- Radiocabinet. M. C. Rosenow and A. L. Jenks. Des. 90,680; Sept. 12.
- Radiocabinet. M. Stansbury. Des. 91,219; Dec. 19.
- Radiocabinet. L. G. Stubbs. 1,898,224; Feb. 21.
- Radiocabinet. J. Taylor. Des. 89,097; Jan. 24.
- Radiocabinet. J. Taylor. Des. 89,599; Apr. 11.
- Radiocabinet. G. C. Vose. Des. 90,172; June 20.
- Radio cabinet and bookcase, Combination. M. Hanson. Des. 90,529; Aug. 22.
- Radiocabinet and desk, Combined. W. C. Kinggett. 1,935,570; Nov. 14.
- Radiocabinet and radio receiving set, Combined. F. E. Billings. Des. 90,867; Oct. 17.
- Radiocabinet or the like. M. Stansbury. 91,220-1; Dec. 19.
- Radio circuit. E. G. Parvin. 1,904,877; Apr. 18.
- Radio circuit. A. F. P. Stenzy. 1,904,889; Apr. 18.
- Radio circuit. R. P. Wuerfel. 1,900,629; Mar. 7.
- Radio circuit receiving system. C. D. Tuska. 1,925,291; Sept. 5.
- Radio circuits. L. L. Jones and J. Yolles. 1,909,968; May 23.
- Radio circuits, Arrangement for. W. Bushbeck. 1,899,939; Mar. 7.
- Radio circuits of sparking in the ignition system of an internal combustion engine, Eliminating the effects on. A. A. Leonard. 1,904,149; Apr. 18.
- Radio coils, Device for changing. E. H. Hand. 1,907,964; May 9.
- Radio communication, Multiplex. C. F. Jenkins. 1,914,570; June 20.
- Radio communication system. R. M. Heintz. 1,934,924; Nov. 14.
- Radio communication system, Two-way. R. C. Mathes. 1,922,627; Aug. 15.
- Radio compass. A. Leib. 1,935,883; Nov. 21.
- Radio control apparatus. J. E. White. 1,918,160; July 11.
- Radio control, Remote. W. N. Shaw. 1,925,991; Sept. 5.
- Radiocontrol, System of remote. L. T. Robertson. 1,905,503; Apr. 25.
- Radio controlled guide means and method for use in aircraft landing. W. S. Eaton. 1,926,616; Sept. 12.
- Radio demonstration apparatus. P. E. Klopsteg. 1,918,402; July 18.
- Radio device. N. R. Collins. 1,899,136; Feb. 28.
- Radio dial. J. G. Younger. 1,897,380; Feb. 14.
- Radio direction finder. E. Bruce and H. T. Friis. 1,916,358; July 4.
- Radio direction finder. T. L. Eckersley. 1,909,937; May 23.
- Radio direction finder. L. L. Kaess. 1,898,488; Feb. 27.
- Radio direction finder. A. Leib. 1,918,850; July 18.
- Radio direction finder. J. A. Procter. 1,931,680; Oct. 24.
- Radio direction finder. J. A. Willoughby. 1,912,284; May 30.
- Radio direction finder apparatus. A. Leib. 1,924,408; Aug. 29.
- Radio direction finding. P. H. Evans and J. W. Greig. 1,933,248; Oct. 31.
- Radio direction finding. J. C. Schelleng. 1,931,853; Oct. 24.
- Radio direction finding system. J. W. Greig and A. B. Bailey. 1,922,677; Aug. 15.
- Radio direction finding system. C. B. Mirick. 1,915,328; June 27.
- Radio direction indicating device. W. M. Jacobs. 1,940,547; Dec. 19.
- Radio direction, locating observation, and the like. F. L. E. Jacquemin. 1,919,556; July 25.
- Radioelectric standby device, Automobile. L. L. E. Chauveau. 1,932,925; Oct. 31.
- Radio equipment, Airplane. C. F. Jenkins. 1,893,287; Jan. 3.
- Radio figure. J. Hill. 1,927,453; Sept. 19.
- Radiofrequency amplifier. F. K. Vreeland. 1,903,394; Apr. 4.
- Radio frequency amplifier. L. Walsh. 1,894,503; Jan. 17.
- Radio frequency currents, Method and apparatus for amplifying. J. M. Avery. 1,894,578; Jan. 17.
- Radio frequency systems, Increasing the selectivity of tuned. C. V. Logwood. 1,900,293; Mar. 7.
- Radiogoniometer. H. Antranikian. 1,920,159; July 25.
- Radio goniometer. E. Bellini. 1,908,006; May 9.
- Radio ground. C. J. Aenenson. 1,904,773; Apr. 18.
- Radio indicator. W. L. Douden. 1,913,977; June 13.
- Radio instrument. C. R. Batzel. 1,940,342; Dec. 19.
- Radio interference, Reducing. E. N. Hyde. 1,896,819; Feb. 7.
- Radio junction box. H. P. Statler. L. F. Kearney, and M. H. Baxlor. 1,930,865; Oct. 17.
- Radio log and holder therefor. F. A. Smith. 1,921,103; Aug. 8.
- Radio map log. E. E. Elliott. 1,934,683; Nov. 14.
- Radiometer. H. W. Brodie. 1,911,426; May 30.
- Radiometer, Recording. H. L. Lyon. 1,911,456; May 30.
- Radio power supply apparatus. J. F. Dreyer, jr. 1,906,452; May 2.
- Radio program selecting apparatus. E. A. Kinney and J. W. Galligan. 1,939,267; Dec. 12.
- Radioreceiver. G. L. Beers. 1,915,483; June 27.
- Radioreceiver. H. Craig. 1,924,485; Aug. 29.
- Radioreceiver. W. F. Cotter. 1,908,119; May 9.
- Radioreceiver. C. M. Daly. 1,922,279; Aug. 15.
- Radioreceiver. R. C. Shermund. 1,898,792; Feb. 21.
- Radioreceiver and electrical phonograph, Combined. V. M. Graham. 1,897,557; Feb. 14.
- Radioreceiver, Automatically controlled. W. V. Roberts. 1,918,826; July 18.
- Radioreceiver control. B. Washington and W. Aull, jr. 1,918,674; July 18.
- Radio receiver for conveyances. L. M. Clement. 1,915,290; June 27.
- Radioreceiver, Frequency converting. R. D. Wyckoff. 1,940,519; Dec. 19.
- Radioreceiver power supply. R. M. Heintz. 1,902,235; Mar. 21.
- Radioreceiver, Regenerative. W. V. B. Roberts. 1,931,082; Oct. 17.
- Radioreceiver, Remotely controlled. W. Aull, jr. 1,918,683; July 18.
- Radioreceiver, Remotely controlled. C. E. Johnson. 1,927,983; Sept. 26.
- Radioreceiver, Stabilized. W. V. B. Roberts. 1,919,906; July 25.
- Radio receiver system. C. W. Housh. 1,912,140; May 30.
- Radio receiving and transmitting apparatus. H. W. Adey. 1,903,665; Apr. 11.
- Radio receiving apparatus. F. L. Capps. 1,905,216; Apr. 25.
- Radio receiving apparatus. C. D. Ehret. 1,922,155; Aug. 15.
- Radio receiving apparatus. A. H. Grebe. 1,895,792; Jan. 31.
- Radio receiving apparatus. A. H. Grebe. 1,937,564; Dec. 5.
- Radio receiving apparatus. M. W. Kenney. 1,935,401; Nov. 14.
- Radio receiving apparatus. F. H. Kroger. 1,917,307; July 11.
- Radio receiving apparatus. J. M. Miller. 1,934,940; Nov. 14.
- Radio receiving apparatus. G. W. Pickard. 1,907,571; May 9.
- Radio receiving apparatus. W. P. Place. 1,937,784; Dec. 5.
- Radio receiving apparatus. L. Shapiro. 1,907,594; May 9.
- Radio receiving apparatus. W. S. Stewart. 1,937,099; Nov. 28.
- Radio receiving apparatus. B. Washington. 1,911,253; May 30.
- Radio receiving apparatus and the like, Indicating control means for. F. L. Creager. 1,938,622; Dec. 12.
- Radio receiving set. S. W. Seeley. 1,932,232; Oct. 24.
- Radio receiving sets, Method and apparatus for testing. R. D. Hickok. 1,911,362; May 30.
- Radio receiving sets, Remote control systems for. E. H. Merritt. 1,918,857; July 18.
- Radio receiving system. E. V. Amy and J. G. Aceves. 1,938,092; Dec. 5.
- Radio receiving system. F. P. Andrews. 1,918,238; July 18.
- Radio receiving system. A. Badma. 1,903,420; Apr. 11.
- Radio receiving system. J. P. Barton. 1,905,260; Apr. 25.
- Radio receiving system. A. W. C. Boljahn. 1,902,352; Mar. 21.
- Radio receiving system. B. J. Chromy. 1,940,661; Dec. 26.
- Radio receiving system. P. H. Craig. 1,935,738; Nov. 21.
- Radio receiving system. M. M. Eells. 1,899,025; Feb. 28.
- Radio receiving system. P. O. Farnham. 1,919,160; July 18.
- Radio receiving system. J. E. Gardner. 1,897,252; Feb. 14.
- Radio receiving system. A. G. Jensen. 1,932,465; Oct. 31.
- Radio receiving system. W. T. Lewis and A. R. Woolfolk. 1,923,155; Aug. 22.
- Radio receiving system. W. W. Macalpine. 1,892,704; Jan. 3.
- Radio receiving system. V. C. Macnabb. 1,895,809; Jan. 31.
- Radio receiving system. V. C. Macnabb. 1,896,825; Feb. 7.
- Radio receiving system. R. S. Ohl. 1,922,059; Aug. 15.
- Radio receiving system. R. S. Ohl. 1,940,097; Dec. 19.
- Radio receiving system. S. W. Place. 1,926,173; Sept. 12.
- Radio receiving system. A. S. Riggs. 1,901,121; Mar. 14.
- Radio receiving system. C. Travis. 1,908,381; May 9.
- Radio receiving system. C. Travis. 1,909,239; May 16.
- Radio receiving system. A. G. D. West. 1,933,778; Nov. 7.
- Radioreceiving system, Multiple range. H. O. Roosenstein. 1,897,735; Feb. 14.
- Radio receiving system, Remote control. R. H. Manson and V. M. Graham. 1,926,393; Sept. 12.
- Radio receiving system, Remotely controlled. V. M. Graham. 1,913,482; June 13.
- Radio receiving system, Wired. A. H. Hotopp, jr. 1,922,623; Aug. 15.

- Radio reception apparatus. R. S. Blair. 1,938,683; Dec. 12.
- Radio reception regulation, Wired. P. Taetz. 1,915,768; June 27.
- Radio reception, Remote controlled. M. Alden. 1,930,029; Oct. 10.
- Radio reception, Selective. J. H. Hammond, jr. 1,900,283; Mar. 7.
- Radio signaling. E. H. Armstrong. 1,941,068; Dec. 26.
- Radiosignaling. E. H. Armstrong. 1,941,069; Dec. 26.
- Radiosignaling. L. Cohen. 1,932,397; Oct. 31.
- Radiosignaling. A. W. Slaght. 1,933,153; Oct. 31.
- Radio signaling means. D. G. Little and N. C. Deffenbaugh. Re18,895; July 18.
- Radio signaling system. E. H. Armstrong. 1,941,066; Dec. 26.
- Radio signaling system. A. L. Budlong. 1,909,805; May 16.
- Radio signaling system. L. T. Hinton. 1,907,109; May 2.
- Radio signaling system. M. L. Levy. 1,901,350; Mar. 14.
- Radio signaling system. W. L. Seibert. 1,912,387; June 6.
- Radio signaling system. A. H. Taylor. 1,904,772; Apr. 18.
- Radio station selector. H. V. Grimes. 1,904,219; Apr. 18.
- Radio station selector, Automatic. W. Faas. 1,928,200; Sept. 26.
- Radio steering device, Directional. E. A. Sperry, jr., and B. A. Wittkuhn. 1,896,805; Feb. 7.
- Radio system. G. A. Mahone. 1,898,675; Jan. 10.
- Radio system. S. P. Nixdorf. 1,913,209; June 6.
- Radio system, Centralized. J. L. Whittaker. 1,920,775; Aug. 1.
- Radio system, Duplex. W. H. T. Holden. 1,935,744; Nov. 21.
- Radio telegraph and telephone reception. L. E. Thompson. 1,929,086; Oct. 3.
- Radiotelegraph system. J. G. Holmström. 1,899,196; Feb. 28.
- Radio telegraphic and telegraphic receiving system. P. C. Ricchiardi. 1,914,043; June 13.
- Radio telephone and telegraph system, Combined. R. A. Heising. 1,895,461; Jan. 31.
- Radio telephone signaling. E. H. Armstrong. 1,941,447; Dec. 26.
- Radio telephony. H. S. Polin. 1,917,995; July 11.
- Radiotimer. S. J. Schweger. 1,937,391; Nov. 28.
- Radio timing device. M. E. Keller. 1,907,296; May 2.
- Radio transmission and reception, Apparatus and method for. J. S. Stone. 1,919,309; July 25.
- Radio transmission and reception, System and method of. J. H. Hammond, jr. 1,915,784; June 27.
- Radio transmission system. J. H. Hammond, jr. 1,895,459; Jan. 31.
- Radio transmitter device. H. P. Miller, jr., and J. F. Farrington. 1,938,082; Dec. 5.
- Radio transmitter system. H. P. Miller, jr. 1,916,229; July 4.
- Radio transmitting system. F. Gerth and E. Kramar. 1,931,864; Oct. 24.
- Radiotube. A. B. Du Mont. 1,898,351; Feb. 21.
- Radiotube. R. H. Fidler. 1,895,506; Jan. 31.
- Radio tube. F. D. Wieneke. 1,893,756; Jan. 10.
- Radiotube base pin locating device. H. Palm. 1,920,662; Aug. 1.
- Radio tube comparator. D. Taylor. 1,896,726; Feb. 7.
- Radio tuner. L. J. Lesh. 1,934,722; Nov. 14.
- Radio tuning control. C. M. Tichenor. 1,937,996; Dec. 5.
- Radio tuning device. L. S. Hubbell. 1,909,538; May 16.
- Radio tuning device. G. Wald. 1,917,077; July 4.
- Radio tuning method. R. H. Langley. 1,897,312; Feb. 14.
- Radio tuning system. W. H. Hoffman and D. H. Mix. 1,941,090; Dec. 26.
- Radiounit, Floor. E. F. Andrews. 1,922,008; Aug. 8.
- Radiograph illuminator. M. Morrison. 1,911,962; May 30.
- Radio graph marking means and making the same. H. S. Sawford. 1,922,822; Aug. 15.
- Radiographic apparatus. J. R. Kelley. 1,895,546; Jan. 31.
- Radiographic apparatus. J. R. Kelley. 1,922,730; Aug. 15.
- Radiographic apparatus. J. R. Kelley. 1,926,902; Sept. 12.
- Radiographic apparatus. J. R. Kelley. 1,938,455; Dec. 5.
- Radiographic apparatus. W. S. Werner. 1,917,625; July 11.
- Radiographs, Marking. H. S. Sawford. 1,922,823; Aug. 15.
- Radiography. E. W. Page. 1,939,829; Dec. 19.
- Radius attachment for milling, planing, grinding, or scraping machines, Variable. V. L. Emerson. 1,901,952; Mar. 21.
- Rail anchor and making the same. H. G. Warr. 1,896,653; Feb. 7.
- Rail and flange, lubricator. C. A. Miller. 1,936,481; Nov. 21.
- Rail and flange oiler. W. Kropp. 1,918,406; July 18.
- Rail and hook, Display. E. W. Christy. 1,930,965; Oct. 17.
- Rail and wheel flange lubricator. C. Stern. 1,918,146; July 11.
- Rail band and making same. S. Moreira. 1,933,444; Oct. 31.
- Rail bond. E. M. Deems. 1,938,563; Dec. 5.
- Rail bond and clamp, Combined. B. A. Smith. 1,906,115; Apr. 25.
- Rail bond and connecting plate, Combination. V. L. Martin. 1,922,105; Aug. 15.
- Rail Bonding. F. H. Neff. 1,933,564; Nov. 7.
- Rail brace. W. Koch and M. Rogers. 1,895,193; Jan. 24.
- Rail clamp. C. W. Grimm. 1,918,905; July 18.
- Railclamping device. H. H. Talboys. 1,935,753; Nov. 21.
- Rail ends, Reforming. C. A. Daley. 1,924,838; Aug. 29.
- Rail fastener. F. B. Rager. 1,934,142; Nov. 7.
- Rail fastening. W. Kaempf. 1,936,965; Nov. 28.
- Rail fissure detector. D. C. Bettison and F. H. Keaton. 1,892,826; Jan. 3.
- Rail fissure detector. H. C. Drake. 1,907,755; May 9.
- Rail fissure detector. H. C. Drake. 1,912,569; June 6.
- Rail fitting, Guard. J. Blackburn. 1,909,332; May 16.
- Rail flange lubricator. C. Stern, D. W. Davis, and H. C. Gillespie. 1,918,144; July 11.
- Rail, Foot. M. Booth. 1,919,583; July 25.
- Rail for beds, Lee. C. H. Busch. 1,915,774; June 27.
- Rail for roller screens, Bottom. S. B. Jacobs and M. Siegel. 1,914,431; June 20.
- Rail grinding machine, Portable. S. R. Oldham and F. C. Hasse. 1,937,665; Dec. 5.
- Rail, Hanger. F. A. Brewer. 1,909,334; May 16.
- Rail joint. J. Brunner. 1,900,975; Mar. 14.
- Rail joint. R. Faries. 1,899,265; Feb. 28.
- Rail joint. R. Faries. 1,917,832; July 11.
- Rail joint. R. Faries. 1,924,634; Aug. 29.
- Rail joint. L. J. Walker. 1,937,075; Nov. 28.
- Rail joint. I. Wolff. 1,911,595; May 30.
- Rail joint and producing same. L. Katona. 1,907,979; May 9.
- Rail joint bar. G. Langford. 1,935,722; Nov. 21.
- Rail joint bars, Reforming. G. Langford. 1,935,473; Nov. 14.
- Rail joint chair. A. McDermott. 1,899,819; Feb. 28.
- Rail joint clamp. P. W. Elmore. 1,895,030; Jan. 24.
- Rail-joint connection. O. Reifurth and A. Moller. 1,919,131; July 18.
- Rail locator for brushes of fissure detector cars, Automatic. W. M. Perry and G. L. Jones. 1,899,525; Feb. 28.
- Rail lubricator. R. S. Mennie. 1,941,265; Dec. 26.
- Rail puller and expander. F. J. Jakoubek and E. Pachowicz. 1,895,664; Jan. 31.
- Rail retaining member. R. Faries and R. H. Boyd. 1,925,717; Sept. 5.
- Railroad crossing. H. E. White. 1,939,425; Dec. 12.
- Railroad crossing, Automatic. J. Setz. 1,933,284; Oct. 31.
- Railroad crossing gate. M. A. Monge and L. P. Villalba. 1,941,017; Dec. 26.
- Railroad crossing gate apparatus. J. W. Jenkins. 1,934,429; Nov. 7.
- Railroad crossing gate, Automatic. H. A. Butts. 1,914,359; June 20.
- Railroad crossing, Highway. A. Humphries. 1,932,895; Oct. 31.
- Railroad crossing sign. R. P. Schiffmann. 1,901,879; Mar. 21.
- Railroad rolls, Process and apparatus for rerolling. W. H. Williams. 1,910,271; May 23.
- Rail sawing and drilling apparatus. J. A. McGrew. 1,934,990; Nov. 14.
- Rail splice. C. A. Lind. 1,896,964; Feb. 7.
- Rail support and fastening means. W. S. Boyce. 1,902,615; Mar. 21.
- Rail terminal, Solderless. A. J. Vallee. 1,906,673; May 2.
- Rail, Towel. L. Jenkinson. 1,905,938; Apr. 25.
- Railway. J. L. Getaz. 1,908,673; May 9.
- Railway and like sleeper. A. H. Harvey. 1,906,006; Apr. 25.
- Railway brake. P. B. Camp. 1,906,367; May 2.
- Railway brake. W. A. Newman. 1,893,300; Jan. 3.
- Railway braking apparatus. H. L. Bone. 1,894,728; Jan. 17.
- Railway clearance indicator. M. W. Clement, R. L. Kleine, and J. W. Rowland. 1,936,828; Nov. 28.
- Railway crossing. G. F. Blair. 1,908,677; May 16.
- Railway crossing. B. E. and W. E. Gallaspy. 1,934,763; Nov. 14.
- Railway crossing gate, Automatic. F. Kahler. 1,932,075; Oct. 24.
- Railway draft appliance. W. J. Regan. 1,908,542; May 9.
- Railway draft appliance. W. J. Regan. 1,936,856; Nov. 28.
- Railway draft gear. D. S. Barrows. 1,930,849; Oct. 17.
- Railway draft rigging. H. J. Lounsbury. 1,922,703; Aug. 15.
- Railway draft rigging. J. F. O'Connor. 1,929,604; Oct. 10.
- Railway electrification, System of. J. M. Fay and J. J. Drumm. 1,932,961; Oct. 31.
- Railway gate. W. P. Zent. 1,911,417; May 30.
- Railway journal box. J. A. Pilcher. 1,930,558; Oct. 17.
- Railway light signal. C. W. Dalzell. 1,940,903; Dec. 26.
- Railway light signal. B. E. O'Hagan. 1,940,916; Dec. 26.
- Railway motor. D. T. Williams. 1,916,242; July 4.
- Railway rails, Device for handling. J. E. Busby. 1,919,090; July 18.
- Railway rolling stock. F. R. and W. B. Fageol. 1,916,470; July 4.
- Railway sleepers, Making metallic. T. Buchholz. 1,936,824; Nov. 28.
- Railway switch, Suspended. G. D. Fish. 1,903,386; Apr. 4.
- Railway terminal of the direct steaming type. E. Brock. 1,896,765; Feb. 7.

- Railway tie extracting device. A. Jakob. 1,916,884; July 4.
- Railway track brake. J. W. Livingston. 1,919,956; July 25.
- Railway track gauge. H. H. R. Hanford. 1,909,535; May 16.
- Railway tracks, Device for recording the warp of. A. E. Mauzin. 1,906,170; Apr. 25.
- Railways, Apparatus for the leveling of. M. H. Lemaire. 1,922,895; Aug. 15.
- Railways, Apparatus for the leveling of. M. H. Lemaire. 1,927,178; Sept. 19.
- Railing for well-hole cars. W. B. Moir. 1,917,314; July 11.
- Railing structure. P. E. Hunter. 1,906,270; May 2.
- Rails, Detecting broken. H. C. Drake. 1,907,756; May 9.
- Rails or the like, Method and apparatus for testing. T. Zuschlag. 1,896,737; Feb. 7.
- Rails, Process and apparatus for straightening. P. H. Gast. 1,906,002; Apr. 25.
- Raincoat. R. K. Leavitt. 1,898,015; Feb. 21.
- Rain-down spout hanger. A. F. Abronski. 1,912,241; May 30.
- Raisin treating method and apparatus. L. Payne and T. W. W. Forrest. 1,935,951; Nov. 21.
- Raising and lowering device. G. Caudill. 1,932,303; Oct. 24.
- Raising and lowering device. G. D. Parker. 1,923,012; Aug. 15.
- Rake. C. H. Dennis. 1,904,860; Apr. 18.
- Rake. R. W. Eifert. 1,894,306; Jan. 17.
- Rake. J. W. Layne. 1,923,381; Aug. 22.
- Rake. A. Montan. 1,933,636; Nov. 7.
- Rake. A. C. Moork. 1,936,800; Nov. 28.
- Rake. H. Moschel. 1,938,971; Dec. 12.
- Rake. S. P. Neuhausen. 1,937,775; Dec. 5.
- Rake. C. J. Rocquin. 1,892,965; Jan. 3.
- Rake. W. B. Thiemann. 1,910,371; May 23.
- Rake. J. Van Vliet. 1,908,877; May 16.
- Rake. W. Withington. 1,904,845; Apr. 18.
- Rake. W. Withington. 1,925,357; Sept. 5.
- Rake, Adjustable hand. H. T. Jenkins. 1,916,052; June 27.
- Rake and pick-up machine, Revolving. H. E. Tinsley. 1,908,082; May 9.
- Rake distributor and electric control, Return type. J. B. Brennen. 1,899,791; Feb. 28.
- Rake, dump. H. E. Altgelt. 1,900,270; Mar. 7.
- Rake, Forest fire fighting. W. L. Greider. 1,907,153; May 2.
- Rake, Hand. H. G. Carlson. 1,909,754; May 16.
- Rake, Hay. A. B. and J. B. Avilla. 1,928,606; Aug. 22.
- Rake-lifting mechanism, Classifier. S. I. Bousman. 1,925,513; Sept. 5.
- Rake, Nonleaf holding. B. H. Lantz. 1,927,873; Sept. 26.
- Rake, Rotary. L. R. Burr. 1,939,385; Dec. 12.
- Rake, Rotary lawn. F. A. Schultze. 1,911,535; May 30.
- Rake, Side delivery. H. Moschel. 1,914,036; June 13.
- Rake, Side delivery. P. Randall. 1,911,391; May 30.
- Rake tooth for hay loaders. P. P. Miller. 1,900,724; Mar. 7.
- Rake, Trash rack. J. A. Leonard. 1,910,803; May 23.
- Ramming machine for preparation of solid and hollow bodies from ceramic, concrete, and like materials. P. Richter. 1,915,475; June 27.
- Ramp for use in rerailling vehicles. H. Broscombe. 1,892,977; Jan. 3.
- Rand forming machine. F. Ashworth. 1,920,235; Aug. 1.
- Range. I. Gil. Des. 90,651; Sept. 12.
- Range. I. Gil. Des. 90,759; Sept. 26.
- Range. H. H. Heibredner. 1,935,567; Nov. 14.
- Range. R. B. Hurt. 1,934,125; Nov. 7.
- Range. G. D. Wilkinson and E. D. Pellegrin. Des. 89,981; May 23.
- Range burner. J. Gibbs and A. Altman. 1,938,251; Dec. 5.
- Range, Cabinet type gas. H. Lange. Des. 90,035; May 30.
- Range, Combination. R. D. Wells. 1,913,420; June 13.
- Range, Cooking. A. P. Chester. Des. 90,019; May 30.
- Range, Electric. A. Barnsteiner. Des. 89,251; Feb. 14.
- Range, Electric radiant. L. Lebau. 1,910,700; May 23.
- Range finder, Base type. J. Mihalyi. 1,905,485; Apr. 25.
- Range, Gas. W. D. Antrim. 1,905,672; Apr. 25.
- Range, Gas. C. H. and R. F. Hoffstetter. 1,922,586; Aug. 15.
- Range, Gas. R. B. Hurt. 1,923,981; Aug. 22.
- Range, Gas. H. Lange. Des. 88,878; Jan. 3.
- Range, Gas. O. J. Leins. 1,921,762; Aug. 8.
- Range, Gas. A. J. Lindemann and G. C. Lorenz. 1,940,259; Dec. 19.
- Range, Gas. H. C. Maul. 1,925,810; Sept. 5.
- Range grid, Gas. W. D. Antrim. Des. 89,673; Apr. 25.
- Range or similar article, Cabinet. A. G. Sherman. Des. 89,798; May 2.
- Range plate. C. H. Corbishley. Des. 89,875; May 16.
- Rat exterminator, Electrical. J. D. Kaiser. 1,899,199; Feb. 28.
- Rat trap. H. J. Brinker and C. McIntyre. 1,908,816; May 16.
- Ratchet brace, Double action. R. E. Dorman. 1,911,355; May 30.
- Ratchet device. A. J. Kounovsky. 1,904,621; Apr. 18.
- Ratchet device for speedometers. J. Zubaty. 1,913,184; June 6.
- Ratchet guide and support. H. T. Eisele. 1,903,781; Apr. 18.
- Ratchet motor. G. A. Stafford and R. M. Stafford. 1,926,316; Sept. 12.
- Ratchet wrench. J. O. Heald. 1,913,669; June 13.
- Ratchet wrench. A. U. Kerns. 1,926,103; Sept. 12.
- Ratchet wrench. N. F. McNaught and E. H. Peterson. 1,902,878; Mar. 28.
- Ratchet wrench. R. B. Patterson. 1,903,297; Apr. 4.
- Ratchet wrench, Universal. J. D. Lamb. 1,905,388; Apr. 25.
- Rate of climb instruments. C. H. Colvin. 1,929,091; Oct. 3.
- Ratio adjuster or tap changer. F. H. Barrington. 1,895,306; Jan. 24.
- Ratio device, Limited. D. R. McCaffery. 1,938,457; Dec. 5.
- Ratio of variable quantities, Apparatus for computing and indicating the. G. A. and A. F. Julius. 1,922,957; Aug. 15.
- Rayon, artificial horsehair, films, and the like and making the same. W. H. Bradshaw. 1,907,726; May 9.
- Rayon bleaching machine. J. J. Sippel and W. F. Hennessy. 1,915,872; June 27.
- Rayon, Dyeing. E. L. Hawthorne. 1,913,987; June 13.
- Rayon in the package form, Desulphurizing. H. B. Kline. 1,932,789; Oct. 31.
- Rayon manufacture. W. H. Furness. 1,917,515; July 11.
- Rayon, Manufacture of. G. R. Lockhart. 1,904,377; Apr. 18.
- Rayon, Manufacture of. G. R. Lockhart. 1,906,983; May 2.
- Rayon, Manufacture of lusterless. W. F. Richter. 1,899,725; Feb. 28.
- Rayon, Processing of viscose. G. A. Richter and P. C. Scherer, Jr. 1,915,072; June 20.
- Rayon spinning bucket drive. H. M. Richardson. 1,917,158; July 4.
- Rayon spinning machine. C. Herrmann. 1,893,054; Jan. 3.
- Rayon, Treating. W. F. Richter and H. E. McCreery. 1,907,667; May 9.
- Razor. R. W. Cook. 1,929,162; Oct. 3.
- Razor. E. J. Gray. 1,934,422; Nov. 7.
- Razor. H. N. Hukill. 1,923,439; Aug. 22.
- Razor. M. R. Kondolf. 1,935,452; Nov. 14.
- Razor. J. R. Pamplin. 1,929,711; Oct. 10.
- Razor. H. R. Segal. 1,897,150; Feb. 14.
- Razor. H. R. Segal. 1,910,065; May 23.
- Razor. H. R. Segal. 1,918,989; July 18.
- Razor. H. R. Segal. 1,940,149; Dec. 19.
- Razor. S. Segal. 1,909,595; May 16.
- Razor. E. J. Youmans. 1,927,971; Sept. 26.
- Razor and blade, Safety. R. E. Thompson. 1,909,920; May 16.
- Razor and blade stropping holder, Combination. M. F. Hanson. 1,932,458; Oct. 31.
- Razor and combined hone and guard, Safety. L. V. Aronson. 1,914,630; June 20.
- Razor and hair cutter, Safety. M. J. Duffy. 1,918,636; July 18.
- Razor and sharpening device, Combined safety. L. V. Aronson. 1,905,329-31; Apr. 25.
- Razor and sharpening device, Combined safety. L. V. Aronson. 1,932,386; Oct. 31.
- Razor and sharpening mechanism, Combined safety. L. V. Aronson. 1,931,856; Oct. 24.
- Razor and shaving brush, Combination. G. R. Harvey. 1,892,836; Jan. 3.
- Razor and strop. E. B. Olsen. 1,940,266; Dec. 19.
- Razor and stropper, Combined safety. C. A. Scheer. 1,916,936; July 4.
- Razor, Automatic safety. A. Baudis. 1,922,072; Aug. 15.
- Razor, Automatic safety. O. R. Peterson. 1,921,774; Aug. 8.
- Razor blade box. G. C. Fullmer. 1,918,027; July 11.
- Razor blade clip. S. J. Todd. 1,894,072; Jan. 10.
- Razor blade conditioner. H. F. Heileman. 1,939,168; Dec. 12.
- Razor blade container. W. E. Lawson. 1,912,531; June 6.
- Razor blade holder. W. D. Hinchey. 1,918,704; July 18.
- Razor blade holder. J. Holtzman. 1,895,286; Jan. 24.
- Razor blade holder. J. Vogty. 1,899,738; Feb. 28.
- Razor blade honing device. C. E. Holtzclaw. 1,928,057; Sept. 26.
- Razor blade package. W. B. Lashar. 1,911,627; May 30.
- Razor blade package. H. R. Noyes. 1,899,979; Mar. 7.
- Razor blade receptacle, Safety. N. Testi. 1,909,919; May 16.
- Razor blade, Safety. J. L. King. Des. 89,326; Feb. 21.
- Razor blade, Safety. A. Lübbertsmeier. 1,895,763; Jan. 31.
- Razor blade, Safety. S. D. Shoemaker. 1,931,743; Oct. 24.
- Razor blade, Safety. V. Slama and J. Herda. 1,934,151; Nov. 7.
- Razor blade, Safety. R. E. Thompson. 1,924,262; Aug. 29.
- Razor blade sharpener. H. Blau. 1,920,347; Aug. 1.
- Razor blade sharpening attachment. G. H. Lee. 1,909,198; May 16.
- Razor blade sharpening machine, Safety. F. W. Cochrane. 1,927,392; Sept. 19.

- Razor blades, Device for drying. W. H. Löwenstein. 1,904,661; Apr. 18.
- Razor blades, Device for grinding. A. Steinner-Götl. 1,909,987; May 23.
- Razor blades, Device for sharpening. J. A. Morrice. 1,925,772; Sept. 5.
- Razor blades, Device for sharpening safety. R. B. Crossgrove. 1,912,763; June 6.
- Razor blades, Manufacturing safety. J. E. Connolly. 1,916,416; July 4.
- Razor blades, Method and device for polishing two edged. F. Rohrbeck. 1,941,056; Dec. 26.
- Razor blades, Sharpening. G. E. Robinson. 1,912,098; May 30.
- Razor blades, Sharpening safety. E. G. Pavitt. 1,934,139; Nov. 7.
- Razor blades to the feeding means of a wrapping machine, Device for feeding individual. P. Gangler. 1,928,098; Sept. 26.
- Razor case and used blade container, Combination safety. F. A. Sell. 1,919,381; July 25.
- Razor, Convertible safety. T. D. Walker and C. L. Belcher. 1,910,310; May 23.
- Razor, Electrically operated safety. D. B. Willis. 1,918,625; July 18.
- Razor holder, Safety. N. J. Glass. 1,937,756; Dec. 5.
- Razor, Illuminated. F. Weiss. 1,900,965; Mar. 14.
- Razor, Magazine. E. A. Conner. 1,892,931; Jan. 3.
- Razor, Safety. R. V. Acken. 1,899,841; Feb. 28.
- Razor, Safety. M. Apostoll. 1,938,477; Dec. 5.
- Razor, Safety. W. H. Black. 1,938,481; Dec. 5.
- Razor, Safety. I. S. Bodkin. 1,906,905; May 2.
- Razor, Safety. L. S. Chadwick. 1,934,257; Nov. 7.
- Razor, Safety. O. Christianson. 1,930,583; Oct. 17.
- Razor, Safety. C. R. Diehl. 1,910,428; May 23.
- Razor, Safety. A. R. Douglass. 1,896,886; Feb. 7.
- Razor, Safety. C. D. Dudew. 1,894,553; Jan. 17.
- Razor, Safety. A. Dupeyron. 1,895,980; Jan. 31.
- Razor, Safety. A. Dupeyron. 1,924,641; Aug. 29.
- Razor, Safety. N. K. Fougner. 1,910,430; May 23.
- Razor, Safety. H. J. Gaisman. 1,905,699; Apr. 25.
- Razor, Safety. H. J. Gaisman. 1,907,783; May 9.
- Razor, Safety. H. J. Gaisman. 1,911,996; May 30.
- Razor, Safety. J. D. Garretson. 1,928,886; Oct. 3.
- Razor, Safety. C. A. Godshalk. 1,901,591; Mar. 14.
- Razor, Safety. W. P. Grath. 1,915,664; June 27.
- Razor, Safety. A. A. Grothe. 1,917,220; July 11.
- Razor, Safety. J. B. Harmon. 1,908,016; May 9.
- Razor, Safety. E. B. Hoff. 1,941,208; Dec. 26.
- Razor, Safety. G. Hofmann. Des. 89,765; May 2.
- Razor, Safety. A. J. Jones. 1,897,982; Feb. 14.
- Razor, Safety. T. P. Jones. 1,923,673; Aug. 22.
- Razor, Safety. J. U. Koré. 1,929,982; Oct. 10.
- Razor, Safety. J. U. Koré. 1,932,110; Oct. 24.
- Razor, Safety. G. B. Lambert. 1,906,631; May 2.
- Razor, Safety. N. R. Maas. 1,897,653; Feb. 14.
- Razor, Safety. G. D. Marcy. 1,919,794; July 25.
- Razor, Safety. E. S. Martin. 1,911,378; May 30.
- Razor, Safety. E. S. Martin. 1,919,737; July 25.
- Razor, Safety. F. W. Merrick. 1,918,856; July 18.
- Razor, Safety. J. Muros. Re18,955; Sept. 19.
- Razor, Safety. J. Muros. 1,897,707; Feb. 14.
- Razor, Safety. J. Muros. 1,900,069; Mar. 7.
- Razor, Safety. J. Muros. 1,907,557; May 9.
- Razor, Safety. J. Muros. 1,912,155; May 30.
- Razor, Safety. J. Muros. 1,912,461; June 6.
- Razor, Safety. J. Muros. 1,917,209; July 4.
- Razor, Safety. J. Muros. 1,918,227; July 11.
- Razor, Safety. J. Muros. 1,919,388; July 25.
- Razor, Safety. M. H. Page. 1,912,720; June 6.
- Razor, Safety. M. Pelizzola. 1,920,711; Aug. 1.
- Razor, Safety. O. R. Peterson. 1,900,662; Mar. 7.
- Razor, Safety. F. Porter and J. R. Harry. 1,940,563; Dec. 19.
- Razor, Safety. H. B. Randolph. 1,937,167; Nov. 28.
- Razor, Safety. W. C. Rogers. 1,934,148; Nov. 7.
- Razor, Safety. A. G. Ryley. 1,933,186; Oct. 31.
- Razor, Safety. T. P. Salley. 1,911,245; May 30.
- Razor, Safety. G. Taylor. 1,924,335; Aug. 29.
- Razor, Safety. N. Testi. 1,905,764; Apr. 25.
- Razor, Safety. N. Testi. 1,907,899; May 9.
- Razor, Safety. N. Testi. 1,928,363; Sept. 26.
- Razor, Safety. N. Testi. 1,928,364; Sept. 26.
- Razor, Safety. A. E. Thompson. 1,923,125; Aug. 22.
- Razor, Safety. R. E. Thompson. 1,897,656; Feb. 14.
- Razor, Safety. O. Wasson. 1,906,346; May 2.
- Razor, Safety. E. N. Weber. 1,896,380; Feb. 7.
- Razor, Safety. B. G. Winkler. 1,919,759; July 25.
- Razor, Safety. C. O. Winter. Des. 89,582; Apr. 4.
- Razor, Safety. L. L. Witter. 1,916,504; July 4.
- Razor, Self sharpening safety. J. A. Nones. 1,914,925; June 20.
- Razor sharpening device. B. G. Montgomery. 1,940,365; Dec. 19.
- Razor stropping device. A. S. Warne. 1,909,736; May 16.
- Razors, Finger-hold for safety. W. W. Robinson. 1,917,812; July 11.
- Reactances, Method and mechanism for removing. F. T. Chesnut. 1,931,644; Oct. 24.
- Reaction device, Variable. A. Schmidt, jr. 1,921,703; Aug. 8.
- Reaction process apparatus, Treatment of. R. T. Pollock. 1,941,271; Dec. 26.
- Reaction product of rosin, aromatic amines, and furfural. O. A. Cherry and F. Kurath. 1,894,580; Jan. 17.
- Reaction products obtained by the action of nitric acid on phosphate of lime, Solidification of. G. Trümpler. 1,935,528; Nov. 14.
- Reaction products of ketone, Obtaining. C. O. Young and G. H. Reid. 1,926,642; Sept. 12.
- Reactive element having stable temperature-reactance characteristics. F. B. Llewellyn. 1,910,957; May 23.
- Reactor. H. C. Forbes. 1,940,854; Dec. 26.
- Reactor. L. O. Marsteller. 1,924,366; Aug. 29.
- Reactors, Treatment of. E. C. Britton. 1,921,726; Aug. 8.
- Read trimming apparatus. L. H. Hoffer. 1,907,543; May 9.
- Reading device for a book. F. Giese. 1,919,835; July 25.
- Reading machine. B. A. Fiske. 1,929,199; Oct. 3.
- Reading stand. D. B. Bolich. 1,892,745; Jan. 3.
- Reading stand. T. R. Shaw. 1,910,505; May 23.
- Reagent for sweetening petroleum. H. H. Cannon and W. W. Cary. 1,907,150; May 2.
- Reagents, Recovery of spent treating. B. F. Dooley, jr. 1,926,515; Sept. 12.
- Reamer. C. F. Berry. 1,894,937; Jan. 24.
- Reamer. T. F. Githens. 1,928,014; Sept. 26.
- Reamer. J. D. Tucker. 1,923,177; Aug. 22.
- Reamer. J. C. Wright. 1,909,994; May 23.
- Reamer blades, Mounting. F. L. Scott. 1,932,488; Oct. 31.
- Reamer, Cylinder. E. A. Hall. 1,918,642; July 18.
- Reamer, Expansion. W. H. Evans. 1,902,062; Mar. 21.
- Reamer for cable terminals and the like, Flexible. A. Raphael. 1,919,745; July 25.
- Reamer for earth boring buckets. F. A. Schroeder. 1,916,691; July 4.
- Reamer for well drills. M. O. Brink. 1,937,742; Dec. 5.
- Reamers, Making composite. W. R. Breeler and F. T. Harrington. 1,908,887; May 16.
- Reaming tool. B. B. Talbot. 1,915,806; June 27.
- Rear and parking view attachment. P. W. Leffland. 1,903,239; Mar. 28.
- Rear axle carrier. C. H. Sterling. 1,903,146; Mar. 28.
- Receiver. J. Bethenod. 1,912,752; June 6.
- Receiver and packer, Rotary. H. B. Rogers. 1,908,791; May 16.
- Receiver and regenerator unit for refrigerating plants, Combination. N. H. Gay. 1,922,942; Aug. 15.
- Receiver and transmitter, Combined. E. G. Ports. 1,940,881; Dec. 26.
- Receiver apparatus for wireless communication. P. Müller. 1,918,819; July 18.
- Receiver for continuous waves. R. M. Heintz. 1,902,234; Mar. 21.
- Receiver for glass forming machines. E. H. Lorenz. 1,921,393; Aug. 8.
- Receiver of high frequency electrical signals. A. H. Taylor. Re18,877; June 20.
- Receiving apparatus for electrical impulses. P. W. Lyth. 1,895,889; Jan. 31.
- Receiving arrangement for radiosignals. F. Schröter and W. Runge. 1,934,211; Nov. 7.
- Receiving arrangement with a periodic directional aerial system. A. Esau. 1,912,766; June 6.
- Receiving device for light signals. W. Bischoff. 1,911,986; May 30.
- Receiving recorder. R. F. Dirkes and V. R. Kimball. 1,931,790; Oct. 24.
- Receiving, storage, and delivery container, Powdered material. W. L. Fickey. 1,898,355; Feb. 21.
- Receiving system. O. Böhm. 1,899,493; Feb. 28.
- Receiving system. R. A. Braden. 1,928,197; Sept. 26.
- Receiving system. H. O. Peterson. 1,901,117; Mar. 14.
- Receptacle. See—
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| Ash receptacle. | Merchandising and display receptacle. |
| Baker's receptacle. | Metal coffee receptacle. |
| Blade receptacle. | Metallic receptacle. |
| Casket spray receptacle. | Mothkiller receptacle. |
| Cigarette and cigarette paper receptacle. | Outlet receptacle. |
| Coin receptacle. | Paper receptacle. |
| Collapsible receptacle. | Plug receptacle. |
| Compartment receptacle. | Pocket receptacle. |
| Cooking receptacle. | Portable receptacle. |
| Dispensing receptacle. | Razor blade receptacle. |
| Display receptacle. | Sanitary covered receptacle. |
| Dumping receptacle. | Shaving receptacle. |
| Dust receptacle. | Sign receptacle. |
| Electrical receptacle. | Smoker's receptacle. |
| Filing receptacle. | Socket receptacle. |
| Film receptacle. | Soldering kit receptacle. |
| Flush receptacle. | Solid CO ₂ receptacle. |
| Folding receptacle. | Speed and time recorder. |
| Garbage receptacle. | Tobacco receptacle. |
| Ice pack receptacle. | Waste receptacle. |
| Lamp and ash receptacle. | Waterproof bathing receptacle. |
| Lamp receptacle. | |
- Receptacle. F. A. Bartlett. 1,910,786; May 23.
- Receptacle. L. Bischoff. 1,916,854; July 4.
- Receptacle. C. S. Deffenbaugh. 1,938,519; Dec. 5.
- Receptacle. C. F. Dreyer and N. K. Engst. 1,929,918; Oct. 10.
- Receptacle. E. Dymont. 1,911,073; May 23.
- Receptacle. A. Fazekas. 1,918,744; July 18.
- Receptacle. P. H. Meyer. 1,895,291; Jan. 24.

- Receptacle. W. W. Miller. 1,927,667; Sept. 19.
 Receptacle. S. Miniere. 1,930,841; Oct. 17.
 Receptacle. L. R. Smith and S. F. Gordon. 1,906,647; May 2.
 Receptacle. A. W. Thompson. 1,939,867; Dec. 19.
 Receptacle. A. von Frankenberg. 1,902,978; Mar. 28.
 Receptacle. P. E. Waecher. 1,905,955; Apr. 25.
 Receptacle. W. M. Welling. 1,915,395; June 27.
 Receptacle. C. P. Wellman. 1,892,714-15; Jan. 3.
 Receptacle. C. P. Wellman. 1,924,529; Aug. 29.
 Receptacle. C. P. Wellman. 1,929,459; Oct. 10.
 Receptacle. C. P. Wellman. 1,939,744; Dec. 19.
 Receptacle. J. H. Willson. 1,934,220; Nov. 7.
 Receptacle and closure therefor. W. L. Hanavan. 1,902,362; Mar. 21.
 Receptacle and closure therefor. C. A. Southwick, jr. 1,896,144; Feb. 7.
 Receptacle and closure therefor, Metallic. V. E. Cornell. 1,912,179-80; May 30.
 Receptacle and closure therefor, Metallic. A. C. Vick. 1,924,578; Aug. 29.
 Receptacle and extinguishing device, Pocket ash. K. A. Windesheim. 1,928,041; Sept. 26.
 Receptacle and making the same. H. Kielberg and T. P. Parker. 1,928,454; Sept. 26.
 Receptacle and making the same, Paper. E. B. Bicker. 1,905,334; Apr. 25.
 Receptacle and match holder, Combination cigarette. E. Jahncke. Des. 91,031; Nov. 14.
 Receptacle and roller, Cigarette. H. H. Gerjets. 1,902,699; Mar. 21.
 Receptacle and sprinkler, Liquid. H. F. Sielaff. 1,895,009; Jan. 24.
 Receptacle cap plug. R. Eckstein. 1,914,944; June 20.
 Receptacle cleaning apparatus. J. E. Wilkes. 1,907,395; May 2.
 Receptacle closure. T. C. Andersen. 1,920,672; Aug. 1.
 Receptacle cover. F. Inocencio. Des. 89,544; Mar. 28.
 Receptacle cover. V. C. Norquist. 1,927,843; Sept. 26.
 Receptacle filling and closing apparatus, and method and means of forming and applying a seal to closed receptacles. E. L. Jones. 1,939,704; Dec. 19.
 Receptacle filling and emptying device. J. D. Curtis. 1,933,165; Oct. 31.
 Receptacle filling apparatus. C. P. McNeil. 1,911,579; May 30.
 Receptacle for coal drills, Fuse. R. K. Jeffrey. 1,898,129; Feb. 21.
 Receptacle for disk talking machine records. A. W. Ward. 1,926,606; Sept. 12.
 Receptacle for edge tools. L. H. Dyer. 1,912,627; June 6.
 Receptacle for electric plugs. B. F. Muldoon. 1,908,997; May 16.
 Receptacle for electric plugs. B. F. Muldoon. 1,915,070; June 20.
 Receptacle for floor polishing substances and the like. J. Turek. 1,913,907; June 13.
 Receptacle for granular or pulverulent condiments for table use. C. R. Langton. 1,919,280; July 25.
 Receptacle for granular or pulverulent condiments for table use. C. R. Langton. 1,921,471; Aug. 8.
 Receptacle for graves, Flower. H. W. Kimber. 1,897,520; Feb. 14.
 Receptacle for ice manufacture. G. F. Whitehead. 1,895,742; Jan. 31.
 Receptacle for lip sticks. E. S. Cornell, jr. 1,899,748; Feb. 28.
 Receptacle for liquids. S. W. Farber. 1,901,155; Mar. 14.
 Receptacle for luminescent discharge tubes. J. C. McClelland. 1,896,365; Feb. 7.
 Receptacle for material-carrying spools. G. D. Atwood. 1,916,712; July 4.
 Receptacle for safety razor blades. P. K. Williams. 1,910,374; May 23.
 Receptacle for the culture of mushroom spawn and the like. F. R. Rettew. 1,914,353; June 13.
 Receptacle for urine. W. H. Hailey. 1,928,175; Sept. 26.
 Receptacle frame. R. Prahar. 1,923,687; Aug. 22.
 Receptacle glued up from a paper blank and manufacturing process of the same. G. Meyer-Jagenberg. 1,915,026; June 20.
 Receptacle having a handle. R. H. Lewis. 1,903,185; Mar. 28.
 Receptacle lock. E. W. Storms. 1,920,813; Aug. 1.
 Receptacle making apparatus. E. L. Jones. 1,916,981; July 4.
 Receptacle making apparatus. E. L. Jones. 1,917,374; July 11.
 Receptacle, Manufacturing a thin walled. R. Serenyi. 1,909,726; May 16.
 Receptacle mat. H. R. Cantine. 1,930,415; Oct. 10.
 Receptacle mold, Knockdown garbage. H. F. Sielaff. 1,897,340; Feb. 14.
 Receptacle protector. L. B. Gray. 1,924,926; Aug. 29.
 Receptacle support. E. C. Allen. 1,906,220; May 2.
 Receptacles, Apparatus for making. G. Lutz. 1,932,416; Oct. 31.
 Receptacles, Forming openings in. L. B. Winton. 1,928,120; Sept. 26.
 Receptacles, Forming paper. W. H. Orem and H. F. Kniesche. 1,915,164; June 20.
 Receptacles from molten material, Producing. J. E. Marsden. 1,909,778; May 16.
 Receptacles, Making. C. P. Wellman. 1,929,460; Oct. 10.
 Receptacles, Making. C. P. Wellman. 1,939,745; Dec. 19.
 Receptacles, Measuring and dispensing device for. C. Blomstrom. 1,902,157; Mar. 21.
 Receptacles, Mechanism for folding and gluing. W. D. Jordan. 1,907,977; May 9.
 Receptacles, Process and apparatus for manufacturing. C. Ristow. 1,913,212; June 6.
 Receptacles, Restoring device for clinical thermometer. K. Kashiwagi. 1,929,696; Oct. 10.
 Reciprocating engine. C. Hagan. 1,925,754; Sept. 5.
 Reciprocating engine. E. J. Stanton. 1,925,706; Sept. 5.
 Reciprocating mechanism. T. Pesci. 1,920,591; Aug. 1.
 Reciprocating motor. J. W. Dawson. 1,932,033; Oct. 24.
 Reciprocating movement. E. E. Lindsey. 1,921,235; Aug. 8.
 Reciprocating pump. F. Ackerman. 1,898,994; Feb. 28.
 Reciprocating pump. C. Brown. 1,922,121; Aug. 15.
 Reciprocating pump. A. F. Ruthven. Re18,791; Apr. 11.
 Recirculating furnace. C. B. Thorne. 1,937,395; Nov. 28.
 Recirculating system and apparatus for waste furnace gases. G. A. Merkt. Re18,801; Apr. 25.
 Reclining chair. A. A. Grinnell. 1,896,048; Jan. 31.
 Reclining chair. T. F. Kelly. 1,928,857; Oct. 3.
 Reclining chair, Adjustable. G. Panhorst. 1,939,568; Dec. 12.
 Record. L. Fisher. 1,931,287; Oct. 17.
 Record. F. Groff. 1,932,889; Oct. 31.
 Record analyzing mechanism. R. E. Paris. 1,916,232; July 4.
 Record blank. S. B. Freiberg. 1,923,198; Aug. 22.
 Record carrying or memorandum device. D. C. Harris. 1,903,454; Apr. 11.
 Record changer. M. A. Giblin. 1,907,058; May 2.
 Record control for billing machines. E. K. Bottle. 1,935,043; Nov. 14.
 Record controlled machine. W. F. Gutgesell. 1,921,408; Aug. 5.
 Record controlled machine. W. F. Gutgesell. 1,939,049; Dec. 12.
 Record-controlled machine. C. D. Lake. 1,933,331; Oct. 31.
 Record core. W. Wheeler. 1,932,057; Oct. 24.
 Record for synchronous cinematographic projection and phonographic addition. J. D. Boularan and P. A. Dignon. 1,913,913; June 13.
 Record-keeping device. M. L. Bracken. 1,923,064; Aug. 22.
 Record sheet. C. L. Johnston and M. M. Cohn. 1,922,736; Aug. 15.
 Record sheet, Perforated. K. D. Evans. 1,896,542; Feb. 7.
 Record strip control for writing machines. W. D. Caton. 1,939,202; Dec. 12.
 Record strip for sound reproducing machines. J. G. M. Herklots. 1,904,944; Apr. 18.
 Record support for phonographs. C. Ruenlich. 1,915,494; June 27.
 Recorder. See—
 Electric sound recorder. Receiving recorder.
 Electrical recorder. Signal recorder.
 Instantaneous pressure recorder. Time recorder.
 Intensity recorder. Track recorder.
 Locator recorder. Vote recorder.
 Oscillographic transient recorder. Weight recorder.
 Recorder. C. W. Hansell. 1,941,001; Dec. 26.
 Recorder. F. Keller. 1,925,325; Sept. 5.
 Recorder for traffic signal systems. E. D. Stirren. 1,904,562; Apr. 18.
 Recorder for transmission efficiency, Automatic. A. L. Matte. 1,913,496; June 13.
 Recorder for wells, Inclination. F. and A. L. Stone, C. R. Dale, L. C. Neilson, R. A. Silent, and A. R. Maier. 1,938,873; Dec. 12.
 Recorder for wells, Orientation. F. and A. L. Stone, C. R. Dale, L. C. Neilson, R. A. Silent, and A. R. Maier. 1,938,872; Dec. 12.
 Recorder, Weight. E. J. Von Pein and F. Showalter. 1,914,388; June 20.
 Recording and control system and apparatus therefor. T. R. Harrison. 1,898,183; Feb. 21.
 Recording apparatus. C. de Beaumarchais. 1,904,719; Apr. 18.
 Recording apparatus, Electric automatic. J. G. Garrity and E. L. McCarthy. 1,904,753; Apr. 18.
 Recording device. J. R. M. Tisdale. 1,910,191; May 23.
 Recording device. G. V. Turnbull. 1,936,416; Nov. 21.
 Recording device for airplanes. C. L. Goldtrap. 1,899,614; Feb. 28.
 Recording device for grading thread and the like. J. A. Scheivli and C. H. Cansdale. 1,915,204; June 20.
 Recording device for liquid dispensing apparatus. W. M. Carroll. 1,940,656; Dec. 19.
 Recording, indicating, and regulating device. R. E. Olson. 1,939,789; Dec. 19.
 Recording instrument. R. Beck. 1,925,515; Sept. 5.
 Recording instrument. P. E. Twiss. 1,913,176; June 6.
 Recording machine. R. B. Long. 1,938,663; Dec. 12.
 Recording means for materials handling systems. E. W. Schellenstrager. 1,909,724; May 16.
 Recording measuring instruments. P. Paschen and G. Mohr. 1,929,367; Oct. 3.
 Recording mechanism, Automatic. W. H. Ferguson. 1,925,752; Sept. 5.

- Recording mechanism, Flow. R. E. Ferguson. 1,918,388; July 18.
- Recording mechanism for power instruments and meters. M. G. Benjamin. 1,908,847; May 16.
- Recording meter. D. J. Angus. 1,907,096; May 2.
- Recording meter. A. F. Poole. 1,920,479; Aug. 1.
- Recording speed indicator. E. W. Lyen. 1,920,514; Aug. 1.
- Records for reproducing sounds, Making. H. E. Chipman. 1,912,887; June 6.
- Records, Marking. J. C. Buzzelli. 1,906,248; May 2.
- Records, Pressing talking machine. E. B. Fernberg. 1,915,357; June 27.
- Rectification, System of. C. S. Weyandt. 1,909,737; May 16.
- Rectifier. D. V. Edwards and E. K. Smith. 1,905,692; Apr. 25.
- Rectifier. C. Hambuechen. 1,904,447; Apr. 18.
- Rectifier. C. Miller. 1,899,045; Feb. 28.
- Rectifier. E. Rupp. 1,919,988; July 25.
- Rectifier. C. G. Smith. 1,919,263; July 25.
- Rectifier. S. S. Smith. 1,904,334; Apr. 18.
- Rectifier apparatus, Vapor. S. Widmer. 1,918,577; July 18.
- Rectifier control system. J. Jonas. 1,934,231; Nov. 7.
- Rectifier, Dry. O. Irion. 1,930,519; Oct. 17.
- Rectifier compounding systems, Preventing unbalance in. C. A. Sabbah. 1,923,749; Aug. 22.
- Rectifier control system, Electric current. H. Keller. 1,918,757; July 18.
- Rectifier cooling system control. H. Winograd. 1,901,071; Mar. 14.
- Rectifier, Copper oxide. D. Santini. 1,919,398; July 25.
- Rectifier device. A. B. Du Mont. 1,924,544; Aug. 29.
- Rectifier, Dry. J. H. de Boer, W. C. Van Geel, and H. Emmens. 1,904,276; Apr. 18.
- Rectifier, Electrical. C. K. Strobel. 1,898,321; Feb. 21.
- Rectifier element. S. Ballantine. 1,935,383; Nov. 14.
- Rectifier, Extended winding. I. J. Kaar. 1,932,272; Oct. 24.
- Rectifier for engines, Oil. B. F. Court. 1,914,195; June 13.
- Rectifier for its initial normal state of operation, Preparing a mercury vapor. A. Leuthold. 1,912,151; May 30.
- Rectifier, Gas content. A. Gehrts. 1,896,614; Feb. 7.
- Rectifier, High amperage. E. A. Lederer. 1,920,649; Aug. 1.
- Rectifier, Mechanical. H. Pfannenmuller. 1,931,267; Oct. 17.
- Rectifier system. F. E. Terman. 1,933,773; Nov. 7.
- Rectifier with hollow cathodes, Glow discharge. J. Nienhold. 1,920,660; Aug. 1.
- Rectifiers at capacities greater than normal, Operating dry disk. C. E. Ogden. 1,905,740; Apr. 25.
- Rectifiers for high voltage application, Making copper oxide. H. Kahler. 1,936,792; Nov. 28.
- Rectifiers, Manufacture of copper oxide. P. H. Dowling. 1,915,984; June 27.
- Rectifying and filtering apparatus. A. Nyman. 1,907,859; May 9.
- Rectifying apparatus. V. Bush. 1,908,216; May 9.
- Rectifying device. J. E. Foster. 1,925,558; Sept. 5.
- Rectifying device for range finders. O. Eppenstein. 1,918,527; July 18.
- Rectifying means. C. Spaeth and H. Peary. 1,941,421; Dec. 26.
- Rectifying process for the production of pure alcohol, Direct. E. Ricard and H. M. Guinot. 1,912,010; May 30.
- Rectifying system. W. K. Fleming. 1,908,336; May 9.
- Rectifying system. J. Kübler. 1,916,161; June 27.
- Rectifying tube. H. J. Spanner and U. Doering. 1,903,144-5; Mar. 28.
- Rectilinear induction motor. E. L. Rose. 1,929,990; Oct. 10.
- Recuperative counter-flow furnace. E. L. Smalley. 1,924,167; Aug. 29.
- Recuperator. G. W. Batchell. 1,925,711; Sept. 5.
- Recuperator. W. A. Morton. 1,928,600; Sept. 26.
- Reducing gear. G. Pirnoli. 1,902,374; Mar. 21.
- Reduction furnace. J. D. Morgan. 1,904,508; Apr. 18.
- Reduction gear. H. F. Schmidt. 1,902,341; Mar. 21.
- Reed for looms, Loose. E. R. Holmes. 1,937,407; Nov. 28.
- Reed gauge. L. G. Broadus. 1,915,289; June 27.
- Reed mechanism. W. C. Roe. 1,919,041; July 18.
- Reel: See—
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| Adjustable reel. | Hose reel. |
| Antenna reel. | Knockdown cable reel. |
| Barbed wire reel. | Lamp cord reel. |
| Cable reel. | Lever operating reel. |
| Cloth reel. | Line carrying reel. |
| Clothes drier reel. | Photographic film reel. |
| Collapsible reel. | Picture film reel. |
| Collapsible tube reel. | Ribbon reel. |
| Development reel. | Sand reel. |
| Fisherman's reel. | Steel cable reel. |
| Fishing reel. | Storage reel. |
| Fishline reel. | Wire reel. |
- Reel. J. E. Ball. 1,929,469; Oct. 10.
- Reel. V. Beplate. 1,907,715; May 9.
- Reel. H. Blount and E. J. Larsen. 1,920,181; Aug. 1.
- Reel. A. A. Bureau. 1,908,624; May 9.
- Reel. A. A. Bureau. 1,911,427-8; May 30.
- Reel. R. W. Clemmons. 1,908,625; May 9.
- Reel. R. W. Clemmons. 1,924,541; Aug. 29.
- Reel. D. C. Daubmeyer and W. H. Gross. 1,913,477; June 13.
- Reel. C. Field. 1,904,027; Apr. 18.
- Reel. S. M. Green. 1,913,632; June 13.
- Reel. N. P. Larsen. 1,915,133; June 20.
- Reel. M. P. Mosher and W. J. McCarthy. 1,915,238; June 20.
- Reel. J. B. Spowart. 1,929,568; Oct. 10.
- Reel. H. H. Talbot. 1,905,192; Apr. 25.
- Reel. C. H. White. 1,932,059; Oct. 24.
- Reel. E. Witte. 1,907,695; May 9.
- Reel and assembling reels. L. R. McGuire. 1,904,153; Apr. 18.
- Reel and bag support. M. J. Hess. 1,923,153; Sept. 26.
- Reel and cable, Electric blasting. H. Skaggs. 1,921,009; Aug. 8.
- Reel-attaching machine. J. F. Standish. 1,896,125; Feb. 7.
- Reel brake, Automatic fishing. E. B. Perrine. 1,896,369; Feb. 7.
- Reel carrier. J. Van Vorst. 1,895,217; Jan. 24.
- Reel control device. P. V. McCash and A. W. Peeler. 1,939,181; Dec. 12.
- Reel core and making the same. S. W. Alderfer. 1,927,197; Sept. 19.
- Reel for electric cord. F. H. Millar. 1,918,657; July 18.
- Reel for films and other flexible material. K. Morsbach. 1,020,657; Aug. 1.
- Reel for laundries, Assembling. E. C. Maurer. 1,909,700; May 16.
- Reel for measuring lines. A. Bcker. 1,899,660; Feb. 28.
- Reel for motion picture machines. P. Buhler. 1,924,977; Aug. 29.
- Reel for unspooling of hanks, Extensible. G. Parrier. 1,932,598; Oct. 31.
- Reel package. L. W. Joyce. 1,918,109; July 11.
- Reeling. J. S. Voorhees. 1,901,050; Mar. 14.
- Reeling device. F. A. Hoyt. 1,904,000; Apr. 18.
- Reels, Device for handling. G. A. Seeley. 1,904,255; Apr. 18.
- Reels, Mechanism for driving. E. S. Carpenter. 1,920,967; Aug. 8.
- Reenforce chair. D. H. Bitney. 1,903,356; Apr. 4.
- Reenforced box. O. B. Andrews. 1,908,100; May 9.
- Reenforced member. H. W. Hill. 1,929,066; Oct. 3.
- Reinforcement connected with reinforced concrete buildings, slabs, playgrounds and such like. W. J. F. Hutcheson. 1,896,957; Feb. 7.
- Reinforcement device. L. Y. Randall. 1,931,269; Oct. 17.
- Reinforcement for a water bucket mop wringing device. C. Hufford. 1,922,733; Aug. 15.
- Reinforcement for hand baskets. A. Moeller. 1,923,789; Aug. 22.
- Reinforcement for round reaction towers for the manufacture of sulphuric acid. C. L. R. Jensen, A. Utkov, and K. Warming. 1,917,717; July 11.
- Reinforcements to extended articles, Attaching. J. R. Reyburn. 1,907,092; May 2.
- Reinforcing system, Self sustaining fabricated. P. H. Sereff. 1,926,182; Sept. 12.
- Refectory table. F. B. Walter. 1,901,015; Mar. 14.
- Refineries to make synthetic ammonia, Utilizing by-products of. C. Ellis. 1,935,469; Nov. 14.
- Refinery wastes, Disposing of. M. L. Chappell and E. F. Baker. 1,929,675; Oct. 10.
- Refining. E. C. Herthel. 1,937,759; Dec. 5.
- Refining. L. Rosenstein. 1,900,132; Mar. 7.
- Refining process. T. T. Gray. 1,908,599; May 9.
- Reflecting device. H. B. Donley. 1,918,087; July 11.
- Reflecting device. E. E. George. 1,937,339; Nov. 28.
- Reflecting device. J. C. Haggart, jr. 1,914,421; June 20.
- Reflecting device. P. P. Sandford. 1,895,173; Jan. 24.
- Reflecting devices, Process and apparatus for making. J. C. Stimson. 1,906,655; May 2.
- Reflecting unit. S. Schiller. 1,903,385; Apr. 4.
- Reflection sign. E. H. Noble. 1,931,448; Oct. 17.
- Reflector. L. A. Bean. 1,898,166-7; Feb. 21.
- Reflector. S. Ender. Des. 90,240; July 4.
- Reflector. L. B. N., W., and J. M. Goldberg. Des. 91,110; Nov. 28.
- Reflector. C. A. Kuhns. 1,896,090; Feb. 7.
- Reflector. E. W. Luce. Des. 89,933-4; May 23.
- Reflector. J. A. O'Neill. Des. 89,993-4; May 23.
- Reflector. E. E. Scott. 1,900,202; Mar. 7.
- Reflector and holder. W. V. Bergen and A. C. Shute. 1,926,224; Sept. 12.
- Reflector attaching structure for lamps. L. E. Hendlee. 1,910,542; May 28.
- Reflector, Autocollimating. A. Garbarini. 1,906,373; May 2.
- Reflector, Autocollimating. A. Garbarini. 1,934,492; Nov. 7.
- Reflector, Automobile rear view. D. T. Moats. 1,910,119; May 23.
- Reflector button sign. W. B. Wells. 1,918,727; July 18.
- Reflector, Collapsible. L. C. Doane. 1,935,045; Nov. 14.
- Reflector focusing apparatus. H. J. Graham. 1,909,946; May 23.
- Reflector for automobile headlights, Antiglare. C. C. Huber. 1,925,589; Sept. 5.
- Reflector for Christmas trees. L. L. Raymond. 1,901,472; Mar. 14.
- Reflector for incandescent electric lamps. S. D. Cohen. 1,939,388; Dec. 12.

- Reflector for incandescent lamp bulbs. C. W. Rohrkaste. 1,897,822; Feb. 14.
- Reflector for very short waves. W. Ludenia. 1,898,197; Feb. 21.
- Reflector holder. J. A. McKay. 1,910,348; May 23.
- Reflector, Illuminated. A. M. Spampinato. 1,897,281; Feb. 14.
- Reflector, Light. R. W. Luce and L. M. Merrill. 1,911,198; May 30.
- Reflector, Light. L. Nielsen. 1,928,673; Oct. 3.
- Reflector, Nonglare. A. K. Crossman. 1,902,321; Mar. 21.
- Reflector, Photography light. F. Simpson. 1,903,071; Mar. 28.
- Reflector, Prismatic. T. W. Rolph. 1,914,819; June 20.
- Reflector securing means. O. W. Klingsick. 1,906,619; May 2.
- Reflector, Self adjusting sunlight. J. M. Arthuys and A. Bayle. 1,938,003; Dec. 5.
- Reflector, Showcase. R. B. Benjamin. 1,927,254; Sept. 19.
- Reflector, Signal light. V. L. Oestnaes and R. W. Luce. Re18,937; Sept. 5.
- Reflector system for stereo-cinematograph cameras. E. Feil. 1,929,685; Oct. 10.
- Reflector tube for motor vehicles, Rear vision. C. S. Mort. 1,939,311; Dec. 12.
- Refraction device, Double. A. Ehringhaus. 1,926,716; Sept. 12.
- Refraction instrument. W. R. Morrison. 1,921,318; Aug. 8.
- Refractories with metal, Coating. J. D. Morgan. 1,924,876; Aug. 29.
- Refractory. K. Hacks and W. S. Sprow. 1,934,263; Nov. 7.
- Refractory. P. G. Willetts. 1,893,313; Jan. 3.
- Refractory gas burner. P. A. Werner. 1,939,476; Dec. 12.
- Refractory lining. E. F. Northrup. 1,917,849; July 11.
- Refractory material and making the same, Metal coated. H. H. Harris. 1,911,189; May 30.
- Refractory material and method of manufacturing. R. W. Hyde. 1,939,638; Dec. 12.
- Refractory material for use in metal casting. C. D. Wood, sr. 1,923,769; Aug. 22.
- Refractory material, Preparing. E. Lux. 1,924,743; Aug. 29.
- Refractory products, Manufacturing highly. V. M. Goldschmidt and K. Siedentopf. 1,926,094; Sept. 12.
- Refractory structures, Suspended. L. S. Longenecker. 1,913,168; June 6.
- Refreshment stand. H. F. Gerhardt. Des. 88,957; Jan. 10.
- Refrigerant. E. E. Sorensen. 1,892,741; Jan. 3.
- Refrigerant compressor cooling system. L. A. Philipp. 1,897,178; Feb. 14.
- Refrigerants, Controlling low temperature. W. F. Baird. 1,921,147; Aug. 8.
- Refrigerating. B. F. Randel. 1,922,217; Aug. 15.
- Refrigerating and carbonating, Method and apparatus for. J. C. Goosmann. 1,926,278; Sept. 12.
- Refrigerating and carbonating, Method and apparatus for. J. C. Goosman. 1,933,256; Oct. 31.
- Refrigerating and ventilating apparatus. J. C. Goosmann. 1,912,446; June 6.
- Refrigerating apparatus. M. J. Ajam. 1,898,804; Feb. 21.
- Refrigerating apparatus. E. E. Allyne. 1,898,706; Feb. 21.
- Refrigerating apparatus. E. E. Allyne. 1,904,597; Apr. 18.
- Refrigerating apparatus. E. E. Allyne. 1,916,030-2; June 27.
- Refrigerating apparatus. E. E. Allyne. 1,932,877; Oct. 31.
- Refrigerating apparatus. E. S. H. Baars. 1,916,197; July 4.
- Refrigerating apparatus. W. F. Baird. 1,923,472; Aug. 22.
- Refrigerating apparatus. F. R. Bichowsky. 1,913,869; June 13.
- Refrigerating apparatus. F. R. Bichowsky. 1,914,101; June 13.
- Refrigerating apparatus. C. Birdseye and B. Hall. 1,905,131; Apr. 25.
- Refrigerating apparatus. V. Buhr. 1,930,414; Oct. 10.
- Refrigerating apparatus. E. A. Burroughs. 1,938,316; Dec. 5.
- Refrigerating apparatus. G. A. Buvinger. 1,911,012; May 23.
- Refrigerating apparatus. R. R. Candor. 1,899,013; Feb. 28.
- Refrigerating apparatus. R. R. Candor. 1,904,991; Apr. 25.
- Refrigerating apparatus. J. W. Carl. 1,914,075; June 13.
- Refrigerating apparatus. F. L. Chase. 1,911,432; May 30.
- Refrigerating apparatus. F. L. Chase and S. V. Cook. 1,912,066; May 30.
- Refrigerating apparatus. L. G. Copeman. 1,902,016; Mar. 21.
- Refrigerating apparatus. R. W. Davenport. 1,896,612; Feb. 7.
- Refrigerating apparatus. G. H. Fassett. 1,894,557; Jan. 17.
- Refrigerating apparatus. H. L. Forman. 1,908,968; May 16.
- Refrigerating apparatus. B. B. Geyer. 1,940,680; Dec. 26.
- Refrigerating apparatus. W. S. Gibbs, jr., and H. R. Lukens. 1,926,719; Sept. 12.
- Refrigerating apparatus. J. D. Glass. 1,915,276; June 27.
- Refrigerating apparatus. J. C. Goosmann. 1,927,168; Sept. 19.
- Refrigerating apparatus. H. A. Greenwald. 1,898,440; Feb. 21.
- Refrigerating apparatus. B. L. Hathorne. 1,932,731; Oct. 31.
- Refrigerating apparatus. C. F. Henney and D. L. Kaufman. 1,920,505; Aug. 1.
- Refrigerating apparatus. G. F. Hofferberth. 1,902,445; Mar. 21.
- Refrigerating apparatus. W. C. Holbrook. 1,932,822; Oct. 31.
- Refrigerating apparatus. H. B. Hull. 1,904,950; Apr. 18.
- Refrigerating apparatus. H. B. Hull. 1,908,248; May 9.
- Refrigerating apparatus. H. B. Hull. 1,920,508; Aug. 1.
- Refrigerating apparatus. H. B. Hull. 1,922,091; Aug. 15.
- Refrigerating apparatus. H. B. Hull. 1,926,384; Sept. 12.
- Refrigerating apparatus. H. B. Hull. 1,940,717; Dec. 26.
- Refrigerating apparatus. L. R. Jackson. 1,911,319; May 30.
- Refrigerating apparatus. D. L. Kaufman. 1,930,520; Oct. 17.
- Refrigerating apparatus. M. W. Kenney and S. E. Vickers. 1,921,163; Aug. 8.
- Refrigerating apparatus. A. J. Kercher. 1,896,448; Feb. 7.
- Refrigerating apparatus. E. J. Kimm. 1,909,281; May 16.
- Refrigerating apparatus. J. G. King. Re18,941; Sept. 12.
- Refrigerating apparatus. J. G. King. 1,894,918; Jan. 17.
- Refrigerating apparatus. J. G. King. 1,895,224; Jan. 24.
- Refrigerating apparatus. J. G. King. 1,898,548; Feb. 21.
- Refrigerating apparatus. J. G. King. 1,913,888; June 13.
- Refrigerating apparatus. J. G. King. 1,922,100-1; Aug. 15.
- Refrigerating apparatus. J. G. King. 1,925,257; Sept. 5.
- Refrigerating apparatus. J. G. King. 1,928,695; Oct. 3.
- Refrigerating apparatus. J. G. King. 1,929,697; Oct. 10.
- Refrigerating apparatus. C. F. Kuhls. 1,926,810; Sept. 12.
- Refrigerating apparatus. C. E. L. Lipman. 1,895,549; Jan. 31.
- Refrigerating apparatus. D. E. Maccabee. 1,900,510; Mar. 7.
- Refrigerating apparatus. E. B. Mallory. 1,903,825-7; Apr. 18.
- Refrigerating apparatus. W. H. Matthews. 1,905,037; Apr. 25.
- Refrigerating apparatus. V. Mauck. 1,929,954; Oct. 10.
- Refrigerating apparatus. A. A. McCormack. 1,910,996; May 23.
- Refrigerating apparatus. A. A. McCormack. 1,913,844; June 13.
- Refrigerating apparatus. A. A. McCormack. 1,931,323; Oct. 17.
- Refrigerating apparatus. R. D. McIntosh. 1,933,918; Nov. 7.
- Refrigerating apparatus. A. Meyer. 1,928,386; Sept. 26.
- Refrigerating apparatus. J. Miller. 1,923,451; Aug. 22.
- Refrigerating apparatus. E. D. Misner. 1,918,818; July 18.
- Refrigerating apparatus. G. Muffy. 1,921,576; Aug. 8.
- Refrigerating apparatus. E. B. Newill. 1,922,899; Aug. 15.
- Refrigerating apparatus. F. W. Rabe. 1,901,190; Mar. 14.
- Refrigerating apparatus. J. T. Rauen. 1,940,640; Dec. 19.
- Refrigerating apparatus. D. H. Reeves. 1,934,884; Nov. 14.
- Refrigerating apparatus. R. E. Robillard. 1,912,333; May 30.
- Refrigerating apparatus. W. H. F. Schmieling. 1,894,127; Jan. 10.
- Refrigerating apparatus. H. F. Smith. 1,911,002; May 23.
- Refrigerating apparatus. H. F. Smith. 1,932,492; Oct. 31.
- Refrigerating apparatus. C. Steenstrup. 1,911,042; May 23.
- Refrigerating apparatus. A. H. Strong. 1,913,297; June 6.
- Refrigerating apparatus. O. M. Summers. 1,892,711; Jan. 3.
- Refrigerating apparatus. O. M. Summers. 1,924,062; Aug. 29.
- Refrigerating apparatus. W. F. Swezey. 1,894,285; Jan. 17.
- Refrigerating apparatus. F. L. Tarleton. 1,910,865; May 23.
- Refrigerating apparatus. F. L. Tarleton. 1,934,605; Nov. 7.
- Refrigerating apparatus. M. C. Terry. 1,922,508; Aug. 15.
- Refrigerating apparatus. E. Thomson. Re18,826; May 9.
- Refrigerating apparatus. H. R. Van Deventer. 1,934,155; Nov. 7.
- Refrigerating apparatus. H. Wallace and W. C. Holbrook. 1,940,655; Dec. 19.

- Refrigerating apparatus. H. B. Wallis. 1,892,713; Jan. 3.
 Refrigerating apparatus. T. C. Whitehead. 1,893,345; Jan. 3.
 Refrigerating apparatus. T. C. Whitehead and H. A. Greenwald. 1,893,478; Jan. 3.
 Refrigerating apparatus. T. C. Whitehead and H. A. Greenwald. 1,896,385; Feb. 7.
 Refrigerating apparatus. Absorption. T. M. Elfving. 1,903,413; May 9.
 Refrigerating apparatus. Absorption. W. R. Hainsworth and E. H. Kyden. 1,910,538; May 23.
 Refrigerating apparatus. Absorption. C. G. Munters. 1,910,853; May 23.
 Refrigerating apparatus. Absorption. R. S. Nelson. 1,897,209; Feb. 14.
 Refrigerating apparatus. Absorption. K. Nesselmann and H. Bräuer. 1,894,359; Jan. 17.
 Refrigerating apparatus. Absorption. R. S. Taylor. 1,913,352; July 18.
 Refrigerating apparatus. Absorption type. D. B. Knight. 1,903,901; May 16.
 Refrigerating apparatus. Absorption type. P. Kohler. 1,916,886; July 4.
 Refrigerating apparatus and cabinet therefor. H. A. Greenwald. 1,898,438; Feb. 21.
 Refrigerating apparatus and method. J. S. Belt. 1,893,483; Jan. 10.
 Refrigerating apparatus and method. J. C. Goosman. 1,933,258; Oct. 31.
 Refrigerating apparatus and method. D. H. Killeffer. 1,925,537; Sept. 5.
 Refrigerating apparatus. Carbonated beverage. W. E. Doughty. 1,920,462; Aug. 1.
 Refrigerating apparatus for packaged goods. R. R. Bottoms. 1,898,758; Feb. 21.
 Refrigerating apparatus for railway cars. E. C. Wood. 1,917,865; July 11.
 Refrigerating apparatus. Making. O. M. Summers. 1,913,175; June 6.
 Refrigerating apparatus. Mechanical. H. S. Estler. 1,932,172; Oct. 24.
 Refrigerating apparatus of the absorption type. P. C. Frey. 1,892,941; Jan. 3.
 Refrigerating body. E. M. Post, jr., and G. O. Hanshew. 1,932,533; Oct. 31.
 Refrigerating control means. J. L. Shrode. 1,929,523; Oct. 10.
 Refrigerating control system and method. P. A. Scherer and G. B. Ridley. 1,937,984; Dec. 5.
 Refrigerating device. J. Buchel. 1,903,437; Apr. 11.
 Refrigerating device. F. X. Burke. 1,939,334; Dec. 12.
 Refrigerating device. H. H. Carpenter. 1,895,971; Jan. 31.
 Refrigerating device. W. H. Free. 1,897,723; Feb. 14.
 Refrigerating evaporator. Distributive. B. F. Kubaugh. 1,920,570; Aug. 1.
 Refrigerating evaporator. Mechanical. A. W. Mellowes. 1,818,851; May 30.
 Refrigerating machine. A. Baumann. 1,920,675; Aug. 1.
 Refrigerating machine. A. Baumann. 1,935,538; Nov. 14.
 Refrigerating machine. L. Buehler, jr. 1,937,809; Dec. 5.
 Refrigerating machine. B. Hall. 1,928,755; Oct. 3.
 Refrigerating machine. E. Kägi. 1,910,840; May 23.
 Refrigerating machine. L. G. Knapp and J. N. Roth. 1,921,829; Aug. 8.
 Refrigerating machine. C. Orr. 1,902,518; Mar. 21.
 Refrigerating machine. P. Schlumbohm. 1,909,076; May 16.
 Refrigerating machine. C. Steenstrup. 1,904,559; Apr. 18.
 Refrigerating machine. C. Steenstrup. 1,904,561; Apr. 18.
 Refrigerating machine. C. Steenstrup. 1,907,603; May 9.
 Refrigerating machine. R. C. Warneke. 1,930,296; Oct. 10.
 Refrigerating machine. Absorption. E. Altenkirch. 1,901,794; Mar. 14.
 Refrigerating machine. Absorption. E. Altenkirch. 1,913,467; June 13.
 Refrigerating machine. Absorption. E. Altenkirch. 1,925,361; Sept. 5.
 Refrigerating machine. Continuous absorption. E. Altenkirch. 1,938,166; Dec. 5.
 Refrigerating machine. Vacuum. P. Schlumbohm. 1,935,749; Nov. 21.
 Refrigerating mechanism. A. J. Asmussen. 1,903,848; Apr. 18.
 Refrigerating mechanism. G. Muffy. 1,895,859; Jan. 31.
 Refrigerating mechanism. J. R. Repogle. 1,935,333; Nov. 14.
 Refrigerating mechanism. F. R. West. 1,925,549; Sept. 5.
 Refrigerating method and apparatus. F. T. Harding. 1,930,678; Oct. 17.
 Refrigerating method and apparatus. B. F. Randel. 1,922,712; Aug. 15.
 Refrigerating method and apparatus for. L. G. Copeman. 1,893,228; Jan. 3.
 Refrigerating plant. R. and H. Bernat. 1,904,817; Apr. 18.
 Refrigerating plant. E. Kindermann. 1,926,286; Sept. 12.
 Refrigerating system. G. E. Adams. 1,940,235; Dec. 19.
 Refrigerating system. E. S. H. Baars. 1,932,007; Oct. 24.
 Refrigerating system. C. Dantsizen. 1,920,845; Aug. 1.
 Refrigerating system. A. C. Denslow. 1,930,225; Oct. 10.
 Refrigerating system. F. B. Hunt. 1,818,795; Apr. 11.
 Refrigerating system. J. T. Mackan. 1,914,032; June 13.
 Refrigerating system. S. A. Pearson. 1,911,464; May 30.
 Refrigerating system. L. A. Philipp. 1,931,268; Oct. 17.
 Refrigerating system. R. E. Schurtz. 1,905,308; Apr. 25.
 Refrigerating system. B. C. Shipman. 1,940,734; Dec. 28.
 Refrigerating system. E. Siofot. 1,925,407; Sept. 5.
 Refrigerating system. E. O. Smith. 1,932,607; Oct. 31.
 Refrigerating system. E. A. Weaver. 1,935,866; Nov. 21.
 Refrigerating system. Absorption. S. M. Bäckström. 1,924,770; Aug. 29.
 Refrigerating system. Absorption. G. Maiuri and R. F. Bossini. 1,898,859; June 6.
 Refrigerating system. Absorption. G. Maiuri and R. F. Bossini. 1,905,727; Apr. 25.
 Refrigerating system and method. J. C. Goosman. 1,908,290; May 9.
 Refrigerating system and structure therefor. N. B. Wales. 1,916,901; July 4.
 Refrigerating system. Compression type. P. W. Des Roches. 1,892,874; Jan. 3.
 Refrigerating system. Intermittent absorption. H. C. Shagloff. 1,936,039; Nov. 21.
 Refrigerating system. Regenerative. G. F. Zellhoefer. 1,895,698; Jan. 31.
 Refrigerating system. Solid-CO₂. A. J. Cordrey. 1,903,170; Mar. 28.
 Refrigerating unit. M. R. Karge. 1,897,907; Feb. 14.
 Refrigerating unit. A. Ramclau. 1,915,165; June 20.
 Refrigerating unit. C. L. West. 1,899,008; Nov. 21.
 Refrigerating unit. C. L. West. 1,898,922; Feb. 21.
 Refrigerating units. Automatically defrosting. C. T. Hoffman. 1,916,315; July 4.
 Refrigeration. R. R. Candor. 1,934,166; Nov. 7.
 Refrigeration. N. Caro. A. R. Frank, R. Wendlandt, and T. Fischer. 1,899,259; Feb. 28.
 Refrigeration. W. T. Hedlund. 1,922,203; Aug. 15.
 Refrigeration. B. B. Holmes. 1,922,132; Aug. 15.
 Refrigeration. G. Hulse. 1,899,036; Feb. 28.
 Refrigeration. P. Köhler. 1,918,342; July 18.
 Refrigeration. A. L. and F. M. Lambert. 1,934,864; Nov. 14.
 Refrigeration. A. Lenning. 1,901,458; Mar. 14.
 Refrigeration. A. Lenning. 1,912,644; June 6.
 Refrigeration. A. Lenning. 1,914,861; June 20.
 Refrigeration. S. E. Link. 1,937,705; Dec. 5.
 Refrigeration. H. G. McComb and W. D. Collins. 1,892,960; Jan. 3.
 Refrigeration. C. G. Munters. 1,896,323; Feb. 7.
 Refrigeration. C. G. Munters. 1,903,934; Apr. 18.
 Refrigeration. W. G. Nolcken. 1,918,820; July 18.
 Refrigeration. B. F. Randel. 1,906,414; May 2.
 Refrigeration. B. F. Randel. 1,915,693; June 27.
 Refrigeration. B. F. Randel. 1,922,713; Aug. 15.
 Refrigeration. R. S. Taylor. 1,914,222; June 13.
 Refrigeration. B. C. von Platen and C. G. Munters. 1,919,007; Nov. 21.
 Refrigeration. B. C. von Platen and C. G. Munters. 1,915,584; June 27.
 Refrigeration. B. C. von Platen and C. G. Munters. 1,920,612; Aug. 1.
 Refrigeration. E. A. Weaver. 1,892,821; Jan. 3.
 Refrigeration. M. Wexler. 1,904,590; Apr. 18.
 Refrigeration. E. T. Williams. 1,923,899; Aug. 22.
 Refrigeration. E. T. Williams. 1,927,146; Sept. 19.
 Refrigeration. H. M. Williams. 1,910,077; May 23.
 Refrigeration. Absorption. E. Babcock. 1,934,690; Nov. 14.
 Refrigeration apparatus. R. C. Haimbaugh. 1,900,644; Mar. 7.
 Refrigeration apparatus. D. E. Maccabee. 1,897,205; Feb. 14.
 Refrigeration apparatus. L. Roebel. 1,934,145; Nov. 7.
 Refrigeration apparatus. L. Roebel. 1,934,146-7; Nov. 7.
 Refrigeration apparatus. F. L. Tarleton. 1,928,467; Sept. 26.
 Refrigeration apparatus. C. H. Thomas. 1,892,911; Jan. 3.
 Refrigeration apparatus. H. E. Willsie. 1,916,028; June 27.
 Refrigeration apparatus. L. K. Wright. 1,904,024; Apr. 18.
 Refrigeration apparatus. Absorption. D. B. Knight. 1,900,650; Mar. 7.
 Refrigeration. Apparatus for. W. L. Gilchrist. 1,937,690; Dec. 5.
 Refrigeration evaporation. D. Sandford. 1,930,491; Oct. 17.
 Refrigeration plant. P. A. Scherer and G. B. Ridley. 1,913,857; June 13.
 Refrigeration system. R. L. Hasche. 1,939,695; Dec. 19.
 Refrigeration system. L. U. Larkin. 1,902,784; Mar. 21.
 Refrigeration system. L. I. Yeomans. 1,938,205; Dec. 5.
 Refrigeration system and method. J. J. Shively. 1,907,885; May 9.
 Refrigeration system with multiple impellers and shell evaporators. N. H. Gay. 1,940,347; Dec. 19.
 Refrigeration unit. F. C. Geiler. 1,897,020; Feb. 7.
 Refrigeration unit. E. A. Hampson. 1,896,080; Feb. 7.
 Refrigeration unit. V. V. Torbensen. 1,936,889; Nov. 28.

- Refrigeration unit, Flooded type. R. C. Haimbaugh and A. F. Hoessel. 1,903,591; Apr. 11.
- Refrigeration with liquefied fuel gas. Process and apparatus for. D. W. Davisson and F. G. Welke. 1,905,971; Apr. 25.
- Refrigerator. A. Amyot. 1,928,239; Sept. 26.
- Refrigerator. C. F. Belshaw. 1,933,042; Oct. 31.
- Refrigerator. C. E. Bonine. 1,914,349; June 13.
- Refrigerator. R. G. Calton. 1,916,165-6; June 27.
- Refrigerator. E. D. Campbell and W. F. Dietrichson. 1,917,873; July 11.
- Refrigerator. E. D. Campbell and W. F. Dietrichson. 1,937,545; Dec. 5.
- Refrigerator. C. C. Curtis. 1,921,865; Aug. 8.
- Refrigerator. L. W. Eggleston. 1,911,443; May 30.
- Refrigerator. R. P. Farrington. 1,896,046; Jan. 31.
- Refrigerator. R. T. Frazier. Des. 89,567; Apr. 4.
- Refrigerator. R. T. Frazier. 1,909,261; May 16.
- Refrigerator. G. E. Friedrich. 1,893,769; Jan. 10.
- Refrigerator. H. A. Glasser. 1,927,398; Sept. 19.
- Refrigerator. L. J. Gottschalk. 1,901,556; Mar. 14.
- Refrigerator. A. A. Kucher. 1,934,603-4; Nov. 7.
- Refrigerator. C. E. L. Lipman. 1,895,806; Jan. 31.
- Refrigerator. J. H. Long. 1,905,597; Apr. 25.
- Refrigerator. I. Lundgaard. 1,909,875; May 16.
- Refrigerator. L. A. Matson. 1,931,503; Oct. 24.
- Refrigerator. C. A. Moore. 1,900,576; Mar. 7.
- Refrigerator. C. A. Moore. 1,900,579; Mar. 7.
- Refrigerator. C. G. Munsters. 1,910,854; May 23.
- Refrigerator. E. L. Powell. 1,922,456; Aug. 15.
- Refrigerator. D. E. Rutishauser. 1,911,210; May 30.
- Refrigerator. A. B. Salto. 1,928,212; Sept. 26.
- Refrigerator. R. Schlenk. 1,898,317; Feb. 21.
- Refrigerator. C. F. Walter. 1,899,372; Feb. 28.
- Refrigerator accessory, Electric. J. P. Meadows. 1,933,991; Nov. 7.
- Refrigerator and casing therefor, Portable electric. M. Goldkind. 1,938,141; Dec. 5.
- Refrigerator and cooling apparatus. J. B. Peck. 1,917,056; July 4.
- Refrigerator and cooling unit therefor. J. S. Booth. 1,913,931; June 13.
- Refrigerator and milk box, Combined automatic. J. F. Dailey. 1,923,191; Aug. 22.
- Refrigerator, Apartment. C. E. L. Lipman. 1,926,341; Sept. 12.
- Refrigerator, Beverage cooling. C. A. Frick. 1,932,268; Oct. 24.
- Refrigerator, Bottle. C. A. Frick. 1,923,033; Aug. 15.
- Refrigerator, Bottle. C. A. Frick and R. E. Baker. 1,923,032; Aug. 15.
- Refrigerator box and system of refrigeration. J. H. Wooll. 1,897,095; Feb. 14.
- Refrigerator buffet. F. Carson. Des. 90,103; June 13.
- Refrigerator cabinet. R. H. Money. Des. 90,291; July 11.
- Refrigerator cabinet. C. C. Thomas. Des. 89,098; Jan. 24.
- Refrigerator cabinet construction. H. A. Greenwald. 1,898,439; Feb. 21.
- Refrigerator cabinet or similar article. D. R. Dohner. Des. 89,388; Mar. 7.
- Refrigerator condenser. D. F. Newman. 1,931,154; Oct. 17.
- Refrigerator condensing unit. G. A. Vis. 1,893,344; Jan. 3.
- Refrigerator construction. G. A. Aylsworth. 1,900,856; Mar. 7.
- Refrigerator construction. J. T. Card and W. C. Holbrook. 1,933,242; Oct. 31.
- Refrigerator construction. R. H. Money. 1,939,914; Dec. 19.
- Refrigerator construction. F. M. Sutton. 1,916,852; July 4.
- Refrigerator construction. V. P. Warren. 1,899,171; Feb. 28.
- Refrigerator container, Railway. S. H. Owens. 1,926,700; Sept. 12.
- Refrigerator control. J. J. Bauman. 1,934,607-8; Nov. 7.
- Refrigerator control. A. B. Reavis. 1,934,609; Nov. 7.
- Refrigerator controller. R. W. Doeg. 1,893,360; Jan. 3.
- Refrigerator, Dairy products. R. R. Shirley. 1,900,306; Mar. 7.
- Refrigerator device. J. N. Whitehouse. 1,923,522; Aug. 22.
- Refrigerator, Display. V. P. Warren. 1,939,800; Dec. 19.
- Refrigerator display case. L. G. Gray. 1,932,694; Oct. 31.
- Refrigerator door lock. A. L. Hansen. 1,919,328; July 25.
- Refrigerator drawer. A. J. Feltault. 1,930,233; Oct. 10.
- Refrigerator element and producing same. G. H. Rossebo and F. Hoke. 1,897,957; Feb. 14.
- Refrigerator evaporator. C. Steenstrup. 1,904,560; Apr. 18.
- Refrigerator ice rack construction. R. T. Smith. 1,938,983; Dec. 12.
- Refrigerator latch. G. E. De Voe. 1,925,308; Sept. 5.
- Refrigerator latch. G. E. De Voe. 1,929,775; Oct. 10.
- Refrigerator lock, Concealed. E. W. North. 1,916,848; July 4.
- Refrigerator of brine-circulation system. K. Yamane. 1,924,225; Aug. 29.
- Refrigerator, Portable. J. Heydthausen and L. E. Stipe. 1,932,696; Oct. 31.
- Refrigerator, Showcase. V. P. Warren. 1,915,704; June 27.
- Refrigerator starter, Voltage compensated. L. P. Hutt. 1,921,127; Aug. 8.
- Refrigerator top. J. R. Replogle. Des. 89,535; Mar. 21.
- Refrigerator trap. J. H. Tobin. 1,917,344; July 11.
- Refrigerator tray or drawer. A. J. Feltault. 1,930,234; Oct. 10.
- Refrigerator unit. W. S. Josephson. 1,914,023; June 13.
- Refrigerator unit. F. D. Pellier. 1,918,981; July 18.
- Refrigerator van. G. La Cauza. 1,932,162; Oct. 24.
- Refrigerator, Ventilated. C. A. Moore. 1,900,580; Mar. 7.
- Refrigerators and other devices, Structure for. C. P. Minning. 1,899,710; Feb. 28.
- Refrigerators and the like, Defrosting mechanical. N. Sulzberger. 1,908,573; May 9.
- Refrigerators, Liquid return for intermittent absorption. T. B. Focke. 1,914,687; June 20.
- Refrigerators, Vessel and track construction for. A. C. Crimmel. 1,920,359; Aug. 1.
- Refuse and making building material therefrom, Treating. M. M. Upson. 1,936,810; Nov. 28.
- Refuse collector and separator for vegetable paring machines, Attachable. M. R. Anstice. 1,909,245; May 16.
- Refuse constructor. W. J. Bulglin. 1,940,293; Dec. 19.
- Refuse container. W. C. Stein. 1,911,724; May 30.
- Refuse disposal apparatus. D. J. Mossbhart. 1,910,852; May 23.
- Refuse matter, Disposing. J. E. Greenawalt. 1,918,535; July 18.
- Refusing unit, Automatic. J. E. Sumpter. 1,919,453; July 25.
- Regenerative chamber. W. J. Irwin. 1,904,237; Apr. 18.
- Regenerative furnace. M. H. McEwan. 1,920,872; Aug. 1.
- Regenerative heater. A. S. Villasuso. 1,939,153; Dec. 12.
- Regenerative repeater. E. P. Bancroft. 1,931,099; Oct. 17.
- Regenerative repeater. A. F. Connery. 1,915,517; June 27.
- Regenerative repeater. R. M. Hicks, E. R. Leroy and F. C. Collings. 1,932,665; Oct. 31.
- Regenerative reverberatory furnace. O. Schweitzer. 1,892,971; Jan. 3.
- Regenerator. J. Daniels. 1,908,409; May 9.
- Register. See—
Cash register.
- Register. L. R. Brown. 1,911,796; May 30.
- Register. L. R. Brown. 1,929,053; Oct. 3.
- Register. L. P. Crosman. 1,915,296; June 27.
- Register. L. P. Crosman. 1,932,013; Oct. 24.
- Register. C. Gardner. 1,913,983; June 13.
- Register. J. A. Henry and J. H. Yancey. 1,906,856; May 2.
- Register. C. W. Kinzer. 1,925,258; Sept. 5.
- Register, Autographic. R. D. Budlong. Des. 90,573; Aug. 29.
- Register, Autographic. P. A. Jackson. 1,912,844; June 6.
- Register, Autographic. F. E. Pfeiffer. 1,901,258; Mar. 14.
- Register, Autographic. W. C. Pfeiffer. 1,909,006; May 16.
- Register, Autographic. W. H. Robertson. 1,911,206; May 30.
- Register, Automatic. J. A. McKee and C. L. Johnston. 1,932,980; Oct. 31.
- Register, Automatic salesbook. J. A. Gibbs. 1,895,621; Jan. 31.
- Register, Cash. F. W. F. Berger. 1,904,976; Apr. 18.
- Register, Cash. S. Brand. 1,917,355-6; July 11.
- Register, Cash. C. W. Green. 1,915,604; June 27.
- Register, Cash. F. Marbach. 1,911,520; May 30.
- Register, Cash. E. Ostermeyer. 1,906,805; May 2.
- Register, Cash. W. J. Pasinski. Des. 88,859; Jan. 3.
- Register, Cash. P. Shurlino. 1,908,060; May 9.
- Register, Cash. B. M. Shipley. 1,908,068; May 9.
- Register, Cash. B. M. Shipley. 1,915,624; June 27.
- Register, Cash. B. M. Shipley. 1,916,535; July 4.
- Register, Cash. B. M. Shipley. 1,917,332; July 11.
- Register, Cash. E. J. Von Fein. 1,904,964; Apr. 18.
- Register, Cash fare. W. Thompson and L. F. Briggs. 1,912,803; June 6.
- Register, Dual cash. W. B. Dunning. 1,899,083; Feb. 28.
- Register, Fare. J. M. Johnson. 1,918,915; July 18.
- Register, Filling. C. W. Potter. 1,918,194; July 11.
- Register for typewriters, Word counting. A. E. Oswald. 1,904,515; Apr. 18.
- Register, mechanism. J. R. Daly. 1,936,126; Nov. 21.
- Registering, display, and transmission apparatus and system. H. S. Martin. 1,939,822; Dec. 19.
- Register or Index. R. Drucker. 1,895,409; Jan. 24.
- Register, Resettable. R. G. Whitlock. 1,894,433; Jan. 17.
- Register, Revolving. manufacturing. A. W. Metzner. 1,912,908; June 6.
- Register, Straight flow volume control. W. T. Truax. 1,924,263; Aug. 29.
- Regulating and controlling gate, Automatic. S. Kambara. 1,901,396; Mar. 14.
- Regulating apparatus. K. H. Hubbard. 1,909,469; May 16.
- Regulating apparatus. E. T. Johnsson. 1,925,836; Sept. 5.
- Regulating apparatus. A. V. Livingston. 1,924,193; Aug. 29.
- Regulating apparatus. H. C. Nycum. 1,936,801; Nov. 28.
- Regulating apparatus. E. E. Olson and R. D. Cleveland. 1,937,666; Dec. 5.

- Regulating apparatus. C. F. Wagner. 1,922,182; Aug. 15.
 Regulating device. J. L. Arthur. 1,929,382; Oct. 3.
 Regulating device. T. H. Kennedy. 1,936,362; Nov. 21.
 Regulating equipment. H. C. Nycum and J. H. Ashbaugh. 1,928,701; Oct. 3.
 Regulating means. B. M. Leece and D. S. Cole. 1,896,547; Feb. 7.
 Regulating means. H. B. Morrill. 1,919,281; July 25.
 Regulating means for high power electric discharge amplifiers. P. D. Andrews. 1,902,484; Mar. 21.
 Regulating means for independently fired superheaters. A. Huef. 1,929,890; Oct. 10.
 Regulating mechanism for prime movers. R. J. Caughey. 1,933,311; Oct. 31.
 Regulating system. J. H. Ashbaugh and R. A. Geiselman. 1,932,030; Oct. 24.
 Regulating system. R. M. Carothers and L. W. Thompson. 1,896,862; Feb. 7.
 Regulating system. G. A. Chutter. 1,940,295; Dec. 19.
 Regulating system. F. T. Coldwell. 1,915,050; June 20.
 Regulating system. R. De Camp. 1,907,517; May 9.
 Regulating system. R. De Camp. 1,926,838; Sept. 12.
 Regulating system. C. D. De Mers and R. E. Olson. 1,936,049; Nov. 21.
 Regulating system. A. S. Fitz Gerald. 1,911,074; May 23.
 Regulating system. G. W. Garman. 1,928,686; Oct. 3.
 Regulating system. W. H. T. Holden and R. P. Jutson. 1,903,999; Apr. 18.
 Regulating system. G. H. Jump. 1,915,095; June 20.
 Regulating system. R. Keller. 1,933,858; Nov. 7.
 Regulating system. H. C. Nycum. 1,940,876; Dec. 26.
 Regulating system. M. Stöhr. 1,921,710; Aug. 8.
 Regulating system. L. W. Thompson. 1,909,137; May 16.
 Regulating system. L. W. Thompson. 1,936,415; Nov. 21.
 Regulating system. Automatic. J. H. Ashbaugh and R. A. Geiselman. 1,920,544; Aug. 1.
 Regulating system for alternating current circuits. J. Kubler. 1,930,979; Oct. 17.
 Regulating system for dynamo-electric machines. R. E. Rice. 1,913,639; June 13.
 Regulating system. Temperature. J. C. Hornung. 1,919,330; July 25.
 Regulating valve. R. M. Galloway. 1,926,868; Sept. 12.
 Regulating valve. P. Spence. 1,906,651; May 2.
 Regulation. R. C. Roe. 1,898,020; Feb. 21.
 Regulation. Method and system of. A. M. Rossman. 1,920,323; Aug. 1.
 Regulation. System and apparatus for. L. H. Von Ohlsen and F. W. Godsey, Jr. 1,914,545; June 20.
 Regulation. System and apparatus for. L. H. von Ohlsen and F. W. Godsey, Jr. 1,917,472-4; July 11.
 Regulation. System and method of. A. M. Rossman. 1,916,934; July 4.
 Regulator: See—
 Automatic regulator. Heat regulator.
 Automatic window regulator. Hydraulic regulator.
 Consistency regulator. Liquid level regulator.
 Dampor regulator. Oil pressure regulator.
 Draft regulator. Oven regulator.
 Electric current regulator. Pool level regulator.
 Electric regulator. Pressure fluid regulator.
 Electrical regulator. Pressure regulator.
 Electrically operated regulator. Speed regulator.
 Feed water regulator. Spray gun regulator.
 Flow regulator. Steam-heater regulator.
 Fluid flow regulator. Steam temperature regulator.
 Fluid pressure regulator. Temperature regulator.
 Furnace heat regulator. Thermo-regulator.
 Furnace regulator. Traffic regulator.
 Gas pressure regulator. Valve regulator.
 Gas regulator. Vapor regulator.
 Generator regulator. Voltage regulator.
 Generator voltage regulator. Water feed regulator.
 Window regulator.
 Regulator. T. E. Foulke. 1,897,471; Feb. 14.
 Regulator. C. J. King. 1,936,763; Nov. 28.
 Regulator. J. M. Larson. 1,931,663; Oct. 24.
 Regulator. A. S. Mancib. 1,909,495; May 16.
 Regulator. L. M. Persons. 1,928,762; Oct. 3.
 Regulator. S. E. B. Soderberg. 1,905,519; Apr. 25.
 Regulator and switch, Combined pressure. L. B. Green. 1,938,327; Dec. 5.
 Regulator compensator. F. H. Gulliksen. 1,909,104; May 16.
 Regulator control system. S. Miyamoto. 1,919,960; July 25.
 Regulator device. J. Rogopolsky. 1,893,126; Jan. 3.
 Regulator for brake rigging. P. A. Blair. 1,899,075; Feb. 28.
 Regulator for brake rigging. P. A. Blair. 1,907,174; May 2.
 Regulator for compressors, Automatic. L. L. Collins. 1,896,790; Feb. 7.
 Regulator for electric arc furnaces, Automatic current. J. Young. 1,939,427; Dec. 12.
 Regulator for electric irons, Heat. L. L. Valentine. 1,934,894; Nov. 14.
 Regulator for heating plants. J. V. Giesler. 1,936,329; Nov. 21.
 Regulator for multistage compressor systems. W. Ochel. 1,906,012; Apr. 25.
 Regulator for ovens and the like, Heat. W. W. Sackett. 1,941,021; Dec. 26.
 Regulator for pumps, Automatic. L. R. Huff. 1,924,930; Aug. 29.
 Regulator for the fuel pressure in internal combustion engines. L. L. Viel. 1,897,742; Feb. 14.
 Regulator for winding on installations. J. Dethier. 1,903,588; Apr. 11.
 Regulator motor, Remote control. E. H. White. 1,905,325; Apr. 25.
 Regulator system. J. H. Ashbaugh. 1,901,621; Mar. 14.
 Regulator system. J. H. Ashbaugh. 1,914,095; June 13.
 Regulator system. R. D. Evans. 1,935,290; Nov. 14.
 Regulator system. R. A. Geiselman. 1,939,443; Dec. 12.
 Regulator system. E. Görk. 1,936,787; Nov. 28.
 Regulator system. S. B. Griscom and C. F. Wagner. 1,935,292; Nov. 14.
 Regulator system. W. Pontow. 1,924,377; Aug. 29.
 Regulator system. J. H. Sole. 1,915,389; June 27.
 Regulators for three-phase generators, Compounding voltage. A. Ytterberg. 1,899,406; Feb. 28.
 Reheater. W. H. Armcoast. 1,896,213; Feb. 7.
 Reheater. J. E. Trainer and I. L. Langvand. 1,929,376; Oct. 3.
 Relay. J. W. Barkham. 1,925,997; Sept. 5.
 Relay. D. M. Broughton. 1,893,856; Jan. 10.
 Relay. H. C. Doane. 1,922,422; Aug. 15.
 Relay. M. F. Fitzgerald. 1,927,775; Sept. 19.
 Relay. J. R. Fry. 1,897,045; Feb. 14.
 Relay. W. D. Hailes and W. H. Hoppe. 1,929,094; Oct. 3.
 Relay. J. F. Merkel. 1,929,097; Oct. 3.
 Relay. J. C. Tamsitt. 1,938,405; Dec. 5.
 Relay. H. W. Williams and D. Santini. 1,902,602; Mar. 21.
 Relay brake, Fluid operated. R. Defives. 1,912,261; May 30.
 Relay, Capacity controlled. C. D. Barbulesco. 1,905,332; Apr. 25.
 Relay-combination groups, Arrangement in. G. A. Betulander. 1,924,064; Aug. 22.
 Relay control device. C. I. Hall. 1,894,095; Jan. 10.
 Relay element, High-speed directional. S. L. Goldsborough. 1,934,664; Nov. 7.
 Relay element, High-speed impedance. S. L. Goldsborough. 1,934,663; Nov. 7.
 Relay element, Timing. S. L. Goldsborough. 1,934,665; Nov. 7.
 Relay, Field failure protective. P. McShane. 1,918,978; July 18.
 Relay, Fluid operated. E. E. Free. 1,936,356; Nov. 21.
 Relay for brake rigging. E. R. Evans. 1,930,674; Oct. 17.
 Relay for distant control. E. Granat. 1,906,905; May 2.
 Relay for network distribution systems. J. S. Parsons. 1,893,179; Jan. 3.
 Relay for tube transmitters, Protective. F. H. Kroger. 1,920,646; Aug. 1.
 Relay, High-speed impedance-responsive. S. L. Goldsborough. 1,934,662; Nov. 7.
 Relay, Invar. W. N. Ellingson. 1,901,708; Mar. 14.
 Relay means for highway crossing signal systems. W. S. Henry. 1,909,274; May 16.
 Relay mechanism, Meter controlled. R. P. Brown. 1,914,481; June 20.
 Relay, Piezo-electric. W. A. Marrison. 1,931,028; Oct. 17.
 Relay, Polarized. W. H. Hoppe. 1,918,473; July 18.
 Relay, Protective. J. Stöcklin. 1,934,215; Nov. 7.
 Relay protective system. W. A. Minkler. 1,939,609; Dec. 12.
 Relay rack. F. C. Lavarack. 1,919,166; July 18.
 Relay, Reactance controlled. P. S. Edwards and C. D. Barbulesco. 1,898,432; Feb. 21.
 Relay scheme, Unbalanced ratio. T. G. Le Clair and C. M. Gross. 1,919,231; July 25.
 Relay, Slow acting. M. H. Hovey. 1,922,089; Aug. 15.
 Relay, Slow-to-release. E. Frischnecht. 1,923,863; Aug. 22.
 Relay system. L. N. Crichton. 1,924,307; Aug. 29.
 Relay system. R. G. Richardson. 1,904,929; Apr. 18.
 Relay system. R. F. Schuchardt. 1,931,013; Oct. 17.
 Relay system. H. L. Van Valkenburg. 1,932,808; Oct. 31.
 Relay system for ground faults, Compensated. W. A. Lewis. 1,897,022; Feb. 7.
 Relay testing apparatus. A. D. Dowd. 1,941,253; Dec. 26.
 Relay, Ultra-sensitive. P. S. Edwards and D. Barbulesco. 1,917,243; July 11.
 Relaying by current transformer and relays. T. G. Le Clair. 1,919,230; July 25.
 Relaying equipment, High-speed. L. S. C. Tippet. 1,920,329; Aug. 1.
 Release, Automatic. E. A. Lowe. 1,938,845; Dec. 12.
 Release coupling. C. C. Heeter. 1,936,669; Nov. 28.
 Release mechanism. F. E. Moffett. 1,900,725; Mar. 7.
 Release mechanism. A. C. Rowlev. 1,899,827; Feb. 28.
 Release valve. C. M. Banks. 1,899,757; Jan. 10.
 Release valve. J. C. McCune. 1,895,472; Jan. 31.
 Release valve, Automatic air brake. S. Bogut. 1,922,417; Aug. 15.
 Releasing clamp. K. A. Hawley. 1,916,950; July 4.
 Releasing clamp. K. A. Hawley. 1,929,423; Oct. 10.
 Releasing clamp. K. A. Hawley. 1,929,535; Oct. 10.
 Releasing clamp. J. M. Jester. 1,907,182; May 2.
 Releasing clamp. S. L. Moore, Jr. 1,935,573; Nov. 14.
 Relief effects, Producing. A. J. Campbell. 1,915,515; June 27.

- Relief valve. N. F. Henkel. 1,902,027; Mar. 21.
 Relief valve. V. V. Veenschoten. 1,923,127; Aug. 22.
 Relief valve, High pressure. H. M. Lytel. 1,916,766; July 4.
 Reloading device. J. G. De Andia Yrarrázaval. 1,926,613; Sept. 12.
 Reluctance controlling means. C. H. Zierdt. 1,896,436; Feb. 7.
 Remedy for anemia. R. M. Parr. 1,909,070; May 16.
 Remedy for combating plant diseases and for the protection of plants against attacks from fungi and insects. F. Johnsen. 1,903,626; Apr. 11.
 Remote control. L. de Florez. 1,909,815; May 16.
 Remote control. H. Schwarze and L. M. Perkins. 1,931,624; Oct. 24.
 Remote control apparatus. E. M. Allen and C. A. Brooks. 1,929,047; Oct. 3.
 Remote control apparatus. C. H. Kain. 1,933,376; Oct. 31.
 Remote control apparatus. R. A. McCann. 1,926,594; Sept. 12.
 Remote control apparatus. J. M. Pelikan and C. A. Brooks. 1,939,722; Dec. 19.
 Remote control apparatus. H. G. Phelps. 1,896,418; Feb. 7.
 Remote control apparatus. P. P. Stoker. 1,923,174; Aug. 22.
 Remote control apparatus. A. E. Weingartner and C. V. Koons. 1,919,758; July 25.
 Remote control apparatus for power driven boats. E. E. E. Mullins. 1,925,000; Aug. 29.
 Remote control apparatus for radio circuits. E. J. Manz. 1,896,550; Feb. 7.
 Remote control device. J. O. Gargan and B. O. Browne. 1,932,816; Oct. 31.
 Remote control device. C. E. Germanton. 1,917,881; July 11.
 Remote control device. S. Ruben. 1,916,235; July 4.
 Remote control device for radio receiving apparatus. E. L. Barrett. 1,926,256; Sept. 12.
 Remote control for pitot tubes. R. Star. 1,924,965; Aug. 29.
 Remote control for radio receiving sets. S. Marchese and J. Miranda. 1,911,086; May 23.
 Remote control for radio tuning device. L. H. Morin. 1,906,709; May 2.
 Remote control for radios and the like. B. R. Erbe. 1,927,260; Sept. 19.
 Remote control for space and wired radio systems. A. M. Troegner. 1,894,646; Jan. 17.
 Remote control mechanism. O. A. Hokanson and J. F. Koca. 1,899,151; Feb. 28.
 Remote control mechanism. R. H. Mautsch. 1,935,806; Nov. 21.
 Remote control mechanism. R. G. Thompson. 1,913,735; June 13.
 Remote control mechanism for radio apparatus. H. R. Miller. 1,938,397; Dec. 5.
 Remote-control selective device for automatic multiple-record phonographs or the like. B. E. Mills. 1,924,620; Aug. 29.
 Remote control system. R. Bataille. 1,897,718; Feb. 14.
 Remote control system. J. L. Bonanno. 1,897,748-9; Feb. 14.
 Remote control system. J. O. Carr. 1,917,294; July 11.
 Remote control system. E. F. Chandler. 1,898,242; Feb. 21.
 Remote control system. A. P. Davis. 1,922,759; Aug. 15.
 Remote control system. C. A. Gunther and C. A. Brokaw. 1,911,021; May 23.
 Remote control system. H. E. Hershey. 1,930,517; Oct. 17.
 Remote control system. H. E. Hershey. 1,932,623; Oct. 31.
 Remote control system. R. E. Thompson. 1,899,779; Feb. 28.
 Remote control system. E. F. Watson. 1,898,921; Feb. 21.
 Remote control system. L. W. Webb. 1,929,297; Oct. 3.
 Remote control system. R. J. Wensley. 1,905,255; Apr. 25.
 Remote control system. B. A. Wittkuhns. 1,921,982; Aug. 8.
 Remote control system. B. A. Wittkuhns and F. M. Watkins. 1,916,706; July 4.
 Remote-control system, Electric. B. H. Leeson, W. Anderson, and D. E. Lambert. 1,935,124; Nov. 14.
 Remote control system, Electric selective. B. H. Leeson and D. E. Lambert. 1,893,479; Jan. 3.
 Remote control system for oscillographs. J. W. Legg. 1,902,650; Mar. 21.
 Remote control system for radio instruments. W. P. Crilly. 1,930,159; Oct. 10.
 Remote control system for radio instruments and the like. W. P. Crilly. 1,930,160; Oct. 10.
 Remote controlling plant. O. Ortner, G. Münsterer, W. Gebhardt, and K. Keller. 1,922,711; Aug. 15.
 Remote indicating system. B. E. Lenchan. 1,911,372; May 30.
 Remote indication apparatus. R. M. Gilson. 1,924,603; Aug. 9.
 Removable guide pin. N. M. Marsilius. 1,921,421; Aug. 8.
 Rendering. H. O. Halvorson. 1,930,169; Oct. 10.
 Renewable filter. H. Birkholz. 1,899,007; Feb. 28.
 Repair device for closing ruptures in concrete structures. E. J. Winslow. 1,905,405; Apr. 25.
 Repeater. J. Stich. 1,917,403; July 11.
 Repeater system. A. T. Jester. 1,899,037; Feb. 28.
 Repeating device for talking machines. G. F. Clark. 1,926,580; Sept. 12.
 Reproducer. W. C. Grunow. 1,898,441; Feb. 21.
 Reproducing and recording device, Combined. R. Dally. 1,902,950; Mar. 28.
 Reproducing machines, Attachment for a. G. F. Montgomery. 1,917,269; July 11.
 Reproducing system. H. A. Yeider. 1,909,995; May 23.
 Reproduction by contact of films with refracting microscopic elements. R. Berthon. 1,930,550; Oct. 17.
 Reproduction by printing. J. P. Young. 1,940,931; Dec. 26.
 Rescue device for submarines. A. Genova. 1,919,834; July 25.
 Rescue tank. H. E. Grieshaber. 1,929,168; Oct. 3.
 Reserving preparation and reserve dyeing process. New. G. Torinus. 1,922,993; Aug. 15.
 Reservoir and dash pump, Lubricant. J. E. Otis, jr. 1,934,877; Nov. 14.
 Reservoir and follower construction, Lubricant. I. B. Nielsen. 1,926,399; Sept. 12.
 Reservoir and pump for central lubrication systems, Lubricant. F. H. Gleason. 1,924,068; Aug. 22.
 Reservoir and support therefor, Combination liquid fuel. W. T. Bradbury. Des. 90,473; Aug. 15.
 Reservoir applicator. J. De Philipps. 1,921,912; Aug. 8.
 Reservoir control, Auxiliary. H. O. Ferring. 1,926,146; Sept. 12.
 Reservoir filling apparatus. H. J. Lucke. 1,926,343; Sept. 12.
 Reservoir, Liquid storage. J. A. Bjerregaard. 1,909,484; May 16.
 Resetting mechanism for testing machines. F. A. Valentine. 1,911,006; May 23.
 Residence panel board. C. E. Hanny. 1,904,136; Apr. 18.
 Resilient chair. F. J. Trainor. 1,915,480; June 27.
 Resilient container and sealing it. B. C. Eberhard. 1,918,524; July 18.
 Resilient filter. H. D. Austin. 1,934,251; Nov. 7.
 Resilient material, Apparatus for packaging. C. Field. 1,937,036; Nov. 28.
 Resilient pad. R. N. West. 1,939,477; Dec. 12.
 Resilient structure for chairs and the like. F. J. Trainor. 1,896,260; Feb. 7.
 Resilient support. J. H. Crosbie. 1,909,337; May 16.
 Resilient support. C. Saurer. 1,911,585; May 30.
 Resilient wheel. J. A. Gray. 1,918,032; July 11.
 Resilient wheel. M. Pongiluppi. 1,893,142; Feb. 21.
 Resin and coating or plastic composition containing the same. W. H. Moss and G. W. Seymour. 1,940,727; Dec. 26.
 Resin and making same, Urea-acetaldehyde-formaldehyde. G. Barsky and H. P. Wohnsiedler. 1,896,276; Feb. 7.
 Resin and making, Synthetic. C. C. Moore and E. H. Drake. 1,922,743; Aug. 15.
 Resin and making, Synthetic. C. G. Moore and M. Zucker. 1,915,544; June 27.
 Resin and making the same, Phenol-furfural. N. D. Hanson. 1,917,248; July 11.
 Resin and making the same, Synthetic. W. H. Moss. 1,920,100; July 25.
 Resin and making the same, Synthetic. E. E. Novotny and W. C. Wilson. 1,926,786; Sept. 12.
 Resin and making the same, Toluene sulphonamide aldehyde. W. H. Moss and B. B. White. 1,907,554; May 9.
 Resin and preparation, Flexible alkyd. R. H. Klenle and H. C. Rohlf. 1,897,260; Feb. 14.
 Resin and producing same, Synthetic. I. Rosenblum. 1,937,533; Dec. 5.
 Resin and varnish. N. Strafford. 1,928,739; Oct. 3.
 Resin composition and making same, Phenol-aldehyde-drying oil. C. S. Ferguson. 1,896,842; Feb. 7.
 Resin composition, Plastic phenolic. L. Sontag. 1,911,477; May 30.
 Resin esters, Producing. I. Rosenblum. 1,923,507; Aug. 22.
 Resin from glycerol and the like, Artificial. C. Ellis. 1,897,977; Feb. 14.
 Resin from phenols and aroybenzoic acids. H. A. Bruson. 1,934,032; Nov. 7.
 Resin from wood distillation products, Prepared. J. C. Carlin and C. A. Hochwalt. 1,911,489; May 30.
 Resin, Prepared. C. A. Thomas. 1,939,932; Dec. 19.
 Resin, Synthetic. M. M. Brubaker. 1,932,688; Oct. 31.
 Resin, Synthetic. A. M. Howald. 1,928,492; Sept. 26.
 Resin, Synthetic. P. Robinson. 1,925,935; Sept. 5.
 Resin, Vinyl. E. W. Reid. 1,935,577; Nov. 14.
 Resinous complexes or composite of the urea aldehyde condensation type and their solutions. B. N. Lougvoev. 1,922,690; Aug. 15.
 Resinous composition. L. V. Adams. 1,904,595; Apr. 18.
 Resinous composition. B. H. Klenle. 1,921,756; Aug. 8.
 Resinous composition and preparing the same. E. H. Jackson and H. J. Cameron. 1,919,163; July 18.
 Resinous compositions and making. L. V. Adams. 1,893,874; Jan. 10.
 Resinous compositions and preparing the same. R. H. Klenle. 1,898,840; Feb. 21.
 Resinous compositions, Preparing. P. F. Schlingman. 1,898,790; Feb. 21.

- Resinous compounds and processes, Aldehyde amino. R. W. Belfit. 1,898,709; Feb. 21.
- Resinous compounds and products therefrom, Producing. G. Egloff. 1,896,227; Feb. 7.
- Resinous condensation product. C. Ellis. 1,897,978; Feb. 14.
- Resinous condensation products and making them. R. H. Kienle. 1,893,873; Jan. 10.
- Resinous material from petroleum sludge. J. C. Bird. 1,917,869; July 11.
- Resinous materials, Making. A. M. Howald. 1,910,338; May 23.
- Resinous plastic bodies, Manufacture of. J. Baer. 1,907,380; May 2.
- Resinous product and making same. J. V. Meigs. 1,923,321; Aug. 22.
- Resinous product and making the same, Thermosetting. 1,902,461; Mar. 21.
- Resinous substance, Artificial. W. Baird. 1,916,295; July 4.
- Resins, and coating-compositions containing them, Making synthetic. C. G. Gauerke. 1,920,980; Aug. 8.
- Resins and making same, Infusible synthetic. P. Haller and H. Kappeler. 1,939,691; Dec. 19.
- Resins and making the same, Low temperature phenol-formaldehyde. O. Pantke. 1,909,786-7; May 16.
- Resins and product produced thereby, Purifying. E. H. French. 1,916,104; June 27.
- Resins and products thereof, Producing synthetic. L. Weisberg and W. F. Greenwald. 1,918,222; July 11.
- Resins and the manufacture thereof, Synthetic. A. Runyan. 1,938,642; Dec. 12.
- Resins containing an earth alkaline metal base, Making phenol-formaldehyde. C. Ellis. 1,903,809; Apr. 18.
- Resins derived from mixtures of olefine benzenes or naphthalenes and unsaturated ketones, Artificial. K. Meisenburg, W. Bock, and O. Bächle. 1,937,063; Nov. 28.
- Resins from agatho-copal, Preparing shellac-like. J. Scheiber. 1,938,468; Dec. 5.
- Resins from unsaturated hydrocarbons, Manufacture of synthetic. R. B. Day. 1,933,716; Nov. 7.
- Resins, Making synthetic. S. P. Burke and M. R. Bhagwat. 1,911,745; May 30.
- Resins, Manufacture of synthetic. R. B. Day. 1,933,715; Nov. 7.
- Resins, Manufacture of synthetic. H. W. Warren. 1,902,477; Mar. 21.
- Resins, Modifying vinyl. F. Robertson. 1,921,326; Aug. 8.
- Resins of the coumarone-indene type, Production of. J. M. Weiss. 1,894,934; Jan. 17.
- Resins primarily obtained from polyhydric alcohols, and polybasic acids, Manufacture of. W. Baird and E. E. Walker. 1,925,947; Sept. 5.
- Resins, Production of synthetic. S. Caplan. 1,907,497; May 9.
- Resins, Treating. D. W. Hoge. 1,902,073; Mar. 21.
- Resistance. J. S. P. Robertson. 1,940,102; Dec. 19.
- Resistance. M. W. Weischoff. 1,932,650; Oct. 31.
- Resistance. C. Zwicker. 1,931,974; Oct. 24.
- Resistance, Apparatus for testing. H. Pender. 1,897,330; Feb. 14.
- Resistance body. J. F. Scheid. 1,917,331; July 11.
- Resistance controller. E. W. Seeger. 1,916,534; July 4.
- Resistance device. F. H. Bullinger. 1,932,923; Oct. 31.
- Resistance device. R. A. Ogg. 1,929,446; Oct. 10.
- Resistance device. S. Ruben. 1,918,818; May 2.
- Resistance device, Adjustable. C. L. Weichelt. 1,917,675; July 11.
- Resistance device and insulator. C. O. Terwilliger. 1,938,674; Dec. 12.
- Resistance element. G. F. Benkelman. 1,929,396; Oct. 3.
- Resistance element. R. E. Graf. 1,913,272; June 6.
- Resistance element, Nonlinear variable. J. Kaul. 1,939,902; Dec. 19.
- Resistance in series with electrodes. H. A. Wintermute. 1,913,784; June 13.
- Resistance material. M. Steenbeck and R. G. Berthold. 1,922,221; Aug. 15.
- Resistance repeater, Two-way negative. G. Crisson. 1,900,045; Mar. 7.
- Resistance strip and making same. N. C. Schellenger. 1,903,142; Mar. 28.
- Resistance-testing apparatus, Automatic. A. C. Seletzky. 1,935,487; Nov. 14.
- Resistance unit. F. Freyman. 1,930,932; Oct. 17.
- Resistance unit. L. Kebler. 1,902,861; Mar. 28.
- Resistance unit. C. L. Lyon and C. A. Jagger. 1,904,487; Apr. 18.
- Resistance unit. O. U. Zerk. 1,899,251; Feb. 28.
- Resistor. G. B. Crouse. 1,931,981; Oct. 24.
- Resistor. L. L. Howard and A. H. Haroldson. 1,910,391; May 23.
- Resistor. A. N. Van Nostrand. 1,910,866; May 23.
- Resistor and making the same, Nonmetallic. J. A. Boyer and A. J. Thompson. 1,914,939; May 20.
- Resistor construction. H. L. Van Valkenburg and F. C. McNicol. 1,900,818; Mar. 7.
- Resistor element. V. G. Apple. 1,918,078; July 11.
- Resistor rod, Electrical. R. C. Benner and H. N. Baumann, jr. 1,918,317; July 18.
- Resistor unit and making the same. L. E. Power and L. Bradley. 1,927,185; Sept. 19.
- Resistor units, Manufacturing. R. P. Matern. 1,918,050; July 11.
- Resistors, Manufacturing. J. A. Flanzer. 1,906,848; May 2.
- Resistors, Preparation of. R. Hessen. 1,917,713; July 11.
- Resolving device. M. F. Keese. 1,935,638; Nov. 21.
- Resolving stitching machine. J. Ferrara. 1,924,737; Aug. 29.
- Resonance box. P. H. d'Amour. 1,931,885; Oct. 24.
- Resonance, Method and apparatus for eliminating the effect of cabinet. I. Wolff. 1,901,388; Mar. 14.
- Resonator, Piezo-electric. W. A. Marrison. 1,907,425; May 9.
- Resorcinol, Making. W. J. Cotton. 1,915,925; June 27.
- Respirable atmosphere under abnormal respiratory conditions, Apparatus for supplying. C. B. Momsen, C. L. Tibbals, and F. M. Hobson. 1,935,655; Nov. 21.
- Respiration apparatus. A. H. L. Christensen. 1,938,483; Dec. 5.
- Respiration baths, Process and apparatus for preparing. F. Nengering. 1,922,488; Aug. 15.
- Respirator. P. Drinker and L. A. Shaw. 1,906,453; May 2.
- Respirator, Artificial. P. Drinker and L. A. Shaw. 1,906,844; May 2.
- Respirator, Artificial. B. O. Johnson. 1,918,546; July 18.
- Rest for crank shaft lathes, Steady. W. F. Greene. 1,906,577; May 2.
- Rest for tiering trucks. E. R. Klepel. 1,912,847; June 6.
- Restaurant check holder. E. A. Haveles. 1,902,641; Mar. 21.
- Restraining device. E. A. Haga. 1,923,001; Aug. 15.
- Restraining device. C. H. Mickelsen and J. T. Evans. 1,933,482; Oct. 31.
- Resuscitator and the like. M. H. Goodner. 1,893,670; Jan. 10.
- Resynchronizing system for controllers. C. H. Bissell. 1,921,379; Oct. 3.
- Resynchronizing system for series of motors. C. H. Bissell. 1,929,378; Oct. 3.
- Retainer clip. A. J. Coburn. 1,907,506; May 9.
- Retaining and sustaining device. D. F. Beauchamp. 1,917,086; July 4.
- Retaining device. E. K. Bottle. 1,915,974; June 27.
- Retaining device. L. H. Heuer. 1,911,447; May 30.
- Retaining device. A. L. Mansfield. 1,925,671; Sept. 5.
- Retaining device. C. E. Peckham. 1,896,681; Feb. 7.
- Retaining means for concrete pouring forms. S. S. Colt. 1,937,109; Nov. 28.
- Retaining means for furnace wall blocks. E. G. Bailey and R. M. Hardgroove. 1,919,033; Dec. 19.
- Retaining means for rolling mill bearings. J. R. George. 1,923,782; Aug. 22.
- Retaining member for use with pneumatic valve stems. A. J. Hudson. 1,934,468; Nov. 7.
- Retarder for use in rubber vulcanization process. R. L. Sibley. 1,904,934; Apr. 18.
- Retarding device for machinery. S. E. T. Ewing and A. L. Egan. 1,903,035; Mar. 28.
- Retarding or pressure controlling device. A. Carter. 1,897,462; Feb. 14.
- Rethreading die. E. R. Koonz. 1,929,281; Oct. 3.
- Retinometer. E. P. Cook. 1,917,500; July 11.
- Retinoscope. R. P. Carpenter. 1,927,111; Sept. 19.
- Retort. L. C. Karrick. 1,938,596; Dec. 12.
- Retort. E. L. Schultz. 1,931,417; Oct. 17.
- Retort and coke extractor therefor, Vertical gas. E. West. 1,917,746; July 11.
- Retort, Char. J. F. Straitz. 1,917,339; July 11.
- Retort closure. S. A. Le Roy. 1,929,644; Oct. 10.
- Retort, Direct heated vertical. S. F. Hay. 1,895,284; Jan. 24.
- Retort, Distillation. G. Zotos. 1,897,877; Feb. 14.
- Retort for extracting products from solid carbonaceous materials. J. W. H. Ainscow. 1,927,003; Sept. 12.
- Retort for solid fuels, Distilling. R. H. Carr and C. B. Watson. 1,910,238; May 23.
- Retort, Oil burner. E. E. Dehart. 1,899,315; Feb. 28.
- Retractable landing gear. R. W. Ayer and C. R. Irvine. 1,925,080; Sept. 5.
- Retractable landing gear. R. J. Minshall. 1,919,524; July 25.
- Refractile device. B. Freile and A. C. Magrath. 1,913,440; June 13.
- Retreader, Full circle. A. W. Gay. 1,917,110; July 4.
- Return bend. R. O. Ayres, F. A. Kroll, and E. A. Johnson. 1,916,598; July 4.
- Return bend and forming the same. J. E. Trainer. 1,908,198; May 9.
- Return bend manufacture. H. Frank. 1,938,692; Dec. 12.
- Return ends, Manufacturing. G. J. Buchner. 1,933,241; Oct. 31.
- Retort for the distillation of coal. H. Stevens. 1,938,122; Dec. 5.
- Retort for the distillation of coal. H. Stevens. 1,938,125; Dec. 5.
- Reverberation time, Apparatus for measuring. F. L. Hopper. 1,907,112; May 2.
- Reverberatory furnace. C. R. Kuzell. 1,896,178; Feb. 7.
- Reverse brake. C. A. Maizon. 1,919,474; July 25.
- Reverse gear. A. T. Nabstedt. 1,917,775; July 18.
- Reverse gear. R. H. Weinert. 1,907,228; May 2.
- Reverse gear, Marine. G. A. Wood. 1,919,760; July 25.
- Reverse motion lock, Automatic safety. A. B. Small. 1,903,199; Mar. 28.
- Reverse movement, Preventing. S. C. Porter. 1,900,025; Mar. 7.

- Reversible attraction sign. C. W. Hatke. 1,905,563; Apr. 25.
- Reversible motor. W. J. Morrill. 1,913,208; June 6.
- Reversing device for threading taps. S. Edwards. 1,936,108; Nov. 21.
- Reversing mechanism. G. Morgan. 1,932,983; Oct. 31.
- Reversing mechanism. A. F. Moyer. 1,938,855; Dec. 12.
- Reversing mechanism. F. O. Snow, jr. 1,903,200; Mar. 28.
- Reversing mechanism for machine tools. C. T. Raule. 1,896,752; Feb. 7.
- Reversing mechanism for type impression machines. P. P. Bourquin. 1,914,631; June 20.
- Reversing valve gear. H. G. Mueller. 1,927,525; Sept. 19.
- Revetment and laying the same. G. M. Hoffman. 1,892,701; Jan. 3.
- Revoluble illuminated signal. B. S. and R. S. Finch. 1,895,543; Jan. 31.
- Revolver, Hydraulic spider. A. B. Bradley and M. Bolin. 1,939,383; Dec. 12.
- Revolver rifle. J. Bocco. 1,898,237; Feb. 21.
- Revolvers and pistols, Clamping attachment for. G. F. Walliser and J. E. Poole. 1,899,249; Feb. 28.
- Revolvers, Loading device for. J. E. Miano. 1,929,440; Oct. 10.
- Revolvers of the solid-frame swing-out cylinder type, Device for applying sub-calibre barrels to. A. Noel. 1,898,566; Feb. 21.
- Revolving cylinder pump. M. V. Anderson. 1,921,720; Aug. 8.
- Revolving heater, Gas fired. W. D. Bell. 1,895,564; Jan. 31.
- Revolving sign. F. M. Fugman. 1,928,449; Sept. 26.
- Rewinding mechanism for cinematographs. A. A. Monson and A. Shapiro. 1,912,153; May 30.
- Rewinding mechanism for clock springs. J. M. Andersen. 1,905,783; Apr. 25.
- Rhenium, Recovery of. F. H. Driggs. 1,911,943; May 30.
- Rheostat. G. E. Megow. 1,938,395; Dec. 5.
- Rheostat. N. C. Schellenger. 1,913,686; June 13.
- Rheostat. N. C. Schellenger. 1,920,217; Aug. 1.
- Rheostat, Lamp socket. C. L. Weichelt. 1,927,301; Sept. 19.
- Rhythm maintaining device for artificial respiration. F. Knapke. 1,918,041; July 11.
- Rib-piping, Manufacture of. L. Morseth. 1,909,704; May 16.
- Ribbed knitted fabric. J. A. Phillips. 1,910,932; May 23.
- Ribbon and making same, Ornamental. H. A. Evans. 1,900,900; Mar. 14.
- Ribbon feed and reverse, Power driven. C. A. Fuchs. 1,936,594; Nov. 28.
- Ribbon feeding mechanism, Reversible. G. A. Tompkins. 1,938,728; Dec. 12.
- Ribbon for printing presses, Inking. W. J. Keenan. 1,939,557; Dec. 12.
- Ribbon package. B. J. Goldsmith. 1,895,758; Jan. 31.
- Ribbon, Printing. G. R. Wood. 1,902,007; Mar. 21.
- Ribbon reel. B. J. Goldsmith. 1,906,055; Apr. 25.
- Ribbon vibrating and ribbon shifting mechanism. J. Ritz. 1,929,448; Oct. 10.
- Rice and like grain, Harvesting. W. M. Templeton. 1,938,264; Dec. 5.
- Ridge burster. W. H. Silver. 1,906,113; Apr. 25.
- Ridge cutter for disk harrows. H. G. Skowska. 1,894,474; Jan. 17.
- Ridge roll. F. Young. 1,910,312; May 23.
- Ridging implement on rotary tilling machines. P. R. Hasson and E. D. Ellis. 1,904,138; Apr. 18.
- Ridging implement on tilling machines. C. H. Fowler. 1,903,991; Apr. 18.
- Rifle grenade clinometer. E. E. Linsert. 1,940,808; Dec. 26.
- Rifle loading mechanism. R. F. Sedgley. 1,898,706; Jan. 3.
- Rifles, Front sight for. T. B. Crawley. 1,903,326; Apr. 4.
- Rifles, Repeating rubber band. P. Beauchamp and G. Beckam. 1,909,927; May 23.
- Rifling head, Self centering. G. W. McCune. 1,910,118; May 23.
- Rigging, Railway draft. J. F. O'Connor. 1,920,316; Aug. 1.
- Rigging tool. J. R. Carroll. 1,911,429; May 30.
- Rim. G. T. Balfe. 1,939,096; Dec. 12.
- Rim. W. S. Brink. 1,908,281; May 9.
- Rim. A. W. Woodward. 1,938,615; Dec. 12.
- Rim, Adjustable. H. J. Woock. 1,913,739; June 13.
- Rim and spoke attachment and making same. J. P. Tarbox. 1,937,799; Dec. 5.
- Rim, Collapsible. K. Schmidt. 1,919,171; July 18.
- Rim construction. L. W. Bryan. 1,936,823; Nov. 28.
- Rim end connecting device. J. H. Wagenhorst. 1,903,566; Apr. 11.
- Rim for draw works, Water cooled brake. J. D. Spalding. 1,918,501; July 18.
- Rim for pneumatic tires, Demountable. A. Mayenzet. 1,897,136; Feb. 14.
- Rim for tires. H. B. Townsley. 1,921,331; Aug. 8.
- Rim for wire wheels, Demountable. C. H. Resch. 1,894,672; Jan. 17.
- Rim lock. A. W. Woodward and J. G. Swain. 1,918,511; July 18.
- Rim members, Apparatus for forming. H. A. Palmer. 1,926,400; Sept. 12.
- Rim or hoop for containers, Top. M. Brandon. 1,935,074; Nov. 14.
- Rim sections, Manufacture of. A. W. Woodward. 1,934,650; Nov. 7.
- Rim upon a wheel, Apparatus for mounting a. F. S. Riggs. 1,923,747; Aug. 22.
- Rim, Water cooled brake. A. E. Rice. 1,918,500; July 18.
- Rims, Making. C. Sauzedde. 1,912,594; June 6.
- Ring. See—
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| Antislip ring. | Finger ring. |
| Bead positioning ring. | Packing ring. |
| Binder ring. | Piston ring. |
| Bridle ring. | Pressure ring. |
| Cigarette holding ring. | Rocker ring. |
| Cigarette ring. | Sealing ring. |
| Commutator clamping ring. | Spinning ring. |
| Compression ring. | Wedding ring. |
| Connection ring. | |
- Ring. G. E. and P. B. Ball. Des. 89,031; Jan. 17.
- Ring. E. J. Schnarr. 1,892,737-8; Jan. 3.
- Ring balance. P. Rheinländer. 1,920,594; Aug. 1.
- Ring binder. H. T. Adams and N. D. Nachtrieb. 1,932,874; Oct. 31.
- Ring contractor. J. Mazer. 1,898,586; Feb. 21.
- Ring cup for fictile pipes. G. R. Payne. 1,920,589; Aug. 1.
- Ring for attaching articles to clothing. I. G. Lippstadt. 1,922,594; Aug. 15.
- Ring for marking birds and animals. H. M. King. 1,937,153; Nov. 28.
- Ring for pipe couplings, Seating. P. Lofgren. 1,905,115; Apr. 25.
- Ring for pistons of engines, pumps, and the like. A. Cross and W. F. Brown. 1,930,419; Oct. 10.
- Ring for scale pans, Suspension. L. W. Reis. 1,902,581; Mar. 21.
- Ring for signaling devices of vehicles, Controlling. H. Arnold and L. Holm. 1,909,143; May 16.
- Ring for spinning and doubling frames. C. Hofmann. 1,918,644; July 18.
- Ring forming machine. G. F. Hauf. 1,915,312; June 27.
- Ring forming machine. C. L. Wiles. 1,898,072; Feb. 21.
- Ring fracturing machine. P. Mitchell. 1,928,458; Sept. 26.
- Ring holder. C. E. Harding. 1,920,386; Aug. 1.
- Ring manufacture, Massive. H. M. Naugle and A. J. Townsend. 1,908,169; May 9.
- Ring mounting. W. L. Bridler. 1,929,236; Oct. 3.
- Ring or similar article, Finger. B. Gross. Des. 90,157; June 20.
- Ring or similar article, Finger. M. Kronstadt. Des. 90,034; May 30.
- Ring or the like, Finger. H. W. Peters. 1,904,074; Apr. 18.
- Ring re-sawing machine. J. H. Hoern. 1,925,384; Sept. 5.
- Ring spinning and analogous machine. W. Prince-Smith and D. Waterhouse. 1,911,328; May 30.
- Ring spinning and twisting machine. A. Sailer. 1,913,616; June 13.
- Ring spinning device for spinning continuously-fed textile fibres. H. F. Niogret. 1,898,206; Feb. 21.
- Ring spinning machines, Apparatus for controlling. A. Triou. 1,934,999; Nov. 14.
- Ring splitting machines, Drive roll for. F. Deutsch. 1,908,695; May 16.
- Rings, Making finger. S. A. Pilblad. 1,918,487; July 18.
- Rings, Making packing. C. C. Hall. 1,907,537; May 9.
- Rings or links, Forming and soldering the ends of split. E. G. Bek. 1,938,243; Dec. 5.
- Rings, Producing wear. W. G. Wilson. 1,909,480; May 16.
- Ringleter. J. Korney. Des. 90,892; Oct. 17.
- Ripper tooth. M. M. Brodersen. 1,927,818; Sept. 26.
- Ripping closure and the like. M. Winterhalter. 1,933,290; Oct. 31.
- Rising and falling table. L. R. Tufts and A. Olson. 1,925,290; Sept. 5.
- Rivet. E. P. Gray. 1,940,413; Dec. 19.
- Rivet drilling machine. B. J. Conlin. 1,902,762; Mar. 21.
- Rivet feeding machine. J. W. Hughes. 1,923,377; Aug. 22.
- Rivet machine, Tubular. C. E. Lyman. 1,900,572; Mar. 7.
- Rivet spinning machine. P. X. Noel. 1,935,983; Nov. 21.
- Riveter. J. C. Hanna. 1,907,538; May 9.
- Riveter, Roller bearing wedge. J. C. Hanna. 1,933,731; Nov. 7.
- Riveter, Roller wedge. A. A. Norlin. 1,905,047; Apr. 25.
- Riveting apparatus. A. Ilava. 1,906,595; May 2.
- Riveting device. H. Junkers. 1,895,668; Jan. 31.
- Riveting machine. M. B. Harvey. 1,929,245; Oct. 3.
- Riveting machine. A. Ilava. 1,895,883; Jan. 31.
- Riveting machine. A. U. Kerns. 1,914,374; June 20.
- Riveting machine. A. U. Kerns. 1,940,421; Dec. 19.
- Riveting machine. E. F. Meyer. 1,927,096; Sept. 19.
- Riveting machine. C. W. Sinclair. 1,932,806; Oct. 31.
- Riveting machine. S. F. Tapman. 1,898,468; Feb. 21.
- Riveting machine, Equalizing. F. O'Brien. 1,937,908; Dec. 5.
- Riveting mechanism. W. Poeschel. 1,914,979; June 20.
- Riveting or setting die, Shouldered stud bolt. H. W. Kulp and M. C. Dellinger. 1,916,623; July 4.
- Rivets, Forming terminal. C. G. Olson. 1,912,633; June 6.

- Road building apparatus. A. F. Reidland. 1,936,209; Nov. 21.
- Road building machine and method. J. N. Heltzel. 1,895,991; Jan. 31.
- Road chair. H. W. Nester. 1,930,957; Oct. 17.
- Road finishing machine. W. S. Edge. 1,939,341; Dec. 12.
- Road grader. G. E. Dean. 1,906,549; May 2.
- Road grader. C. J. Moritz. 1,905,420; Apr. 25.
- Road grader and scarifier. F. E. Arndt. 1,918,169; July 11.
- Road grading and ditching machine. S. H. Burnstad. 1,897,235; Feb. 14.
- Road grading apparatus. H. H. Samuel. 1,924,572; Aug. 29.
- Road grading apparatus. Soil shaping side attachment for. R. T. Mowbray. 1,910,120; May 23.
- Road grading machine. T. D. Workman. 1,896,931; Feb. 7.
- Road grading machine. M. D. York and P. J. Newton. 1,915,844; June 27.
- Road guard. H. T. Moore. Re18,848; May 30.
- Road guard mounting. R. B. Boyle. 1,922,878; Aug. 15.
- Road joint and making same. W. S. Edge. 1,926,516; Sept. 12.
- Road machine. D. E. Dillow. 1,928,852; Oct. 3.
- Road machine. A. Huet. 1,912,897; June 6.
- Road machine. J. B. Jarmin. 1,916,222; July 4.
- Road machine. H. E. Price. 1,932,601; Oct. 31.
- Road machines, Frame construction for. F. D. Wilson. 1,918,881; July 18.
- Road maintainer. C. B. Dempster and H. M. Loeber. 1,934,488; Nov. 7.
- Road maintainer, Tractor drawn. J. R. Royer. 1,897,677; Feb. 14.
- Road maintenance machine. R. L. Ward. 1,921,712; Aug. 8.
- Road marker. G. R. Hanks. 1,918,099; July 11.
- Road material spreader. C. G. Porterfield. 1,913,897; June 13.
- Road reenforcement and joint. J. N. Heltzel. 1,921,081; Aug. 8.
- Road tipper. P. A. Wickes. 1,931,783; Oct. 24.
- Road roller and trailer. W. H. McCombs. 1,939,909; Dec. 19.
- Road roller, Worm drive. F. S. Davis and H. D. Woodler. 1,926,667; Sept. 12.
- Road sign, Portable. H. G. Senseney, jr. 1,903,482; Apr. 11.
- Road strip and support. W. E. White. 1,905,023; Apr. 25.
- Road stripping machine. J. H. Ball. 1,928,551; Sept. 26.
- Road surfacing. E. C. Wallace. 1,918,155; July 11.
- Road treating apparatus. H. A. Ingalls. 1,938,023; Dec. 5.
- Road treating machines, Attachment for. D. W. McLaughlin. 1,921,688; Aug. 8.
- Roads, Surfacing. J. N. Heltzel. 1,921,185; Aug. 8.
- Roads, yards, aerodromes, and like surfaces and means therefor, Manufacture of. J. Hines. 1,921,822; Aug. 8.
- Roadway ripper. R. C. Sherman. 1,937,719; Dec. 5.
- Roaster. F. Ellinger. 1,929,682; Oct. 10.
- Roaster, Electric smokeless. J. J. Bonaccorsi. 1,896,537; Feb. 7.
- Roaster, grinder, and urn, Combined coffee. G. Farago. 1,896,230; Feb. 7.
- Roasting furnace. W. J. and H. G. Cummings. 1,912,973; June 6.
- Robe construction. G. and L. C. Saffr. 1,905,685; Apr. 25.
- Robe, Infant's. J. Astrove. 1,919,154; July 18.
- Robe or blanket, Automobile. L. C. Bush. 1,901,223; Mar. 14.
- Rock and other hard minerals, Breaking. E. Lafayette. 1,896,960; Feb. 7.
- Rock, Apparatus for loading broken. A. Mendelsohn. 1,902,457; Mar. 21.
- Rock bit cone wrench. F. M. Owen. 1,907,658; May 9.
- Rock bit cutter. F. L. Scott. 1,932,489; Oct. 31.
- Rock-boring machine. L. Hammer. 1,920,904; Aug. 1.
- Rock crusher and separator. G. A. Reynolds. 1,902,721; Mar. 21.
- Rock drill. R. A. Bedford. 1,941,289; Dec. 26.
- Rock drill. A. E. Devo. 1,913,267; June 6.
- Rock drill. G. H. Fuehrer. 1,919,717; July 25.
- Rock drill. L. W. Greve. 1,894,398; Jan. 17.
- Rock drill. L. W. Greve. 1,898,772; Feb. 21.
- Rock drill. H. Mecon. 1,897,267; Feb. 14.
- Rock drill. W. H. Mosher. 1,898,639; Feb. 21.
- Rock drill. R. A. Murdock and J. S. McKenna. 1,893,033; Jan. 3.
- Rock drill. J. E. Renfer. 1,923,796; Aug. 22.
- Rock drill. L. L. Richardson. 1,922,329; Aug. 15.
- Rock drill. K. Strobel. 1,922,559; Aug. 15.
- Rock drill. H. Tardiff. 1,929,457; Oct. 10.
- Rock drill. E. F. Terry. 1,918,065; July 11.
- Rock drill. A. S. Uhler and W. A. Smith, sr. 1,911,978; May 30.
- Rock drill. E. J. Warren. 1,932,259; Oct. 24.
- Rock drill blowing device. J. C. Curtis. 1,940,846; Dec. 26.
- Rock drilling apparatus. E. G. Gartin. 1,929,420; Oct. 10.
- Rock drilling device. E. G. Gartin. 1,929,419; Oct. 10.
- Rock drilling mechanism. W. A. Smith, sr., and W. A. Smith, jr. 1,917,335; July 11.
- Rock, Leaching phosphate. M. Larsson. 1,916,431; July 4.
- Rock trap. F. E. Deems. 1,917,954; July 11.
- Rock, Treatment of phosphate. J. T. Bullwinkel. 1,901,222; Mar. 14.
- Rock with nitric acid and ammonium sulphate, Leaching phosphate. B. Wadsted. 1,936,316; Nov. 21.
- Rock wool and composition for producing the same. E. R. Powell. 1,907,868; May 9.
- Rocket arm mechanism. N. E. Woolman. 1,937,932; Dec. 5.
- Rocker, Progressive. H. H. Martin. 1,907,848; May 9.
- Rocker ring. P. Bollinger and H. F. Hartman. 1,934,521; Nov. 7.
- Rocket. H. Stofa and R. Zwerina. 1,901,852; Mar. 14.
- Rocket, Flying. R. Tiling. 1,903,303; Apr. 4.
- Rocking device. H. N. Hulander and C. F. W. Forssberg. 1,911,572; May 30.
- Rod: See—
- Charging rod. Permanent waving rod.
- Connecting rod. Piston and connecting rod.
- Curtain rod. Sucker rod.
- Fishing rod. Tie rod.
- Flush valve rod. Trench roller.
- Hair waving or curling rod. Weld rod.
- Hanger rod. Welding rod.
- Rod. C. H. Wimberley. 1,901,789; Mar. 14.
- Rod and axle construction, Radius. F. M. Reid. 1,903,136; Mar. 28.
- Rod and making the same, Multicolored glass. C. A. Best. 1,908,306; May 9.
- Rod assembly, Connecting. D. R. Pobjoy. 1,908,787; May 16.
- Rod bundles, Apparatus for transferring. J. G. Mathieson. 1,911,912; May 30.
- Rod Connector. A. E. Wright. 1,922,564; Aug. 15.
- Rod, Coupling. G. B. Coe. 1,901,286; Mar. 14.
- Rod coupling. S. F. Williams. 1,918,306; July 15.
- Rod coupling, Sectional. M. Kaiben. 1,901,168; Mar. 14.
- Rod feeding apparatus, Automatic. G. B. Leggett, A. C. Lusher, and N. A. Cornell. 1,926,205; Sept. 12.
- Rod grab for heaping material. P. Neftendorf, Gen. Gaertner. 1,914,613; June 20.
- Rod holder, Reinforcing. D. Lozele. 1,893,998; Jan. 10.
- Rod joint. C. A. Boyd. 1,899,846; Feb. 28.
- Rod joint. K. E. Porter. 1,910,563; May 23.
- Rod joint and making the same, Sucker. R. H. Manson. 1,930,346; Oct. 10.
- Rod mill. C. H. MacDonald. 1,905,417; Apr. 25.
- Rod reducing apparatus. C. F. Mead. 1,929,987; Oct. 10.
- Rod shifter. B. N. Bletso. 1,915,714; June 27.
- Rod threader, Curtain. I. Garnetz. 1,906,747; May 2.
- Rod tip or curtain protector, Curtain. J. N. Rasp. 1,902,182; Mar. 21.
- Rod weeder. F. T. Court. 1,938,953; Dec. 12.
- Rod weeder shoe. C. W. Robinson. 1,902,897; Mar. 28.
- Rod wiping mechanism. F. D. Durham. 1,900,437; Mar. 7.
- Rodless pump. G. S. Knox. 1,909,493; May 16.
- Rodless pump. J. M. Shimer. 1,922,264; Aug. 15.
- Rods and the like, Tapering metallic. T. Varney. 1,907,907; May 9.
- Rods and tubes, Apparatus for sorting. C. A. Brown and F. B. Van Sickle. 1,905,791; Apr. 25.
- Rods and tubes made of glass or other melted material, Manufacture of solid. E. Le Coultre. 1,926,905; Sept. 12.
- Rods and wire, Treating. J. S. Phifer. 1,933,533; Oct. 31.
- Rods, Making connecting. W. H. Manning. 1,905,925; Apr. 25.
- Rods, Producing wire. W. Herman and W. H. Sommer. 1,901,514; Mar. 14.
- Roll. C. Berlow. 1,939,948; Dec. 19.
- Roll, Abrading and scouring. E. Hope. 1,917,303; July 11.
- Roll, Accelerating feed. J. N. Reynolds and C. J. Scranton, jr. 1,902,292; Mar. 21.
- Roll and bun splitter. S. P. Larson. 1,903,238; Mar. 28.
- Roll balance for backed-up rolling mill, Working. H. E. Ewart. 1,898,007; Feb. 21.
- Roll breaking and cotton cleaning machine. J. E. Mitchell. 1,932,472; Oct. 31.
- Roll, Built-up. R. E. Beynon. 1,938,995; Dec. 12.
- Roll capacitor. B. J. Butler. 1,938,806; Dec. 12.
- Roll cleaner, Fountain. H. A. W. Wood. 1,900,266; Mar. 7.
- Roll Clearer, Top. E. L. Martin. 1,933,504; Oct. 31.
- Roll dressing apparatus. J. A. George. 1,937,953; Dec. 5.
- Roll drive. E. Fitzgerald and R. M. Gleason. 1,923,360; Aug. 22.
- Roll feeder. J. H. Morrow. 1,900,458; Mar. 7.
- Roll-film case. K. A. Traenkle. 1,936,923; Nov. 28.
- Roll for making rolled products and producing it. J. R. Adams. 1,932,168; Oct. 24.
- Roll for molten glass and cooling the same. H. K. Hitchcock. 1,900,556; Mar. 7.
- Roll for paper machines, Wire faced. C. L. Ellis. 1,911,310; May 30.
- Roll for transferring dyes or the like. W. H. Heffernan. 1,927,439; Sept. 19.
- Roll for use in strip and sheet mills. C. F. Knight. 1,902,034; Mar. 21.
- Roll glue spreader. H. G. Francis. 1,922,675; Aug. 15.
- Roll grinding or similar machine. C. F. Schnuck. 1,937,985; Dec. 5.
- Roll handling device. F. von der Horst. 1,901,482; Mar. 14.

- Roll holder, Toilet. L. A. M. and W. A. McGeoch. 1,897,266; Feb. 14.
- Roll of corrugated paper and making the same, Duplex. B. Rous. 1,902,312; Mar. 21.
- Roll-over machine. E. F. Oyster. 1,922,744; Aug. 15.
- Roll paper holder. H. Bowles and J. W. McClintock. 1,924,088; Aug. 29.
- Roll supporting device, Web. F. E. and W. C. Pfeiffer. 1,897,675; Feb. 14.
- Rolled bodies from powdery materials, Method and apparatus for producing. C. A. Brackelsberg. 1,921,114; Aug. 8.
- Rolled stock, Mechanism for handling. K. Feller. 1,929,487; Oct. 10.
- Roller: See—
- Bearing roller. Printers' roller.
- Caster roller. Printing press roller.
- Cigarette roller. Printing roller.
- Felt rubber roller. Pulverizing roller.
- Hair roller. Road roller.
- Lawn roller. Shade roller.
- Linoleum roller. Spring roller.
- Matrix roller. Stencil ink roller.
- Picker roller. Toy hoop roller.
- Roller. J. Alfthan and C. A. Lofhjelm. 1,915,043; June 20.
- Roller. R. G. Le Tourneau. 1,931,766; Oct. 24.
- Roller. R. R. Ware. 1,922,609; Aug. 15.
- Roller and key for printing presses. F. Ossing. 1,922,495; Aug. 15.
- Roller bearing. H. Becker. 1,930,190; Oct. 10.
- Roller bearing. G. W. Curtis. 1,909,525; May 16.
- Roller bearing. C. I. Lott. 1,917,452; July 11.
- Roller bearing. S. T. Moreland. 1,913,769; June 13.
- Roller bearing. F. Tyson. 1,912,023; May 30.
- Roller bearing. W. E. Umstadt. 1,937,733; Dec. 5.
- Roller bearing. A. W. W. Van Hoorn and J. S. Tatnall. 1,907,905; May 9.
- Roller bearing. S. G. Wingquist. 1,915,585; June 27.
- Roller bearing, Self-aligning. W. L. Scribner. 1,910,184; May 23.
- Roller bearing separator. W. E. Horrocks. 1,941,209; Dec. 26.
- Roller bit. G. E. Behnke. 1,940,839; Dec. 26.
- Roller bit. W. L. Childs. 1,921,216; Aug. 8.
- Roller bit. W. L. Childs. 1,933,892; Nov. 7.
- Roller bit. R. Giese. 1,919,505; July 25.
- Roller bit. R. G. Hamaker and R. Giese. 1,915,527; June 27.
- Roller bit. T. H. Stancliff. 1,920,164; July 25.
- Roller clutch. M. H. Ballard. 1,927,060; Sept. 19.
- Roller clutch. O. E. Fishburn. 1,931,316-17; Oct. 17.
- Roller construction, Curtain. H. D. Sevison. 1,900,259; Mar. 7.
- Roller coupling. O. A. Banner. 1,936,574; Nov. 28.
- Roller cutter retaining device. L. H. Wellensiek and F. C. Smith, Jr. 1,905,079; Apr. 25.
- Roller device for facial treatment, Heated. G. Marchand. 1,911,027; May 23.
- Roller drier for cylindrical bodies and handling such bodies therein. J. P. Keller. 1,916,840; July 4.
- Roller employed in yarn-preparing and spinning frames, Drafting and like. H. Mevnell. 1,897,137; Feb. 14.
- Roller for cable guides, Friction. W. V. Cornish. 1,907,345; May 2.
- Roller for crushing clods. A. Nordström. 1,916,330; July 4.
- Roller for drawing flat sheet glass. J. Gaskell. 1,930,999; Oct. 17.
- Roller for printing machines, Ink. A. J. Horton. 1,938,591; Dec. 12.
- Roller for revolving drums and the like, Supporting. R. Bernhard. 1,911,171; May 23.
- Roller for shades and the like. C. W. Rice. 1,898,686; Feb. 21.
- Roller mill. J. Mezger. 1,894,569; Jan. 17.
- Roller mounting, Adjustable shade. R. Saa. 1,901,535; Mar. 14.
- Roller, particularly for use in textile machinery. H. McGhee. 1,904,498; Apr. 18.
- Roller raceway for braiding machine bobbin carriers. F. Autem. 1,931,051; Oct. 17.
- Roller screen. C. Traut. 1,934,103; Nov. 7.
- Roller side bearing. H. F. Wardwell and W. C. Bladin. 1,924,669; Aug. 29.
- Roller support for sound record films. F. H. Owens. 1,936,205; Nov. 21.
- Roller supporting bracket. W. J. Stuber. 1,928,550; Sept. 26.
- Roller trunnion and making the same. W. J. Stuber. 1,928,549; Sept. 26.
- Rollers, Producing metal. B. Witting. 1,934,901; Nov. 14.
- Rolling attachment for motor vehicles. J. E. Lawrence. 1,935,950; Nov. 21.
- Rolling drill cutter. F. L. Scott. 1,905,066; Apr. 25.
- Rolling in a magnetic field. O. M. Otte. 1,909,887; May 16.
- Rolling machines and the like, Connection with continuous. L. Henderson. 1,921,357; Aug. 8.
- Rolling mill. G. Asbeck. 1,899,659; Feb. 28.
- Rolling mill. F. C. Biggert, Jr., and L. Johnson. 1,905,129; Apr. 25.
- Rolling mill. T. V. Buckwalter. 1,910,148; May 23.
- Rolling mill. H. Burns. 1,913,361; June 13.
- Rolling mill. J. R. Coe. 1,895,607; Jan. 31.
- Rolling mill. J. R. Coe. 1,919,202; July 25.
- Rolling mill. W. C. Corryell. 1,892,933; Jan. 3.
- Rolling mill. C. L. Eksergian. 1,914,412; June 20.
- Rolling mill. G. L. Fisk. 1,910,889; May 23.
- Rolling mill. P. H. Frank. 1,910,158; May 23.
- Rolling mill. L. Iversen. 1,936,672; Nov. 28.
- Rolling mill. R. M. Keeney and J. D. Ferm. 1,918,968; July 18.
- Rolling mill. A. Kuhns. 1,893,290; Jan. 3.
- Rolling mill. P. G. Palmgren. 1,908,268-9; May 9.
- Rolling mill. N. C. Rendelman. 1,932,750; Oct. 31.
- Rolling mill. H. Schimmel. 1,939,524; Dec. 12.
- Rolling mill. J. Zagorski. 1,900,630; Mar. 7.
- Rolling mill, Pilgering. F. Kocks. 1,917,448; July 11.
- Rolling mill, Reversing. J. Baugneé. 1,930,410; Oct. 10.
- Rolling process. H. Weigel. 1,894,288; Jan. 17.
- Rolling process and mill therefor. R. Farmer. 1,936,592; Nov. 28.
- Rolling stock. R. T. Glascode. 1,903,859; Apr. 18.
- Rolling turner. J. H. Richardson. 1,906,100; Apr. 25.
- Rolls, Apparatus for balancing. L. Iversen. 1,935,091; Nov. 14.
- Rolls, Apparatus for making printing. A. C. Girdwoyn. 1,906,572; May 2.
- Rolls, Device for shaping and truing grinding. H. Lindner. 1,905,390; Apr. 25.
- Rolls for rolling mills and the like, Apparatus for machining. H. Schimmel. 1,904,802; Apr. 18.
- Rolls for rolling mills and the like, Apparatus for machining. H. Schimmel. 1,910,308; May 23.
- Rolls for rolling mills and the like, Apparatus for machining. H. Schimmel. 1,918,138; July 11.
- Rolls for rolling mills, Apparatus for machining. H. Schimmel. 1,909,225; May 16.
- Rolls for rolling mills, Method and apparatus for machining. H. Schimmel. 1,918,139; July 11.
- Rolls for rolling mills, Method of and apparatus for machining. H. Schimmel. 1,909,226; May 16.
- Rolls, Making tight. P. D. Parsons. 1,894,281; Jan. 17.
- Rolls of roller mills, Device for cleaning the. J. Gwillim. 1,906,792; May 2.
- Rolls, such as Pilger rolls and the like, Method and apparatus for machining. H. Tschochner. 1,894,899; Jan. 17.
- Röntgenological reproduction. H. F. Kurtz. 1,904,867; Apr. 18.
- Roof. J. H. Griffin. 1,930,427; Oct. 10.
- Roof anchoring means. H. C. Reyes. 1,896,422; Feb. 7.
- Roof and cover, particularly adapted for motor cars and the like. A. H. Brinvilliers. 1,917,695; July 11.
- Roof and floor construction. T. Gentz. 1,908,663; May 9.
- Roof and floor construction. F. A. Manske, E. W. Odenwaldt, and O. E. Gibson. 1,900,721; Mar. 7.
- Roof and floor structure. W. D. Jarvis. 1,900,346; Mar. 7.
- Roof and sealing means therefor, Floating. G. T. Horton. 1,901,874; Mar. 21.
- Roof and sealing means therefor, Floating. G. T. Horton. 1,931,546; Oct. 24.
- Roof and similar structure, Ventilated. C. R. Eckert. 1,931,066; Oct. 17.
- Roof and tank, Floating. W. Garske. 1,932,403; Oct. 31.
- Roof, Arched. J. Broda. 1,899,924; Mar. 7.
- Roof, Car. C. D. Bonsall. 1,906,524; May 2.
- Roof, Car. C. D. Bonsall. 1,915,773; June 27.
- Roof, Car. C. D. Bonsall. 1,921,803-4; Aug. 8.
- Roof, Car. C. D. Bonsall. 1,928,615; Oct. 3.
- Roof, Car. C. D. Bonsall. 1,937,308-9; Nov. 28.
- Roof, Car. E. G. Franck. 1,932,775; Oct. 31.
- Roof, Car. G. G. Gilpin. 1,935,772; Nov. 21.
- Roof, Car. D. W. Hawksworth and S. J. Stone. 1,893,549; Jan. 10.
- Roof, Car. D. W. Hawksworth and A. R. Wilson. 1,926,742; Sept. 12.
- Roof construction. T. S. Bradley. 1,928,751; Oct. 3.
- Roof construction. F. H. Steck. 1,937,852; Dec. 5.
- Roof construction for demountable buildings. C. F. and D. E. McAvoy. 1,925,769; Sept. 5.
- Roof construction for vehicles, Double. C. Brown. 1,941,162; Dec. 26.
- Roof deck. A. L. Doering. 1,903,543; Apr. 11.
- Roof flashing. L. Vallas. 1,905,017; Apr. 25.
- Roof flashing. E. Weil. 1,924,008; Aug. 22.
- Roof flashing. E. Weil. 1,924,009; Aug. 22.
- Roof, Floating. H. C. Boardman. 1,932,394; Oct. 31.
- Roof, Floating. D. E. Larson. 1,931,551; Oct. 24.
- Roof for cars. E. F. Tucke. 1,917,167; July 4.
- Roof for tanks, Floatable. C. H. Haupt and A. J. Ely. 1,919,634; July 25.
- Roof for tanks, Floating. G. V. Hackett. 1,921,877; Aug. 8.
- Roof, Metal car. C. E. Gibbs and A. B. Lawson. 1,896,891; Feb. 7.
- Roof, Metal sheathed. W. T. Deacon. 1,908,127; May 9.
- Roof, Sheet metal. R. A. Workman. 1,914,876; June 20.
- Roof structure. J. H. Keefe. 1,938,024; Dec. 5.
- Roof structure. E. M. Olson. 1,897,327; Feb. 14.
- Roof support, Greenhouse. P. L. McKee. 1,932,554; Oct. 31.
- Roof, Tank. A. M. Meyers. 1,928,905; Oct. 3.
- Roof's gauge. W. E. Pack. 1,900,196; Mar. 7.
- Roofing. A. C. Fischer. 1,928,285; Sept. 26.
- Roofing. H. G. Goslin. 1,934,666; Nov. 7.
- Roofing. H. L. Guy. 1,919,148; July 18.

- Roofing. N. P. Harshberger. Des. 89,115; June 13.
 Roofing. D. B. Humphrey. Des. 89,639; Apr. 18.
 Roofing. L. F. Long. 1,902,872; Mar. 28.
 Roofing. E. C. Otis. 1,900,597; Mar. 7.
 Roofing. A. S. Speer. 1,915,905; Jan. 27.
 Roofing. R. S. Streeter and O. E. Hendrick. Des. 89,471; Mar. 14.
 Roofing and building material. H. C. Avery and L. Kirschbraun. 1,902,298; Mar. 21.
 Roofing and making same. L. Kirschbraun. 1,900,940; Mar. 14.
 Roofing and manufacturing same. R. W. Cutler. 1,924,181; Aug. 29.
 Roofing and siding material. M. L. Hamlin. 1,913,836; June 13.
 Roofing. Apparatus for surfacing. J. L. Wettlaufer. 1,928,275; Sept. 26.
 Roofing element. A. C. Fischer. 1,936,327; Nov. 21.
 Roofing elements and applying surfacing materials thereto. T. Robinson. 1,925,282; Sept. 5.
 Roofing. Glass. A. Shuman. 1,919,174; July 18.
 Roofing granules. Apparatus for coloring and drying. P. S. Denning. 1,931,754; Oct. 24.
 Roofing manufacture. E. T. Doyon. 1,900,598; Mar. 7.
 Roofing. Manufacturing. J. L. Wettlaufer. 1,928,274; Sept. 26.
 Roofing mastic. A. C. Fischer. 1,905,376; Apr. 25.
 Roofing material. D. Finley. 1,920,931; Aug. 1.
 Roofing material. N. P. Harshberger. 1,900,861; Mar. 7.
 Roofing material. Strip of. N. P. Harshberger. 1,898,990; Feb. 21.
 Roofing member with marginal ridges. A. C. Fischer. 1,911,141; May 23.
 Roofing. Method of and apparatus for making. L. Kirschbraun. 1,912,986; June 6.
 Roofing or siding strip. Composition. R. J. Tobin. Des. 88,995; Jan. 10.
 Roofing package. Roll. J. H. Plunkett. 1,901,356; Mar. 14.
 Roofing, partitions, and the like. Construction of. H. L. Plummer and D. L. Irwin. 1,904,080; Apr. 18.
 Roofing product. R. B. Levis. Re18,919; Aug. 22.
 Roofing sheet. A. J. Krantz. 1,912,486; June 6.
 Roofing stock. Making. F. C. Overbury. 1,897,139; Feb. 14.
 Roofings, partitions, and the like. Construction of. H. L. Plummer and D. L. Irwin. 1,938,496; Dec. 5.
 Room. Fruit coloring. B. C. Skinner. 1,927,100; Sept. 19.
 Room heater. Instantaneous. R. Burkle. 1,911,747; May 30.
 Room. Sunbath and outdoor sleeping. C. H. Cross. 1,910,463; May 23.
 Roost. Poultry. P. S. Martin. 1,912,085; May 30.
 Roost-preventer for poultry fountains or feeders. D. H. Hill. 1,917,371; July 11.
 Root cutter. W. E. Penrose. 1,897,859; Feb. 14.
 Root digger. Johnson grass. R. E. Monroe. 1,909,211; May 16.
 Root grubber. Asparagus. F. F. Paris. 1,907,332; May 2.
 Root pruning and tree digging. Apparatus for. W. A. and G. S. Cole. 1,938,952; Dec. 12.
 Rope. H. G. Metcalf. Re19,019; Dec. 12.
 Rope. W. L. Rochester. 1,930,661; Oct. 17.
 Rope and cable making machine. T. Wood and G. H. Houtton. 1,911,782; May 30.
 Rope attachment and making the same. R. D. Green and A. J. Morgan. 1,908,838; May 16.
 Rope clamp. E. E. Erickson. 1,921,286; Aug. 8.
 Rope clamp. A. B. Krause. 1,913,032; June 6.
 Rope clamp. S. C. Swisher. 1,903,148; Mar. 28.
 Rope holder. J. J. Olsen. 1,895,395; Jan. 24.
 Rope making machine. W. E. Craig. 1,907,744; May 9.
 Rope making machine. T. Newton. 1,907,118; May 2.
 Rope making machine and method. Wire. A. J. Morgan and W. E. Craig. 1,907,651; May 9.
 Rope protector and guide. N. Nelson. 1,933,751; Nov. 7.
 Rope sling. H. Anderson. 1,931,808; Oct. 24.
 Ropes and making the same. Attachment for wire. R. D. Green and A. J. Morgan. 1,908,600; May 9.
 Ropes. Attachment for wire. R. D. Green and A. J. Morgan. 1,909,344; May 16.
 Ropes. Finishing the ends and fixing. G. Zapf. 1,894,389; Jan. 17.
 Ropes. Reducing the extension in wire. G. Zapf. 1,906,782; May 2.
 Rosary. Traveler's. J. A. Tammany. 1,938,727; Dec. 12.
 Rose. V. Berger. Pl. Pt. 78; Oct. 3.
 Rose. L. Burbank. Pl. Pt. 65; May 16.
 Rose. L. Burbank. Pl. Pt. 66; May 16.
 Rose. M. Dénoyol. Pl. Pt. 62; May 2.
 Rose. R. Diener. Pl. Pt. 70; July 18.
 Rose. J. A. Mason. Pl. Pt. 52; Jan. 10.
 Rose. L. Raymond. Pl. Pt. 63; May 2.
 Rose. C. Weigand. Pl. Pt. 79; Nov. 7.
 Rose. Hybrid tea. A. J. and E. C. Amling. Pl. Pt. 59; Apr. 4.
 Rose. Hybrid tea. F. H. Howard. Pl. Pt. 67; June 20.
 Rose. Pink. F. Schramm. Pl. Pt. 72; July 25.
 Rose. Yellow. F. H. Traendly. Pl. Pt. 80; Nov. 7.
 Rosin. Cleaning and changing the color of. E. Hey. 1,912,037; May 30.
 Rosin composition. I. W. Humphrey. 1,931,226; Oct. 17.
 Rosin from collected crude matter. Recovering. A. R. Hitch and I. A. Ebaugh. 1,899,388; Feb. 28.
 Rosin. Preparing a high grade. A. R. Hitch and I. A. Ebaugh. 1,899,389; Feb. 28.
 Rosin. Producing high grade. A. R. Hitch. 1,904,464; Apr. 18.
 Rosin product. Hydrogenated. C. O. Henke. 1,899,961; Mar. 7.
 Rosin. Purifying. R. C. Palmer, J. L. Burda, and A. F. Oliver. 1,905,493; Apr. 25.
 Rosin. Refining. J. N. Borglin. 1,894,975; Jan. 24.
 Rosin. Refining. J. N. Borglin. 1,901,626; Mar. 14.
 Rosin. Refining. R. S. Hancock. 1,908,754; May 16.
 Rosin. Refining. I. W. Humphrey. 1,897,379; Feb. 14.
 Rosin. Refining. I. W. Humphrey. 1,905,173; Apr. 25.
 Rosin size. Making. J. A. De Cew. 1,929,577; Oct. 10.
 Rosin solutions. Preparation of. A. Thiriet and P. Delcroix. Re19,036; Dec. 26.
 Rotary. V. W. Zillen. 1,929,183; Oct. 3.
 Rotary airfoil. S. Rosenberg and A. Klemm. 1,922,866; Aug. 15.
 Rotary and reciprocating pump. Combined. H. H. Fitch and E. L. Frauenfelder. 1,936,935; Nov. 28.
 Rotary apparatus for contacting gaseous and non-gaseous materials and gas sealed joint therefor. S. B. Heath, G. Cannon, and O. E. Barstow. 1,930,756; Oct. 17.
 Rotary bit. W. C. Bailey. 1,902,941; Mar. 28.
 Rotary bit. A. E. Carlson. 1,938,246; Dec. 5.
 Rotary bit. J. L. Montgomery. A. J. Tarbell and E. H. Irwin. 1,939,131; Dec. 12.
 Rotary clutch. F. M. Potgieter. 1,906,410; May 2.
 Rotary combustion engine. G. A. F. Winckler. 1,923,561; Aug. 22.
 Rotary cooler. R. C. Newhouse. 1,902,517; Mar. 21.
 Rotary cutter. E. A. Bessom. 1,903,279; Apr. 4.
 Rotary cutter. L. L., J. L., and S. L. Chong. 1,896,391; Feb. 7.
 Rotary cutter. J. Edgar. 1,928,646; Oct. 3.
 Rotary cutter. H. Ernst and L. F. Nenninger. 1,938,773; Dec. 12.
 Rotary cutter. L. Skeel. 1,904,632; Apr. 18.
 Rotary cutter. G. F. Whitman. 1,898,800; Feb. 21.
 Rotary drier. C. O. Lavett. 1,919,229; July 25.
 Rotary drill bit. G. Hammerberg. 1,928,451; Sept. 26.
 Rotary engine. M. V. Andrews. 1,938,735; Dec. 12.
 Rotary engine. G. H. Beuoy. 1,894,480; Jan. 17.
 Rotary engine. N. Christie. 1,900,898; Mar. 14.
 Rotary engine. J. B. Cimini. 1,933,415; Oct. 31.
 Rotary engine. M. S. Crossley. 1,911,265; May 30.
 Rotary engine. E. E. Galyean. 1,905,847; Apr. 25.
 Rotary engine. D. N. Hapkins. 1,922,363; Aug. 15.
 Rotary engine. H. E. Kempton. 1,894,353; Jan. 17.
 Rotary engine. E. Sturm. 1,895,353; Jan. 24.
 Rotary fountain. V. Cataldi. 1,939,803; Dec. 19.
 Rotary furnace. C. P. Debuch. Re18,929; Aug. 29.
 Rotary furnace. G. J. Hagan. 1,919,650; July 25.
 Rotary gang drill. J. W. Brown, jr. 1,911,304; May 30.
 Rotary gear pump. C. W. Vogt and W. E. Zoeller. 1,902,347; Mar. 21.
 Rotary hearth furnace. R. E. Talley. 1,913,999; June 13.
 Rotary indicator. W. E. Dunning. 1,899,140; Feb. 28.
 Rotary machine. D. W. Norwood. 1,909,418; May 16.
 Rotary machine. E. H. Shaft. 1,913,003; June 6.
 Rotary motion. System for the transmission of. P. J. Frias, C. Jones, and M. Cheru. 1,903,714; Apr. 11.
 Rotary motor. J. G. Maxwell and A. J. Maxwell. 1,933,442; Oct. 31.
 Rotary motor. R. A. Norling. 1,917,054; July 4.
 Rotary motor. Internal combustion. E. A. White. 1,901,787; Mar. 14.
 Rotary motor tool. R. H. King. 1,913,989; June 13.
 Rotary offset press. Four cylinder sheet-fed. O. Wohlrabe. 1,916,454; July 4.
 Rotary oil burner. L. S. Chadwick, M. Resek, and J. A. Dahlstrom. 1,911,264; May 30.
 Rotary pickling machine. F. J. Wood. 1,894,141; Jan. 14.
 Rotary plunger pump. S. A. Johnson. 1,901,602; Mar. 10.
 Rotary press. Changeable. H. F. Bechman. 1,901,075-6; Mar. 14.
 Rotary printing press. Sheet feed. H. M. Barber. 1,941,241; Dec. 26.
 Rotary printing press. Sheet-fed relief-intaglio. C. J. MacArthur. 1,895,080; Jan. 24.
 Rotary pump. C. E. Anderson. 1,903,606; Apr. 11.
 Rotary pump. D. Appel. 1,910,876; May 23.
 Rotary pump. W. L. Claypool. 1,909,756; May 16.
 Rotary pump. J. Deubel. 1,936,467; Nov. 21.
 Rotary pump. D. N. Hapkins. 1,918,758; June 13.
 Rotary pump. W. G. Hawley. 1,922,951; Aug. 15.
 Rotary pump. A. Izbiicki. 1,900,416; Mar. 7.
 Rotary pump. J. F. Jaworowski. 1,912,845; June 6.
 Rotary pump. J. F. Jaworowski. 1,917,524; July 11.
 Rotary pump. R. E. King. 1,915,097; June 20.
 Rotary pump. J. Mann. 1,927,799; Sept. 19.
 Rotary pump. J. H. Rowlands and G. Thomas. 1,927,418; Sept. 19.
 Rotary pump. O. Siemen and J. Hirsch. 1,920,484; Aug. 1.
 Rotary pump. O. S. Sleeper and C. J. Westin. 1,899,904; Feb. 28.
 Rotary pump. F. E. Sperry. 1,896,033; Jan. 31.
 Rotary pump. C. W. Vogt. 1,902,315; Mar. 21.
 Rotary pump. C. W. Vogt. 1,902,346; Mar. 27.

- Rotary pump. H. T. Woo. 1,935,198; Nov. 14.
 Rotary pump. M. E. Zimmerer. 1,923,291; Aug. 22.
 Rotary pump, Electrically-driven. J. W. W. Drysdale and J. Young. 1,919,097; July 18.
 Rotary pump, Low-head. R. O. Couch. 1,893,614; Jan. 10.
 Rotary snap switch. G. J. Meuer. 1,921,765; Aug. 8.
 Rotary switch. A. J. Escott. 1,925,237; Sept. 5.
 Rotary swivel. G. Tremolada. 1,937,050; Nov. 28.
 Rotary valve. W. L. Gorden. 1,920,924; Aug. 1.
 Rotary valve. W. F. Grant. 1,901,961; Mar. 21.
 Rotary valve. F. J. Holmes. Re18,994; Nov. 14.
 Rotary ventilator. T. A. Weisenborn. 1,910,373; May 23.
 Rotary vibrating drill. F. X. Strobel. 1,925,289; Sept. 5.
 Rotary well pump. C. M. McCord. 1,929,754; Oct. 10.
 Rotatable connector. E. R. Berluti. 1,924,302; Aug. 29.
 Rotatable switch. A. M. Flanders and J. T. Dessureau. 1,924,776; Aug. 29.
 Rotating bodies and apparatus therefor, Stroboscopically observing. E. Hime. 1,911,363; May 30.
 Rotating furnace. C. Haller. 1,916,569; July 4.
 Rotating mechanism. L. L. Weaver. 1,920,224; Aug. 1.
 Rotation, Mechanism to control relative. C. N. Fulcher. 1,926,333; Sept. 12.
 Rotor and cooling the same, Dynamo electric machine. H. L. Smith. 1,921,140; Aug. 8.
 Rotor and lubricated valve, Loose stem. F. H. Hehemann. 1,914,719; June 20.
 Rotor and lubricated valve, Loose stem split. H. P. MacGregor and F. H. Hehemann. 1,926,450; Sept. 12.
 Rotor construction. H. L. Barnholdt. 1,901,280; Mar. 14.
 Rotor construction for aircraft, Sustaining. J. de la Cierva. 1,897,042; Feb. 14.
 Rotor for axial flow hydraulic machines. J. H. Gill. 1,910,216; May 23.
 Rotor for turbo-blowers, centrifugal pumps and the like. H. Inokuy and Z. Nagaoka. 1,902,406; Mar. 21.
 Rotor, Magnetic. T. J. Harley. 1,925,636; Sept. 5.
 Rotor, Manufacture of squirrel cage. P. W. Baker. 1,915,115; June 20.
 Rotor, Squirrel-cage. E. Bisschop. 1,924,103; Aug. 29.
 Rouge applicator. G. A. Gleeson. 1,919,887; July 25.
 Roughage mill. J. Holland-Letz. 1,925,394; Sept. 5.
 Roughing wheel. J. M. Mancuso. 1,928,066; Sept. 26.
 Roundabout. L. S. Humphrey. 1,925,324; Sept. 5.
 Roundabout. D. J. Lahay. 1,896,796; Feb. 7.
 Roundhouse equipment. F. H. C. Coppus. 1,917,202; July 4.
 Rounds, Finishing. G. A. Wise. 1,914,587; June 20.
 Routing machine. J. W. Dixon. 1,905,448; Apr. 25.
 Routing tool. V. Royle. 1,907,880; May 9.
 Roving device for reels. N. A. Tornblom. 1,935,585; Nov. 14.
 Roving frame. F. E. Banfield, jr. 1,924,176; Aug. 29.
 Roving frame. G. N. and J. Fraser. 1,912,072; May 30.
 Rowing machine. A. DeV. Harnett. 1,916,883; July 4.
 Rubber. D. Spence. 1,918,671; July 18.
 Rubber and antioxidant agent, Age resisting vulcanized. H. A. Morton. 1,919,301; July 25.
 Rubber and its manufacture, Synthetic. W. S. Calcott, F. B. Downing, and D. H. Powers. 1,903,500; Apr. 11.
 Rubber and manufacturing the same, Imitation. S. Fujii and T. Fukuda. 1,938,015; Dec. 5.
 Rubber and product, Improving the properties of. W. A. Gibbons. 1,913,113; June 6.
 Rubber and product obtained thereby, Treating. S. M. Cadwell. 1,905,797; Apr. 25.
 Rubber and product obtained thereby, Vulcanization of. R. L. Sibley. 1,910,816; May 23.
 Rubber and product obtained thereby, Vulcanizing. C. O. North. 1,936,115; Nov. 21.
 Rubber and product thereof, Accelerating the vulcanization of. W. J. Clapson and J. R. Sheppard. 1,926,739-40; Sept. 12.
 Rubber and products obtained thereby, Manufacturing vulcanized. S. M. Evans. 1,902,398; Mar. 21.
 Rubber and rubber compounds, Age resisting. H. A. Morton. 1,929,560; Oct. 10.
 Rubber and rubber-like substances, Vulcanization of. M. Jones and W. J. S. Naunton. 1,923,932; Aug. 22.
 Rubber and the improved age resisting rubber produced thereby, Treating. H. M. Bunbury, J. S. H. Davies, and W. J. S. Naunton. 1,923,911; Aug. 22.
 Rubber and the like, Concentrating aqueous dispersions of. U. Pestalozza. 1,926,701-2; Sept. 12.
 Rubber and the like, Manufacture of. M. Faldini. 1,938,011; Dec. 5.
 Rubber and the product obtained by it, Process and the apparatus for preparing sheet. N. H. Van Harpen. 1,936,490; Nov. 21.
 Rubber, Aqueous dispersions of. L. Kirschbraun. 1,929,499; Oct. 10.
 Rubber article. E. E. McKay. 1,940,315; Dec. 19.
 Rubber article and making the same, Hard. I. Q. Gurnee. 1,911,566; May 30.
 Rubber article, Combined hard and soft. C. Shugz and P. Robinson. 1,895,738; Jan. 31.
 Rubber article, Corrosion-resisting. B. S. Taylor and B. M. Costello. 1,906,434; May 2.
 Rubber articles and making the same, Reinforced vulcanized. G. R. Lockhart. 1,902,871; Mar. 28.
 Rubber articles and product, Treating. W. A. Steinle. 1,935,165; Nov. 14.
 Rubber articles, Apparatus for balanced molding of. P. E. Young. 1,899,907; Feb. 28.
 Rubber articles, Apparatus for manufacturing thin. E. S. Killian. 1,923,733; Aug. 22.
 Rubber articles, Making fabric reenforced. D. K. Pope. 1,909,892; May 16.
 Rubber articles, Making shaped. E. A. Willson. 1,908,719; May 16.
 Rubber articles, Manufacture of. J. Little. 1,934,547; Nov. 7.
 Rubber articles, Manufacture of. E. A. Murphy, E. W. B. Owen, and D. F. Twiss. 1,921,130; Aug. 8.
 Rubber articles, Manufacturing. C. L. Beal. 1,908,654; May 9.
 Rubber articles, Method and apparatus for making dipped. A. N. Spanel, R. D. Weston and W. Bitner. 1,933,397; Oct. 31.
 Rubber articles, Method of and apparatus for making. A. O. Abbott, jr. 1,909,512; May 16.
 Rubber articles of every kind. O. G. Bohlin. 1,905,363; Apr. 25.
 Rubber articles, Producing. A. H. Voss. 1,897,626; Feb. 14.
 Rubber articles, Production of colored. R. Krech, W. Scheurer, and A. Koch. 1,897,129; Feb. 14.
 Rubber articles, Splicing. C. W. Leguillon. 1,921,623; Aug. 8.
 Rubber articles with mottle surface ornamentation. F. H. Lane. 1,915,828; June 27.
 Rubber, Artificial. W. Bock and E. Tschunkur. 1,911,672; May 30.
 Rubber, Artificial. W. Bock and E. Tschunkur. 1,924,227; Aug. 29.
 Rubber, Artificial. H. Meis, W. Klein, and E. Tschunkur. 1,896,493; Feb. 7.
 Rubber, Artificial dispersion of. C. P. MacIver. 1,938,078; Dec. 5.
 Rubber bearing bush. H. N. Wylie. 1,911,866; May 30.
 Rubber cap-wrench. J. W. Waterhouse. 1,924,579; Aug. 29.
 Rubber coated article. H. Beckmann. 1,909,746; May 16.
 Rubber coated articles and process. P. H. Watkins. 1,896,263; Feb. 7.
 Rubber coated fabric. J. R. Couture. 1,936,500; Nov. 21.
 Rubber coated fabric. W. S. Gocher and A. N. Parrett. 1,931,110; Oct. 17.
 Rubber coatings to aluminum, Adhesion of. F. Gábor, E. Csutoras, and G. Laszlo. 1,926,524; Sept. 12.
 Rubber composition. A. E. Bond. 1,940,528; Dec. 19.
 Rubber composition. A. E. Boss. 1,895,910; Jan. 31.
 Rubber composition and making same. W. N. Jones. 1,941,012; Dec. 26.
 Rubber composition and preserving rubber. A. W. Campbell. 1,902,115; Mar. 21.
 Rubber composition and preserving rubber. P. C. Jones. 1,919,726; July 25.
 Rubber composition and preserving rubber. M. C. Reed. 1,899,058; Feb. 28.
 Rubber composition and preserving rubber. M. C. Reed. 1,916,285-7; July 4.
 Rubber composition and preserving rubber. W. L. Semon. 1,919,452; July 25.
 Rubber composition and preserving rubber. W. L. Semon. 1,921,007; Aug. 8.
 Rubber composition and preserving rubber. W. L. Semon. 1,940,815; Dec. 26.
 Rubber composition and preserving rubber. W. L. Semon. 1,940,816; Dec. 26.
 Rubber composition and preserving rubber. W. L. Semon. 1,940,817-19; Dec. 26.
 Rubber composition and preserving rubber. A. W. Sloan. 1,899,120; Feb. 28.
 Rubber composition and preserving rubber. A. W. Sloan. 1,940,824; Dec. 26.
 Rubber composition and vulcanizing rubber, Vulcanized. H. Oehme. 1,900,728; Mar. 7.
 Rubber composition, Colored. L. Orthner and E. Glietenberg. 1,907,156; May 2.
 Rubber compositions and product obtained thereby, Producing age-resisting. I. Williams. 1,908,093; May 9.
 Rubber compositions, Treating. A. Szegvari. 1,924,576; Aug. 29.
 Rubber compound and making same, Age resisting. W. Scott. 1,902,379; Mar. 21.
 Rubber compound and making the same. F. O. Woodruff. 1,929,544; Oct. 10.
 Rubber compound, Manufacture of age-resistant vulcanized. W. Scott. 1,911,092; May 23.
 Rubber compound, Method of and machine for treating. R. W. Snyder. 1,897,961; Feb. 14.
 Rubber, Compounding. W. S. Calcott, W. A. Douglass, and O. M. Hayden. 1,899,554; Feb. 28.
 Rubber compounding. R. R. Olla. 1,912,591; June 6.
 Rubber compounds, Vulcanizing. T. Weigel. 1,929,044; Oct. 3.
 Rubber deposited from aqueous dispersions, Dehydrating. E. H. Darby. 1,899,016; Feb. 28.
 Rubber dispersions, Cathodic deposition of. D. F. Twiss. 1,910,579; May 23.
 Rubber dispersions, Concentrating aqueous. H. B. Townsend. 1,939,635; Dec. 12.
 Rubber-fabric sheet material and product produced thereby, Making. C. E. Linscott. 1,935,189; Nov. 14.
 Rubber for sea-going vessel. J. G. Vadset. 1,900,848; Mar. 7.

- Rubber goods, Apparatus for making dipped. J. R. Gam-meter. 1,938,420; Dec. 5.
- Rubber goods from rubber dispersions, Direct manufacture of homogeneous. P. Klein and A. Szegvari. 1,906,618; May 2.
- Rubber goods, Manufacture of. E. A. Murphy and E. W. B. Owen. 1,929,603; Oct. 10.
- Rubber goods, Manufacturing. W. H. Chapman and D. W. Pounder. 1,941,200; Dec. 26.
- Rubber, gutta-percha, and articles made therefrom, Medium for cleaning and reducing the swelling of. O. H. Strecker. 1,910,718; May 23.
- Rubber-impregnated products, Manufacture of. G. A. Richter, W. B. Van Arsdel, and R. B. Hill. 1,900,951; Mar. 14.
- Rubber in nonaqueous liquids, Dispersion of. R. Almy. 1,905,026; Apr. 25.
- Rubber in water, Dispersing. E. B. Newton. 1,899,243; Feb. 28.
- Rubber insert for shoes, Flanged. R. R. Ratcliff. 1,926,818; Sept. 12.
- Rubber latex or other rubber dispersions, Vulcanization of. F. C. Van Heurn. 1,893,477; Jan. 3.
- Rubber-like composition and making same, Synthetic. W. L. Semon. 1,929,453; Oct. 10.
- Rubber-like mass containing olefine naphthalene polymerizates. K. Meisenburg and W. Bock. 1,938,751; Dec. 12.
- Rubberlike mass containing styrene polymerizates. E. Tschunkur and W. Bock. 1,938,731; Dec. 12.
- Rubberlike mass containing styrol polymerizates. E. Tschunkur and W. Bock. 1,938,730; Dec. 12.
- Rubberlike masses and preparing same, Mixed. K. Meisenburg. 1,901,354; Mar. 14.
- Rubber like masses containing olefine naphthalene polymerizates. K. Meisenburg and W. Bock. 1,915,745; June 27.
- Rubber like masses, Hard. W. Sieser. 1,932,390; Oct. 31.
- Rubber like vulcanizers, Artificial. E. Tschunkur and W. Bock. 1,906,667; May 2.
- Rubber, Manufacture of synthetic. E. Tschunkur and W. Bock. 1,935,733; Nov. 21.
- Rubber, Manufacturing differently colored, marbled, veined, or streaky sponge. F. Girs. 1,908,747; May 16.
- Rubber material, Producing expanded. G. P. Denton. 1,905,269; Apr. 25.
- Rubber, Method of and apparatus for treating. G. R. Burrell. 1,930,736; Oct. 17.
- Rubber, Method of and apparatus for treating sheet. W. W. De Laney. 1,921,455; Aug. 8.
- Rubber mill cooling device. J. M. King. 1,894,618; Jan. 17.
- Rubber or rubber-like substances, Dispersing. C. L. Hawthaway. 1,910,244; May 23.
- Rubber plates to leather or the like, Attachment of. K. Ehmke. 1,915,882; June 27.
- Rubber, Preservation of. I. Williams and A. M. Neal. 1,902,005; Mar. 21.
- Rubber, Preservation of. I. Williams and A. M. Neal. 1,913,621; June 13.
- Rubber preserving. M. Bögemann, C. Kreuter, and T. Weigel. 1,933,962; Nov. 7.
- Rubber product, Age resisting vulcanized. W. Scott. 1,899,426; Feb. 28.
- Rubber product and coloring rubber, Colored. B. S. Taylor. 1,895,088; Jan. 24.
- Rubber product and making the same. G. Oenslager. 1,925,879; Sept. 5.
- Rubber product and making the same. F. L. Shew. 1,893,966; Jan. 10.
- Rubber product and making the same. F. C. Van Heurn. 1,913,014; June 6.
- Rubber product and manufacturing same, Age resisting vulcanized. J. R. Ingram. 1,902,405; Mar. 21.
- Rubber product and manufacturing same, Age resisting vulcanized. R. L. Sibley. 1,932,562; Oct. 31.
- Rubber product and producing the same, Fibrous. W. F. Busse. 1,909,455; May 16.
- Rubber product, Sheet. W. W. De Laney. 1,921,456; Aug. 8.
- Rubber, Production of vulcanized. H. Klein and A. Beck. 1,908,482; May 9.
- Rubber refining machine. H. G. Brewster. 1,930,873; Oct. 17.
- Rubber stock and product made thereby, Compounding oil resistant. D. J. Beaver. 1,930,437; Oct. 10.
- Rubber substitutes and products derived therefrom, Manufacture of. M. Faldini. 1,920,298; Aug. 1.
- Rubber surfaces and product produced thereby, Treating. P. H. Watkins. 1,928,988; Oct. 3.
- Rubber surfaces, Protecting. C. L. Beal. 1,919,766; July 25.
- Rubber to iron or steel, Securing. O. A. Thompson. 1,906,436; May 2.
- Rubber to leather, Vulcanizing. L. B. Conant. 1,934,038; Nov. 7.
- Rubber to metal, Adhering. H. Gray. 1,919,718; July 25.
- Rubber to metal and other hard materials, Applying. A. J. Michelin. 1,904,502; Apr. 18.
- Rubber to tires, Applying retread. W. B. Thurman and H. J. Wock. 1,920,720; Aug. 1.
- Rubber treatment. A. F. Bigger and A. C. Squires. 1,896,660; Feb. 7.
- Rubber treatment. W. P. ter Horst. 1,935,279; Nov. 14.
- Rubber treatment. W. E. Messer. 1,893,630; Jan. 10.
- Rubber, Treatment of. L. H. Howland. 1,907,545; May 9.
- Rubber, Treatment of. L. H. Howland. 1,930,051; Oct. 10.
- Rubber, Treatment of. W. P. ter Horst. 1,906,934-42; May 2.
- Rubber vulcanization. O. Behrend. 1,896,535; Feb. 7.
- Rubber vulcanization. G. Bruni and T. G. Levi. 1,892,719; Jan. 3.
- Rubber vulcanization. C. Coleman. 1,901,582; Mar. 14.
- Rubber vulcanization. H. H. Harkins. 1,912,448; June 6.
- Rubber vulcanization. M. W. Harman. 1,941,146; Dec. 26.
- Rubber vulcanization. H. A. Morton. 1,893,868; Jan. 10.
- Rubber vulcanization. W. Scott. 1,924,574; Aug. 29.
- Rubber vulcanization. R. L. Sibley. 1,898,268; Feb. 21.
- Rubber vulcanization. R. L. Sibley. 1,914,047; June 13.
- Rubber vulcanization. I. Williams. 1,938,651; Dec. 12.
- Rubber vulcanization. I. Williams and C. W. Croco. 1,928,773; Oct. 3.
- Rubber vulcanization. I. Williams and A. M. Neal. 1,940,280; Dec. 19.
- Rubber vulcanization accelerator. F. L. Kilbourne, jr., and J. N. Street. 1,936,561; Nov. 21.
- Rubber vulcanization mold. G. W. Crosby. 1,920,139; July 25.
- Rubber, Vulcanization of. W. Scott. 1,908,065; May 9.
- Rubber, Vulcanization of. W. Scott. 1,931,394; Oct. 17.
- Rubber, Vulcanization of. W. F. Tuley. 1,904,673; Apr. 18.
- Rubber, Vulcanizing. E. B. Newton. 1,906,402; May 2.
- Rubber, Vulcanizing. R. L. Sibley. 1,931,396; Oct. 17.
- Rubber, Vulcanizing. G. H. Stevens. 1,921,375; Aug. 8.
- Rubber, Vulcanizing. G. H. Stevens. 1,925,707; Sept. 5.
- Rubber vulcanizing process. W. Scott. 1,893,846; Jan. 10.
- Rubber weather-strip. F. C. Palenske. 1,903,225; Mar. 28.
- Rubber with cellulose derivatives, Incorporating. M. Bandi. 1,913,227; June 6.
- Rubberized fabric. F. D. Snell and A. London. 1,929,368; Oct. 3.
- Rubberized material. H. R. Haertel. 1,928,356; Sept. 26.
- Rubbing block. J. M. Gauss. 1,896,946; Feb. 7.
- Rubbing compound. P. H. Kramer. 1,927,872; Sept. 26.
- Rudder. W. Scholz. 1,936,409; Nov. 21.
- Rudder for ships. W. Scholz. 1,897,824; Feb. 14.
- Rudder pedal adjusting mechanism. G. A. Page, jr. 1,902,094; Mar. 21.
- Rug. H. C. La Couture. Des. 90,323; July 18.
- Rug. H. C. La Couture. Des. 91,206; Dec. 19.
- Rug. W. F. McCabe. Des. 90,494; Aug. 15.
- Rug. W. F. McCabe. Des. 91,243; Dec. 26.
- Rug. A. M. Muldoon. 1,916,932; July 4.
- Rug. A. E. Smidlein. Des. 91,206; Dec. 19.
- Rug. I. J. Vetter. Des. 90,094; June 6.
- Rug. I. J. Vetter. Des. 90,518; Aug. 15.
- Rug. I. J. Vetter. Des. 91,223; Dec. 19.
- Rug and carpet cleaning machine. W. M. Felton. 1,925,377; Sept. 5.
- Rug and making the same, Patterned. P. C. Waite. 1,935,302; Nov. 14.
- Rug cleaning and stretching device. J. H. Pampaian and M. H. Evkhanian. 1,933,565; Nov. 7.
- Rug hook. J. P. Tibbitt. 1,919,813; July 25.
- Rug hooker. J. E. Garrett. 1,941,346; Dec. 26.
- Rug, Pile fabric. E. Ericson. Des. 90,066-8; June 6.
- Rug, Pile fabric. J. Todd. Des. 90,092; June 6.
- Rug Tufted. A. J. Carter and M. S. Duke. 1,936,347; Nov. 21.
- Rug underlay. W. J. Slagle. 1,905,008; Apr. 25.
- Rugs and making the same, Tufted. E. Johnson. 1,935,320; Nov. 14.
- Rugs and the like, Manufacture of. N. H. Brewster. 1,907,492; May 9.
- Rugs, Displaying. R. M. Sharaf. 1,940,820; Dec. 26.
- Rugs, Hand device for making hooked. E. B. Gilleland. 1,932,516; Oct. 31.
- Rule, Folding. A. L. Stowell. 1,907,459; May 9.
- Rule, Slide. A. W. Keuffel. 1,904,474; Apr. 18.
- Rule, Slide. A. W. Keuffel. 1,930,852; Oct. 17.
- Rule, Slide. A. W. Keuffel. 1,934,232; Nov. 7.
- Rule, Slide. A. Langsner. 1,894,294; Jan. 17.
- Ruler, Adjustable curve. W. S. Weston. 1,893,689; Jan. 10.
- Ruler, Adjustable curved. W. S. Weston. 1,893,690; Jan. 10.
- Rules, Controlling concavo-convex. H. A. Farrand. 1,939,546; Dec. 12.
- Rules, Controlling resilient. H. A. Farrand. 1,906,456; May 2.
- Ruling machine. A. Broadmeyer. 1,934,224; Nov. 7.
- Runway structure. H. D. Randall. 1,934,816; Nov. 14.
- Runner and shoe, Reversible and quick-changing. W. J. Chapman. 1,904,201; Apr. 18.
- Runner attachment for vehicles. R. Hilstrom. 1,907,321; May 2.
- Running board. B. Bronson. 1,905,895; Apr. 25.
- Running board. B. Bronson. 1,928,682; Oct. 3.
- Running board and the like, Automobile. W. S. Vrooman. 1,905,769; Apr. 25.
- Running-board for automobiles. A. H. Leamy. 1,896,797; Feb. 7.
- Running boards, Making. B. Bronson. 1,934,256; Nov. 7.
- Running gear. M. J. Adams. 1,924,388; Aug. 29.
- Rupture pad. F. J. Mendez. 1,934,991; Nov. 14.

- Rust and corrosion, Process and product for preventing. B. D. Avis. 1,940,041; Dec. 19.
- Rust-proofing composition and producing the same. L. H. Englund. 1,926,766; Sept. 12.
- Sack or bag holder. E. R. Overmyer. 1,920,019; July 25.
- Sack packer. W. T. Shafer. 1,924,202; Aug. 29.
- Sack with automatic closing means. R. Jarrier. 1,938,593; Dec. 12.
- Sacking device. D. A. Evans. 1,909,670; May 16.
- Sacking machine. C. A. Du Vander. 1,935,836; Nov. 21.
- Saddle. F. Mesinger. 1,936,403; Nov. 21.
- Saddle, Leno jumper. C. J. Lindgren. 1,895,805; Jan. 31.
- Saddle support. H. E. Fretz. 1,934,600; Nov. 7.
- Sadiron. S. Grauer. 1,902,025; Mar. 21.
- Sadiron. E. D. Ferry and G. E. Ball. Des. 88,890; Jan. 3.
- Sadiron. W. K. Tavender. 1,911,213; May 30.
- Sadiron, Electric. P. N. Murakami. 1,907,186; May 2.
- Sadiron, Electric. O. A. Ross. 1,940,731; Dec. 26.
- Sadiron, Safety. T. L. Reed. 1,920,668; Aug. 1.
- Safe. C. N. Dilatush. 1,936,385; Nov. 21.
- Safe. A. Ehrlich. 1,901,904; Mar. 21.
- Safe. A. Hofer and F. Danninger. 1,921,032; Aug. 8.
- Safe. W. C. Miller. 1,896,007; Jan. 31.
- Safe, Article. G. Woithe. 1,913,738; June 13.
- Safe construction. W. C. Miller. 1,929,558; Oct. 10.
- Safe deposit lock. W. P. Mosely. 1,904,383; Apr. 18.
- Safe, Heat resisting upwardly opening. W. C. Miller. 1,934,272; Nov. 7.
- Safe lock, Electric. H. M. Leschke and P. J. Anselmo. 1,905,965; Apr. 25.
- Safe, Tabernacle. H. P. Mertel. 1,907,850; May 9.
- Safety air valve. M. Prisk. 1,928,186; Sept. 26.
- Safety apparatus. O. A. McNamee. 1,919,445; July 25.
- Safety apparatus for highways. W. B. Hastings. 1,897,123; Feb. 14.
- Safety apparatus for oil burners. W. C. Groff. 1,928,888; Oct. 3.
- Safety apparatus for shipwrecked persons. L. Ghirardi. 1,936,012; Nov. 21.
- Safety appliance for bathers, Emergency. Z. E. Neal. 1,935,229; Nov. 14.
- Safety appliance for gas or electric ranges. J. Teller and A. P. Schulz. 1,931,334; Oct. 17.
- Safety appliance for rotary winding members of hauling machines. H. Donandt. 1,935,975; Nov. 21.
- Safety appliance, Window washer's. R. D. McIntosh. 1,908,436; May 9.
- Safety attachment for aeroplanes. C. A. Bolcom. 1,905,337; Apr. 25.
- Safety attachment for moving picture apparatus. A. Szeliga, Inc. 1,904,807; Apr. 18.
- Safety attachment for typographical composing and casting machines. W. G. Hamilton. 1,906,060; Apr. 25.
- Safety blasting plug. R. J. Heitzman. 1,896,817; Feb. 7.
- Safety bottle cover, Removable. S. Garcia. 1,937,271; Nov. 28.
- Safety brake, Automatic. R. J. De Shano. 1,922,570; Aug. 15.
- Safety car wrench. J. Prescott. 1,933,756; Nov. 7.
- Safety clamp. H. C. Johansen. 1,924,436; Aug. 29.
- Safety contact plug. C. A. Good. 1,915,601; June 27.
- Safety control apparatus. F. D. Austin. 1,910,944; May 23.
- Safety control apparatus for rock drills. G. M. Nell. 1,928,700; Oct. 3.
- Safety control equipment. F. B. Thomas. 1,909,382; May 16.
- Safety control for motion picture projection machines. A. E. Irons and D. S. Kepler. 1,896,672; Feb. 7.
- Safety control for motion picture projection rooms and equipment, Automatic. D. S. Kepler and A. E. Irons. 1,911,999; May 30.
- Safety control for motor vehicles. F. P. De Wilde. 1,901,554; Mar. 14.
- Safety control mechanism for liquid fuel burners. L. I. Aldrich. 1,893,875; Jan. 10.
- Safety control system, Automatic combustion. T. A. Peebles. 1,905,745; Apr. 25.
- Safety cut-off device for gas service. J. A. Sickels. 1,912,798; June 6.
- Safety cut-out switch. C. E. Deitsch. 1,902,765; Mar. 21.
- Safety device. J. C. Chambers. 1,920,001; July 25.
- Safety device. J. T. Coghill. 1,921,217; Aug. 8.
- Safety device. S. J. Hellman. 1,941,089; Dec. 26.
- Safety device. N. B. Lund. 1,931,232; Oct. 17.
- Safety device. H. C. Miller. 1,926,551; Sept. 12.
- Safety device. A. C. Nicols and M. C. Moors. 1,906,081; Apr. 25.
- Safety device. R. J. S. Pigott. 1,922,777; Aug. 15.
- Safety device. B. F. Singer and J. J. Ehemann. 1,904,015; Apr. 18.
- Safety device, Aerial. I. B. Ayad. 1,923,963; Aug. 22.
- Safety device and control for gas burners. W. S. Valmore. 1,936,001; Nov. 21.
- Safety device for aerial signs. W. M. Gray. 1,909,760; May 16.
- Safety device for aircraft. S. Christensen. 1,910,379; May 23.
- Safety device for automobile lifts. C. F. Metz and H. Miesner. 1,938,191; Dec. 5.
- Safety device for blasting charges employed in mining and similar work. W. Voortmann. 1,900,624; Mar. 7.
- Safety device for boilers. F. D. Austin. 1,910,945; May 23.
- Safety device for boilers. F. L. Badgett. 1,926,254; Sept. 12.
- Safety device for burners. E. R. Snavelly. 1,911,776; May 30.
- Safety device for circuitous elevators. G. Currie. 1,909,045; May 16.
- Safety device for cloth cutting machines, Automatic. J. A. Cohen. 1,915,049; June 20.
- Safety device for containers for explosives, particularly explosive gases. H. Grohmann. 1,918,906; July 18.
- Safety device for cross roads and hills. F. T. Wing. 1,930,917; Oct. 17.
- Safety device for die presses. W. C. Jay. 1,905,099; Apr. 25.
- Safety device for electric ovens. W. D. Antrim. 1,897,879; Feb. 14.
- Safety device for elevator driving means. H. Roche. 1,917,462; July 11.
- Safety device for elevators. A. M. Millward. 1,913,502; June 13.
- Safety device for elevators. F. L. Ohler. 1,923,683; Aug. 22.
- Safety device for flat irons. H. Lomo. 1,935,407; Nov. 14.
- Safety device for food slicers. T. H. Strachan. 1,914,386; June 20.
- Safety device for gas burners. F. G. Herthneck. 1,940,127; Dec. 19.
- Safety device for gas burners. J. A. Hoegger, jr. 1,914,805; June 20.
- Safety device for grinders. C. T. Raule. 1,905,651; Apr. 25.
- Safety device for grinding machines. H. E. Balsiger. 1,918,986; Oct. 31.
- Safety device for heavier-than-air machines. T. A. Davis. 1,928,560; Sept. 26.
- Safety device for high pressure vessels. G. Raymond. 1,930,960; Oct. 17.
- Safety device for hoisting engines. O. L. Berby. 1,919,997; July 25.
- Safety device for internal combustion engines. M. S. Parkhill. 1,925,846; Sept. 5.
- Safety device for ladders. J. F. Babitt. 1,909,565; May 16.
- Safety device for locks. H. Alberg. 1,940,782; Dec. 26.
- Safety device for locks. A. Brun. 1,900,794; Mar. 7.
- Safety device for material handling apparatus. A. Pabst, jr. 1,907,089; May 2.
- Safety device for motor driven tools. J. M. Hadfield. 1,910,217; May 23.
- Safety device for motor vehicles. R. E. Smith. 1,930,828; Oct. 17.
- Safety device for motor vehicles. E. B. Tracy. 1,901,361; Mar. 14.
- Safety device for multiple grinder. C. T. Raule. 1,926,214; Sept. 12.
- Safety device for one-man vehicles. G. Bianchi. 1,918,014; July 11.
- Safety device for overhead electric lines. M. E. Mathieu. 1,919,663; July 25.
- Safety device for paper pulp extractors. L. V. Reese and G. W. Johnson. 1,903,367; Apr. 4.
- Safety device for pneumatic hammers. C. F. Helms. 1,916,049; June 27.
- Safety device for power-take-off shafts. W. L. Zink. 1,898,113; Feb. 21.
- Safety device for pressure systems. W. C. Dennis. 1,900,229; Mar. 7.
- Safety device for printing machines and the like. B. Fassmann. 1,893,164; Jan. 3.
- Safety device for punch presses. B. H. Hawkins. 1,939,006; Dec. 12.
- Safety device for rock drills. E. B. Lear. 1,905,474; Apr. 25.
- Safety device for roofers. J. R. Lancaster and J. B. Ward. 1,926,488; Sept. 12.
- Safety device for semitrailers. E. H. Allen. 1,937,214; Nov. 28.
- Safety device for submarine boats. A. Deschênes. 1,926,229; Sept. 12.
- Safety device for tire inflators. A. Penn. 1,918,612; July 18.
- Safety device for transformers and the like, Differential. K. Täuber. 1,920,037; July 25.
- Safety device for vehicles. S. Bellantese. 1,932,031; Oct. 24.
- Safety device for vehicles. S. Pfeffer. 1,893,634; Jan. 10.
- Safety device for vehicles. G. Rottman. 1,934,449; Nov. 7.
- Safety device for windows. L. H. Reed. 1,908,919; May 16.
- Safety device for wringers. H. N. Ault. 1,925,364; Sept. 5.
- Safety device, Ladder. T. P. Kelly. 1,907,828; May 9.
- Safety device, Power-take-off. W. L. Zink. 1,898,114; Feb. 21.
- Safety device, Steering gear. L. W. Grayson. 1,928,816; Oct. 3.
- Safety device, Submarine. C. G. Gallerani. 1,914,248; June 13.
- Safety device, Transfer. C. F. Bruck. 1,899,849; Feb. 28.
- Safety drawoff apparatus for hot water systems. E. H. Ruppert. 1,904,697; Apr. 18.

- Safety drill table. Z. Witkin. 1,892,690; Jan. 3.
 Safety extension signal. S. C. Phillips. 1,893,303; Jan. 3.
 Safety gas burner. L. F. Doen. 1,933,318; Oct. 31.
 Safety gas valve. A. Lenktis. 1,911,759; May 30.
 Safety grip, Quick acting. J. Dunlop. 1,929,680; Aug. 10.
 Safety hinge. D. C. Ruth. 1,915,448; June 27.
 Safety lamp. S. N. Buchanan. 1,921,069; Aug. 8.
 Safety leg for elevators. L. C. Stukenborg. 1,939,420; Dec. 12.
 Safety light, Direction indicating. O. D. Chauvet. 1,898,655; Feb. 21.
 Safety lock. C. H. Johnston. 1,894,177; Jan. 10.
 Safety lock. S. M. Mercier. 1,925,023; Aug. 29.
 Safety loop for brake beams. M. Russian. 1,894,522; Jan. 17.
 Safety magneto switch. M. Zuger Mayer. 1,906,121; Apr. 25.
 Safety means for hydraulic brakes. H. A. Walker. 1,905,077; Apr. 25.
 Safety mechanism. J. Jacque. 1,941,356; Dec. 26.
 Safety mechanism for aircraft. G. J. Regas. 1,899,721; Feb. 28.
 Safety mechanism for elevators. C. Maier. 1,924,506; Aug. 29.
 Safety oil can. J. E. Schlorff. 1,937,071; Nov. 28.
 Safety pin carding machine. W. von Conta. 1,922,608; Aug. 15.
 Safety pin holder. A. Hagel. 1,917,838; July 11.
 Safety plate to prevent gas burners from being extinguished. H. Gersh. 1,932,929; Oct. 31.
 Safety plug. C. E. Gilbert. 1,898,359; Feb. 21.
 Safety removable fastener. A. Bebel. 1,900,152; Mar. 7.
 Safety shut-off for locomotives. E. W. Bayes. 1,925,581; Sept. 5.
 Safety slip-on server. O. L. Fox. 1,926,481; Sept. 12.
 Safety stop attachment for knitting machines. Automatic. J. H. Koerberle. 1,913,450; June 13.
 Safety supporting means for brake beams. S. A. Crone. 1,918,835; July 18.
 Safety supporting means for brake beams. S. A. Crone. 1,922,526; Aug. 15.
 Safety switch. H. J. Hammerly. 1,928,487; Sept. 26.
 Safety switch. J. Lofgren. 1,924,691; Aug. 29.
 Safety switch. F. Moscato. 1,903,737; Apr. 11.
 Safety switch. S. S. Prince. 1,920,713; Aug. 1.
 Safety switch. A. G. von Normann. 1,894,074; Jan. 10.
 Safety switch. W. A. Wulle. 1,917,567; July 11.
 Safety switch, Automatic. J. J. and E. W. Sprague. 1,913,219; June 6.
 Safety switch, Flash light. G. B. Pratt. 1,903,940; Apr. 18.
 Safety switch, Flash-light. F. G. Stimson. 1,903,947; Apr. 18.
 Safety valve. W. A. Jones. 1,894,955; Jan. 24.
 Safety valve. C. E. Lucke. 1,924,563; Aug. 29.
 Safety valve. C. A. White. 1,892,921; Jan. 3.
 Safety valve, Pilot light controlled. E. J. Leach. 1,905,414; Apr. 25.
 Safety wrist pin. J. R. Noss. 1,899,879; Feb. 28.
 Safety zone guard. R. Callaghan. 1,940,994; Dec. 26.
 Sagger and making the same. A. Weber, jr. 1,937,450; Nov. 28.
 Salesbook and holder. H. W. Clark. 1,913,190; June 6.
 Sales book, Manifolded. A. R. Lawson. 1,918,045; July 11.
 Sales book printing machines. G. L. Fulk. 1,925,586; Sept. 5.
 Sales indicator. G. M. Ward. 1,902,925; Mar. 28.
 Sales system, Automatic. H. R. Brand. 1,938,577; Dec. 12.
 Sales ticket and clip. G. W. Henry, jr. 1,894,906; Jan. 17.
 Saline coatings and making the same. F. De Pape. 1,898,427; Feb. 21.
 Saline content of boiler waters. Control of the. H. Kreigsheim. 1,904,900; Apr. 18.
 Saliva ejector rest. W. S. Fisher. 1,930,196; Oct. 10.
 Salt and pepper shaker. H. M. and A. E. Taft. 1,898,152; Feb. 21.
 Salt and pepper shaker. C. G. Watson. 1,904,757; Apr. 18.
 Salt and pepper shaker, Combination. R. W. Pittman. 1,926,454; Sept. 12.
 Salt and producing same, Double. W. A. Gale and C. F. Ritchie. 1,895,620; Jan. 31.
 Salt bath for annealing metal articles. E. Fahrlander. 1,906,455; May 2.
 Saltcellar. R. G. Schwarz and A. H. Vorbusch. 1,931,087; Oct. 17.
 Saltcellar. R. G. Schwarz and A. H. Vorbusch. 1,931,089; Oct. 17.
 Salt dispenser. S. J. Beebe. 1,937,505; Dec. 5.
 Salt dissolving apparatus. T. F. Courthope. 1,928,008; Sept. 26.
 Salt from a single salt. Obtaining a double. G. B. Burnham. 1,899,310; Feb. 28.
 Salt in canned goods. Device for depositing. D. M. Hume. 1,899,619; Feb. 28.
 Salt-like complex compounds of the higher homologous polyhydroxy-benzenes and substitution products thereof. New. W. Kropp and S. Deichsel. 1,914,434; June 20.
 Salt, Manufacture of silver. A. O. Jaeger and H. J. West. 1,899,507; Feb. 28.
 Salt, Mining soluble. E. N. Trump. 1,923,896; Aug. 22.
 Salt of acylamino-phenol-arsonic acids, Di-sodium. L. Benda. 1,908,304; May 9.
 Salt of diamino-dihydroxy-arsenobenzene dimethylene sulphonic acid, Nonacid. G. W. Raiziss and A. I. Kremens. 1,895,681; Jan. 31.
 Salt press, Hydraulic. G. Kershner. 1,893,996; Jan. 10.
 Salt, Producing hydrated nitrate double. A. L. Mohler. 1,910,807; May 23.
 Salt shaker. L. Weldlich and G. E. Russell. 1,894,076; Jan. 10.
 Salt solutions, Preparation of stabilized titanous. R. M. McKinney. 1,922,816; Aug. 15.
 Salts and other products from oil field brines, Recovery of. O. V. Martin. 1,900,246; Mar. 7.
 Salts and other products from oil field brines, Recovery of. O. V. Martin. 1,900,247; Mar. 7.
 Salts and their preparation, Hygroscopic. O. V. Martin. 1,907,076; May 2.
 Salts, Apparatus for the decomposition of complex hydrofluoric. M. Buchner. 1,918,377; July 18.
 Salts, Decomposition of complex hydrofluoric. M. Buchner. 1,896,697; Feb. 7.
 Salts, Dehydrating, without decomposition, hydrated. H. S. Booth and G. G. Torrey. 1,920,289; Aug. 1.
 Salts in globular form, Producing. L. F. Nickell. 1,923,877; Aug. 22.
 Salts, Making barium. A. T. Mertes. 1,936,849; Nov. 28.
 Salts of aroylbenzoic acids, Oil-soluble basic. H. A. Brunsen. 1,939,621; Dec. 12.
 Salts of calcium nitrate, Manufacture of double. E. Lüscher. 1,926,492; Sept. 12.
 Salts of hydrofluosilicic acid, Producing. M. Buchner. 1,899,607; Feb. 28.
 Salts of ketonic acids derived from petroleum hydrocarbons and preparing same. H. A. Brunsen. 1,894,460; Jan. 17.
 Salts of organic acids from albuminoids and the like, Manufacture of. K. Bromig. 1,938,512; Dec. 5.
 Salts of organic di-thiophosphates. L. J. Christmann. 1,893,018; Jan. 3.
 Salts or other materials from liquids, Apparatus for separating. H. C. A. Behrens. 1,900,789; Mar. 7.
 Salts, Producing and treating sulphocyanate. E. Hene. 1,920,557; Aug. 1.
 Salts, Purification of solutions of zinc. U. C. Tainton. 1,920,442; Aug. 1.
 Salts, Treatment of complex solutions of. A. Lambert. 1,924,503; Aug. 29.
 Salute, Multiple shot aerial. A. Fabrizio. 1,922,156; Aug. 15.
 Salvage apparatus. G. Bontempi. 1,912,428; June 6.
 Salvage apparatus. E. J. Romano. 1,940,326; Dec. 19.
 Sample or stock-case stack, Rotary. R. Sumi and C. Tatsumi. 1,906,827; May 2.
 Sample taking apparatus. G. A. Humason. 1,940,866; Dec. 26.
 Sample taking device. S. Robichaux. 1,900,618; Mar. 7.
 Sampler and transferring device, Automatic. J. F. Geary and H. C. Jennings. 1,937,473; Nov. 28.
 Samples from drilled wells, Apparatus for obtaining. G. A. Macready. 1,896,522; Feb. 7.
 Samples from drilled wells, Obtaining. G. A. Macready. 1,896,492; Feb. 7.
 Sampling and gauging device. H. E. Ford. 1,894,817; Jan. 17.
 Sampling apparatus. D. L. Summey. 1,909,596; May 16.
 Sampling device. W. H. Irwin and A. E. King. 1,927,871; Sept. 26.
 Sampling device for liquids. C. A. Berggren. 1,925,366; Sept. 5.
 Sand aerating device. A. C. Christensen. 1,926,083; Sept. 12.
 Sand and scale trap. S. L. Hirst. 1,933,014; Oct. 31.
 Sand blast apparatus, Continuously operating. F. J. Hull. 1,907,198; May 2.
 Sand blast machine. C. J. Coberly and E. S. Croasdale. 1,912,760; June 6.
 Sand blast machine for applying pressure to abrasive. F. J. Hull. 1,901,450; Mar. 14.
 Sand blast tank apparatus. W. A. Rosenberger. 1,899,528; Feb. 28.
 Sand blasting apparatus. W. L. Schulenberg. 1,935,956; Nov. 21.
 Sand-blasting intaglio designs in stone and the like, Method of and apparatus for. T. Jewell. 1,918,269; July 18.
 Sand box. G. E. Peterson. 1,924,511; Aug. 29.
 Sand conditioner. R. H. McElroy and L. R. Pape. 1,931,150; Oct. 17.
 Sand dredging apparatus. E. J. Crowells. 1,940,488; Dec. 19.
 Sand handling and conditioning apparatus. M. W. Goldberg. 1,912,837; June 6.
 Sand mixer for sand blast machines. R. Ruemelin. 1,923,329; Aug. 22.
 Sand mulling apparatus for foundries. G. Furman. 1,929,777; Oct. 10.
 Sand mulling machine. A. G. J. Rapp. 1,895,006; Jan. 24.
 Sandpaper holder. C. Adornette. 1,896,738; Feb. 7.
 Sandpaper holder. F. C. Parks. 1,927,574; Sept. 19.
 Sand-pipe cleaning mechanism. A. F. Everhart. 1,931,722; Oct. 24.
 Sand, Preparing molding. W. F. Piper. 1,933,278; Oct. 31.

- Sand reel. F. Stone. 1,898,067; Feb. 21.
 Sand regulator and shut-off. R. Ruemelin. 1,898,689; Feb. 21.
 Sand spreader. L. M. Young. 1,924,825; Aug. 29.
 Sand spreader. L. M. Young. 1,925,020; Aug. 29.
 Sand spreading apparatus. H. W. Putnam. 1,928,030; Sept. 26.
 Sand tester. J. L. Badgett. 1,905,208; Apr. 25.
 Sand washer. J. R. Sheffield. 1,938,937; Dec. 12.
 Sander drum. R. A. Williams. 1,922,905; Aug. 15.
 Sander, Drum type. P. A. Solem. 1,921,995; Aug. 8.
 Sander, Hand and rotary. J. P. Quinn. 1,893,679; Jan. 10.
 Sander tool, Portable. G. D. Welch. 1,916,543; July 4.
 Sanding block. J. P. Quinn. 1,893,680; Jan. 10.
 Sanding device for automobiles. J. Glen. 1,896,357; Feb. 7.
 Sanding machine. A. Elmendorf. 1,929,946; Oct. 10.
 Sanding machine. H. L. Myers. 1,913,503; June 13.
 Sanding machine. A. E. Nelson. 1,934,555; Nov. 7.
 Sanding machine. T. A. Palmer and J. W. Denmead. 1,927,445; Sept. 19.
 Sanding machine. B. D. Pinkney. 1,936,991-2; Nov. 28.
 Sanding machine. R. A. Ponselle. 1,934,088; Nov. 7.
 Sanding machine. G. A. Schipper. 1,941,275; Dec. 26.
 Sanding machine. P. A. Solem. 1,912,046; May 30.
 Sanding machine. J. W. Williams. 1,927,330; Sept. 19.
 Sands, Treating oil bearing. W. C. Laughlin. 1,935,643; Nov. 21.
 Sandal. G. Guiffre. 1,894,561; Jan. 17.
 Sandal. H. P. Manville. 1,908,433; May 9.
 Sandal, Bathing. G. B. Carrier. Des. 90,697; Sept. 19.
 Sandal, Spiked. E. V. Rice. 1,902,521; Mar. 21.
 Sandwich filling device. L. Schilling. 1,940,564; Dec. 19.
 Sandwich, Ice cream. S. S. Leaf. 1,899,511; Feb. 28.
 Sanitary accessory for commodes. R. W. Seale. 1,938,867; Dec. 12.
 Sanitary appliance. H. Panullo. 1,919,124; July 18.
 Sanitary cover. E. Smith. 1,909,509; May 16.
 Sanitary covered receptacle. W. J. van Rossem. 1,893,604; Jan. 10.
 Sanitary cup. C. K. Cherry. 1,937,402; Nov. 28.
 Sanitary device for milk bottles or the like. P. W. Floyd. 1,915,223; June 20.
 Sanitary pad holder. J. Meyer. 1,912,783; June 6.
 Sanitary pad supporter belt. M. B. Hammond. 1,905,964; Apr. 25.
 Sanitary pipe coupling. I. H. Kendall. 1,896,519; Feb. 7.
 Sanitary powdering device. W. Guent. 1,926,198; Sept. 12.
 Sanitary preserving can. H. Karl. 1,906,796; May 2.
 Sanitary single package cup. N. F. Abbott. 1,933,468; Oct. 31.
 Sanitary smoking stem for pipes, cigars, and the like. J. Szilagyi. 1,921,792; Aug. 8.
 Sanitary toilet seat pack and container. W. V. and P. F. Rea. 1,924,513; Aug. 29.
 Sanitary waste can. J. F. Geibel. 1,908,235; May 9.
 Sanitary waste can. J. F. Geibel. 1,922,729; Aug. 15.
 Sanitary well top. W. C. H. Peters. 1,904,926; Apr. 18.
 Sanitation equipment. M. G. Higgins. 1,906,593; May 2.
 Sash actuating device. V. F. Hooper. 1,915,261; June 20.
 Sash and guide means. Window. R. T. Axe. 1,895,305; Jan. 24.
 Sash and screws. Composite window. H. P. Gronbech. 1,922,286; Aug. 15.
 Sash and the like. Metal window. H. Swisler. 1,913,521; June 13.
 Sash and weather-strip construction. Window. R. T. Axe. 1,894,064; Jan. 24.
 Sash and window construction for automobile door bodies. J. F. Levan. 1,928,064; Sept. 26.
 Sash. Automobile safety windshield. A. J. Pleszak. 1,914,287; June 13.
 Sash balance. A. H. Kersting. 1,905,107; Apr. 25.
 Sash balance. F. Kilberg. 1,931,582; Oct. 24.
 Sash balance and weather strip structure. S. Madsen. 1,909,698; May 16.
 Sash balance, Spring. A. F. Mantz. 1,898,584; Feb. 21.
 Sash balance. Window. A. Larson. 1,910,112; May 23.
 Sash balance. Window. A. Larson. 1,926,951; Sept. 12.
 Sash construction. P. A. H. Anderson. 1,894,529; Jan. 17.
 Sash construction. W. S. Hamm. 1,892,887; Jan. 3.
 Sash construction. W. S. Hamm and H. D. Severson. 1,931,794; Oct. 24.
 Sash construction, Sheet metal. R. T. Axe. 1,916,913; July 4.
 Sash construction, Window. O. M. Edwards. 1,921,386; Aug. 8.
 Sash cord fastener. J. C. Muir and R. Loudon. 1,932,906; Oct. 31.
 Sash fastener, Window. J. R. McAleavey. 1,912,648; June 6.
 Sash forming machine. G. T. Forbregd and V. R. Cornish. 1,905,839; Apr. 25.
 Sash, Greenhouse. P. L. McKee. 1,926,160; Sept. 12.
 Sash hanger. A. C. Soule. 1,920,898; Aug. 1.
 Sash holder and lock. Storm. J. Christian. 1,925,831; Sept. 5.
 Sash holder and window construction. Window. R. T. Axe. 1,904,602; Apr. 18.
 Sash latch. W. C. Macy. 1,901,974; Mar. 21.
 Sash lift and stop. H. Rosenwald. 1,911,469; May 30.
 Sash lock. H. L. Chambers. 1,937,548; Dec. 5.
 Sash lock. E. H. Gavle. 1,933,727; Nov. 7.
 Sash, Metallic. A. M. Lane. 1,936,631; Nov. 28.
 Sash mounting for windows. Screen or storm. P. Dietz. 1,935,020; Nov. 14.
 Sash operating device. E. L. Ackerman. 1,927,790; Sept. 19.
 Sash-operating device, Window. D. E. Ross. 1,923,233; Aug. 22.
 Sash operating device, Window. O. Wiesener. 1,938,058; Dec. 5.
 Sash operating means. Casement. J. H. Sheard. 1,913,343; June 6.
 Sash operating mechanism. E. W. Terhune. 1,916,817; July 4.
 Sash operator. Storm. P. O. Anderson. 1,922,722; Aug. 15.
 Sash pulley. E. W. North. 1,937,776; Dec. 5.
 Sash, Revolving window. Z. Ruchin. 1,896,559; Feb. 7.
 Sash roll screen. Lower. H. Dixon. 1,914,910; June 20.
 Sash securing construction. Window. J. A. Nyberg. 1,928,262; Sept. 26.
 Sash, Steel. C. F. Kuney. 1,909,111; May 16.
 Sash, Store front. A. N. McDonald. 1,900,248; Mar. 7.
 Sash tightener. H. D. Severson. 1,928,439; Sept. 26.
 Sash ventilator. H. D. Severson. 1,929,219; Oct. 3.
 Sash, Window. C. F. Kuney. 1,924,100; Sept. 5.
 Sash, Window and store. L. Michaels. 1,924,694; Aug. 29.
 Sash with concealed shades, Casement. L. Donosa. 1,930,042; Oct. 10.
 Satchel. M. Arnold. 1,895,744; Jan. 31.
 Satin white. H. R. Rafton. 1,934,640-1; Nov. 7.
 Saucepan or similar article. P. E. Willman. Des. 90,609-10; Aug. 29.
 Saucer. D. Fisher. Des. 89,890; Mar. 7.
 Sausage casing for stuffing. Preparation of. F. Friedler. 1,938,070; Dec. 5.
 Sausage feeding and linking machine. L. W. G. Flynt. 1,906,372; May 2.
 Sausage linking machine. P. A. Jacobson. 1,901,452; Mar. 14.
 Sausage linking machine, Automatic. H. A. Edwards. 1,936,354; Nov. 21.
 Sausages, Apparatus for preparing link. M. S. Koc. 1,926,154; Sept. 12.
 Sausages, Method of and apparatus for forming. C. H. Vogt. 1,925,157; Sept. 5.
 Saw. G. B. Fisher. 1,900,702; Mar. 7.
 Saw. T. R. Roberts. 1,919,748; July 25.
 Saw. W. H. Smola, sr. 1,902,671; Mar. 21.
 Saw adapter. A. A. Magri. 1,905,482; Apr. 25.
 Saw and making the same, Circular. J. P. Bem. 1,919,358; July 25.
 Saw arbors, Adjusting device for. W. B. and J. E. Bolce. 1,922,151; Aug. 15.
 Saw attachment for electric drills. W. E. Harvie. 1,898,956; Feb. 21.
 Saw attachment for tractors. A. O. Hillan. 1,920,696; Aug. 1.
 Saw blade. S. M. Taylor. 1,906,660; May 2.
 Saw blade, Hack. W. H. Shortell. 1,899,212; Feb. 28.
 Saw, Coping. D. E. Priest. 1,929,989; Oct. 10.
 Saw cylinder. J. J. Wallace. 1,934,575; Nov. 7.
 Saw, Dry ice. F. H. Streine and P. F. Rust. Des. 89,806; May 2.
 Saw filing device. J. A. Waller. 1,900,084; Mar. 7.
 Saw filing machine attachment. Gin. J. G. Brown. 1,893,322; Jan. 3.
 Saw, Flying. J. F. Lawson. 1,936,331; Nov. 21.
 Saw frame. G. J. Blum. 1,919,323; July 25.
 Saw grinding and setting machine. G. E. Trimble. 1,913,354; June 6.
 Saw grinding machine. J. E. Jirka. 1,909,832; May 16.
 Saw guide. Band. A. G. Carter. 1,929,806; Oct. 10.
 Saw handle. F. F. Busekist. 1,933,093; Oct. 31.
 Saw horse or trestle. E. J. Coffed and J. Berent. 1,935,871; Nov. 21.
 Saw, Inserted tooth. E. C. Orr. 1,936,242; Nov. 21.
 Saw jointer. C. Ross. 1,913,614; June 13.
 Saw machine, Hack. W. G. Chryst. 1,936,047; Nov. 21.
 Saw machine, Hack. C. Fletcher. 1,913,981; June 13.
 Saw mill. F. W. Horstkotte. 1,921,569; Aug. 8.
 Sawmill. J. F. McCarroll. 1,908,713; May 16.
 Sawmill. H. C. Morris. 1,938,108; Dec. 5.
 Sawmill. E. P. Tufts. 1,899,448; Feb. 28.
 Saw mill. E. H. Zanotto. 1,933,037; Oct. 31.
 Sawmill dog. E. P. Tufts. 1,905,768; Apr. 25.
 Saw miter machine. Combination circular. L. Zachara. 1,924,672; Aug. 29.
 Saw operating mechanism. E. W. K. Roe. 1,900,304; Mar. 7.
 Saw operating mechanism, Band. C. A. Wells. 1,938,200; Dec. 5.
 Saw, Planer band. H. Phillips. 1,928,073; Sept. 26.
 Saw, Portable ice. T. J. Robbins. 1,902,666; Mar. 21.
 Saw, Portable motor driven. G. E. Hampton. 1,900,553; Mar. 7.
 Saw, Safety band. A. Wine. 1,916,903; July 4.
 Saw set. F. X. Beauchesne. 1,907,233; May 2.
 Saw set. R. D. Clemson. 1,913,534; June 13.
 Saw set. E. Felsman. 1,928,975; Oct. 3.
 Saw setting device. K. A. Anderson. 1,937,182; Nov. 28.
 Saw setting device. P. L. Billingsley. 1,937,261; Nov. 28.
 Saw setting device. J. A. Waller. 1,900,083; Mar. 7.

- Saw setting machine. F. L. Zingheim. 1,924,431; Aug. 29.
- Saw sharpening machine. L. B. C. Kutz. 1,941,178; Dec. 26.
- Saw sharpening tool. L. Olas. 1,906,881; May 2.
- Saw. Stone. J. W. and J. A. Simmons. 1,903,518; Apr. 11.
- Saw-swage. D. E. Gonnal. 1,915,225; June 20.
- Saw teeth, Device for swaging. W. C. Tesch. 1,924,171; Aug. 29.
- Saw tooth, Insertable. F. Bley. 1,908,107; May 9.
- Saw tooth shaper. D. E. Gommel. 1,909,268; May 16.
- Saw welding clamp. G. H. Clark. 1,930,642; Oct. 17.
- Sawing machine. J. A. Miller. 1,933,531; Oct. 31.
- Sawing machine attachment. C. M. Lamb. 1,940,310; Dec. 19.
- Sawing machine, Automatic take-off and trap for a. A. D. Osborn and S. M. Taylor. 1,907,564; May 9.
- Sawing machine, Metal. J. S. Toohy and M. E. Erskine. 1,909,598; May 16.
- Sawing rig. C. J. Pettibone. 1,909,314; May 16.
- Saws, Method and apparatus for making band. A. M. Remington. 1,921,039; Aug. 8.
- Saws, Producing. O. Mitchell. 1,902,177; Mar. 21.
- Saxophone Slide. M. Juhn. 1,895,761; Jan. 31.
- Scaffold. C. H. Adams. 1,922,069; Aug. 15.
- Scaffold. C. Bonnet. 1,901,726; Mar. 14.
- Scaffold. J. J. Masterson. 1,929,325; Oct. 3.
- Scaffold. P. J. Piccirilli. 1,934,000; Nov. 7.
- Scaffold. H. C. Wertz. 1,927,908; Sept. 26.
- Scaffold, Adjustable folding. C. Vanhorn. 1,904,808; Apr. 18.
- Scaffold poles and the like, Device for connecting. I. Rich. 1,941,418; Dec. 26.
- Scaffold, Swinging. C. A. Weir. 1,923,465; Aug. 22.
- Scaffold, Window. C. H. Farley. 1,928,124; Sept. 26.
- Scaffold, Window. J. L. Mallory and J. V. Daniel. 1,897,810; Feb. 14.
- Scaffolding. H. S. Geer. 1,919,016; July 18.
- Scaffolding. J. A. Hershey. 1,905,626; Apr. 25.
- Scaffolding. A. Kolvoord. 1,896,688; Feb. 7.
- Scaffolding. J. T. Mansfield. 1,918,116; July 11.
- Scaffolding, Portable. J. Martin. 1,912,947; June 6.
- Scaffolding. R. J. Tobin and G. A. Tobin. 1,937,608; Dec. 5.
- Scale. J. W. Bryce. 1,916,962; July 4.
- Scale. R. D. Budlong. Des. 89,843; May 9.
- Scale. H. M. Cameron. 1,903,955; Apr. 18.
- Scale. H. Carlson. 1,893,858; Jan. 10.
- Scale. N. A. Hallwood. 1,892,729; Jan. 3.
- Scale. H. Hoyer. Des. 89,508; Mar. 21.
- Scale. C. A. Lindsay. 1,921,979; Aug. 8.
- Scale. D. C. Rockola. 1,916,234; July 4.
- Scale. S. Templeton. 1,918,877; July 18.
- Scale. M. J. Weber. 1,900,964; Mar. 14.
- Scale. M. J. Weber. 1,920,332; Aug. 1.
- Scale and loud speaker, Combined weighing. R. L. Rivas and E. Iribarne. 1,924,652; Aug. 29.
- Scale attachment. W. Gumpich. 1,897,027; Feb. 7.
- Scale, Automatic weight indicating. H. C. Schaper. 1,904,542; Apr. 18.
- Scale, Bathroom. I. Florman. 1,915,222; June 20.
- Scale, Bathroom. T. J. Little, jr. 1,928,065; Sept. 26.
- Scale, Bathroom. H. L. van Doren. Des. 91,151; Dec. 5.
- Scale, Beam. J. E. Seeder. 1,900,418; Mar. 7.
- Scale beam gauge. W. W. Smith. 1,935,674; Nov. 21.
- Scale bearing. W. M. Gilbert. 1,930,268; Oct. 10.
- Scale bearing member. W. Gumpich. 1,933,259; Oct. 31.
- Scale, Boom. S. G. Murray and J. De Lotto. 1,925,773; Sept. 5.
- Scale, Combined weighing and counting. H. O. Hem. 1,908,350; May 9.
- Scale, Computing. F. L. Fuller. 1,902,066; Mar. 21.
- Scale, Counter. T. H. Strachan. 1,896,258; Feb. 7.
- Scale device. E. J. Von Peln. 1,939,091; Dec. 12.
- Scale, Electric automatic recording. J. G. Garrity and E. L. McCarthy. 1,904,784; Apr. 18.
- Scale, Electrically operated weighing. G. E. Platzler. 1,923,745; Aug. 22.
- Scale, Estimating. N. W. Schroeder and C. E. Hartsing. 1,907,677; May 9.
- Scale, Even balance. C. E. Breaden. 1,896,281; Feb. 7.
- Scale, Even balance. C. C. Neale. 1,933,277; Oct. 31.
- Scale, Health. A. Bousfield. Des. 88,852; Jan. 3.
- Scale in annealing furnaces, Preventing. A. H. Shonk-wiler and J. W. Macklin. 1,899,776; Feb. 28.
- Scale in boilers and the like, Preventing the formation of. W. C. Foulds. 1,927,027; Sept. 19.
- Scale incrustations, oil and the like in water receptacles, Removing. H. Bizzoni and P. Lent. 1,917,489; July 11.
- Scale, Infant. A. Bousfield. Des. 88,853; Jan. 3.
- Scale, Infant. A. Bousfield. 1,892,718; Jan. 3.
- Scale, Low type even balance counter. H. M. Cameron. 1,905,898; Apr. 25.
- Scale, Measuring. H. M. and G. C. Hoskin. 1,904,234; Apr. 18.
- Scale, Preventing the formation of. J. Lloyd. 1,916,677; July 4.
- Scale, Recording. H. A. Hadley. 1,892,726; Jan. 3.
- Scale, Weighing. C. E. Breaden. 1,904,614; Apr. 18.
- Scale, Weighing. F. E. Carlson. 1,932,616; Oct. 31.
- Scale, Weighing. T. B. Flanagan. 1,894,442; Jan. 17.
- Scale, Weighing. E. Fletcher. 1,899,436; Feb. 28.
- Scale, Weighing. W. Gumpich. 1,909,580; May 16.
- Scale, Weighing. S. L. Hanssen. 1,902,233; Mar. 21.
- Scale, Weighing. S. F. Mashbir. 1,914,973; June 20.
- Scale, Weighing. A. Pollak. 1,895,863; Jan. 31.
- Scale, Weighing. E. A. Reussenzehn. 1,902,100; Mar. 21.
- Scale, Weighing. F. A. Schmitz. 1,893,041; Jan. 3.
- Scale, Weighing. V. F. Slezak. 1,898,146; Feb. 21.
- Scale, Weighing. M. H. Starr. 1,894,009; Jan. 10.
- Scale, Weighing. W. F. Stimpson. 1,897,446; Feb. 14.
- Scale, Weighing. M. Tucker. Des. 90,899; Oct. 17.
- Scale, Weighing. S. Vernet and A. J. Haynes. 1,895,502; Jan. 31.
- Scales. N. A. Hallwood. 1,908,236; May 9.
- Scales. L. S. Smithers. 1,896,255; Feb. 7.
- Scales and graphic nets, Device for adjusting, altering, and changing. A. Troche. 1,915,038; June 20.
- Scales and sales apparatus, Combination of automatic weighing. M. Roskin and J. Dayenoff. 1,916,074; June 27.
- Scales, Even balance. W. N. Gilbert. 1,896,301; Feb. 7.
- Scalp cooler. T. K. Ludlow. 1,933,273; Oct. 31.
- Scalp treating device. C. V. Jameson. 1,903,646; Apr. 11.
- Scanning apparatus and making same. L. P. Garner. 1,907,057; May 2.
- Scanning apparatus for television. H. S. Baird. 1,903,809; May 16.
- Scanning device, Multiple. B. W. Woodward. 1,938,990; Dec. 12.
- Scanning element for use in television systems. T. A. Smith. 1,895,087; Jan. 24.
- Scanning method and apparatus. C. J. Keogan. 1,897,483; Feb. 14.
- Scarf. A. N. Bachrach. 1,936,045; Nov. 21.
- Scarf. W. L. Blayney. 1,901,725; Mar. 14.
- Scarf. J. S. Finger. 1,906,846; May 2.
- Scarf. M. A. and J. M. Green. 1,916,507; July 4.
- Scarf for electric arc welding thick metal articles. A. W. Priebe. 1,921,242; Aug. 8.
- Scarf or similar article. J. Maisch. Des. 89,203; Feb. 7.
- Scarf or similar article, Embroidered fabric. M. F. Gantz. Des. 91,109; Nov. 28.
- Scarifier and scraper for trucks, Combined. E. A. Weeks. 1,929,799; Oct. 10.
- Scatter load for shotgun shells. D. Barbieri. 1,941,336; Dec. 26.
- Scenic display apparatus, Automatic. J. Cage. 1,910,213; May 23.
- Schedule indicator. C. B. Adams. 1,930,989; Oct. 17.
- School traffic gate. M. E. Denny. 1,933,244; Oct. 31.
- Scissors. C. Driest. 1,892,877; Jan. 3.
- Scissors, Folding. W. F. Moody. 1,935,812; Nov. 21.
- Scissors, Surgical claw. H. B. Balthaser. 1,904,399; Apr. 18.
- Scollotone. G. A. Massack. 1,931,990; Oct. 24.
- Scoop, Mechanically operated. W. Geuloff. 1,915,730; June 27.
- Scoop, Weighing. R. F. Shipman. 1,913,296; June 6.
- Scoop, Wheeled. J. E. Patterson. 1,897,509; Feb. 14.
- Scoter, Child's. H. L. van Doran and J. G. Rideout. Des. 91,256; Dec. 26.
- Score and tally device. J. J. Griffin. 1,894,093; Jan. 10.
- Scoreboard for bowling alleys. J. D. Silberman. 1,938,980; Dec. 12.
- Score board, Illuminated. H. D. Mayhugh. 1,940,004; Dec. 19.
- Score keeping device. J. L. Balch. 1,924,479; Aug. 29.
- Score pad and game score indicator, Combined. R. F. Wilson. 1,940,781; Dec. 26.
- Score pad displaying and supporting device for card tables. L. A. Marsh. 1,900,513; Mar. 7.
- Score pad displaying and supporting device for card tables. L. A. Marsh. 1,931,233; Oct. 17.
- Scoring device. R. T. Scully. 1,900,401; Mar. 7.
- Scoring device for contract bridge. H. Heering. 1,921,673; Aug. 8.
- Scoring machine. H. C. Kinney. 1,929,893; Oct. 10.
- Scotch block. S. W. Hayes. 1,910,389; May 23.
- Scouring and polishing implement. G. W. Schodde. 1,914,533; June 20.
- Scouring device. S. M. Bookman. 1,899,552; Feb. 28.
- Scouring implement. R. B. Kingman. 1,937,577; Dec. 5.
- Scouring pad. S. Wallace. 1,897,778; Feb. 14.
- Scouring pad and method of making. W. H. Robbins. 1,932,752; Oct. 31.
- Scow, Dump. A. J. Dawson and A. C. Leigh. 1,941,290; Dec. 26.
- Scows, Dump pocket for. W. A. Session. 1,899,592; Feb. 28.
- Scrap bunch and turret molding machine, Combined. J. F. Halstead. 1,936,110; Nov. 21.
- Scrap bunch feed. H. E. Carlson. 1,926,227; Sept. 12.
- Scrap bunch feed mechanism. R. E. Rundell. 1,916,017; June 27.
- Scrap bunch machine. F. C. Gladeck and J. P. Durning. 1,915,525; June 27.
- Scraper. I. L. Long. 1,911,700; May 30.
- Scraper. E. B. Maloon. 1,916,864; July 4.
- Scraper. R. J. McGhee. 1,900,189; Mar. 7.
- Scraper. W. Potter. 1,903,877; Apr. 18.
- Scraper. C. A. Schacht. 1,898,747; Feb. 21.
- Scraper. C. Stichter. 1,940,107; Dec. 19.
- Scraper. A. L. Stowell. 1,906,657; May 2.
- Scraper. A. L. Stowell. 1,917,779; July 11.
- Scraper and cleaner for tractor wheels. K. von Brethorst. 1,932,054; Oct. 24.
- Scraper attachment for tractor wheels. W. B. Thiemann. 1,917,673; July 11.

- Scraper blade, Detachable road. O. E. Pearch. 1,937,243; Nov. 28.
- Scraper device for drum type filtering machines. W. E. Hadley. 1,927,979; Sept. 26.
- Scraper, Dish. C. A. Schacht. 1,898,690; Feb. 21.
- Scraper, Dish. C. A. Schacht. 1,919,865; July 25.
- Scraper, Floor. D. Johnson and G. Larson. 1,931,926; Oct. 24.
- Scraper for ice-cream freezers. E. Thompson. 1,934,283; Nov. 7.
- Scraper for shaft bearings. R. T. Steindorf. 1,901,851; Mar. 14.
- Scraper having power control, Rotary. H. Ricks, jr. 1,907,157; May 2.
- Scraper, Hydraulic. G. E. Dean. 1,921,221; Aug. 8.
- Scraper, Hydraulic wheel. O. W. Sjogren and J. A. Vaughn. 1,899,118; Feb. 28.
- Scraper of the wheel type, Revolving. O. W. Sjogren and J. A. Vaughn. 1,892,907; Jan. 3.
- Scraper, Road. G. E. Dean. 1,925,306; Sept. 5.
- Scraper, Road. C. L. Jordan. 1,911,511; May 30.
- Scraper, Road. E. L. Schermerhorn. 1,919,260; July 25.
- Scraper, Road. M. C. Silva. 1,918,669; July 18.
- Scraper, Roll-over. R. L. Harrison. 1,924,359; Aug. 29.
- Scraper, shovel and broom, Combined pan. J. Williams. 1,922,998; Aug. 15.
- Scraper, Tractor. J. R. Ritchie. 1,898,312; Feb. 21.
- Scraper, Tractor. H. Tonjes, jr. 1,892,817; Jan. 3.
- Scraper, Tractor wheel. R. Nicewander and V. C. Peterson. 1,933,679; Nov. 7.
- Scraper, Wall-paper. M. Willadsen. 1,919,351; July 25.
- Scraper, Wheeled. J. A. Dershem. 1,933,662; Nov. 7.
- Scraper with power tilt mechanism. C. Le Bleu. 1,911,629; May 30.
- Scraping and cleaning implement. E. De Nio. 1,902,766; Mar. 21.
- Scraping device for windshields. S. G. Kleven. 1,938,840; Dec. 12.
- Scraping machine, Subgrade. E. G. Carr. 1,897,790; Feb. 14.
- Scrappling, Canning. F. A. Vogt. 1,926,185; Sept. 12.
- Screed holder. W. E. Prindle. 1,909,984; May 23.
- Screen: See—
- Display screen.
 - Fireplace guard screen.
 - Fireplace screen.
 - Fly screen.
 - Glare screen.
 - Horn screen.
 - Motion picture screen.
 - Motor vehicle screen.
 - Oil pump screen.
 - Photographic screen.
 - Picture screen.
 - Pipe screen.
 - Portable screen.
 - Projecting screen.
 - Projection screen.
 - Pulp screen.
 - Sash roll screen.
 - Shaking screen.
 - Spark screen.
 - Traveling water screen.
 - Ventilator screen.
 - Vibrating screen.
 - Vibratory screen.
 - Wall screen.
 - Water screen.
 - Weather screen.
 - Well screen.
 - Window screen.
 - Wire screen.
 - X-ray intensifying screen.
- Screen. G. W. Carlson. 1,897,418; Feb. 14.
- Screen. T. Hirose and T. Kitnoka. 1,909,467; May 16.
- Screen. E. E. Parsonage. 1,895,341; Jan. 24.
- Screen. W. W. Watson. 1,923,346; Aug. 22.
- Screen and making it, Moving-picture. H. K. Hitchcock. 1,934,802; Nov. 14.
- Screen and retaining member for sensitized material, Combined focusing. E. Weisker. 1,901,423; Mar. 14.
- Screen and sash fastener. N. L. Nelson. 1,928,734; Oct. 3.
- Screen and shade mounting. W. F. and M. S. Lahey. 1,908,989; May 16.
- Screen and sifter, Automatic ash. J. A. Wiles. 1,909,599; May 16.
- Screen and structure, Window. H. R. Noyes. 1,905,421; Apr. 25.
- Screen and suspension frame, Rolling window. A. M. Rubin. 1,892,787; Jan. 3.
- Screen and the like, Casement. K. F. Jorss. 1,940,055; Dec. 19.
- Screen assembly for grinding mills. O. N. Gredell. 1,928,887; Oct. 3.
- Screen, Attaching a. R. W. Zimmerman. 1,931,786; Oct. 24.
- Screen box, Fine mesh. E. C. Berghoefer. 1,932,920; Oct. 31.
- Screen construction, Window. C. E. Galeener. 1,917,579; July 11.
- Screen device. C. A. Browne. 1,913,313; June 6.
- Screen for automobile doors, Window. E. T. Pousha and D. Massel. 1,906,237; May 2.
- Screen for color photography. J. R. Robertson. 1,911,584; May 30.
- Screen for cotton cleaners. A. S. Mackenzie. 1,935,745; Nov. 21.
- Screen for granular materials. C. A. Scott. 1,896,595; Feb. 7.
- Screen for paper stock and the like. W. B. Clements and G. P. Burggraf. 1,919,201; July 25.
- Screen for photographic purposes, photo-mechanical printing processes and the like. A. R. Trist. 1,896,567; Feb. 7.
- Screen for window frames, Making a steel. L. F. Julien. 1,934,765; Nov. 14.
- Screen frame. L. J. Milone. 1,932,418; Oct. 31.
- Screen grating for the simultaneous two-directional transmission of ultra-short waves. R. H. Darbord. 1,938,066; Dec. 5.
- Screen grid vacuum tube. P. E. Edelman. 1,927,629; Sept. 19.
- Screen, Making woven wire. H. E. Brown and J. Boehm. 1,920,495; Aug. 1.
- Screen or shade operating means. A. J. Hixon. 1,896,623; Feb. 7.
- Screen plate. A. D. Hoyle and F. B. Olson. 1,937,274; Nov. 28.
- Screen plate. E. Hutchens. 1,940,952; Dec. 26.
- Screen protecting device. C. Traut. 1,918,940; Sept. 5.
- Screen stile. P. G. Johnson. 1,929,692; Oct. 10.
- Screening apparatus. M. P. Reynolds. 1,906,336; May 2.
- Screening apparatus. S. D. Robins. 1,923,229; Aug. 22.
- Screening apparatus. L. E. Soldan. 1,919,485; July 25.
- Screening device. G. W. Rlenks. 1,899,292; Feb. 28.
- Screens, Making. S. B. Stine. 1,922,828; Aug. 15.
- Screens, Making fluorescent. A. Knabner. 1,909,365; May 16.
- Screens, Producing photographic. V. von Gerdanovits. 1,899,248; Feb. 28.
- Screens, Repairing and securing. R. W. Friday. 1,927,826; Sept. 26.
- Screw: See—
- Sectional pipe screw.
 - Set screw.
- Screw. W. F. Flesselles. 1,934,347; Nov. 7.
- Screw. D. M. May. 1,933,332; Oct. 31.
- Screw. J. P. Thompson. 1,908,080; May 9.
- Screw, Air. C. E. McGuire. 1,910,622; May 23.
- Screw assembly for radio plugs, Center wire. H. Rabezana. 1,927,297; Sept. 19.
- Screw broaching machine, Hydraulic. F. J. Lapointe. 1,929,593; Oct. 10.
- Screw cap. E. B. Kramer. 1,900,881; Mar. 7.
- Screw caps, Process and apparatus for manufacture of. E. B. Kramer. 1,900,880; Mar. 7.
- Screw, Coal feed. E. G. Baer. 1,922,023; Aug. 15.
- Screw, Combination machine and wood. E. F. Hunt. 1,897,196; Feb. 14.
- Screw cutting machine. H. W. Ruppel. 1,927,419; Sept. 19.
- Screw drive for grinding machines, Lead. S. W. Bath. 1,922,520; Aug. 15.
- Screw driver. L. Müller. 1,915,546; June 27.
- Screw driver. J. O. Stewart. 1,912,317; May 30.
- Screw driver. J. P. Thompson. 1,908,081; May 9.
- Screw driver. G. Wickbergh. 1,899,489; Feb. 28.
- Screw driver attachment. E. Krull. 1,939,268; Dec. 12.
- Screw driver attachment. C. B. Wells and L. G. Sylvester. 1,918,944; July 18.
- Screw driver, Interchangeable bladed. J. K. Roff. 1,935,748; Nov. 21.
- Screw driver with screw holders. H. C. Humes and G. L. Robinson. 1,925,385; Sept. 5.
- Screw element, Self-locking coupled. W. E. Hoke. 1,905,869; Apr. 25.
- Screw for air vehicles, Lifting air. S. P. Vaughn. 1,927,966; Sept. 26.
- Screw gear. F. Kuba. 1,903,053; Mar. 28.
- Screw head. J. F. Fieg. 1,894,034; Jan. 10.
- Screw head slotting machine. H. Hubbell, jr. 1,931,699; Oct. 24.
- Screw holding device. P. L. Stenman. 1,934,568; Nov. 7.
- Screw jack. R. O. Berg. 1,917,919; July 11.
- Screw jack. C. A. Pice. 1,914,286; June 13.
- Screw locking element. C. G. Olson. 1,900,195; Mar. 7.
- Screw making machine. R. S. Crosby and C. W. Sponsel. 1,902,117; Mar. 21.
- Screw propeller. P. Levasseur. 1,921,931; Aug. 8.
- Screw propeller. R. O. Mattson. 1,915,685; June 27.
- Screw-propellers, Apparatus for changing the pitch-angle of reversible-blade. M. D. Thompson. 1,898,697; Feb. 21.
- Screw, Self-tapping. G. C. Trotter. 1,909,476; May 16.
- Screw, Slotted socket. P. L. Robertson. 1,910,182; May 23.
- Screw, Tapping. G. C. Trotter. 1,909,477; May 16.
- Screw-thread caliper gauge. K. E. Summers. 1,925,346; Sept. 5.
- Screw thread device. F. Carthidge. 1,937,547; Dec. 5.
- Screw thread gauge. R. O. Beardsley. 1,939,643; Dec. 19.
- Screw thread gauge. J. Hartness. 1,905,705; Apr. 25.
- Screw-thread gauge. J. Hartness. 1,917,301; July 11.
- Screw-threaded members, Forming. H. G. H. Linnenbruegge. 1,922,639; Aug. 15.
- Screw threading machine. W. G. Bambridge. 1,933,405; Oct. 31.
- Screw threading machine. P. Kiefert and P. Peter. 1,913,930; June 13.
- Screw threads, Cutting external. R. Thomson. 1,936,696; Nov. 28.
- Screw threads, Gauging of. J. Hartness. 1,922,849; Aug. 15.
- Screw tops, Device for removing. H. J. Edlund. 1,894,556; Jan. 17.
- Screwless holder. J. J. Flynn. 1,901,366; Mar. 14.
- Screws and bolts, Making. C. Kaufman. 1,933,737; Nov. 7.
- Screws and conveyers, Apparatus for forming feed. H. J. Georgen. 1,926,092; Sept. 12.
- Screws, Forming. M. H. Flynn. 1,909,147; May 16.

- Screws, Making conveyer. F. C. Pickard. 1,939,080; Dec. 12.
- Screws, Manufacturing. C. O. J. Montelius. 1,918,861; July 13.
- Screws, Means to prevent loss of. E. G. K. Anderson. 1,927,780; Sept. 19.
- Screws, Roll-threading and pointing. P. L. Robertson. 1,913,143; June 6.
- Scribe, Projecting. P. C. Timm. 1,897,407; Feb. 14.
- Scrubbing machine. F. E. Walter. 1,910,727; May 23.
- Scuttle, Ship's. R. Duchoux. 1,897,693; Feb. 14.
- Scythe. T. D. Crane. 1,929,838; Oct. 10.
- Scythe blade and snath. J. M. Wilkinson. 1,935,826; Nov. 21.
- Scythe snath. S. J. Birge. 1,929,964; Oct. 10.
- Seaplane. B. V. Korvin-Kroukovsky. 1,894,919; Jan. 17.
- Seaplane. R. J. Norton. 1,906,712; May 2.
- Sea wall. H. W. Schlueter. 1,893,003; Jan. 3.
- Sea wall. J. R. Wemlinger and W. C. Disbrow, jr. 1,907,135; May 2.
- Seal. M. H. Ackerman. 1,900,849; Mar. 7.
- Seal. B. Borland. 1,905,139; Apr. 25.
- Seal. W. M. Brooks. 1,934,341; Nov. 7.
- Seal. F. Keidel. 1,930,560; Oct. 17.
- Seal. F. T. Macklin and D. G. Fries. 1,909,203; May 16.
- Seal. W. J. McKittrick. 1,941,042; Dec. 26.
- Seal, All aluminum packet. E. J. Rantsch. 1,916,636; July 4.
- Seal and label, Combined. J. Epst. 1,911,120; May 23.
- Seal and producing the same, Quartz. E. O. Erickson. 1,922,536; Aug. 15.
- Seal and spring, Oil. E. Widin. 1,893,814; Jan. 10.
- Seal, Antipilferage. A. G. Schurman. 1,920,152; July 25.
- Seal, Arched cap bottle. W. J. Hawkins. 1,927,212; Sept. 19.
- Seal, Brake. F. O. Hochmuth and C. F. Otto. 1,938,905; Dec. 12.
- Seal, Car. L. Q. Moore. 1,913,814; June 13.
- Seal, Container closure. W. C. Grosser. 1,915,309; 1,913,930; June 13.
- Seal, Dust. R. R. Searles and H. R. Reynolds. 1,918,988; July 18.
- Seal for barrels and the like. J. W. Shera. 1,910,410; May 23.
- Seal for barrels, Bung. T. W. Rieke. 1,915,254; June 20.
- Seal for compressors. M. E. Joyce. 1,897,937; Feb. 14.
- Seal for cream tubes, Automatic. A. Rack. 1,913,509; June 13.
- Seal for driers, Vacuum. A. N. Russell. 1,924,883; Aug. 29.
- Seal for electrolytic condensers. J. E. Lillienfeld. 1,920,799; Aug. 1.
- Seal for floating roofs. C. L. Day. 1,932,398; Oct. 31.
- Seal for floating roofs. F. G. Hampton. 1,930,953; Oct. 17.
- Seal for gas holders, Liquid. K. Jagschitz. 1,924,281; Aug. 29.
- Seal for gems. A. Bulova. 1,902,830; Mar. 28.
- Seal for impeller shafts of centrifugal and rotary pumps, Liquid. F. C. Powell. 1,931,706; Oct. 24.
- Seal for joints of furnaces, Self-adjusting. E. J. Franklin. 1,896,486; Feb. 7.
- Seal for relatively rotating parts, Fluid. H. E. Fritz. 1,925,898; Sept. 5.
- Seal for rotary apparatus, Liquid. J. P. Powell. 1,934,628; Nov. 7.
- Seal for rotary drums, Air. J. W. Schlegel and E. A. Claus. 1,895,348; Jan. 24.
- Seal for rotatable members, Fluid. E. A. Murphy. 1,919,248; July 25.
- Seal for storage battery containers. C. C. Wallace. 1,897,597; Feb. 14.
- Seal for tunnel kilns, Sand. E. B. Forse and C. F. Geiger. 1,898,042; Feb. 21.
- Seal for vaults, Cover. C. Streib. 1,936,122; Nov. 21.
- Seal for vertical coking retort, Closure. C. Mintner. 1,918,860; July 18.
- Seal for vitreous articles. F. S. McCullough. 1,897,761; Feb. 14.
- Seal for vitreous articles. F. S. McCullough. 1,937,706; Dec. 5.
- Seal, Lubricant. W. A. Mulhern. 1,918,121; July 11.
- Seal, Meter tag identification. F. B. Thomson and S. D. Sprong. 1,916,448; July 4.
- Seal, Mud drum. M. Liptak. 1,900,019; Mar. 7.
- Seal, Mud-drum. M. Liptak. 1,901,462; Mar. 14.
- Seal, Oil. R. W. Chandler. 1,905,800; Apr. 25.
- Seal, Oil. R. J. Gits. 1,925,729; Sept. 5.
- Seal, Oil. C. W. Marsh. 1,901,606; Mar. 14.
- Seal, Oil. E. A. Rockwell. 1,896,378; Feb. 7.
- Seal, Pipe plug. J. J. Kolomyjce. 1,932,700; Oct. 31.
- Seal press. E. J. Rantsch. 1,894,921; Jan. 17.
- Seal, Radiator. N. L. Broome. 1,930,157; Oct. 10.
- Seal, Sand protected by-pass. J. A. Wintroath. 1,924,203; Aug. 29.
- Seal, Self container oil. E. A. Braden. 1,893,012; Jan. 3.
- Seal, Self locking. E. Dietze. 1,932,101; Oct. 24.
- Seal, Shaft. H. E. Cullen and H. O. Ronning. 1,923,915; Aug. 22.
- Seal, Sleeve. A. Schmidt, Jr. 1,906,816; May 2.
- Seal, Soldier. M. Etherton. 1,908,700; May 16.
- Seal, Temper-proof. E. E. Hogg. 1,908,245; May 9.
- Seal, Transparent. F. W. Humphner. 1,922,767; Aug. 15.
- Sealed bearing. P. C. Wego. 1,905,666; Apr. 25.
- Sealed can. H. Sebell. 1,932,233; Oct. 24.
- Sealed coupling. J. H. Denny. 1,894,943; Jan. 24.
- Sealer, Fruit jar. M. Lippens. 1,918,921; July 18.
- Sealing a container. H. Sebell. 1,918,196; July 11.
- Sealing action of fluid sealed glands, Improving the. W. van Rijswijk. 1,932,995; Oct. 31.
- Sealing and dispensing device for oil drums and the like. J. F. Cheney. 1,894,732; Jan. 17.
- Sealing and identifying device for display holders. G. A. Fisher. 1,914,773; June 20.
- Sealing and release device for carbon dioxide fire systems. A. C. Rowley. 1,900,764; Mar. 7.
- Sealing and thrust balancing means. W. H. Carrier. 1,903,210; Mar. 28.
- Sealing apparatus for cartons. J. W. Fay. 1,895,617; Jan. 31.
- Sealing closure caps on bottles and other containers. G. W. Horner and J. E. Sharp. 1,895,884; Jan. 31.
- Sealing composition. R. R. Grant. 1,906,749; May 2.
- Sealing construction for tanks. D. D. Williams. 1,903,306; Apr. 4.
- Sealing device. E. G. Clark. 1,911,060; May 23.
- Sealing device. F. B. Doyle. 1,927,543; Sept. 19.
- Sealing device. R. B. Fageol and W. E. Leibing. 1,931,723-4; Oct. 24.
- Sealing device. W. G. G. Godron. 1,936,430; Nov. 21.
- Sealing device. R. L. Heeren and C. W. Stevens. 1,908,241; May 9.
- Sealing device. H. Hornschuch. 1,932,214; Oct. 24.
- Sealing device. F. Keidel. 1,930,559; Oct. 17.
- Sealing device. W. E. Leibing. 1,931,733; Oct. 24.
- Sealing device. R. C. McAllister. 1,914,891; June 20.
- Sealing device. F. H. Morehead. 1,926,107; Sept. 12.
- Sealing device. H. Watson. 1,916,451-2; July 4.
- Sealing device. A. E. Weis. 1,898,278; Feb. 21.
- Sealing device and resilient thrust washer. V. P. Williams. 1,929,009; Oct. 3.
- Sealing device for closed containers. F. M. Shoop. 1,904,091; Apr. 18.
- Sealing disk for milk bottles and like containers. W. H. Weguelin. 1,931,595; Oct. 24.
- Sealing-in. D. S. Gustin. 1,915,361; June 27.
- Sealing machine. C. T. Braren. 1,938,654; Dec. 12.
- Sealing material for gas holders and using the same. E. Laue. 1,932,825; Oct. 31.
- Sealing material to laminated glass, Process and apparatus for applying edge. T. G. Wright. 1,916,743; July 4.
- Sealing means. W. M. Brooks. 1,937,743; Dec. 5.
- Sealing means. O. O. Oppenlaender and R. H. Carter. 1,903,242; Mar. 28.
- Sealing means, Automatic pressure. H. H. Purvis. 1,904,250; Apr. 18.
- Sealing means for car doors. A. Wasberg. 1,911,658; May 30.
- Sealing means for engines. S. B. Smith. 1,913,732; June 13.
- Sealing means for floating roofs for tanks. J. M. Cranz. 1,893,162; Jan. 3.
- Sealing-off and dumping mechanism for exhaust machines. C. Bisler. 1,936,426; Nov. 21.
- Sealing ring. J. M. Dodge and P. Oakland. 1,916,659; July 4.
- Sealing ring. F. J. Walsh. 1,921,555; Aug. 8.
- Sealing strip. E. W. North. 1,928,604; Sept. 26.
- Sealing strip for doors, Adjustable. F. C. Wilson. 1,940,382; Dec. 19.
- Sealing structure, Terminal post. G. H. B. West. 1,914,904; June 20.
- Sealing tool. R. T. Edwards. 1,901,903; Mar. 21.
- Sealing tool. R. T. Edwards. 1,924,844-5; Aug. 29.
- Sealing tool. J. M. McGregor and A. Ericsson. 1,893,901; Jan. 10.
- Sealing tool. M. C. Taylor. 1,897,511; Feb. 14.
- Seals, Producing quartz. E. O. Erickson. 1,922,535; Aug. 15.
- Seam. C. W. Mueller. 1,903,933; Apr. 18.
- Seam detector, Selective. C. G. Richardson. 1,920,916; Aug. 1.
- Seam finishing machine. P. R. Glass. 1,920,253; Aug. 1.
- Seam for drier felts and making same. G. F. Putvin. 1,903,406; Apr. 4.
- Seam for sewed articles. C. F. Rubel. 1,934,328; Nov. 7.
- Seam, Lock joint. C. E. Ruppelt. 1,934,330; Nov. 7.
- Seam pressing machine. W. Hamann. 1,922,288; Aug. 15.
- Seam pressing machine. R. J. Holmes. 1,929,380; Oct. 3.
- Seam pressing machine. W. P. Osgood. 1,899,050; Feb. 28.
- Seam pressing machine. W. P. Osgood. 1,928,654; Oct. 3.
- Seam-reducing machine. W. P. Osgood. 1,940,436; Dec. 19.
- Seam reinforcement. W. W. Rowe. 1,915,202; June 20.
- Seaming and pinking machine, Combined. H. F. Gruman. 1,909,346; May 16.
- Seaming head for closing machines. A. L. Kronquest. 1,906,162; Apr. 25.
- Seaming machine. J. Peyser. 1,940,098; Dec. 19.
- Seams, Forming back. W. P. Osgood. 1,899,049; Feb. 28.
- Seams in wire fabrics, Producing. W. E. Buchanan. 1,895,605; Jan. 31.
- Seams, Method of and apparatus for sewing. L. L. Almond, R. Herrington, and F. A. Matthews. 1,904,398; Apr. 18.

- Seams, Method of and machine for sealing. F. T. Robinson. 1,931,629; Oct. 24.
- Searchlight, Open type. P. R. Bassett. 1,929,159; Oct. 3.
- Seat. *See*—
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| Adjustable seat. | Furniture seat. |
| Adjustable supported seat. | Spring heel seat. |
| Adjustably supported seat. | Spring seat. |
| Automobile seat. | Toilet seat. |
| Car seat. | Tube seat. |
| Chair or stool seat. | Valve seat. |
| Collapsible auxiliary seat. | Vehicle seat. |
| Cushioned seat. | Window seat. |
- Seat. G. H. Curtiss. 1,937,055; Nov. 28.
- Seat. G. Flintermann. 1,902,631; Mar. 21.
- Seat. W. M. Hanson. 1,906,061; Apr. 25.
- Seat. W. T. Hardester. 1,934,307; Nov. 7.
- Seat. C. A. Hawkins. 1,898,444; Feb. 21.
- Seat. A. E. Hickman. 1,929,023; Oct. 3.
- Seat. E. L. Johnson. 1,902,367; Mar. 21.
- Seat. H. A. Lamplugh. 1,916,056; June 27.
- Seat. L. J. Wyville and C. G. Carlson. Des. 90,745; Sept. 19.
- Seat and back, Car. G. Ingle. 1,929,024; Oct. 3.
- Seat and concealed table. S. Isaif. 1,914,721; June 20.
- Seat and mechanism for operating the same. Rumble. J. Zucca. 1,895,832; Jan. 31.
- Seat assembly, Adjustable. A. P. Ball. 1,893,531; Jan. 10.
- Seat-back control. S. Paul. 1,899,880; Feb. 28.
- Seat back support. F. C. Bitzenburger. 1,926,259; Sept. 12.
- Seat construction. A. P. Ball. 1,920,052; July 25.
- Seat construction. B. S. Floraday. 1,921,224; Aug. 8.
- Seat construction. L. H. Gazarian. 1,912,576; June 6.
- Seat construction. S. Ruskak. 1,899,726; Feb. 28.
- Seat construction, Adjustable. A. L. Nelson and F. W. Pease. 1,899,585; Feb. 28.
- Seat construction for furniture. W. Westphal. 1,926,357; Sept. 12.
- Seat construction, Heavy duty. A. W. Moske. 1,923,739; Aug. 22.
- Seat cover. D. and W. M. Lanspa. 1,911,517; May 30.
- Seat cover. E. Witteoff. 1,927,331; Sept. 19.
- Seat cover, Removable automobile. H. A. Sallop. 1,909,901; May 16.
- Seat covering. H. A. Sallop. 1,917,904; July 11.
- Seat for automobiles and the like, Cushion. M. Stubnitz. 1,938,561; Dec. 5.
- Seat for automobiles, Back. A. Boller. 1,896,477; Feb. 7.
- Seat for busses, Aisle. G. H. Scragg. 1,922,502; Aug. 15.
- Seat for cleaning windows. O. L. Weiler. 1,921,401; Aug. 8.
- Seat for tractors, Adjustable. T. Brown. 1,932,241; Oct. 24.
- Seat for vehicles, Convertible. L. E. Hirschfeld. 1,928,177; Sept. 26.
- Seat hanger, Ball bearing. W. A. Gedris. 1,898,176; Feb. 21.
- Seat inclosure, Rumble. J. F. Lynch. 1,909,876; May 16.
- Seat or chair, Reversible. C. R. Hultgren. 1,902,282; Mar. 21.
- Seat or chair, Reversible. C. R. Hultgren. 1,916,800; July 4.
- Seat, stool, or chair with receptacle for holding articles, Collapsible. W. E. Sidav. 1,900,847; Mar. 7.
- Seat structure. A. A. G. Mougeotte. 1,928,498; Sept. 26.
- Seat structure, Adjustable. C. R. Meitzler. 1,911,636; May 30.
- Seat, table, and canopy-stand, Combination. E. Denham. 1,922,959; Oct. 31.
- Seat top, Rumble. I. Welss. 1,922,267; Aug. 15.
- Secondary battery. F. C. Perkins. 1,933,928; Nov. 7.
- Secretary, Radio. F. M. Friedrichs. 1,900,493; Mar. 7.
- Sectional apron drier. A. O. Hurxthal. 1,931,439; Oct. 17.
- Sectional boiler. C. A. Olson. 1,900,947; Mar. 14.
- Sectional boiler. C. A. Olson and J. P. Magos. 1,898,096; Feb. 21.
- Sectional pouch screw. M. Doesinger. 1,930,968; Oct. 17.
- Sections of rolls together, Joining. A. M. Guillet. 1,907,961; May 9.
- Securing device. C. M. Tichenor. 1,915,630; June 27.
- Securing means for electrical connecting devices. M. Guett. 1,939,298; Dec. 12.
- Securing means for split axle housings and the like. T. V. Buckwalter. 1,913,744; June 13.
- Securing two parts together, Frictionally. A. M. Holstein. 1,903,457; Apr. 11.
- Security device for battery ignition circuits. P. Jollivet and J. Jollivet. 1,921,974; Aug. 8.
- Sediment remover for settling tanks. R. T. Steindorf. 1,912,019; May 30.
- Sediment trap. E. J. McKee. 1,930,817; Oct. 17.
- Sedimentation device. S. I. Bousman. 1,916,460; July 4.
- Seed, Apparatus for delinting and softening cotton. A. L. Wooten. 1,922,118; Aug. 15.
- Seed cotton unloading apparatus. J. L. Rennels. 1,918,133; July 11.
- Seed disinfection. G. H. Buchanan and W. Moore. 1,939,951; Dec. 19.
- Seed distributor. W. H. Barber. 1,917,085; July 4.
- Seed, Harvesting lettuce. A. M. Jones. 1,931,471; Oct. 17.
- Seed harvesting machine. A. M. Jones. 1,926,388; Sept. 12.
- Seed scattering and shovel back device, Combination. W. Elliott. 1,934,490; Nov. 7.
- Seed-sowing implement. R. L. Scarlett. 1,896,562; Feb. 7.
- Seed thrashing machine. E. O. Nice. 1,914,784; June 20.
- Seed treating machine. C. C. Calkins. 1,897,361; Feb. 14.
- Seeder. G. Blatchford. 1,916,781; July 4.
- Seeder. J. P. Seiser. 1,897,769; Feb. 14.
- Seeder attachment for tractors. E. E. and S. R. Barron. 1,918,172; July 11.
- Seeding implement. A. E. Botsford. 1,905,892; Apr. 25.
- Seeding implement. M. Handler. 1,914,915; June 20.
- Seeding machine. W. Everson. 1,934,298; Nov. 7.
- Seeding machine. B. P. Johnson. 1,901,298; Mar. 14.
- Seeds and fruits, Drying oleaginous. H. Hutteman. 1,929,691; Oct. 10.
- Seeds and the like, Method and apparatus for separating. W. A. Rice. 1,894,058; Jan. 10.
- Seeds for sowing, Treatment of. J. Muller. 1,927,988; Sept. 26.
- Seesaw. T. Serpico. 1,929,081; Oct. 3.
- Seesaw. C. H. Shaffer. 1,939,927; Dec. 19.
- See-saw and merry-go-round, Combined. F. M. Jacob. 1,904,687; Apr. 18.
- Seismic exploration of geologic formations. B. McCollum. 1,899,970; Mar. 7.
- Seismic method of profiling geologic formations. B. McCollum. 1,909,205; May 16.
- Seismic method of profiling geologic formations. B. McCollum. 1,923,107; Aug. 22.
- Selecting mechanism for typographical machines, Automatic ejector. S. E. Sperry. 1,918,000; July 11.
- Selecting system using a single magnet. A. A. Clokey. 1,898,762; Feb. 21.
- Selective device. E. P. Bancroft. 1,927,697; Sept. 19.
- Selective receiver. C. Lipmann, A. Strahm, and A. Quinche. 1,924,795; Aug. 29.
- Selective reduction. A. E. Greene. 1,920,377; Aug. 1.
- Selective system. H. Burton. 1,901,867; Mar. 21.
- Selector armature retaining type, pin barrel. H. L. Krum. 1,917,308; July 11.
- Selector arrangement. F. Merk. 1,929,507; Oct. 10.
- Selector control mechanism. C. P. Geyh. 1,934,493; Nov. 7.
- Selector switch. F. Merk. 1,912,087; May 30.
- Selector testing system. J. W. Dehn. 1,926,894; Sept. 12.
- Selenium cells, Making. W. Henkel and F. Meyer. 1,904,139; Apr. 15.
- Selenium, Recovery of spent. C. C. Towne and H. C. Bekker. 1,915,703; June 27.
- Self adjusting chair. C. B. Rector. 1,910,363; May 23.
- Self-cleaning fish gate. J. P. Doyle. 1,903,754; Apr. 18.
- Self-closing paste tube. J. Gaglio. 1,918,746; July 18.
- Self-closing paste tube. H. C. Jensen. 1,928,895; Oct. 3.
- Self-contained vapor engine. E. F. Knowles. 1,939,783; Dec. 19.
- Self-lubricating bearing. J. M. Bryan and B. Smartt. 1,894,082; Jan. 10.
- Self-propelling apparatus. R. K. Jeffrey. 1,898,130; Feb. 21.
- Self-righting support. W. Lilly. 1,915,466; June 27.
- Self-sealing collapsible tube. E. Andersen. 1,922,652; Aug. 15.
- Self-sealing filter. C. H. Gagen. 1,899,029; Feb. 28.
- Self sealing tube. P. J. Jakubec. 1,896,729; Feb. 7.
- Selling machine, Automatic. E. Asenbaum. 1,895,745; Jan. 31.
- Semaphore. R. S. Cunard. 1,921,349; Aug. 8.
- Semicolloids and uniform colloids, Apparatus for the preparation of. H. Plauson. 1,923,013; Aug. 15.
- Semitrailer and auxiliary support. A. W. Molinare. 1,919,447; July 25.
- Semitrailer, Automatic. G. H. Connors and F. C. Stiff. 1,921,250; Aug. 8.
- Semitrailer, Automatic. H. W. Helms. Re18,821; May 2.
- Semitrailer frame construction. F. M. Reid. 1,898,854; Feb. 21.
- Sensitizing agent for photographic emulsions. C. J. Stand and C. S. Webber. 1,925,508; Sept. 5.
- Sensitometry. S. S. A. Watkins. 1,931,046; Oct. 17.
- Separable fastener. P. E. Fenton. 1,904,722; Apr. 18.
- Separable fastener. J. B. Freysinger. 1,907,778-9; May 9.
- Separable fastener. J. B. Freysinger. 1,908,231-2; May 9.
- Separable fastener. J. B. Freysinger. 1,910,891-2; May 23.
- Separable fastener. R. C. Legat. 1,893,823; Jan. 10.
- Separable fastener. R. C. Legat. 1,934,865; Nov. 14.
- Separable fastener. C. W. Leguillon. 1,905,917; Apr. 25.
- Separable fastener. C. B. Murphy. 1,934,084; Nov. 7.
- Separable fastener. R. H. Nicholson. 1,936,095; Nov. 21.
- Separable fastener. S. H. Norton. 1,902,416; Mar. 21.
- Separable fastener. W. L. Pipes. 1,898,743; Feb. 21.
- Separable fastener. N. J. Poux. 1,906,808; May 2.
- Separable fastener. J. A. H. Siers. 1,900,390; Mar. 7.
- Separable fastener. G. Sundback. 1,893,379; Jan. 3.
- Separable fastener. G. Sundback. 1,918,229; July 11.
- Separable fastener. G. Sundback. 1,918,721; July 18.
- Separable fastener. G. Sundback. 1,937,299; Nov. 28.
- Separable fastener. S. M. Ward. 1,896,129; Feb. 7.
- Separable fastener, Helical. G. Sundback. 1,937,297; Nov. 28.

- Separable fastener, Wire. G. Sundback. 1,937,298; Nov. 28.
- Separable floral rack. C. A. Brunning. 1,919,824; July 25.
- Separating and isolating the active substances of the posterior lobe of the hypophysis. M. Bockmühl, F. Lindner, and O. Schaumann. 1,920,349; Aug. 1.
- Separating apparatus. S. Green. 1,910,829; May 23.
- Separating apparatus. C. B. Thorne. 1,918,621; July 18.
- Separating apparatus and method. H. S. Coe. 1,934,406; Nov. 7.
- Separating chloronaphthalenes. E. C. Britton and W. R. Reed. 1,917,822; July 11.
- Separating device. R. E. Hedberg. 1,923,200; Aug. 22.
- Separating device. D. A. Sillers. 1,920,437; Aug. 1.
- Separating gaseous mixtures into their constituents. I. H. Levin. 1,917,891; July 11.
- Separating means for disks of friction brakes. S. M. Jonsson. 1,933,176; Oct. 31.
- Separating system. J. M. Le Grand. 1,898,733; Feb. 21.
- Separation and concentration of the constituents of heterogeneous emulsions or suspensions. P. E. Mercier. 1,922,489; Aug. 15.
- Separation, Apparatus for. F. A. Quiroz. 1,894,520; Jan. 17.
- Separation, Apparatus for. F. A. Quiroz. 1,895,104; Jan. 24.
- Separator: See—
- Air and other separator. Gas and liquid separator.
 - Air separator. Gas and oil separator.
 - Battery separator. Grain separator.
 - Beeswax separator. Magnetic separator.
 - Centrifugal separator. Oil and gas separator.
 - Coin separator. Oil separator.
 - Combination separator. Ore separator.
 - Corn sheller separator. Pulp and dirt separator.
 - Cylinder gold separator. Roller bearing separator.
 - Dust separator. Shell and meat separator.
 - Egg separator. Steam separator.
 - Electrical separator. Tubing separator.
- Separator. J. A. Campbell. 1,926,262; Sept. 12.
- Separator. J. H. Fedeler. 1,899,498; Feb. 28.
- Separator. J. B. Gaffney. 1,905,458; Apr. 25.
- Separator. W. Linnmann. 1,897,313; Feb. 14.
- Separator. H. E. Reeder. 1,930,108; Oct. 10.
- Separator. T. A. Short. 1,915,169; June 20.
- Separator. D. A. Sillers. 1,917,606; July 11.
- Separator. J. A. Stuard. 1,937,855; Dec. 5.
- Separator. W. B. Thompson. 1,939,151; Dec. 12.
- Separator. J. P. Walker. 1,923,598-9; Aug. 22.
- Separator. E. R. Williams. 1,907,166; May 2.
- Separator for antifriction bearings. F. A. Heffernan. 1,922,540; Aug. 15.
- Separator for coal and the like. G. W. Neifert and W. H. Kutz. 1,939,314; Dec. 12.
- Separator for liquids and solids. W. R. Mobley. 1,938,604; Dec. 12.
- Separator for milk bottles, Cream. G. Lander. 1,916,842; July 4.
- Separator for stock for paper mills, Rubbish. C. W. Unkle and H. C. McNaghten. 1,935,461; Nov. 14.
- Separator for storage batteries. T. B. Entz and A. H. Snyder. 1,937,405; Nov. 28.
- Separator for straining pulpy material, such as wood pulp, cellulose, paper pulp, and the like, Centrifugal. R. Heinrich and H. Zipprian. 1,921,750; Aug. 8.
- Separator for treated emulsions. F. D. Mahone. 1,940,762; Dec. 26.
- Separator shoe and producing same. G. Apel. 1,928,216; Sept. 26.
- Separators, Making glass wool. E. W. Smith. 1,938,982; Dec. 12.
- Septic indicator. W. F. Bernstein. 1,894,015; Jan. 10.
- Septic tank. C. A. Kopp. 1,902,171; Mar. 21.
- Series compactor with combination protective equipment. B. V. Hoard. 1,905,226; Apr. 25.
- Serrated edges, Producing. W. G. Shelton. 1,911,974; May 30.
- Service box. M. J. Lewis. 1,898,634; Feb. 21.
- Service building. G. L. Rosebrook. Des. 89,355-6; Feb. 28.
- Service device for toothpicks and the like. C. L. Rinehart. 1,908,185; May 9.
- Service dispensing system for parked automobiles. F. V. Mayo. 1,929,986; Oct. 10.
- Service indicator. P. Vehling and W. R. McCreary. 1,912,418; June 6.
- Service observing equipment. C. R. Brooks and J. E. Ostline. 1,907,240; May 2.
- Service station. H. O. Alden. Des. 90,468-9; Aug. 15.
- Service station. H. O. Alden. Des. 90,611; Aug. 29.
- Service station. H. O. Alden. Des. 90,642; Sept. 12.
- Service station. H. O. Alden. Des. 90,693; Sept. 19.
- Service station. H. O. Alden. Des. 90,829; Oct. 10.
- Service station. B. W. Hoover. Des. 89,937; May 16.
- Service station or the like. C. A. Urbanek. Des. 91,044; Nov. 14.
- Serving table. E. S. Graham. 1,921,462; Aug. 8.
- Serving tray. J. S. Frazin. Des. 90,200; July 18.
- Servo-brake. M. J.-B. Barbarou. 1,930,549; Oct. 17.
- Servo brake of the centrifugal type. G. P. Piganeau. 1,924,254; Aug. 29.
- Servo clutch. T. L. Fawick. 1,925,897; Sept. 5.
- Servo clutch. E. A. Rockwell. 1,907,008; May 2.
- Servo-motor for automobiles or the like, Electro. J. Bethenod. 1,917,488; July 11.
- Set of game pieces. A. F. Decker. Des. 90,804; Oct. 3.
- Set screw. C. G. Olson. 1,940,878; Dec. 26.
- Set-up box. A. J. Tanner. 1,938,090; Dec. 5.
- Setting and locking mechanism for printing devices of postage meters. J. W. Ogden and B. Knauer. 1,904,626; Apr. 18.
- Setting device for screw thread gauge. S. G. Johnson. 1,930,558; Oct. 17.
- Setting tool. W. L. Church. 1,912,823; June 6.
- Settee, Convertible. I. Cohen. 1,919,009; July 18.
- Settling apparatus. J. M. Mitchell. 1,906,916; May 2.
- Settling tank. H. E. Elrod. 1,918,742; July 18.
- 7 ethoxy 4 methyl coumarin. A. A. Levinson. 1,934,361; Nov. 7.
- 7,7-dichloro flavanthrone and making same. I. Gubelman. 1,904,367; Apr. 18.
- Sewage and industrial waste, Process and apparatus for treating. E. E. Barnard. 1,928,163; Sept. 26.
- Sewage and other impure liquid purification, Activated sludge process of. J. A. Coombs. 1,904,916; Apr. 18.
- Sewage and trade wastes, Process and apparatus for purification of. R. R. Knight. 1,902,248; Mar. 21.
- Sewage apparatus. J. G. Albertson. 1,920,158; July 25.
- Sewage disposal. W. M. Piatt. 1,929,179; Oct. 3.
- Sewage disposal. E. S. Rankin. 1,892,681; Jan. 3.
- Sewage filter beds, Cleaning. W. C. Laughlin and A. B. Asch. 1,919,564-5; July 25.
- Sewage grit removal. W. C. Weber. 1,939,636; Dec. 12.
- Sewage purification. K. Imhoff. 1,893,623; Jan. 10.
- Sewage purification. A. R. Putnam. 1,915,240; June 20.
- Sewage purification system. F. V. Hammerly. 1,900,809; Mar. 7.
- Sewage sludge, Disposing of. J. E. Greenawalt. 1,895,159; Jan. 24.
- Sewage sludges, Treatment of. H. G. Gilliland. 1,917,516; July 11.
- Sewage, Treating. G. Ornstein. 1,904,246; Apr. 18.
- Sewage treating apparatus. C. E. Keefer and F. C. Wachter. 1,892,688; Jan. 3.
- Sewage treating apparatus. J. F. Skinner. 1,925,679; Sept. 5.
- Sewage treatment. W. M. Piatt. 1,937,434; Nov. 28.
- Sewage treatment and disposal. W. Ralsch and A. Wright. 1,937,481; Nov. 28.
- Sewage treatment plant. F. Schimrigk. 1,939,924; Dec. 19.
- Sewer cleaner. H. La Motte. 1,915,679; June 27.
- Sewer cleaner. A. B. Utley. 1,918,353; July 18.
- Sewer cleaning device. J. Silberger. 1,898,503; Feb. 21.
- Sewer flushing apparatus. H. Wirz, jr., and C. F. Hlavaty. 1,934,959; Nov. 14.
- Sewer pipe. C. H. Currie. Re18,785; Apr. 4.
- Sewer trap. W. A. Wallman. 1,926,759; Sept. 12.
- Sewers, Apparatus for automatically flushing. H. W. Jewell. 1,901,244; Mar. 14.
- Sewers, Apparatus for automatically flushing. H. W. Jewell. 1,929,638; Oct. 10.
- Sewing box. A. B. Collingbourne. Des. 90,105; June 13.
- Sewing box. Z. Wallis. Des. 89,227; Feb. 7.
- Sewing machine. H. B. Allcock. 1,914,552; June 20.
- Sewing machine. F. Ashworth. 1,914,936; June 20.
- Sewing machine. F. Ashworth. 1,931,917; Oct. 24.
- Sewing machine. A. Bates. 1,911,050; May 23.
- Sewing machine. A. Bates. 1,919,410; July 25.
- Sewing machine. R. Becker. 1,908,280; May 9.
- Sewing machine. H. J. Bücking. 1,910,200; May 23.
- Sewing machine. J. and M. Buono. 1,926,644; Sept. 12.
- Sewing machine. A. B. Clayton. 1,934,259; Nov. 7.
- Sewing machine. J. S. Chipman. 1,932,573; Oct. 31.
- Sewing machine. C. W. Dowd. 1,924,232; Aug. 29.
- Sewing machine. G. Goddu. 1,908,416; May 9.
- Sewing machine. H. J. Goosman. 1,941,083; Dec. 26.
- Sewing machine. A. Grieb. 1,922,433; Aug. 15.
- Sewing machine. G. Hazelton. 1,894,399; Jan. 17.
- Sewing machine. G. A. Herdter. 1,917,840; July 11.
- Sewing machine. R. H. Hohmann. 1,916,860; July 4.
- Sewing machine. O. F. Hoppe. 1,920,643; Aug. 1.
- Sewing machine. J. Kiewicz. 1,892,895; Jan. 3.
- Sewing machine. H. W. Krag. 1,906,625; May 2.
- Sewing machine. H. W. Krag. 1,906,625; May 2.
- Sewing machine. R. F. List and W. A. Smith. 1,920,471-2; Aug. 1.
- Sewing machine. R. L. Lyons. 1,915,831; June 27.
- Sewing machine. M. McCann. 1,940,501; Dec. 19.
- Sewing machine. W. T. Minett. 1,895,257; Jan. 24.
- Sewing machine. F. Morel. 1,902,041; Mar. 21.
- Sewing machine. A. R. Morrill. 1,907,434; May 9.
- Sewing machine. C. W. Mueller. 1,905,391; Apr. 25.
- Sewing machine. W. Myers. 1,917,771; July 11.
- Sewing machine. V. H., and R. Naftali. 1,931,447; Oct. 17.
- Sewing machine. W. N. Parkes. 1,912,855; June 6.
- Sewing machine. L. Rich. Re18,961; Oct. 3.
- Sewing machine. F. Ricks. 1,923,586; Aug. 22.
- Sewing machine. C. E. Spivey and J. C. Roden. 1,898,855; Feb. 21.
- Sewing machine. H. M. Stephenson. 1,936,412; Nov. 21.
- Sewing machine. V. G. Terry. 1,926,604; Sept. 12.
- Sewing machine. C. C. Wilson. 1,931,916; Oct. 24.
- Sewing machine. R. B. Woodcock. 1,896,211; Feb. 7.
- Sewing machine and method of forming stitches. R. N. Parkin. 1,894,885; Jan. 17.
- Sewing machine attachment. A. B. Clark. 1,924,981; Aug. 29.

- Sewing machine attachment. J. W. B. Coleman. 1,934,343; Nov. 7.
- Sewing machine, Attachment for. W. C. Hake. 1,914,948; June 20.
- Sewing machine attachment. F. A. Melvin and F. B. Wellington. 1,932,116; Oct. 24.
- Sewing machine attachment for stamping and hammering sheet metal and the like. R. O. Perkins. 1,940,767; Dec. 26.
- Sewing machine, Bag. W. E. Sharkey. 1,915,765; June 27.
- Sewing machine binder. H. Gensheimer. 1,913,112; June 6.
- Sewing machine, Blind stitch. K. Maier. 1,917,726; July 11.
- Sewing machine, Blind stitch button. M. McCann. 1,903,057; Mar. 28.
- Sewing machine, Book. K. S. Hoge. 1,917,647; July 11.
- Sewing machine, Button. R. L. Lyons. 1,900,388; Mar. 7.
- Sewing machine, Button. R. L. Lyons. 1,915,830; June 27.
- Sewing machine, Button. L. Rich. 1,931,830; Oct. 24.
- Sewing machine, Buttonhole. L. L. Almond and F. A. Matthews. 1,912,056; May 30.
- Sewing machine, Buttonhole. H. Corral and J. Heggie. 1,936,381; Nov. 21.
- Sewing machine, Buttonhole. C. A. O. Grip. 1,905,854; Apr. 25.
- Sewing machine, Buttonhole. H. C. Miller and T. F. Morris, jr. 1,939,271; Dec. 12.
- Sewing machine, Chain-stitch. A. H. De Voe. 1,940,399; Dec. 19.
- Sewing machine, Chain stitch. F. Lutz. 1,929,321-2; Oct. 3.
- Sewing machine, Chain stitch. A. S. Riviere. 1,897,987-8; Feb. 14.
- Sewing machine darning operations, Workholder for. J. D. Karle. 1,905,907; Apr. 25.
- Sewing machine, Electric. W. J. Peets. Des. 89,114; Jan. 24.
- Sewing machine, Feed-off-arm. G. M. Eames. 1,917,756; July 11.
- Sewing machine feeding mechanism. A. B. Clayton. 1,927,489; Sept. 19.
- Sewing machine for forming crossed zigzag stitches. J. Berger. 1,911,668; May 30.
- Sewing machine for attaching waist bands to body fabrics. G. C. Cooper and J. Mann. 1,932,575; Oct. 31.
- Sewing machine for joining fabrics. F. M. Card. 1,893,577; Jan. 10.
- Sewing machine frame. H. F. Gruman. 1,928,486; Sept. 26.
- Sewing machine guard. J. Powell. 1,928,502; Sept. 26.
- Sewing machine, Inseam shoe. A. R. Morrill. 1,920,998; Aug. 8.
- Sewing machine, Lockstitch. F. Ashworth. 1,937,215; Nov. 28.
- Sewing machine looper mechanism. A. B. Clayton. 1,907,040; May 2.
- Sewing machine, Multiple needle. A. S. Riviere. 1,897,986; Feb. 14.
- Sewing machine, Ornamental stitch. F. Lutz. 1,919,852; July 25.
- Sewing machine presser-foot. J. D. Karle. 1,901,752; Mar. 14.
- Sewing machine, Shoe. F. Ashworth. 1,905,031; Apr. 25.
- Sewing machine, Shoe. F. Ashworth. 1,925,513; Sept. 5.
- Sewing machine, Shoe. A. Bates. 1,939,945; Dec. 19.
- Sewing machine, Shoe. F. D. Herald. 1,938,289; Dec. 5.
- Sewing machine, Shoe. L. E. Topham. 1,905,074; Apr. 25.
- Sewing machine, Shoe. L. E. Topham. 1,921,897; Aug. 8.
- Sewing machine, Shoe. E. E. Winkley. 1,923,562; Aug. 22.
- Sewing machine shuttle. F. Ashworth. 1,905,032; Apr. 25.
- Sewing machine spool-pins, Friction collar for. D. H. Chason. 1,933,502; Oct. 31.
- Sewing machines, Adjustable cutter for. A. M. Wenzel. 1,894,013; Jan. 10.
- Sewing machines, Attachment for. H. A. Fine. 1,893,582; Jan. 10.
- Sewing machines, Attachment for. G. H. Galbraith. 1,926,525; Sept. 12.
- Sewing machines, Attachment for. P. Gardner. 1,913,878; June 13.
- Sewing machines, Attachment for. R. P. Hackett. 1,903,671; Apr. 11.
- Sewing machines, Attachment for. C. H. Sanborn. 1,923,556; Aug. 22.
- Sewing machines, Automatic stop control for. W. R. Rogers. 1,913,089; June 6.
- Sewing machines, Automatic stop mechanism for. L. Roseman. 1,939,464; Dec. 12.
- Sewing machines, Back gauge mechanism for shoe. E. E. Winkley. 1,915,909; June 27.
- Sewing machines, Bobbin-winding device for. T. C. Orris. 1,940,435; Dec. 19.
- Sewing machines, Buttonhole working attachment for. F. Spaulding. 1,893,912; Jan. 10.
- Sewing machines, Chaining finger and seam gauge for overseam. H. A. Klemm. 1,935,640; Nov. 21.
- Sewing machines, Combined hemmer and elastic strip guide for. K. Maier. 1,916,058; June 27.
- Sewing machines, Cutting attachment for. J. P. Zaidan. 1,928,845; Oct. 3.
- Sewing machines, Electric driving device for. W. J. Peets. 1,934,373; Nov. 7.
- Sewing machines, Fabric guide for. H. Hacklander and F. F. Seier. 1,917,711; July 11.
- Sewing machines, Fabric guiding means for. F. A. Kucera. 1,896,903; Feb. 7.
- Sewing machines, Fabric trimming and thread laying mechanism for. F. F. Zeier and A. H. Stieg. 1,933,038; Oct. 31.
- Sewing machines, Fan-attachment for. D. Fischbein. 1,919,782; July 25.
- Sewing machines, Feed-lift throw-out mechanism for. A. Grieb. 1,908,292; May 9.
- Sewing machines, Feeding attachment for. L. M. Rabino-witz. 1,915,580; June 27.
- Sewing machines, Feeding mechanism for. G. M. Eames. 1,917,757; July 11.
- Sewing machines, Feeding mechanism for. H. F. Gruman. 1,935,556; Nov. 14.
- Sewing machines, Feeding mechanism for. N. E. Hanson. 1,903,762; Apr. 18.
- Sewing machines, Feeding mechanism for. F. Lutz. 1,940,358; Dec. 19.
- Sewing machines, Feeding mechanism for. K. Maier. 1,899,816; Feb. 28.
- Sewing machines, Feeding mechanism for. M. L. Waterman. 1,916,180; June 27.
- Sewing machines, Folder for. R. J. Sailer. 1,917,776; July 11.
- Sewing machines, Folder for. R. J. Sailer. 1,930,665; Oct. 17.
- Sewing machines, Folder for. R. J. Sailer. 1,937,096; Nov. 28.
- Sewing machines for repairing runs in fabrics, Attachment adapted to be applied to. C. S. Nevelson. 1,931,588; Oct. 24.
- Sewing machines, Loop-taker for. A. Grieb. 1,928,590; Sept. 26.
- Sewing machines, Looper mechanism for. A. B. Clayton. 1,940,389; Dec. 19.
- Sewing machines, Looper mechanism for. F. F. Zeier. 1,899,786; Feb. 28.
- Sewing machines, Looper mechanism for. F. F. Zeier and L. P. Edmiston. 1,912,959; June 6.
- Sewing machines, Lubricating system for. P. A. Herr. 1,909,826; May 16.
- Sewing machines, Needle bar guide for. W. W. Dunnell, jr. 1,914,943; June 20.
- Sewing machines, Needle-clamp for. A. Grieb. 1,896,047; Jan. 31.
- Sewing machines, Needle guard for. C. Ciravolo. 1,939,620; Dec. 12.
- Sewing machines, Needle holder for. F. Basso. 1,899,303; Feb. 28.
- Sewing machines, Needle-thread take-up mechanism for. W. N. Parkes. 1,906,087; Apr. 25.
- Sewing machines, Pading guide for. Le-R. V. Gordon. 1,903,425; Apr. 11.
- Sewing machines, Pinking attachment for. M. Popper. 1,922,453; Aug. 15.
- Sewing machines, Presser-foot for. A. H. DeVoe. 1,923,080; Aug. 22.
- Sewing machines, Presser foot for. S. B. Harker. 1,934,190; Nov. 7.
- Sewing machines, Presser-foot for. J. D. Karle. 1,916,171; June 27.
- Sewing machines, Presser foot for. C. F. Rubel. 1,933,032; Oct. 31.
- Sewing machines, Presser foot for. H. L. Willis. 1,927,601; Sept. 19.
- Sewing machines, Stitch forming mechanism for. H. F. Gruman. 1,903,590; Apr. 11.
- Sewing machines, Strip-guiding means for. R. J. Sailer. 1,906,104; Apr. 25.
- Sewing machines, Tacking mechanism for buttonhole. J. Kiewicz. 1,914,605; June 20.
- Sewing machines, Thread controlling mechanism for. C. F. Rubel and F. F. Zeier. 1,899,882; Feb. 28.
- Sewing machines, Thread cutter for buttonhole. W. W. Dunnell, jr. 1,935,083; Nov. 14.
- Sewing machines, Thread-cutting mechanism for. E. B. Allen. 1,930,637; Oct. 17.
- Sewing machines, Thread-cutting mechanisms for. A. R. Wood. 1,920,944; Aug. 1.
- Sewing machines, Thread-cutting mechanism for. A. R. Wood. 1,938,128; Dec. 5.
- Sewing machines, Thread saver for. M. A. Sciuolo. 1,913,903; June 13.
- Sewing machines, Thread tensioning device for. H. Corral. 1,907,042; May 2.
- Sewing machines, Thread trimmer for buttonhole. J. H. Pikul. 1,927,950; Sept. 26.
- Sewing machines, Throw-out looper mechanism. A. B. Clayton. 1,915,923; June 27.
- Sewing machines, Trimmer mechanism for. F. M. Card. 1,928,587; Sept. 26.
- Sewing machines, Trimming mechanism for. F. M. Card. 1,894,978; Jan. 24.
- Sewing machines, Trimming mechanism for. F. M. Card. 1,932,953; Oct. 31.
- Sewing machines, Trimming mechanism for. H. E. Smallbone. 1,936,971; Nov. 28.

- Sewing machines, Tucking attachment for. C. Harrison and H. Gottfried. 1,911,190; May 30.
- Sewing machines, Uncurler guide for. G. C. Cooper. 1,901,733; Mar. 14.
- Sewing machines, Uncurler guide for. W. Pfeiffer and R. D. Dondero. 1,934,275; Nov. 7.
- Sewing machines. Work guide for. C. E. Boyd. 1,919,459-60; July 25.
- Sewing machines, Work-holding and guiding mechanism for. A. Grieb. 1,906,317; May 2.
- Sewing machines, Yielding attachment for. C. H. Sanborn. 1,899,399; Feb. 28.
- Sewing mechanism for stitching over fastener devices. L. Roseman. 1,907,674; May 9.
- Sewing stand. J. Kulzer. 1,893,419; Jan. 3.
- Shackle. W. A. Plumerfelt. 1,895,846; Jan. 31.
- Shackle, Excavating bucket. J. L. Tunison. 1,897,846; Feb. 14.
- Shackle, Noiseless. J. B. Hirsch. 1,908,755; May 16.
- Shackle, Rolling spring. J. W. Heiney. 1,892,668; Jan. 3.
- Shade. M. Patt. 1,927,272; Sept. 19.
- Shade, Adjustable spring roller. P. P. Matt. 1,912,379; June 6.
- Shade adjustment fixture, Window. G. R. Schofield. 1,913,902; June 13.
- Shade and curtain fixture, Window. S. M. Davis. 1,926,267; Sept. 12.
- Shade and curtain holder, Combined. F. P. and A. C. Lindsay. 1,922,136; Aug. 15.
- Shade and making same, Lamp. J. M. Angeletti. 1,940,672; Dec. 26.
- Shade and supporting the same, Lamp. J. E. Richmond. 1,917,544; July 11.
- Shade bracket. E. Jonas. 1,924,362; Aug. 29.
- Shade bracket. C. F. Sommerfeld, jr. 1,906,662; May 2.
- Shade, Electric lamp. H. Hertz. 1,899,272; Feb. 28.
- Shade fixture, Window. F. H. Maurer. 1,914,379; June 20.
- Shade, Folding sun. A. Seregi. 1,893,182; Jan. 3.
- Shade for an electric lamp. G. E. McFadden. Des. 89,550; Mar. 28.
- Shade guide and holder, Roller. T. E. McNulty. 1,894,627; Jan. 17.
- Shade holder. E. W. Carpenter, C. La Reau, and H. M. Kellogg. 1,902,947; Mar. 28.
- Shade-holding fixture, Electric light. G. E. McFadden. Des. 91,154-64; Dec. 5.
- Shade-holding fixture, Electric light. G. E. McFadden. Des. 91,244; Dec. 26.
- Shade, Lamp. J. H. Allen. 1,912,119-20; May 30.
- Shade, Lamp. C. T. Brady. 1,935,387; Nov. 14.
- Shade, Lamp. A. Burke. 1,894,302; Jan. 17.
- Shade, Lamp. O. W. and C. H. Johnson. 1,929,315; Oct. 3.
- Shade, Lamp. E. Provenzano. 1,923,555; Aug. 22.
- Shade, Lamp. D. G. Saaf. 1,894,227; Jan. 10.
- Shade, Lamp. E. Schwarz. Des. 89,310-14; Feb. 21.
- Shade, Lamp. E. Schwarz. Des. 89,413-16; Mar. 7.
- Shade, Lamp. E. Schwarz. Des. 89,655; Apr. 18.
- Shade, Lamp. E. Schwarz. Des. 90,554-5; Aug. 22.
- Shade, Lamp. E. Schwarz. Des. 90,595-600; Aug. 29.
- Shade, Lamp. E. Schwarz. Des. 90,781; Sept. 26.
- Shade protector. R. Chambers. 1,911,749; May 30.
- Shade pull holder, Window. H. M. Kopstein. 1,936,455; Nov. 21.
- Shade, Reflector. W. R. Krebs. Des. 91,097; Nov. 21.
- Shade, Revolving lamp. B. J. Coffin. 1,928,329; Sept. 26.
- Shade roller. F. J. Burns. 1,905,980; Apr. 25.
- Shade roller. W. Dazley. 1,920,937; Aug. 1.
- Shade, Roller. H. H. Koller. 1,917,449; July 11.
- Shade roller adjusting construction. J. K. Tomlinson. 1,909,640; May 16.
- Shade roller mounting. C. W. Rice. 1,923,506; Aug. 22.
- Shade roller support, Adjustable. C. J. Anderson. 1,911,255; May 30.
- Shade safety device. A. W. Adamson. 1,923,698; Aug. 22.
- Shade sewing device. P. P. Matt. 1,903,468; Apr. 11.
- Shade, Sleep eye. E. C. and E. M. Hemphill. 1,924,315; Aug. 29.
- Shade support, Adjustable window. H. C. Hagedorn. 1,895,793; Jan. 31.
- Shade support, Splint. L. J. Steffen. 1,899,062; Feb. 28.
- Shade supporting device, Lamp. W. N. de Sherbinin. 1,903,985; Apr. 18.
- Shades, Apparatus for cleaning window. W. M. Theobald. 1,902,344; Mar. 21.
- Shades, Collocating lamp. C. Richman. 1,937,915; Dec. 5.
- Shades, Device for supporting window. R. W. Hagel. 1,927,980; Sept. 26.
- Shaft and seal assembly. H. A. Greenwald and W. D. Drysdale. 1,929,491; Oct. 10.
- Shaft and sleeve couple, Splined. E. Stubbs. 1,912,412; June 6.
- Shaft and spindle bearing. O. U. Zerk. 1,924,586; Aug. 29.
- Shaft, Angularity adjusting device. T. V. Hemmingsen. 1,925,755; Sept. 5.
- Shaft bearing. A. A. Byerlein. 1,922,355; Aug. 15.
- Shaft bearing. E. M. Carver. 1,931,055; Oct. 17.
- Shaft bearing. L. P. Grobel and B. L. Newkirk. 1,940,301; Dec. 19.
- Shaft bearing. R. B. Wade. 1,900,593; Mar. 7.
- Shaft bearing. C. T. Wallis and N. O. Marquart. 1,928,403; Sept. 26.
- Shaft-bearing, Rubber. A. B. Merrill. 1,895,936; Jan. 31.
- Shaft boot. W. H. Radford. 1,938,977; Dec. 12.
- Shaft connection. G. H. Leland. 1,932,826; Oct. 31.
- Shaft coupling. O. A. Banner. 1,905,431; Apr. 25.
- Shaft coupling. O. Baur and H. Lempp. 1,903,162; Mar. 28.
- Shaft coupling. W. Craik. 1,903,982; Apr. 18.
- Shaft coupling. H. M. Edmunds. 1,915,654; June 27.
- Shaft coupling. C. V. Foulds. 1,913,589; June 13.
- Shaft coupling. C. L. Johnson. 1,933,555; Dec. 12.
- Shaft coupling. E. K. Le Fevre. 1,919,437; July 25.
- Shaft coupling, Flexible. Y. A. Ahnger. 1,921,144; Aug. 8.
- Shaft coupling for the transmission of power, Flexible. C. A. G. Standage. 1,893,452; Jan. 3.
- Shaft coupling with power shortage. R. Goldschmidt. 1,923,368; Aug. 22.
- Shaft, Flexible. H. E. Schulse. 1,912,658; June 6.
- Shaft for golf clubs and making. D. F. Boyden. 1,921,068; Aug. 8.
- Shaft for golf clubs, Two-piece metal. M. B. Reach. 1,904,750; Apr. 18.
- Shaft furnace. K. H. Moll, H. Etherington, and D. F. Smith. 1,934,081; Nov. 7.
- Shaft handpiece, Flexible. J. F. Keller. 1,926,999; Sept. 12.
- Shaft housing assembly, Outboard motor drive. O. Evinrude. 1,892,981; Jan. 3.
- Shaft mounting for rollers or pulleys. N. B. Ornitz. 1,909,500; May 16.
- Shaft seal. L. Schwitzer and C. J. Winkler. 1,897,280; Feb. 14.
- Shaft sealing device. L. H. Stein. 1,936,804; Nov. 28.
- Shaft sealing device. L. H. Stein. 1,941,025; Dec. 26.
- Shaft support. A. Y. Dodge. 1,934,527; Nov. 7.
- Shafting, Automatically cutting flexible. L. H. Morin. 1,906,867; May 2.
- Shafting, Manufacture of flexible. R. C. Angell and F. L. O. Wadsworth. 1,934,025-6; Nov. 7.
- Shafting, Production of forged. E. Kamp. 1,913,711; June 13.
- Shafts and the like, Retaining means for. F. L. Scott. 1,922,400; Aug. 15.
- Shafts, Apparatus for packing. H. E. La Bour. 1,915,677; June 27.
- Shafts, Nonreverse device for. E. L. Brett. 1,925,081; Sept. 5.
- Shafts, Producing flexible. H. W. Webb. 1,924,701; Aug. 29.
- Shake mechanism for paper making machines. A. Aldrich. 1,917,288; July 11.
- Shaker. R. V. Blocker. 1,938,245; Dec. 5.
- Shaker apparatus. J. J. Kratz. 1,915,539; June 27.
- Shaker chute construction. Q. Pardini. 1,930,884; Oct. 17.
- Shaker, Cocktail. H. F. Reichenbach. Des. 91,179; Dec. 12.
- Shaker, Condiment. M. B. Cunningham. 1,906,135; Apr. 25.
- Shaker for ingot molds. G. G. Bell. 1,908,104; May 9.
- Shaker for ingot molds. G. G. Bell. 1,938,276; Dec. 5.
- Shaker or the like, Cocktail. L. W. Rice. Des. 89,653; Apr. 18.
- Shaker, Salt and pepper. J. Trumm. 1,928,038; Sept. 26.
- Shaking screen. W. L. Wettlaufer. 1,914,226; June 13.
- Shampoo mask, Transparent, adjustable. N. P. Steckler. 1,923,340; Aug. 22.
- Shank and securing same in a shoe, Nonfloatable. S. Zide. 1,928,989; Oct. 3.
- Shank for shoes, Fabric envelope covered metal. H. H. Roosa. 1,920,670; Aug. 1.
- Shank piece and making shoes. J. B. Hadaway. 1,920,383; Aug. 1.
- Shank pieces, Locating. F. L. Brandt. 1,905,894; Apr. 25.
- Shank portions of soles, Reducing the. J. Smith. 1,936,919; Nov. 28.
- Shank stiffener. A. Paxinos. 1,911,583; May 30.
- Shaper in standard yacht building, Automatic. G. J. Teigland. 1,939,580; Dec. 12.
- Shaper, Portable. F. L. Re Qua. 1,935,484; Nov. 14.
- Shaping machine with hydraulic drive, High-speed. E. Sturm. 1,925,215; Sept. 5.
- Shaping means. S. J. McAuley. 1,910,849; May 23.
- Shaping or dressing apparatus. A. Vuilleumier. 1,896,533; Feb. 7.
- Sharpener, Adjustable pencil. L. Liggio. 1,941,215; Dec. 26.
- Sharpener and the like, Blade. H. D. Tracy. 1,900,374; Mar. 7.
- Sharpener, Automatic knife. L. Nagy. 1,925,108; Sept. 5.
- Sharpener, Blade. E. L. Benson. 1,916,600; July 4.
- Sharpener, Blade. S. Rabin. 1,909,009; May 16.
- Sharpener, Blade. N. Schwartz. 1,916,019; June 27.
- Sharpener, Blade. A. M. Wheeler. 1,903,651; Apr. 11.
- Sharpener, Crayon. L. Cassini. 1,920,957; Aug. 8.
- Sharpener for hair clipper blades. E. W. Lee. 1,916,929; July 4.
- Sharpener for lawn-mowers and the like. H. J. Epworth. 1,927,630; Sept. 19.
- Sharpener for razor blades. W. L. Marshall. 1,897,760; Feb. 14.
- Sharpener for scissors, Hand. J. Silver and F. Wallmer. 1,941,367; Dec. 26.
- Sharpener for sharpening blades of lawn mowers or shears. E. C. Harnden. 1,892,667; Jan. 3.

- Sharpener for slicing machine knives. B. G. Roetering. 1,907,585; May 9.
- Sharpener for slicing machines. C. F. M. van Berkel and A. van Duyn. 1,936,890; Nov. 28.
- Sharpener, Knife. W. Blankner. 1,894,579; Jan. 17.
- Sharpener, Knife. E. W. Carpenter. 1,019,772; July 25.
- Sharpener, Lawn mower. W. L. Marling. 1,900,186; Mar. 7.
- Sharpener, Lawn-mower. C. T. McIllyar. 1,929,326; Oct. 3.
- Sharpener, Pencil. W. Appel. 1,893,877; Jan. 10.
- Sharpener, Pencil. E. M. Havranek. 1,937,340; Nov. 28.
- Sharpener, Pencil. E. C. Hoffmann. 1,932,181; Oct. 24.
- Sharpener, Pencil. H. A. and E. L. Moulton. 1,916,889; July 4.
- Sharpener, Pencil. J. Ness. 1,940,966; Dec. 26.
- Sharpener, Pencil. H. Rohwedder. 1,932,486; Oct. 31.
- Sharpener, Pencil. H. W. Schoenfeldt. 1,905,608; Apr. 25.
- Sharpener, Pencil. C. A. E. Tolpo. Des. 90,557; Aug. 22.
- Sharpener, Pencil. W. H. Whitford. 1,895,359; Jan. 24.
- Sharpener, Razor blade. A. Aurili. 1,939,182-3; Dec. 12.
- Sharpener, Razor blade. G. W. Bowers. 1,896,348; Feb. 7.
- Sharpener, Razor blade. J. D. Butler. 1,900,158; Mar. 7.
- Sharpener, Razor blade. W. E. Cobb. 1,909,661; May 16.
- Sharpener, Razor blade. H. J. Linn. 1,895,332; Jan. 24.
- Sharpener, Razor blade. S. Rhea. 1,918,132; July 11.
- Sharpener, Razor blade. E. P. Smith. 1,926,658; Sept. 12.
- Sharpener, Razor blade. S. A. Vassiliev. 1,935,679; Nov. 21.
- Sharpener, Razor blade. A. S. Volpin. 1,898,915; Feb. 21.
- Sharpener, Reamer. W. Waltamath. 1,912,745; June 6.
- Sharpener, Safety blade. L. B. Cuddy. 1,908,223; May 9.
- Sharpener, Safety blade. L. B. Cuddy. 1,935,079; Nov. 14.
- Sharpener, Safety razor blade. W. D. Bishop. 1,937,307; Nov. 28.
- Sharpener, Safety razor blade. J. Levine. 1,937,281; Nov. 28.
- Sharpener, Safety razor blade. W. S. Miller. Des. 89,938; May 16.
- Sharpener, Safety razor blade. P. H. Unsinger. 1,936,075; Nov. 21.
- Sharpener, Scissors. A. J. Petrich. 1,904,075; Apr. 18.
- Sharpener, Scissors. G. H. Piermann. 1,936,990; Nov. 28.
- Sharpener for slicing machines. C. F. M. van Berkel. 1,939,740; Dec. 19.
- Sharpener for slicing machines. J. N. Woodington. 1,939,754; Dec. 19.
- Sharpening apparatus for razor blades. B. G. Montgomery. 1,910,305; May 23.
- Sharpening apparatus for rotary cutters. A. Podmore. 1,933,184; Oct. 31.
- Sharpening attachment for lawn mowers. S. E. Garber. 1,911,892; May 30.
- Sharpening device. R. W. Reader. 1,907,870; May 9.
- Sharpening device for edged tools. N. K. Fougner. 1,938,521; Dec. 5.
- Sharpening device for safety razor blades. W. R. Daughtry. 1,920,847; Aug. 1.
- Sharpening device for scissors. C. D. Wilson. 1,907,275; May 2.
- Sharpening device for slicing machine knives. C. F. M. van Berkel. 1,918,575; July 18.
- Sharpening device, Razor blade. H. Kuska. 1,924,995; Aug. 29.
- Sharpening device, Razor blade. C. Miners. 1,925,983; Sept. 5.
- Sharpening device, Rotary. R. D. Amis. 1,914,660; June 20.
- Sharpening devices, Appliance for razor blade. R. Navarre. 1,910,710; May 23.
- Sharpening machine. H. J. Galsman and C. Schumacher. 1,897,724; Feb. 14.
- Sharpening machine. W. E. Nickerson. 1,909,883; May 16.
- Sharpening machine for curved blades. W. E. Nickerson. 1,909,884; May 16.
- Sharpening mechanism, Drill steel. W. H. Wineman. 1,916,904; July 4.
- Sharpening the knives of slicing machines, Apparatus for. A. van Duyn. 1,918,576; July 18.
- Sharpening tool, Lawn mower. B. B. Phelps. 1,901,328; Mar. 14.
- Sharpening unit. S. Segal. 1,919,909; July 25.
- Shaving and slicing mechanism. R. K. Winning. 1,923,348; Aug. 22.
- Shaving composition. R. F. Smith. 1,940,026; Dec. 19.
- Shaving cup. H. Schnyder. 1,903,882; Apr. 18.
- Shaving machine. G. R. Rott. 1,902,988; Mar. 28.
- Shaving receptacle. H. C. Laufe. 1,913,811; June 13.
- Shear. J. Jensen. 1,940,497; Dec. 19.
- Shear. L. I. Johnson and J. A. Smitmans. 1,901,910; Mar. 21.
- Shear and control system therefor, Flying. A. B. De Salardi. 1,913,153; June 6.
- Shear, Flying. F. C. Biggert, jr. 1,918,319; July 18.
- Shear, Flying. E. W. Mikaelson. 1,925,965; Sept. 5.
- Shear mechanism for glassware forming machines. J. H. Treece. 1,898,407; Feb. 21.
- Shear, Motor-operated. C. B. Gray. 1,922,846; Aug. 15.
- Shear pin for crushing machines. W. W. Guest. 1,901,159; Mar. 14.
- Shear sharpening and corrugating device, Combined. W. C. B. Farrar. 1,897,662; Feb. 14.
- Shearing apparatus. F. C. Biggert, jr. 1,918,318; July 18.
- Shearing apparatus. J. Hahn. 1,910,387; May 23.
- Shearing apparatus. T. W. Morris. 1,925,084; Sept. 5.
- Shearing apparatus for cutting positive lengths. K. W. Hallden. 1,911,150; May 23.
- Shearing cutting tool. H. W. Porter. 1,909,846; May 16.
- Shearing machine. A. J. Hermansdorfer. 1,931,760; Oct. 24.
- Shearing machine. J. H. Murch. 1,920,999; Aug. 8.
- Shearing mechanism. E. M. Hawkins and O. M. Hoch. 1,920,389; Aug. 1.
- Shears. C. Dahl. 1,903,257; Mar. 28.
- Shears. L. S. Rosener and W. H. Nutting. 1,908,448; May 9.
- Shears, Attachment for. K. Engel. 1,901,739; Mar. 14.
- Shears, Flying. S. L. Batchelor. 1,936,928; Nov. 28.
- Shears, Flying. F. C. Biggert, jr. 1,932,505; Oct. 31.
- Shears, Flying. A. Grosbost. 1,892,834; Jan. 3.
- Shears, Flying. H. L. Schreck. 1,936,485; Nov. 21.
- Shears, Flying. H. L. Schreck. 1,939,140; Dec. 12.
- Shears, Grass. P. S. and T. S. Vosbikian. 1,931,045; Oct. 17.
- Shears, Making. E. W. Carpenter. 1,900,413; Mar. 7.
- Shears, Metal. H. D. Buys. 1,919,710; July 25.
- Sheath for wood-spikes, Expansion. R. Brosig. 1,922,120; Aug. 15.
- Sheath, Ice-pick. J. L. Hart. 1,933,171; Oct. 31.
- Sheathing for metal building structure. F. R. Higley. 1,899,091; Feb. 28.
- Sheave assembly. W. L. Laing and F. Newell. 1,910,173; May 23.
- Sheave construction. R. G. Le Tourneau. 1,919,472; July 25.
- Sheave, Rope flanking. W. Lobb. 1,915,501; June 27.
- Sheave, Shock absorbing. L. O. Ticknor. 1,906,665; May 2.
- Shedding device for washing machines and the like. Water. J. Mikulasek. 1,918,609; July 18.
- Sheet and making the same, Reinforced metallic structural. A. A. Kramer. 1,905,413; Apr. 25.
- Sheet and process of manufacture, Transparent. E. M. Kratz. 1,893,172; Jan. 3.
- Sheet and the like, Bed. C. B. Tooley. 1,907,393; May 2.
- Sheet, Apparatus for producing a composite reinforced. W. R. Collings and D. L. Gibbs. 1,923,710; Aug. 22.
- Sheet bars and analogous metal pieces, Shipping. A. H. Moon. 1,925,595; Sept. 5.
- Sheet bulletin board, Changeable. J. B. D'Ippolito. Des. 90,402; Aug. 1.
- Sheet conveyer. E. L. Walker. 1,909,439; May 16.
- Sheet cutting and feeding machine. H. M. Barber. 1,939,196; Dec. 12.
- Sheet cutting machine. C. E. Coleman. 1,907,742; May 9.
- Sheet cutting machine. W. Egger. 1,907,760; May 9.
- Sheet feeder. J. M. Darbaker. 1,911,884; May 30.
- Sheet-feeder. C. W. Harrold. 1,920,388; Aug. 1.
- Sheet feeder. C. W. Harrold. 1,922,040; Aug. 15.
- Sheet feeder. F. McCarthy. 1,919,238; July 25.
- Sheet feeding and trimming mechanism. E. R. Kast and J. H. McElroy. 1,937,576; Dec. 5.
- Sheet feeding apparatus. A. Broadmeyer. 1,915,258; June 20.
- Sheet feeding apparatus. A. Broadmeyer. 1,939,589; Dec. 12.
- Sheet feeding apparatus. R. M. Fenton. 1,895,073; Jan. 24.
- Sheet feeding apparatus. J. Perry. 1,921,167; Aug. 8.
- Sheet feeding device. H. Kratz. 1,903,678; Apr. 11.
- Sheet feeding machine. H. E. Lindblad. 1,894,622; Jan. 17.
- Sheet feeding mechanism. A. Broadmeyer. 1,924,908; Aug. 29.
- Sheet feeding mechanism. E. F. Dudley. 1,920,295; Aug. 1.
- Sheet feeding mechanism. A. A. Stone. 1,893,455; Jan. 3.
- Sheet for loose leaf ring books, Fly. J. Schade. 1,911,398; May 30.
- Sheet for postage stamps, Stock. C. Pappalias. 1,912,691; May 30.
- Sheet for sanitary and surgical purposes and making the same. L. L. Gilbert. 1,893,669; Jan. 10.
- Sheet gauge. J. Flockhart. 1,898,530; Feb. 21.
- Sheet guide and scrap dumper. T. W. Allsworth. 1,925,915; Sept. 5.
- Sheet handling mechanism. F. H. Goodell and J. E. Chinnock. 1,921,744; Aug. 8.
- Sheet-handling mechanism for printing presses. O. C. F. Meisel. 1,929,096; Oct. 3.
- Sheet holding rack. M. W. Krauth. 1,905,109; Apr. 25.
- Sheet material. W. E. Ebling. Des. 90,754; Sept. 26.
- Sheet material and apparatus therefor, Packaging. S. Slovin. 1,912,388; June 6.
- Sheet material article and making the same. H. Palais. 1,923,881; Aug. 22.
- Sheet material, Coated. C. E. Foley. 1,895,711; Jan. 31.
- Sheet material, Device for cutting. D. H. Goodwillie and E. L. Walters. 1,922,620; Aug. 15.
- Sheet material. Drying moistened. C. C. Willis. 1,936,651; Nov. 28.

- Sheet material, Laminated. C. E. Beecher. 1,936,375; Nov. 21.
- Sheet material, Manufacture of fibrous. E. Hopkinson. 1,897,479; Feb. 14.
- Sheet material, Method and apparatus for gauging. R. Mayne. 1,925,904; Sept. 5.
- Sheet material presenting an inflated pebbled surface and making the same, Coated. W. N. Shelton. 1,918,937; July 18.
- Sheet material, Process and machine for treating moisture-proof. S. Bergstein. 1,926,363; Sept. 12.
- Sheet material with granular material, Apparatus for coating. J. G. MacIldowie. 1,896,638; Feb. 7.
- Sheet material with pigments, varnishes, lacquers or the like, Apparatus for surfacing. G. M. Brown. 1,923,909; Aug. 22.
- Sheet materials, Apparatus for dispensing. W. Fairchild. 1,932,926; Oct. 31.
- Sheet metal clamp. W. S. Strom. 1,900,314; Mar. 7.
- Sheet metal clip. A. S. Weinstein. 1,930,734; Oct. 17.
- Sheet metal container. W. W. Maher. 1,919,237; July 25.
- Sheet metal container. C. H. Rollason. 1,917,063; July 4.
- Sheet metal container. J. M. Young. 1,917,284; July 11.
- Sheet metal die. G. E. Ireland. 1,921,188; Aug. 8.
- Sheet metal drawing press. F. J. Rode. 1,918,784; July 18.
- Sheet metal forms, Apparatus for forming. J. L. Auble. 1,919,287; July 25.
- Sheet-metal press. O. Kühner. 1,893,951; Jan. 10.
- Sheet metal receptacle. W. H. Nesbitt. 1,923,742; Aug. 22.
- Sheet pasting machine, Method of and mechanism for superimposing a sheet upon and attaching it to a selected book section or the like in a. O. Kleinschmit and W. Geissler. 1,912,527; June 6.
- Sheet piler. E. C. Reilly and M. P. Sieger. 1,923,458; Aug. 22.
- Sheet piles. J. E. Amand. 1,918,886; July 18.
- Sheet piling. F. R. Harris. 1,937,758; Dec. 5.
- Sheet piling. G. E. Thackray. 1,896,259; Feb. 7.
- Sheet piling bulkhead. O. F. Doyle. 1,902,397; Mar. 21.
- Sheet pinning machine. J. E. Higgins. 1,931,195; Oct. 17.
- Sheet press and method. H. P. L. Laussucq. 1,907,204-5; May 2.
- Sheet, Protective wrapping. E. A. Hall, jr. 1,915,416; June 27.
- Sheet registering device. C. B. Cottrell, 3d. 1,941,248; Dec. 26.
- Sheet securing means, Flexible. A. G. Jacobson. 1,913,392; June 13.
- Sheet-separating apparatus. S. J. Finn. 1,905,835; Apr. 25.
- Sheet separator for paper feeding machines. F. L. Cross. 1,904,416; Apr. 18.
- Sheet severing mechanism. O. R. Winter. 1,902,604; Mar. 21.
- Sheet sign for application to articles. J. S. Mitchell. 1,926,685; Sept. 12.
- Sheet-stack handling mechanism. L. R. Johnson. 1,912,941; June 6.
- Sheet straightening machine. A. H. Long. 1,911,321; May 30.
- Sheet to thickness, Method and apparatus for reducing a. J. C. Blair. 1,895,405; Jan. 24.
- Sheet transfer method and apparatus. H. P. L. Laussucq. 1,907,207; May 2.
- Sheet, Transparent. M. Gentile. 1,908,341; May 9.
- Sheet, Wrapping. R. C. and H. L. Seybold. 1,939,794; Dec. 19.
- Sheeting and masking for painting, Adhesive. R. G. Drew. 1,895,978; Jan. 31.
- Sheeting, Decorated plastic. R. F. Dickson. 1,936,351; Nov. 21.
- Sheeting, Hospital. S. H. Rubin and J. J. Clifford. 1,916,640; July 4.
- Sheets and means therefor, Corrugating. E. E. Eriksson. 1,941,078; Dec. 26.
- Sheets, Apparatus for corrugating. H. H. Crafton. 1,936,228; Nov. 21.
- Sheets, Apparatus for drying. J. Wynd and J. H. Sherts. 1,930,575; Oct. 17.
- Sheets, Apparatus for forming fiber. H. W. Piquet. 1,939,518; Dec. 12.
- Sheets containing a solvent, Seasoning. G. J. Esselen and I. Weber. 1,937,687; Dec. 5.
- Sheets, Cutting. F. H. Streine. 1,931,362; Oct. 17.
- Sheets, Drying printed. P. Altholson, F. T. Wood, and A. A. Wittebel. 1,925,429; Sept. 5.
- Sheets, Forming copying. C. L. H. Supligeau and R. J. Guyot. 1,911,592; May 30.
- Sheets, Forming corrugated. J. L. Bixby. 1,916,120; June 27.
- Sheets from a stack of sheets, Apparatus for withdrawing single. A. Winkler and M. Dünnebiel. 1,939,193; Dec. 12.
- Sheets from pulp, Forming. W. J. Hyde. 1,898,372; Feb. 21.
- Sheets, Making. C. D. Bonsall. 1,915,084; June 20.
- Sheets, Making spliced rubber. H. L. Trumbull. 1,899,067; Feb. 28.
- Sheets, Method and apparatus for feeding. A. Schade. 1,932,680; Oct. 31.
- Sheets, Method and apparatus for separating adhesively joined. F. B. Pfeiffer. 1,902,139; Mar. 21.
- Sheets, Method of and apparatus for making pertused. E. A. Colby. 1,938,318; Dec. 5.
- Sheets, Method of and apparatus for making reenforced. W. H. Cannard. 1,934,589; Nov. 7.
- Sheets, Method of and apparatus for stacking. H. L. Joachim. 1,902,436; Mar. 21.
- Sheets of decorated plastic material, Manufacture of. J. A. Renouprez. 1,912,401; June 6.
- Sheets of safety glass, Producing composite. C. H. H. Lamberty. 1,899,621; Feb. 28.
- Sheets or films, Apparatus for making. L. T. Stephens. 1,921,953; Aug. 8.
- Sheets to machines, Feeding. G. Spiess. 1,910,506; May 23.
- Shelf and hanger supported therewith, Combination of wall. A. B. Ogden. Des. 90,164; June 20.
- Shelf bracket. T. M. Keefe. 1,913,988; June 13.
- Shelf bracket. C. S. Parker. 1,939,408; Dec. 12.
- Shelf bracket. C. E. Tisdale. 1,911,727; May 30.
- Shelf bracket construction. H. F. Keil. 1,931,321; Oct. 17.
- Shelf clamp. W. D. Collins and C. E. Ploeger. 1,914,823; June 20.
- Shelf clip. L. H. Darbyshire. 1,938,217; Dec. 5.
- Shelf construction, Display. S. Goldman. 1,928,151; Sept. 26.
- Shelf, Extensible. E. G. Charter. 1,925,371; Sept. 5.
- Shelf for refrigerators, show cases, and the like. J. E. Saum. 1,930,773; Oct. 17.
- Shelf, Hanging. L. Guild. Des. 91,066; Nov. 21.
- Shelf means, Evaporator. F. G. Siagel. 1,907,011; May 2.
- Shelf, Refrigerator cabinet. J. L. Knight. 1,896,846; Feb. 7.
- Shelf retainer. A. Y. Dowell. 1,918,457; July 18.
- Shelf, Rolling. F. J. Powell. 1,920,666; Aug. 1.
- Shelf support. S. Buben. 1,916,202; July 4.
- Shelf support. W. H. Ellis. 1,930,645; Oct. 17.
- Shelf support. A. E. Nave. 1,930,656; Oct. 17.
- Shelf, Wall. L. Guild. Des. 91,067-8; Nov. 21.
- Shelf, Window display. J. M. Haggard. 1,933,374; Oct. 31.
- Shelf, Window garden. C. H. Gueth and C. G. Eastley. 1,894,310; Jan. 17.
- Shell and meat separator. J. L. Biggs. 1,935,385; Nov. 14.
- Shell, Asphalt coated. W. R. Parker. 1,926,630; Sept. 12.
- Shell, Beading a cylindrical sheet metal. B. J. Lindgren. 1,908,521; May 9.
- Shell cupola. F. Dischinger. 1,940,401; Dec. 19.
- Shell for firearms, Refillable. A. F. Gaidos. 1,936,905; Nov. 28.
- Shell rings for gasholders, Manufacturing. K. Jagschitz. 1,933,142; Oct. 31.
- Shellac-ester lacquer. W. H. Gardner. 1,910,100; May 23.
- Shellac-pigment composition. W. H. Gardner. 1,918,804; July 18.
- Shellac substitute. J. Scheiber. 1,903,598; Apr. 11.
- Shellac substitutes, Manufacture of. J. Scheiber. 1,927,472; Sept. 19.
- Sheller, Corn. A. B. Dieterich. 1,917,636; July 11.
- Sheller, Corn. S. N. Revis. 1,903,516; Apr. 11.
- Shellfish culture. W. F. Wells. 1,933,950; Nov. 7.
- Shelling apparatus. R. Hoe. 1,906,598; May 2.
- Shells for concrete piles, Apparatus for manufacture of spiral. T. L. Hughes and A. E. Twist, jr. 1,932,271; Oct. 24.
- Shells for the construction of roofs, Single curved. F. Dischinger and U. Finsterwalder. 1,940,402; Dec. 19.
- Shelter, Collapsible. H. J. Baumer. 1,912,425; June 6.
- Shelving. F. M. Zimmerman. 1,930,787; Oct. 17.
- Shelving and the like, Metallic. A. S. King. 1,930,978; Oct. 17.
- Shelving appliance. E. O. Bulman. 1,897,187; Feb. 14.
- Shelving, Cabinet. L. E. and R. H. Dampier. 1,903,334; Apr. 4.
- Shelving construction. J. E. Bales. 1,917,917; July 11.
- Shelving construction. A. S. Katz. 1,904,052; Apr. 18.
- Shelving for display cabinets, Extension. W. Ochse. 1,940,877; Dec. 26.
- Shelving, Metal. G. D. Wiepurt. 1,940,281; Dec. 19.
- Shelving, Sheet metal. F. M. Zimmerman. 1,937,935; Dec. 5.
- Shield. G. J. Conover. 1,912,178; May 30.
- Shield. H. W. Kulp and M. C. Dellinger. 1,927,126; Sept. 19.
- Shield. M. Martinson. 1,895,197; Jan. 24.
- Shield, Adjustable glare. F. R. Soukup. 1,927,137; Sept. 19.
- Shield and grille, Automobile. G. L. Smith. 1,894,715; Jan. 17.
- Shield and making same, Garment. J. G. Dupont. 1,897,952; Feb. 14.
- Shield and material support. Coat. M. Blicher. 1,929,051; Oct. 3.
- Shield anode grid glow tube. D. D. Knowles. 1,939,063; Dec. 12.
- Shield, Antiglare. W. S., G. D., and W. J. Hawkins. 1,918,701; July 18.
- Shield, Antiglare. C. I. Hoople. 1,913,277; June 6.
- Shield, Antiglare. M. K. Klein. 1,907,356; May 2.
- Shield, Automobile brake. R. J. Givens. 1,923,086; Aug. 22.

- Shield, Automobile sun and glare. G. E. Gagnier and B. C. Place. 1,940,540; Dec. 19.
- Shield, Bucket. R. Thompson. 1,910,484; May 23.
- Shield, Cable terminal. H. J. Peterson. Re19,002; Nov. 14.
- Shield, Carbon. L. J. Miller. 1,940,364; Dec. 19.
- Shield, Coiffure. G. D. Burke. 1,934,404; Nov. 7.
- Shield, Deflector. J. R. Thorp. 1,917,076; July 4.
- Shield, Draft. H. P. Brown. 1,924,705; Aug. 29.
- Shield, Exhaust valve stem. D. F. Asbury. 1,903,158; Mar. 28.
- Shield, Expansion. R. E. McIntosh. 1,903,241; Mar. 28.
- Shield, Expansion. T. J. Noonan. 1,919,901; July 25.
- Shield for automotive vehicles, Glare. G. E. Gagnier and B. C. Place. 1,908,837; May 16.
- Shield for bassinets and the like. E. B. McGill. 1,897,525; Feb. 14.
- Shield for brake drums, Dust. W. H. Simmons. 1,927,816; Sept. 19.
- Shield for headlights, Antiglare. J. L. Kelly. 1,919,224; July 25.
- Shield for hot air registers or the like. W. A. Wiesman. 1,921,305; Aug. 8.
- Shield for ignition coils. B. R. King. 1,903,784; Apr. 18.
- Shield for leads from micro-ray tubes. A. G. Clavier. 1,928,408; Sept. 26.
- Shield for rotary implements, Self-cleaning. F. F. Paris. 1,910,402; May 23.
- Shield for skylight, floor light and vault structures. J. H. Old. 1,893,101; Jan. 3.
- Shield for spectacles, Glare. E. B. Redman. 1,917,900; July 11.
- Shield for suspended wearing apparel. M. H. Sidebotham. 1,904,092; Apr. 18.
- Shield for the freezing space of refrigeration apparatus, Thermal. D. F. Keith. 1,901,845; Mar. 14.
- Shield for use in applying eyelash make-up, Protective. H. A. Ballard and J. Hart. 1,907,476; May 9.
- Shield for vehicles, Rain and sun. W. T. Clark. 1,900,097; Mar. 7.
- Shield for warm air registers, Dust. R. G. Bender. 1,914,397; June 20.
- Shield for windshields, Antiglare. G. A. Shape. 1,913,961; June 13.
- Shield, Frost. A. W. Kile. 1,915,098; June 20.
- Shield, Frost. J. R. Thorp. 1,914,183; June 13.
- Shield, Fused grading. K. A. Hawley. 1,926,871; Sept. 12.
- Shield, Glare. W. T. Clark. 1,931,020; Oct. 17.
- Shield, Glare. L. Fuchs. 1,900,337; Mar. 7.
- Shield, Glare. G. P. Knowles. 1,941,032; Dec. 26.
- Shield, Glare. W. J. Summerbell. 1,916,499; July 4.
- Shield, Guy. F. N. Bierce. 1,901,550; Mar. 14.
- Shield, Hair waving. R. M. Keele. 1,937,041; Nov. 28.
- Shield, Headlight. J. M. Landry. 1,920,992; Aug. 8.
- Shield, Inside glare. W. O. Hunter. 1,922,295; Aug. 15.
- Shield, Nonglare mirror. W. A. Schollmeyer. 1,910,503; May 23.
- Shield or anchor, Expansion. C. C. Tomkinson. 1,921,794; Aug. 8.
- Shield or cover, Radiator. A. Ehrmanjian. 1,908,331; May 9.
- Shield or guard, Athletic. W. P. Whitley. 1,898,606; Feb. 21.
- Shield, Radiator. S. Kauffman. 1,892,954; Jan. 3.
- Shield, Rear vision mirror. F. M. Gifford. 1,926,979; Sept. 12.
- Shield, Safety. E. W. Hoffman. 1,894,867; Jan. 17.
- Shield, shelf, and ventilator, Wall. T. J. Sullivan. 1,894,896; Jan. 17.
- Shield, Spark plug. J. J. Mascuch. Des. 91,174; Dec. 12.
- Shield structure for automobiles, Collapsible bullet. T. F. Brennan. 1,928,306; Sept. 26.
- Shield, Sun. A. Peteler. 1,932,475; Oct. 31.
- Shield, Weather. J. T. Blair. 1,897,382; Feb. 14.
- Shield, Welder's. F. W. Bowers. 1,919,927; July 25.
- Shield, Wheel and bumper. D. E. Willett. 1,930,376; Oct. 10.
- Shield, Wind deflector. C. Larsen. 1,922,964; Aug. 15.
- Shielded spark plug. L. F. Hahn. 1,929,202-3; Oct. 3.
- Shielded spark-plug. G. M. Paulson. 1,930,322; Oct. 10.
- Shielded spark plug. H. Rabezzana. 1,940,325; Dec. 19.
- Shielding. H. J. Harris. 1,933,261; Oct. 31.
- Shields, Paper radiator. B. Altheimer. 1,935,900; Nov. 21.
- Shift mechanism. H. E. Blood, J. C. Buchanan, and R. L. Mapson. 1,927,484; Sept. 19.
- Shift rod controlling device. A. A. Hodgkins. 1,914,255; June 13.
- Shifting device. R. F. Peo. 1,905,496; Apr. 25.
- Shim. F. A. Cook. 1,892,932; Jan. 3.
- Shim. B. Darrach, Jr. 1,933,050; Oct. 31.
- Shim, Caster-maintaining. C. H. Phelps. 1,894,495; Jan. 17.
- Shim for freight car trucks, Absorption. T. H. Symington. 1,911,330; May 30.
- Shims for trucks, Absorption. T. H. Symington. 1,911,331; May 30.
- Shingle. A. C. Fischer. 1,927,436; Sept. 19.
- Shingle. H. Forbes. 1,925,239; Sept. 5.
- Shingle. N. P. Harshberger. Re18,772; Mar. 21.
- Shingle. N. P. Harshberger. 1,898,989; Feb. 21.
- Shingle. N. P. Harshberger. 1,901,161; Mar. 14.
- Shingle. J. O. Jones. 1,895,038; Jan. 24.
- Shingle. A. F. Martin. 1,920,474; Aug. 1.
- Shingle and fastening therefor. A. Applegate. 1,927,696; Sept. 19.
- Shingle, Composite. D. Heaney. 1,936,055; Nov. 21.
- Shingle, Composite. H. P. Taylor. 1,937,255; Nov. 28.
- Shingle, Composition. H. H. Honigbaum. 1,893,028; Jan. 3.
- Shingle construction, Interlocking. H. C. Naterman. 1,941,105; Dec. 26.
- Shingle cutter. R. G. Hoffer. 1,906,599; May 2.
- Shingle element and making same. N. P. Harshberger. 1,913,667; June 13.
- Shingle handling machine. S. B. Howe and S. C. Bliss. 1,898,664; Feb. 21.
- Shingle, Interlocking. J. E. Berkheimer. 1,902,155; Mar. 21.
- Shingle, Interlocking. D. F. Fradette. 1,927,586; Sept. 19.
- Shingle-like slab forming process and apparatus. E. R. Powell. 1,928,435; Sept. 26.
- Shingle machine. D. Brown. 1,894,394; Jan. 17.
- Shingle machine. N. P. Harshberger. 1,894,037; Jan. 10.
- Shingle, Metal. B. E. Carlson and J. Studer. 1,940,243; Dec. 19.
- Shingle-planing machine. E. E. Gilmer. 1,910,895; May 23.
- Shingle roof. R. T. Johnston. 1,923,002; Aug. 15.
- Shingle, Roofing. J. R. Rife. Des. 91,061; Nov. 21.
- Shingle sawing machine. M. T. Whiting. 1,895,016; Jan. 24.
- Shingle, Strip. A. E. F. Moore. Des. 89,783; May 2.
- Shingle strip. A. E. F. Moore. 1,913,768; June 13.
- Shingle strip. C. W. Mortimer. 1,935,656; Nov. 21.
- Shingle, Strip. J. L. Wettlaufer. 1,894,614-15; Jan. 17.
- Shingle strip. F. W. Yeager. 1,937,933; Dec. 5.
- Shingles, Apparatus and process for making composition. R. W. Conant. 1,913,475; June 13.
- Shingles, Apparatus for making prepared. D. A. Cumfer. 1,916,096; June 27.
- Shingles, Apparatus for making variegated strip. C. R. Eckert. 1,927,820; Sept. 26.
- Shingles, Making prepared. D. A. Cumfer. 1,916,095; June 27.
- Shingles, Siding. C. P. Cowan. 1,911,014; May 23.
- Shingles, Treating. W. S. Johnston. 1,892,672; Jan. 3.
- Shingles with sealed edges, Producing thick butt. C. R. Eckert. 1,927,824; Sept. 26.
- Ship construction. W. Lambert and H. H. German. 1,911,625; May 30.
- Ship drive-coupling mechanism. O. Hegemann. 1,902,701; Mar. 21.
- Ship model, Rocket. W. B. Ferris. Des. 90,840; Oct. 10.
- Ship, Passenger. J. Blokland Visser. 1,892,820; Jan. 3.
- Ship propulsion system. R. H. Collingham. 1,895,377; Jan. 24.
- Ship-propulsion system. W. Schoeni. 1,910,368; May 23.
- Ship-propulsion system, Electric. J. C. Wilson and H. S. Carnegie. 1,922,226; Aug. 15.
- Ship, Self-unloading. C. H. Bradley. 1,901,549; Mar. 14.
- Ship stabilizer. H. Hort. 1,894,272; Jan. 17.
- Shipping and dispensing container for sheet material. M. D. Lee and H. M. Thomas. 1,917,376; July 11.
- Shipping and dispensing fountain. F. N. Martin. 1,907,301; May 2.
- Shipping and display box. I. C. Keller. 1,903,461; Apr. 11.
- Shipping and display case, Combination. H. F. Feeback. 1,930,386; Oct. 10.
- Shipping and merchandise dispensing container, Combined. N. E. Heil. 1,927,343; Sept. 19.
- Shipping can. L. B. Meacham. 1,925,454; Sept. 5.
- Shipping case. A. L. Brack. 1,912,686; June 6.
- Shipping container. W. F. Crawford. 1,895,278; Jan. 24.
- Shipping container. F. J. Heacock. 1,909,272; May 16.
- Shipping container. M. G. Kenyon and M. H. Kluter. 1,900,820; Mar. 7.
- Shipping container. H. H. McKee. 1,909,114; May 16.
- Shipping container. O. A. Pellymounter. 1,901,530; Mar. 14.
- Shipping container. R. B. Porter. 1,898,892; Feb. 21.
- Shipping container. R. B. Porter and C. E. Chapple. 1,929,330; Oct. 3.
- Shipping container. M. R. Shofer. 1,940,190; Dec. 19.
- Shipping container. V. Willoughby. 1,937,615; Dec. 5.
- Shipping container, Collapsible. H. L. Smith. 1,931,397; Oct. 17.
- Shipping container, Fiberboard. E. S. Gomes. 1,926,941; Sept. 12.
- Shipping jacket for perishable commodities. W. F. Crawford. 1,895,277; Jan. 24.
- Shipping package. C. White. 1,913,649; June 13.
- Ships, Apparatus for riveting plates of. G. H. Bates. 1,902,821; Mar. 28.
- Ships, Propelling. A. Knaus. 1,911,827; May 30.
- Ship's trim indicator. H. Bennett. 1,896,998; Feb. 7.
- Shirt. H. Kleinberg. 1,896,242; Feb. 7.
- Shirt. J. C. Lockwood. 1,906,912; May 2.
- Shirt board. I. Goldberg. 1,907,280; May 2.
- Shirt display means. G. D. Melas. 1,933,867; Nov. 7.
- Shirt folding apparatus. J. J. O'Shea. 1,895,204; Jan. 24.
- Shirt folding machine. N. S. McEwen and Le R. E. Moulthrop. 1,937,430; Nov. 28.
- Shirt for use with concealed suspenders. M. F. Killory. 1,897,261; Feb. 14.
- Shirt holder. L. E. Baer. 1,909,085; May 16.
- Shirt package. T. H. Golden. 1,906,150; Apr. 25.
- Shirt pressing machine with laterally movable head. E. Davis. 1,904,858; Apr. 18.
- Shirt protector. N. E. Moore. 1,916,328; July 4.

- Shirt protector, Dress. N. E. Blechman. 1,938,510; Dec. 5.
- Shirt retaining device. S. O. Wadding. 1,897,090; Feb. 14.
- Shock absorber. E. L. Beecher. 1,901,839; Mar. 14.
- Shock absorber. F. B. Bell. 1,908,655; May 9.
- Shock absorber. C. A. Bluhm. 1,920,055; July 25.
- Shock absorber. A. B. Casper. 1,910,240; May 23.
- Shock absorber. A. B. Casper. 1,926,800; Sept. 12.
- Shock absorber. C. H. Chapin. 1,904,040; Apr. 18.
- Shock absorber. J. M. Christman. 1,938,568; Dec. 12.
- Shock absorber. G. M. Cross. 1,896,539; Feb. 7.
- Shock absorber. J. M. Crowe. 1,932,770; Oct. 31.
- Shock absorber. L. H. Davis. 1,924,231; Aug. 29.
- Shock absorber. C. H. Foster. 1,903,423; Apr. 11.
- Shock absorber. C. H. Foster. 1,903,447; Apr. 11.
- Shock absorber. M. L. Fox. 1,898,622; Feb. 21.
- Shock absorber. M. L. Fox. 1,909,943; May 23.
- Shock absorber. F. J. Gibbons. 1,924,184; Aug. 29.
- Shock absorber. G. A. Gillen. 1,920,251; Aug. 1.
- Shock absorber. F. Gitzendanner. 1,900,497; Mar. 7.
- Shock absorber. E. G. Gunn. 1,903,453; Apr. 11.
- Shock absorber. E. G. Gunn. 1,935,741; Nov. 21.
- Shock absorber. J. M. Hall. 1,897,730; Feb. 14.
- Shock absorber. C. F. Hammond, jr. 1,899,271; Feb. 28.
- Shock absorber. J. H. Hardy. 1,936,788; Nov. 28.
- Shock absorber. C. H. Havill. 1,912,840; June 6.
- Shock absorber. D. Head. 1,921,121; Aug. 8.
- Shock absorber. R. Heizmann. 1,908,349; May 9.
- Shock absorber. H. E. Jackson. 1,936,876; Nov. 28.
- Shock absorber. C. H. Land. 1,893,625; Jan. 10.
- Shock absorber. H. H. Logan. 1,940,871; Dec. 26.
- Shock absorber. W. Lottritz. 1,931,735; Oct. 24.
- Shock absorber. B. L. Mallory. 1,933,863; Nov. 7.
- Shock absorber. V. P. Mathews. 1,930,317; Oct. 10.
- Shock absorber. G. K. McKee. 1,903,006; Mar. 28.
- Shock absorber. R. S. M. Mitchell. 1,937,495; Nov. 28.
- Shock absorber. A. Moorhouse. 1,908,996; May 16.
- Shock absorber. R. H. Moulton. 1,923,011; Aug. 15.
- Shock absorber. R. H. Moulton. 1,930,687; Oct. 17.
- Shock absorber. J. M. Nalle. 1,938,084; Dec. 5.
- Shock absorber. J. M. Nickelsen. 1,922,600; Aug. 15.
- Shock absorber. M. Olley. 1,928,228; Sept. 26.
- Shock absorber. M. Olley. 1,930,282; Oct. 10.
- Shock absorber. W. H. Orpen. 1,924,802; Aug. 29.
- Shock absorber. G. E. Parker. 1,912,092; May 30.
- Shock absorber. J. C. Parsons. 1,912,093; May 30.
- Shock absorber. A. F. Paul. 1,898,210; Feb. 21.
- Shock absorber. R. F. Peo. 1,910,049; May 23.
- Shock absorber. R. F. Peo. 1,920,272-3; Aug. 1.
- Shock absorber. R. F. Peo. 1,937,126; Nov. 28.
- Shock absorber. A. Peteler. 1,924,372; Aug. 29.
- Shock absorber. H. Rawdon and W. E. Burnham. 1,902,421; Mar. 21.
- Shock absorber. W. W. Riedel. 1,928,231; Sept. 26.
- Shock absorber. F. S. Rippingille. 1,937,358; Nov. 28.
- Shock absorber. J. P. Rock. 1,922,457; Aug. 15.
- Shock absorber. E. F. Rossman. 1,918,565; July 18.
- Shock absorber. E. F. Rossman. 1,933,151; Oct. 31.
- Shock absorber. A. B. Shultz. 1,914,677; June 20.
- Shock absorber. A. B. Shultz. 1,920,218; Aug. 1.
- Shock absorber. I. Sikorsky. 1,898,694; Feb. 21.
- Shock absorber. D. Simon. 1,906,643; May 2.
- Shock absorber. L. Simon and R. Marcon. 1,921,951; Aug. 8.
- Shock absorber. S. C. Smith. 1,897,443; Feb. 14.
- Shock absorber. A. A. Thayer. 1,936,695; Nov. 28.
- Shock absorber. M. Tibbets. 1,918,574; July 18.
- Shock absorber. F. E. Ullery. 1,923,128; Aug. 22.
- Shock absorber. J. B. Whitted. 1,908,391; May 9.
- Shock absorber and control means therefor, Hydraulic. E. L. Beecher. 1,911,545; May 30.
- Shock absorber and jack for vehicles, Combined. A. McNab. 1,897,581; Feb. 14.
- Shock absorber and the like, Hydraulic. J. A. Knight. 1,941,149; Dec. 26.
- Shock absorber and thermostat therefor. A. Peteler. 1,924,374; Aug. 29.
- Shock absorber and valve therefor. A. Peteler. 1,924,373; Aug. 29.
- Shock absorber adjusting device. M. Houdaille. 1,924,404; Aug. 29.
- Shock absorber, Double-acting. W. A. Chryst. 1,898,339; Feb. 21.
- Shock absorber for automobiles, Liquid and friction. A. Dufaux. 1,914,492; June 20.
- Shock absorber for lubricating apparatus. G. H. Hartman. 1,939,978; Dec. 19.
- Shock absorber for mechanically propelled road vehicles. F. Smith. 1,915,036; June 20.
- Shock absorber for motor vehicle steering gears, Shimmy. T. W. Koerner. 1,895,576; Jan. 31.
- Shock absorber for rotatable elements. L. J. Black. 1,893,486; Jan. 10.
- Shock absorber for seats. A. W. Cliffe. 1,926,763; Sept. 12.
- Shock absorber for vehicles. C. J. Crane. 1,937,511; Dec. 5.
- Shock absorber for vehicles. H. Hume. 1,893,800; Jan. 10.
- Shock absorber for vehicles. J. B. Whitted. 1,908,390; May 9.
- Shock absorber, Hydraulic. J. G. Everstam and E. A. Everstam, née Ericsson. 1,923,031; Aug. 15.
- Shock absorber, Hydraulic. N. F. Hadley. 1,918,034; July 11.
- Shock absorber, Hydraulic. S. Jencick. 1,907,824; May 9.
- Shock absorber, Hydraulic. F. O. Kilgore. 1,893,058; Jan. 3.
- Shock absorber, Hydraulic. C. N. Mitchell. 1,923,038; Aug. 15.
- Shock absorber, Hydraulic. A. Moorhouse. 1,903,377; Apr. 4.
- Shock absorber, Hydraulic. A. Moorhouse. 1,920,098; July 25.
- Shock absorber mechanism. J. W. Gray. Re18,747; Feb. 28.
- Shock absorber, Pneumatic. P. W. Kane. 1,904,372; Apr. 18.
- Shock absorber, Pneumatic. P. W. Kane. 1,917,589; July 11.
- Shock absorber, Pneumatic. P. W. Kane. 1,938,392; Dec. 5.
- Shock absorber unit. C. J. Nash. 1,938,856; Dec. 12.
- Shock absorber valve. W. A. Chryst. 1,905,149; Apr. 25.
- Shock absorber, Vehicle. W. M. Haskins. 1,915,607; June 27.
- Shock absorber with remote control and adjusting device, Hydraulic. M. L. Fox. 1,921,025; Aug. 8.
- Shock absorber, Wrist pin. C. E. Duffield. 1,933,420; Oct. 31.
- Shock absorbing device. R. L. Gruss. 1,918,697; July 18.
- Shock absorbing device for airplane package transfer apparatus. L. S. Adams. 1,935,283; Nov. 14.
- Shock-absorbing device for appliances such particularly as aircraft parachutes. G. Tricau. 1,935,339; Nov. 14.
- Shock absorbing mechanism. C. K. Brooks. 1,914,479; June 20.
- Shock absorbing mechanism. J. W. Gray. 1,899,909; Feb. 28.
- Shock absorbing mechanism. S. B. Haseltine. 1,905,864; Apr. 25.
- Shock absorbing mechanism. H. T. Krakau. 1,912,646; June 6.
- Shock absorbing mechanism. D. D. Levy. 1,925,101; Sept. 5.
- Shock absorbing mechanism. J. F. O'Connor. 1,905,492; Apr. 25.
- Shock absorbing mechanism. G. W. Wildin. 1,938,881; Dec. 12.
- Shock absorbing mechanism for typewriting machines. H. A. Foothorap. 1,914,885; June 20.
- Shock absorbing mechanism, Friction. S. B. Haseltine. 1,907,068; May 2.
- Shock absorbing mechanism, Friction. S. B. Haseltine. 1,932,729-30; Oct. 31.
- Shock absorbing mechanism, Friction. S. B. Haseltine. 1,934,851; Nov. 14.
- Shock absorbing mechanism, Friction. S. B. Haseltine. 1,935,796; Nov. 21.
- Shock absorbing mechanism, Friction. G. A. Johnson. 1,931,495; Oct. 24.
- Shock absorbing mechanism, Friction. W. H. Miner. 1,904,379; Apr. 18.
- Shock absorbing mechanism, Friction. H. A. Miner. 1,938,715; Dec. 12.
- Shock absorbing mechanism, Friction. J. F. O'Connor. 1,897,584; Feb. 14.
- Shock absorbing mechanism, Friction. J. F. O'Connor. 1,898,594; Feb. 21.
- Shock absorbing mechanism, Friction. J. F. O'Connor. 1,899,522; Feb. 28.
- Shock absorbing mechanism, Friction. G. W. Wildin. 1,897,730; Feb. 14.
- Shock absorbing mechanism, Friction. H. F. Woernley. 1,914,628; June 20.
- Shock absorbing spring. L. E. Fowler. 1,923,361; Aug. 22.
- Shock absorbing strut for aeroplanes. R. L. Gruss. 1,918,698; July 18.
- Shock absorbing wheel. W. A. Brown. 1,924,269; Aug. 29.
- Shock compensator. J. M. Keller. 1,915,935; June 27.
- Shock damping device. F. H. Royce. 1,893,339; Jan. 3.
- Shock handling machine. L. T. Velen. 1,905,321; Apr. 25.
- Shock preventer for clamshell buckets. W. M. Venable. 1,909,081; May 16.
- Shocker, Wheat. W. M. Walburt. 1,931,337; Oct. 17.
- Shockproof mounting for a high power frequency amplifier system. L. A. Gebhard and C. F. Rudolph. 1,903,812; Apr. 18.
- Shoe. T. R. Atkins. Des. 89,294-5; Feb. 21.
- Shoe. A. Bender. 1,937,622; Dec. 5.
- Shoe. B. F. Bernstein. Des. 91,006-7; Nov. 14.
- Shoe. W. L. Brady. Des. 89,384-5; Mar. 7.
- Shoe. A. J. Brauer and F. P. Wagner. Des. 90,355; July 25.
- Shoe. C. Burgstahler. Des. 90,190; June 27.
- Shoe. C. H. Caldwell. Des. 89,121; Jan. 31.
- Shoe. E. R. Casey. Des. 89,123; Jan. 31.
- Shoe. C. H. Daniels. Des. 90,233-5; July 4.
- Shoe. E. M. Daniels. Des. 90,615; Sept. 5.
- Shoe. W. J. Devine. Des. 91,234; Dec. 26.
- Shoe. N. Elkin. Des. 88,864; Jan. 3.
- Shoe. N. Elkin. Des. 89,748; May 2.
- Shoe. N. Elkin. Des. 89,987; May 23.
- Shoe. I. E. Grossman. Des. 89,955-9; May 23.
- Shoe. K. Grosz. Des. 89,756; May 9.
- Shoe. K. Grosz. 1,908,602; May 9.
- Shoe. F. Grubs. Des. 89,615; Apr. 18.
- Shoe. J. A. Holmes. 1,908,293; May 9.
- Shoe. H. G. Johansen. Des. 90,195; June 27.

- Shoe. T. O. Johnsen. 1,923,830; Aug. 22.
 Shoe. A. R. Just. 1,911,694; May 30.
 Shoe. M. Lapidus. 1,922,051; Aug. 15.
 Shoe. C. Miller. Des. 89,052; Jan. 17.
 Shoe. C. Miller. Des. 90,199-207; June 27.
 Shoe. C. Miller. Des. 90,258; July 4.
 Shoe. C. Miller. Des. 90,371-3; July 25.
 Shoe. C. Miller. Des. 90,411-12; Aug. 1.
 Shoe. C. Miller. Des. 90,446-7; Aug. 8.
 Shoe. C. Miller. Des. 90,496-504; Aug. 15.
 Shoe. C. Miller. Des. 90,535-45; Aug. 22.
 Shoe. C. Miller. Des. 90,628-9; Sept. 5.
 Shoe. C. Miller. Des. 90,674; Sept. 12.
 Shoe. C. Miller. Des. 90,725-6; Sept. 19.
 Shoe. C. Miller. Des. 90,828; Oct. 3.
 Shoe. C. Miller. 1,900,515; Mar. 7.
 Shoe. F. Parlante. 1,927,990; Sept. 26.
 Shoe. C. F. Reith. Des. 90,417; Aug. 1.
 Shoe. C. F. Reith. Des. 90,631; Sept. 5.
 Shoe. C. F. and F. A. Rohn. 1,919,862; July 25.
 Shoe. L. Sholtz. Des. 90,862; Oct. 10.
 Shoe. C. H. Stemmons. Des. 89,541; Mar. 21.
 Shoe. C. H. Stemmons. Des. 89,977; May 23.
 Shoe. O. F. Stock. Des. 90,269; July 4.
 Shoe. I. Tarlow. 1,907,612; May 9.
 Shoe. T. Torrio. 1,905,529; Apr. 25.
 Shoe. F. Vicente. 1,937,074; Nov. 28.
 Shoe. T. F. Vogel. Des. 90,901; Oct. 17.
 Shoe. C. Watanabe. 1,921,177; Aug. 8.
 Shoe. S. Wolff. 1,938,204; Dec. 5.
 Shoe. S. Zide. 1,902,053; Mar. 21.
 Shoe and binding and stay for the same. E. B. Luitwieler. 1,923,986; Aug. 22.
 Shoe and lasting the same. J. S. Kamborian. 1,919,657; July 25.
 Shoe and making same. A. Cohn. 1,898,033; Feb. 21.
 Shoe and making same. V. De Liso. 1,924,542; Aug. 29.
 Shoe and making same. M. C. Smith, jr., and E. C. Heilhecker. 1,901,782; Mar. 14.
 Shoe and making same. Combined cemented and turned. W. Shinkowitz. 1,926,656; Sept. 12.
 Shoe and making same. Jeweled. C. H. Daniels. 1,901,494; Mar. 14.
 Shoe and making same. Turn. J. Trusler. 1,931,399; Oct. 17.
 Shoe and making the same. F. L. Ayers. 1,920,338; Aug. 1.
 Shoe and making the same. A. W. Bradbury. 1,894,291; Jan. 17.
 Shoe and making the same. K. P. Game. 1,922,430; Aug. 15.
 Shoe and making the same. F. Ricks. 1,912,499; June 6.
 Shoe and making the same. S. Rizzo. 1,904,085; Apr. 18.
 Shoe and process of manufacture. H. L. Sutcliffe. 1,939,527; Dec. 12.
 Shoe and shank piece and making shoes. F. C. Ayling. 1,913,424; June 13.
 Shoe and shank piece therefor. J. F. Crowley. 1,913,476; June 13.
 Shoe and shank stiffener and attaching the latter. Le R. W. Rollins and A. S. Johnson. 1,936,955; Nov. 28.
 Shoe and the making thereof. Dancing. L. Harris. 1,927,211; Sept. 19.
 Shoe and the manufacture thereof. O. C. Adams. 1,905,205; Apr. 25.
 Shoe. Arch supporting. L. W. Brown and H. T. Wood. 1,894,939; Jan. 24.
 Shoe. Arch supporting. C. L. Laible. 1,927,666; Sept. 19.
 Shoe. Armored. A. A. Williams. Des. 18,932; Sept. 5.
 Shoe. Athletic. F. E. Gaines. 1,923,365; Aug. 22.
 Shoe attachment. Casing. C. F. Dougherty. 1,894,212; Jan. 10.
 Shoe back and heel protector. J. N. Smith. 1,916,815; July 4.
 Shoe binding. S. M. Kessler. 1,920,751; Aug. 1.
 Shoe bottom attaching apparatus. G. H. Barge. 1,901,546; Mar. 14.
 Shoe bottom ornamenting machine. H. E. Edwards. 1,905,961; Apr. 25.
 Shoe bottom treating device. J. S. Kamborian. 1,920,083; July 25.
 Shoe clutch. W. J. Pearmann. 1,918,286; July 18.
 Shoe construction. V. Silvestri. 1,913,173; June 6.
 Shoe construction. S. Troy. 1,893,007; Jan. 3.
 Shoe dauber. L. W. Brooks. 1,931,341; Oct. 17.
 Shoe dauber. R. Caruso. 1,910,984; May 23.
 Shoe. Die. E. A. Baumbach. 1,915,080; June 20.
 Shoe dressing machine. J. T. Uden. 1,917,470; July 11.
 Shoe fastener. J. Staude and F. A. Petzold. 1,934,455; Nov. 7.
 Shoe fastener. M. Yartyan. 1,933,467; Oct. 31.
 Shoe fastening. A. Love. 1,920,088; July 25.
 Shoe filler. H. S. Miller. 1,931,930; Oct. 24.
 Shoe filler. A. Thoma. 1,920,771; Aug. 1.
 Shoe filling apparatus. Template. A. Thoma. 1,913,349; June 6.
 Shoe-filling machine. A. H. Avery. 1,900,322-3; Mar. 7.
 Shoe filling machine. C. F. Eaton. 1,927,279; Sept. 19.
 Shoe finishing machine. C. E. Thibaudau. 1,935,863; Nov. 21.
 Shoe fitting device. E. J. Bliss. 1,921,997; Aug. 8.
 Shoe for drilling shafts. M. G. Hausler and W. B. Murray. 1,909,352; May 16.
 Shoe heater. M. O. Jennings. 1,915,365; June 27.
 Shoe heel. F. Berenstein. Des. 89,118; Jan. 31.
 Shoe heel. L. W. Brooks. 1,902,686; Mar. 21.
 Shoe heel. T. G. Dusopolos. 1,921,663; Aug. 8.
 Shoe heel machine. A. F. Froussard. 1,898,044; Feb. 21.
 Shoe holder. I. Fingerman. 1,909,942; May 23.
 Shoe holder. R. H. Lawson. 1,932,551; Oct. 31.
 Shoe horn. H. Josephs. Des. 90,286; July 11.
 Shoe horn, Flexible. E. J. Gutmann. 1,913,709; June 13.
 Shoe, Illuminated. J. De Merolis and A. Di Lizio. 1,933,243; Oct. 31.
 Shoe, Infant's. J. Siragusa. 1,895,270; Jan. 24.
 Shoe insole. L. M. Doty and N. B. Griffin. 1,927,889; Sept. 26.
 Shoe insole material or similar article. M. W. Prouty. Des. 89,915; May 16.
 Shoe jack. D. I. Salcaian. 1,922,750; Aug. 15.
 Shoe lace. W. Bateman. 1,937,399; Nov. 28.
 Shoe lace. L. G. Szabo. 1,898,225; Feb. 21.
 Shoe lace fastener. A. M. Berger. 1,913,102; June 6.
 Shoe lace fastener, Hold fast. J. H. Lindner. 1,894,183; Jan. 10.
 Shoe last. K. Bates. 1,928,847; Oct. 3.
 Shoe last. C. H. and C. B. Brown. 1,930,304; Oct. 10.
 Shoe last. P. P. Waraxa. 1,932,028; Oct. 24.
 Shoe lasting apparatus. J. S. Kamborian. 1,919,660; July 25.
 Shoe machinery. P. Weinstat. 1,912,555; June 6.
 Shoemaker's tool. N. Coletta. 1,921,506; Aug. 8.
 Shoemaking. H. H. Beckwith. 1,909,089; May 16.
 Shoe making. F. C. Close. 1,924,835; Aug. 29.
 Shoe making. T. J. Cluett. 1,903,374; Apr. 4.
 Shoe or similar article. L. Kaminski. Des. 90,369; July 25.
 Shoe parts or the like, Apparatus for treating. C. J. Smith. 1,925,210; Sept. 5.
 Shoe parts. Smoothing. J. Sandt. 1,896,017; Jan. 31.
 Shoe press. E. A. Hammarjo. 1,916,265; July 4.
 Shoe pressing apparatus. R. V. Ritchey. 1,895,941; Jan. 31.
 Shoe-pressing machine. F. L. Mooney. 1,939,716; Dec. 19.
 Shoe rack. P. Jones. 1,924,158; Aug. 29.
 Shoe rack. I. J. Kuert. 1,927,569; Sept. 19.
 Shoe rack. E. B. Weston. 1,927,997; Sept. 26.
 Shoe rest mechanism. F. C. Eastman. 1,924,233; Aug. 29.
 Shoe sewing machine. A. Bates. 1,898,521; Feb. 21.
 Shoe sewing machine. D. L. Bunker. 1,923,139; Aug. 22.
 Shoe sewing machine. A. Eppler. 1,909,172; May 16.
 Shoe sewing machine. O. L. Lawson. 1,912,150; May 30.
 Shoe sewing machine. E. E. Winkley. 1,909,157; May 16.
 Shoe shank stiffener. R. B. Bartels and O. H. L. Thelen. 1,917,485; July 11.
 Shoe shank stiffener. C. J. Hauck. 1,895,660; Jan. 31.
 Shoe shank support. M. D. Gilbert. 1,937,560; Dec. 5.
 Shoe shaping machine. J. B. Hadaway. 1,929,550; Oct. 10.
 Shoe-shine box. H. H. Gerstner. 1,920,171; Aug. 1.
 Shoe shiner. L. J. Venerose. Des. 90,823; Oct. 3.
 Shoe shining machine. J. T. Uden. 1,917,471; July 11.
 Shoe shining stand. A. R. Wells. 1,925,293; Sept. 5.
 Shoe sole. O. Brockman. Des. 89,021; Jan. 10.
 Shoe sole. O. Brockman. Des. 90,356; July 25.
 Shoe sole. H. Crossman, A. Greenbaum, and M. J. Bernstein. Des. 89,936; May 16.
 Shoe sole. H. W. Martin and R. H. Blanchard. Des. 89,204; Feb. 7.
 Shoe sole. L. M. Oakley. Des. 90,450; Aug. 8.
 Shoe sole. P. Van Cleef. Des. 90,057; May 30.
 Shoe sole. P. Van Cleef. Des. 90,463; Aug. 8.
 Shoe sole and making the same. R. C. Simmons. 1,923,169; Aug. 22.
 Shoe sole leveling and shaping machine. G. Laganas. 1,939,784; Dec. 19.
 Shoe sole leveling, shaping, and securing machine. G. Laganas. 1,940,597; Dec. 19.
 Shoe sole press. M. Muscarella. 1,930,367; Oct. 10.
 Shoe-sole skiving machine. R. H. Barker. 1,900,786; Mar. 7.
 Shoe stiffener and manufacturing the same. L. P. Mellerio. 1,926,161; Sept. 12.
 Shoe stiffener manufacture. H. S. Miller. 1,911,841; May 30.
 Shoe stiffener material. Manufacture of. F. O. Woodruff. 1,893,923-4; Jan. 10.
 Shoe stiffener parts and the like, Apparatus for conditioning. S. P. Lovell. 1,920,411; Aug. 1.
 Shoe stiffeners. Making. D. B. MacDonald. 1,895,467; Jan. 31.
 Shoe stiffeners. Manufacture of. S. P. Lovell. 1,923,631; Aug. 22.
 Shoe stiffeners. Method of and machine for preparing. D. B. and R. B. MacDonald. 1,924,226; Aug. 29.
 Shoe stitcher. E. G. Wolf. 1,921,277; Aug. 8.
 Shoe stretching device. W. A. Rix. 1,938,641; Dec. 12.
 Shoe support. S. J. Finn. 1,913,437; June 13.
 Shoe support. J. F. Standish. 1,920,281; Aug. 1.
 Shoe supporting jack. A. R. Morrill. 1,905,184; Apr. 25.
 Shoe. Swimming. A. Weimer. 1,906,682; May 2.
 Shoe tip and heel pressing machine. H. R. Polleys. 1,904,166; Apr. 18.
 Shoe tongue. Nonslippable. J. W. Van Alst. 1,915,110; June 20.
 Shoe treating apparatus. A. R. Schoenky and J. W. Johnson. 1,923,167; Aug. 22.
 Shoe tree. C. A. Batchelder. 1,899,844; Feb. 28.

- Shoe tree. S. A. Eddins. 1,897,114; Feb. 14.
 Shoe tree. M. von Astholz and T. Concha. 1,917,347; July 11.
 Shoe-tree package. S. A. Eddings. 1,926,272; Sept. 12.
 Shoe treening device. J. D. Krive. 1,899,001; Feb. 28.
 Shoe uppers in lasted position, Holding. J. Fausse. 1,904,303; Apr. 18.
 Shoe vamp. M. F. Gantz. Des. 90,618; Sept. 5.
 Shoe vamp. M. F. Gantz. Des. 90,758; Sept. 26.
 Shoe welting, Making. M. O. Sleeper. 1,901,781; Mar. 14.
 Shoe with elastic rubber inlets. I. Goth. 1,940,542; Dec. 19.
 Shoes, Antislip attachment for. I. S. Greentree. 1,918,639; July 18.
 Shoes, Apparatus for making. W. G. Heiber and E. R. Meng. 1,934,351; Nov. 7.
 Shoes, Apparatus for pressing. W. D. Thomas. 1,924,172; Aug. 29.
 Shoes, Apparatus for rolling and pressing rubber. H. G. Ellis. 1,895,921; Jan. 31.
 Shoes, Filling. A. Thoma. 1,900,316-17; Mar. 7.
 Shoes, lasting. J. S. Kamborian. 1,919,659; July 25.
 Shoes, Making. B. W. Freeman. 1,900,441; Mar. 7.
 Shoes, Making. W. G. Heiber and E. R. Meng. 1,934,352; Nov. 7.
 Shoes, Making. H. Kahlmeyer. 1,931,612; Oct. 24.
 Shoes, Making. A. R. Morrill. 1,897,527; Feb. 14.
 Shoes, Manufacture of. J. Fausee. 1,894,678; Jan. 17.
 Shoes, Manufacture of. G. Goddn. 1,932,544-5; Oct. 31.
 Shoes, Manufacture of. J. S. Kamborian. 1,919,658; July 25.
 Shoes, Manufacture of. R. A. Lineham. 1,937,826; Dec. 5.
 Shoes, Method and material for repairing. R. R. Bollman and C. L. Ornes. 1,913,328; June 6.
 Shoes, Method of and apparatus for making. F. Holland and I. F. Damon. 1,934,852; Nov. 14.
 Shoes, Method of filling. A. Thoma. 1,894,228; Jan. 10.
 Shoes, Ornamenting. B. W. Freeman. 1,894,818; Jan. 17.
 Shoes, Resoling. J. C. Bobyne. 1,940,676; Dec. 26.
 Shoes, System of assembling. M. O. Frost. 1,929,738; Oct. 10.
 Shoes, Tap plate for dancing. J. Selva. 1,904,886; Apr. 18.
 Shoes, Taping and binding. E. N. Meck. 1,909,206; May 16.
 Shock end. W. G. Strong. 1,928,547; Sept. 26.
 Shooting machine, Coin freed automatic. F. C. H. Hansen. 1,917,445; July 11.
 Shooting trap control apparatus. B. M. Orcutt. 1,911,035; May 23.
 Shopping bag. P. E. Drahelm. 1,897,018; Feb. 7.
 Shopping bag. M. Katz. 1,898,838; Feb. 21.
 Shopping bag. E. P. Rose. 1,910,449; May 23.
 Shopping bag. E. D. Story. 1,924,006; Aug. 22.
 Shore. E. C. Childers. 1,917,826; July 11.
 Shore, Adjustable. J. G. Forsythe. 1,918,745; July 18.
 Shore, Construction. R. R. Roemer. 1,922,747-8; Aug. 15.
 Shore, Extensible. H. O. McMillan. 1,906,393; May 2.
 Shoring apparatus for graves and like excavations. S. B. Fields and L. Klein. 1,935,704; Nov. 21.
 Shoring device. F. A. Poole. 1,920,433; Aug. 1.
 Shoring, jacking and scaffolding. L. S. Holmboe. 1,932,072; Oct. 24.
 Short circuiting switch. R. C. Bigelow. 1,915,267; June 27.
 Short wave condenser. W. M. Bailey. 1,907,474; May 9.
 Short wave receiver. H. Muth. 1,907,653; May 9.
 Short wave repeating system, Ultra-. A. N. Goldsmith. 1,918,262; July 18.
 Short waves, Device for generating. A. Esau. 1,917,105; July 4.
 Shortening agents, Chilling. W. F. Bollens and R. C. Newton. 1,911,222; May 30.
 Shortening, Commnuated. E. K. Chapin. 1,928,781; Oct. 3.
 Shortenings, Making vegetable oil. H. Humphreys. 1,929,588; Oct. 10.
 Shorthand typewriting or stenographic machine. M. Den Outer. 1,899,232; Feb. 28.
 Shotgun. R. M. Jenkins. 1,902,702; Mar. 21.
 Shot. Plating. A. G. Schuricht. 1,916,492; July 4.
 Shoulder strap. R. Ponton. 1,894,888; Jan. 17.
 Shovel. A. Milligan. 1,898,590; Feb. 21.
 Shovel and similar structure. G. C. Wharton. 1,923,467; Aug. 22.
 Shovel, Auto snow. M. B. Bulger. 1,930,000; Oct. 10.
 Shovel, Back digging. M. L. Fyke. 1,906,746; May 2.
 Shovel, crane, dragline, and the like, Power. H. W. Kakaska. 1,914,692; June 20.
 Shovel, Elevating. W. S. Anthony. 1,912,816; June 6.
 Shovel, Elevating power. C. M. Fuller and A. C. Denison. 1,892,881; Jan. 3.
 Shovel, Excavating. H. J. Brendlin. 1,917,492; July 11.
 Shovel, Hydraulic power. J. D. Rauch. 1,907,442; May 9.
 Shovel, Midget mechanical. V. A. Brussolo. 1,915,485; June 27.
 Shovel, Power. T. Gibby. 1,937,016; Nov. 28.
 Shovel, Power. H. W. Kakaska. 1,914,920; June 20.
 Shovel, Power. W. W. Sloane. 1,930,694; Oct. 17.
 Shovel, Selector point cultivator. E. E. Duffey. 1,912,477; June 6.
 Shovel, Snow. M. Anderson. 1,898,234; Feb. 21.
 Shoveling machine. J. S. Finlay and E. B. Royle. 1,906,001; Apr. 25.
 Showcard printing machine. F. J. Cook. 1,910,986; May 23.
 Show case. H. Freimund and H. E. Brygger. 1,908,596; May 9.
 Show case. H. C. Illium. Des. 90,984; Nov. 7.
 Show case. R. Richter. 1,910,773; May 23.
 Showcase with mounted shelf stand, Folding. G. Wurslin. 1,929,046; Oct. 3.
 Showguard. D. Levov. 1,925,263; Sept. 5.
 Shower head. J. M. Donahue. 1,930,227; Oct. 10.
 Shower pipe. A. P. Leser. 1,936,249; Nov. 21.
 Shower stall. E. F. Niedecken. 1,900,658; Mar. 7.
 Shredder, Vegetable. C. A. Rowley. 1,915,869; June 27.
 Shredders, Making. P. V. Ball. 1,913,357; June 13.
 Shredding machine, Nut. E. B. Knowles and J. J. Parnell. 1,920,404; Aug. 1.
 Shrine. M. Green. Des. 90,366; July 25.
 Shrine. M. Hague. 1,895,659; Jan. 31.
 Shrub protector. E. W. Carpenter. 1,901,700; Mar. 14.
 Shuffle board cue. C. B. Isbell. 1,895,393; Jan. 24.
 Shuffle feeder. P. D. Wright. 1,915,710; June 27.
 Shunt phase-balancer. A. D. Dovjikov. 1,924,309; Aug. 29.
 Shunting system. K. Möller. 1,921,395; Aug. 8.
 Shut-off and trip valve, Combined. M. P. Teller. 1,905,014; Apr. 25.
 Shut-off for filling spouts, Automatic. W. A. Hansen. 1,923,574; Aug. 22.
 Shut-off for filling spouts, Automatic. W. A. Hansen. 1,930,954; Oct. 17.
 Shut-off valve, Automatic gas and oil. J. P. Ryan. 1,930,624; Oct. 17.
 Shut-off valve, Heat responsive. L. D. Lovekin. 1,938,967; Dec. 12.
 Shutter. C. Anderson. 1,934,519; Nov. 7.
 Shutter. C. M. Williamson. 1,913,182; June 6.
 Shutter actuating mechanism, Twin. L. B. Green. 1,932,244; Oct. 24.
 Shutter attachment for projectors. J. D. Basson. 1,928,659; Oct. 3.
 Shutter control, Thermostat radiator. J. B. Whitted. 1,905,257; Apr. 25.
 Shutter for automobile radiators, Front. G. B. Warner. 1,940,984; Dec. 26.
 Shutter for cinematographic projection apparatus, Revolving fire preventing. K. Hoffmann. 1,894,769; Jan. 17.
 Shutter for motion picture projection machines, Fire. L. S. Frappier and E. Boecking. 1,925,657; Sept. 5.
 Shutter for motion picture projection machines, Ventilating and fire. A. Dina. 1,938,813; Dec. 12.
 Shutter, Radiator. U. K. Johansen. 1,918,846; July 18.
 Shutter, Window. M. Demeulenaere. 1,940,583; Dec. 19.
 Shuttle. L. C. Baldwin. 1,899,129; Feb. 28.
 Shuttle. W. Comisky. 1,936,226; Nov. 21.
 Shuttle. E. E. Fuller. 1,909,262; May 16.
 Shuttle. E. E. Fuller. 1,930,795; Oct. 17.
 Shuttle. W. A. Graf. 1,923,536; Aug. 22.
 Shuttle. I. Leaf and F. S. Kirby. 1,912,781; June 6.
 Shuttle. L. Pavia. 1,941,317; Dec. 26.
 Shuttle box and like motions for looms for weaving, Rising-and-falling. W. Gledhill. 1,893,546; Jan. 10.
 Shuttle checking mechanism. A. A. Gordon. 1,924,186-7; Aug. 29.
 Shuttle, Electrically operating weft detecting. R. G. Turner. 1,911,730; May 30.
 Shuttle for badminton and the like. A. T. Saunders. 1,924,259; Aug. 29.
 Shuttle for cops and electric feelers. R. G. Turner. 1,914,625; June 20.
 Shuttle for narrow ware looms. E. R. Holmes. 1,895,796; Jan. 31.
 Shuttle for narrow ware looms. E. R. Holmes. 1,906,966; May 2.
 Shuttle, Slub catching. W. I. Stimpson. 1,937,072; Nov. 28.
 Shuttle tension. H. A. Davis. 1,897,420; Feb. 14.
 Shuttle tension. E. Scherdel. 1,929,261; Oct. 3.
 Shuttle, Thread cutting. A. Cederlund. 1,924,179; Aug. 29.
 Shuttle truing machine. J. G. Bentley and R. A. Gibbs, Jr. 1,930,073; Oct. 10.
 Siccatives on the base of naphthenic acid, Production of. F. Meidert and H. Schatz. 1,916,805; July 4.
 Sickle bar divider attachment. H. Stemman. 1,921,952; Aug. 8.
 Sickle guard and shield. C. J. Scranton, Jr. 1,917,604; July 11.
 Side bearing. G. S. Crawford. 1,906,843; May 2.
 Side-bearing. F. J. Sundholm. 1,901,675; Mar. 14.
 Side draft burner. W. B. Engh and C. W. Davis. 1,906,254; May 2.
 Side dressing machine. C. D. Campbell. 1,894,157; Jan. 10.
 Side frame. G. G. Floyd. Re18,754; Feb. 28.
 Side plate for metal tire covers and making the same. H. S. Jandus. 1,931,496; Oct. 31.
 Sidewalk sign. W. Edwards. 1,924,352; Aug. 29.
 Sidewall structure. J. Kublanow. 1,932,276; Oct. 24.
 Sidewall structure, Composite. J. Kublanow. 1,932,275; Oct. 24.
 Siding material. G. B. Payne. 1,924,650; Aug. 29.

- Siding or roofing construction. I. Sherman. 1,925,939; Sept. 5.
- Siding strip. A. L. Wall. 1,915,964; June 27.
- Sieve. A. R. Keller. 1,925,731; Sept. 5.
- Sieve for wood pulp digesters, Bottom. E. Morterud. Re18,845; May 30.
- Sieve made of wire gauge and used for vibrators, Shaker. R. Herrmann. 1,915,931; June 27.
- Sieve, Self cleaning centrifugal. C. C. Searle. 1,894,713; Jan. 17.
- Sifter container. A. H. Drex. 1,902,324; Mar. 21.
- Sifter mechanism. W. G. Kirchoff. 1,926,903; Sept. 12.
- Sifter, Vanity case. H. Jacobson. 1,911,691; May 30.
- Sifting and material directing device for containers. J. V. Pidgeon. 1,922,174; Aug. 15.
- Sight. C. E. Lyman, jr. 1,901,399; Mar. 14.
- Sight feed, High-pressure. W. H. Kniskern. 1,940,684; Dec. 26.
- Sight feed indicator. W. G. Coles. 1,910,752; May 23.
- Sight for anti-aircraft machine guns. Y. P. G. Le Prieur and A. L. Ricordel. 1,915,191; June 20.
- Sight for machine guns, Rear. W. C. L. Haubroe. 1,940,416; Dec. 19.
- Sighting apparatus. T. H. Barth. 1,936,576; Nov. 28.
- Sighting device, Direct. M. Crawford. 1,935,113; Nov. 14.
- Sign: See—
- Advertising sign. Luminescent-tube sign.
 - Aerial sign. Luminous sign.
 - Aeronautical roof sign. Luminous tube sign.
 - Animated and changeable sign. Moving sign.
 - Changeable sign. Neon tube sign.
 - Changing sign. Panel unit sign.
 - Display sign. Price sign.
 - Electric sign. Railroad crossing sign.
 - Highway sign. Reflection sign.
 - Illuminated sign. Revolving sign.
 - Interchangeable sign. Road sign.
 - Sign. W. F. Allison, sr. 1,906,504; May 2. Street sign.
 - Sign. R. E. Barclay. 1,904,347; Apr. 18. Traffic sign.
 - Sign. R. E. Barclay. 1,937,139; Nov. 28.
 - Sign. M. B. Benson. 1,904,192; Apr. 18.
 - Sign. P. H. Betha. 1,900,896; Mar. 14.
 - Sign. G. S. Bishop. Des. 89,867; May 16.
 - Sign. A. E. Blumenthal. Des. 90,522; Aug. 22.
 - Sign. E. G. Bower. 1,909,651; May 16.
 - Sign. J. Boyce. 1,904,850; Apr. 18.
 - Sign. H. Easterday and E. L. Goodloe. 1,931,577; Oct. 24.
 - Sign. E. R. Gill. 1,893,024; Jan. 3.
 - Sign. E. R. Gill, Jr. 1,902,440; Mar. 21.
 - Sign. E. S. Guignon, jr. 1,912,838; June 6.
 - Sign. J. B. Hamilton. 1,913,385; June 13.
 - Sign. J. B. Hamilton. 1,933,013; Oct. 31.
 - Sign. D. C. Hansen. Des. 90,847; Oct. 10.
 - Sign. F. D. Harris. 1,906,960; May 2.
 - Sign. S. T. Jackson. 1,934,715; Nov. 14.
 - Sign. G. L. Jessup. 1,913,279; June 6.
 - Sign. J. G. Juhasz. 1,933,216; Oct. 31.
 - Sign. W. L. Lowry. 1,916,154; June 27.
 - Sign. W. J. MacDonald and W. R. Miller. 1,914,142; June 13.
 - Sign. I. Nachumsohn. 1,913,504-5; June 13.
 - Sign. G. M. Reininger. 1,893,653; Jan. 10.
 - Sign. G. T. Scott. 1,918,615; July 18.
 - Sign. R. M. Whitson. Des. 90,350; July 18.
 - Sign and display structure. C. Schneider. 1,922,142; Aug. 15.
 - Sign and making it. W. H. Spencer. 1,899,533; Feb. 28.
 - Sign and producing the same. R. N. Chubb. 1,933,657; Nov. 7.
 - Sign and the like. J. W. Newman. 1,894,240; Jan. 10.
 - Sign and the like, Gaseous tube. C. Ringwald. 1,935,994; Nov. 21.
 - Sign and the like, Revolving. F. H. Eaton. 1,928,333; Sept. 26.
 - Sign and the like, Revolving. F. N. Eaton. 1,928,827; Sept. 26.
 - Signboard, Outdoor advertising. J. E. Norman. 1,930,018; Oct. 10.
 - Sign, character and letter, Illuminated. E. J. Winship. 1,908,393; May 9.
 - Sign construction and support. J. Raymond. 1,915,801; June 27.
 - Sign, Electric. A. Zicke. Des. 89,065; Jan. 17.
 - Sign flasher, Electric. L. E. Westover. 1,925,889; Sept. 5.
 - Sign frame. H. T. Hollowell and F. Bennett. 1,934,532-3; Nov. 7.
 - Sign frame. H. B. Little. 1,913,334; June 6.
 - Sign frame. H. Sobel. Des. 90,054; May 30.
 - Sign frame for lamp posts, Street. L. M. Chapman. Des. 89,036; Jan. 17.
 - Sign globe. A. H. Stewart. 1,917,672; July 11.
 - Sign holder, Transparent advertising. J. M. Wartow. Des. 89,980; May 23.
 - Sign hook base, Neon. L. R. Mallette and C. P. O'Keefe. 1,930,840; Oct. 17.
 - Sign illuminating mechanism, Vending machine. S. Michlik and C. L. O'Reilly. 1,903,008; Mar. 28.
 - Sign or article of a similar nature. W. C. Westphal. Des. 90,826; Oct. 3.
 - Sign or similar article, Display. A. Kanter. Des. 89,707; Apr. 25.
 - Sign receptacle. J. W. Brooks and M. N. Russell. 1,932,572; Oct. 31.
 - Sign with changeable panel. A. Solomita. 1,893,567; Jan. 10.
 - Signs, Advertising. O. L. Sanders. 1,925,155; Sept. 5.
 - Signs, decorations, and the like, Production of. H. B. Lind. 1,905,565; Apr. 25.
 - Signs, Making. S. F. Arbuckle and G. H. Coulter. 1,915,642; June 27.
 - Signs, Making. E. W. Kimbrough. 1,932,138; Oct. 24.
 - Signs, Making colored. J. P. Meehan. 1,899,971; Mar. 7.
 - Signs, Method and apparatus for projecting aerial. G. C. Edwards. 1,935,084; Nov. 14.
 - Signs, Operating device for animated display. W. G. Wagenhals. 1,897,918; Feb. 14.
 - Signs, Reflector unit for. S. C. Vincent. 1,901,341; Mar. 14.
 - Signal: See—
 - Annunciator signal. Out-of-order signal.
 - Automobile direction signal. Railway light signal.
 - Automobile signal. Revolvable illuminated signal.
 - Color light signal. Safety extensible signal.
 - Crossing signal. Sound signal.
 - Direction signal. Spotlight signal.
 - Flare signal. Stop signal.
 - Flashing light signal. Traffic signal.
 - Highway crossing signal. Turning signal.
 - Light signal. Vehicle side signal.
 - Mail box signal. Vehicle signal.
 - Signal. H. P. Hall. 1,913,483; June 13.
 - Signal. E. B. Jones. 1,896,314; Feb. 7.
 - Signal. J. Y. Ohta. 1,900,845; Mar. 7.
 - Signal. M. H. Peacock. 1,927,322; Sept. 19.
 - Signal. M. H. Rhodes. 1,895,399; Jan. 24.
 - Signal actuator, Hydraulic. A. L. Salsbury. 1,915,167; June 20.
 - Signal amplifier, Push-pull. F. Kunc. 1,925,838; Sept. 5.
 - Signal and trouble-finder. H. B. Cannon. 1,904,300; Apr. 18.
 - Signal apparatus, Traffic. J. Heuer. 1,900,060; Mar. 7.
 - Signal blocker. C. E. Bohner. 1,913,532; June 13.
 - Signal chime. R. D. Karnell. Des. 89,231; Feb. 14.
 - Signal control apparatus. M. C. Armstrong. 1,919,409; July 25.
 - Signal control for demand meters. J. Hyslop. 1,919,514; July 25.
 - Signal control system, Electric. F. H. Richterkesing. 1,915,696; June 27.
 - Signal control system, Traffic. F. H. Richterkesing. 1,909,316; May 16.
 - Signal controlling device. C. S. Kelley. 1,898,546; Feb. 21.
 - Signal device. C. T. Schirmer. 1,941,324; Dec. 26.
 - Signal device. V. V. Vitale. 1,906,193; Apr. 25.
 - Signal device, Film winding. E. C. Fritts. 1,921,517; Aug. 8.
 - Signal device for vehicles. C. Mohr. 1,923,162; Aug. 22.
 - Signal device for vehicles. E. C. O'Donnell. 1,896,495; Feb. 7.
 - Signal device for vehicles. T. Sako. 1,931,359; Oct. 17.
 - Signal distortion indicating device. A. Weaver. 1,920,454; Aug. 1.
 - Signal for automotive vehicles, Movable. G. W. Mackenzie. Des. 88,974; Jan. 10.
 - Signal for brooders. F. Mockelmann. 1,922,898; Aug. 15.
 - Signal for gear shift and brake levers, Electric. A. P. Beauregard. 1,913,788; June 13.
 - Signal for motion picture projecting machines, Automatic. I. H. Crabtree. 1,910,243; May 23.
 - Signal for schools and the like, Traffic controlling. W. C. Nichols. 1,906,235; May 2.
 - Signal for use on commercial and other records. F. L. Impey. 1,903,047; Mar. 28.
 - Signal indicating system. M. Bruno. 1,896,218; Feb. 7.
 - Signal lamp. A. H. Handlan. 1,913,545; June 13.
 - Signal lamp. C. H. Larson. 1,938,432; Dec. 5.
 - Signal light. T. W. N. Hilliard. 1,907,295; May 2.
 - Signal light for vehicles. R. Fein. Des. 88,952; Jan. 10.
 - Signal light switch. C. F. Del Porto. 1,894,163; Jan. 10.
 - Signal light switch. E. L. White. 1,920,045; July 25.
 - Signal limiting device. W. L. Carlson and R. S. Holmes. 1,917,095; July 4.
 - Signal means, Over-current. C. B. Hefner. 1,934,264; Nov. 7.
 - Signal mechanism for highway intersections. C. Adler, jr. 1,919,874; July 25.
 - Signal plaque. R. K. Jamison. Des. 89,767; May 2.
 - Signal operating means for elevators. H. F. Richardson. 1,926,176; Sept. 12.
 - Signal or alarm system. J. S. Jones. 1,927,744; Sept. 19.
 - Signal receiving means. G. B. Hagen. 1,910,537; May 23.
 - Signal receiving system. H. J. J. M. De Regnaud de Bellescize. 1,922,282; Aug. 15.
 - Signal receiving system. H. R. Hayden. 1,921,226; Aug. 8.
 - Signal recorder. C. E. Beach and F. E. Weld. 1,920,237; Aug. 1.
 - Signal suppressor for automotive radioreceivers. H. Schwarze. 1,931,625; Oct. 24.
 - Signal switch, Automatic direction. A. Thompson. 1,904,806; Apr. 18.

- Signal switch, Automobile pedal. R. F. Murakami. 1,908,780; May 16.
- Signal switch construction for automotive vehicles. B. L. Broboff. 1,909,040; May 16.
- Signal switch, Directional. G. H. Steele. 1,894,204; Jan. 10.
- Signal switch, Vehicle. J. E. Tsavaris. 1,902,737; Mar. 21.
- Signal system. F. W. Frink. 1,923,718; Aug. 22.
- Signal system. I. J. Kaar. 1,908,254; May 9.
- Signal system. L. H. Lynn. 1,899,580; Feb. 28.
- Signal system for railways. P. P. Stoker. 1,936,313; Nov. 21.
- Signal system, Police. F. F. C. Bauer. 1,920,236; Aug. 1.
- Signal system, Railway. E. L. Lord. 1,934,366; Nov. 7.
- Signal system, Traffic. M. B. Thompson. 1,917,165; July 4.
- Signal system, Watchman's tour. H. G. Leach. 1,937,279; Nov. 28.
- Signal to aircraft, Method and means for. I. Langmuir. 1,936,400; Nov. 21.
- Signal transmission system. C. A. Boddie. 1,922,193; Aug. 15.
- Signal transmission system. S. Doba, jr. 1,931,063; Oct. 17.
- Signal transmission system. C. A. Nebel. 1,931,031; Oct. 17.
- Signal transmitting means. E. D. McArthur. 1,901,112; Mar. 14.
- Signal valve device. P. E. Yancey. 1,910,513; May 23.
- Signal viewing attachment for automobiles. B. W. David. 1,902,322; Mar. 21.
- Signaling. W. Buschbeck. 1,926,082; Sept. 12.
- Signaling. J. L. Finch. 1,928,783; Oct. 3.
- Signaling. C. W. Hansell. 1,901,642; Mar. 14.
- Signaling. W. A. Loth. 1,937,026; Nov. 28.
- Signaling. O. Schriever. 1,911,091; May 23.
- Signaling. M. J. O. Strutt and P. R. Dijksterhuis. 1,927,880; Sept. 26.
- Signaling, Aircraft. J. P. Buckley. 1,894,019; Jan. 10.
- Signaling and control system, Selective. E. E. Kleinschmidt. 1,895,718; Jan. 31.
- Signaling apparatus. T. Efstathiou. 1,935,838; Nov. 21.
- Signaling apparatus. A. Good. 1,913,051; June 6.
- Signaling apparatus. A. F. W. Haeussler. 1,905,934; Apr. 25.
- Signaling apparatus. J. C. Toresen. 1,937,394; Nov. 28.
- Signaling apparatus, Electric train. R. P. Ballou. 1,892,716; Jan. 3.
- Signaling, Apparatus for high frequency electric. W. J. Brown. 1,930,505; Oct. 17.
- Signaling apparatus, Railway. L. H. Peter. 1,896,370; Feb. 7.
- Signaling apparatus, Short wave. J. O. Watkins. 1,920,223; Aug. 1.
- Signaling device. E. Durst and G. Ehret. 1,934,593; Nov. 7.
- Signaling device. J. S. Garvin. 1,901,443; Mar. 14.
- Signaling device. A. E. Hall. 1,939,050; Dec. 12.
- Signaling device. P. A. Hernandez. 1,910,248; May 23.
- Signaling device. R. G. Jewell. 1,920,310; Aug. 1.
- Signaling device. M. J. Metzger. Des. 90,779; Sept. 26.
- Signaling device. T. J. Scofield, L. E. Johnson, and F. W. Billig. 1,899,731; Feb. 28.
- Signaling device. M. Wald. 1,921,273; Aug. 8.
- Signaling device, Electromagnetic. I. W. Green and F. C. Bisbee. 1,896,195; Feb. 7.
- Signaling device for automobiles. H. O. Czech. 1,908,124; May 9.
- Signaling device for automobiles. F. J. and E. T. Jaros. 1,893,369; Jan. 3.
- Signaling device for automotive vehicles. M. Holmdahl. 1,930,936; Oct. 17.
- Signaling device for motor vehicles, Automatic. F. H. A. Lécolle. 1,896,905; Feb. 7.
- Signaling device for vehicle tires. J. and N. F. Blaha. 1,928,614; Oct. 3.
- Signaling device for vehicles. A. del Valle y Desvernine. 1,894,737; Jan. 17.
- Signaling device for vehicles. C. Kara. 1,929,070; Oct. 3.
- Signaling device, Rotatable. P. M. Bates. 1,937,504; Dec. 5.
- Signaling device, Wireless. W. V. Roberts. 1,897,767; Feb. 14.
- Signaling, Electric. F. Gerth. 1,938,379; Dec. 5.
- Signaling instrument. C. J. Henschel. Des. 89,616; Apr. 18.
- Signaling mechanism for schools, Automatic. E. R. Mercer. 1,916,769; July 4.
- Signaling, Railway. R. A. McCann. 1,902,135; Mar. 21.
- Signaling, Railway. P. P. Stoker. 1,895,013; Jan. 24.
- Signaling, Selective. J. H. Hammond, jr. 1,907,963; May 6.
- Signaling, Short wave. A. Leib and H. Scharlau. 1,932,469; Oct. 31.
- Signaling switch. F. J. and E. T. Jaros. 1,893,370; Jan. 3.
- Signaling system. R. S. Bailey and H. F. Shoffstall. 1,897,104; Feb. 14.
- Signaling system. H. M. Bascom. 1,933,650; Nov. 7.
- Signaling system. A. H. Belliveau. 1,929,402; Oct. 10.
- Signaling system. A. S. Benjamin. 1,907,381; May 2.
- Signaling system. B. G. Björnson. 1,914,103; June 13.
- Signaling system. E. M. Bouton and W. S. Atkinson. 1,909,090; May 16.
- Signaling system. W. J. Brown. 1,934,523; Nov. 7.
- Signaling system. O. E. Buckley. 1,896,767; Feb. 7.
- Signaling system. V. Bush. 1,897,236; Feb. 14.
- Signaling system. L. H. Chase. 1,919,007; July 18.
- Signaling system. H. B. Coyle. 1,928,093; Sept. 26.
- Signaling system. O. H. Davidsmayer and V. M. Augustine. 1,930,609; Oct. 17.
- Signaling system. C. S. Demarest. 1,898,118; Feb. 21.
- Signaling system. C. S. Demarest. 1,914,407; June 20.
- Signaling system. O. I. H. Ekman. 1,927,362; Sept. 19.
- Signaling system. L. A. Gebhard. 1,923,305; Aug. 22.
- Signaling system. J. J. Gilbert. 1,917,882; July 11.
- Signaling system. R. F. Gould. 1,911,949; May 30.
- Signaling system. J. Herman. 1,930,616; Oct. 17.
- Signaling system. J. W. Horton. 1,905,714; Apr. 25.
- Signaling system. M. H. Hovey. 1,922,090; Aug. 15.
- Signaling system. A. Hund. 1,893,029; Jan. 3.
- Signaling system. J. M. Kane. 1,900,016; Mar. 7.
- Signaling system. O. C. Levy. 1,930,525; Oct. 17.
- Signaling system. R. S. Ohl. 1,933,680; Nov. 7.
- Signaling system. R. K. Potter. 1,902,893; Mar. 28.
- Signaling system. F. M. Rives. 1,916,016; June 27.
- Signaling system. E. K. Sandeman and R. O. Carter. 1,911,850; May 30.
- Signaling system. D. T. Simonds. 1,914,219; June 13.
- Signaling system. E. H. Smythe. 1,918,433; July 18.
- Signaling system. C. H. Suydam. 1,895,111; Jan. 24.
- Signaling system. A. C. Thompson. 1,930,631; Oct. 17.
- Signaling system. P. W. Wadsworth. 1,909,438; May 16.
- Signaling system and apparatus therefor. S. Morton, H. L. Krum, and E. E. Kleinschmidt. 1,904,164; Apr. 18.
- Signaling system and apparatus therefor. S. Morton, H. L. Krum, and E. E. Kleinschmidt. 1,931,672; Oct. 24.
- Signaling system and apparatus therefor. J. H. Scharff. 1,915,263; June 20.
- Signaling system and means. A. Hill. 1,908,424; May 9.
- Signaling system, Carrier wave. J. W. Schmied. 1,904,544; Apr. 18.
- Signaling system control. L. A. Gebhard. 1,894,952; Jan. 24.
- Signaling system, Facsimile. F. Schröter. 1,937,131; Nov. 28.
- Signaling system for automotive vehicles. H. A. Douglas. 1,911,611; May 30.
- Signaling system for automotive vehicles. H. A. Douglas. 1,919,206; July 25.
- Signaling system for elevators. H. D. James. 1,905,228; Apr. 25.
- Signaling system for party telephone lines. R. C. Bradford. 1,912,510; June 6.
- Signaling system, Frequency discrimination. B. B. Grace, T. S. Skillman, A. H. Roche, and E. K. Sandeman. 1,897,047; Feb. 14.
- Signaling system, High-frequency. H. A. Affel. 1,928,610; Oct. 3.
- Signaling system, Multiple. C. W. Hough. 1,919,888; July 25.
- Signaling system, Multiplex. C. S. Demarest. 1,934,685; Nov. 14.
- Signaling, System of acoustic. W. A. Loth. 1,898,091; Feb. 21.
- Signaling system, Railway. R. M. Laurenson. 1,916,764; July 4.
- Signaling system, Railway. H. C. Vantassel. 1,893,790; Jan. 10.
- Signaling system, Selective. C. S. Demarest. 1,908,326; May 9.
- Signaling system, Selective. H. E. Hershey. 1,900,499; Mar. 7.
- Signaling system, Selective. L. J. Lesh. 1,914,376; June 20.
- Signaling, Telephony. C. A. McKee. 1,901,919; Mar. 21.
- Signaling traffic by a band device. C. A. Rich. 1,901,411; Mar. 14.
- Signals, Apparatus for producing. A. E. G. Ehn. 1,929,019; Oct. 3.
- Signals, Apparatus for the control of highway crossing. J. E. Saunders. 1,934,094; Nov. 7.
- Signals, Apparatus for the control of highway crossing. A. G. Williamson. 1,933,781; Nov. 7.
- Signals, Apparatus for the control of highway crossing. H. S. Young and H. N. Dixon. 1,896,120; Feb. 7.
- Signals, Arrangement for transmitting wireless. M. J. O. Strutt and P. R. Dijksterhuis. 1,904,174; Apr. 18.
- Signals, Detection of frequency modulated. C. W. Hansell. 1,922,290; Aug. 15.
- Signals, Detection of frequency modulated. C. W. Hansell. 1,938,657; Dec. 12.
- Signals for automobiles, Direction-indicating. E. V. Steiner. 1,931,967; Oct. 24.
- Signals, Method of and apparatus for giving audible time. J. W. Wells. 1,936,700; Nov. 23.
- Signals on space radioreceivers, Receiving wired radio. R. D. Duncan, jr. 1,892,696; Jan. 3.
- Signals, Periodic control of traffic. F. H. Richterkeessing. 1,911,039; May 23.
- Silencer. R. J. MacKenzie and L. L. Haas. 1,927,213; Sept. 19.
- Silencer and regulator. H. Munson. 1,903,738; Apr. 11.
- Silent chain. W. F. Brandt. 1,919,768; July 25.
- Silent gear. R. W. Lytle. 1,912,082; May 30.
- Silent gear. R. W. Lytle. 1,940,359; Dec. 19.

- Silica and making same, Prepared. F. M. McClenahan. 1,903,187; Mar. 28.
- Silica, Apparatus for working fused. G. A. Millar. 1,897,640; Feb. 14.
- Silica article and fabricating same, Composite. A. L. R. Ellis and G. A. F. Winckler. 1,930,340; Oct. 10.
- Silica article and fabricating same, Composite. E. Thomson. 1,930,327; Oct. 10.
- Silica compounds, and making the same, Therapeutic. R. Zellmann. 1,920,492; Aug. 1.
- Silica, Manufacture of fused. H. George. 1,936,476; Nov. 21.
- Silica, Method and apparatus for working fused. G. A. Millar. 1,897,487; Feb. 14.
- Silicate and method of preparing, Exchange. H. M. Gray. 1,926,618; Sept. 12.
- Silicate gel manufacture. W. M. Bruce. 1,928,123; Sept. 26.
- Silicate gels and making the same, Compound. R. Riley. 1,906,181; Apr. 25.
- Silicates and producing them, Crystalline hydrates of alkali metal. C. L. Baker. 1,893,707; Feb. 21.
- Silicates with base exchanging properties, or so-called artificial zeolites, Manufacturing. A. R. Wiberg and P. M. E. Schön. 1,918,361; July 18.
- Silicon carbide and the manufacture thereof. O. Hutchins. 1,937,060; Nov. 28.
- Silicon carbide article and the manufacture thereof, Impregnated. A. H. Heyroth. 1,906,963; May 2.
- Silicon carbide resistor and manufacture thereof. E. Hediger. 1,906,853; May 2.
- Silicon-diamminotetrafluoride, Manufacture of. S. S. Svendsen. 1,911,004; May 23.
- Silicon steel sheets, Producing low loss nonaging. W. Morrill. 1,919,983; July 25.
- Silicyl compounds, Making. H. Kaufmann. 1,918,338; July 18.
- Silk, After treatment of artificial. O. Schwarzkopf. 1,906,015; Apr. 25.
- Silk and agents therefor, Treating natural and artificial. H. L. Bueno. 1,927,022; Sept. 19.
- Silk and products obtained thereby, Treating natural and artificial. F. W. Weber and E. Schaeffer. 1,896,381; Feb. 7.
- Silk and weighting the same, Weighted. V. Froelicher. 1,902,226; Mar. 21.
- Silk, Apparatus for producing artificial. A. Hartmann, and G. Dauriedel. 1,939,300; Dec. 12.
- Silk, Artificial. J. J. Stöckly and E. Witte. 1,902,529; Mar. 21.
- Silk by the copper oxide ammonia stretch spinning process, Production of artificial. A. Hartmann. 1,918,470; July 18.
- Silk cleaner. J. F. Taylor. 1,901,273; Mar. 14.
- Silk cocoons, Reeling-off. B. Loewe. 1,899,513; Feb. 28.
- Silk consisting of cellulose esters, Weighting artificial. F. W. Weber and E. Schaeffer. 1,906,206; Apr. 25.
- Silk, Degumming. L. D. Myers and L. A. Stegemeyer. 1,896,494; Feb. 7.
- Silk, Device for the treatment of artificial. F. Paschke and P. Franzen. 1,917,729; July 11.
- Silk, Dyeing cellulose acetate. R. Metzger. 1,908,993; May 16.
- Silk fabrics, Decorating. H. Sieben. 1,939,322; Dec. 12.
- Silk fibers, Production of. G. J. Esselen. 1,934,413; Nov. 7.
- Silk fibers, Weighting of natural and artificial. H. Hintze. 1,902,777-8; Mar. 21.
- Silk fibroin and the wastes thereof, Solution of. W. Irion and H. Mahn. 1,913,487; June 13.
- Silk filaments, Manufacturing artificial. H. P. Bassett and J. H. Torrence. 1,938,312; Dec. 5.
- Silk from corn, Removing. F. D. Chapman. 1,908,219; May 9.
- Silk from viscose, Producing artificial. T. Koch. 1,936,479; Nov. 21.
- Silk from viscose, Production of artificial. T. Koch. 1,925,192; Sept. 5.
- Silk manufacture. W. H. Furness. 1,901,590; Mar. 14.
- Silk, Manufacture of artificial. R. Etzkorn. 1,916,831; July 4.
- Silk, Manufacture of artificial. A. J. L. Morits. 1,940,602; Dec. 19.
- Silk, Manufacture of dull luster artificial. M. Wadewitz and R. Elssner. 1,922,903; Aug. 15.
- Silk, Manufacturing artificial. G. Juer. 1,935,637; Nov. 21.
- Silk or materials containing an organic cellulose ether or ester, Printing acetate. O. Bally. 1,904,815; Apr. 18.
- Silk or the like, Apparatus for treating spun cakes of artificial. F. Paschke. 1,898,595; Feb. 21.
- Silk, particularly viscose silk, Production of artificial. H. Suter. 1,907,610; May 9.
- Silk, Producing artificial. R. Picard. 1,931,239; Oct. 17.
- Silk products, Making. C. Dreyfus and G. W. Miles. 1,936,753; Nov. 28.
- Silk reed machine. E. G. Kenney. 1,895,997; Jan. 31.
- Silk ring doubler, Artificial. C. Schleifer. 1,936,370; Nov. 21.
- Silk screen printing machine. L. C. and H. L. Tate. 1,898,406; Feb. 21.
- Silk spinning machine attachment, Artificial. A. Krause. 1,902,332; Mar. 21.
- Silk spinning pump, Artificial. W. Kimmig. 1,901,149; Sept. 19.
- Silk, Treating artificial. H. F. Niogret. 1,921,426; Aug. 8.
- Silk, Weighing natural. R. Clavel. 1,920,063; July 25.
- Silk with liquids, Apparatus for treating cakes of artificial. W. Schieber and E. Friedemann. 1,932,913; Oct. 31.
- Silks, Obtaining lusterless artificial. A. T. Maximoff. 1,923,495; Aug. 22.
- Sill plate, Method and apparatus for making a. W. Schnell. 1,905,398; Apr. 25.
- Silo. R. W. Kaatz. 1,936,133; Nov. 21.
- Silo. T. A. Rowe. 1,900,763; Mar. 7.
- Silo. F. L. Stephenson. 1,913,174; June 6.
- Silo blocks, Coating concrete. W. O. Brassert. 1,920,627; Aug. 1.
- Silo or the like, Portable. P. Rutten. 1,904,932; Apr. 18.
- Silo runway. F. Pardee. 1,928,459; Sept. 26.
- Silo, Ventilating. O. Strub. 1,929,084; Oct. 3.
- Silver burnishing machine. F. C. Good. 1,911,312; May 30.
- Silver iodide, Recovery of. C. W. Girvin. 1,911,273; May 30.
- Silver plating compound and method of silver plating. J. H. Müller. 1,922,387; Aug. 15.
- Silver, Recovering. L. Weisberg and W. F. Greenwald. 1,937,179; Nov. 28.
- Silver recovery control, Automatic. K. C. D. Hickman. 1,900,893; Mar. 7.
- Silver salt emulsions and light-sensitive material, Manufacturing photographic. B. Wendt. 1,898,512; Feb. 21.
- Silver salt emulsions, Making photographic. S. Fränkel. 1,901,441; Mar. 14.
- Silver thiosulphate, Making. J. J. Bajda. 1,929,466; Oct. 10.
- Sinew extractor. G. C. Barumuller. 1,912,124; May 30.
- Singeing machine, Automatic. I. L. Elliott and W. L. Myers. 1,928,973; Oct. 3.
- Single-phase motor. E. J. Schaefer. 1,894,124; Jan. 10.
- Single phase motor. H. Weichsel. 1,894,805; Jan. 17.
- Single phase motor. H. Weichsel. 1,905,773; Apr. 25.
- Single phase motor, Two-speed. W. J. Morrill. 1,896,848; Feb. 7.
- Single pole double throw quick make and break switch. C. A. Hardage. 1,922,696; Aug. 15.
- Sink construction. C. H. Topp. 1,931,212; Oct. 17.
- Sink for kitchen cabinets. A. P. Woolfolk. 1,918,074; July 11.
- Sink stopple. W. F. Schacht. 1,912,312; May 30.
- Sink, tray, and table combination. J. W. Russel. 1,913,820; June 13.
- Sinkers for knitting machines, Forming. L. B. Holt. 1,923,827; Aug. 22.
- Sinks, Overflow for. F. G. Brotz. 1,937,311; Nov. 28.
- Sinks, Steam deflector and guard for dairy. J. F. Malsbary. 1,904,743; Apr. 18.
- Sinks, wash basins, and the like, Making. J. Stanitz. 1,916,910; July 4.
- Sintering. B. W. Gonser. 1,926,044; Sept. 12.
- Sintering, Apparatus for. B. W. Gonser. 1,926,043; Sept. 12.
- Sintering machine. E. W. Shallock. 1,902,911; Mar. 28.
- Sintering machine. G. E. Swinehart. 1,902,918; Mar. 28.
- Sintering machine control. R. C. Magee. 1,934,986; Nov. 14.
- Siphon and making the same, Thermic. W. H. Hinsch. 1,898,052; Feb. 21.
- Siphon breaker for oil burning systems. H. E. Lake. 1,920,647; Aug. 1.
- Siphons, Apparatus comprising. N. Swindin. 1,901,785; Mar. 14.
- Sipper. O. W. Fox. Des. 90,310-12; July 18.
- Sirup pump. J. D. Fletcher. 1,918,903; July 18.
- Sirup pump. A. E. Heffner. 1,913,592; June 13.
- Sirup pump. A. C. and L. C. Pilcher. 1,902,261; Mar. 21.
- Sirup, Ripening of viscose. G. A. Richter. 1,938,722; Dec. 12.
- 6-arylamino-2-hydroxy-naphthalenes and making same. W. Zerweck and W. Hechtenberg. 1,906,894; May 2.
- 6-bromo-2-hydroxy-naphthalene-3-carboxylic acid, Making. A. Zitscher. 1,923,248; Aug. 22.
- Six-thread stringing machine. A. H. Henne and D. M. Clark. 1,922,850; Aug. 15.
- Size determining mechanism for automatic machines. H. L. Blood. 1,929,967; Oct. 10.
- Size indicating steady rest. C. H. Norton. 1,914,578; June 20.
- Size, Producing dry. F. M. Williams. 1,908,716; May 16.
- Sizing. W. H. Randall. 1,914,163; June 13.
- Sizing agent for cellulose acetate silk. H. Gensel and M. Hagedorn. 1,928,996; Oct. 3.
- Sizing and ironing board, Adjustable neckband and collar. P. Kraemer, Jr. 1,894,046; Jan. 10.
- Sizing apparatus for fruit, melons, vegetables and the like. A. W. Phelps. 1,906,331; May 2.
- Sizing composition for paper or the like. E. J. Johnston. 1,929,115; Oct. 3.
- Sizing machine. E. M. Wayland. 1,925,158; Sept. 5.
- Skate. J. R. Brien. 1,900,040; Mar. 7.
- Skate. W. H. Dunne. 1,911,148; May 23.
- Skate and ice skate shoe protector, Ice. M. Goldenberg. 1,926,514; Sept. 12.
- Skate construction. R. R. Ware. 1,910,193; May 23.
- Skate, Ice. O. Charette. 1,904,270; Apr. 18.

- Skate, Ice. W. F. Hoerle. 1,910,898; May 23.
 Skate, Roller. A. E. Dekomc. 1,933,972; Nov. 7.
 Skate, Roller. E. W. Hast. 1,934,535; Nov. 7.
 Skate, Roller. A. L. Kitzelman. 1,935,187; Nov. 14.
 Skate, Roller. E. O. Lieberenz. 1,924,948; Aug. 29.
 Skate, Roller. H. F. Whitcomb, Jr. 1,921,018; Aug. 8.
 Skate sharpening jig. G. R. Planert. 1,926,404; Sept. 12.
 Skate vise. W. E. Parnell. 1,907,213; May 2.
 Skate wheel, Roller. O. A. Carlson. 1,895,093; Jan. 24.
 Skates, Making ice. W. F. Hoerle. 1,893,140; Jan. 3.
 Skewer for cross wound bobbins with spring locking caps. O. J. Obermaier. 1,916,069; June 27.
 Ski, Airplane landing. W. F. Kammer. 1,893,647; Jan. 10.
 Ski fastener. H. Jensen. 1,922,955; Aug. 15.
 Skid, Bar unloading. W. E. Ker. 1,940,354; Dec. 19.
 Skid box. C. F. Walp. 1,894,649; Jan. 17.
 Skimmer, Cream. A. O. Middlemiss. 1,900,993; Mar. 14.
 Skin and device therefor, Treating the. A. J. Fisk. 1,936,129; Nov. 21.
 Skin grafting apparatus. J. B. Altruda. 1,935,605; Nov. 21.
 Skin inciser. J. E. Covey. 1,928,718; Oct. 3.
 Skinning apparatus. R. K. Schmid and W. P. Wezel. 1,929,040; Oct. 3.
 Skinning machine. O. G. and A. G. Rieske. 1,936,688; Nov. 28.
 Skins, Apparatus for unhairing. E. Brauer. 1,903,363; Apr. 4.
 Skip boom and skip for concrete pavers. F. L. Dake. 1,926,142; Sept. 12.
 Skip loading system, Interlocking. J. D. Kelvie. 1,895,077; Jan. 24.
 Skiving, Apparatus for. E. A. Bedell. 1,906,358; May 2.
 Skiving machine. H. B. Lupien. 1,937,827; Dec. 5.
 Skiving machine. E. J. Ray. 1,930,489; Oct. 17.
 Skull Artificial. R. R. Balut. 1,933,958; Nov. 7.
 Skylight. O. Carlson. 1,898,813; Feb. 21.
 Skylight. C. Raschka. 1,921,303; Aug. 8.
 Skylight construction. A. R. Blaski. 1,931,750; Oct. 24.
 Skylight construction. J. M. Richards. 1,913,957; June 13.
 Skylight, Ventilating. C. Young. 1,922,410; Aug. 15.
 Slab construction. E. R. Saunders. 1,912,920; June 6.
 Slab floor or roof construction. H. E. Marks. 1,912,290; May 30.
 Slab, Insulating. W. L. Miller. 1,915,611; June 27.
 Slab, Insulation. A. L. Spafford. 1,927,879; Sept. 26.
 Slab, Mixing. G. L. Grier. Des. 89,954; May 28.
 Slab structure, Composite. C. F. Davis and J. G. Brush. 1,921,285; Aug. 8.
 Slabs and the like, Apparatus for casting zinc. D. M. Gray and J. J. Williams. 1,910,008; May 23.
 Slabs, Producing composite. A. F. Premo. 1,923,843; Aug. 22.
 Slack adjuster. H. E. Anderson. 1,935,607; Nov. 21.
 Slack adjuster. G. P. Berry. 1,930,261; Oct. 10.
 Slack adjuster. W. H. Bryant. 1,908,315; May 9.
 Slack adjuster. F. Bushman. 1,907,510; May 9.
 Slack adjuster. L. J. Le Clair and A. G. Brackenbury. 1,898,549; Feb. 21.
 Slack adjuster. V. B. Taylor. 1,936,530; Nov. 21.
 Slack adjuster, Automatic. B. H. Browall. 1,907,175; May 2.
 Slack adjuster, Automatic. P. B. Camp. 1,933,094; Oct. 31.
 Slack adjuster, Automatic. H. A. Leonhauser. 1,894,565; Jan. 17.
 Slack adjuster for railway brakes. J. J. Tatum. 1,912,321; May 30.
 Slack adjuster for railway car brakes. R. W. Burnett. 1,898,029; Feb. 21.
 Slack adjusting mechanism. J. O. Almen. 1,936,653; Nov. 28.
 Slack remover for hydraulic brake systems. C. C. Bradbury. 1,899,009; Feb. 28.
 Slack take-up and lock device for tire chains, Combined. J. B. Bambenek. 1,028,474; Sept. 26.
 Slack take-up device. R. F. Dow. 1,913,872; June 13.
 Slack take-up for electric conductor cords. C. Schlamburg. 1,916,937; July 4.
 Slack, Taking up. S. A. Stage. 1,905,250; Apr. 25.
 Slag, Apparatus for treating. T. Bartholomew. 1,937,187; Nov. 28.
 Slag, Cellular. R. Weigel and P. W. Bachman. 1,920,728; Aug. 1.
 Slag treatment. T. Bartholomew. 1,901,891; Mar. 21.
 Slag, treatment of. M. O. Sem. 1,924,728; Aug. 29.
 Slags, Treating. J. Johnston and H. C. Lee. 1,937,039; Nov. 28.
 Slasher hood. C. Lancaster. 1,920,870; Aug. 1.
 Slat, Window shade. C. E. Kopfsstein. 1,909,109; May 16.
 Sled. W. E. Kilder. 1,905,642; Apr. 25.
 Sled. C. Z. Miller. 1,903,930; Apr. 18.
 Sled. W. E. Piddler. 1,920,866; Aug. 1.
 Sled and wheeled coaster, Convertible. C. H. Richards. 1,903,596; Apr. 11.
 Sled, Auto. J. B. Taylor. 1,937,923; Dec. 5.
 Sled brake. G. W. Johnston and S. Muchnik. 1,901,302; Mar. 14.
 Sled brake. G. C. Mate and C. Takacs. 1,896,966; Feb. 7.
 Sled, Coaster. R. R. Walker. 1,893,381; Jan. 3.
 Sled, Coasting. J. A. Bartley. 1,894,550; Jan. 17.
 Sled construction. C. H. Maneval. 1,909,062; May 16.
 Sled, Motor. J. E. Valiquette. 1,900,315; Mar. 7.
 Sled with endless track drive. G. S. Knickerbocker. 1,916,375; July 4.
 Sleeper. J. M. Cinnamond. 1,911,433; May 30.
 Sleeve. A. and H. Kamen. 1,894,045; Jan. 10.
 Sleeve construction. L. Slanger. 1,900,391; Mar. 7.
 Sleeve for repairing pipe joints, Split. G. H. Pfefferle. 1,940,729; Dec. 26.
 Sleeve repair device, Split. G. H. Pfefferle. 1,911,126; May 23.
 Sleeve twister. J. H. and J. S. Dodge, and C. J. Ekman. 1,929,678; Oct. 10.
 Sleeve valve engine. A. M. Niven. 1,896,094; Feb. 7.
 Sleeve valve engine. A. M. Niven. 1,937,123; Nov. 28.
 Sleeve valve two cycle engine. V. H. Winquist. 1,900,475; Mar. 7.
 Sleigh brake. H. Gordon. 1,934,612; Nov. 7.
 Sleigh, Child's. J. Sovik. 1,909,233; May 16.
 Slicer. V. Vath. 1,904,840; Apr. 18.
 Slicer and shredder, Combined. M. W. McArdle and I. Jeppsson. Des. 90,534; Aug. 22.
 Slicer, Bread. W. W. Hartman. 1,925,143; Sept. 5.
 Slicer, Combination vegetable. A. A. Theodoropoulos. 1,926,735; Sept. 12.
 Slicer, Culinary. G. W. Fouke. 1,932,173; Oct. 24.
 Slicer, Electric food. P. G. Peddicord. Des. 90,261; July 4.
 Slicer, Rotary. O. F. Rohwedder and H. F. Elliott. 1,937,248; Nov. 28.
 Slicing machine. G. P. Anstiss. 1,926,221; Sept. 12.
 Slicing machine. W. J. Campbell. 1,923,860; Aug. 22.
 Slicing machine. N. J. Dziedzic and H. H. McKee. 1,913,834; June 13.
 Slicing machine. J. Folk. Des. 89,839; May 9.
 Slicing machine. J. Folk. 1,912,365; June 6.
 Slicing machine. E. A. Ford. 1,902,021; Mar. 21.
 Slicing machine. C. Littlefield. 1,938,844; Dec. 12.
 Slicing machine. A. J. Manxi. 1,930,816; Oct. 17.
 Slicing machine. G. G. Porter. 1,893,905; Jan. 10.
 Slicing machine. A. Rubin. 1,925,848; Sept. 5.
 Slicing machine. G. Schuler. 1,907,161; May 2.
 Slicing machine. E. G. Streckfuss. 1,912,922; June 6.
 Slicing machine. C. F. M. van Berkel. 1,897,541; Feb. 14.
 Slicing machine. C. F. M. van Berkel. 1,905,531; Apr. 25.
 Slicing machine. C. F. M. van Berkel. 1,923,852; Aug. 22.
 Slicing machine. J. C. van Berkel. 1,912,390-1; June 6.
 Slicing machine. J. C. van Berkel. 1,913,012-13; June 6.
 Slicing machine. J. C. van Berkel. 1,924,667; Aug. 29.
 Slicing machine. W. A. van Berkel. 1,924,666; Aug. 29.
 Slicing machine. W. A. van Berkel. 1,929,718; Oct. 10.
 Slicing machine. A. van Duyn. 1,936,891; Nov. 28.
 Slicing machine. J. van Hoorn. 1,923,854; Aug. 22.
 Slicing machine. J. van Hoorn. 1,929,543; Oct. 10.
 Slicing machine. H. L. Walker. 1,923,129; Aug. 22.
 Slicing machine. C. T. Walter. 1,909,029; May 16.
 Slicing machine. H. G. Winkler. 1,939,029; Dec. 12.
 Slicing machine base. J. Folk. Des. 89,882; May 16.
 Slicing machine, Bread. H. J. Criner. 1,913,047; June 6.
 Slicing machine, Fluid pressure operated. C. F. M. Van Berkel. 1,907,621; May 9.
 Slicing machine for potatoes and the like. H. A. Toland and M. P. Julien. 1,937,049; Nov. 28.
 Slicing machine, Fruit. H. Krum, G. Preall, and J. H. Chambers. 1,914,860; June 20.
 Slicing machine guide. H. D. Fitzpatrick. 1,906,743; May 2.
 Slicing machine guide. A. van Duyn. 1,923,853; Aug. 22.
 Slicing machines, Assembling device for. J. Folk. 1,916,566; July 4.
 Slicing machines, Combined top clamp and end grip for. J. Folk. 1,905,457; Apr. 25.
 Slicing machines, End guards for. H. Thomas. 1,910,654; May 23.
 Slicing machines, Feed mechanism for. J. Folk. 1,913,749; June 13.
 Slicing machines, Power unit for. T. T. Shields. 1,905,654; Apr. 25.
 Slicing mechanism. J. M. Bulatch. 1,898,338; Feb. 21.
 Slicing mold. H. E. Welty. 1,892,861; Jan. 3.
 Slide. C. E. Anderson. 1,902,935; Mar. 28.
 Slide. C. E. Peterson. 1,898,741; Feb. 21.
 Slide, Cushion rocking. W. H. Noelting. 1,898,309; Feb. 21.
 Slide fastener. D. F. Dalton. 1,938,812; Dec. 12.
 Slide fastener. I. Greenberg. 1,903,415; Apr. 4.
 Slide fastener. G. Johnson. 1,896,867; Feb. 7.
 Slide fastener. G. Johnson. 1,915,536; June 27.
 Slide fastener. R. H. Nicholson. 1,922,257; Aug. 15.
 Slide fastener. S. H. Norton. 1,910,355; May 23.
 Slide fastener. H. J. Piehl. 1,902,417; Mar. 21.
 Slide fasteners, Making. G. H. C. Corner. 1,920,138; July 25.
 Slide for photographic apparatus, Dark. W. Salchow. 1,940,187; Dec. 19.
 Slide loop. J. M. Clark. 1,920,549; Aug. 1.
 Slide loop, Combination. R. J. Hodge. 1,936,057; Nov. 21.
 Slide loop, Self locking. G. H. Perrine. 1,917,149-51; July 4.
 Slide, Rocking. W. H. Noelting. 1,932,249; Oct. 24.
 Slide, Rocking stem. W. H. Noelting. 1,899,395; Feb. 28.

- Slide valve engine. G. P. Berry. 1,899,743; Feb. 28.
 Slide valve engine. G. E. A. Hallett. 1,922,678; Aug. 15.
 Slider and locking means, Combined. A. W. Kimbell. 1,941,177; Dec. 26.
 Slider for automatic fasteners. E. W. Rutherford. 1,899,529; Feb. 28.
 Slider for fasteners. M. Kiessling and A. J. Krieger. 1,898,547; Feb. 21.
 Slider for fasteners. G. E. Prentice. 1,900,949; Mar. 14.
 Slider for separable fasteners. G. E. Prentice. 1,893,037; Jan. 3.
 Slider, Locking. R. C. Legat. 1,919,662; July 25.
 Slider, Locking. R. D. Taylor. 1,919,966; July 25.
 Slider locking stop. G. E. Prentice. 1,910,404; May 23.
 Sliders for fasteners, Making. G. E. Prentice. 1,935,727; Nov. 21.
 Sliding door support. L. G. Jacobson. 1,929,977; Oct. 10.
 Sling and making the same. J. F. Drew. 1,901,439; Mar. 14.
 Sling, Arm. K. E. and A. K. Uhrig. Des. 89,417; Mar. 7.
 Sling, Lifting. L. M. Showers, Jr., and R. L. Stiffler. 1,928,213; Sept. 26.
 Slip. G. A. Humason. 1,933,172; Oct. 31.
 Slip. J. C. Stokes. 1,923,283; Aug. 22.
 Slip rotation for rock drills. G. C. Pearson. 1,940,693; Dec. 26.
 Slip-sheeter. B. Ferrar. 1,916,723; July 4.
 Slip type elevator, Mechanically operated. F. J. Young and J. A. Dunn. 1,909,601; May 16.
 Slip with removable liner. F. J. Young. 1,909,602; May 16.
 Slipper. J. B. Greider. 1,894,681; Jan. 17.
 Slipper. G. P. Naidor. 1,916,067; June 27.
 Slipper. L. Wiesner. 1,909,645; May 16.
 Slipper or the like. I. Rosenblum. 1,915,333; June 27.
 Slipper, Toe-dancing. E. Di Rienzo. 1,937,218; Nov. 28.
 Split-forming device and producing the same. J. Engl. 1,910,598; May 23.
 Splitter for metal lath. W. C. Coryell. 1,927,542; Sept. 19.
 Slitting device. R. McC. Johnstone. 1,895,852; Jan. 31.
 Slitting device. R. McC. Johnstone. 1,900,183; Mar. 7.
 Slitting machine. L. S. Rosener. 1,937,360; Nov. 28.
 Slitting roll stand. H. A. Kessler. 1,927,407; Sept. 19.
 Slot and slug for check controlled apparatus. H. Goetz. 1,929,740; Oct. 10.
 Slot-closing device. Automatic. W. T. Sullivan. 1,939,578; Dec. 12.
 Slot cover. E. E. Tross. 1,918,878; July 18.
 Slotter. P. Saltzman and R. A. Millar. 1,940,019; Dec. 19.
 Slotting attachment for spindle machines. H. M. Hunter and C. H. Hoisington. 1,910,167; May 23.
 Slotting machine. E. B. Stimpson. 1,893,509; Jan. 10.
 Slow-closing valve. W. Siegert. 1,935,299; Nov. 14.
 Slub catcher. O. L. Humphrey. 1,897,518; Feb. 14.
 Slub-catcher and yarn-cleaner. E. F. Parks. 1,926,497; Sept. 12.
 Slub detector, catcher or breaker. E. J. Abbott. 1,905,259; Apr. 25.
 Sludge digestion chambers, Artificially heating. M. Prüss. 1,930,457; Oct. 10.
 Sludge digestion tank. H. E. Elrod. 1,919,689; July 25.
 Sludge digestion tank. H. E. Schlenz. 1,912,595; June 6.
 Slug casting machine. F. C. Frolander. 1,907,100; May 2.
 Slug casting machine. F. C. Frolander. 1,910,601; May 23.
 Slug casting machine. A. V. Gilbert. 1,902,847; Mar. 28.
 Slug casting machine. J. P. Hilpman. 1,907,108; May 2.
 Slug casting machine. G. F. Humphreys. 1,936,302; Nov. 21.
 Slug casting machine. R. R. Mead. 1,901,113; Mar. 14.
 Slug casting machine. L. E. Morrison. 1,936,255-6; Nov. 21.
 Slug casting machine. E. W. Pierson and F. C. Grumman. 1,915,031; June 20.
 Slug casting machine. J. R. Rogers. 1,910,566; May 23.
 Slug casting machine. J. R. Rogers. 1,910,567; May 23.
 Slug detecting mechanism. F. Ziganek. 1,940,039; Dec. 19.
 Slug finishing means for line-casting machines. Le R. Willis. 1,931,422; Oct. 17.
 Slug router. G. E. Wallin. 1,932,055; Oct. 24.
 Slug sawing machine. C. L. Mohr. 1,940,178; Dec. 19.
 Slugs entering slot machines, Prevention of iron and steel. G. Poulas. 1,919,478; July 25.
 Sluice box. W. E. Culler. 1,915,086; June 20.
 Small capacity condenser, High frequency. W. Dubilier and W. M. Bailey. 1,937,010; Nov. 28.
 Small electric motor. O. Widmaier. 1,931,784; Oct. 24.
 Smelting process and apparatus. J. M. Lively. 1,903,733; Apr. 11.
 Smoke box front. W. F. Giesel, jr. 1,910,800; May 23.
 Smoke cleaner. A. C. Bennett. 1,939,248; Dec. 12.
 Smoke cleaner for furnaces. A. C. Bennett. 1,928,808; Oct. 3.
 Smoke consumer. M. S. Church. 1,925,303; Sept. 5.
 Smoke consumer. C. H. Mikody. 1,909,207; May 16.
 Smoke consumer. J. Pykosz. 1,938,193; Dec. 5.
 Smoke consumer and fuel economizer. N. Bedard. 1,914,476; June 20.
 Smoke detector. P. F. Hannigan. 1,911,130; May 23.
 Smoke disposal and draft inducing apparatus. F. H. C. Coppus. 1,904,357; Apr. 18.
 Smoke eliminator for boiler furnaces. J. B. McNeil. 1,915,684; June 27.
 Smoke eliminator for domestic stokers, Return. L. L. Hirsch. 1,925,249; Sept. 5.
 Smoke indicator. E. H. Vedder and E. O. Erickson. 1,901,570; Mar. 14.
 Smoke signaling from aircraft, Method and apparatus for. T. S. Wilkinson. 1,912,392; June 6.
 Smokestack. H. T. Dyer. 1,939,254; Dec. 12.
 Smoke stick. O. C. Schmidt. 1,922,263; Aug. 15.
 Smoke treating device. E. A. Bertram. 1,939,949; Dec. 19.
 Smoke washing apparatus. C. M. Gerhold. Re18,980; Oct. 24.
 Smoker's accessory. C. J. Riley. 1,904,084; Apr. 18.
 Smoker's apparatus. L. Hasbrouck. 1,916,727; July 4.
 Smoker's article. H. H. Honigbaum. 1,916,729; July 4.
 Smoker's articles, Manufacturing. L. J. Krensky and S. Gessler. 1,927,984; Sept. 26.
 Smoker's pipe. A. L. Gagnon. 1,932,657; Oct. 31.
 Smoker's pipe. J. T. Sweeney. 1,914,930; June 20.
 Smoker's receptacle. H. Janssen. 1,937,084; Nov. 28.
 Smoker's set, Combination. E. Danner. Des. 91,132; Dec. 5.
 Smoker's stand. M. Fried. Des. 89,883; May 16.
 Smoker's stand. C. Gloring. Des. 91,025; Nov. 14.
 Smoker's stand. P. Goodman. Des. 90,761-2; Sept. 26.
 Smoker's stand. J. J. Jordan. 1,909,543; May 16.
 Smoker's stand. N. A. Levitan. 1,937,282; Nov. 28.
 Smoker's stand. A. D. Nash. Des. 89,651; Apr. 18.
 Smoker's stand. W. von Nessen. 1,907,226; May 2.
 Smoking apparatus. R. L. Spragins. 1,914,466; June 20.
 Smoking device. F. Zacharias. 1,899,407; Feb. 28.
 Smoking pipe. S. Brown. 1,924,539; Aug. 29.
 Smoking pipe. E. Caldwell. 1,940,075; Dec. 19.
 Smoking pipe. N. Friedman. 1,893,137; Jan. 3.
 Smoking pipe. J. P. Martin. 1,897,065; Feb. 14.
 Smoking pipe. J. P. Martin. 1,925,874; Sept. 5.
 Smoking pipe. C. W. Pepper. 1,897,073; Feb. 14.
 Smoking pipe. R. G. Sansom. 1,925,938; Sept. 5.
 Smoking stand. F. Goertz and L. E. Baltzley. 1,907,788; May 6.
 Smoking stand. J. L. Levenberg and H. M. Seeberg. 1,921,933; Aug. 8.
 Smoking stand. W. F. Williamson. Des. 90,394; July 25.
 Smoking tobacco pipe. W. G. Rinehart. 1,931,510; Oct. 24.
 Smoothing device. C. A. Dickhaut. 1,925,092; Sept. 5.
 Smoothing machine. G. R. Anderson. 1,940,738; Dec. 26.
 Smudge producing apparatus. I. N. Jordan and W. F. Lusk. 1,939,265; Dec. 12.
 Smutting, Preventing. L. W. Claybourn and C. C. Sweet. 1,933,161; Oct. 31.
 Snap acting device. J. A. Spencer. 1,895,590-2; Jan. 31.
 Snap action valve. W. B. Bastian. 1,910,230; May 23.
 Snap actuating mechanism. R. D. Smith. 1,911,475; May 30.
 Snap-dragon. C. C. Chamberlin. Pl. Pt. 68; June 20.
 Snap fastener. M. F. Carr. 1,896,044; Jan. 31.
 Snap fastener. B. Z. Hausner. 1,897,936; Feb. 14.
 Snap fastener and fastener installation. R. M. Prez. 1,917,852; July 11.
 Snap fastener and installation thereof. A. G. Anderson. 1,928,584; Sept. 26.
 Snap fastener attached clip member. C. L. Hall. 1,896,864; Feb. 7.
 Snap fastener installation, Separable. M. F. Carr. 1,917,825; July 11.
 Snap fastener member. A. J. Smith. 1,941,156; Dec. 26.
 Snap fastener, Separable. P. Upham. 1,896,873; Feb. 7.
 Snap fastener slide socket. M. F. Carr. 1,923,050; Aug. 15.
 Snap fastener stud. G. Johnson. 1,928,592; Sept. 26.
 Snap gauge. E. H. Aldeborgh. 1,899,253; Feb. 28.
 Snap-in lock. W. A. Carmichael and F. H. Hart. 1,896,509; Feb. 7.
 Snap mechanism. J. H. Carmean and R. M. Curphey. 1,895,650; Jan. 31.
 Snap switch. H. Hubbell, jr., and C. E. Avery. 1,939,052; Dec. 12.
 Snap switch. J. C. Snell. 1,925,612; Sept. 5.
 Snap switch, Electric. V. R. Despard. Des. 89,683; Apr. 25.
 Snap switch, Lever operated. R. H. Bentley. 1,935,498; Nov. 14.
 Snap switch, Rotary. L. A. Kempton. 1,895,330; Jan. 24.
 Snap terminal. F. J. Watts. 1,928,581; Sept. 26.
 Snapper rack. L. R. Provost. 1,925,202; Sept. 5.
 Snare, Animal. F. Johnson. 1,933,855; Nov. 7.
 Snatch block. A. B. Esseltine. 1,901,498; Mar. 14.
 Snatch-block, Quick-opening. J. Peterson. 1,908,784; May 16.
 Snath. R. P. Stine. 1,902,191; Mar. 21.
 Snowplow. C. H. Frink. 1,900,703; Mar. 7.
 Snowplow. J. H. Kerber and E. A. Drott. 1,915,675; June 27.
 Snowplow. N. W. La Clair. 1,923,444; Aug. 22.
 Snowplow. E. B. Meyer. 1,914,610; June 20.
 Snowplow. J. R. Ritchie. 1,906,718; May 2.
 Snowplow. L. T. Ross. 1,930,862; Oct. 17.
 Snowplow. G. C. Soule. 1,926,011; Sept. 5.
 Snowplow. G. C. Soule. 1,929,959; Oct. 10.
 Snowplow. G. C. Soule and J. B. Woodbury. 1,921,374; Aug. 8.

- Snowplow. G. C. Soule and J. B. Woodbury. 1,929,958; Oct. 10.
- Snowplow. E. A. Weeks. 1,927,078; Sept. 19.
- Snowplow attachment for motor trucks. C. H. Frink. 1,929,548; Oct. 10.
- Snow removal. E. A. Smith. 1,895,900; Jan. 31.
- Snubber. C. A. Tea. 1,924,470; Aug. 29.
- Snubbing device, Automatic. W. R. Reynolds. 1,913,566; June 13.
- Snubbing device for oil well tubing. B. S. Minor. 1,895,132; Jan. 24.
- Soaking-pit furnace, Recuperative. M. H. Mawhinney. 1,915,470; June 27.
- Soap and glycerine, Making. M. H. Ittner. 1,918,603; July 18.
- Soap and water mixer. A. E. Goodloe. 1,932,693; Oct. 31.
- Soap box. S. L. Parry. Des. 91,176; Dec. 12.
- Soap cake. W. B. Oleson. Des. 89,352; Feb. 28.
- Soap case, Shaving. R. J. G. Charlot. 1,899,557; Feb. 28.
- Soap dispenser. W. H. Alton. 1,932,384; Oct. 24.
- Soap dispenser. H. B. Freedman. 1,937,014; Nov. 28.
- Soap dispenser. W. A. Jennings. 1,900,819; Mar. 7.
- Soap dispenser. W. A. Jennings. 1,904,238; Apr. 18.
- Soap dispenser. E. McAdam. 1,940,138; Dec. 19.
- Soap dispenser. P. A. Wooster. Des. 89,583; Apr. 4.
- Soap dispensing apparatus. De W. C. Tyler. 1,905,611; Apr. 25.
- Soap holder. L. S. Roberts. 1,917,735; July 11.
- Soap holder, Sealed. A. Schimel. 1,912,224; May 30.
- Soap holder, Sponge rubber. H. C. Hebig. 1,908,017; May 9.
- Soap lather dispenser. H. W. Hollands. 1,896,624; Feb. 7.
- Soap lather dispenser. C. C. Smith. 1,923,758; Aug. 22.
- Soap manufacture. W. A. Harper. 1,912,637; June 6.
- Soap molding machine. L. H. Neilsen. 1,904,071; Apr. 18.
- Soap, Packaging. J. C. Ingram. 1,936,395; Nov. 21.
- Soap preparation. J. Nuesslein. 1,906,484; May 2.
- Soap product and making same. J. H. James. 1,894,096; Jan. 10.
- Soap product, Production of a. D. R. Lamont. 1,897,701; Feb. 14.
- Soap slicing machine. H. Maskery. 1,921,199; Aug. 8.
- Soap solutions, Apparatus for dispensing. R. M. Archibald. 1,930,500; Oct. 17.
- Soapstoning device. C. E. McCormick. 1,906,866; May 2.
- Soaps, Apparatus for producing. H. Weber and W. Pape. 1,904,021; Apr. 18.
- Sock. H. C. Mills. 1,936,064; Nov. 21.
- Sock and anklet, Combination. R. E. Davis. 1,906,137; Apr. 25.
- Sock supporting device. M. W. Reeves. 1,933,391; Oct. 31.
- Socket and holder, Fuse. C. G. Pierce. 1,906,280; May 2.
- Socket and mounting therefor, Lamp. W. H. Fabrey. 1,925,439; Sept. 5.
- Socket and securing means, Light. O. W. Klingsick. 1,930,100; Oct. 10.
- Socket and support therefor, Electric lamp. W. H. Fabrey. 1,925,440; Sept. 5.
- Socket, Antitheft light. W. A. Ervin. 1,936,871; Nov. 28.
- Socket, Caster. R. L. Spayd, jr. 1,915,203; June 20.
- Socket cluster, Lamp. E. Clemence. 1,936,423; Nov. 21.
- Socket, Electric. W. L. Long. 1,907,422; May 2.
- Socket, Electric. H. B. Pearson and F. R. Culver. 1,927,293; Sept. 19.
- Socket, Electric. W. R. Shugert. 1,907,270; May 2.
- Socket, Electric lamp. G. H. Elwell. 1,935,394; Nov. 14.
- Socket, Electrical. A. R. Wolfe. 1,928,657; Oct. 3.
- Socket, Electrical outlet. R. Eckstein and M. Polis. 1,911,612; May 30.
- Socket, Fastener. D. I. Reiter. 1,894,521; Jan. 17.
- Socket for artificial legs, Composition. C. H. Davies. 1,907,511; May 9.
- Socket for casters, Cushion expansion. W. H. and C. B. Noelting. 1,927,271; Sept. 19.
- Socket for electric light bulbs. T. W. Fitzgerald. 1,897,115; Feb. 14.
- Socket for lighting fixtures, Adjustable. L. C. Doane. 1,908,131; May 9.
- Socket for permanently waving. W. S. Lewis. 1,927,001; Sept. 12.
- Socket for toy automobiles, Combined fender and tail light. H. T. Kingsbury. Des. 89,444; Mar. 14.
- Socket for toy locomotive headlights. L. Caruso. 1,932,510; Oct. 31.
- Socket for tubes. W. C. MacFadden. 1,904,670; Apr. 18.
- Socket for tubular legs, Caster. W. F. Herold. 1,935,560; Nov. 14.
- Socket for vacuum tubes. M. Alden. 1,936,320; Nov. 21.
- Socket for vacuum tubes. R. B. Benjamin. 1,904,662; Apr. 18.
- Socket handle and lamp guard, Combined. J. E. Kilkenny. 1,893,088; Jan. 3.
- Socket, Lamp. G. H. Cushing. 1,925,435; Sept. 5.
- Socket, Lamp. C. E. Godley. 1,897,797; Feb. 14.
- Socket, Lamp. C. E. Godley. 1,916,194; July 4.
- Socket, Lamp. C. W. Robour. 1,932,534; Oct. 31.
- Socket, Lamp. A. G. Steinmayer. 1,908,568; May 9.
- Socket, Lamp. O. H. Van Amburg. 1,896,857; Feb. 7.
- Socket plug. C. P. Presutti. 1,935,278; Nov. 14.
- Socket, Pole. E. E. Schram. 1,933,282; Oct. 31.
- Socket receptacle. E. G. K. Anderson. 1,935,586; Nov. 14.
- Socket, Reflector. N. W. Hall. 1,902,026; Mar. 21.
- Socket, Separable electric. J. A. McKay. 1,940,429; Dec. 19.
- Socket shell construction. C. M. Petersen. 1,924,750; Aug. 29.
- Socket, Shock absorbing. R. B. Benjamin. 1,903,086; Mar. 28.
- Socket, Shock absorbing. J. Juergens and R. B. Benjamin. 1,922,687; Aug. 15.
- Socket, Snap fastener. E. D. Janes. 1,902,557; Mar. 21.
- Socket structure for hand tools. W. A. Ready. 1,936,264; Nov. 21.
- Socket support or similar article, Electric. A. H. Nero. Des. 91,143; Dec. 5.
- Socket, Swinging bailed connector. H. D'Olier, jr. 1,925,716; Sept. 5.
- Socket, Vacuum tube electrode. W. B. Wilson. 1,938,001; Dec. 5.
- Socket wrench. J. Greiner. 1,896,949; Feb. 7.
- Socket wrench. E. M. Pfauter. 1,927,844; Sept. 26.
- Socket wrench, Multiple. A. C. Heller. 1,930,238; Oct. 10.
- Sockets, Forming. G. D. Hill and A. C. Brown, 3d. 1,939,553; Dec. 12.
- Sockets, Luminescent the terminal connections. F. L. Nelson. 1,920,710; Aug. 1.
- Soda and potassium hydroxide, Production of. C. T. Thorssell. 1,903,073; Mar. 28.
- Soda ash. G. Lynn. 1,907,937; May 9.
- Soda ash briquet and making it. H. W. Gleichert. 1,906,574; May 2.
- Soda ash, Manufacturing. A. M. MacDonald. 1,940,459; Dec. 19.
- Soda straw dispenser. J. P. Walsh. 1,907,628; May 9.
- Soda water fountain. S. Mezzapesa. 1,898,560; Feb. 21.
- Sodium acetate, Flake. C. J. Strosacker and S. B. Heath. 1,911,479; May 30.
- Sodium aluminate. L. M. Clark and H. M. Spittle. 1,931,374; Oct. 17.
- Sodium aluminate, Making dry. G. H. Wagner. 1,923,464; Aug. 22.
- Sodium bicarbonate, Manufacture of. H. Lawarrée. 1,923,540; Sept. 26.
- Sodium carbonate, Low apparent density. H. H. Chesny. 1,921,505; Aug. 8.
- Sodium carbonate monohydrate, Manufacture of. W. H. Allen, W. A. Gale, and C. F. Ritchie. 1,937,937; Dec. 5.
- Sodium chloride, Apparatus for obtaining. G. B. Burnham. 1,892,760; Jan. 3.
- Sodium cyanide, Production of. K. Gabel. 1,923,570; Aug. 22.
- Sodium metasilicate hydrates, Purifying technical. L. R. Westbrook. 1,922,832; Aug. 15.
- Sodium nitrate and other fertilizing substances, Manufacture of. F. Mitteau. 1,929,002; Oct. 3.
- Sodium nitrate, Manufacture of. G. H. Gleason. 1,937,757; Dec. 5.
- Sodium ortho-phenyl phenate and preparing same. E. C. Britton. 1,917,749; July 11.
- Sodium phosphate, Handling. L. Neuberg. 1,935,575; Nov. 14.
- Sodium pyrosilicate hydrates, Purifying. M. C. Waddell. 1,931,364; Oct. 17.
- Sodium sesquicarbonate, Production of. H. C. Britton. 1,911,794; May 30.
- Sodium sulphide, Production of. P. Ley and L. Teichmann. 1,916,803; July 4.
- Sodium sulphhydrate and sodium sulphide, Production of. R. B. Lebo and H. G. M. Fischer. 1,899,896; Feb. 28.
- Sofa. P. Goodman. Des. 90,711; Sept. 19.
- Sofa or similar article, Upholstered. J. Tavis. Des. 89,728; Apr. 25.
- Soffit reinforcement. A. P. Wilson. 1,933,688; Nov. 7.
- Soft collar pin. C. E. Ervin. 1,921,969; Aug. 8.
- Soil, Apparatus for treating. W. Salisbury. 1,909,636; May 16.
- Soil covering and method of use. A. Horner. 1,930,939; Oct. 17.
- Soil from weeds, Freezing. J. Albrecht. 1,935,199; Nov. 14.
- Soil pulverizing and refining apparatus. F. Koprivier, jr., and P. H. Abbott. 1,918,917; July 18.
- Soil testing apparatus. B. B. Legg. 1,910,021; May 23.
- Soil tests, Taking. R. H. Burke and A. J. Forschner. 1,919,461; July 25.
- Soil working machine. W. J. Engle. 1,926,976; Sept. 12.
- Solder. C. C. Callis and R. B. Derr. 1,926,853-4; Sept. 12.
- Solder. E. J. Kratz and C. C. Callis. 1,926,855; Sept. 12.
- Solder, Aluminum. F. S. Smith. 1,927,052; Sept. 19.
- Solder, Brazing. A. M. Dinkler and C. S. Smith. 1,904,360; Apr. 18.
- Solder, Brazing. C. S. Smith. 1,904,389; Apr. 18.
- Solder fittings and method of soldering. A. L. Parker. 1,901,820; Mar. 14.
- Soldering. G. Brühbner. 1,904,616; Apr. 18.
- Soldering and annealing. W. J. Buehring. 1,914,881; June 20.
- Soldering and soldering apparatus. M. Duitz. 1,925,656; Sept. 5.
- Soldering apparatus. C. W. Uschman and H. W. Hartman. 1,893,380; Jan. 3.
- Soldering flux. F. D. McBride. 1,929,895; Oct. 10.

- Soldering iron. H. B. Ring and G. E. Monrad. 1,908,056; May 9.
- Soldering kit receptacle. C. A. Spahn. 1,934,014; Nov. 7.
- Soldering machine. E. H. Jugel. 1,902,703; Mar. 21.
- Soldering machine. J. F. Peters. 1,939,723; Dec. 19.
- Soldering machine, Automatic. R. L. Irwine. 1,938,387; Dec. 5.
- Soldering mechanism, Can body side seam. R. B. Ross. 1,907,390; May 2.
- Sole and making same, Composite rubber. W. F. Schacht. 1,917,737; July 11.
- Sole cementing attachment for beating-out machines. M. Barry. 1,932,437; Oct. 31.
- Sole cementing machine. W. C. Card, jr. 1,899,941; Mar. 7.
- Sole edge waxing machine. A. Harrington. 1,915,928; June 27.
- Sole element for footwear, Resilient. K. Tuki and G. Palmer. 1,929,126; Oct. 3.
- Sole fitting machine. F. E. Bertrand. 1,938,682; Dec. 12.
- Sole fitting, Method of and machine for. A. Bates. 1,901,140; Mar. 14.
- Sole, Inner. G. Y. Emerson. 1,895,709; Jan. 31.
- Sole laying machine. S. J. Finn. 1,902,325; Mar. 21.
- Sole laying machine. S. J. Finn. 1,902,399; Mar. 21.
- Sole laying machine. S. J. Finn. 1,920,977; Aug. 8.
- Sole molding machine. E. E. Murphy. 1,922,187; Aug. 15.
- Sole pressing machine. R. Ruhr. 1,910,858; May 23.
- Sole rests for pulling-over machines. R. P. Frye. 1,936,429; Nov. 21.
- Sole roughing machine. W. C. Card, jr. 1,939,661; Dec. 19.
- Sole, Shoe. H. Crossman. Des. 90,834-5; Oct. 10.
- Sole, Shoe. F. D. Fowler. Des. 88,865; Jan. 3.
- Sole, Shoe. F. D. Fowler. Des. 91,108; Nov. 28.
- Sole, Shoe. L. H. L'Hollier. Des. 88,881; Jan. 3.
- Sole, Shoe. C. P. Mebane. 1,936,729; Nov. 28.
- Sole, Shoe. C. L. White. Des. 89,419; Mar. 7.
- Sole sticking press. O. Michalk. 1,932,323; Oct. 24.
- Soles, Affixing. W. H. Bresnahan. 1,893,015; Jan. 3.
- Soles, Cementing. C. A. Hill. 1,921,083; Aug. 8.
- Soles for boots and shoes, Preparing. H. A. Osborne. 1,930,596; Oct. 17.
- Soles, Manufacturing rubber. C. R. Keiser. 1,905,909; Apr. 25.
- Soles, Method of and machine for operating upon. E. E. Winkley. 1,939,750; Dec. 19.
- Soles to shoes, Cementing. J. Lieberman. 1,928,258; Sept. 26.
- Soling machine. A. Ehresmann and L. Streibel. 1,903,422; Apr. 11.
- Solenoid. F. T. Pascoe. 1,931,701; Oct. 24.
- Solenoid motor. I. B. Winsor. 1,918,364; July 18.
- Solenoid operated valve. I. E. McCabe. 1,923,681; Aug. 22.
- Solid bodies, Production of cellular. J. W. Battersby. 1,939,290; Dec. 12.
- Solid CO₂ receptacle. A. J. Crodrey. 1,903,171; Mar. 28.
- Solids from sewage and other fluids, Apparatus for removing. R. R. Knight. 1,922,442; Aug. 15.
- Solids, Reduction of. H. R. Rafton. 1,934,637; Nov. 7.
- Soluble constituents from dilute solutions, Separating difficultly. F. G. Cottrell. 1,921,563; Aug. 8.
- Solution for therapeutic purposes, Stable concentrated. J. A. Aeschlimann. 1,913,323; June 6.
- Solution of nitrogen-containing organic compounds and preparing them, Stable aqueous. A. Fehrlé, K. Streitwolf, and W. Herrmann. 1,895,434; Jan. 24.
- Solution tank. U. S. Grant and T. D. Lane. 1,932,070; Oct. 24.
- Solution viscosity of cellulose, Reducing the. M. J. Callahan. 1,904,406; Apr. 18.
- Solutions, Apparatus for feeding. C. F. Wallace. 1,900,142-3; Mar. 7.
- Solutions of halogenated acetylcholin salts, Preparation of stable. G. Roy. 1,904,696; Apr. 18.
- Solutions of inorganic substances in polyalcohols, Making colloidal. C. H. Von Hoessle. 1,922,006; Aug. 8.
- Solutions of sicatives, Stabilized. F. Meidert. 1,895,200; Jan. 24.
- Solutions, Purification of. W. C. Graham. 1,903,215; Mar. 28.
- Solvent. G. H. Buchanan. 1,926,510; Sept. 12.
- Solvent and composition, Ester. G. H. Buchanan. 1,926,511; Sept. 12.
- Solvent, Apparatus for distilling dry cleaners'. C. H. Hapgood. 1,935,183; Nov. 14.
- Solvent extraction and method thereof, Apparatus for continuous. W. E. Flumerfelt. 1,920,499; Aug. 1.
- Solvent for remedies. R. Berendes and W. Kropp. 1,921,722; Aug. 8.
- Solvent, Purifying dry cleaners'. R. G. Walker. 1,919,644; July 25.
- Solvent, Stabilized. A. L. Pitman. 1,925,602; Sept. 5.
- Solvents and emulsifying agents, Producing. M. Burak. 1,938,804; Dec. 12.
- Solvents and plasticizer, Organic. H. A. Bruson. 1,909,092; May 16.
- Solvents for cellulose materials. C. S. Miner. 1,914,522; June 20.
- Solvents from mixtures containing the same, Recovery of. F. K. Govers. 1,897,979; Feb. 14.
- Solvents from their mixtures with oil or fat in vacuo by evaporation of the solvents, Process and apparatus for separating. W. Genescke. 1,918,638; July 18.
- Solvents, Making. J. H. James. 1,894,097; Jan. 10.
- Solvents prepared from partially oxidized hydrocarbons. J. H. James. 1,907,822; May 9.
- Soot and dust, Apparatus for ejecting. W. C. Harpster. 1,939,394; Dec. 12.
- Soot blower. I. D. Eby. 1,930,515; Oct. 17.
- Soot blower. G. W. Osenburg. 1,933,334; Oct. 31.
- Soot blower. N. L. Snow. 1,931,272; Oct. 17.
- Soot blower construction for superheater tubes. C. S. Turner. 1,930,782; Oct. 17.
- Soot cleaner for air preheaters. F. C. Arey. 1,926,360; Sept. 12.
- Soot disposal. W. W. Oakley. 1,894,961; Jan. 24.
- Soot, Eliminating. R. A. Blunt. 1,910,316; May 23.
- Sorter, Automatic. E. H. Bickley. 1,921,862; Aug. 8.
- Sorting and classifying mechanism. H. A. Wright. 1,931,785; Oct. 24.
- Sorting apparatus. M. N. Rich. 1,940,882; Dec. 26.
- Sorting apparatus. W. A. Trescott. 1,919,403; July 25.
- Sorting machine. E. H. Bickley. 1,921,863; Aug. 8.
- Sorting machine. J. W. Bryce. 1,930,262; Oct. 10.
- Sorting machine. E. A. Ford. 1,909,576; May 16.
- Sorting machine. E. A. Ford. 1,930,266; Oct. 10.
- Sorting machine. H. A. Weinlich and U. Kölm. 1,933,357; Oct. 31.
- Sorting machine, Automatic. A. R. Lafferty. 1,931,005; Oct. 17.
- Sorting system. P. E. Stogoff. 1,926,824; Sept. 12.
- SO₂ recovered from refining hydrocarbons with SO₃, Purification of. E. Saegbarth. 1,917,736; July 11.
- SO₂ used in oil refining, Recovery of. G. Cattaneo. 1,913,658; June 13.
- Sound-absorbent material. H. G. Schulstadt. 1,928,034; Sept. 26.
- Sound absorbent material and producing it. P. E. Sabine. 1,900,522; Mar. 7.
- Sound absorbing and deadening material. A. H. Buer-tuempehl. 1,926,509; Sept. 12.
- Sound absorbing material. T. C. Howard. 1,937,889; Dec. 5.
- Sound absorbing material. G. M. Thomson. 1,932,359; Oct. 24.
- Sound absorbing material and making same. C. and O. R. Birchy. 1,914,592; June 20.
- Sound absorbing material and making the same. E. T. Hermann. 1,929,425; Oct. 10.
- Sound absorbing material, Installing. A. L. Foley. 1,928,650; Oct. 3.
- Sound absorbing material, Manufacturing. G. M. Thomson. 1,924,472; Aug. 29.
- Sound absorbing means. A. Stacey, Jr., L. L. Lewis, and M. S. Smith. 1,916,908; July 4.
- Sound-absorbing structure. J. Mazer. 1,925,453; Sept. 5.
- Sound amplifier. C. W. Hicks. 1,900,111; Mar. 7.
- Sound amplifier. T. Lindenberg. 1,902,250; Mar. 21.
- Sound amplifier. T. Lindenberg. 1,934,932; Nov. 14.
- Sound amplifier. C. McLean. 1,914,783; June 20.
- Sound amplifier. J. S. Stone. 1,929,569; Oct. 10.
- Sound amplifying and conducting mechanism. A. D. Cordes. 1,923,066; Aug. 22.
- Sound amplifying device. C. N. Andrews. 1,899,929; Mar. 7.
- Sound and light wave apparatus. N. E. Joaquin and E. Praetorius. 1,934,859; Nov. 14.
- Sound and motion picture apparatus, Synchronizing and control mechanism for. J. B. Olinger. 1,899,048; Feb. 28.
- Sound and sound picture record, Production of. B. E. Eldred. 1,898,040; Feb. 21.
- Sound and the process thereof and apparatus therefor, Recording and reproduction of. C. L. Oswald and W. D. Foster. 1,928,392; Sept. 26.
- Sound, Apparatus for recording and/or reproducing. H. J. Round. 1,925,608; Sept. 5.
- Sound, Apparatus for recording or reproducing. R. D. Given and H. E. Jefferson. 1,893,362; Jan. 3.
- Sound, Apparatus for the reproduction of. F. Serra. 1,937,252; Nov. 28.
- Sound beats, Visually recording. G. Lane. 1,921,470; Aug. 8.
- Sound by means of light sensitive cells, System for reproduction of. A. Poulsen and A. C. G. Petersen. 1,931,829; Oct. 24.
- Sound by the use of cinema film, Recording and reproducing. B. Southwell. 1,910,369; May 23.
- Sound control and transmission system. W. R. Bowker. 1,895,442; Jan. 31.
- Sound control method and practicing same. J. E. Jenkins and S. E. Adair. 1,909,765; May 16.
- Sound correction in an electric circuit. W. N. Barlow. 1,901,429; Mar. 14.
- Sound-deadening attaching device. A. H. and T. H. Chamberlain. 1,935,202; Nov. 14.
- Sound diffractor. J. Boylston. 1,914,072; June 13.
- Sound, Electrically reproducing. A. Hewitt. 1,928,426; Sept. 26.
- Sound employing a separate source of electrical energy, Recording. S. C. Whitman. 1,917,280; July 11.
- Sound film recording apparatus. C. R. Keith. 1,931,025; Oct. 17.
- Sound from a photographic film record, Reproducing. F. H. Owens. 1,922,631; Aug. 15.
- Sound from photographic records, Reproducing. F. Deane. 1,907,748; May 9.

- Sound from photographic sound records, Method and apparatus for producing. L. A. Wilson and J. Johnson. 1,926,607; Sept. 12.
- Sound intercepting ventilator. K. Macleod. 1,929,595; Oct. 10.
- Sound into electrical impulses, Conversion of. R. K. Spotts. 1,899,994; Mar. 7.
- Sound locating apparatus. J. C. Karnes. 1,903,294; Apr. 4.
- Sound locating apparatus. J. C. Karnes. 1,907,996; May 9.
- Sound locating apparatus. J. C. Karnes. 1,908,022; May 9.
- Sound meter. B. E. Eisenhour. 1,924,091; Aug. 29.
- Sound, Method and apparatus for minimizing. F. E. Good. 1,897,649; Feb. 14.
- Sound, Method and apparatus for recording and reproducing. L. G. Larsen. 1,939,992; Dec. 19.
- Sound, Method and apparatus for reproducing. W. H. Bauch. 1,904,711; Apr. 18.
- Sound modifying device. J. B. Steur and C. H. Brown. 1,903,201; Mar. 28.
- Sound of a clock, Means to control the. J. Waldheim. 1,907,283; May 2.
- Sound of an alarm, Means to control the. J. Waldheim. 1,907,282; May 2.
- Sound on film apparatus. C. H. Seaholm. 1,919,753; July 25.
- Sound on photographic film, Method and apparatus for recording and reproducing. T. Lindenberg, jr. 1,925,451-2; Sept. 5.
- Sound pick-up device. P. E. G. Jensen. 1,899,966; Mar. 7.
- Sound pick-up, Directive. F. Rieber. 1,911,772; May 30.
- Sound picture apparatus. T. W. Case. 1,896,682; Feb. 7.
- Sound picture machine. I. Serrurier. 1,940,151; Dec. 19.
- Sound picture record container. H. C. Harrison. 1,940,088; Dec. 19.
- Sound pictures, Producing. G. P. Regan and A. R. Day. 1,895,644; Jan. 31.
- Sound producer, Diaphonic. L. J. Buckley. 1,913,262; June 6.
- Sound, Producing. R. L. Williams. 1,923,956; Aug. 22.
- Sound producing device. C. M. Boudette. 1,893,049; Jan. 3.
- Sound producing device. L. J. Grubman. 1,898,010; Feb. 21.
- Sound producing device. L. J. Grubman. 1,898,773; Feb. 21.
- Soundproof base for machines. K. M. White. 1,922,184; Aug. 15.
- Sound ranging, Method and apparatus for. H. C. Hayes. 1,900,015; Mar. 7.
- Sound ranging system. H. W. Lamson. 1,901,342; Mar. 14.
- Sound receiver, Directionally selective. H. A. Affel. 1,936,706; Nov. 28.
- Sound receiving apparatus. I. C. Clement. 1,906,446; May 2.
- Sound record. C. Dreyfus. 1,907,520; May 9.
- Sound record. S. Whyte. 1,919,920; July 25.
- Sound record and composition of same. H. T. Beans. 1,915,282; June 27.
- Sound record blank. J. A. Miller. 1,905,732; Apr. 25.
- Sound record blank. J. A. Miller. 1,919,117; July 18.
- Sound record, Condensed photophonographic. B. E. Eldred. 1,897,247; Feb. 14.
- Sound record, Light weight. S. Whyte. 1,926,130; Sept. 12.
- Sound recording. A. C. Keller. 1,910,254; May 23.
- Sound recording. D. P. Moore. 1,932,982; Oct. 31.
- Sound recording. K. F. Morgan. 1,921,037; Aug. 8.
- Sound recording. L. T. Robinson. 1,935,417; Nov. 14.
- Sound recording. J. Weinberger. 1,897,222; Feb. 14.
- Sound recording. W. V. Wolfe. 1,940,282; Dec. 19.
- Sound recording and method of and apparatus for making it. J. A. Miller. 1,919,116; July 18.
- Sound recording and producing method. S. C. Whitman. 1,917,279; July 11.
- Sound, Recording and reproducing. H. A. Simpson and T. D. Burhans. 1,928,953; Oct. 3.
- Sound recording and reproducing apparatus. J. C. Snyder. 1,903,487; Apr. 11.
- Sound recording and reproducing device. A. F. J. Wright. 1,939,940; Dec. 19.
- Sound recording and reproducing means. K. Dahmen. 1,897,722; Feb. 14.
- Sound recording and reproducing system. R. C. Burt. 1,940,937; Dec. 26.
- Sound recording and reproducing system. J. R. de la Croix. 1,928,850; Oct. 3.
- Sound recording and reproducing system. W. Herriott. 1,918,267; July 18.
- Sound recording and reproducing system. A. C. Keller. 1,918,271; July 18.
- Sound recording and reproducing system. R. F. Mallina. 1,909,370; May 16.
- Sound recording and reproducing unit. J. M. Kendall. 1,905,175; Apr. 25.
- Sound recording and sound reproducing system. C. R. Hanna. 1,940,858; Dec. 26.
- Sound recording apparatus. D. W. Reynolds and P. J. Schwarzhaupt. 1,896,851; Feb. 7.
- Sound recording apparatus. G. B. Scheibell. 1,892,855; Jan. 3.
- Sound recording device. M. H. Page. 1,902,290; Mar. 21.
- Sound-recording machine. A. F. Sykes. 1,933,457; Oct. 31.
- Sound recording material and method of manufacture. E. M. Patterson. 1,936,686; Nov. 28.
- Sound recording on film. W. Howey. 1,913,446; June 13.
- Sound recording, Photographic. L. W. Chubb. 1,896,768; Feb. 7.
- Sound recording system. S. Kahn. 1,894,373; Jan. 17.
- Sound recording system. C. R. Keith and C. H. Fetter. 1,933,267; Oct. 31.
- Sound recording system. R. R. Scoville. 1,936,176; Nov. 21.
- Sound recording system. H. C. Silent. 1,923,757; Aug. 22.
- Sound recording system. H. C. Silent and R. R. Scoville. 1,926,887; Sept. 12.
- Sound recording system. A. Whitaker. 1,900,679; Mar. 7.
- Sound records for reproduction in combination with moving pictures, Preparation of. A. Whitaker and A. M. Hallawell. 1,921,853; Aug. 8.
- Sound records in color photography, Method and apparatus for placing. W. T. Crespinel. 1,893,698; Jan. 10.
- Sound records, Method of and apparatus for producing. S. Drew. 1,925,919; Sept. 5.
- Sound records, Modification of. R. J. Pomeroy. 1,923,746; Aug. 22.
- Sound records, Production of. P. A. Robbins. 1,909,504; May 16.
- Sound records, Recording and reproducing photographic. F. H. Owens. 1,912,157; May 30.
- Sound records, Reproduction of. W. E. Williams. 1,917,003; July 4.
- Sound reproducer. A. N. Goldsmith and I. Wolff. 1,902,442; Mar. 21.
- Sound reproducer. E. J. Quinby and G. P. Hopkins. 1,931,681; Oct. 24.
- Sound reproducer. E. H. Smythe. 1,895,494; Jan. 31.
- Sound reproducer. E. H. Smythe. 1,930,912; Oct. 17.
- Sound reproducer. E. H. Smythe. 1,931,878; Oct. 24.
- Sound reproducer, Automatic. J. N. Pepin. 1,920,430; Aug. 1.
- Sound reproducer, Electrodynamic. P. L. Jensen. 1,906,379; May 2.
- Sound reproducer, Electromagnetic. S. A. Sollie. 1,934,099; Nov. 7.
- Sound reproducer for talking motion pictures. R. C. Burt. 1,938,805; Dec. 12.
- Sound reproducer, Pneumatic. D. G. Blattner. 1,941,073; Dec. 26.
- Sound reproducer, Pneumatic. R. F. Mallina. 1,904,156; Apr. 18.
- Sound reproducers, Assembling electrodynamic. W. E. Holland. 1,909,275; May 16.
- Sound reproducing. R. T. Friebus. 1,916,973; July 4.
- Sound-reproducing apparatus. R. E. Bowley. 1,934,693; Nov. 14.
- Sound-reproducing apparatus. F. H. Owens. 1,929,119; Oct. 3.
- Sound reproducing apparatus. C. W. Rice and E. W. Kellogg. 1,894,197; Jan. 10.
- Sound reproducing apparatus. L. Stevens. 1,907,893; May 9.
- Sound reproducing apparatus. A. A. Thomas. 1,904,702; Apr. 18.
- Sound reproducing apparatus, Automatic. R. B. Bryant. 1,918,588; July 18.
- Sound reproducing apparatus, Electrical. T. M. Edison. 1,927,158; Sept. 19.
- Sound reproducing apparatus, Photographic. L. de Forest. 1,894,024; Jan. 10.
- Sound reproducing device. L. G. Bostwick. 1,907,723; May 9.
- Sound reproducing device. L. W. Bowen. 1,923,072; Aug. 22.
- Sound-reproducing device. J. S. High. 1,935,185; Nov. 14.
- Sound reproducing device. J. G. Juhasz. 1,923,831; Aug. 22.
- Sound reproducing device. A. M. Nicolson. 1,908,172; May 9.
- Sound-reproducing device. M. Nystrom. 1,918,422; July 18.
- Sound reproducing device. K. R. Smith. 1,926,820; Sept. 12.
- Sound reproducing device. J. Swallow. 1,930,186; Oct. 10.
- Sound reproducing device for moving pictures. A. F. Victor. 1,930,544; Oct. 17.
- Sound reproducing diaphragm. C. M. Tichenor and B. C. Booth. 1,930,328; Oct. 10.
- Sound reproducing machine. G. Eaton. 1,908,738; May 16.
- Sound-reproducing machine. T. M. Edison. 1,910,529; May 23.
- Sound reproducing machine, Automatic selective. J. G. and B. W. Brenner. 1,915,848; June 27.
- Sound reproducing mechanism. E. J. Panish. 1,918,777; July 18.
- Sound reproducing method, Magnetic. V. H. Severy. 1,940,274; Dec. 19.
- Sound reproducing system. E. D. Cook. 1,928,410; Sept. 26.

- Sound reproducing system. J. F. Dreyer, jr. 1,915,926; June 27.
- Sound reproducing system. B. E. G. Mittell. 1,929,928; Oct. 10.
- Sound reproducing system. A. M. Nicolson. 1,931,235; Oct. 17.
- Sound-reproducing system. E. H. Smythe. 1,935,300-1; Nov. 14.
- Sound reproducing system. E. C. Wentz. 1,936,145; Nov. 21.
- Sound reproduction. D. C. Hickson. 1,938,697; Dec. 12.
- Sound reproduction. J. Shaw. 1,939,726; Dec. 19.
- Sound reproduction. E. D. Tillyer. 1,910,576-8; May 23.
- Sound reproduction and distribution. A. M. Nicolson. 1,931,236; Oct. 17.
- Sound, Reproduction of. H. B. Stocks. 1,903,637; Apr. 11.
- Sound signal. R. M. Critchfield. 1,935,788; Nov. 21.
- Sound signal. W. W. Riedel. 1,898,394; Feb. 21.
- Sound suppressing ventilator. E. T. Fisk. 1,896,053; Jan. 31.
- Sound, System for reproducing. J. H. Hammond, jr. 1,937,021; Nov. 28.
- Sound track mechanism. J. C. Kroesen. 1,917,653; July 11.
- Sound track printing attachment for motion picture printers. F. J. Cootz, jr., and G. Seid. 1,901,147; Mar. 14.
- Sound translating device. G. E. Atkins. 1,917,007; July 4.
- Sound translating device. D. G. Blattner. 1,917,012; July 4.
- Sound translating device. L. G. Bostwick. 1,895,441; Jan. 31.
- Sound translating device. L. G. Bostwick. 1,917,013; July 4.
- Sound translating device. H. R. Clarke. 1,901,898; Mar. 21.
- Sound translating device. W. Kalin. 1,916,223; July 4.
- Sound translating device. R. Nordenswan. 1,930,906; Oct. 17.
- Sound transmission reduction structures. R. S. Phillips. 1,908,917; May 16.
- Sound transmitting and sound absorbing construction. J. J. Sullivan. 1,918,149; July 11.
- Sound transmitting device. D. F. Burke. 1,928,309; Sept. 26.
- Sound wave system. C. W. Rice. 1,904,534; Apr. 18.
- Sound waves, Method and apparatus for producing. A. M. Tewksbury. 1,900,623; Mar. 7.
- Sounding board. J. H. Hammond, jr. 1,893,894; Jan. 10.
- Sounds of any desired tone color. Process and apparatus for the production of. H. Könemann. 1,939,355; Dec. 12.
- Sounds, Recording of. F. K. Crowther. 1,902,814; Mar. 28.
- Sowing machine. H. Lenz. 1,915,541; June 27.
- Soya bean protein containing material for the manufacture of an adhesive, and the product thereof, Preparing. L. W. Eilertsen, C. N. Cone, G. Davidson, I. F. Laucks, and H. P. Banks. 1,903,172; Mar. 28.
- Space discharge apparatus. C. A. Sabbah. 1,927,807; Sept. 19.
- Spacer. E. M. Pennock. 1,935,952; Nov. 21.
- Spacer and tie for concrete wall forms. P. Beghetti. 1,912,356; June 6.
- Spacer and tie rod remover. M. M. Whipple. 1,932,540; Oct. 31.
- Spacer attachment for typewriters, Variable. A. R. Murray. 1,941,018; Dec. 26.
- Spacer, Automatic. S. Olson. 1,901,928; Mar. 21.
- Spacer for electrical winding coils. P. A. Gilbert. 1,938,421; Dec. 5.
- Spacer for piling pipe. G. B. Hetherington. 1,921,228; Aug. 8.
- Spacer for reinforcement rods. J. Kassmir. 1,911,957; May 30.
- Spacing machine. H. E. Hintz and G. P. Kline. 1,918,600; July 18.
- Spacing mechanism. J. L. Bernard and F. K. McDaniel. 1,925,623; Sept. 5.
- Spacing mechanism, Variable. J. K. Marshall and P. E. Wiley. 1,926,294; Sept. 12.
- Spacing reinforcement for concrete structures. J. J. Riley. 1,909,121; May 16.
- Spacing tool. A. H. Barrowman. 1,912,027; May 30.
- Spanners, Making adjustable. J. F. G. Chobert. 1,916,605; July 4.
- Spar, Purifying of natural heavy. J. Müller. 1,900,994; Mar. 14.
- Spar, Purifying of natural heavy. J. Müller. 1,923,497; Aug. 22.
- Spare tire carrier. O. C. Ritz Woller. 1,908,557; May 9.
- Spare wheel carrier. T. A. Simpson. 1,928,115; Sept. 26.
- Spare wheel lock. W. L. Hawkins. 1,921,225; Aug. 8.
- Spare wheel lock. E. B. Stone. 1,921,434; Aug. 8.
- Spark amplifier for use in the ignition systems of internal combustion engines. M. G. Hibbs. 1,893,204; Jan. 3.
- Spark apparatus. P. E. Klopsteg. 1,917,847; July 11.
- Spark arrester. W. H. Hirsch. 1,916,762; July 4.
- Spark arrester. J. Slocum. 1,910,817; May 23.
- Spark intensifier. F. L. Doerhoefer. 1,909,255; May 16.
- Spark plug. A. E. Anderson. 1,905,957; Apr. 25.
- Spark plug. W. E. Davis. 1,912,516; June 6.
- Spark plug. A. Goodheim and W. R. Meyer. 1,925,185; Sept. 5.
- Spark plug. A. Guziel and A. Korff. 1,941,170; Dec. 26.
- Spark plug. C. G. Erny. 1,930,003; Oct. 10.
- Spark plug. J. H. Hyde. 1,917,888; July 11.
- Spark plug. L. K. James. 1,927,267; Sept. 19.
- Spark plug. H. M. Little. 1,929,748; Oct. 10.
- Spark plug. H. M. Little and E. R. Holmes. 1,913,712; June 13.
- Spark plug. J. W. Pulliam. 1,906,918; May 2.
- Spark plug. O. C. Rohde. 1,922,175; Aug. 15.
- Spark plug. M. M. Seymour. 1,926,183; Sept. 12.
- Spark plug. F. A. Sharpnack. 1,941,279; Dec. 26.
- Spark plug. A. Tebaldi. 1,935,862; Nov. 21.
- Spark plug. L. Vollmar. 1,913,575; June 13.
- Spark plug. C. F. Wahl. 1,927,621; Sept. 19.
- Spark plug. G. M. Wendling. 1,931,951; Oct. 24.
- Spark plug containing and intensifying gap. J. D. Curtis. 1,922,661; Aug. 15.
- Spark plug pump. D. H. Spicer. 1,911,097; May 23.
- Spark plug terminal. E. Nolan. 1,922,601; Aug. 15.
- Spark plugs, Assembling. H. Rabezzana. 1,940,323; Dec. 19.
- Spark plugs, Manufacture of. H. Rabezzana. 1,940,324; Dec. 19.
- Spark retarding device. M. Mallory. 1,897,704; Feb. 14.
- Spark screen, Adjustable. J. A. Johnson. 1,898,837; Feb. 21.
- Sparkling plug. G. Fossati. 1,896,444; Feb. 7.
- Spatula, Electrically heated wax. W. V. Lane. 1,905,987; Apr. 25.
- Speaker amplifier. E. A. Rockwell. 1,932,460; Oct. 31.
- Speaking device. J. F. Fishman. 1,930,426; Oct. 10.
- Spear. A. L. Hampton. 1,903,109; Mar. 28.
- Special container. J. M. Munson and L. A. Becker. 1,914,152; June 13.
- Spectacle accessories. A. C. Meister. 1,912,948; June 6.
- Spectacle bridge. J. D. Brock. Des. 90,016; May 30.
- Spectacle case. J. M. Shields. 1,919,262; July 25.
- Spectacle frame. M. R. McDaniel. Des. 89,822; May 9.
- Spectacle frame. E. Pappert. Des. 90,994; Nov. 7.
- Spectacle frame. G. H. Wingate. 1,915,707; June 27.
- Spectacle frame hinge. W. D. Eglinton. 1,928,172; Sept. 26.
- Spectacle holder. C. C. Drew. 1,931,286; Oct. 17.
- Spectacle temple fastening device. I. Rosenbaum. 1,924,001; Aug. 22.
- Spectacles. O. B. Carson. 1,904,852; Apr. 18.
- Spectacles. G. H. Ford. 1,934,052; Nov. 7.
- Spectacles. A. Kates. 1,919,731; July 25.
- Spectacles, Attachment for. A. R. Simon and W. R. Uhlemann. 1,899,903; Feb. 28.
- Spectacles, Folding. G. H. Wingate. 1,936,319; Nov. 21.
- Spectacles, Securing means for. L. J. McDonald. 1,898,059; Feb. 21.
- Spectacles temple. J. Verre. 1,899,402; Feb. 28.
- Spectrum analysis, Method of and apparatus for quantitative. F. Twyman. 1,902,109; Mar. 21.
- Speculum. J. B. Bacon. 1,894,725; Jan. 17.
- Speed-adjusting device for polyphase motors. E. H. Belling. 1,928,681; Oct. 3.
- Speed and frequency indicator. T. A. Rich. 1,929,259; Oct. 5.
- Speed and time recorder. J. H. Greenley. 1,899,956; Mar. 7.
- Speed change device. W. H. Johnson. 1,938,594; Dec. 12.
- Speed compressor, High. W. Fourness. 1,905,933; Apr. 25.
- Speed control. J. I. Hull. 1,901,650; Mar. 14.
- Speed control. W. R. Murrow. 1,897,324; Feb. 14.
- Speed control apparatus. W. C. Kennedy. 1,924,558; Aug. 29.
- Speed control, Apparatus for. H. W. Dreyer. 1,917,295; July 11.
- Speed control, Apparatus for. L. O. Heath. 1,897,376; Feb. 14.
- Speed control apparatus for locomotives. H. Lemp. 1,896,633; Feb. 7.
- Speed control device. D. H. Reed. 1,936,993; Nov. 28.
- Speed control device for grinding machine. A. G. Belden and F. E. Drown. 1,927,655; Sept. 19.
- Speed control for elevators. H. D. James. 1,932,073; Oct. 24.
- Speed control for motion picture cameras. G. Lowkrantz. 1,898,675; Feb. 21.
- Speed control, Hydraulic variable. C. H. Roberts. 1,893,654; Jan. 10.
- Speed control means. W. H. Foster. 1,899,027; Feb. 28.
- Speed control valve. W. C. Muller. 1,916,433; July 4.
- Speed controlling and speed measuring centrifugal mechanism. T. H. Barth. 1,936,577; Nov. 28.
- Speed controls for aircraft. F. W. Findley. 1,908,894; Mar. 14.
- Speed device, Variable. E. E. Guinness. 1,901,098; May 16.
- Speed governing, Apparatus for. A. H. Mears. 1,912,853; June 6.
- Speed indicating, control, signal, and alarm device. E. Anderson. 1,938,679; Dec. 12.
- Speed indicating device. J. W. Simmons. 1,906,187; Apr. 25.
- Speed indicating device. J. W. Simmons. 1,920,113; July 25.
- Speed indicator. S. F. Bernström. 1,905,261; Apr. 25.
- Speed indicator. R. J. H. Planiol. 1,903,685; Apr. 11.

- Speed indicator. H. C. Roth. 1,927,597; Sept. 19.
 Speed indicator, Stroboscopic relative. A. J. Heronimos. 1,918,908; July 18.
 Speed indicator with recording devices especially for motor cars. A. Schmelcher. 1,928,505; Sept. 26.
 Speed mechanism, Change. C. H. Richards. Re18,842; May 30.
 Speed mechanism, Constant. H. E. Nichols. 1,903,832; Apr. 18.
 Speed mechanism, Variable. W. A. Adams. 1,913,226; June 6.
 Speed, Method and device for automatically reducing. J. F. Rath. 1,914,865; June 20.
 Speed of a power driven vehicle, Apparatus for controlling the. J. F. Felies. 1,940,081; Dec. 19.
 Speed of a vehicle with the steering mechanism thereof, Device for synchronizing. O. E. Eggen. 1,902,626; Mar. 21.
 Speed of capacitor motor, Varying. R. E. Smith. 1,925,882; Sept. 5.
 Speed of electric motors, Governing the. W. J. Pasinski. 1,931,116; Oct. 17.
 Speed power transmitting mechanism, Variable. F. A. Esch. 1,936,117; Nov. 21.
 Speed reactor control, Variable. B. A. Wesche. 1,894,928; Jan. 17.
 Speed recorder, Pencil controlling means for a. F. L. Ohmer and B. H. Tingley. 1,909,310; May 16.
 Speed reducer. H. Enard. 1,929,058; Oct. 3.
 Speed reducer. W. Nowka. 1,915,797; June 27.
 Speed regulating device. J. S. Oechsle. 1,932,118; Oct. 24.
 Speed regulator. A. S. Fitz Gerald and C. J. Young. 1,907,531; May 9.
 Speed regulator for revolving doors. R. L. Blanchard. 1,918,176; July 11.
 Speed regulator for revolving doors. H. Munson. 1,904,835; Apr. 18.
 Speed responsive apparatus. F. H. Nicholson. 1,912,911; June 6.
 Speed responsive apparatus. P. Utne and R. K. Crooks. 1,912,924; June 6.
 Speed responsive appliance. R. C. Sylvander and R. Beck. 1,912,668; June 6.
 Speed responsive control means. I. L. Eastman. 1,925,484; Sept. 5.
 Speed responsive system. F. H. Winter. 1,894,810; Jan. 17.
 Speed transmission. W. Hasselkus. 1,922,241; Aug. 15.
 Speed transmission, Automatic variable. L. Lombardo. 1,922,624; Aug. 15.
 Speed transmission, Automatic variable. J. C. Messick. 1,894,318; Jan. 17.
 Speed transmission, Change. F. C. Thompson. 1,917,343; July 11.
 Speed transmission device. W. C. Pitter. 1,937,127; Nov. 28.
 Speed transmission for motor vehicles, Hydraulic change. E. E. Foster. 1,896,577; Feb. 7.
 Speed transmission gear, Variable. M. Wagner. 1,909,242; May 16.
 Speed transmission mechanism, Variable. E. Gessner. 1,894,397; Jan. 17.
 Speed transmission mechanism, Variable. J. J. McCarthy. 1,924,508; Aug. 29.
 Speed transmission, Variable. O. H. Banker. 1,937,503; Dec. 5.
 Speed transmission, Variable. R. S. Jacobsen. 1,913,118; June 6.
 Speed transmission, Variable. A. E. Marlof. 1,904,319; Apr. 18.
 Speed transmission, Variable. A. J. Mottlau. 1,938,605; Dec. 12.
 Speed transmission, Variable. D. Parrett. 1,903,914; Apr. 18.
 Speed transmission, Variable. H. L. Prout. 1,912,917; June 6.
 Speed transmission, Variable. R. C. Remy. 1,940,101; Dec. 19.
 Speed unit, Variable. P. B. Reeves. 1,941,417; Dec. 26.
 Speedometer. A. Eisele. 1,895,029; Jan. 24.
 Speedometer. F. A. Fleischmann and A. L. Marsh. 1,894,308; Jan. 17.
 Speedometer. E. D. Phinney. 1,924,413; Aug. 29.
 Speedometer. K. Rezsny. 1,915,761; June 27.
 Speedometer. J. Zubaty. 1,879,964; Feb. 14.
 Speedometer and milemeter, Electric. C. Battagay. 1,933,086; Oct. 31.
 Speedometer for marine craft. C. Knobloch. 1,904,865; Apr. 18.
 Speedometer, Ground. A. Chessin. 1,933,493; Oct. 31.
 Speedometer, Motor vehicle. A. A. and A. H. Thomann. 1,905,015; Apr. 25.
 Speedometer or disconnection of its drive means. Means to prevent detachment of. F. Hennig. 1,902,853; Mar. 28.
 Speedometer stop mechanism. W. J. Obidine. 1,922,319; Aug. 15.
 Speedometer, Temperature compensated. J. Zubaty. 1,897,965; Feb. 14.
 Speedoscope, Direct-reading multispeed. T. A. E. Belt. 1,933,305; Oct. 31.
 Spelling game-board. G. Manos. Des. 89,781; May 2.
 Sphygmomanometer. W. I. Huber. 1,900,285; Mar. 7.
 Sphygmomanometer. W. I. Huber and L. B. Close. 1,900,286; Mar. 7.
 Sphygmomanometer, Recording. K. H. Hubbard. 1,934,124; Nov. 7.
 Spicing, Dry. E. E. Feight. 1,940,624; Dec. 19.
 Spider for metal wheels. F. W. Burger. 1,935,765; Nov. 21.
 Spigot. L. Piro. 1,912,159; May 30.
 Spigot and socket safety joint, Welded. M. Strenger. 1,941,115; Dec. 26.
 Spigot or faucet, Automatic. W. L. Johnson. 1,915,739; June 27.
 Spike and nail extractor. F. Swoyer. 1,903,557; Apr. 11.
 Spike for shoe soles, Antislipping. H. Jessell. 1,925,486; Sept. 5.
 Spike puller. C. E. Doty and M. Bimonte. 1,910,203; May 23.
 Spike puller. H. H. Talboys. 1,893,719; Jan. 10.
 Spike pulling device. W. V. Osborne. 1,908,175; May 9.
 Spike, Railway. E. Kelly. 1,921,194; Aug. 8.
 Spike setting device. F. F. Zavatkay. 1,916,708; July 4.
 Spike, Track rail. R. Faries. 1,899,264; Feb. 28.
 Spikes, Making. F. H. Williams. 1,897,159; Feb. 14.
 Spinal appliance. R. J. Barrows. 1,924,016; Aug. 22.
 Spindle. G. A. Adsit. 1,897,716; Feb. 14.
 Spindle. F. Bauman. 1,902,751; Mar. 21.
 Spindle and croquignole hair waving heater, Combined. E. G. Unger. 1,894,073; Jan. 10.
 Spindle and socket element, Self aligning interfitting. F. Noltin. 1,901,355; Mar. 14.
 Spindle assembly. Doorlatch. H. W. Rightmyer. 1,914,704; June 20.
 Spindle bearing. A. G. Whitehead. 1,904,395; Apr. 18.
 Spindle carrier, Milling machine. R. W. Ott. 1,938,782; Dec. 12.
 Spindle chucking machine, Radial. J. J. Spring. 1,933,500; Oct. 31.
 Spindle construction for machine tools. E. J. Svenson. 1,909,135; May 16.
 Spindle continuous milling machine, Multiple. H. L. Pope. 1,936,263; Nov. 21.
 Spindle, Doorlatch. F. N. Robertson. 1,932,048; Oct. 24.
 Spindle drive for chucking machines, Work. A. J. Lewis. 1,895,079; Jan. 24.
 Spindle drive for machine tools. G. R. Appelberg and D. B. Bullard. 1,938,310; Dec. 5.
 Spindle fitted with roller or ball-bearings. C. Stauffert. 1,911,329; May 30.
 Spindle for wire covering machines. E. Dowald. 1,903,698; Apr. 11.
 Spindle guide bracket. D. C. Klausmeyer. 1,928,756; Oct. 3.
 Spindle lathe, Multiple. A. J. Lewis. 1,895,078; Jan. 24.
 Spindle machine, Automatic multiple. O. E. Trobeck. 1,910,192; May 23.
 Spindle, Machine tool. F. O. Hoagland. 1,897,666; Feb. 14.
 Spindle mounting for insulating machines. R. H. Jenny. 1,924,282; Aug. 29.
 Spindle oscillator. H. Ernst. 1,938,758; Dec. 12.
 Spindle securing means for doorlatches. F. D. Grund. 1,897,698; Feb. 14.
 Spindle shaper. C. A. Herberts. 1,893,080; Jan. 3.
 Spindle swing bracket. R. J. Bartholomew. 1,896,505; Feb. 7.
 Spindle vacuum double seamer, Multiple. H. J. and C. D. Douglass, and M. S. Leve. 1,895,184; Jan. 24.
 Spindles and cups from bicycle bearings and the like, Removing. R. M. Munro. 1,930,859; Oct. 17.
 Spindles in combination with bobbin-winders and stop motion devices for same, Doubling machine and twining. E. Schweizer. 1,899,730; Feb. 28.
 Spindles, Lubrication of spinning and doubling. W. Whiteley. 1,913,620; June 13.
 Spindles, Mechanism for reciprocating grinding wheel. W. J. Guild. 1,904,044; Apr. 18.
 Spindles, Retaining device for twister. W. O. Aldrich. 1,898,115; Feb. 21.
 Spinals, Manufacture of synthetic. H. Espig. 1,913,480; June 13.
 Spinner. J. J. Kilpatrick. 1,902,560; Mar. 21.
 Spinner for aircraft propellers. F. T. Courtney. 1,927,921; Sept. 26.
 Spinner sled. M. O'Brien. 1,899,103; Feb. 28.
 Spinneret and making same, Tantalum. C. H. Kerk. 1,899,419; Feb. 28.
 Spinnerets, Treating. J. Ladrette. 1,901,658; Mar. 14.
 Spinning and twister frame. F. E. Banfield, jr. 1,934,654; Nov. 7.
 Spinning apparatus. T. Harris. 1,922,949-50; Aug. 15.
 Spinning box. I. Meurling. 1,914,273; June 13.
 Spinning cell for the manufacture of artificial filaments with auto-recovery of the volatile solvents. H. L. Barthelemy. 1,906,042; Apr. 25.
 Spinning centrifuge. W. zur Löwen. 1,907,929; May 9.
 Spinning centrifuge. W. zur Löwen. 1,920,732; Aug. 1.
 Spinning centrifuge. W. zur Löwen. 1,920,733; Aug. 1.
 Spinning centrifuge for artificial silk. W. zur Löwen. 1,940,339; Dec. 19.
 Spinning, doubling, twisting and the like, yarns, fibers, and the like. T. E. Andrew and M. Langstreth. 1,917,914; July 11.
 Spinning frame. C. Morton. 1,932,799; Oct. 31.
 Spinning frame. W. M. Spring. 1,928,679; Oct. 3.

- Spinning frames and other machines, Apparatus for operating on. W. J. Smith. 1,920,768; Aug. 1.
- Spinning frames and other machines, Method of and apparatus for operating on. W. J. Smith. 1,892,751; Jan. 3.
- Spinning machine. F. Piron. 1,917,058; July 4.
- Spinning machine, Double twist flyer. A. Ferier. 1,907,530; May 9.
- Spinning mechanism, Long draft. J. A. Jessen. 1,914,603; June 20.
- Spinning, Method of and apparatus for. W. Whitehead. 1,937,614; Dec. 5.
- Spinning ring. H. C. Herr. 1,933,326; Oct. 31.
- Spinning ring. H. E. Herr. 1,909,957; May 23.
- Spinning tong. H. Pennington. 1,925,970; Sept. 5.
- Spiral pipe. E. H. Taylor. 1,928,118; Sept. 26.
- Spiral spring. J. A. Van den Broek. 1,895,948; Jan. 31.
- Spirits by fermentation, Manufacturing distillable. S. L. Wells. 1,904,589; Apr. 18.
- Spit for smokers' pipes. J. T. McClenahan. 1,929,557; Oct. 10.
- Splash guard for vehicle fenders. C. A. Persons. 1,910,635; May 23.
- Splice bar. E. Woodings. Re18,794; Apr. 11.
- Splicer, Trolley wire. R. H. McCafferty. 1,940,873; Dec. 26.
- Splicing. J. A. Cameron. 1,931,953; Oct. 24.
- Splicing device, Quick change. H. A. W. Wood. 1,909,443; May 16.
- Splicing device, Quick change. H. A. W. Wood. 1,924,583; Aug. 29.
- Spline shafts, Making. I. B. Swegles. 1,907,897; May 9.
- Splint. R. Anderson. 1,928,658; Oct. 3.
- Splint. C. V. Fisher. 1,934,346; Nov. 7.
- Splint, Cervical. E. E. Longfellow. 1,930,440; Oct. 10.
- Splint, Clavicle. J. J. Ettinger. 1,917,106; July 4.
- Splint, Forearm extension. H. H. Leiter. 1,930,813; Oct. 17.
- Splint, Surgical. J. J. Ettinger. 1,904,363; Apr. 18.
- Splint, Surgical. J. J. Ettinger. 1,921,987; Aug. 8.
- Splint, Surgical. C. P. Jones. 1,914,691; June 20.
- Splitting machine. T. H. Seely. 1,896,187; Feb. 7.
- Splitting reactions by means of electronic discharge. A. O. Jaeger. 1,909,357; May 16.
- Spoke for metal wheels, Divided. E. W. Stoler. 1,934,102; Nov. 7.
- Spoke wire wheel, Combined tension and compression. H. J. Horn. 1,910,164; May 23.
- Sponge applicator. W. B. Jones. 1,909,966; May 23.
- Sponge, Bath. G. L. Smith. 1,933,876; Nov. 7.
- Sponge for scouring metal and enamel ware, Artificial. A. Blustein. 1,924,974; Aug. 29.
- Sponge-holder for surgical use. J. L. Olenik. 1,913,770; June 13.
- Sponge, Making a metal. P. Kranz and A. P. Schmid. 1,910,612; May 23.
- Sponge rubber pad to a backing member, Attaching a. A. Graf. 1,921,252; Aug. 8.
- Sponge washer. W. E. Harvie. 1,921,921; Aug. 8.
- Sponges from cellulose, Manufacture of artificial. H. Pfannenstiel and W. Johannes. 1,909,629; May 16.
- Spool. G. D. Atwood. 1,897,227; Feb. 14.
- Spool. G. H. Bird. 1,919,270; July 25.
- Spool. G. H. Bird. 1,925,042; Aug. 29.
- Spool. G. Bochmann. 1,916,822; July 4.
- Spool. C. K. Dunlap. 1,901,737; Mar. 14.
- Spool. C. K. Dunlap. 1,906,788; May 2.
- Spool. H. C. Howsam. 1,923,267; Aug. 22.
- Spool. H. Moretti. 1,909,979; May 23.
- Spool. A. E. Paige. 1,941,413; Dec. 26.
- Spool. C. P. Park. 1,925,277; Sept. 5.
- Spool. W. L. Rutkowski. 1,923,510; Aug. 22.
- Spool. J. K. Taylor. 1,906,777; May 2.
- Spool. W. R. West. 1,940,638; Dec. 19.
- Spool and container, Combined. G. C. Deane. 1,899,796; Feb. 28.
- Spool and container therefor. W. F. Muhlbach. 1,939,718; Dec. 15.
- Spool and core, Textile machinery. E. G. Crooks. 1,934,168-9; Nov. 7.
- Spool and holder therefor. R. Ellsner and R. H. Carter. 1,934,176; Nov. 7.
- Spool and holder therefor, Flanged. R. H. Carter. 1,901,226; Mar. 14.
- Spool and spool holder for threads, such as rayon or artificial silk. R. Levison. 1,928,979; Oct. 3.
- Spool, Cat line. B. Travis. 1,905,577; Apr. 25.
- Spool display device. A. Ogden. 1,930,321; Oct. 10.
- Spool for Axminster looms. W. H. Wilson. 1,893,386; Jan. 3.
- Spool for electrical coils. F. Stolp. 1,895,776; Jan. 31.
- Spool for photographic films. T. G. Baxenden and J. R. Collyear. 1,892,717; Jan. 3.
- Spool for photographic films. T. G. Baxenden and J. R. Collyear. 1,931,219; Oct. 17.
- Spool for thread. H. G. Stino. 1,906,495; May 2.
- Spool holder. R. H. Carter. 1,918,518; July 18.
- Spool, Metallic. W. C. Mills. 1,920,421-2; Aug. 1.
- Spool or reel, Metallic. W. C. Mills. 1,920,420; Aug. 1.
- Spool, Photographic roll film. G. Ollendorff. 1,903,937; Apr. 18.
- Spool table. F. J. Garretson. 1,940,165; Dec. 19.
- Spool, Wound. M. F. Jamar, jr. 1,909,277; May 16.
- Spool, Yarn. E. F. Hathaway. 1,924,929; Aug. 29.
- Spooling device for drum cables. R. G. Le Tourneau. 1,916,732; July 4.
- Spooling machine. C. Herrmann. 1,893,055; Jan. 3.
- Spools and cops, Apparatus for winding. H. Schweiter. 1,935,524; Nov. 14.
- Spoon, Fiber. E. R. Lilley. 1,897,809; Feb. 14.
- Spoon, Fishing. F. S. Tucker. 1,938,266; Dec. 5.
- Spoon holder for two edge cutting blades, File wire. F. Dehler. 1,917,019; July 4.
- Spoon, knife, and fork polishing machine. V. Nardi. 1,908,915; May 16.
- Spoon, Measuring. G. F. Baker, Jr. Des. 90,906; Oct. 24.
- Spoon of paper or like material. R. A. Christie. 1,907,737; May 9.
- Spoon or article of analogous nature. H. E. Nock. Des. 90,259; July 4.
- Spoon or other article of flatware. E. T. Beck. Des. 90,147; June 20.
- Spoon or other article of flatware. E. T. Beck. Des. 90,277; July 11.
- Spoon or other article of flatware. G. L. Crowell. Des. 91,012; Nov. 14.
- Spoon or other article of flatware. L. Helander. Des. 90,982; Nov. 7.
- Spoon or other article of flatware. A. G. Kintz. Des. 90,986; Nov. 7.
- Spoon or similar article. G. N. Allen, M. G. Parker, and L. E. Ressegger. Des. 90,864; Oct. 17.
- Spoon or similar article. J. R. Price. Des. 90,380; July 25.
- Spoon or similar article. A. H. Staf. Des. 90,461; Aug. 8.
- Spoon or similar article. G. N. Stieff. Des. 90,220; June 27.
- Spoon or similar article. G. L. Turner. Des. 89,935; May 16.
- Spoon or similar article. W. S. Warren. Des. 89,542; Mar. 21.
- Spoon or the like, Measuring. K. Rettich. Des. 91,251; Dec. 26.
- Spoon, Soldering. O. F. Kuula. 1,938,630; Dec. 12.
- Spot cleaning device. J. S. Thompson. 1,892,792; Jan. 3.
- Spotlight. G. Dietz. 1,897,364; Feb. 14.
- Spotlight, Dirigible. C. Sklarek. 1,906,489; May 2.
- Spotlight mounting and method. H. R. Gross. 1,913,075; June 6.
- Spotlight signal. F. M. Miller. 1,928,338; Sept. 26.
- Spot welding. M. J. Cohan. 1,900,161; Mar. 7.
- Spots from aluminum-silicon alloys, Removing hard. R. S. Archer. 1,908,300; May 9.
- Spotting and release mechanism, Combined. E. F. Green. 1,930,197; Oct. 10.
- Spout and container, Pouring. H. Brucker. 1,934,695; Nov. 14.
- Spout, Carton. W. B. McLaughlin. 1,920,653; Aug. 1.
- Spout, Chipper. S. D. Payz r. 1,906,486; May 2.
- Spout container, Pouring. W. L. Rutkowski. 1,897,959; Feb. 14.
- Spout equipped box. W. J. Geist. 1,940,412; Dec. 19.
- Spout for containers, Detachable. B. M. Gandola. 1,911,076; May 23.
- Spout for containers, Pouring. W. L. Rutkowski. 1,897,958; Feb. 14.
- Spout for salt and like containers, Pouring. W. L. Rutkowski. 1,920,131; July 25.
- Spout support and cap, Water. J. Short and V. Rigert. 1,932,256; Oct. 24.
- Spray. E. Beck. 1,895,307; Jan. 24.
- Spray. F. W. Rombach. 1,926,651; Sept. 12.
- Spray and injector, Powder. R. Sundock. 1,929,154; Oct. 3.
- Spray booth compartment. W. T. McCoy. 1,907,389; May 2.
- Spray coating exhaust system. E. G. Whitmore. 1,906,352; May 2.
- Spray device, Centrifugal. R. W. Beckett and O. Thiel. 1,906,515; May 2.
- Spray device, Hand. A. M. Herbsman and R. B. Campbell. Des. 89,152; Jan. 31.
- Spray extractor. G. Raymond. 1,916,528; July 4.
- Spray for coating molds. J. F. McClinton. 1,906,388; May 2.
- Spray gun regulator. S. P. Larson. 1,926,293; Sept. 12.
- Spray head. F. Hanlan. 1,910,765; May 23.
- Spray head. R. H. Mueller and C. B. Albert. 1,934,553; Nov. 7.
- Spray head, Self cleaning. E. G. Munz. 1,899,711; Feb. 28.
- Spray, Horticultural. A. E. Badertscher. 1,938,652; Dec. 12.
- Spray-producer. A. Richter. 1,911,970; May 30.
- Spray treating of web material on the paper machine. E. P. Arpin, jr. 1,938,790; Dec. 12.
- Spray, Tree. M. D. Farrar. 1,910,684; May 23.
- Sprayer. A. A. Breuer. 1,911,603; May 30.
- Sprayer. G. C. Pharo. 1,923,059; Aug. 15.
- Sprayer. R. T. Phipps. 1,939,461; Dec. 12.
- Sprayer and making the same, Liquid. C. F. Ellsworth. 1,905,828; Apr. 25.
- Sprayer and sweeper, Combination. M. Greenberg. 1,903,896; Apr. 18.
- Sprayer construction. N. W. De Frees. 1,920,636; Aug. 1.
- Sprayer, Laundry. N. Sameshima. 1,923,279; Aug. 22.
- Sprayer, Pocket. J. F. Rogers. 1,908,447; May 9.
- Sprayer, Powder. J. Anderson. 1,924,013; Aug. 22.
- Sprayer, Steam. F. Ewing. 1,936,591; Nov. 28.

- Sprayer, Whirling. J. A. Brooks. 1,919,196; July 25.
 Spraying and distributing means. H. A. Cederstrom. 1,909,755; May 16.
 Spraying and injecting device for internal combustion engines employing liquid fuel. E. H. Tartrais. 1,893,457; Jan. 3.
 Spraying and sprinkling system, Combined orchard. A. E. Spindt. 1,895,739; Jan. 31.
 Spraying apparatus. C. E. Fawkes. 1,908,230; May 9.
 Spraying apparatus. H. J. Mills. 1,900,837; Mar. 7.
 Spraying apparatus. A. O. Price. 1,921,698; Aug. 8.
 Spraying apparatus, Electrically operated. M. D. Russell. 1,930,983; Oct. 17.
 Spraying apparatus, Fluid pressure. W. Ernst. 1,915,124; June 20.
 Spraying device. W. H. Andrews. 1,919,153; July 18.
 Spraying device. S. Deutsch. 1,899,749; Feb. 28.
 Spraying device. H. J. P. Enemark. 1,904,428; Apr. 18.
 Spraying device. W. Hermann. 1,910,014; May 23.
 Spraying device. W. H. Kitto. 1,911,367; May 30.
 Spraying device. L. L. Tirrell. 1,920,721; Aug. 1.
 Spraying device. P. L. Wilbur. 1,935,687-9; Nov. 21.
 Spraying device for hot rod mill reels. C. J. Brown and H. B. Trott. 1,933,412; Oct. 31.
 Spraying device, Rotary. E. G. Munz. 1,919,244; July 25.
 Spraying mechanism. A. C. Andreasen. 1,923,654; Aug. 22.
 Spreader. C. Holliday and C. H. Naber. 1,913,160; June 6.
 Spreader. W. F. Pape. 1,894,223; Jan. 10.
 Spreader. J. B. Simpson. 1,896,205; Feb. 7.
 Spreader. W. B. Simpson. 1,904,989; Apr. 18.
 Spreader. R. E. Smith. 1,938,669; Dec. 12.
 Spreader clamp. E. A. Podd. 1,905,051; Apr. 25.
 Spreader for road surfacing fluid. M. Kanen. 1,914,950; June 20.
 Spreader for spray compositions. J. F. Littooy. 1,898,673; Feb. 21.
 Spreader, Manure. S. B. Alcott. 1,918,680; July 18.
 Spreading apparatus. A. I. Dean. 1,919,619; July 25.
 Spring: See—
 Bed spring. Leaf spring.
 Car truck spring. Nitrided spring.
 Closure-holding and re- Spiral spring.
 turn spring. Suspension spring.
 Clutch spring. Truck spring.
 Coiled spring. Upholstering spring.
 Double deck spring. Valve spring.
 Friction controlled spring. Vehicle spring.
 Friction spring.
 Spring. A. H. Adams. 1,897,411; Feb. 14.
 Spring. W. Beck. 1,917,486; July 11.
 Spring. T. Held. 1,934,978; Nov. 14.
 Spring. H. Langen. 1,935,364; Nov. 14.
 Spring. E. G. Lindhe. 1,902,036; Mar. 21.
 Spring and a manner of applying same. Pneumatic. J. E. Johnson. 1,937,896; Dec. 5.
 Spring and axle wedge, Adjustable. A. W. Corriveau. 1,901,287; Mar. 14.
 Spring and bearing support. J. W. Leighton. 1,907,073; May 2.
 Spring and cushion, Air. F. E. Christopher. 1,903,775; Apr. 18.
 Spring and mattress construction. E. A. Oehrl. 1,903,224; Mar. 28.
 Spring and mattress construction, Bed. F. Riemer and G. T. Dobie. 1,926,650; Sept. 12.
 Spring and shock absorber, Vehicle. M. Gzupkaytie. 1,904,220; Apr. 18.
 Spring and spring cup maker and assembler. A. J. Lewis, J. W. Richardson, and C. J. Spill. 1,920,265; Aug. 1.
 Spring arrangement for car trucks. C. L. Orr. 1,894,193; Jan. 10.
 Spring assembling machine. J. F. Gail. 1,905,459; Apr. 25.
 Spring assembling machine. L. H. Heuer. 1,920,862; Aug. 1.
 Spring assembling machine. L. H. Heuer. 1,930,715; Oct. 17.
 Spring assembling machine. C. D. Karr. 1,922,002; Aug. 8.
 Spring assembling mechanism and method. W. E. Wunderlich. 1,932,566; Oct. 31.
 Spring assembly. C. D. Karr. 1,906,612; May 2.
 Spring assembly. C. D. Karr. 1,918,399; July 18.
 Spring assembly. C. D. Karr. 1,938,489; Dec. 5.
 Spring assembly. F. Karr. 1,897,309; Feb. 14.
 Spring assembly. G. E. Taylor. 1,931,744; Oct. 24.
 Spring assembly. W. E. Wunderlich. 1,926,991; Sept. 12.
 Spring assembly for mattresses and the like. L. H. Heuer. 1,907,541; May 9.
 Spring assembly for upholstery. R. L. Stevens. 1,935,358; Nov. 14.
 Spring assembly for upholstery and mattresses. L. A. Suekoff. 1,934,153; Nov. 7.
 Spring assembly for upholstery, Reinforced. L. A. Suekoff. 1,931,094; Oct. 17.
 Spring balancing device for sliding sash windows and the like. H. J. Lean. 1,909,588; May 16.
 Spring bed. C. B. Chenault. 1,938,277; Dec. 5.
 Spring board. E. P. Finigan. 1,921,664; Aug. 8.
 Springboard, Adjustable. H. N. Stevenson. 1,902,673; Mar. 21.
 Spring bumper for vehicles, Auxiliary. G. O. Stratton. 1,937,854; Dec. 5.
 Spring chuck. C. W. Faust. 1,903,964; Apr. 18.
 Spring clip. H. Parris. 1,907,655; May 9.
 Spring clip. A. J. Todd. Des. 90,930; Oct. 24.
 Spring clip, Vehicle. G. W. Crabtree. 1,893,229; Jan. 3.
 Spring clip, Vehicle. G. W. Crabtree. 1,894,757; Jan. 17.
 Spring clutch. W. C. Pitter. 1,940,880; Dec. 26.
 Spring clutch. W. C. Starkey. 1,939,730; Dec. 19.
 Spring clutch, Double-acting coil. N. A. Palmgren. 1,909,420; May 16.
 Spring clutch, Overrunning. D. T. Brownlee. 1,934,790; Nov. 14.
 Spring coiling device. G. C. Burd and O. Bratz. 1,908,884; May 16.
 Spring coiling machine. M. Nigro. 1,897,855; Feb. 14.
 Spring coiling machine. W. Vinar. 1,930,329; Oct. 10.
 Spring coils, Method and apparatus for manufacturing. P. Koenig. 1,908,261; May 9.
 Spring compressor. H. W. Kulp and M. C. Dellinger. 1,924,246; Aug. 29.
 Spring connecting means. D. S. Barnard. 1,925,066; Aug. 29.
 Spring connection. G. C. Frantz. 1,904,681; Apr. 18.
 Spring connection. R. Henry. 1,922,765; Aug. 15.
 Spring connection. R. R. Searles. 1,920,132; July 25.
 Spring connection. R. B. Searles. 1,935,957-8; Nov. 21.
 Spring connection for vehicles. H. D. Church. 1,921,562; Aug. 8.
 Spring construction. W. B. Foster. 1,895,429; Jan. 24.
 Spring construction. H. F. Hager and C. F. McCoy. 1,913,353; June 6.
 Spring construction. R. S. Jones. Re18,976; Oct. 24.
 Spring construction. R. S. Jones. 1,915,674; June 27.
 Spring construction. F. J. Laher. 1,934,767; Nov. 14.
 Spring construction. E. G. Lindhe. 1,902,134; Mar. 21.
 Spring construction. R. W. Nilsson. 1,900,841; Mar. 7.
 Spring control. T. C. McConkey and G. Picard. 1,892,991; Jan. 3.
 Spring cover. J. Brown. 1,913,020; June 6.
 Spring cover. W. S. James. 1,925,253; Sept. 5.
 Spring cover. E. Kuechle. 1,922,210; Aug. 15.
 Spring cover. H. G. Kuechle. 1,893,950; Jan. 10.
 Spring cover. T. Munro. 1,897,272; Feb. 14.
 Spring covers, Making. G. W. Crist. 1,925,713; Sept. 5.
 Spring cushion. J. T. Atwood. 1,920,176; Aug. 1.
 Spring cushion. R. J. and H. G. Beede. 1,924,973; Aug. 29.
 Spring-cushion. H. Perlesz. 1,929,792; Oct. 10.
 Spring cushion construction. S. Krakauer and S. S. Marcus. 1,906,159; Apr. 25.
 Spring cushion structure. T. D. Stewart. 1,930,697; Oct. 17.
 Spring cushion unit. M. J. Rymland. 1,910,126; May 23.
 Spring dampener or cushion. J. L. Sjolander. 1,928,678; Oct. 3.
 Spring device. E. G. Hallquist. 1,936,389; Nov. 21.
 Spring device. C. F. Ross. 1,931,708; Oct. 24.
 Spring device for drilling machines. A. Hossfeld. 1,930,098; Oct. 10.
 Spring device, Suspension. W. P. Woolley. 1,922,339; Aug. 15.
 Spring end connection. F. J. Bechert. 1,896,878-9; Feb. 7.
 Spring end connection. F. J. Bechert. 1,928,959; Oct. 3.
 Spring-engaged shoe clutch. T. L. Fawick. 1,940,407; Dec. 19.
 Spring eye joint. O. U. Zerk. 1,931,945; Oct. 24.
 Spring fastener for brooches and the like. L. A. Aanerud. 1,908,469; May 9.
 Spring for cars. S. O. Jakobsen. 1,917,373; July 11.
 Spring for clocks, watches, etc., Torsion. T. H. Chamberlain. 1,931,251; Oct. 17.
 Spring for fishing reels, Click. C. T. Pfueger. 1,899,914; Feb. 28.
 Spring for motor cars, Auxiliary. J. F. Rogers and W. D. Doonan. 1,922,781; Aug. 15.
 Spring for reinforcing clamping devices. W. C. Jackson. 1,893,975; Jan. 10.
 Spring for scissors or the like, Detachable. M. Schnefel. 1,915,450; June 27.
 Spring for vehicles. A. Haller. 1,928,176; Sept. 26.
 Spring for vehicles, Auto pneumatic. J. B. Strauss. 1,929,857; Oct. 10.
 Spring-forming mechanism. W. H. Bleuel. 1,935,309; Nov. 14.
 Spring frog. H. E. Muehnic. 1,905,736; Apr. 25.
 Spring gib. A. G. Decker. 1,917,926; July 11.
 Spring hanger cover. T. Munro. 1,906,401; May 2.
 Spring harrow teeth, Making. J. R. Kovar. 1,933,559; Nov. 7.
 Spring heel seat. W. S. Shaft. 1,920,112; July 25.
 Spring hinge. E. N. Biegler. 1,935,603; Nov. 21.
 Spring hinge. P. J. March. 1,912,289; May 30.
 Spring hinge, Adjustable. A. E. Busch. 1,926,431; Sept. 12.
 Spring hinge and adjustable leaf. E. Bommer. 1,924,537; Aug. 29.
 Spring injection fuel pump. S. von B. Rennerfelt. 1,929,935; Oct. 10.
 Spring jack. C. L. Knutson. 1,906,469; May 2.
 Spring leaf arching machine. J. C. Baldwin and C. C. McKnight. 1,933,957; Nov. 7.
 Spring leaf bearing insert. C. A. Tea. 1,927,619; Sept. 19.
 Spring lubricating device. D. K. Pope. 1,925,337; Sept. 5.

- Spring lubricating tool. V. E. Carver. 1,915,269; June 27.
- Spring mechanism for fluid pressure brakes. S. G. Down and C. C. Farmer. 1,898,525; Feb. 21.
- Spring mechanism, Quick service. C. C. Farmer. 1,935,793; Nov. 21.
- Spring motor. H. L. Roderick. 1,936,072; Nov. 21.
- Spring oiling device. E. W. Trucker. 1,925,944; Sept. 5.
- Spring pad. E. C. Mogford and G. Spatta. 1,908,856; May 16.
- Spring pad, Flexible. G. W. Bristol. 1,897,836; Feb. 14.
- Spring perch, Vehicle. D. Nettenstrom. 1,898,204; Feb. 21.
- Spring plate. J. M. Hall. 1,913,076; June 6.
- Spring roller. C. Traut. 1,938,729; Dec. 12.
- Spring sash balance housing. A. H. Kersting. 1,907,830; May 9.
- Spring seat. H. Fromm. 1,931,407; Oct. 17.
- Spring seat. W. A., sr., and W. A. Murray, jr. 1,893,098; Jan. 3.
- Spring shackle. W. C. Betz. 1,904,264; Apr. 18.
- Spring shackle. J. R. Chamberlain. 1,920,000; July 25.
- Spring shackle. F. E. Fisher. 1,921,665; Aug. 8.
- Spring shackle. H. D. Geyer. 1,939,444; Aug. 12.
- Spring shackle. E. J. W. Nielsen. 1,936,258; Nov. 21.
- Spring shackle. R. Schiavulli. 1,903,271; Mar. 28.
- Spring shackle. G. Thompson, I. M. Steele, and H. Maas, jr. 1,909,732; May 16.
- Spring shackle for motor vehicles. J. W. Leighton. 1,910,256; May 23.
- Spring shackle mechanism. O. U. Zerk. 1,924,587; Aug. 29.
- Spring shackle, Oil-less. R. Henry. 1,920,558; Aug. 1.
- Spring shackle repair means. M. Jensen. 1,928,834; Oct. 3.
- Spring shackle, Self-lubricating. W. A. Tryon. 1,933,572; Nov. 7.
- Spring shackle, Threaded. J. W. Leighton. 1,924,448; Aug. 29.
- Spring shackle, Wear compensating. W. A. Tryon. 1,908,799; May 16.
- Spring spreader, Vehicle. G. R. Gayne. 1,898,121; Feb. 21.
- Spring structure. W. S. Costigan. Re18,860; June 6.
- Spring structure. W. A. Falls. 1,899,188; Feb. 28.
- Spring structure. W. B. Foster. 1,899,087; Feb. 28.
- Spring structure. E. L. Goltry. 1,922,001; Aug. 8.
- Spring structure. W. T. Kyle. 1,898,491; Feb. 21.
- Spring structure. C. Lofman. 1,898,455; Feb. 21.
- Spring structure. J. M. Oldham. 1,897,396; Feb. 14.
- Spring structure. G. A. Stackhouse. 1,897,402; Feb. 14.
- Spring structure for lateral motion trucks, Volute. C. J. Holland. 1,916,317; July 4.
- Spring structures, Method and apparatus for making. C. Kirchner. 1,907,323; May 2.
- Spring support. N. Fellabaum. 1,928,526; Sept. 26.
- Spring support. A. R. Le Bailly. 1,893,295; Jan. 3.
- Spring suspension. R. S. Carter. 1,911,490; May 30.
- Spring suspension. C. O. Guernsey. 1,935,844; Nov. 21.
- Spring suspension. E. R. Gurney. 1,908,751; May 16.
- Spring suspension. F. Nallinger. 1,907,262; May 2.
- Spring suspension. R. T. Osman. 1,920,661; Aug. 1.
- Spring suspension for automobile chassis. M. T. Liang. 1,894,776; Jan. 17.
- Spring suspension for chairs. C. C. Meutsch. 1,917,313; July 11.
- Spring suspension for individually sprung wheels. A. F. Masury. 1,920,206; Aug. 1.
- Spring suspension for individually sprung wheels, Torsional. A. F. Masury. 1,938,847; Dec. 12.
- Spring suspension for motor vehicles. A. Moorhouse. 1,907,853; May 9.
- Spring suspension for vehicles. F. H. Jones. 1,918,755; July 18.
- Spring suspension for vehicles, Compensating. A. G. Rayburn. 1,912,308; May 30.
- Spring system, Railway. A. C. Wintemberg and T. H. Ainsworth. 1,935,341; Nov. 14.
- Spring tension device. H. F. Koch, and L. Wehner. 1,928,106; Sept. 26.
- Spring tester. C. C. Farmer. 1,898,529; Feb. 21.
- Spring testing machine. C. A. Thelander. 1,921,793; Aug. 8.
- Spring toggle. J. Karitzky. 1,939,983; Dec. 19.
- Spring turning mechanism. B. R. Schneider and K. Kaiser. 1,915,957; June 27.
- Spring unit. N. L. Stoerckel. 1,927,722; Sept. 19.
- Spring unit and assembly for railway cars. W. E. Wine. 1,934,579; Nov. 7.
- Spring unit and forming same, Fixed size. R. S. Jones. 1,916,512; July 4.
- Spring unit for chair seat frames. C. W. Steele and D. I. Levine. 1,915,390; June 27.
- Spring unit, Interchangeable volute. W. E. Wine. 1,910,912; May 23.
- Spring washer. J. A. Kimberly. 1,925,098; Sept. 5.
- Spring washer, Nonentangling. E. D. Cowlin. 1,927,975; Sept. 26.
- Spring wheel. E. Clem. 1,895,539; Jan. 31.
- Spring winder. G. H. Babcock. 1,921,600; Aug. 8.
- Springs and the like, Covering. K. W. Mayhew and M. E. Holloway. 1,918,189; July 11.
- Springs, Forming loops on coil. W. Kiwi. 1,908,367; May 9.
- Springs, Making clutch. C. Drexler. 1,935,147; Nov. 14.
- Springs, Making coil. F. J. Dedrick and M. Hider. 1,906,449; May 2.
- Springs, Mounting of vehicle. G. Schlatter. 1,916,077; June 27.
- Springs, Stabilizing means for vehicle. E. S. MacPherson. 1,915,134; June 20.
- Springs, Winding convoluted. A. H. Adams. 1,897,412; Feb. 14.
- Sprinkler. W. A. Buckner. 1,917,632; July 11.
- Sprinkler. C. P. Ittner. 1,938,837; Dec. 12.
- Sprinkler. N. D. Jacobson. 1,938,838; Dec. 12.
- Sprinkler. P. Lippert. 1,892,959; Jan. 3.
- Sprinkler. A. J. Loepsinger. 1,913,035; June 6.
- Sprinkler. M. W. McArdle. Des. 89,904; May 16.
- Sprinkler. E. G. Munz. 1,919,245; July 25.
- Sprinkler. L. R. Nelson. 1,911,381; May 30.
- Sprinkler, Circular orchard. C. N. Foster. 1,914,850; June 20.
- Sprinkler head. J. H. and W. R. Clarke. 1,912,067; May 30.
- Sprinkler head. A. Loepsinger. 1,919,235; July 25.
- Sprinkler head. H. E. Meng. 1,900,124; Mar. 7.
- Sprinkler head. A. C. Rowley. 1,929,333; Oct. 3.
- Sprinkler head, Thermo-electric. C. E. Green. 1,904,828; Apr. 15.
- Sprinkler head, Underground lawn. E. P. Brady. 1,935,511; Dec. 5.
- Sprinkler heads, Slow-speed rotation facilitator for. W. A. Buckner. 1,910,678; May 23.
- Sprinkler, Illuminable. W. H. Requa. 1,929,825; Oct. 10.
- Sprinkler, Lawn. J. H. Butler. 1,901,225; Mar. 14.
- Sprinkler, Lawn. J. H. Keys. 1,901,655; Mar. 14.
- Sprinkler, Lawn. K. J. Knuth. 1,906,621; May 2.
- Sprinkler, Lawn. H. E. Meng. 1,895,890; Jan. 31.
- Sprinkler or fire extinguisher and other fire device, Automatic. S. F. Barclay. 1,905,676; Apr. 25.
- Sprinkler, Rotary. L. Meinhold. 1,929,597; Oct. 10.
- Sprinkler, Rotary. E. G. Munz. 1,919,246-7; July 25.
- Sprinkler, Rotary. H. R. Munz. 1,919,243; July 25.
- Sprinkler, Rotary. G. D. Phillips. 1,941,269; Dec. 26.
- Sprinkler, Slow motion rotary. J. H. Keys. 1,906,382; May 2.
- Sprinkler system, Fire extinguishing. N. Chandler. 1,939,764; Dec. 19.
- Sprinkler system, Pendant. E. Tyden. 1,903,150; Mar. 28.
- Sprinkler, Track. W. H. Whalen. 1,926,076; Sept. 12.
- Sprinkler valve, Fire extinguishing. A. E. Boardman. 1,900,632; Mar. 7.
- Sprinkler, Water. J. J. McTernan. 1,906,991; May 2.
- Sprinkling device. L. N. Duncan. 1,904,292; Apr. 18.
- Sprocket. H. S. Best. 1,933,698; Nov. 7.
- Sprocket or pulley, Expandible. C. B. Larsen and W. C. Hammond. 1,921,197; Aug. 8.
- Sprocket wheel, Hollow-tooth. C. Rorabeck. 1,934,819; Nov. 14.
- Sprue forming and table locking mechanism. G. F. Yager and O. J. Heath. 1,903,616; Apr. 11.
- Spud for dredges. A. Neveling. 1,915,331; June 27.
- Spudder, Hydraulic. H. Pearsall. 1,898,684; Feb. 21.
- Square. I. Dion. 1,913,919; June 13.
- Square, Folding. H. E. Lee. 1,908,518; May 9.
- Square, Mechanic's. C. Griffin. 1,919,551; July 25.
- Squeegee. J. M. Oberti. 1,918,611; July 18.
- Squeegee. O. A. Pelz. 1,934,556; Nov. 7.
- Squeegee for windshield wipes. D. D. Shierk. 1,940,329; Dec. 19.
- Squeegee machine. A. P. Carter, M. J. Hynes, and J. C. Cronin. 1,905,440; Apr. 25.
- Squeezer, Fruit. W. H. Pleiss. Des. 89,057; Jan. 17.
- Squeeze tube container. T. A. J. Le Blanc. 1,940,719; Dec. 26.
- Stability control. A. D. Forbes. 1,934,529; Nov. 7.
- Stability-preserving means for transmission systems. R. C. Bergvall. 1,935,259; Nov. 14.
- Stabilizer adjusting mechanism. C. E. Hathorn. 1,902,071; Mar. 21.
- Stabilizer control. R. S. Van Atta. 1,907,374; May 2.
- Stabilizer for floating engine mountings. P. E. Matthews. 1,908,775; May 16.
- Stabilizer for vehicles. E. A. Newton. 1,939,610; Dec. 12.
- Stabilizing device. W. Chater. 1,899,079; Feb. 28.
- Stabilizing device for aircraft. C. R. A. M. De Rouge. 1,919,831; July 25.
- Stable ammonium salt of primula saponine. H. Legerlotz. 1,924,073; Aug. 22.
- Stable suspensions. O. Kramer. 1,901,656; Mar. 14.
- Stack arrester, Fused. C. E. Krause. 1,927,894; Sept. 26.
- Stack dump. A. R. Thompson and C. C. Butler. 1,926,318; Sept. 12.
- Stack dumper, Automatic. J. W. Stevenson. 1,907,458; May 9.
- Stack temperature actuated control device. M. E. Henning. 1,904,310; Apr. 18.
- Stacker for glassware annealing leers. O. Shackelford. 1,911,093; May 23.
- Stacker, Movable lumber. J. A. Denton. 1,918,800; July 18.
- Stacking apparatus. C. D. Knowlton. 1,896,177; Feb. 7.
- Stacking fixture. R. E. Dowdell. 1,916,755; July 4.
- Stacking machine. A. L. and W. M. Wehrbahn. 1,912,232; May 30.
- Stadia transit. E. W. Kraft. 1,900,567; Mar. 7.
- Stage. P. Clark. 1,922,525; Aug. 15.
- Stage, Extensible. F. A. Bird. 1,917,010; July 4.

- Stage for microscopes, Universal. R. C. Emmons. 1,916,609; July 4.
- Stage for theaters and the like. C. Vitolo. 1,896,652; Feb. 7.
- Stage grinding, Method of and apparatus for multiple. A. F. Miller. 1,902,413; Mar. 21.
- Stage lift flowing apparatus for wells, Automatic. A. Boynton. 1,926,030; Sept. 12.
- Stage lift flowing device, Automatic. A. Boynton. 1,926,031; Sept. 12.
- Stage mounting, Rotating. B. S. Glagolin. 1,893,167; Jan. 3.
- Stage pulp washer, Multiple. C. L. Wagner. 1,933,609; Nov. 7.
- Stage, Telescoping. F. A. Bird. 1,917,011; July 4.
- Staging clamp. M. Kirsch. 1,935,246; Nov. 14.
- Staging for linemen. H. W. Bodendieck. 1,915,715; June 27.
- Stain. D. A. Brodeur. 1,896,662; Feb. 7.
- Stain, Making mahogany. S. H. Con'è. 1,925,749; Sept. 5.
- Stain resisting wrought article. F. M. Becket. 1,920,953; Aug. 8.
- Staining rack. M. O. Jung. 1,910,293; May 23.
- Stair building tool. F. F. and E. A. Cravell. 1,921,356; Aug. 8.
- Stair structure. J. Frick. 1,894,463; Jan. 17.
- Stair tread device. H. P. Dillig. 1,940,744; Dec. 26.
- Stairway, Artificial cascade. D. E. Sargent. Des. 89,213; Feb. 7.
- Stairway construction. P. G. Anderson. 1,893,876; Jan. 10.
- Stairway, Disappearing. F. E. Bessler. 1,930,992; Oct. 17.
- Stairway, Disappearing. F. E. Bessler. 1,936,929-30; Nov. 28.
- Stairway landing, Moving. R. P. Valtier. 1,919,049; July 13.
- Stairway or the like, Collapsible. G. H. Barraclough. 1,898,520; Feb. 21.
- Stairs, Conveyer. F. D. Barling. 1,920,457; Aug. 1.
- Stake and reel, Garden. M. G. Coplen. 1,933,163; Oct. 31.
- Stake body lock. J. Selzer. 1,926,352; Sept. 12.
- Stake, Checkrow wire. G. Watchorn. 1,928,342; Sept. 26.
- Stake, Check-wire anchor. C. G. White. 1,927,193; Sept. 19.
- Stake, Header board. C. B. Polhemus. 1,921,302; Aug. 8.
- Stake, Plant. W. B. Esselen. 1,916,305; July 4.
- Stalk cutter. L. A. Hacker. 1,916,613; July 4.
- Stalk cutting machine. A. C. Bradshaw. 1,933,411; Oct. 31.
- Stalk-cutting machine. W. J. Lewis. 1,901,310; Mar. 14.
- Stalk cutting mechanism for corn harvesters. W. L. Paul and O. F. Carlson. 1,912,998; June 6.
- Stalk shredding implement. L. B. Neighbour. 1,894,412; Jan. 17.
- Stall, Animal. A. H. Neller. 1,928,819; Oct. 3.
- Stall for automobiles, Revolvable. J. R. Long. 1,934,933; Nov. 14.
- Stall front. H. L. Ferris. 1,916,972; July 4.
- Stall, Milking parlor. H. J. Ferris. Des. 90,482; Aug. 15.
- Stall, Milking parlor. H. J. Ferris. 1,934,177; Nov. 7.
- Stamp and drawing press. K. Stern and J. Kubin. 1,894,718; Jan. 17.
- Stamp and making the same, Rubber. A. W. Schmidt. 1,920,110; July 25.
- Stamp canceling machine. N. C. Heaton. 1,914,502; June 20.
- Stamp construction, Rubber. F. L. Buck. 1,920,058; July 25.
- Stamp, Egg. B. N. Wilson. 1,928,715; Oct. 3.
- Stamp for X-ray mounts. A. H. Brown. 1,932,922; Oct. 31.
- Stamp, Merchant's trading. D. J. Bolton. Des. 90,524; Aug. 22.
- Stamp printing machine, Hot. E. T. Knitter. 1,916,575; July 4.
- Stamp, Rubber. A. W. Schmidt. 1,897,915; Feb. 14.
- Stamp, Rubber or hand. H. Mitchell. 1,938,344; Dec. 5.
- Stamp, Time. C. E. Larrabee. 1,939,066; Dec. 12.
- Stamp vending machine. E. A. Bolen. 1,933,840; Nov. 7.
- Stamping machine, Pneumatic. F. W. Doyle and J. C. Rogers. 1,925,236; Sept. 5.
- Stamping machine, Roller type. J. S. Phelps. 1,896,556; Feb. 7.
- Stamping press. E. Baumgarten, C. W. Gosnell, and N. J. Deisch. 1,900,008; Mar. 7.
- Stamping press. W. Hehn. 1,910,918; May 23.
- Stamps and the like, Molding rubber. R. Evans. 1,897,893; Feb. 14.
- Stanchion. H. L. Ferris. 1,935,265; Nov. 14.
- Stanchion. L. L. Lewis. 1,905,596; Apr. 25.
- Stanchion, Animal. J. Waksmoncki. 1,900,676; Mar. 7.
- Stanchion locking mechanism. J. B. Olson. 1,929,790; Oct. 10.
- Stanchion operating bars, Device for reciprocating. C. F. Hanson. 1,936,450; Nov. 21.
- Stanchion switch. A. F. Paul. 1,900,198; Mar. 7.
- Stand: See—
- Adjustable stand. Calendar stand.
- Anesthetic dropping stand. Camera stand.
- Birdcage stand. Case and display stand.
- Boiler stand. Christmas tree stand.
- Calendar and memorandum stand. Collapsible stand.
- Cylinder grinding stand.
- Desk stand. Portable display stand.
- Display stand. Portable picture screen stand.
- Diving board stand. Portable stand.
- Flatiron stand. Sewing stand.
- Flower stand. Shoe shining stand.
- Foldable stand. Slitting roll stand.
- Folding display stand. Smoker's stand.
- Folding stand. Smoking stand.
- Golf bag stand. Switch stand.
- Iron stand. Telephone index stand.
- Knockdown convertible stand. Telephone stand.
- Lamp stand. Tire changing stand.
- Magazine or book stand. Tire display stand.
- Musical instrument stand. Tire vulcanizing stand.
- Newspaper stand. Vise display stand.
- Packing stand. Vise-stand.
- Picture stand.
- Stand. J. Nicolich. 1,937,066; Nov. 28.
- Stand. E. B. Rogers. 1,918,933; July 18.
- Stand adjustment for electrical utility devices. P. J. Fitzgerald. 1,898,946; Feb. 21.
- Stand and cleaner, Pipe. O. E. Billgren. 1,894,080; Jan. 10.
- Stand and desk, Combined typewriter. G. H. Hamilton. 1,929,551; Oct. 10.
- Stand and desk, Combined typewriter. M. T. Vandervoort. 1,893,720; Jan. 10.
- Stand and filter for barrels and the like, Portable. L. W. Schwenk. 1,901,878; Mar. 21.
- Stand and shipping case, Display. G. E. Everitt. 1,900,983; Mar. 14.
- Stand and telephone bookholder, Combination telephone. R. von Ezdorf. Des. 89,063; Jan. 17.
- Stand attachment, Display. R. N. Richards. 1,926,793; Sept. 12.
- Stand for a coffee maker, Combined base and bowl. A. Fukal. Des. 90,025; May 30.
- Stand for a hair curling apparatus or similar article. G. Decker. Des. 90,974; Nov. 7.
- Stand for an electric iron. O. C. Ritz-Woller. Des. 89,922; May 16.
- Stand for bottled water or the like. M. Alex. Des. 89,526; Mar. 21.
- Stand for business machines, Supporting. D. P. Rowland. 1,931,118; Oct. 17.
- Stand for displaying confectionery and the like. R. S. Shears. 1,937,443; Nov. 28.
- Stand for drink mixing devices. J. Murasco. Des. 89,970; May 23.
- Stand for duplicating machines and the like. J. J. Flanagan. 1,928,351; Sept. 26.
- Stand for electric irons. G. B. Ratterman. 1,911,088; May 23.
- Stand for plates and the like. A. Gerhold. 1,904,725; Apr. 18.
- Stand for porch gliders, Supporting. S. M. Fischer. 1,905,557; Apr. 25.
- Stand for records and visible record binders, Reading. P. O. Unger. 1,915,138; June 20.
- Stand for washing machines, Folding. E. E. Bollinger. 1,911,673; May 30.
- Stand or similar article, Lamp. H. E. De Vries. Des. 90,975; Nov. 7.
- Stand or similar article, Smoker's. H. E. De Vries. Des. 91,020; Nov. 14.
- Stand or similar article, Telephone. O. Reagan. Des. 90,955; Oct. 31.
- Stand or the like, Display. W. K. Battersby. Des. 90,831; Oct. 10.
- Stand, Package display. L. N. Levinsohn. Des. 90,492; Aug. 15.
- Stand pedestal. W. E. Karl. Des. 90,348; Oct. 10.
- Standpipe system. W. F. Conran. 1,928,006; Sept. 26.
- Standard, Adjustable. P. C. Calissi. 1,939,251; Dec. 12.
- Standard for shoemakers' lasts. W. E. Strobel. 1,907,607; May 9.
- Standard, Lamp. J. H. Boye. 1,927,485; Sept. 19.
- Standard, Sign. A. J. Coon. Des. 90,399; Aug. 1.
- Stannic chloride, Manufacture of. W. J. Buttfeld. 1,897,360; Feb. 14.
- Staple. C. B. Goodstein. 1,910,688; May 23.
- Staple and tool to facilitate its application. J. H. Holmes. 1,914,256; June 13.
- Staple blank or strip and making same. H. D. Randall. 1,939,631; Dec. 12.
- Staple driving tool. J. H. Holmes. 1,914,257; June 13.
- Staple forming mechanism. R. H. Lawson. 1,937,825; Dec. 5.
- Staple setting machine. H. E. Hicks. 1,908,981; May 16.
- Staple setting machine. H. E. Hicks. 1,919,944; July 25.
- Staples, Method and machine for making saddle. G. E. Ryan. 1,933,152; Oct. 31.
- Stapling machine. H. J. Baur. 1,927,274; Sept. 19.
- Stapling machine. G. E. Breece. 1,909,451; May 16.
- Stapling machine. J. B. Crofoot. 1,939,666; Dec. 19.
- Stapling machine. H. E. Hicks. 1,938,386; Dec. 5.
- Stapling machine. L. M. Hile. 1,913,117; June 6.
- Stapling machine. S. H. Hunt. 1,917,122; July 4.
- Stapling machine. E. Krantz. 1,919,373; July 25.
- Stapling machine. A. H. Maynard. 1,907,849; May 9.
- Stapling machine. A. H. Maynard. 1,936,063; Nov. 21.
- Stapling machine. M. Vogel. 1,905,254; Apr. 25.
- Stapling machine. M. Vogel. 1,935,280; Nov. 14.

- Stapling machine, Portable pneumatic. H. D. Randall. 1,939,632; Dec. 12.
- Stapling machine casing. J. F. Cavanagh. Des. 91,185; Dec. 19.
- Stapling machine frame. A. H. Maynard. Des. 91,242; Dec. 26.
- Stapling machines, Wire feeding device for. G. E. Breece. 1,896,661; Feb. 7.
- Starch, Apparatus for drying. C. Hagen and W. J. Rowe. 1,927,313; Sept. 19.
- Starch coating composition. W. B. Schulte. 1,911,400; May 30.
- Starch conditioning mechanism and time lag control therefor. H. W. Harrigan. 1,896,359; Feb. 7.
- Starch, Continuous conversion of. C. Hagen. 1,927,312; Sept. 19.
- Starch, Continuous conversion of. C. Hagen. 1,928,891; Oct. 3.
- Starch conversion product and making same. J. Wachman and G. B. Sippel. 1,916,872; July 4.
- Starch in cereals, Dextrinization of. H. F. Bauer. 1,938,574; Dec. 12.
- Starch, Making. A. P. Bryant. 1,937,543; Dec. 5.
- Starch, Manufacture of. R. F. Sherman. Re18,775; Mar. 28.
- Starch product, Gelatinized. F. O. Giesecke. 1,939,973; Dec. 19.
- Starch, Production of. W. Maier. 1,901,109; Mar. 14.
- Starch products, Apparatus for making gelatinized. F. O. Giesecke. 1,899,952; Mar. 7.
- Starch to dextrine and the like, Method and apparatus for the conversion of. N. C. Phillips. 1,894,570; Jan. 17.
- Starter. J. E. O. Louette. 1,931,200; Oct. 17.
- Starter and choke control, Combined. B. J. Wekenborg. 1,919,313; July 25.
- Starter composition, Pyrotechnic. G. U. Graff. 1,903,814; Apr. 18.
- Starter control, Engine. C. D. Turner. 1,917,817; July 11.
- Starter controlling mechanism, Engine. F. T. Christian. 1,936,619; Nov. 28.
- Starter, Electric magnetic inertia. T. D. Bowes. 1,926,029; Sept. 12.
- Starter, Engine. R. Bertsche, jr. 1,912,061; May 30.
- Starter, Engine. C. P. Brockway. 1,923,908; Aug. 22.
- Starter, Engine. L. K. Brunner. 1,897,923; Feb. 14.
- Starter, Engine. R. Chilton. 1,921,344; Aug. 8.
- Starter, Engine. F. T. Christian. 1,898,423; Feb. 21.
- Starter, Engine. J. W. Fitz Gerald. 1,905,836; Apr. 25.
- Starter, Engine. M. B. Jackson and K. M. Cliphsham. 1,920,793-4; Aug. 1.
- Starter, Engine. R. P. Lansing. Re19,020; Dec. 12.
- Starter, Engine. R. P. Lansing. 1,899,812; Feb. 28.
- Starter, Engine. C. Marcus. 1,923,037; Aug. 15.
- Starter, Engine. W. L. McGrath. 1,923,990-1; Aug. 22.
- Starter, Engine. R. M. Nardone. 1,927,714; Sept. 19.
- Starter, Engine. E. C. Phillips. 1,928,674; Oct. 3.
- Starter, Engine. Y. Sekella. 1,897,916; Feb. 14.
- Starter, Engine. R. E. Slayton. 1,898,401; Feb. 21.
- Starter, Engine. N. E. Wernberg. 1,897,457; Feb. 14.
- Starter, Engine. M. P. Whitney. 1,897,919; Feb. 14.
- Starter for engines. J. A. Charter. 1,920,187; Aug. 1.
- Starter for engines. R. C. and A. W. Whittington. 1,924,633; Aug. 29.
- Starter for gas engines, Safety hand. S. Riddel. 1,910,999; May 23.
- Starter for internal combustion engines. W. J. Bauman. 1,897,786; Feb. 14.
- Starter for internal combustion engines. L. Gérard. 1,939,493; Dec. 12.
- Starter for internal combustion engines. R. E. Lyford. 1,936,766; Nov. 28.
- Starter for internal combustion engines. J. C. McDonough. 1,906,986; May 2.
- Starter for internal combustion engines, Automatic electric. F. Guettner, jr. 1,903,761; Apr. 18.
- Starter for internal combustion motors. R. T. Ronaldson. 1,922,865; Aug. 15.
- Starter gear. L. S. Sheldrick. 1,937,989; Dec. 5.
- Starter, Hand. R. P. Lansing. 1,925,193; Sept. 5.
- Starter mechanism for feeding blanks or the like. M. J. Milmo. 1,901,832; Mar. 14.
- Starter, Motor. B. W. Jones. 1,905,720; Apr. 25.
- Starter, Motor. C. N. McDavitt. 1,904,497; Apr. 18.
- Starter, Phonic wheel. M. H. Woodward and A. F. Conery. 1,937,739; Dec. 5.
- Starter, Spring. R. P. Lansing. 1,936,554; Nov. 21.
- Starter switch, Automatic. A. M. Peters. 1,893,242; Jan. 3.
- Starter, Voltage compensated motor. C. Steenstrup. 1,902,470; Mar. 21.
- Starting apparatus. T. F. Barton. 1,935,429; Nov. 14.
- Starting apparatus for electric discharge devices. L. J. Buttolph. 1,930,083-4; Oct. 10.
- Starting apparatus for internal-combustion engines. M. S. Parkhill. 1,935,372; Nov. 14.
- Starting apparatus for rotary engines. S. Hertz and M. P. Berger. 1,921,880; Aug. 8.
- Starting device. T. L. Sampsell. 1,913,900; June 13.
- Starting device for internal combustion engines. G. Becker. 1,904,117; Apr. 18.
- Starting device for internal combustion engines. J. J. Devine. Re18,897; July 18.
- Starting device for internal combustion engines. J. J. Devine. 1,909,855; May 16.
- Starting device for internal combustion engines. G. A. Taylor. 1,901,996; Mar. 21.
- Starting device for internal combustion engines. C. R. Waseige. 1,911,414; May 30.
- Starting device for internal combustion engines, Hand. R. J. Fry. 1,911,113; May 23.
- Starting device for outboard motors. A. Lesage. 1,894,378; Jan. 17.
- Starting device for prime movers. F. L. Morse. 1,915,377; June 27.
- Starting means for a split phase motor. L. P. Hutt. 1,920,749; Aug. 1.
- Starting means for electric clocks. S. Mazur. 1,936,684; Nov. 28.
- Starting means for motor vehicles, Auxiliary. E. S. MacPherson. 1,914,517; June 20.
- Starting mechanism. R. P. Lausing and R. M. Nardone. 1,931,459; Oct. 17.
- Starting mechanism. R. M. Nardone. 1,939,405-6; Dec. 12.
- Starting mechanism. Y. Sekella. 1,934,095; Nov. 7.
- Starting mechanism, Automatic. F. T. Christian. 1,904,202; Apr. 18.
- Starting mechanism, Automatic. L. K. Loehr and W. E. Burdick. 1,912,904; June 6.
- Starting mechanism, Automatic. P. Maurer. 1,909,415; May 16.
- Starting mechanism, Automatic. P. H. Maurer. 1,932,979; Oct. 31.
- Starting mechanism, Automatic. P. Maurer. 1,936,638; Nov. 28.
- Starting mechanism, Automatic. M. P. Whitney. 1,923,992; Aug. 22.
- Starting mechanism, Engine. R. P. Lansing. 1,900,063; Mar. 7.
- Starting mechanism for electrical apparatus. W. S. Pfeiffer. 1,906,409; May 2.
- Starting mechanism for internal combustion engines. Y. Sekella. 1,901,267; Mar. 14.
- Starting mechanism for internal combustion engines. M. P. Whitney. 1,904,187; Apr. 18.
- Starting mechanism for internal combustion engines, Automatic. F. T. Christian. 1,901,285; Mar. 14.
- Starting mechanism for internal combustion engines, Automatic. C. I. McNeil. 1,920,996; Aug. 8.
- Starting mechanism for internal combustion engines, Automatic. D. L. Wertz. 1,904,184; Apr. 18.
- Starting motor switch. L. B. Ehrlich. 1,917,104; July 4.
- Starting relay switch, Motor. J. P. Mader. 1,913,993; June 13.
- Starting system and control for hydro-carbon engines, Automatic. G. A. Gillen. 1,917,580; July 11.
- Starting system for internal combustion engines, Automatic. F. T. Christian. 1,920,782; Aug. 1.
- Starting system for internal combustion engines, Automatic. A. S. Knapp. 1,902,646; Mar. 21.
- Static eliminator. J. Gomery. 1,898,770; Feb. 21.
- Static eliminator. P. Klier. 1,902,407; Mar. 21.
- Static eliminator and printed sheet floating device. F. A. Eyler. 1,940,536; Dec. 19.
- Static grounder for tank trucks. R. Putnam. 1,937,842; Dec. 5.
- Static neutralizer for radioreceivers. G. W. Pickard. 1,907,572; May 9.
- Static suppressor. C. S. Wolfe. 1,913,909; June 13.
- Station. Electrical bus and switch. A. M. Rossman. 1,906,421; May 2.
- Station indicator for radioreceivers. M. Aron and H. Kante. 1,907,232; May 2.
- Station selector, Automatic. S. J. Riddell. 1,910,057; May 23.
- Station-selector mechanism. B. B. Bird. 1,925,651; Sept. 5.
- Stationary rack. C. A. Cutler. 1,939,108; Dec. 12.
- Statistical machine. P. W. Handel. 1,915,993; June 27.
- Stator with built-in condenser. V. G. Apple. 1,894,724; Jan. 17.
- Statuette or similar article. J. Foster. Des. 89,752; May 2.
- Statuette or similar article. W. Steinmann. Des. 90,347; July 18.
- Staybolt structure. J. Kindervater. 1,909,108; May 16.
- Stay bolt, Tell-tale flexible. F. H. Einwaechter, jr., and A. E. Anger. 1,899,457; Feb. 28.
- Staybolt, Tell-tale flexible. F. H. Einwaechter, jr., and A. E. Anger. 1,910,215; May 23.
- Stay for lock keepers, Automatic. J. E. Phillips. 1,918,129; July 11.
- Stay strip. A. E. Davy. 1,936,082; Nov. 21.
- Steak. Preservation of hamburger. L. L. Schick. 1,909,508; May 16.
- Steam and power plant, Combined. W. H. Armacost. 1,938,366; Dec. 5.
- Steam, Apparatus for desuperheating. C. W. Gordon. 1,935,195; Nov. 14.
- Steam blower, Automatic. J. T. Crute. 1,933,658; Nov. 7.
- Steam boiler. O. E. Barthel and J. J. Power. 1,939,944; Dec. 19.
- Steam boiler. J. E. Black. 1,920,740; Aug. 1.
- Steam boiler. H. W. Butler. 1,916,254; July 4.
- Steam boiler. H. S. Cheetham and G. Helps. 1,907,736; May 9.
- Steam boiler. C. H. Davy. 1,922,662; Aug. 15.
- Steam boiler. I. Harter. 1,905,465; Apr. 25.
- Steam boiler. H. C. Heaton. 1,912,197; May 30.

- Steam boiler. H. Jezler. 1,918,396; July 18.
 Steam boiler. M. I. Kearns. 1,940,132; Dec. 19.
 Steam boiler. H. J. Kerr. 1,904,473; Apr. 18.
 Steam boiler. M. H. Kuhner. 1,935,272; Nov. 14.
 Steam boiler. G. J. Muller. 1,894,782; Jan. 17.
 Steam boiler. H. A. Ulrich. 1,917,617; July 11.
 Steam boiler, Superheater. W. A. Jones. 1,927,892; Sept. 26.
 Steam boiler, Tubular. M. Eule. 1,895,790; Jan. 31.
 Steam boiler, Water tube. H. C. Dinger. 1,898,428; Feb. 21.
 Steam boilers, Firing of. H. Jezler. 1,918,397; July 18.
 Steam by means of superheated heating steam, Indirect generation of. H. Trede and O. H. Hartmann. 1,917,166; July 4.
 Steam condensing well. L. E. Sanders. 1,903,246; Mar. 28.
 Steam conditioner, Centrifugal. C. G. Hawley. 1,896,897; Feb. 7.
 Steam, Device for controlling the wetness of. R. A. Conley and C. Jordan. 1,923,422; Aug. 22.
 Steam distributor. J. R. Marcoux. 1,932,349; Oct. 24.
 Steam engine. J. V. Giesler. 1,905,585; Apr. 25.
 Steam engine. R. F. Knight. 1,924,689; Aug. 29.
 Steam engine. H. J. Titus and J. S. Wallis. 1,907,902; May 9.
 Steam engine. H. S. Vincent. 1,901,571; Mar. 14.
 Steam engine, Rotary. M. L. Darr. 1,921,662; Aug. 8.
 Steam engine, Rotary. G. Zint. 1,900,784; Mar. 7.
 Steam generating apparatus. K. Baumann. 1,931,426; Oct. 17.
 Steam generating apparatus. C. W. Bros. 1,909,091; May 16.
 Steam generating apparatus and method. C. B. Grady. 1,911,501; May 30.
 Steam-generating boiler. R. A. Sharp. 1,940,973; Dec. 26.
 Steam-generating system. J. G. Coutant. 1,940,063; Dec. 26.
 Steam generating system. H. R. Crowther and S. W. Hawkins. 1,894,217; Jan. 10.
 Steam generation. P. R. Dellling. 1,893,133; Jan. 3.
 Steam generation, Apparatus for controlling. T. A. Peebles. Re18,825; May 9.
 Steam generator. W. Abendroth. 1,925,222; Sept. 5.
 Steam generator. W. Abendroth. 1,932,918; Oct. 31.
 Steam generator. C. T. Carlson. 1,906,838; May 2.
 Steam generator. G. L. Colbie. 1,927,023; Sept. 19.
 Steam generator. J. G. Coutant. 1,918,453; July 18.
 Steam generator. W. M. Cross. 1,898,078-9; Feb. 21.
 Steam generator. A. Huet. 1,912,204; May 30.
 Steam generator. G. P. Jackson. 1,915,463; June 27.
 Steam generator. H. J. Kerr. 1,925,256; Sept. 5.
 Steam generator. W. G. Noack. 1,927,649; Sept. 19.
 Steam generator. R. E. Peterson. 1,926,958; Sept. 12.
 Steam generator. L. Le Seuer. 1,929,555; Oct. 10.
 Steam generator. H. Strothoff. 1,914,538; June 20.
 Steam generator. A. L. Wilson. 1,915,460; June 27.
 Steam generator and preventing turbine accumulations. J. K. Runnel. 1,935,670; Nov. 21.
 Steam generator for superheater and operation thereof. C. B. Forward. 1,904,216; Apr. 18.
 Steam generator for automotive vehicles. W. D. La Mont. 1,920,907; Aug. 1.
 Steam generator, High pressure water tube. A. Lieberherr. 1,910,843; May 23.
 Steam generator, Portable. J. W. Anderson. 1,922,343; Aug. 15.
 Steam generator, Water tube. G. L. Colbie. 1,928,446; Sept. 26.
 Steam generator, Water tube. H. C. Egloff. 1,894,762; Jan. 17.
 Steam generator, Water tube. H. C. Egloff. 1,928,010; Sept. 26.
 Steam generators, Apparatus for regulating electric. M. Eaton. 1,902,842; Mar. 28.
 Steam-heater regulator. L. C. Hyatt. 1,932,666; Oct. 31.
 Steam heating system. H. B. McGinnis. 1,902,288; Mar. 21.
 Steam heating system. J. B. Stickle. 1,940,467; Dec. 19.
 Steam heating system, Vacuum. D. E. Nash. 1,895,813; Jan. 31.
 Steam injector control system. Exhaust. J. F. Griffin and A. Williams. 1,912,192; May 30.
 Steam joint. L. D. Goff. 1,929,635; Oct. 10.
 Steam joint. G. E. Johnson. 1,934,717; Nov. 14.
 Steam lubricator. F. L. Badgett. 1,918,235; July 18.
 Steam motor, Flying worm. L. L. Foss. 1,902,439; Mar. 21.
 Steam plant. H. Gleichmann. 1,904,443; Apr. 18.
 Steam plant. R. C. Roe. 1,932,485; Oct. 31.
 Steam platen and making same. H. G. Archer and C. G. Bird. 1,928,443; Sept. 26.
 Steam power plant. W. Doble. 1,927,204; Sept. 19.
 Steam power plant. J. Ruths. 1,900,766; Mar. 7.
 Steam purifier. W. L. and H. L. McLaughlin. 1,931,135; Oct. 17.
 Steam raiser. W. Doble. 1,911,067; May 23.
 Steam recuperator. J. M. Robb. 1,893,715; Jan. 10.
 Steam separator. G. M. Crossen. 1,915,408; June 27.
 Steam separator. C. G. Hawley. 1,896,896; Feb. 7.
 Steam spreader, Exhaust. J. G. Norquay. 1,892,996; Jan. 3.
 Steam temperature regulator. J. A. Broman. 1,907,145; May 2.
 Steam trap. C. F. Covey. 1,902,219; Mar. 21.
 Steam trap. A. A. Cryer. 1,897,753; Feb. 14.
 Steam trap. J. M. Malone. 1,904,994; Apr. 25.
 Steam trap. L. P. Strong. 1,896,528; Feb. 7.
 Steam trap. L. P. Strong. 1,901,200; Mar. 14.
 Steam trap. L. P. Strong. 1,901,833; Mar. 14.
 Steam trap. L. P. Strong. 1,918,435; July 18.
 Steam trap. G. Szucs. 1,896,733; Feb. 7.
 Steam trap. A. C. Travis, jr. 1,904,393; Apr. 18.
 Steam treatment. C. E. Lucke. 1,896,181; Feb. 7.
 Steamer, Portable fabric. W. S. Marvin and C. L. Sibenhorn. 1,937,770; Dec. 5.
 Steamer, Pumpkin. J. Schmidt. 1,922,783; Aug. 15.
 Steaming apparatus. J. C. Crowley and A. E. Bronson. 1,930,038; Oct. 10.
 Steaming unit for tentering machines. M. M. Kasanof. 1,914,024; June 13.
 Stearine, Producing. W. Schrauth. 1,904,546; Apr. 18.
 Steel, Air toughened alloy. J. H. Hall and J. S. Comerford. 1,907,385; May 2.
 Steel alloy. J. P. Gill. 1,938,221; Dec. 5.
 Steel alloy and articles made therefrom. J. V. Emmons. 1,937,334; Nov. 28.
 Steel alloy and making same. J. L. Cox. 1,939,390; Dec. 12.
 Steel, Alloy tool. S. N. Levy. 1,927,986; Sept. 26.
 Steel and article made therefrom, Silico-molybdenum. W. R. Shimer and F. C. T. Daniels. 1,893,004; Jan. 3.
 Steel and articles made therefrom. A. B. Kinzel. 1,929,554; Oct. 10.
 Steel and iron, Treating. W. H. Payne. 1,932,560; Oct. 31.
 Steel and its manufacture, Alloy. J. R. C. Marsh. 1,920,910; Aug. 1.
 Steel and making the same, Silicon. E. M. Freeland. 1,932,307; Oct. 24.
 Steel article, Nitrided. E. Houdremont. 1,934,672; Nov. 7.
 Steel cable reel, Collapsible. L. W. Nack. 1,905,488; Apr. 25.
 Steel, Corrosion resisting. W. H. Keen. 1,920,934; Aug. 1.
 Steel, Creep resistant noncorrosive. V. T. Malcolm. 1,915,065; June 20.
 Steel, Device for cleaning flat rolled hot and cold rolled. A. Wahlquist. 1,925,782; Sept. 5.
 Steel, Electrical. E. M. Freeland. 1,932,308-9; Oct. 24.
 Steel for guitars and the like. H. C. Carter. 1,909,456; May 16.
 Steel for hardening, Heating. M. Winter. 1,898,415; Feb. 21.
 Steel framing, Unit. J. Marshall. 1,909,877; May 16.
 Steel having a lesser tendency to blue fracture and brittleness due to aging, Producing a. H. Meyer. 1,941,101; Dec. 26.
 Steel, High speed tool. L. Klüger. 1,910,801; May 23.
 Steel hose coupling, Ball joint. A. D. Murphy. 1,925,335; Sept. 5.
 Steel hose joint. E. Timbs. 1,920,610; Aug. 1.
 Steel ingots, Apparatus for pouring. E. Seidel. 1,923,119; Aug. 22.
 Steel, Making. J. M. Gaines, jr. 1,907,782; May 9.
 Steel, Making stainless. A. F. Plock. 1,924,804; Aug. 29.
 Steel, Manufacture of. C. Arnold. 1,923,471; Aug. 22.
 Steel, Manufacture of. K. H. Moll and H. Etherington. 1,934,033; Nov. 7.
 Steel, Opening packs of sheet. J. R. Paisley. 1,914,614; June 20.
 Steel pallet for sintering machines. A. R. Watzke. 1,932,496; Oct. 31.
 Steel, Pickling stainless. M. Taylor. 1,939,241; Dec. 12.
 Steel, Producing and refining Tungsten. A. G. de Golyer. 1,913,833; June 13.
 Steel, Production of. H. A. Brassert. 1,939,874; Dec. 19.
 Steel products, Making semi-finished or finished. H. M. Naugle and A. J. Townsend. 1,903,168; May 9.
 Steel retainer. J. E. Renfer. 1,931,509; Oct. 24.
 Steel retainer attachment for rock drills. J. C. Curtis. 1,905,981; Apr. 25.
 Steel retainer, Drill. D. K. Dovell. 1,900,860; Mar. 7.
 Steel rule die. L. E. Shaw. 1,894,641; Jan. 17.
 Steel sheets, Manufacture of. A. R. Goodhue. 1,902,815; Mar. 28.
 Steel sheets, Method and apparatus for treating. W. W. Leach. 1,914,642; June 20.
 Steel, Stainless. F. J. Crollius and R. W. Stuler. 1,924,153; Aug. 29.
 Steel, Structural. A. Klinkenberg. 1,917,527; July 11.
 Steel structure. F. Lizaso and J. Rigo. 1,915,023; June 20.
 Steel, Testing. L. E. Howard. 1,937,820; Dec. 5.
 Steel, Thermally hardening. E. C. Bain and E. S. Davenport. 1,924,099; Aug. 29.
 Steel, Treating austenitic. E. J. Janitzky. 1,929,356; Oct. 3.
 Steel, Treatment of silicon. W. F. Detwiler. 1,912,129; May 30.
 Steel wheel. D. W. Voorhees, jr. 1,905,661; Apr. 25.
 Steel wool holder. S. Schulhoff. 1,905,307; Apr. 25.
 Steel wool holder. P. W. Stephens. 1,895,496; Jan. 31.
 Steel wool holder. D. Trompeter. 1,898,698; Feb. 21.
 Steel wool machine. R. F. Boehler, jr. 1,912,964; June 6.
 Steel wool machine. W. H. Robbins. 1,912,951; June 6.

- Steel wool machine. W. H. Robbins and R. F. Boehler, jr. 1,894,447-8; Jan. 17.
- Steels and alloys, Bright annealing. R. J. Owens and H. J. Fraser. 1,901,039; Mar. 14.
- Steels and making same, Electrical. E. M. Freeland. 1,932,306; Oct. 24.
- Steels, Hardening alloy. H. Sutton, A. J. Sidery, and B. Evans. 1,902,676; Mar. 21.
- Steels, Improving the mechanical workability of high chrome. H. A. De Fries. 1,941,203; Dec. 26.
- Steels, Making nickel. F. M. Beckett. 1,907,173; May 2.
- Steels, Treatment of electrical sheet. O. M. Otte. 1,898,061; Feb. 21.
- Steels, Working austenitic. R. H. Aborn. 1,918,731; July 18.
- Steering and directing mechanism. M. Leupold. 1,914,267; June 13.
- Steering and other damping device for automobiles. F. Smith. 1,923,235; Aug. 22.
- Steering apparatus. O. R. Heller. 1,928,977; Oct. 3.
- Steering apparatus for aircraft. W. Möller. 1,900,516; Mar. 7.
- Steering apparatus for wheeled frames. E. M. Cole. 1,915,816; June 27.
- Steering arrangement for motor cars. D. G. Mackenzie. 1,920,651; Aug. 1.
- Steering arrangement for motor or like vehicles. D. G. Mackenzie. 1,908,991; May 16.
- Steering column bearing. N. Skillman. 1,923,892; Aug. 22.
- Steering construction for tractor units. C. Rorabeck. 1,918,564; July 18.
- Steering control apparatus. J. D. Moffet. 1,907,211; May 2.
- Steering device. B. S. Aikman. 1,900,218; Mar. 7.
- Steering device. J. E. Erickson. 1,896,396; Feb. 7.
- Steering device, Automatic. J. M. Boykow. 1,931,282; Oct. 17.
- Steering device, Automatic. N. Minorsky. 1,912,489; June 6.
- Steering device for motor vehicles. V. M. Lutz. 1,910,926; May 23.
- Steering device for planters. F. Waterman. 1,898,920; Feb. 21.
- Steering device, Pneumatic. E. R. Fitch. 1,910,600; May 23.
- Steering for dirigible craft, Automatic. E. A. Sperry, jr., and F. S. Hodgman. 1,911,168; May 23.
- Steering gear. O. H. Banker. 1,909,330; May 16.
- Steering gear. C. O. Dalton. 1,938,740; Dec. 12.
- Steering gear. J. G. Douglas. 1,893,764; Jan. 10.
- Steering gear. E. P. Hammond. 1,899,270; Feb. 28.
- Steering gear. D. N. Perkins. 1,894,055; Jan. 10.
- Steering gear. A. D. Robbins. 1,906,720; May 2.
- Steering gear for motor vehicles. A. Bülow. 1,895,751; Jan. 31.
- Steering gear, Hydraulic. A. R. Kuzelewski. 1,917,528; July 11.
- Steering gear, Hydraulic. E. B. Wisner. 1,927,580; Sept. 19.
- Steering gear, Land vehicle. L. Campbell, jr. 1,925,712; Sept. 5.
- Steering gear mechanism. D. Head. 1,921,122; Aug. 8.
- Steering hitch and automatic brake, Combined. E. Overmon. 1,894,194; Jan. 10.
- Steering indicator or controller, Gyroscopic. J. B. Henderson. 1,894,038; Jan. 10.
- Steering knuckle. E. L. Goltry. 1,932,340; Oct. 24.
- Steering knuckle. P. E. Matthews. 1,932,528; Oct. 31.
- Steering lever control. J. G. Heaslet. 1,893,775; Jan. 10.
- Steering machine, Motor operated. F. Lang. 1,939,454; Dec. 12.
- Steering mechanism. J. F. J. Bethenod and N. L. Causan. 1,908,008; May 9.
- Steering mechanism. W. A. Eaton and S. Vorech. 1,938,745; Dec. 12.
- Steering mechanism. P. E. Matthews. 1,908,776; May 16.
- Steering mechanism. E. McCormick. 1,929,646; Oct. 10.
- Steering mechanism. A. Rasmussen. 1,920,890; Aug. 1.
- Steering mechanism. R. H. Thompson. 1,921,141; Aug. 8.
- Steering mechanism. Antifriction. R. L. Anderson. 1,909,563; May 16.
- Steering mechanism, Automatic. B. B. Holmes. 1,939,775; Dec. 19.
- Steering mechanism, Electric automotive. P. Erwin. 1,926,478; Sept. 12.
- Steering mechanism for automobiles. R. H. Chilton. 1,915,520; July 18.
- Steering mechanism for automotive vehicles. J. H. Zesewitz. 1,929,342; Oct. 3.
- Steering mechanism for boats. E. E. Peck. 1,903,265; Mar. 28.
- Steering mechanism for multiwheel road vehicles. A. J. Marcum. 1,933,674; Nov. 7.
- Steering mechanism for toy vehicles. O. J. Anderson. 1,939,379; Dec. 12.
- Steering mechanism for tractors. G. T. Ronk. 1,897,180; Feb. 14.
- Steering mechanism for tractors having endless tread members. R. F. Scott. 1,905,952; Apr. 25.
- Steering mechanism for trucks and trailers. C. S. Abbott. 1,911,335; May 30.
- Steering mechanism for vehicles. M. D. York and P. J. Newton. 1,908,095; May 9.
- Steering mechanism, Hydraulic. H. L. Lewis. 1,899,814; Feb. 28.
- Steering mechanism, Motor controlled. J. O'Hare. 1,920,583; Aug. 1.
- Steering wheel. H. A. Husted. 1,901,599; Mar. 14.
- Steering wheel. C. W. Leck. Des. 90,811; Oct. 3.
- Steering wheel. R. K. Lee. 1,934,931; Nov. 14.
- Steering wheel. D. W. Thomas. 1,915,769; June 27.
- Steering wheel. W. E. Webb. Des. 90,604; Aug. 29.
- Steering wheel assembly. H. J. Murray. 1,922,493; Aug. 15.
- Steering wheel attachment. T. J. Kauffman. 1,901,171; Mar. 14.
- Steering wheel, Individual. A. Dubonnet. 1,916,098; June 27.
- Steering wheel lock, Automobile. J. Holtzman. 1,933,113; Oct. 31.
- Steersman, Automatic. H. A. Harman. 1,927,935; Sept. 26.
- Stein. W. Watling. Des. 90,046; May 30.
- Stem and making same. J. A. Spencer. 1,896,599; Feb. 7.
- Stem, Flexible. F. L. Lake. 1,899,871; Feb. 28.
- Stem for lighting fixtures, Flexible. O. D. Guth. 1,934,624; Nov. 7.
- Stem for pneumatic tires or the like. A. P. Williamson. 1,924,173; Aug. 29.
- Stem making machine. K. Mey. 1,898,784; Feb. 21.
- Stencil. C. F. Brauer. 1,902,539; Mar. 21.
- Stencil. F. T. Powers. 1,912,464; June 6.
- Stencil and making same, Colored. H. P. Elliott. 1,937,751; Dec. 5.
- Stencil blank with removable backing sheet. H. P. Elliott. 1,909,913; May 16.
- Stencil card and holder therefor, Flexible. H. P. Elliott. 1,937,750; Dec. 5.
- Stencil card blanks, Apparatus for moistening. H. P. Elliott. 1,928,311; Sept. 26.
- Stencil device. O. P. Wolfe, jr. 1,896,877; Feb. 7.
- Stencil, Duplicating. H. Simon. 1,902,914; Mar. 28.
- Stencil duplicating machine, Rotary. G. E. Creed. 1,933,712; Nov. 7.
- Stencil ink roller. C. C. Harris. 1,938,904; Dec. 12.
- Stencil printing and copying machine. H. P. Elliott. 1,921,512; Aug. 8.
- Stencil printing device. W. A. Winther. 1,903,740; Apr. 11.
- Stencil printing machine. R. B. Aldcroft. 1,922,341; Aug. 15.
- Stencil printing machine. J. Flockhart. 1,939,965; Dec. 19.
- Stencil printing machine. E. A. Owens. 1,922,710; Aug. 15.
- Stencil sheet. H. Simon. 1,915,904; June 27.
- Stencil sheet and forming the same. L. E. Fuller. 1,935,875; Nov. 21.
- Stencil sheet, Forming a rubber. J. H. Matthews and L. M. Harley. 1,911,765; May 30.
- Stenciling machine. M. M. Harding. 1,928,223; Sept. 26.
- Stenciling machine. W. R. Respass. 1,901,473; Mar. 14.
- Stenciling machine. I. P. Simonsen and E. Jacobsen. 1,928,234; Sept. 26.
- Stenciling method and apparatus. J. C. Smith and G. H. Campbell. 1,930,153; Oct. 10.
- Stenotype machine. A. F. Westlund and S. D. Murphy. 1,933,833; Nov. 7.
- Stepladder. W. P. Newman. 1,924,213; Aug. 29.
- Stepladder. C. L. Page. 1,934,086; Nov. 7.
- Stepladder. W. M. Sample. 1,914,297; June 13.
- Stepladder. L. Whitwood. 1,932,944; Oct. 31.
- Stepladder extension. E. Stindl. 1,895,213; Jan. 24.
- Step mechanism for vehicles. J. S. McWhirter. 1,915,327; June 27.
- Step pad. B. Bronson. 1,939,604; Dec. 12.
- Step switcher for regulating transformers. B. Jansen. 1,931,869; Oct. 24.
- Stereoculator. E. O. Boquist and W. E. F. Straubel. 1,918,177; July 11.
- Stereopticon machine. E. H. Shannon. 1,927,222; Sept. 19.
- Stereopticon-operating device. F. G. Krueger and F. H. Hudspohl. 1,904,622; Apr. 18.
- Stereoscope. H. A. de Vry. Des. 90,191; June 27.
- Stereoscope. H. F. Kurtz. 1,904,868; Apr. 18.
- Stereoscope. M. Morrison. 1,911,963; May 30.
- Stereoscope casing. J. H. Bennett. Des. 90,564; Aug. 29.
- Stereoscope, Topographical. A. Barr. 1,894,148; Jan. 10.
- Stereoscopic plate shutter. M. Morrison. 1,916,383; July 4.
- Stereoscopic positives from inverted relief negatives. Printing. H. E. Ives. 1,905,469; Apr. 25.
- Stereoscopic projection apparatus. E. Feil. 1,939,343; Dec. 12.
- Stereotype casting apparatus. E. L. Wilson. 1,922,514; Aug. 15.
- Stereotype matrices, Method of and mechanism for treating. G. M. Clark. 1,935,352; Nov. 14.
- Stereotype plate casting machine. R. J. Greenway. 1,898,624; Feb. 21.
- Stereotype plate shaving machine. C. A. Rupp. 1,907,588; May 9.
- Stereotype plates, Casting. C. Winkler. 1,940,737; Dec. 26.
- Stereotype plates into a melting pot, Device for feeding used. C. Winkler. 1,932,238; Oct. 24.
- Stereotyping process and mechanism. M. W. Brueshaber. 1,937,493-4; Nov. 28.
- Sterilizer. C. M. Hetland. 1,938,558; Dec. 5.

- Sterilizer. G. McNab. 1,916,804; July 4.
 Sterilizer. C. R. Meitzler. 1,939,713; Dec. 19.
 Sterilizer. C. R. Meitzler. 1,939,715; Dec. 19.
 Sterilizer. J. G. Moore. 1,905,566; Apr. 25.
 Sterilizer. G. C. Stoddard. 1,914,334; June 13.
 Sterilizer. R. W. Timmis and F. F. Williams. 1,910,722; May 23.
 Sterilizer, Bottle. J. C. Hall. 1,896,805; Feb. 7.
 Sterilizer, Comb. O. Mays. 1,940,763; Dec. 26.
 Sterilizer, Dish. J. Thomas. 1,896,648; Feb. 7.
 Sterilizer valve. J. H. Okun. 1,925,931; Sept. 5.
 Sterilizing apparatus. W. V. Castle. 1,902,687; Mar. 21.
 Sterilizing apparatus. J. C. Ross. 1,896,379; Feb. 7.
 Sterilizing apparatus. Electrical. K. E. Golden. 1,934,703-4; Nov. 14.
 Sterilizing means. C. R. Meitzler. 1,939,714; Dec. 19.
 Sterilizing, Method and apparatus for. A. L. Dunham. 1,902,625; Mar. 21.
 Sterilizing process. J. C. Wormley. 1,902,390; Mar. 21.
 Sterols, Production of. C. N. Frey and R. F. Light. 1,912,440; June 6.
 Sterols, Production of. R. F. Light and C. N. Frey. 1,941,097; Dec. 26.
 Stethoscope. C. J. Filling and B. F. Wiegand. 1,932,227; Oct. 24.
 Stick, Electrical test. H. P. Sleeper. 1,906,644; May 2.
 Stick, gripping and centering apparatus for frozen confections. J. W. West. 1,924,224; Aug. 29.
 Stick, Ignitable. F. Ringer. 1,903,838; Apr. 18.
 Stick loading apparatus for stick carriers. C. H. Wagner. 1,929,340; Oct. 3.
 Stick, Walking. L. Van Sciver. 1,905,076; Apr. 25.
 Sticking corner for fastening cards and photos. R. Engelmann. 1,927,338; Sept. 19.
 Stiffener for attached collars. B. Milburn. 1,911,638; May 30.
 Still and water distillation. J. A. Silver. 1,939,418; Dec. 12.
 Still bottoms to recover asphalt and fatty acids, Treating mineral oil. H. F. Angstadt. 1,931,880; Oct. 24.
 Still, Continuous coking. J. B. Weaver. 1,931,594; Oct. 24.
 Still for substances of high-boiling point. W. Gensecke. 1,936,964; Nov. 28.
 Still tube, Martensitic cracking. V. B. Browne. 1,908,889; May 16.
 Still, Vacuum. J. H. Hills. 1,913,882; June 13.
 Still, Fruit picker's. G. Lang. 1,905,112; Apr. 25.
 Stirrer, Aerating. O. Sperling. 1,925,777; Sept. 5.
 Stirrer, Submerged. F. O'Neill. 1,896,327; Feb. 7.
 Stitch. L. H. Wild. 1,917,412; July 11.
 Stitch forming mechanism for sewing machines. C. F. Rubel. 1,899,828; Feb. 28.
 Stitch forming mechanism, Overedge. F. Lutz. 1,922,966; Aug. 15.
 Stitch marking device. J. E. Larsson. 1,922,135; Aug. 15.
 Stitcher for tires. E. G. Templeton. 1,913,348; June 6.
 Stitching and binding device, Removable. G. Levinsky and C. Marsal. 1,926,490; Sept. 12.
 Stitching machine. H. G. Allen and J. H. Bliss. 1,927,482; Sept. 19.
 Stitching machine. J. Kerr. 1,922,441; Aug. 15.
 Stitching machine. I. R. Metcalf. 1,906,075; Apr. 25.
 Stitching machine. I. R. Metcalf. 1,911,159; May 23.
 Stock and die. W. H. Straw. 1,893,308; Jan. 3.
 Stock consistency control. D. E. and E. F. Lewellen. 1,933,814; Nov. 7.
 Stock conveying apparatus for metal sawing machines. A. B. Einig. 1,939,441; Dec. 12.
 Stock fabricating machine. Long. J. H. Roberts. 1,916,991; July 4.
 Stock feeder. H. J. Heider. 1,916,570; July 4.
 Stock feeder, Anticlog. F. H. Engelke. 1,936,295; Nov. 21.
 Stock feeding mechanism. H. W. Ruppel. 1,939,320; Dec. 12.
 Stock feeding mechanism for machine tools. J. L. Peterson. 1,933,183; Oct. 31.
 Stock quotation announcing system, Automatic. C. Smith. 1,906,646; May 2.
 Stock quotation board, Talking. C. Smith. 1,931,091; Oct. 17.
 Stock quotation boards, Increasing visibility of. A. A. Clokey. 1,898,760; Feb. 21.
 Stock quotation projecting machine. J. W. Decker. 1,900,010; Mar. 7.
 Stock quotation projecting machine. J. W. Decker. 1,903,806; Apr. 18.
 Stock rack. C. W. Leguillon. 1,915,061; June 20.
 Stock ticker projecting mechanism. W. C. Peterman. 1,933,336; Oct. 31.
 Stock watering apparatus. A. F. Gustafson. 1,900,604; Mar. 7.
 Stocking. D. M. Carmer. 1,898,001; Feb. 21.
 Stocking. G. Gastrich. Des. 88,867; Jan. 3.
 Stocking. G. Gastrich. Des. 89,848; May 9.
 Stocking. C. H. Harpster. 1,924,433; Aug. 29.
 Stocking. H. Hemmerich. Des. 89,761; May 2.
 Stocking. H. Hemmerich. Des. 89,763; May 2.
 Stocking. P. F. Kroener. Des. 88,915-26; Jan. 3.
 Stocking. R. B. Schindler. Des. 89,470; Mar. 14.
 Stocking. J. W. Smith. Des. 91,124; Nov. 28.
 Stocking. F. E. Struve. Des. 89,320; Feb. 21.
 Stocking and display fixture. E. O. Bodkin. 1,938,370; Dec. 5.
 Stocking and knitting same, Full-fashioned. D. V. Smith and H. W. Hoffmann. 1,937,083; Nov. 28.
 Stocking and knitting same on flat knitting machines. W. Heinitz. 1,898,957; Feb. 21.
 Stocking and like suspender fitting. G. T. Walker and H. H. Wood. 1,916,088; June 27.
 Stocking and making same, Knitted. H. N. Sheppard. 1,932,292; Oct. 24.
 Stocking and stocking web. P. P. La Montagne. 1,893,588; Jan. 10.
 Stocking, Elastic. E. Parkinson. 1,928,072; Sept. 26.
 Stocking foot. R. C. Paul. 1,912,539; June 6.
 Stocking frame for embroidering machines. A. F. Hahnel. 1,917,935; July 11.
 Stocking heel construction and producing same, Full fashioned. J. A. Goodman. 1,935,502; Nov. 14.
 Stocking insert feeding apparatus. F. E. Struve. 1,931,301; Oct. 17.
 Stocking inspecting device. A. C. Schoen. 1,917,067; July 4.
 Stocking, Knitted. A. A. Sanderson. 1,930,397; Oct. 10.
 Stocking machine. A. H. Canning. 1,908,507; May 9.
 Stocking protector. A. Heelan. 1,894,866; Jan. 17.
 Stocking protector. M. S. Silver. 1,914,463; June 20.
 Stocking toe fabric. J. Kugelman. 1,915,792; June 27.
 Stockings, Apparatus for knitting seamless. G. Nobst and E. Ulbright. 1,926,814; Sept. 12.
 Stockings, Making full fashioned. K. R. Lieberknecht. 1,901,757; Mar. 14.
 Stockings on straight knitting machine in continuous operation, Manufacturing. K. K. Lieberknecht. 1,923,984; Aug. 22.
 Stockings, Reinforce attachment for. B. H. Anderson. 1,930,030; Oct. 10.
 Stoker. F. L. Buff. 1,906,247; May 2.
 Stoker. W. W. Jones. 1,939,854; Dec. 19.
 Stoker. N. M. Lower. 1,925,670; Sept. 5.
 Stoker. N. M. Lower. 1,925,988; Sept. 5.
 Stoker. N. M. Lower, A. K. Kusebauch, and A. R. Chalker. 1,911,837; May 30.
 Stoker. J. P. Norton. 1,940,967; Dec. 26.
 Stoker. F. C. Pickard. 1,904,520; Apr. 18.
 Stoker. H. E. Preston. 1,939,366; Dec. 12.
 Stoker. C. J. Surdykowski. 1,909,236; May 16.
 Stoker. H. M. Swindler. 1,917,404; July 11.
 Stoker. H. M. Swindler. 1,931,172; Oct. 17.
 Stoker, Automatic. F. Chamberlin. 1,936,962; Nov. 28.
 Stoker, Automatic. G. A. Kohout. 1,917,375; July 11.
 Stoker, Automatic. E. Krieger. 1,917,652; July 11.
 Stoker, Automatic. R. M. Robertson and M. C. Allin. 1,893,246; Jan. 3.
 Stoker, Chain grate. W. M. Duncan. 1,939,164; Dec. 12.
 Stoker, Chain grate. B. H. Miller. 1,904,503; Apr. 18.
 Stoker, Coal. A. Ousdahl. 1,920,912; Aug. 1.
 Stoker, Coal burning. T. H. Banfield. Des. 90,012; May 30.
 Stoker construction. H. P. Anderson. 1,938,565; Dec. 12.
 Stoker control. P. F. Shivers. 1,911,773; May 30.
 Stoker, Domestic. H. M. Culver. 1,931,181; Oct. 17.
 Stoker, Domestic type. F. W. Kay. 1,913,396; June 13.
 Stoker drive transmission. F. R. Nelson. 1,940,433; Dec. 19.
 Stoker, Furnace. J. S. Bennett. 1,931,281; Oct. 17.
 Stoker, Furnace. B. Coleman and S. J. Hendershott. 1,925,790; Sept. 5.
 Stoker, Furnace. S. J. Hendershott. 1,925,803; Sept. 5.
 Stoker installation, Marine. E. Wheeler. 1,926,707; Sept. 12.
 Stoker, Locomotive. A. M. Hunt. 1,925,663; Sept. 5.
 Stoker, Locomotive. N. M. Lower. 1,925,539; Sept. 5.
 Stoker, Locomotive. F. P. Roesch. 1,897,510; Feb. 14.
 Stoker, Locomotive. E. Ryan. 1,929,038; Oct. 3.
 Stoker, Locomotive. E. A. Turner. 1,920,535; Aug. 1.
 Stoker, Mechanical. W. D. Burton. 1,905,342; Apr. 25.
 Stoker, Mechanical. W. D. Burton. 1,914,485-6; June 20.
 Stoker, Mechanical. F. W. Lehnert. 1,938,842; Dec. 12.
 Stoker, Mechanical. E. A. Turner. 1,938,551; Dec. 5.
 Stoker, Mechanical. H. F. Yerges. Des. 90,641; Sept. 5.
 Stoker mechanism. R. L. Beers. 1,938,681; Dec. 12.
 Stoker mechanism. J. W. Myers. 1,916,177; June 27.
 Stoker, Pulverized fuel feeding. F. C. Pickard. 1,908,047; May 9.
 Stoker, Reactive. F. C. Greene. 1,940,945; Dec. 26.
 Stoker shut-off device. C. D. Smelser. 1,892,790; Jan. 3.
 Stoker timer. D. G. Taylor. 1,925,781; Sept. 5.
 Stoker transmission. H. B. Donley. 1,930,791; Oct. 17.
 Stoker, Underfeed. W. E. Biggs. 1,904,716; Apr. 18.
 Stoker, Underfeed rotary grate. C. Brossman. 1,921,864; Aug. 8.
 Stoker, Water cooled. J. S. Bennett. 1,916,713; July 4.
 Stokers, Combustion plate for. T. H. Banfield. 1,927,199; Sept. 19.
 Stoking mechanism, Locomotive. D. T. Williams. 1,920,334; Aug. 1.
 Stone and asphalt spreader. F. E. Arndt. 1,940,898; Dec. 26.
 Stone and masonry renovating device. R. J. Brinker. 1,928,246; Sept. 26.
 Stone, Artificial. J. C. Edwards. 1,920,463; Aug. 1.
 Stone construction. P. A. Celander. 1,892,761; Jan. 3.

- Stone, Cutting blocks of. J. B. Newsom. 1,919,800; July 25.
- Stone cutting implement. H. J. Cowie. 1,894,087; Jan. 10.
- Stone cutting machine. H. Evans. 1,902,279; Mar. 21.
- Stone cutting mechanism. A. E. Nelson. 1,909,001; May 16.
- Stone plates, Producing artificial. F. Bierling. 1,916,034; June 27.
- Stone product and making same, Artificial. H. Oberherr. 1,935,985; Nov. 21.
- Stone surfaces, Making and applying artificial. F. R. Cooper. 1,931,573; Oct. 24.
- Stone, Synthetic precious. M. Jaeger and H. Espig. 1,935,717; Nov. 21.
- Stone, Treatment of dolomitic. C. C. Loomis. 1,894,184; Jan. 10.
- Stones from lime, Manufacture of artificial. S. Schless. 1,907,369; May 2.
- Stool. H. T. Hallowell. 1,912,274; May 30.
- Stool. E. R. Ries. 1,897,676; Feb. 14.
- Stool, Collapsible. L. E. Goeller. 1,896,446; Feb. 7.
- Stool, Companion. C. M. Scherer. 1,933,602; Nov. 7.
- Stool seat positioning means. J. Kupski. 1,895,226; Jan. 24.
- Stop-actuating mechanism for braiding machines. F. Murray. 1,925,996; Sept. 5.
- Stop actuating register. R. F. Beall. 1,925,743; Sept. 5.
- Stop and cab signal system, Train. A. E. Hudd. 1,910,339; May 23.
- Stop and cab signal system, Train. A. E. Hudd. 1,917,372; July 11.
- Stop and catch, Door. O. Kartzmark. 1,923,933; Aug. 22.
- Stop and catch, Yieldable door. C. Greene. 1,903,669; Apr. 11.
- Stop and holder, Door. E. L. Teich. 1,914,542; June 20.
- Stop and waste valve, Compound compression. C. A. Newberg. 1,916,384; July 4.
- Stop, Automatic. F. A. Mitchell. 1,913,558; June 13.
- Stopcock. L. S. Hamer. 1,892,835; Jan. 3.
- Stop-cock with electric heater. H. Arber. 1,920,049; July 25.
- Stop construction, Spring pressed window. R. T. Axe. 1,922,011; Aug. 8.
- Stop device for toy motors. S. Orkin. 1,894,416; Jan. 17.
- Stop, Door. S. B. MacMillan. 1,915,795; June 27.
- Stop, Door. G. W. Spratt and J. F. Cullen. 1,935,252; Nov. 14.
- Stop for die sets, Work. R. Besocke. 1,927,885; Sept. 26.
- Stop for doors or gates. C. Greene. 1,936,232; Nov. 21.
- Stop for luggage, Partition. S. Lacher. 1,892,897; Jan. 3.
- Stop for multiple operated fastener closures. G. Johnson. 1,910,953; May 23.
- Stop for navigational sounding machines, Resilient. A. Lietz. 1,933,742; Nov. 7.
- Stop for punch presses and the like, Automatic. G. H. Leland. 1,928,156; Sept. 26.
- Stop for towel cabinets, Feed. R. G. Birr and A. C. Grunwald. 1,922,837; Aug. 15.
- Stop for vehicle lifts, Safety. J. M. Cunneen. 1,936,107; Nov. 21.
- Stop, Gas pipe. E. Crain. 1,921,809; Aug. 8.
- Stop light switch. C. B. Mahan. 1,909,699; May 16.
- Stop, Limit. R. Sterrett. 1,903,072; Mar. 28.
- Stop limit control for firing equipment. W. P. E. Ainsworth. 1,939,640; Dec. 19.
- Stop, Lubricated gas. J. T. Sutliff. 1,940,378; Dec. 19.
- Stop means for elevator cars and counterweights, Emergency-. E. E. Arnold. 1,932,060; Oct. 24.
- Stop means for rotary shafts. M. Flaherty. 1,901,710; Mar. 14.
- Stop mechanism. A. S. Howell. 1,940,130; Dec. 19.
- Stop mechanism. C. R. Libby. 1,914,779; June 20.
- Stop mechanism for jacks. R. Statz. 1,912,230; May 30.
- Stop mechanism for spring winding machines. F. S. Thomas. 1,935,137; Nov. 14.
- Stop mechanism for yarn measuring spool winders, Adjustable. L. H. Hildebrandt and J. K. Schwartz. 1,934,541; Nov. 7.
- Stop motion. W. J. Scott. 1,937,207; Nov. 28.
- Stop motion apparatus. G. P. Flanagan. 1,913,379; June 13.
- Stop-motion device. E. B. Allen and W. Myers. 1,915,910; June 27.
- Stop motion, Device for effecting warp. R. Furuya. 1,916,046; June 27.
- Stop motion, Electrical warp. O. V. Payne. 1,899,717; Feb. 28.
- Stop motion for a doubling and twisting machine. H. Wray. 1,929,763; Oct. 10.
- Stop-motion for bobbin winding machines, Automatic. K. Meyer-Gaus and A. Saure. 1,895,244; Jan. 24.
- Stop motion for braiding or twisting machines. W. C. Wright. 1,926,963; Sept. 12.
- Stop motion for gill boxes. W. J. Scott. 1,900,400; Mar. 7.
- Stop motion for gill boxes. W. J. Scott. 1,937,208; Nov. 28.
- Stop motion for roving and spinning machines. W. J. Scott. 1,920,767; Aug. 1.
- Stop motion for speeders and the like. W. W. Tripp. 1,925,737; Sept. 5.
- Stop motion mechanism. A. Littlefield. 1,930,245; Oct. 10.
- Stop motion, Warp. W. C. Howe and O. V. Payne. 1,924,208; Aug. 29.
- Stop motion, Warp. L. Kasper. 1,925,051; Aug. 29.
- Stop or closer, Flue opening. F. C. Britton, sr. 1,895,536; Jan. 31.
- Stop, Plug. F. H. Mueller and J. W. Simpson. 1,916,632; July 4.
- Stop releasing arm for thread carrier rods. J. Bareiss. 1,940,237; Dec. 19.
- Stop signal. L. Blackwelder. 1,915,179; June 20.
- Stop, Top. E. W. Rutherford. 1,916,390; July 4.
- Stop, Wheel. H. W. Ekholm. 1,900,232; Mar. 7.
- Stop, Wheel. A. H. Told. 1,900,210; Mar. 7.
- Stop, Window. A. G. Grasso. 1,940,084; Dec. 19.
- Stop with off-set connection, Corporation. J. W. Simpson and F. H. Mueller. 1,933,190; Oct. 31.
- Stop, Yielding. E. R. Marbach. 1,918,652; July 18.
- Stopper. F. E. A. W. Bergaud. 1,918,243; July 18.
- Stopper. E. J. Kissick. 1,912,080; May 30.
- Stopper and brush, Combined. T. F. Ellison. 1,915,599; June 27.
- Stopper and flask connector. Bottle. F. M. Pottenger and E. G. House. 1,902,892; Mar. 28.
- Stopper and the like, Bottle. W. H. Nash. 1,905,301; Apr. 25.
- Stopper, Bottle. F. E. De Long. 1,911,354; May 30.
- Stopper, Bottle. G. F. Pinsuti. 1,910,562; May 23.
- Stopper, Bottle. C. H. Taylor. 1,928,037; Sept. 26.
- Stopper for ink bottles and the like, Pouring. A. H. Jones. 1,913,393; June 13.
- Stopper, Inflatable conduit. P. Goodman. 1,906,151; Apr. 25.
- Stopper operating mechanism for ladies. M. J. Nemes. 1,893,436; Jan. 3.
- Stopper or closure for insulated containers. A. S. Knapp. 1,892,988; Jan. 3.
- Stopper plug. O. Fitterer. 1,898,658; Feb. 21.
- Stopper, Sediment collecting. F. A. and A. H. Grauman. 1,892,884; Jan. 3.
- Stopper-top and making the same. W. J. Fletcher. 1,899,411; Feb. 28.
- Stopper, Waste-pipe. F. Kaplan. 1,935,361; Nov. 14.
- Stopping device for looms or the like. E. C. Smith and W. J. McLaughlin. 1,939,419; Dec. 12.
- Stopping device for spreaders and drawing frames, Automatic. F. J. Peck. 1,926,957; Sept. 12.
- Stopping device for talking machines, Automatic. G. F. Clark. 1,905,151; Apr. 25.
- Stopping mechanism. T. H. Seely. 1,939,321; Dec. 12.
- Stopple, Sink. W. F. Schacht. 1,925,008; Aug. 29.
- Stopple, Sink. W. F. Schacht. 1,937,441; Nov. 28.
- Storage and dispensing apparatus for carbon dioxide. H. H. Purvis. 1,939,611; Dec. 12.
- Storage and dispensing device for screen wire and the like. H. S. Bobo. 1,902,826; Mar. 28.
- Storage and refrigeration apparatus, Combined. F. C. Hannaford. 1,922,129; Aug. 15.
- Storage apparatus. E. S. Taylor. 1,896,021; Jan. 31.
- Storage bag. W. P. Holley. 1,900,814; Mar. 7.
- Storage battery. C. H. Everett. 1,907,766; May 9.
- Storage battery. H. H. Henry. 1,926,771; Sept. 12.
- Storage battery. G. L. Kyle. 1,918,044; July 11.
- Storage battery. J. E. Marsden. 1,919,341; July 25.
- Storage battery. B. Merlan and J. F. McClelland. 1,934,945; Nov. 14.
- Storage battery. L. M. Patterson, jr. 1,892,962; Jan. 3.
- Storage battery. A. H. Snyder. 1,900,307; Mar. 7.
- Storage battery. N. D. Sturges. 1,905,319; Apr. 25.
- Storage battery. G. Wheat. 1,909,325; May 16.
- Storage battery box. L. A. Doughty. Des. 89,746; May 2.
- Storage battery carrier. C. W. Baldwin. 1,935,828; Nov. 21.
- Storage battery clip. J. M. Richardson. 1,938,261; Dec. 5.
- Storage battery container. C. J. Dunzweiler. 1,922,082; Aug. 15.
- Storage battery separator. J. L. Rupp. 1,902,267; Mar. 21.
- Storage battery ventilating plug. R. A. Lavender. 1,920,261; Aug. 1.
- Storage device, Gas or liquid. J. H. Wiggins. 1,917,622; July 11.
- Storage rack. C. D. Burrell. 1,921,656; Aug. 8.
- Storage rack. R. E. De Lamar. 1,921,222; Aug. 8.
- Storage reel. M. L. Corlett. 1,926,836; Sept. 12.
- Storage tank, Electrically welded high pressure. A. W. Priebe. 1,921,241; Aug. 8.
- Storage tank for volatile gases and liquids. J. H. Wiggins. 1,917,623; July 11.
- Store. C. O. Sherrill. 1,924,963; Aug. 29.
- Store front. H. Cohn. Des. 90,120; May 30.
- Store front. G. Malcolm. Des. 90,328; July 18.
- Store front. H. J. McNeil. Des. 89,086; Jan. 24.
- Store front. H. J. McNeil. Des. 90,445; Aug. 8.
- Store-front construction. F. and I. Himmel. Re18,753; Feb. 28.
- Store-front construction. F. and I. Himmel. 1,897,475; Feb. 14.
- Store-front construction. F. and I. Himmel. 1,899,035; Feb. 28.
- Store-front construction. F. and I. Himmel. 1,901,369; Mar. 14.

- Store-front construction. F. and I. Himmel. 1,910,249; May 23.
- Store-front construction. F. and I. Himmel. 1,931,290; Oct. 17.
- Store front construction. F. J. Plym. 1,926,647; Sept. 12.
- Store front coupling. F. L. Michaels. 1,893,956; Jan. 10.
- Store illuminating device. H. D. Thompson. 1,922,786; Aug. 15.
- Stored pressure medium container. H. E. Heigis. 1,920,127; July 25.
- Storing box. G. Rahn. 1,923,223; Aug. 22.
- Storm anchor tool. C. A. Nichols. 1,910,039; May 23.
- Storm sash ventilator. A. T. Wilson. 1,928,804; Oct. 3.
- Stove. E. F. Diekmann. Des. 90,941; Oct. 31.
- Stove. C. W. Hugy. 1,934,428; Nov. 7.
- Stove. V. Lagneau. 1,896,197; Feb. 7.
- Stove. W. F. Rogers. Des. 90,085; June 6.
- Stove. C. G. Schott. 1,939,832; Dec. 19.
- Stove, Brooder. R. Lyons. 1,894,108; Jan. 10.
- Stove, Camp. W. W. Wilkinson. 1,923,131; Aug. 22.
- Stove, Coal. G. L. Bridge. Des. 90,015; May 30.
- Stove, Coal. G. L. Bridge. Des. 90,231; July 4.
- Stove construction. A. H. Tinnerman. 1,933,398; Oct. 31.
- Stove construction. A. H. Tinnerman. 1,935,895; Nov. 21.
- Stove, Cook. W. L. Cooper. 1,903,091; Mar. 28.
- Stove, Cook. R. Hogan. 1,932,182; Oct. 24.
- Stove, Cooking. H. H. Fleer. Des. 89,881; May 16.
- Stove, Cooking. M. G. Klemme. Des. 89,966; May 23.
- Stove, Cooking. M. G. Klemme. 1,910,255; May 23.
- Stove, Electric cooking. J. W. Speaker. 1,936,215; Nov. 21.
- Stove for curing tobacco. R. R. Fishback. 1,933,475; Oct. 31.
- Stove, Gas. W. F. Rogers. 1,930,663; Oct. 17.
- Stove, Heating. M. W. Wood. 1,926,473; Sept. 12.
- Stove, Movable. I. Räsänen. 1,938,462; Dec. 5.
- Stove, Oil burning. A. T. and H. L. Cole. 1,927,434; Sept. 19.
- Stove or furnace construction. L. W. Holmes. 1,931,959; Oct. 24.
- Stove or range. F. J. Freeland. 1,922,361; Aug. 15.
- Stove panel assembly. A. H. Tinnerman. Des. 89,457; Mar. 14.
- Stovepipe. J. A. Krantz. 1,900,750; Mar. 7.
- Stovepipe joint. L. B., N., W., and J. M. Goldberg. 1,907,536; May 9.
- Stove, Portable electric table. H. V. Glore. Des. 90,877; Oct. 17.
- Stove, Vapor. A. J. Yeager. 1,924,824; Aug. 29.
- Stove wick and its composition. A. A. Halter. 1,920,384; Aug. 1.
- Stoves, Attachment for. E. V. Coulston. 1,922,420; Aug. 15.
- Stoves, Construction of. E. N. Dollin and B. F. Waddell. 1,940,080; Dec. 19.
- Stoves to shipping crates, Attaching. C. H. and R. F. Hoffstetter. 1,910,337; May 23.
- Straightedge. H. H. Warner and T. Keller. 1,933,155; Oct. 31.
- Straightener. G. W. Dressen. 1,930,384; Oct. 10.
- Straightener for shoe soles. G. B. Dusingberre. 1,893,987; Jan. 10.
- Straightening press. P. L. Coyle. 1,911,108; May 23.
- Strain clamp. C. W. and J. T. Kemper. 1,924,438; Aug. 29.
- Strain gauge. H. C. Berry. 1,933,238; Oct. 31.
- Strain insulator chain. H. Benit. 1,924,056; Aug. 22.
- Strain on hoisting ropes, Device for equalizing. W. F. Frost. 1,915,486; June 27.
- Strains on hoisting ropes, Device for equalizing. J. E. Evans. 1,940,249; Dec. 19.
- Strainer. C. Andrews. Re18,945; Sept. 12.
- Strainer. I. J. B. Demers. 1,918,836; July 18.
- Strainer. L. C. Fe Bland. 1,936,387; Nov. 21.
- Strainer. L. P. Hoff. 1,911,508; May 30.
- Strainer. J. Stringer. 1,940,923; Dec. 26.
- Strainer, Air. S. G. Down. 1,932,034; Oct. 24.
- Strainer, Air. A. Neveu. 1,935,813; Nov. 21.
- Strainer and making same, Well. G. E. Willers. Re18,968; Oct. 10.
- Strainer, Cement well. G. W. Woods. 1,896,212; Feb. 7.
- Strainer, Detachable sink. C. Mercier and F. Dietrich. 1,903,366; Apr. 4.
- Strainer, Duplex. K. Muhleisen. 1,919,031; July 18.
- Strainer, Fluid. G. J. Heinz. 1,917,203; July 4.
- Strainer, Fluid. A. L. Semon and W. S. Walker. 1,908,925; May 16.
- Strainer for cooling systems of internal-combustion engines. J. Hromadka. 1,931,988; Oct. 24.
- Strainer head for tubing machine. V. Royle. 1,910,261; May 23.
- Strainer, Liquid. W. D. Saunders. 1,910,774; May 23.
- Strainer, Milk. E. E. Götman. 1,896,816; Feb. 7.
- Strainer, Milk. D. W. Ross. 1,911,715; May 30.
- Strainer or filter for fluids, as for milk or water. J. F. Mullaney. 1,898,382; Feb. 21.
- Strainer or the like, Oil. H. C. Frenzels. 1,906,565; May 2.
- Strainer roof leader or light drain tube. M. E. Tverdak. 1,937,732; Dec. 5.
- Strainer supports, Constructing. I. J. B. Demers. 1,937,486; Nov. 28.
- Strainer tank. A. R. Keller. 1,925,730; Sept. 5.
- Strainer trap. A. Pullman. 1,935,128; Nov. 14.
- Strainer unit. M. E. Danills. 1,928,049; Sept. 26.
- Strainer, Well. G. W. Woods. 1,918,949; July 18.
- Strainers, Cushioning feet for sink. G. C. Guckes. 1,899,415; Feb. 28.
- Straining and pulp making machine. W. B. Barnbisel. 1,903,527; Apr. 11.
- Straining arrangement in vacuum drying apparatus. A. E. Jonsson. 1,915,537; June 27.
- Straining attachment for pans and kettles. R. W. Alexander. 1,916,710; July 4.
- Straining device. A. Yurkovich. 1,916,456; July 4.
- Strand carrier for braiders, Self-aligning. G. E. Henning. 1,895,463; Jan. 31.
- Strand distributor. J. A. Whitaker. 1,929,940; Oct. 10.
- Strand-like articles, Method of and apparatus for transferring. A. G. Pieczentkowski. 1,924,164; Aug. 29.
- Strand-like articles, Process of and apparatus for winding and wrapping. A. G. Pieczentkowski. 1,927,708; Sept. 19.
- Strand material, Apparatus for marking. D. G. Scramton. 1,904,254; Apr. 18.
- Strand material, Directing and accumulating. M. O. Schur. 1,915,451; June 27.
- Strand or stump, Tying. A. Freyberg. 1,905,392; Apr. 25.
- Strand serving device. R. L. Rice. 1,914,164; June 13.
- Strand treating apparatus and method. H. W. Brown. 1,905,896; Apr. 25.
- Strand unwinding apparatus. H. P. Arkema. 1,920,962; Aug. 8.
- Strand working apparatus. E. J. McIlvried. 1,920,207; Aug. 1.
- Stranding. E. A. Conner. 1,906,543; May 2.
- Stranding machine. H. Hill. 1,896,084; Feb. 7.
- Strap—
 Grip strap. Tie strap.
 Lingerie shoulder strap. Wrist watch strap.
 Shoulder strap.
- Strap and harness, Baby's safety. J. Beagan. 1,897,882; Feb. 14.
- Strap and harness, Baby's safety. J. T. Beagan. 1,930,378; Oct. 10.
- Strap and making the same, Lug. H. E. Wilson. 1,909,993; May 23.
- Strap cutting device. A. F. Novy and W. C. Childress. 1,938,666; Dec. 12.
- Strap for high back overalls, Shoulder. L. W. Joyce. 1,935,296; Nov. 14.
- Strap holder, Lingerie. O. M. De Ment. 1,900,979; Mar. 14.
- Strap maintenance device, Shoulder. H. V. Stuart. 1,905,318; Apr. 25.
- Strap retainer, Shoulder. J. Freedman. 1,903,259; Mar. 28.
- Strap, Shoulder. A. Hawkins. 1,918,748; July 18.
- Strap tightener. A. F. Bernard. 1,920,739; Aug. 1.
- Strap tying machine. L. M. Harvey. 1,897,650; Feb. 14.
- Strap wrench. J. P. and F. E. Deringer. 1,911,815; May 30.
- Strapping machine, Retracting. H. Paxton. 1,935,814; Nov. 21.
- Straps for battery plates, Casting. A. Mayer. 1,897,066; Feb. 14.
- Straps onto slide buckles, Fastening shoulder. J. R. Bux. 1,936,496; Nov. 21.
- Straw collector. F. V. and C. L. Handy. 1,897,254; Feb. 14.
- Strawberry. C. E. Schuster. Pl. Pt. 60; Apr. 18.
- Strawberry plant. E. C. Howard. Pl. Pt. 71; July 25.
- Stream regulator. T. P. Newman and E. W. Marchand. 1,930,060; Oct. 10.
- Street sign, Adjustable. A. Sprung. 1,912,549; June 6.
- Stress measuring. A. McL. Nicolson. 1,912,213; May 30.
- Stress measuring means. B. F. Teetor. 1,933,354; Oct. 31.
- Stretcher. L. E. Goldblatt. 1,901,641; Mar. 14.
- Stretcher. O. L. Herod. 1,924,496; Aug. 29.
- Stretcher. F. B. Skinner. 1,903,536; Apr. 11.
- Stretcher. O. E. Stassinios. 1,934,567; Nov. 7.
- Stretcher and drier, Stocking. A. E. Kinsley and C. A. Noyes. 1,914,206; June 13.
- Stretcher, Blanket. H. F. Schmidt and L. Jung. 1,927,049; Sept. 19.
- Stretcher, Cable. H. B. Diskin and P. Frederick. 1,929,163; Oct. 3.
- Stretcher, Carpet. H. E. Cathard. 1,929,837; Oct. 10.
- Stretcher, Curtain. F. C. Amos. 1,894,748; Jan. 17.
- Stretcher, Curtain. J. A. Anderson. 1,917,084; July 4.
- Stretcher, Curtain. R. N. Aska. 1,918,888; July 18.
- Stretcher, Curtain. A. Briggs. 1,939,841; Dec. 19.
- Stretcher, Curtain. M. C. Boyer. 1,941,386; Dec. 26.
- Stretcher, Curtain. W. T. Huff. 1,913,710; June 13.
- Stretcher, Curtain. J. Ladigo. 1,920,573; Aug. 1.
- Stretcher, Curtain. S. E. Maves and W. M. Cushman. 1,940,600; Dec. 19.
- Stretcher, Curtain. M. M. Mistasu and V. Christ. 1,910,493; May 23.
- Stretcher, Garment. L. S. Stripling. 1,897,972; Feb. 14.
- Stretcher, Hide. H. De Staebler. 1,911,556; May 30.
- Stretcher, Hydraulic belt. W. F. Sutton and J. P. Hensler. 1,894,298; Jan. 17.
- Stretcher jack. J. M. Andrew. 1,941,378; Dec. 26.
- Stretcher, Shoe. C. O. Olson. 1,921,093; Aug. 8.
- Stretcher, Stocking. J. T. Blossom. 1,893,220; Jan. 3.

- Stretcher, Wedge-shape fur. A. S. Greenstein. 1,925,094; Sept. 5.
- Stretcher, Wire. W. M. Forsythe. 1,939,005; Oct. 10.
- Stretcher, Wire. J. Marx. 1,911,910; May 30.
- Stretching and securing means for flexible material. A. Boomersline. 1,895,309; Jan. 24.
- Stretching clamp. W. E. De Land. 1,910,003; May 23.
- Stretching frame. J. F. Dougherty. 1,929,629; Oct. 10.
- Stretching machine. R. L. Griffin and J. T. O'Neil. 1,919,649; July 25.
- Stretching machine. W. Sykes. 1,903,638; Apr. 11.
- Stretching tool. H. C. Porter. 1,905,052; Apr. 25.
- Stretching tool. E. G. Seagren. 1,912,045; May 30.
- Striker bar for bag machines. G. W. Poppe. 1,904,078; Apr. 18.
- Strike for brick molds. R. F. Lescallette. 1,939,012; Dec. 12.
- Striker for doors, Adjustable. J. H. Harward. 1,913,986; June 13.
- Striker plate. L. K. Church. 1,917,240; July 11.
- Striker plate. C. Minzenmayer. 1,919,739; July 25.
- Striker plate. W. S. Saunders. 1,924,806; Aug. 29.
- String bean cutter. L. R. H. Burton and V. E. Cook. 1,919,770; July 25.
- String holder. A. B. Collingbourne. Des. 89,629; Apr. 18.
- Stringed instrument. N. W. Schireson. 1,927,575; Sept. 19.
- Stringer for fasteners. G. E. Prentice. 1,895,172; Jan. 24.
- Strip attaching means, Fairing. R. E. Palmer. 1,939,223; Dec. 12.
- Strip beveling machine. C. E. Dunlap. 1,935,700; Nov. 21.
- Strip, Bimetallic flanged dividing. P. Galassi. 1,900,705; Mar. 7.
- Strip, Cold rolling coated. J. A. Sargent. 1,933,188; Oct. 31.
- Strip delivery mechanism for punch presses and the like. G. H. Leland. 1,916,378; July 4.
- Strip, Double duty floor dividing. P. Galassi. 1,908,340; May 9.
- Strip feeding or dispensing machine. L. Link. 1,921,626; Aug. 8.
- Strip for doors and the like, Movable sealing. C. G. Johnson. 1,892,986; Jan. 3.
- Strip for floors, Flanged divider. P. Galassi. 1,911,681; May 30.
- Strip for terrazzo and like floors, Dividing. P. Galassi. 1,900,704; Mar. 7.
- Strip for terrazzo floors, Reenforced. P. Galassi. 1,910,159; May 23.
- Strip map holder. A. E. and K. G. Bloomfield. 1,896,935; Feb. 7.
- Strip materials, Apparatus for ornamenting the surface of. G. Prifold. 1,912,853; June 6.
- Strip materials, Ornamenting the surface of. G. Prifold. 1,912,859; June 6.
- Strip, Metal box staying. W. D. Stanger. 1,918,992; July 18.
- Strip, Metal furring. E. Fernstrom. 1,918,256; July 18.
- Strip or thread material, Process and apparatus for making rubber or like. F. Cremer. 1,893,465; Jan. 3.
- Strip registering and tensioning device. L. F. Hagemann. 1,896,078; Feb. 7.
- Strip-supporting mechanism. L. W. Anderson. 1,902,010; Mar. 21.
- Strip tensioning mechanism. J. E. Euth. 1,911,112; May 23.
- Stripping device. R. Z. Hopkins and E. F. Seger. 1,915,419-20; June 27.
- Stripping device. B. S. Starch. 1,904,558; Apr. 18.
- Stripping device for automobile bodies. R. Z. Hopkins and E. F. Seger. 1,915,317; June 27.
- Stripping implement. F. M. Luker. 1,937,660; Dec. 5.
- Stripping instrument. E. M. Barden and F. A. Benoit. 1,907,708; May 9.
- Stripping instrument. J. M. Christman. 1,906,879; May 2.
- Stripping instrument. J. M. Christman. 1,907,738; May 9.
- Stripping instrument. J. M. Christman. 1,924,273; Aug. 29.
- Stripping instrument. E. B. Murphy, F. A. Benoit, and E. M. Barden. 1,906,880; May 2.
- Stripping instrument. T. C. Warner. 1,927,191; Sept. 19.
- Stripping machine. J. M. Christman and A. L. Kline. 1,915,646; June 27.
- Stripper. R. J. Harry and M. Shutt. 1,924,740; Aug. 29.
- Stripper bar structure. L. E. Wirth. 1,909,646; May 16.
- Stripper for carding engines, Pneumatic. E. Clark. 1,905,265; Apr. 25.
- Stripper for collapsible tube forming machines. W. Prussing. 1,900,666; Mar. 7.
- Stripper for cutting machines. B. F. Berry. 1,911,742; May 30.
- Stripper member for flatwork ironers. C. E. Hamilton, sr. 1,936,390; Nov. 21.
- Stripping apparatus. A. C. Bowers and W. E. Humphrey. 1,908,950; May 16.
- Stripping device for punch presses and the like. G. H. Leland. 1,930,762; Oct. 17.
- Stripping mechanism for automatic hosiery driers. H. F. Wanamaker. 1,914,315; June 13.
- Strips, films, and the like, Producing. E. Bleibler. 1,911,878; May 30.
- Strips in can bodies, Forming tearing. W. E. Burns. 1,929,771; Sept. 10.
- Strips, Mechanism for unwinding and delivering continuous. C. G. Richardson. 1,918,984; July 18.
- Strips or bars of material into separate portions, Apparatus for cutting. A. G. Rose. 1,895,048; Jan. 24.
- Stroboscope. W. D. Cockrell. 1,904,124; Apr. 18.
- Stroboscope. E. Frischknecht. 1,940,411; Dec. 19.
- Stroboscope, Speed-counting. A. W. Dickey. 1,931,789; Oct. 24.
- Stroboscopic apparatus. C. H. Boulin. 1,930,460; Oct. 17.
- Stroboscopic device. F. Palluch. 1,923,277; Aug. 22.
- Stroboscopic system. H. Broadwell. 1,910,982; May 23.
- Stroke adjusting means. L. B. Grumann. 1,907,647; May 9.
- Stroke changing mechanism. R. H. Carter. 1,927,307; Sept. 19.
- Stroke mechanism, Full. A. S. Wheelbarger and G. C. Coil. 1,899,250; Feb. 28.
- Stroke-regulating device for pull rods. J. R. Mahan. 1,893,333; Jan. 3.
- Stroke regulator for pumps, Hydraulic. A. L. Ellis. 1,923,923; Aug. 22.
- Strong box. C. F. Meilink and K. C. Weatherby. 1,922,486; Aug. 15.
- Strontium carbonate, Making. O. L. Thomas. 1,936,806; Nov. 28.
- Strop, Razor. W. C. Davis. 1,935,080; Nov. 14.
- Strop, Razor blade. A. D. Boulanger and F. P. Hubrich. 1,893,642; Jan. 10.
- Strop, Razor blade. F. E. Wolcott. 1,929,463; Oct. 10.
- Stropping device. E. Bull. 1,910,745; May 23.
- Stropping device. T. W. Owens. 1,926,171; Sept. 12.
- Stropping device for razor blades. W. G. Wallenbeck. 1,914,389; June 20.
- Stropping machine for razor blades. T. C. Sheehan. 1,915,477; June 27.
- Stropping material. T. S. Fuller and L. L. Wyman. 1,923,719; Aug. 22.
- Structural and insulating unit, Sheet metal faced. G. A. Bole and J. D. Sullivan. 1,934,788; Nov. 14.
- Structural devices. A. Vermeulen. 1,900,819; Mar. 7.
- Structural element. H. W. and G. Buelow. 1,900,541; Mar. 7.
- Structural element. H. Junkers. 1,910,608; May 23.
- Structural joint. F. Goertz and L. E. Baltzley. 1,917,365; July 11.
- Structural material capable of withstanding halogen hydrides. H. Frischer. 1,939,890; Dec. 19.
- Structural material, Laminated rigid. R. John. 1,920,081; July 25.
- Structural member. H. Junkers. 1,895,667; Jan. 31.
- Structural member. K. W. McHose. 1,918,346; July 18.
- Structural member. C. A. Robinson. 1,915,697; June 27.
- Structural shape. R. J. Harry. 1,933,429-30; Oct. 31.
- Structural shape turning machine. J. L. Skeehan. 1,916,025; June 27.
- Structural unit. D. H. Bitney. 1,900,327; Mar. 7.
- Structural unit. W. L. Goeltz. 1,911,018; May 23.
- Structural unit and assembly. D. H. Bitney. 1,896,279; Feb. 7.
- Structural unit and making same. C. M. Chapman. 1,897,238; Feb. 14.
- Structural unit for steel frame buildings and the like. R. E. McMillan. 1,938,491; Dec. 5.
- Structure and structural block. E. Dreyfus-Rose, said R. and V. R. Vaisset. 1,913,266; June 6.
- Structure for distribution of loose milk. C. Seidler. 1,935,893; Nov. 21.
- Structure of concrete and iron columns. B. Bauer. 1,914,065; June 13.
- Structures wholly made of rubber, Manufacture of. G. Venosta. 1,912,807; June 6.
- Strut, Collapsible. C. Greene. 1,916,882; July 4.
- Stubble breaker. E. C. Petsch. 1,915,615; June 27.
- Stud driver. C. I. Hess. 1,898,726; Feb. 21.
- Stud, Externally suspended gland. R. G. Carlson. 1,903,028; Mar. 28.
- Stud locking device, Screw. A. D'Halloy. 1,895,845; Jan. 31.
- Stud setting tool. R. A. Norling. 1,904,322; Apr. 18.
- Stud, Snap fastener. C. L. Knutson. 1,896,630; Feb. 7.
- Studding, Metal. T. D. Priddy. 1,906,096; Apr. 25.
- Studio technique, Method of. D. G. Shearer. 1,936,886; Nov. 28.
- Studs for wall or partition construction, Metal. G. H. Geraerds. 1,932,157; Oct. 24.
- Stuffing box. E. Mendenhall and J. B. Van Horn. 1,925,562; Sept. 5.
- Stuffing box. F. C. Rove. 1,904,631; Apr. 18.
- Stuffing box for blow pipes. L. A. Camerota. 1,926,034; Sept. 12.
- Stuffing box, Oil well. D. E. Norris. 1,930,982; Oct. 17.
- Stuffing device for concrete finishing machines. C. L. Low. 1,933,377; Oct. 31.
- Stylus for recording instruments. U. Kohler. 1,915,426; June 27.
- Styrol polymers, Making tough. O. H. Smith. 1,908,549; May 9.
- Styrols from alkyl benzol, Production of. W. A. Gibbons and O. H. Smith. 1,938,827; Dec. 12.
- Styrols, Making. O. H. Smith. 1,926,314; Sept. 12.
- Subaqueous system of artillery fire adjustment. E. B. Stephenson. 1,905,315; Apr. 25.

- Subassembly for electrical heaters. F. Kuhn and L. H. Thomas. 1,916,672; July 4.
- Subgrader. J. E. Harvey, Jr. 1,908,348; May 9.
- Subgrading machine. T. R. Regenhardt and C. Kassel. 1,920,319; Aug. 1.
- Submarine cable loading coil. O. E. Buckley. 1,924,106; Aug. 29.
- Submarine cable loading coil. J. J. Gilbert. 1,903,992; Apr. 18.
- Submarine craft. Indicating the position of. F. Mowe. 1,897,395; Feb. 14.
- Submarine mine control. P. R. Nelson. 1,901,185; Mar. 14.
- Submarine propulsion. L. Y. Spear, H. E. Grieshaber, and E. Nibbs. 1,920,280; Aug. 1.
- Submarine rescue device. P. Koumoutsakos. 1,918,405; July 18.
- Submarine salvage device. A. Furino. 1,912,271; May 30.
- Submarine salvager. J. and A. Reichert. 1,899,059; Feb. 28.
- Submarines, Escape for. A. Saeder. 1,933,187; Oct. 31.
- Submergible apparatus. A. E. Averrett. 1,941,335; Dec. 26.
- Submersible apparatus for the rescue of those entombed in sunken vessels. M. Pallisa. 1,917,850; July 11.
- Submersible motor. T. G. Myers. 1,941,313; Dec. 26.
- Substance for indicating the exhaustion of gas purifying masses and using the same. O. Neumann. 1,925,905; Sept. 5.
- Substances arresting blood coagulation and manufacture of same. H. Stenzl. 1,907,371; May 2.
- Substances from solutions thereof, Separating. K. Burroughs. 1,916,825; July 4.
- Substances in liquid state into drops, Dividing. G. Eckert. 1,938,219; Dec. 5.
- Substances with ultra-violet rays, Device suitable for the irradiation of. G. Zecher. 1,929,910; Oct. 10.
- Substation. E. Blomquist. 1,930,156; Oct. 10.
- Sucker rod. G. M. Eaton. 1,907,522; May 9.
- Sucker-rod elevator. E. E. Stevenson. 1,901,339; Mar. 14.
- Sucker rods, Apparatus for testing. A. M. Thomson. 1,896,114; Feb. 7.
- Sucking and compressing machine. G. Tamura. 1,898,153; Feb. 21.
- Suction apparatus. E. J. Sovatkin. 1,912,665; June 6.
- Suction box. C. H. R. Johnson. 1,940,594; Dec. 19.
- Suction cleaner. H. R. Ballou. 1,900,271; Mar. 7.
- Suction cleaner. B. C. Becker. 1,900,889; Mar. 7.
- Suction cleaner. E. Butzer. 1,894,343; Jan. 17.
- Suction cleaner. F. M. Case. 1,895,507; Jan. 31.
- Suction cleaner. H. S. Demaree. 1,907,642-3; May 9.
- Suction cleaner. H. G. Fairfax. 1,907,644; May 9.
- Suction cleaner. H. E. Hoover. 1,904,974; Apr. 18.
- Suction cleaner. H. E. Hoover. 1,928,937; Oct. 3.
- Suction cleaner. H. E. Hoover. 1,936,761; Nov. 28.
- Suction cleaner. W. H. Kitto. 1,900,887; Mar. 7.
- Suction cleaner. W. H. Kitto. 1,900,888; Mar. 7.
- Suction cleaner. W. H. Kitto. 1,918,400; July 18.
- Suction cleaner. W. H. Kitto. 1,921,033; Aug. 8.
- Suction cleaner. W. H. Kitto. 1,933,629; Nov. 7.
- Suction cleaner. J. H. Kohler. 1,940,954; Dec. 26.
- Suction cleaner. W. H. Mellen. 1,928,944; Oct. 3.
- Suction cleaner. W. V. Orr. 1,939,407; Dec. 12.
- Suction cleaner. L. W. Pardee. 1,907,861; May 9.
- Suction cleaner. W. D. Sellers. 1,900,890; Mar. 7.
- Suction cleaner. D. G. Smellie. 1,900,885; Mar. 7.
- Suction cleaner. D. G. Smellie. 1,900,886; Mar. 7.
- Suction cleaner. D. G. Smellie. 1,904,973; Apr. 18.
- Suction cleaner. D. G. Smellie. 1,907,886; May 9.
- Suction cleaner. D. G. Smellie. 1,908,069; May 9.
- Suction cleaner. D. G. Smellie, H. B. White, and M. E. Nulsen. 1,918,432; July 18.
- Suction cleaner. W. H. Tucker. 1,911,409; May 30.
- Suction cleaner. D. Van Maldegheem and W. J. Ollinger. 1,929,832; Oct. 10.
- Suction cleaner. H. L. Vine. 1,933,645; Nov. 7.
- Suction cleaner. H. B. White. 1,907,692; May 9.
- Suction cleaner. H. B. White. 1,918,360; July 18.
- Suction cleaner. H. B. White. 1,919,001; July 18.
- Suction cleaner. H. B. White. 1,925,354; Sept. 5.
- Suction cleaner. O. C. Willis. 1,904,972; Apr. 18.
- Suction cleaner. J. W. Wolfe. 1,913,183; June 6.
- Suction cleaner agitator. R. F. Blake. 1,918,712; Jan. 10.
- Suction cleaner. Electrically operated. D. B. Replogle. 1,912,886; June 6.
- Suction cleaner floor tool. F. Riebel, Jr., and D. M. Dow. 1,936,369; Nov. 21.
- Suction fan wheel. M. Weber. 1,933,947; Nov. 7.
- Suction foot for paper separating devices. E. H. Liljebblad. 1,929,361; Oct. 3.
- Suction machine. E. N. Rosenberg. 1,923,689; Aug. 22.
- Suction pump. H. Hueber and E. C. Horton. 1,937,150; Nov. 28.
- Suds, Apparatus for producing. L. L. Strasburger. 1,905,953; Apr. 25.
- Sugar and the like, Preliminary treatment of raw. J. Bergé. 1,901,142; Mar. 14.
- Sugar and the like, Refining. J. J. Naugle. 1,898,203; Feb. 21.
- Sugar cane mill. A. P. Leonard. 1,908,519; May 9.
- Sugar containing liquid, Apparatus for treating. A. Lima, Jr. 1,905,295; Apr. 25.
- Sugar dispenser. H. C. Gessler. 1,893,139; Jan. 3.
- Sugar dispenser. T. C. Sewell. 1,920,895; Aug. 1.
- Sugar dispenser, Automatic. H. V. Stanfield. 1,922,785; Aug. 15.
- Sugar from sugar juices, Extraction of. A. Meiro. 1,899,287; Feb. 28.
- Sugar juices, Purifying. J. P. Foster. 1,897,424; Feb. 14.
- Sugar, Making corn. C. Ebert. 1,936,157; Nov. 21.
- Sugar, Manufacture of. L. E. Gouner. 1,923,143; Aug. 22.
- Sugar measuring and serving device. J. Acosta. 1,916,819; July 4.
- Sugar sanding machine. M. M. Guggenheim. 1,910,536; May 23.
- Sugars and article produced thereby, Protecting granules of hygroscopic. W. J. Hale. 1,902,773; Mar. 21.
- Sugars and other granular or comminuted materials, Method and apparatus for drying and separating. J. J. and H. G. Neuman. 1,912,910; June 6.
- Sugars, Fermentation of. J. A. Viljoen. 1,911,411; May 30.
- Sugary substances, Embossing. F. A. Martoccio. 1,928,067; Sept. 26.
- Suit and similar sport garment, Bathing. J. P. En-traygues. 1,908,591; May 9.
- Suit, Bathing. A. Ferrari and S. W. Devers. 1,902,843; Mar. 28.
- Suit, Bathing. L. Just. 1,909,279; May 16.
- Suit, Bathing. R. Lorenz. 1,933,744; Nov. 7.
- Suit, Bathing. M. H. Powell. 1,897,619; Feb. 14.
- Suitcase, Wardrobe. N. Z. Butterick. 1,913,021; June 6.
- Suitcase, Wardrobe. E. E. Wilt. 1,897,353; Feb. 14.
- Suit, Crinkled rubber bathing. J. J. Galligan and W. J. Robinson. 1,911,227; May 30.
- Suit, Flying. F. G. Manson. 1,896,183; Feb. 7.
- Suit for chemical warfare, Impermeable. B. M. Thompson. 1,931,562; Oct. 24.
- Suit, Lady's. N. Fischmann. Des. 89,693; Apr. 25.
- Suit, Life preserver. M. Anderson. 1,901,859; Mar. 21.
- Suit, Life saving. D. Hornyak. 1,896,956; Feb. 7.
- Suit of the one-piece kind, Bathing. W. Daniel. 1,930,644; Oct. 17.
- Suit, One-piece bathing. T. La Maida. 1,894,920; Jan. 17.
- Suit, Slip-off bathing. R. De Felicis. 1,935,619; Nov. 21.
- Suit, Submarine rescue. C. Di Cara. 1,915,818; June 27.
- Suit, Sun. G. F. Earnshaw. 1,905,451; Apr. 25.
- Suit, Swimming. P. Bergh. 1,930,034; Oct. 10.
- Sulphate drier. J. van Ackeren. 1,936,866; Nov. 28.
- Sulphate of ammonia, Manufacture of. H. J. Hodsman and A. Taylor. 1,913,276; June 6.
- Sulphate of ammonia, Production of. W. G. Adam and D. G. Murdoch. 1,919,707; July 25.
- Sulphates, Production of. C. B. von Girssewald and E. Stahl. 1,918,355; July 18.
- Sulphide materials, Treating. S. I. Levy and W. S. Millar. 1,929,502; Oct. 10.
- Sulphite cellulose digestion. G. Haglund. 1,940,136; Dec. 19.
- Sulphite cellulose digestion, of removing turpentine and other volatile matters present in the chips, Process at the. G. Haglund. 1,922,160; Aug. 15.
- Sulphite liquor, Treating waste. G. C. Howard. 1,924,361; Aug. 29.
- Sulphites, Manufacture of. J. D. Butler. 1,937,944; Dec. 5.
- Sulphoacids, Preparation of aliphatic. H. Bertsch. 1,923,608; Aug. 22.
- Sulphochlorides, Aromatic amino. H. Schweitzer, W. Hentrich, and K. Burr. 1,911,719; May 30.
- Sulphonated derivatives of acylated aromatic amino compounds. R. Wrenshall. 1,926,506; Sept. 12.
- Sulphonated products, Making. H. Kantorowicz and A. Kohler. 1,904,791; Apr. 18.
- Sulphonated products, Production of. M. Luther. 1,908,376; May 9.
- Sulphonates of the diarylamine series, Hydrazine. A. Zitscher, W. Seidenfaden, and K. Jellinek. 1,932,152; Oct. 24.
- Sulphonic compounds formed in the acid refining of mineral oils, Recovering the oil-soluble. G. Voort. 1,901,383; Mar. 14.
- Sulphur and halogens in combustible substances, Apparatus for the determination of. W. Grote and H. Krekeler. 1,931,895; Oct. 24.
- Sulphur and iron oxide, Recovery of. R. F. Bacon and H. T. Hotchkiss, Jr. 1,917,789; July 11.
- Sulphur, Apparatus for burning. L. Gillett. 1,921,289; Aug. 8.
- Sulphur arsenic compounds, Condensation of. N. E. Lennander. 1,917,725; July 11.
- Sulphur-bearing ores, Treating. D. W. Bowers. 1,918,178; July 11.
- Sulphur black and preparation of the same. G. Barnhart. 1,898,076; Feb. 21.
- Sulphur burner. I. Bencowitz. 1,917,692; July 11.
- Sulphur chloride reaction product. W. S. Calcott and A. S. Carter. 1,896,157; Feb. 7.
- Sulphur, Colloidal, hydrophilic. H. C. Young. 1,917,351; July 11.
- Sulphur compounds from crude hydrocarbons, Removal of. F. W. Guthke. 1,932,369; Oct. 24.
- Sulphur compounds from gas mixtures, Removing. E. B. Miller and G. C. Connolly. 1,895,724; Jan. 31.
- Sulphur compounds from gases, Removal of. K. Braus. 1,916,824; July 4.

- Sulphur-containing products of the acid hydrolysis of keratin and keratin substances. Manufacture and separation of. E. Sturm. 1,921,398; Aug. 8.
- Sulphur dioxide and the like from liquid hydrocarbons, Separating. P. Jodeck. 1,910,341; May 23.
- Sulphur dioxide, Apparatus for preparing. B. W. Nordlander. 1,904,513; Apr. 18.
- Sulphur dioxide from gases, Recovery of. A. M. Clark. 1,908,731; May 16.
- Sulphur dioxide, Method and apparatus for preparing. B. W. Nordlander. 1,904,512; Apr. 18.
- Sulphur dioxide, Obtaining concentrated. W. Wettstein. 1,893,385; Jan. 3.
- Sulphur dioxide process. R. L. Hasche. 1,939,694; Dec. 19.
- Sulphur dioxide, Production of. I. Bencowitz. 1,917,693; July 11.
- Sulphur dioxide, Production of. H. Dohse. 1,896,483; Feb. 7.
- Sulphur from cellulose acetate, Removing combined. C. Dreyfus and G. Schneider. 1,903,961; Apr. 18.
- Sulphur from crude materials containing sulphur in an interrupted operation, Producing pure. K. von Szombathy. 1,936,959; Nov. 28.
- Sulphur from gas purifying materials, Recovery of. H. Bollman and W. Engelmann. 1,925,027; Aug. 29.
- Sulphur from gaseous sulphur compounds, Production of elemental. N. E. Lenander. 1,904,483; Apr. 18.
- Sulphur from gases or vapors, Collection of. A. M. Clark. 1,905,901; Apr. 25.
- Sulphur from hydrocarbon oils, Removing corrosive. R. K. Stratford and W. P. Dooan. 1,904,173; Apr. 18.
- Sulphur from roaster gases, Recovery of. R. F. Bacon. 1,934,474; Nov. 7.
- Sulphur from sulphide minerals, Recovering. N. E. Lenander. 1,904,481; Apr. 18.
- Sulphur from sulphides, Production of. R. F. Bacon. 1,897,921; Feb. 14.
- Sulphur from sulphur dioxide, Production of. D. Tyrer. 1,908,873; May 16.
- Sulphur, Manufacturing insoluble. A. J. Gracia. 1,923,723; Aug. 22.
- Sulphur, Method and apparatus for volatilizing. G. Rupprecht. 1,919,307; July 25.
- Sulphur, Miscible. A. Nagelvoort. 1,939,403; Dec. 12.
- Sulphur-oil compositions, Purification of. P. O. Powers. 1,926,648; Sept. 12.
- Sulphur product, Parasiticial. A. S. McDaniel. 1,934,989; Nov. 14.
- Sulphur, Production of. H. F. Merriam. 1,919,342; July 25.
- Sulphur, Production of. D. Tyrer. 1,936,809; Nov. 28.
- Sulphur, Production of elemental. N. E. Lenander. 1,904,482; Apr. 18.
- Sulphur, Purification of. F. Winkler, F. Giller and H. Dorsch. 1,926,829; Sept. 12.
- Sulphur, Recovering. O. C. Ralston and K. M. Baum. 1,892,999; Jan. 3.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,904,603; Apr. 18.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,917,224; July 11.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,917,226-7; July 11.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,917,234-5; July 11.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,917,685-6; July 11.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,928,406; Sept. 26.
- Sulphur, Recovery of. R. F. Bacon and I. Bencowitz. 1,939,033; Dec. 12.
- Sulphur, Recovery of. R. F. Bacon and R. Fanelli. 1,917,225; July 11.
- Sulphur, Recovery of. R. F. Bacon and R. Fanelli. 1,917,230-1; July 11.
- Sulphur, Recovery of. R. F. Bacon and R. Fanelli. 1,917,787-8; July 11.
- Sulphur, Recovery of. R. F. Bacon and H. T. Hotchkiss, jr. 1,917,232; July 11.
- Sulphur, Recovery of. R. F. Bacon and H. T. Hotchkiss, jr. 1,917,687; July 11.
- Sulphur, Recovery of. K. M. Baum. 1,917,688-9; July 11.
- Sulphur, Removing arsenic and chloride from. S. I. Levy. 1,904,484; Apr. 18.
- Sulphur trioxide, Making. A. P. Beardsley and N. A. Laury. 1,941,426-7; Dec. 26.
- Sulphuric anhydride compounds of pyridine, Production of. R. S. Barnes, J. E. G. Harris, and J. Thomas. 1,921,497; Aug. 8.
- Sulphuric ester of glycol ethers. H. Ulrich and K. Saurwein. 1,897,741; Feb. 14.
- Sulphurized derivatives of phenols, Manufacture of non-deicing. H. Leemann and V. Kartaschoff. 1,928,257; Sept. 26.
- Sump water level control. F. B. Allen. 1,911,737; May 30.
- Sundial. F. Loria. 1,900,117; Mar. 7.
- Sunshade. M. C. Du Bois. 1,911,817; May 30.
- Sunshade and headrest, Combined. D. P. Moore. 1,921,984; Aug. 8.
- Supercharger. H. C. Edwards. 1,927,563; Sept. 19.
- Supercharger. D. Gregg. 1,917,444; July 11.
- Supercharger. G. R. Poyer. 1,900,200; Mar. 7.
- Supercharger control. W. L. McGrath and D. Gregg. 1,933,990; Nov. 7.
- Supercharger for carburetors. J. H. Borthwick. 1,922,469; Aug. 15.
- Supercharger for internal combustion engines. G. S. Osterberg. 1,914,382; June 20.
- Supercharging of internal combustion engines. A. Hall-Brown. 1,930,198; Oct. 10.
- Superheater. W. H. Armacost. 1,931,639; Oct. 24.
- Superheater. A. Droth and C. Volland. 1,896,294; Feb. 7.
- Superheater. M. Hard. 1,941,260; Dec. 26.
- Superheater. A. Huet. 1,924,932; Aug. 29.
- Superheater. A. Huet. 1,933,699; Dec. 12.
- Superheater. D. S. Jacobus. 1,920,198; Aug. 1.
- Superheater. W. A. Jones. 1,927,094; Sept. 19.
- Superheater. J. A. McGrew. 1,918,654; July 18.
- Superheater. H. B. Oatley. 1,905,739; Apr. 25.
- Superheater. H. Peperkorn, F. Wempe, and O. H. Hartmann. 1,929,514; Oct. 10.
- Superheater. K. F. Wagner. 1,935,068; Nov. 14.
- Superheater arrangement for cylindrical shell boilers. W. H. Armacost. 1,903,970; Apr. 18.
- Superheater arrangement in water-tube boiler. C. A. Hulsart. 1,934,714; Nov. 14.
- Superheater attachment for internal combustion engines. W. E. De Weese. 1,936,472; Nov. 21.
- Superheater boiler. J. A. Barnes. 1,896,275; Feb. 7.
- Superheater boiler. D. S. Jacobus and W. A. Jones. 1,936,600; Nov. 28.
- Superheater boiler. W. F. Keenan, jr. 1,934,072; Nov. 7.
- Superheater, Composite. C. W. Gordon. 1,933,695; Dec. 12.
- Superheater for high pressure boilers. T. Fischer. 1,924,918; Aug. 29.
- Superheater for water tube boilers. H. J. Kerr and W. A. Jones. 1,940,805; Dec. 26.
- Superheater for water tube boilers, Interdeck. D. S. Jacobus and J. E. Black. 1,905,292; Apr. 25.
- Superheater, Steam. H. E. Geer. 1,935,049; Nov. 14.
- Superheater with temperature control. D. S. Carter. 1,941,246; Dec. 26.
- Superheterodyne receiver. W. S. Barden. 1,912,059; May 30.
- Superheterodyne receiver. K. Posthumus and T. J. Weyers. 1,930,691; Oct. 17.
- Superheterodyne receiving system. L. Levy. 1,893,779; Jan. 10.
- Superpressure overhead valve engine. F. A. Bullington. 1,922,353; Aug. 15.
- Superregenerative receiver. C. A. Gunther. 1,917,113; July 4.
- Superregenerative receiver. L. Tonka. 1,915,076; June 20.
- Superregenerative receiver. R. Urtel. 1,931,950; Oct. 24.
- Superregenerative receiver, Portable. W. V. Roberts. 1,907,874; May 9.
- Supershock absorption. R. B. Martin. 1,902,714; Mar. 21.
- Supervisory device for telegraph apparatus. E. Liesk and W. Kruse. 1,902,964; Mar. 28.
- Supervisory system. W. Brückel and R. Köberich. 1,913,188; June 6.
- Supply-holder. E. R. Swanson. 1,895,215; Jan. 24.
- Supply mechanism. J. C. Barnes. 1,924,731; Aug. 29.
- Supply mechanism. T. D. Lane. 1,940,217; Dec. 19.
- Support: See—
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| Abdominal support. | Diaphragm and coil support. |
| Adjustable support. | Diaphragm support. |
| Aerial support. | Draft gear support. |
| Anode support. | Duct support. |
| Arch support. | Electric fixture support. |
| Automatic equalizing support. | Electric fuse plug support. |
| Awning support. | Electrode support. |
| Baffle support. | Fire extinguisher support. |
| Bathtub support. | Fishing rod support. |
| Battery support. | Fixture and canopy support. |
| Bearing support. | Fixture support. |
| Bicycle basket support. | Flexible support. |
| Binder support. | Flowerpot support. |
| Boat davit support. | Flower support. |
| Book support. | Folding roller support. |
| Box lid support. | Folding support. |
| Box support. | Food mixer support. |
| Brake beam support. | Foot arch support. |
| Brake rod support. | Foot instep support. |
| Cable support. | Foot support. |
| Camera support. | Fuse support. |
| Candy support. | Game net support. |
| Canopy support. | Garment support. |
| Ceiling canopy support. | Gas Producer fuel support. |
| Chassis support. | Golf bag support. |
| Checker support. | Grate support. |
| Christmas tree support. | Guard support. |
| Clothesline support. | Gun support. |
| Collar support. | Handle support. |
| Condenser support. | Hanger support. |
| Conductor and ground wire support. | Header support. |
| Conductor support. | Hearing device support. |
| Connector support. | Insulator support. |
| Current collector support. | Laboratory support. |
| Curtain support. | Lamp support. |
| Cushion support. | Lever support. |
| Deck support. | Light support. |

Support: See—

Lighting fixture support. Roof support.
Lingerie support. Saddle support.
Machine bed plate support. Seat-back support.
Machine support. Self-righting support.
Mantle support. Semitrailer and auxiliary.
Meat support. Shade roller support.
Meter and switch mount- Shade support.
ing support. Shaft support.
Mirror support. Shelf support.
Motor support. Shoe shank support.
Necktie support. Shoe support.
Nozzle support. Spring and bearing support.
Open hearth support. Spring support.
Outlet box support. Table leg support.
Paper roll support. Tank support.
Parting strip support. Tool support.
Pen support. Tray support.
Pipe support. Tree support.
Plant support. Trolley support.
Plastering support. Tub support.
Post bearing support. Tube support.
Poster support. Typewriter support.
Radiator support. Vehicle support.
Rail support. Wheel support.
Receptacle support. Work support.
Reel and bag support. Wreath support.
Resilient support.

Support. H. Balch. 1,898,865; Feb. 21.
Support. W. G. Christie. 1,906,369; May 2.
Support. J. W. Cosgrove. 1,911,437; May 30.
Support. H. B. G. Galt. 1,916,612; July 4.
Support. N. J. Garfunkel. 1,927,635; Sept. 19.
Support. L. M. Richard. 1,925,500; Sept. 5.
Support. C. C. Weidemann. 1,941,373; Dec. 26.
Support. J. K. Wood. 1,937,135; Nov. 28.
Support and adjustment for speaking movie sound lens combination. A. Dina. 1,929,627; Oct. 10.
Support and holder. W. K. Lippert. 1,906,911; May 2.
Support and holder for brooms, mops, and the like. O. P. Wolfe, jr. 1,911,781; May 30.
Support and making same, Mirror. E. C. Horton. 1,893,472; Jan. 3.
Support and package for dispensing tie-strings. C. J. Lippold. 1,929,873; Oct. 10.
Support and stretching mechanism for motion picture screens. J. P. Hansen. 1,901,963; Mar. 21.
Support and tie element, Combined reinforce. D. H. Bitney. 1,908,105; May 9.
Support construction. A. F. O'Connor. 1,899,980; Mar. 7.
Support for accordions. P. DeLuca. 1,895,705; Jan. 31.
Support for an automatic connector. J. M. Brill. 1,896,349; Feb. 7.
Support for automobile engines, Yielding. C. W. Coseboom. 1,914,079; June 13.
Support for automobile hoods. K. D. Storch. 1,917,074; July 4.
Support for brake beams, Safety. J. A. Shafer. 1,923,120; Aug. 22.
Support for clearer rolls. J. A. Andrews. 1,904,344; Apr. 18.
Support for combination bridge lamps, bird cages, and the like. A. Krajnc. 1,933,673; Nov. 7.
Support for combine harvesting unit, Tilting. W. H. Worthington. 1,910,272; May 23.
Support for concrete reinforcement and joints. W. L. Whitman, 2d. 1,926,323; Sept. 12.
Support for culinary appliances. O. M. Anderson. Des. 90,276; July 11.
Support for culinary appliances. F. W. Juengst and O. M. Anderson. 1,918,186; July 11.
Support for curtains and other light articles. E. H. J. O'Halloran. 1,924,074; Aug. 22.
Support for domestic hot water boiler, Adjustable. J. F. Arthur. 1,931,714; Oct. 24.
Support for ducts. L. A. Sharp and J. M. G. Fullman. 1,908,067; May 9.
Support for electric motors, Resilient. L. M. Persons. 1,900,128; Mar. 7.
Support for electric sockets, Adjustable. M. Guett. 1,916,048; June 27.
Support for electrical fixtures and the like. E. T. Eastman. 1,927,515; Sept. 19.
Support for electrodes in vacuum vessels. R. G. Berthold and W. Stockmeyer. 1,904,119; Apr. 18.
Support for filament assemblies. C. Depew. 1,927,084; Sept. 19.
Support for flower pots. R. S. Bach. Des. 90,966; Nov. 7.
Support for furniture. D. Roe. 1,912,723; June 6.
Support for garments. W. P. Vanace. 1,939,327; Dec. 12.
Support for human bodies. A. A. Everson. 1,934,918; Nov. 14.
Support for ironing boards, table tops, and the like. M. Racine. 1,912,541; June 6.
Support for lawn sprinkler. H. P. Troendly. Des. 90,180-1; June 20.
Support for metal working machines, Traversing. H. E. Morton. 1,920,476; Aug. 1.
Support for millinery. P. L. Lazarus. 1,928,292; Sept. 26.
Support for mirrors. O. C. Ritz Woller. 1,932,483; Oct. 31.
Support for motion picture projection machines, Film gate. L. S. Frappier and E. Boecking. 1,906,053; Apr. 25.

Support for motor vehicles, boats, walls, etc., Lubricating can. B. N. Pierce. 1,929,562; Oct. 10.
Support for parasitic growths. P. W. Leffland. 1,904,287; Apr. 18.
Support for photo-electric cell exciter, Resilient. W. H. Bauch. 1,904,038; Apr. 18.
Support for picker sticks. P. Lambert. 1,932,316; Oct. 24.
Support for printing plates and the like. J. F. Mander-nack. 1,907,846; May 9.
Support for reading matter, Table. I. L. Moore. 1,900,251; Mar. 7.
Support for recording devices. N. L. Greene. 1,906,576; May 2.
Support for reflecting members. A. D. Eitzen. 1,914,560; June 20.
Support for rolled goods. H. Elliott. 1,894,166; Jan. 10.
Support for serving trays. F. F. Ravlin. 1,899,480; Feb. 28.
Support for shade rollers and curtain and drapery rods. D. Firestone. 1,903,728; Apr. 11.
Support for shirt collars. J. J. O'Shea. 1,941,185; Dec. 26.
Support for shower bath curtain rods. J. E. Gerard. 1,935,553; Nov. 14.
Support for stacked articles. H. Carew. 1,922,122; Aug. 15.
Support for tables, chairs, etc., Collapsible. W. Garman. 1,921,026; Aug. 8.
Support for telephone head-sets. F. D. Vartanian. 1,903,565; Apr. 11.
Support for Venetian blind head rails, Universal center. W. W. Zing. 1,917,416; July 11.
Support for Venetian blind tilt rails, Intermediate. F. J. Burns. 1,894,216; Jan. 10.
Support for wearing apparel. W. R. Kahns. 1,926,201; Sept. 12.
Support for window shades and curtains, Adjustable. F. A. Lovrich. 1,936,945; Nov. 28.
Support for X-ray cassettes, Adjustable. H. F. Fox. 1,908,186; May 9.
Support of record table, Nonvibratory. R. C. Burt. 1,917,633; July 11.
Support or holder for wardrobe trunks. J. M. Beard. 1,926,134; Sept. 12.
Supporter: See—
Garment supporter.
Supporter, Adjustable garment. H. Q. Moore. 1,920,876; Aug. 1.
Supporter and clasp, Elastic. J. F. Pinto. 1,894,541; Jan. 17.
Supporter, Athletic. C. K. Lane. 1,920,648; Aug. 1.
Supporter, Calf-ankle sock. L. Woods. 1,908,721; May 16.
Supporter, Garment. J. J. Farrell. 1,929,840; Oct. 10.
Supporter, Hose. G. L. Baker and A. B. Oberg. 1,924,478; Aug. 29.
Supporter, Hose. B. H. White. 1,921,851; Aug. 8.
Supporter, Sock. A. H. McDonald. 1,916,009; June 27.
Supporter, Stocking. N. D. Levin. 1,919,299; July 25.
Supporting a separating hopper as applied to portable mills. E. L. Martin. 1,900,354; Mar. 7.
Supporting animals, Device for. E. F. and M. A. Curtis. 1,912,514; June 6.
Supporting attachment for saxophones. C. G. Myers. 1,932,800; Oct. 31.
Supporting bearing, Combined end thrust and self-aligning. N. Skillman. 1,904,770; Apr. 18.
Supporting bearing, Combined end thrust and self-aligning. N. Skillman and J. P. Lavigne. 1,931,998; Oct. 24.
Supporting-block for store-front construction. F. and I. Himmel. 1,911,620; May 30.
Supporting bracket. F. Miadowicz. 1,918,120; July 11.
Supporting construction for regenerator brick. A. J. Hulse. 1,933,114; Oct. 31.
Supporting device. W. H. Armstrong. 1,908,299; May 9.
Supporting device. E. A. Bescherer. 1,901,947; Mar. 21.
Supporting device. R. W. Cook. 1,935,312; Nov. 14.
Supporting device. C. E. Hildebrand. 1,896,898; Feb. 7.
Supporting device. I. C. Shafer, jr. 1,939,086; Dec. 12.
Supporting device. C. T. Siebs. 1,920,219; Aug. 1.
Supporting device. N. Stramaglia. 1,911,294; May 30.
Supporting device. G. Subick. 1,926,636; Sept. 12.
Supporting device. T. J. Taylor. 1,936,529; Nov. 21.
Supporting device, Adjustable. O. C. Teufel. 1,892,687; Jan. 3.
Supporting device for bodies on water, Stabilizing. S. Feir. 1,909,259; May 16.
Supporting device for electric outlet boxes. L. Barnett. 1,910,231; May 23.
Supporting device for knives and the like. F. W. Bleckley. 1,894,974; Jan. 24.
Supporting device for radio apparatus. K. L. Henderson. 1,898,835; Feb. 21.
Supporting element for confections. B. L. York. 1,895,697; Jan. 31.
Supporting foot. C. W. Brawley. 1,911,010; May 23.
Supporting gear, Retractable. J. F. Macourek. 1,921,420; Aug. 8.
Supporting means. O. U. Zerk. 1,894,457; Jan. 17.
Supporting means for aircraft sustaining rotors. R. W. Morse. 1,923,110; Aug. 22.

- Supporting means for artificial silk. F. Paschke and P. Franzen. 1,924,749; Aug. 29.
- Supporting means for car doors. W. A. Beauchamp. 1,933,090; Oct. 31.
- Supporting means for car doors. E. J. Fehr, C. Lute, and K. J. Tobin. 1,915,159; June 20.
- Supporting means for curtains, Overdrape. G. W. Dover. 1,907,151; May 2.
- Supporting means for doors. K. J. Tobin. 1,934,285; Nov. 7.
- Supporting means for doors. D. E. Willard. 1,899,175; Feb. 28.
- Supporting means for insulating materials. W. C. Randall. 1,937,843; Dec. 5.
- Supporting means for reflectors and like devices. V. L. Oestnaes and R. W. Luce. 1,922,819; Aug. 15.
- Supporting means for trousers and the like. F. J. C. Smith. 1,902,895; Mar. 28.
- Supporting means, Yielding. J. W. Vedder. 1,908,579; May 9.
- Supporting mechanism for lamps, Adjustable. W. N. de Sherbinin. 1,893,071; Jan. 3.
- Supporting plane for aircraft. J. F. Ziegler. 1,915,481; June 27.
- Supporting power for aircraft, Obtaining. F. Waap. 1,937,212; Nov. 28.
- Supporting structure. E. C. Harter. 1,894,742-3; Jan. 17.
- Supporting structure for the casing of a motion picture projection screen. O. Wittel. 1,905,543; Apr. 25.
- Supporting surface for aircraft. H. K. Binks. 1,930,380; Oct. 10.
- Supports, Making foot. J. H. Smith. 1,914,049; June 13.
- Suppository, Anal. M. Yamaguchi. 1,915,176; June 20.
- Sure-footing appliance for vehicle floor compartments, Detachable. B. F. Jensen. 1,895,162; Jan. 24.
- Surface and producing same, Finished. C. E. Fawkes. 1,918,692; July 18.
- Surface coating apparatus. R. A. Moore. 1,934,552; Nov. 7.
- Surface condenser. T. Tinker and H. M. Graham. 1,935,864; Nov. 21.
- Surface conditioning machine. O. Weidrich. 1,904,893; Apr. 18.
- Surface cooler. F. G. Cornell, Jr. 1,912,432; June 6.
- Surface covering. W. Freegang. 1,929,165; Oct. 3.
- Surface covering, Ornamental hard. H. S. Humphreys. 1,929,277; Oct. 3.
- Surface decorating machine. G. von Webern and E. W. Hamant. 1,900,030; Mar. 7.
- Surface finishing. R. H. Price. 1,908,180; May 9.
- Surface machine. N. Degen. 1,920,364; Aug. 1.
- Surface of plates, Reproducing the. H. B. Scott and C. C. Conley. 1,930,826; Oct. 17.
- Surface ornamentation. L. J. Mitchell. 1,955,213; Nov. 14.
- Surface ornamentation and producing same. J. J. Weber. 1,899,488; Feb. 28.
- Surface ornamenting composition and preparing and applying the same. H. E. Mattin. 1,922,548; Aug. 15.
- Surface testing apparatus. G. G. Sward. 1,935,752; Nov. 21.
- Surface treating apparatus. B. W. Timoney. 1,907,411; May 2.
- Surface treating device. W. Wilson. 1,925,019; Aug. 29.
- Surface treating machine. Anders Eriksson-Jons. 1,915,495; June 27.
- Surface treatment of sheet materials. E. P. Walker, W. E. Wray, and J. B. Walker. 1,927,476; Sept. 19.
- Surfaces and making same, Diffusely reflecting. H. D. North. 1,926,732; Sept. 12.
- Surfaces, Apparatus for coating. J. E. String. 1,936,997; Nov. 28.
- Surfaces, Apparatus for heating. G. H. Lutz. 1,899,704; Feb. 28.
- Surfaces, Marking. J. L. Moore. 1,895,045; Jan. 24.
- Surfaces of frames and the like, Apparatus for decorating inside. L. V. Casto and G. von Webern. 1,908,011; May 9.
- Surfaces of materials composed in part of vegetable fibers, Finishing. C. P. and R. M. Leyner. 1,929,117; Oct. 3.
- Surfaces of refrigerators from sulphur compounds, Protecting metallic. I. Kitée. 1,896,141; Feb. 7.
- Surfaces, Soldering together cylindrical. P. Hogan. 1,920,791; Aug. 1.
- Surfaces with rubber material, Coating solid. D. F. Twiss and F. A. Jones. 1,915,808; June 27.
- Surfacing. H. R. Stratford. 1,900,313; Mar. 7.
- Surfacing and polishing. F. Betrancourt. 1,928,196; Sept. 26.
- Surfacing apparatus. P. J. M. Escole. 1,932,305; Oct. 24.
- Surfacing board and article therefor. W. A. Darrah. 1,892,873; Jan. 3.
- Surfacing machine. A. E. Maynard. 1,893,955; Jan. 10.
- Surfacing machine. W. H. Wineman. 1,924,582; Aug. 29.
- Surfacing machine, Light-weight. H. L. Myers. 1,934,814; Nov. 14.
- Surfacing machine, Planetary type. H. L. Myers. 1,919,389; July 25.
- Surfacing machine, Planetary type. H. L. Myers. 1,928,390; Sept. 26.
- Surfacing material and forming same. J. C. Pegram. 1,925,460; Sept. 5.
- Surfacing material and preparing same. Z. C. Loebel. 1,923,835; Aug. 22.
- Surfacing tool. H. E. Tautz. 1,906,190; Apr. 25.
- Surfacing unit. A. C. Fischer. 1,907,417; May 2.
- Surfing apparatus or aquaplane, Motor propelled. C. O. Johnson. 1,893,994; Jan. 10.
- Surge pressure controlling means. C. V. Foulds. Re18,969; Oct. 17.
- Surgical apparatus. M. A. L. Bordier. 1,913,229; June 6.
- Surgical appliance. R. P. and O. J. Dayton. 1,940,904; Dec. 26.
- Surgical appliance. M. C. Hanafin and C. M. Allen. 1,937,566; Dec. 5.
- Surgical bandaging. E. Sander. 1,920,808; Aug. 1.
- Surgical chisel holding and driving implement. W. F. Barry. 1,934,962; Nov. 14.
- Surgical device. J. B. Bacon. 1,918,890; July 18.
- Surgical dressing and making same. C. Q. Reynolds. 1,911,291; May 30.
- Surgical dressing, Packaging. W. J. Metts. 1,899,625; Feb. 28.
- Surgical electrode. F. C. Wappler. 1,930,214; Oct. 10.
- Surgical extension attachment. H. H. Leiter. 1,898,781; Feb. 21.
- Surgical instrument. C. L. Budde. 1,908,403; May 9.
- Surgical instrument. A. W. Gardner. 1,940,122; Dec. 19.
- Surgical instrument. L. D. Green. 1,905,851; Apr. 25.
- Surgical instrument. L. G. Howard. 1,940,351; Dec. 19.
- Surgical instrument. R. J. Page. 1,907,200; May 2.
- Surgical instrument. E. C. Pilgrim. 1,902,418; Mar. 21.
- Surgical instrument. G. F. Richter. 1,934,818; Nov. 14.
- Surgical instrument. I. Wills. 1,934,900; Nov. 14.
- Surgical instrument, Combination. A. Hall and L. Diamond. Des. 90,579; Aug. 29.
- Surgical leg-stretching device. L. Heigl. 1,904,942; Apr. 18.
- Surgical light. J. S. McRea. 1,927,181; Sept. 19.
- Surgical operating support. L. L. Gilbert. 1,894,739; Jan. 17.
- Surgical plaster package. O. C. Schulz. 1,924,810; Aug. 29.
- Surgical splint. C. P. Jones. 1,939,779; Dec. 19.
- Surgical table. W. Suter. 1,909,237; May 16.
- Survey instrument, Well. N. Johnston. 1,928,970; Oct. 3.
- Surveying device, Bore-hole. P. Jones. 1,919,332; July 25.
- Surveying instrument. A. F. Bumpus. 1,922,791; Aug. 15.
- Surveying instrument, Oil well. W. M. Smith and K. W. Haley. 1,905,573; Apr. 25.
- Surveying instrument, Well. G. C. Kuffell. 1,928,969; Oct. 3.
- Suspended particles from gases, Apparatus for separating. G. H. Horne and M. A. Lissman. 1,930,806; Oct. 17.
- Suspender adjusting device. J. M. Clark. 1,908,405; May 9.
- Suspender assembling tool. L. W. Joyce. 1,895,836; Jan. 31.
- Suspender attachment, Invisible. C. F. Schulz. 1,919,045; July 18.
- Suspender, Self adjusting. H. J. Block. 1,897,296; Feb. 14.
- Suspender slide. L. W. Joyce. 1,910,797; May 23.
- Suspender slide with bars flattened and embossed across weld. L. W. Joyce. 1,905,939; Apr. 25.
- Suspenders. C. G. Arnold. 1,906,732; May 2.
- Suspenders. E. S. Mix and F. E. Johnson. 1,926,750-51; Sept. 12.
- Suspenders. L. Schullerman. 1,902,342; Mar. 21.
- Suspenders and slides, Assembling. L. W. Joyce. 1,921,826; Aug. 8.
- Suspenders, Leather. L. W. Shields. Des. 90,782; Sept. 26.
- Suspending device. M. Kiessling. 1,914,951; June 20.
- Suspension device. R. C. P. Webster. 1,908,200; May 9.
- Suspension device, Anti-rolling pneumatic. J. Mercier. 1,914,814; June 20.
- Suspension device for equalizing the strain on elevator cables. W. P. Frost. 1,902,161; Mar. 21.
- Suspension device for vehicles, Compensated. G. Rondier. 1,928,545; Sept. 26.
- Suspension device, Pneumatic. A. E. Forsyth. 1,915,304; June 27.
- Suspension for drawers and analogous devices. V. A. Gronberg and J. R. Jones. 1,910,208; May 23.
- Suspension for multiwheel vehicles, Flexible. A. I. Marcum. 1,928,860; Oct. 3.
- Suspension for vehicles. A. Dubonnet. Re18,885; July 4.
- Suspension hanger. W. M. Brock. 1,903,024; Mar. 28.
- Suspension means for guy strain insulators. M. F. H. Gouverneur. 1,913,305; June 6.
- Suspension means for heat control valves. F. F. Kishline. 1,927,550; Sept. 19.
- Suspension means for motor-vehicle engines or gear boxes. P. Riley. 1,918,490; July 18.
- Suspension mechanism. M. R. Wolfard. 1,907,927; May 9.
- Suspension or gripping device, Detachable. A. B. Steele and J. Lines. 1,894,895; Jan. 17.
- Suspension spring. P. Carteret. 1,902,394; Mar. 21.
- Suspension spring. K. Werner. 1,894,839; Jan. 17.
- Suspension system for vehicles. G. L. R. J. Messier. 1,906,479; May 2.

- Suspension system, Hydropneumatic. H. L. Hirschler. 1,934,764; Nov. 14.
- Suspension, Vehicle. W. Noble. 1,919,033; July 18.
- Suspensions, Method and apparatus for treatment of. M. Luthy. 1,939,178; Dec. 12.
- Sustaining and control surface. E. F. Zaparka. 1,927,538; Sept. 19.
- Suture container and spool. G. M. Randall. 1,914,836; June 20.
- Suturing and ligating instrument. C. B. Nagelmann. 1,933,024; Oct. 31.
- Swab. A. L. Hair. 1,938,383; Dec. 5.
- Swab. L. P. Hamilton. 1,927,740; Sept. 19.
- Swab body, Flexible. C. S. Crickmer. 1,898,292; Feb. 21.
- Swab for cleaning dish pans, etc. F. J. Curran. 1,927,868; Sept. 26.
- Swab plunger. N. H. Ricker. 1,905,058; Apr. 25.
- Swab plunger for pneumatically operated pumps. S. Evans. 1,932,453; Oct. 31.
- Swab plunger, Pneumatic. N. H. Ricker. 1,922,396; Aug. 15.
- Swab plunger, Pneumatically operated. E. K. Watters. 1,932,495; Oct. 31.
- Swabs, Apparatus for manufacturing medical. E. C. Bunnell and L. W. Barnes. 1,921,604; Aug. 8.
- Swaged tip for mechanical pencil. W. H. Lindemon and M. G. Lammers. 1,920,409; Aug. 1.
- Swaging. N. D. Abbey. 1,928,921; Oct. 3.
- Swatches exhibit. G. McKibbin. 1,912,492; June 6.
- Swatter and the like, Fly. J. L. Bennett. 1,913,228; June 6.
- Swatter, Fly. S. G. Monroe and F. Shepard. Des. 90,590; Aug. 29.
- Sweatband structure, Waterproof. H. A. Phillips. 1,895,861-2; Jan. 31.
- Sweater. V. Gantner. Des. 88,954; Jan. 10.
- Sweater. S. Sheindelmann. 1,901,537; Mar. 14.
- Sweater, Knit. R. J. Levy. Des. 89,019; Jan. 10.
- Sweater or similar article. S. Sheindelmann. Des. 89,316-18; Feb. 21.
- Sweater or similar article. S. Sheindelmann. Des. 89,514-20; Mar. 21.
- Swedge, Combination. E. F. Raymond. 1,930,825; Oct. 17.
- Sweat welding outlet. J. H. Taylor. 1,911,654; May 30.
- Sweeper, Carpet. F. W. Pullen. Des. 89,975; May 23.
- Sweeper, Carpet. F. W. Pullen. 1,920,889; Aug. 1.
- Sweeper, Street. G. B. Weaver and W. J. Knaut. 1,922,338; Aug. 15.
- Sweeping machine. E. D. Parker. 1,892,961; Jan. 3.
- Sweeping machine. O. F. Presbrey. 1,904,881; Apr. 18.
- Sweeping machine, Street. C. H. Ray. 1,906,766; May 2.
- Sweetpotato-vine cutter. L. L. Keefe. 1,937,428; Nov. 28.
- Swift for the winding of hanks of silk, cotton, or other yarns of different diameters, Extensible. A. Gubelmann. 1,920,556; Aug. 1.
- Swimming appliance. A. Kask. 1,894,874; Jan. 17.
- Swimming appliance. A. N. Phillips, jr. 1,932,708; Oct. 31.
- Swimming appliance. W. F. Richmond. 1,908,184; May 9.
- Swimming appliance with flap drive. H. W. Hofius. 1,918,185; July 11.
- Swimming device. A. J. Szumkowski. 1,917,613; July 11.
- Swimming device. E. Winkler. 1,907,229; May 2.
- Swimming machine. E. E. Stoner. 1,920,036; July 25.
- Swimming pool. W. H. Eichelmann and E. E. Hall. 1,908,332; May 9.
- Swimming pool and skating rink, Convertible. H. Torrance. 1,918,437; July 18.
- Swing. C. Dahl. 1,927,025; Sept. 19.
- Swing. J. Januszewski. 1,893,084; Jan. 3.
- Swing. E. Soltanek, S. Walters, and A. E. Young. 1,927,223; Sept. 19.
- Swing. E. E. Wagner. 1,933,489; Oct. 31.
- Swing. E. E. Wagner and J. A. Frow. 1,930,375; Oct. 10.
- Swing, Arm propelled. R. Fletcher. 1,924,683; Aug. 29.
- Swing, Chair. W. E. Haskell. 1,932,967; Oct. 31.
- Swing, Circular. A. O. Edwards. 1,927,682; Sept. 19.
- Swing, Double action. M. Hartman. 1,922,364; Aug. 15.
- Switch: See—
- Automatic cut off switch. Electromagnetic switch.
- Automatic signal switch. Elevator safety switch.
- Automatic switch. Fixture switch.
- Bin alarm switch. Flash light switch.
- Bi-polar selector switch. Float operated switch.
- Break disconnecting switch. Float switch.
- Canopy switch. Floor controlled switch.
- Centrifugalmercury switch. Flow switch.
- Centrifugal switch. Fluid filled switch.
- Coin controlled switch. Fluid flow switch.
- Compressed gas switch. Fluid pressure switch.
- Control switch. Fuse switch.
- Counting-relay switch. Gang operated switch.
- Cut-off switch. Gear-shift lever switch.
- Direction indicator switch. Governor cut-off switch.
- Disconnecting switch. Heat control switch.
- Double disconnect switch. High tension line switch.
- Double limit switch. High tension switch.
- Electric snap switch. Hydraulic switch.
- Electric switch. Inclosed switch.
- Electric time switch. Interlocking switch.
- Electrical switch. Interrupter switch.
- Electromagnet switch. Key operated switch.
- Lighting switch.
- Limit switch.
- Lock switch.
- Magnetic switch.
- Magnetically operated switch.
- Mercury bulb switch.
- Mercury contact switch.
- Mercury switch.
- Mercury tube switch.
- Motor and interrupting switch.
- Motor operating switch.
- Multicontact switch.
- Multiple lock switch.
- Multiple switch.
- Multiple unit switch.
- Oil switch.
- Periodic switch.
- Pneumatically operated switch.
- Polarized relay switch.
- Pole handle switch.
- Pressure operated switch.
- Pressure responsive switch.
- Pressure switch.
- Push button switch.
- Railway switch.
- Rotary snap switch.
- Rotary switch.
- Rotatable switch.
- Safety cut-out switch.
- Safety magnet switch.
- Switch. W. E. Albertson. 1,936,535; Nov. 21.
- Switch. A. Alsaker. 1,906,505; May 2.
- Switch. A. Alsaker, W. O. Hampton, and C. A. Koerner. 1,901,689; Mar. 14.
- Switch. A. Alsaker and H. A. Holmes. 1,932,127; Oct. 24.
- Switch. A. Alsaker and E. Nordhem. 1,912,615; June 6.
- Switch. T. B. Bash. 1,900,687; Mar. 7.
- Switch. F. E. Bessler. 1,922,012; Aug. 8.
- Switch. P. R. Broeske. 1,918,450; July 18.
- Switch. L. R. Carley, R. B. Scott, and H. L. Allen. 1,923,613; Aug. 22.
- Switch. A. J. Carter. 1,893,613; Jan. 10.
- Switch. C. Christensen and A. G. Steinmayer. 1,935,111; Nov. 14.
- Switch. R. L. Dashner. 1,912,068; May 30.
- Switch. H. D. Garretson. 1,941,081; Dec. 26.
- Switch. J. W. Fitz Gerald. 1,919,278; July 25.
- Switch. H. J. L. Frank. 1,910,205; May 23.
- Switch. D. Hanson. 1,895,035; Jan. 24.
- Switch. R. H. Helsel. 1,893,027; Jan. 3.
- Switch. L. E. Hendee. 1,896,759; Nov. 28.
- Switch. M. E. Henning. 1,939,698; Dec. 19.
- Switch. W. L. Higley. 1,896,955; Feb. 7.
- Switch. F. E. Hollingsworth and E. W. Davis. 1,927,440; Sept. 19.
- Switch. E. N. Jacobi. 1,909,585; May 16.
- Switch. E. N. Jacobi. 1,912,982; June 6.
- Switch. E. N. Jacobi. 1,932,735; Oct. 31.
- Switch. E. N. Jacobi. 1,937,657; Dec. 5.
- Switch. E. H. Jacobs. 1,919,065; July 18.
- Switch. E. H. Jacobs. 1,923,312; Aug. 22.
- Switch. T. F. Johnson. 1,893,415; Jan. 3.
- Switch. S. Johnson, Jr. and S. Vorech. 1,925,762; Sept. 5.
- Switch. H. C. Kalwitz. 1,937,701; Dec. 5.
- Switch. J. M. Kelly. 1,909,107; May 16.
- Switch. C. A. Landin. 1,916,675; July 4.
- Switch. O. J. Leins. 1,897,132; Feb. 14.
- Switch. A. R. Lewellen. 1,915,680; June 27.
- Switch. F. R. Meginniss. 1,901,252; Mar. 14.
- Switch. L. C. Nichols. 1,914,924; June 20.
- Switch. H. E. Norviel. 1,906,084; Apr. 25.
- Switch. H. E. Norviel. 1,911,526; May 30.
- Switch. H. E. Norviel. 1,912,090; May 30.
- Switch. H. E. Norviel. 1,925,274; Sept. 5.
- Switch. H. E. Norviel and V. Ecoff. 1,906,083; Apr. 25.
- Switch. H. T. Paiste. 1,908,441; May 9.
- Switch. M. H. Rhodes. 1,895,398; Jan. 24.
- Switch. M. H. Rhodes. 1,916,867; July 4.
- Switch. M. H. Rhodes. 1,929,793; Oct. 10.
- Switch. M. H. Rhodes. 1,938,721; Dec. 12.
- Switch. C. R. Rich. 1,914,529; June 20.
- Switch. S. Ruppel. 1,904,540; Apr. 18.
- Switch. E. Sinner. 1,919,345; July 25.
- Switch. E. M. Soreng. 1,910,069; May 23.
- Switch. J. A. Spencer. 1,939,285-6; Dec. 12.
- Switch. A. G. Steinmayer. 1,928,635; Oct. 3.
- Switch. B. Stral. 1,933,285; Oct. 31.
- Switch. H. L. Van Valkenburg. 1,921,272; Aug. 8.
- Switch. H. L. Van Valkenburg and G. W. Hofem. 1,912,109; May 30.
- Switch. H. A. Wilcox, Jr. 1,928,472; Sept. 26.
- Switch. G. O. Wilms. 1,921,795; Aug. 8.
- Switch. A. R. Yeschick. 1,917,786; July 11.
- Switch and actuator, Snap. H. A. Arnold. 1,929,545; Oct. 10.
- Switch and arc extinguishing apparatus, Electric. W. S. Edsall. 1,940,120; Dec. 19.
- Switch and arc extinguishing means, Electric. C. D. Ainsworth. 1,912,342; May 30.
- Switch and casing, Electric. F. J. Watts. 1,909,641-2; May 16.
- Safety switch.
- Selector switch.
- Short circuiting switch.
- Signal light switch.
- Signal switch.
- Signaling switch.
- Single pole double throw quick make and break switch.
- Snap switch.
- Stanchion switch.
- Starter switch.
- Starting motor switch.
- Starting relay switch.
- Stop light switch.
- Telephone switch.
- Thermal switch.
- Thermic switch.
- Thermostat switch.
- Thermostatic switch.
- Time controlled switch.
- Time switch.
- Tire deflation switch.
- Tire pressure responsive switch.
- Tongue switch.
- Tool switch.
- Tumbler switch.
- Vacuum switch.
- Voltmeter switch.
- Wall switch.
- Weight operated switch.
- Window alarm switch.

- Switch and circuit breaker, Electric. W. B. Whitney and E. B. Wedmore. 1,914,875; June 20.
- Switch and contact structure therefor, Electric. G. W. O'Keeffe. 1,895,767; Jan. 31.
- Switch and control circuit therefor, Electrical. J. C. Bogle. 1,908,009; May 9.
- Switch and control circuit therefor, Electrical. J. C. Bogle. 1,908,495; May 9.
- Switch and control circuit therefor, Electrical. J. C. Bogle and L. E. Koch. 1,908,494; May 9.
- Switch and control circuit therefor, Electrical. L. E. Koch. 1,940,718; Dec. 26.
- Switch and disconnecting switch therefor, Cell-enclosed electric. F. H. Macneil. 1,929,983; Oct. 10.
- Switch and fabricated frames therefor, Electric. H. P. Pinkham. 1,912,221; May 30.
- Switch and fuse, Combined electric rotary. G. Mills. 1,907,266; May 2.
- Switch and fusing device, Combination. L. G. Kuhlman and E. W. Landmeier. 1,934,805; Nov. 14.
- Switch and mounting therefor. H. E. Norviel. 1,898,495; Feb. 21.
- Switch and operating mechanism therefor. R. W. Goff. 1,935,442; Nov. 14.
- Switch and operating mechanism therefor, Electric. J. D. Wood. 1,930,962; Oct. 17.
- Switch and self-winding clock mechanism for operating same, Electric time. E. F. Holinger. 1,912,368; June 6.
- Switch and switching system, Rotary. T. G. Le Clair and C. M. Gross. 1,916,844; July 4.
- Switch and the like, Mercury. F. S. Armstrong. 1,916,957; July 4.
- Switch and the production thereof, Electric. W. R. Walker. 1,897,963; Feb. 14.
- Switch and timing mechanism, Coin controlled. A. D. Antoine. 1,915,641; June 27.
- Switch and wiring assembly, Steering column. R. C. Hawley. 1,926,335; Sept. 12.
- Switch apparatus. W. M. Scott. 1,915,621; June 27.
- Switch apparatus, Electric. J. M. Jensen. 1,915,059; June 20.
- Switch assembly, Thermostatic. F. Kuhn and L. H. Thomas. 1,916,670; July 4.
- Switchboard. S. F. Nelson. 1,931,618; Oct. 24.
- Switchboard cord and preparing the same. J. D. Williams. 1,926,416; Sept. 12.
- Switch box having plug-in means. E. G. K. Anderson. 1,934,024; Nov. 7.
- Switch casing and mounting bracket or similar article, Combined. G. A. Gillen. Des. 89,394; Mar. 7.
- Switch construction, Banking. G. B. Wadsworth. 1,924,668; Aug. 29.
- Switch construction, Safety. H. J. Hammerly. 1,915,992; June 27.
- Switch construction, Push button. C. Miller. 1,923,450; Aug. 22.
- Switch contact. A. J. Bowie. 1,901,493; Mar. 14.
- Switch contact and making the same. A. T. Musgrave. 1,935,516; Nov. 14.
- Switch contact, Outdoor. G. A. Matthews. 1,901,607; Mar. 14.
- Switch control, Automatic electric. F. H. Richterkessing. 1,902,263; Mar. 21.
- Switch control means for vehicle lamps. H. Arnold and E. Lutscher. 1,903,586; Apr. 11.
- Switch control mechanism for automatic telephone systems. C. L. Goodrum. 1,902,163; Mar. 21.
- Switch control of starter, Ignition. H. E. Norviel. 1,931,619; Oct. 24.
- Switch control, Safety. E. S. Wagner. 1,914,056; June 13.
- Switch controlling apparatus, Railway. P. P. Sroker. 1,925,345; Sept. 5.
- Switch controlling means. G. H. Whittingham. 1,927,479; Sept. 19.
- Switch controlling mechanism. J. W. Allen. 1,920,135; July 25.
- Switch controlling mechanism. W. E. Bell. 1,910,081; May 23.
- Switch cover. K. Hunciker. 1,922,698; Aug. 15.
- Switch device, Electric. R. H. Bentley. 1,940,525; Dec. 19.
- Switch device, Time controlled. A. P. Hodge. 1,916,665; July 4.
- Switch equipped plug. M. Brown. 1,912,252; May 30.
- Switch for automatic telephone systems, Selector. W. K. Schnepf. 1,893,565; Jan. 10.
- Switch for automobile signal switches, Electric. J. Stafak. 1,931,775; Oct. 24.
- Switch for automobiles, Safety locking. C. W. Bangston. 1,911,739; May 30.
- Switch for automobiles, Signal. A. A. Jones. 1,897,906; Feb. 14.
- Switch for battery chargers. B. J. Haskins. 1,912,135; May 30.
- Switch for controlling electrically operated circuit inter-rupers. C. L. Reals. 1,899,481; Feb. 28.
- Switch for direction indicators. R. Hadano. 1,902,700; Mar. 21.
- Switch for electric circuits. W. C. Carter. 1,933,046; Oct. 31.
- Switch for electric heaters. L. H. Thomas. 1,893,563; Jan. 10.
- Switch for electric sewing machines, Control. E. Khatat. 1,916,268; July 4.
- Switch for motor cars, motorcycles, and bicycles, Dimmer. G. Steiner. 1,910,569; May 23.
- Switch for motor vehicles, Traffic signal. T. A. Pohjola. 1,913,855; June 13.
- Switch for radio phonograph sets. F. C. De Reamer. 1,905,689; Apr. 25.
- Switch for starting motors, Vacuum controlled. A. B. Althouse. 1,902,940; Mar. 28.
- Switch for use in telephone or like systems, Automatic. W. G. Patterson and E. J. Gachet. 1,924,454; Aug. 29.
- Switch for use in telephone systems, Automatic. C. E. Woodland and J. H. Ellis. 1,935,927; Nov. 21.
- Switch for use with heaters, Thermostatic. R. W. Johnson. 1,902,451; Mar. 21.
- Switch for vault ventilators, Temporary cut-out. O. B. McClintock. 1,893,900; Jan. 10.
- Switch gear, Electrical. D. R. Davies. 1,894,816; Jan. 17.
- Switch gear, Electrical. H. J. H. Huber. 1,920,748; Aug. 1.
- Switchgear, Electrical. J. Saint-Germain. 1,929,293; Oct. 3.
- Switch gear, High voltage electric. J. Christie and D. F. Ames. 1,903,956; Apr. 18.
- Switchgear installation. F. Wölfer. 1,938,508; Dec. 5.
- Switch handle, Shock absorbing. H. Hubbell, jr. 1,940,716; Dec. 26.
- Switch having magnetic arc extinguishing means, Electric. G. E. Jansson. 1,933,175; Oct. 31.
- Switch heater. J. M. Hoffer. 1,911,509; May 30.
- Switch heater. E. L. Ruby. 1,902,339; Mar. 21.
- Switch heater for railroads. W. D. Scholz. 1,897,218; Feb. 14.
- Switch holding device, Tongue. E. Bell, jr., and I. K. Dixon. 1,899,408; Feb. 28.
- Switch jar assembly, High tension. T. F. Johnson, jr. 1,914,777; June 20.
- Switch lever, One-piece. N. J. Walsh. 1,925,422; Sept. 5.
- Switch lock, Railroad. F. C. Zacarias. 1,908,097; May 9.
- Switch mechanism. J. W. Allen. 1,928,846; Oct. 3.
- Switch mechanism. F. C. Ball and C. C. Salisbury. 1,897,943; Feb. 14.
- Switch mechanism. L. L. Corcoran. 1,924,639; Aug. 29.
- Switch mechanism. C. A. Good. 1,929,022; Oct. 3.
- Switch mechanism. A. R. Lewellen. 1,924,248; Aug. 29.
- Switch mechanism. R. Popp. 1,904,927; Apr. 18.
- Switch mechanism. H. H. Rugg. 1,907,586; May 9.
- Switch mechanism. P. Weien. 1,910,869; May 23.
- Switch mechanism, Disconnecting. H. J. Crabbs. 1,899,384; Feb. 28.
- Switch mechanism, Electric. A. C. Durdin, jr. 1,936,051; Nov. 21.
- Switch mechanism, Electric. R. L. Transtrom and H. Hurlbut. 1,907,016; May 2.
- Switch mechanism, Foot operated. R. K. Winning. 1,908,205; May 9.
- Switch mechanism for vehicle signaling devices. J. E. Johnson and R. J. Jackson. 1,926,590; Sept. 12.
- Switch mechanism, Grounding. J. B. Hodum. 1,907,542; May 9.
- Switch mechanism, Power operated. H. D. Salisbury. 1,897,131; Feb. 14.
- Switch mechanism, Safety. J. F. Jirka, R. N. McCurdy, E. Slager, and R. D. Ernest. 1,896,545; Feb. 7.
- Switch mechanism, Thermostatic. F. J. Kump. 1,916,111; June 27.
- Switch mounting. W. R. Walker. 1,905,771; Apr. 25.
- Switch mounting bracket. R. Ropp. 1,930,444; Oct. 10.
- Switch movement. R. Popp. 1,894,282; Jan. 17.
- Switch of the push button type, Electric snap. R. A. Millermaster. 1,910,030; May 23.
- Switch operating apparatus, Railway. W. C. McWhirter. 1,930,722; Oct. 17.
- Switch operating means. C. S. Haddlesay. 1,917,837; July 11.
- Switch operating mechanism. W. H. Doddridge. 1,924,351; Aug. 29.
- Switch operating mechanism. H. P. Pinkham. 1,895,770; Jan. 31.
- Switch operating mechanism. H. P. Pinkham. 1,915,951; June 27.
- Switch operating mechanism. C. Thumin. 1,938,408; Dec. 5.
- Switch operating mechanism, Automatic. G. H. Leland. 1,935,455; Nov. 14.
- Switch operator. J. C. Rea. 1,900,584; Mar. 7.
- Switch plant, High tension. E. Gasiorowski. 1,904,442; Apr. 18.
- Switch plug. J. W. Hudson. 1,940,865; Dec. 26.
- Switch stand. W. H. Neeson. 1,908,781; May 16.
- Switch stand lock. P. Swanson. 1,907,611; May 9.
- Switch stand, Parallel throw. I. B. Kimmel and J. V. Stewart. 1,894,693; Jan. 17.
- Switch structure. F. J. Stuckert. 1,918,297; July 18.
- Switch structure, Control. M. E. Henning. 1,904,309; Apr. 18.
- Switch stud, Ventilated. E. J. Thompson and J. Markese. 1,913,522; June 13.
- Switch suitable for use in telephone systems, Selector. G. Deakin and L. J. J. Schreiber. 1,900,917; Mar. 14.
- Switch terminal, Back connected. E. C. Otte. 1,937,357; Nov. 28.
- Switch unit, Thermostatic. L. Reichold. 1,901,775; Mar. 14.
- Switch valve. E. B. Gill. 1,918,596; July 18.

- Switch with thermal release, Snap. M. Guett. 1,911,893; May 30.
- Switches, Apparatus for controlling railway. H. L. Bone. 1,895,067; Jan. 24.
- Switches, Apparatus for controlling railway. H. L. Bone. 1,908,504; May 9.
- Switches, Construction of mercury. I. E. McCabe. 1,915,683; June 27.
- Switches, Control of electric. R. Wideröe. 1,894,139; Jan. 10.
- Switches, Indicating device for. W. E. Wegner. 1,931,310; Oct. 17.
- Switches, Making electric. H. B. Massey. 1,935,513; Nov. 14.
- Switches, Making mercury. J. M. Fagan. 1,933,323; Oct. 31.
- Switches, Method and apparatus for forming and testing. J. W. White. 1,905,668; Apr. 25.
- Switches, Operating mechanism for. H. J. L. Frank, J. A. Messing, and W. A. Harper. 1,931,319; Oct. 17.
- Switches, Operating mechanism for. H. B. Massey. 1,898,135; Feb. 21.
- Switching apparatus, Automatic. H. Sengebusch. 1,914,535; June 20.
- Switching apparatus for sound reproducing systems. J. L. Reynolds. 1,931,035; Oct. 17.
- Switching arrangement for compensating voltage variations. H. V. Alexandersson. 1,928,521; Sept. 26.
- Switching device. A. M. Greis. 1,922,946; Aug. 15.
- Switching device. E. L. Mabie. 1,913,992; June 13.
- Switching device. G. A. Ritchie. 1,919,039; July 18.
- Switching device, Automatic. J. N. Pepin. 1,919,378; July 25.
- Switching device, Electromagnetic. J. N. Reynolds and H. F. Dobbin. 1,921,430; Aug. 8.
- Switching device, Inclosed. M. M. Samuels and F. J. Douglas. 1,907,125; May 2.
- Switching equipment, Automatic. D. C. Hoffmann. 1,927,797; Sept. 19.
- Switching mechanism. L. E. Eastman. 1,913,586; June 13.
- Switching mechanism. H. A. Douglas. 1,922,235-6; Aug. 15.
- Switching mechanism. O. Jensen. 1,909,540; May 16.
- Switching mechanism. S. B. Sanford. 1,913,043; June 6.
- Switching mechanism. J. Wenk. 1,920,538; Aug. 1.
- Switching mechanism, Automatic. A. Wullschlegler. 1,923,902; Aug. 22.
- Switching mechanism, Automotive vehicle. H. A. Douglas. 1,919,207; July 25.
- Switching mechanism for automotive vehicles. H. A. Douglas. 1,919,208-9; July 25.
- Switching mechanism for automotive vehicles. H. A. Douglas. 1,922,234; Aug. 15.
- Switching of railway cars at yards and terminals, Method and apparatus for directing the. L. M. Gibbs. 1,924,491; Aug. 29.
- Switching system, Selective. A. J. Macy. 1,898,305; Feb. 21.
- Swivel. M. F. Carr. 1,936,378; Nov. 21.
- Swivel bearing. W. F. Herold and E. E. Knittel. 1,914,204; June 13.
- Swivel-coupling. H. T. Heale and D. Finnes. 1,927,367; Sept. 19.
- Swivel elbow joint. J. B. Holtson. 1,908,844; May 16.
- Swivel hook. J. A. and I. R. Wilson. 1,897,920; Feb. 14.
- Swivel joint. R. J. Gollong and R. H. Carter. 1,908,598; May 9.
- Swivel joint. F. H. Ragan. 1,908,789; May 16.
- Swivel joint. J. J. Santiago. 1,921,136; Aug. 8.
- Synchronizer. O. A. Jones and J. A. Struthers. 1,905,591; Apr. 25.
- Synchronizer. M. L. Severy. 1,911,326; May 30.
- Synchronizer, Shrouded. H. J. Murray. 1,924,875; Aug. 29.
- Synchronizing apparatus for biscuit machines and the like. G. R. Baker and J. C. Paterson. 1,906,831; May 2.
- Synchronizing attachment for phonographs. F. H. Strom. Re18,951; Sept. 12.
- Synchronizing device for motion picture apparatus. J. F. Leventhal. 1,910,995; May 23.
- Synchronizing device for transmissions. F. Westcott. 1,909,644; May 16.
- Synchronizing equipment. H. P. Sparkes. 1,936,774; Nov. 28.
- Synchronizing mechanism film printing machines, Automatic. C. de Moos. 1,916,919; July 4.
- Synchronizing prime movers. H. Behrens. 1,911,876; May 30.
- Synchronizing system. R. Barthelemy. 1,940,161; Dec. 19.
- Synchronizing system. A. F. Connery. 1,910,824; May 23.
- Synchronizing system. A. F. Connery. 1,915,518; June 27.
- Synchronizing system. C. E. Huffman. 1,920,015; July 25.
- Synchronizing system. C. F. Jenkins. Re18,783; Mar. 28.
- Synchronizing system. M. B. Kerr. 1,927,707; Sept. 19.
- Synchronizing system. M. B. Long. 1,930,246; Oct. 10.
- Synchronizing system. R. H. Ranger. 1,940,016; Dec. 19.
- Synchronizing system for a series of motors. C. H. Bissell. 1,934,786; Nov. 14.
- Synchronous motor. L. Hammond. 1,915,090; June 20.
- Synchronous motor. R. Helmer. 1,936,837; Nov. 28.
- Synchronous motor. W. A. Marrison. 1,918,977; July 18.
- Synchronous motor. W. O. Meissner. 1,895,637; Jan. 31.
- Synchronous motor. I. Nachumsohn. 1,913,506; June 13.
- Synchronous motor. D. Perlman. 1,913,948; June 13.
- Synchronous motor. O. F. Rowe. 1,919,395; July 25.
- Synchronous motor. H. P. Sparkes. 1,892,856; Jan. 3.
- Synchronous motor. H. E. Warren. 1,917,172; July 4.
- Synchronous motor. J. Youhouse. 1,894,455; Jan. 17.
- Synchronous motor, Non-self-starting. H. E. Warren. 1,935,462; Nov. 14.
- Synthetic reactions, Method and an apparatus for electrically effecting. S. Ruben. 1,895,489; Jan. 31.
- Syringe. H. L. Buckhout. 1,925,230; Sept. 5.
- Syringe. R. Merliss. 1,903,681; Apr. 11.
- Syringe. M. Nevin. 1,892,993; Jan. 3.
- Syringe. C. H. Sprague. 1,898,856; Feb. 21.
- Syringe and swab, Vaginal. W. L. Jones. 1,909,967; May 23.
- Syringe, Collapsible fountain. H. S. William. 1,901,069; Mar. 14.
- Syringe equipment and apparatus. G. N. Hein. 1,929,247; Oct. 3.
- Syringe, Faucet. J. M. Frederick. 1,940,210; Dec. 19.
- Syringe for hypodermic medical injections. M. De Marchi. 1,934,046; Nov. 7.
- Syringe, Medical. N. Kovacs. 1,916,428; July 4.
- Syringe, Ointment applying. C. E. Ziegler. 1,923,409; Aug. 22.
- Syringe thermo-hydrometer. L. Edelmann. 1,923,192; Aug. 22.
- Syringe, Vaginal. R. C. Simpkins. 1,915,803; June 27.
- Syringe, Warm-air. R. C. Angell. 1,915,351; June 27.
- Syringe with lamp attachment, Hydrometer. J. M. Newkirk. 1,896,553; Feb. 7.
- System of distribution. R. Tröger. 1,918,066; July 11.
- Tabernacle. J. J. Mariotti. 1,924,365; Aug. 29.
- Table: See—
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| Adjustable reading table. | Garment finishing table. |
| Adjusting-stretching table. | Heated table. |
| Automobile feeding table. | Hospital table. |
| Automobile table. | Ironing table. |
| Banquet table. | Machine table. |
| Bearing trimmer table. | Mechanical pool table. |
| Bed side table. | Merchandising table. |
| Billiard table. | Mill table. |
| Body printing table. | Operating table. |
| Built-in table. | Outboard billiard table. |
| Capping table. | Pipe table. |
| Card table. | Portable elevating table. |
| Classifying table. | Portable saw table. |
| Collapsible table. | Refectory table. |
| Combination table. | Rising and falling table. |
| Convertible bed table. | Safety drill table. |
| Curling table. | Serving table. |
| Display table. | Sink-system table. |
| Drafting table. | Spool table. |
| Draftsman's reference table. | Surgical table. |
| Drawing table. | Time table. |
| Drier and sorting table. | Traveling tilting table. |
| Egg breaker's table. | Traveling work table. |
| Extension leaf table. | Treatment or surgical table. |
| Extension table. | Umbrella-supporting table. |
| Feeder table. | Urological table. |
| Foldable table. | Vertically and horizontally adjustable table. |
| Folding arm rest table. | Whist table. |
| Folding table. | X-ray operating table. |
| Game table. | |
- Table. W. H. Berssenbrugge. 1,904,401; Apr. 18.
- Table. L. E. Biery. 1,897,884; Feb. 14.
- Table. O. M. Blizzard. 1,935,008; Nov. 14.
- Table. F. R. Chester. 1,907,242; May 2.
- Table. G. F. Corduan. 1,923,067; Aug. 22.
- Table. W. P. De Saussure, jr. 1,899,082; Feb. 28.
- Table. W. P. DeSaussure, jr. 1,930,742; Oct. 17.
- Table. W. Druyun. 1,911,070; May 23.
- Table. P. Goodman. Des. 90,704; Sept. 19.
- Table. P. Goodman. Des. 90,707-10; Sept. 19.
- Table. C. L. Grech. 1,932,883; Oct. 31.
- Table. F. F. Kallstrom and T. L. E. Haug. Des. 90,621; Sept. 5.
- Table. C. R. Kayser. Des. 90,849; Oct. 10.
- Table. G. N. Kelly. 1,894,220; Jan. 10.
- Table. W. J. Knox. 1,906,865; May 2.
- Table. O. Landaw. 1,901,108; Mar. 14.
- Table. C. J. Miller. 1,898,307; Feb. 21.
- Table. H. F. Morse. 1,924,953; Aug. 29.
- Table. J. I. Norris. 1,931,414; Oct. 17.
- Table. M. Schaffer. 1,924,460; Aug. 29.
- Table. J. F. Weatherly. 1,924,223; Aug. 29.
- Table. P. M. Wege. Des. 90,637; Sept. 5.
- Table. P. M. Wege. 1,935,682; Nov. 21.
- Table. K. Winkler. 1,940,201; Dec. 19.
- Table and ash tray, Combination. C. F. Hogue. 1,938,964; Dec. 12.
- Table and bookcase, Combined. A. Kask. 1,893,551; Jan. 10.
- Table and bowling alley, Combination billiard. A. Schulze and W. Amann. 1,904,033; Apr. 18.
- Table and chair, Folding. L. Blumenthal. 1,903,954; Apr. 18.
- Table and Christmas tree holder, Combination. J. E. Lyons. 1,897,616; Feb. 14.
- Table and cover structure, Collapsible camp. W. H. Butler. 1,903,209; Mar. 28.

- Table and dressing cabinet, Combination. A. Carlson. 1,938,514; Dec. 5.
- Table and folding ironing board, Combined kitchen. P. P. Springer. 1,926,411; Sept. 12.
- Table and making the same, Fabricated. B. S. Vaughan. 1,933,232; Oct. 31.
- Table and mirror, Combined dressing. F. M. McClure. Des. 90,254; July 4.
- Table and mirror therefor, Dressing. D. C. Dillon. 1,930,925; Oct. 17.
- Table and seat, Combined. L. E. Monchiero and R. Mercantini. 1,938,345; Dec. 5.
- Table and seat unit, Collapsible knockdown. I. MacDonald. 1,934,937; Nov. 14.
- Table and the like, Foldable traveler's. G. Neumann. 1,895,338; Jan. 24.
- Table apparatus, Tufting. H. E. Wolf. 1,930,574; Oct. 17.
- Table attachment. W. Appel. 1,897,717; Feb. 14.
- Table attachment, Card. K. M. McGinty. 1,941,181; Dec. 26.
- Table attachment, Card. A. G. Watt. Des. 90,964; Oct. 31.
- Table attachment, Drawing. H. R. Shoemaker. 1,934,952; Nov. 14.
- Table attachment for automobiles. C. W. Martin. 1,903,900; Apr. 18.
- Table, bench, shelf, or similar structures. W. A. Adams. 1,893,481; Jan. 10.
- Table construction. J. W. Shaw. 1,927,050; Sept. 19.
- Table construction. F. Simmons. 1,909,905; May 16.
- Table construction. R. Taylor. 1,939,529; Dec. 12.
- Table construction. W. Todd. 1,923,241; Aug. 22.
- Table construction, Folding. W. Gillooly. 1,931,189; Oct. 17.
- Table cover or similar article. R. H. Willcox. Des. 90,351; July 18.
- Table dispensing, Combination. P. H. Horwitt. 1,895,662; Jan. 31.
- Table edging. J. E. Bales. 1,910,144; May 23.
- Table for automobile hearses, Adjustable casket. W. Koppe. 1,925,964; Sept. 5.
- Table for automobiles and the like. G. W. Mattson. 1,928,731; Oct. 3.
- Table for candy makers, Packing. R. Stover. 1,898,151; Feb. 21.
- Table for envelope-making and like machines, Adjustable feed. C. F. Pfanze. 1,897,641; Feb. 14.
- Table for ironing machines and the like. N. H. Watts. 1,929,227; Oct. 3.
- Table for ironing machines, Sorting and service. R. E. Smith. 1,906,825; May 2.
- Table for printing, Registering. W. C. Huebner. 1,914,127; June 13.
- Table for spinal correction, Manipulative. E. P. Blanchard. 1,938,006; Dec. 5.
- Table for stretching fabric. C. M. McCarthy. 1,894,625; Jan. 17.
- Table for supporting plate glass and the like in grinding and polishing apparatus. C. Heuze. 1,936,017; Nov. 21.
- Table grinding machine, Rotary. W. Law. 1,926,779; Sept. 12.
- Table latch. F. B. Walter. 1,913,966; June 13.
- Table leaf lifting device. A. R. De Burgh. 1,929,056; Oct. 3.
- Table, leg and foot rest, Combined. W. H. Curtis. 1,933,210; Oct. 31.
- Table leg attachment. R. Windgassen. 1,940,571; Dec. 19.
- Table leg brace. G. J. Corporon. 1,902,690; Mar. 21.
- Table leg brace, Folding. H. T. Tucker. 1,940,569; Dec. 19.
- Table leg construction. J. E. Bales and C. T. Christensen. 1,917,916; July 11.
- Table leg lock. G. F. Corduan. 1,912,126; May 30.
- Table leg support. W. M. Boenning. 1,901,697; Mar. 14.
- Table lock. E. W. North. 1,937,584; Dec. 5.
- Table mechanism, Folding and convertible. J. R. Jones. 1,926,486; Sept. 12.
- Table mounting for grinding machines. C. Knowles. 1,908,259; May 9.
- Table or board, Paper hanger's. H. J. Schubert. 1,893,788; Jan. 10.
- Table or chair. W. H. Whalley and A. M. Burton. 1,941,333; Dec. 26.
- Table or shelf for a stove. B. B. Goings. 1,903,262; Mar. 28.
- Table or similar article. W. O. Brown. Des. 89,946; May 23.
- Table or similar article. H. E. De Vries. Des. 91,017-18; Nov. 14.
- Table or similar article. R. Redlich, jr. Des. 89,412; Mar. 7.
- Table or similar article, Block. H. E. De Vries. Des. 91,016; Nov. 14.
- Table or similar article, Bridge. P. A. Lobel. 1,895,290; Jan. 24.
- Table or similar article, Child's dressing. M. Hallward. Des. 89,042; Jan. 17.
- Table or similar article, Drop leaf. H. E. De Vries. Des. 91,021; Nov. 14.
- Table or the like, Dining. A. Ginsberg. Des. 90,112; June 13.
- Table pad. N. C. Brewer. 1,928,616; Oct. 3.
- Table rear guide, Transfer. I. Maarsen. 1,900,064; Mar. 7.
- Table reciprocating mechanism, Hydraulically actuated. J. R. Whittles. 1,905,080; Apr. 25.
- Table-slide means. E. V. Mendenhall. 1,915,686; June 27.
- Table slide, True running. E. Daub. 1,898,620; Feb. 21.
- Table, stand, box or the like, Collapsible. P. E. Bird. 1,921,801; Aug. 8.
- Table tennis golf board. J. P. Eaton. Des. 89,879; May 16.
- Table top. U. Mochl. Des. 91,076; Nov. 21.
- Table top. E. P. Wanner. 1,938,305; Dec. 5.
- Table top and rotatable tray, Combination. A. Keller. 1,903,419; Apr. 11.
- Table top, Card. E. Verity. Des. 91,046; Nov. 14.
- Table top, Folding. H. Kahrs. 1,904,897; Apr. 18.
- Table top, Folding. J. B. O'Connor. 1,934,372; Nov. 7.
- Table top structure and manufacture. J. W. Beiger. 1,926,079; Sept. 12.
- Table top, Supplemental. M. F. Williams and C. F. Morse. 1,921,645; Aug. 8.
- Table with seats, Folding. C. T. Osterberg. 1,936,969; Nov. 28.
- Tables, Folding card or like. F. B. Harman. 1,905,862; Apr. 25.
- Tables for saws or the like. C. A. Ulrich. 1,896,924; Feb. 7.
- Tablets, Shaving cylindrical record. W. S. Fridell. 1,927,167; Sept. 19.
- Tableware, Article of. M. J. McKenzie. 1,920,516; Aug. 1.
- Tabulating, calculating, and similar machine. G. Tauschek. 1,916,998; July 4.
- Tabulating device for type composing machines. T. A. Payne. 1,898,683; Feb. 21.
- Tabulating machine. J. W. Bryce. 1,896,538; Feb. 7.
- Tabulating machine. J. W. Bryce. 1,926,890; Sept. 12.
- Tabulating machine. G. F. Daly and R. E. Page. 1,896,540; Feb. 7.
- Tabulating machine. J. T. Jones. 1,921,412; Aug. 8.
- Tabulating machine. W. W. Lasker. 1,920,993; Aug. 8.
- Tabulating machine. J. R. Peirce. 1,933,335; Oct. 31.
- Tabulating machine. L. C. Reynolds. 1,914,292; June 13.
- Tabulating machine for book-keeping purposes. G. Tauschek. 1,939,089; Dec. 12.
- Tabulating machine for nondecimal systems. G. F. Daly and R. E. Page. 1,902,017; Mar. 21.
- Tabulating machines, Carrying mechanism for. W. W. Lasker, Jr. 1,925,262; Sept. 5.
- Tabulating machines, Electric transfer for. J. W. Bryce. 1,926,893; Sept. 12.
- Tabulating machines, Line spacing device for. H. A. Weinlich. 1,940,234; Dec. 19.
- Tabulating mechanism. H. A. Foothorap, C. H. Bolton, and G. F. Carter. 1,928,417; Sept. 26.
- Tabulating mechanism for typewriters. F. P. Gorin. 1,915,246; June 20.
- Tabulator, Debit and credit. H. A. Weinlich. 1,917,002; July 4.
- Tabulator, Feed head for. J. R. Peirce. 1,926,883; Sept. 12.
- Tabulator rebound trap. F. P. Gorin. 1,901,096; Mar. 14.
- Tabulator stop. F. H. Trego. 1,918,303; July 18.
- Tabulator, Zero printing. J. W. Bryce and G. F. Daly. 1,933,309; Oct. 31.
- Tachometer. J. Zubatv. 1,922,610; Aug. 15.
- Tachometer, Centrifugal. F. G. Schweisthal. 1,929,537; Oct. 10.
- Tachometer, Electrical. G. Carpenter. 1,907,343; May 2.
- Tachometer generator. E. S. Huff. 1,898,728; Feb. 21.
- Tack button and making same. R. J. Freter. 1,930,611; Oct. 17.
- Tacking machine. F. Polzer. 1,905,241; Apr. 25.
- Tacking machine. F. Polzer. 1,936,915; Nov. 28.
- Tackling machine. A. P. Costa. 1,909,461; May 16.
- Tackle box. G. W. Van Vuren. 1,929,833; Oct. 10.
- Tag. R. Hartzgenbusch. 1,911,290; May 30.
- Tag. B. D. Hetrick. 1,910,218; May 23.
- Tag. F. W. Laencher. 1,932,372; Oct. 24.
- Tag. M. H. Margoluis. 1,917,989; July 11.
- Tag and attaching means therefor. S. Weiss. 1,923,602; Aug. 22.
- Tag and attachment means thereon, Marking. S. Weiss. 1,930,634; Oct. 17.
- Tag and fastening means therefor, License or emblem. T. A. Kirton. 1,925,667; Sept. 5.
- Tag and holder, Price. J. F. Healy. 1,904,456-7; Apr. 18.
- Tag element. F. Kocska. 1,915,060; June 20.
- Tag holder, Identification. J. A. Mahnk. Des. 89,284; Feb. 14.
- Tag holding means, Price. C. E. Timmons. 1,932,295; Oct. 24.
- Tag molding, Price. P. F. Reiher. 1,925,603; Sept. 5.
- Tag, Price. F. Kohnle. 1,910,955; May 23.
- Tag, Price. F. W. Laencher. 1,916,002; June 27.
- Tag, Valve. M. G. Markle. 1,894,381; Jan. 17.
- Tags, Affixing identification. G. E. Gaus. 1,922,799; Aug. 15.
- Tail clamp. B. W. Brockett. 1,908,111; May 9.
- Tail holder. D. Schnabel. 1,915,764; June 27.
- Tail lamp. H. C. Mead. 1,905,182; Apr. 25.
- Tailstock clamping mechanism. R. M. Woytych. 1,926,358; Sept. 12.
- Tailstock for lathes and the like. A. N. Emmons. 1,900,233; Mar. 7.

- Tailstock for lathes, grinders, and the like. A. Storm and T. Thorsen. 1,922,404; Aug. 15.
- Tail wheel. C. E. Hathorn. 1,896,234; Feb. 7.
- Take-up and safety lock, Combined. E. V. Francis and A. W. Lemmon. 1,925,021-2; Aug. 29.
- Take-up device for ropes. H. Geisenhoner. 1,896,705; Feb. 7.
- Take-up for engine valve mechanism, Automatic. C. S. Brown. 1,927,020; Sept. 19.
- Take-up for shaft bearings, Automatic. A. W. Sharp. 1,923,399; Aug. 22.
- Take-up mechanism. W. E. Lundgren. 1,912,532; June 6.
- Talking apparatus to be connected with a cash register. A. Gohara. 1,929,141; Oct. 8.
- Talking machine. H. L. T. Buckle and H. A. Thompson. 1,923,558; Aug. 22.
- Talking machine. E. Chiffey. 1,907,500; May 9.
- Talking machine. O. J. P. Crick. 1,907,501; May 9.
- Talking machine. R. Hilgenberg. 1,895,126; Jan. 24.
- Talking machine. E. Knight and H. A. Thompson. 1,906,620; May 2.
- Talking machine. A. D. Philpot. 1,926,110; Sept. 12.
- Talking machine. A. Whitaker. 1,923,559; Aug. 22.
- Talking machine, Power operated. J. Kriz. 1,906,161; Apr. 25.
- Talloy and the resulting product, Polymerizing, condensing, and oxidizing. R. H. Patch. 1,938,532; Dec. 5.
- Tally roll mechanism. W. W. Landsiedel. 1,908,027; May 9.
- Tamping machine. A. J. Helfrecht. 1,897,612; Feb. 14.
- Tandem axle. C. G. Clement. 1,913,698; June 13.
- Tandem drive for motor vehicles. R. Thornton. 1,897,153; Feb. 14.
- Tandem meter. C. R. Houghton. 1,896,527; Feb. 7.
- Tandem paving apparatus. E. L. Tranaas. 1,931,942; Oct. 24.
- Tangentmeter. V. J. Tihenko. 1,933,880; Nov. 7.
- Tank: See—
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| Acid proof tank. | Pickling tank. |
| Airplane fuel tank. | Rescue tank. |
| Automatic developing tank. | Septic tank. |
| Fuel supply tank. | Settling tank. |
| Fuel tank. | Sludge digestion tank. |
| Gas-tight tank. | Solution tank. |
| Glass gathering tank. | Storage tank. |
| Glass working tank. | Strainer tank. |
| Liquid storage tank. | Trailer tank. |
| Lubricator supply tank. | Truck tank. |
| Overhead storage tank. | |
- Tank. H. C. Boardman. 1,931,525; Oct. 24.
- Tank. J. G. Moxey. 1,906,996; May 2.
- Tank anchor for tank cars. V. Willoughby. 1,917,912; July 11.
- Tank anchor for welded tanks. C. H. Folmsbee. 1,917,931; July 11.
- Tank and bowl, Combination flush. H. F. Weaver. 1,907,193; May 2.
- Tank and cleaning machine therefor, Sewage clarification. W. C. Laughlin and A. B. Asch. 1,919,566; July 25.
- Tank and liquid level indicator therefor. F. E. White and A. Ruttiman. 1,911,099; May 23.
- Tank and mixing machine, Storage. F. F. Schwentker. 1,933,346; Oct. 31.
- Tank and pump, Self-contained vacuum. L. Dinesen. 1,913,376; June 13.
- Tank and table, Scullery. W. F. Roescher. 1,897,713; Feb. 14.
- Tank and the like, Pressure. J. A. Paasche. 1,899,244; Feb. 28.
- Tank and valve fitting therefor. R. F. Goecke. 1,939,495; Dec. 12.
- Tank cap. E. L. Carney. 1,903,892; Apr. 18.
- Tank car dome closure. W. K. Auchincloss. 1,894,655; Jan. 17.
- Tank car, Multiple unit. V. Willoughby. 1,937,617; Dec. 5.
- Tank closure, Car. V. Willoughby. 1,894,652; Jan. 17.
- Tank closure, Gasoline. W. R. Allred. 1,925,079; Sept. 5.
- Tank closure lock. M. Klump. 1,935,154; Nov. 14.
- Tank construction. L. L. Brooks. 1,917,494; July 11.
- Tank construction. E. Hahn. 1,933,012; Oct. 31.
- Tank construction, Elevated. G. T. Horton. 1,931,547; Oct. 24.
- Tank construction, Trailer truck. O. N. Gredell. 1,902,849; Mar. 28.
- Tank construction, Welded. E. Grizis. 1,899,755; Feb. 28.
- Tank cover. W. H. Matthews. 1,902,456; Mar. 21.
- Tank deck. W. Schwemlein. 1,907,268; May 2.
- Tank domes, Forming. J. D. Seiler. 1,894,642; Jan. 17.
- Tank filler. R. C. Hays. 1,913,078; June 6.
- Tank filler-cap lock. W. P. Lowther. 1,916,518; July 4.
- Tank filling and protecting device, Fuel. F. E. Casey. 1,911,987; May 30.
- Tank for aircraft, Fuel. M. J. Kaplan. 1,937,086; Nov. 28.
- Tank for cellulose pulp and similar substances, Agitating. O. Quiller. 1,939,225; Dec. 12.
- Tank for cooling milk and the like. M. D. and A. R. Stickle. 1,936,177; Nov. 21.
- Tank for corn pickers. A. C. Lindgren, C. R. Raney, and R. B. Hitchcock. 1,919,339; July 25.
- Tank for glass, Electrically heated. H. A. Wadman. 1,933,527; Oct. 31.
- Tank for petrol and like inflammable liquids, Storage. J. F. Martyn and R. J. Leggett. 1,917,138; July 4.
- Tank for radiators, Overflow. H. W. Lloyd and J. R. Holmes. 1,927,317; Sept. 19.
- Tank for volatile gases and liquids, Storage. J. H. Wiggins. 1,906,685; May 2.
- Tank for water softeners. W. L. O'Brien and A. C. Zimmerman. 1,932,117; Oct. 24.
- Tank gauge. C. T. Edwards. 1,933,522; Oct. 31.
- Tank gauge. R. Star. 1,900,774-5; Mar. 7.
- Tank heater. J. H. Luedke. 1,921,683; Aug. 8.
- Tank lever, Flush. W. B. Campbell. 1,902,753; Mar. 21.
- Tank outlet valve. A. H. Noyes. 1,899,978; Mar. 7.
- Tank service, Continuous. T. C. McKinley and C. A. Rhonemus. 1,937,390; Nov. 28.
- Tank splash plate. F. G. Thwaites. 1,909,734; May 16.
- Tank support. W. H. Radford. 1,914,673; June 20.
- Tank trailer and tractor, Combined. H. H. Robinson. Des. 90,084; June 6.
- Tank valve. W. K. Edwards. 1,939,544; Dec. 12.
- Tank valve. E. A. Raines. 1,923,503; Aug. 22.
- Tank valve, Hydraulically-operated. A. Davis, jr. Re18,817; May 2.
- Tank vent, flame arrester and automatic snuffer, Combination. F. S. Woldich. 1,929,462; Oct. 10.
- Tank water heater. T. A. Ronstrom. 1,935,919; Nov. 21.
- Tank with floating roof, Liquid storage. O. A. Bailey. 1,932,392; Oct. 31.
- Tank with heater, Storage. C. Tiburtius. 1,908,932; May 16.
- Tanks, Attachment for gasoline. J. S. Bowers. 1,922,470; Aug. 15.
- Tanks, Floating deck for liquid storage. J. H. Wiggins. 1,904,339; Apr. 18.
- Tanks, Welding. H. C. Boardman. 1,940,785; Dec. 26.
- Tannin from apple juice, Removing. F. A. Kormann. 1,929,642; Oct. 10.
- Tanning. A. O. Jaeger. 1,938,390; Dec. 5.
- Tanning agent. J. Hulsmann and G. Mauthe. 1,938,022; Dec. 5.
- Tanning agent and making same. A. Doser and G. Mauthe. 1,910,464; May 23.
- Tanning material and producing same, Synthetic. L. Pollak. 1,912,593; June 6.
- Tanning preparation. H. Noerr, G. Mauthe and A. Doser. 1,908,916; May 16.
- Tanning process. J. V. Chapot and R. E. Porter. 1,908,116; May 9.
- Tanning process. C. O. Henke and A. C. Orthmann. 1,897,124; Feb. 14.
- Tanning process. A. O. Jaeger. 1,938,388-9; Dec. 5.
- Tanning process. A. O. Jaeger and H. W. Witzel. 1,938,391; Dec. 5.
- Tanning process. F. A. Vogel. 1,909,790; May 16.
- Tanning, Process of. I. C. Somerville and H. R. Rate-rink. 1,919,756; July 25.
- Tanning process, Rapid vegetable. G. Peace. 1,899,422; Feb. 28.
- Tanning solution. O. Röhm. 1,930,910; Oct. 17.
- Tanning substances, Manufacture of. J. Schäfer. 1,901,536; Mar. 14.
- Tantalum carbide, Cemented. F. C. Kelley. 1,928,453; Sept. 26.
- Tantalum carbide, Cemented. F. C. Kelley. 1,936,435; Nov. 21.
- Tantalum, Electroplating. F. H. Driggs and W. C. Liliendahl. 1,933,319; Oct. 31.
- Tantalum from columbium, Separation of. T. R. Cunningham and R. C. Price. 1,908,473; May 9.
- Tap. R. X. Schubelen. 1,894,064; Jan. 10.
- Tap. J. D. Tucker. 1,908,575; May 9.
- Tap-changer control system. W. A. Oglesbee. 1,909,068; May 16.
- Tap changing system. T. Buchhold and E. Fleischhammer. 1,914,907; June 20.
- Tap-changing-underload equipment. F. L. Snyder. 1,905,249; Apr. 25.
- Tap chuck. A. G. Lundin and C. W. Johnson. 1,915,542; June 27.
- Tap, Collapsible. R. L. Herman. 1,905,709; Apr. 25.
- Tap, Collapsible. S. F. Newman. 1,912,298; May 30.
- Tap for containers. C. S. Phillips. 1,928,263; Sept. 26.
- Tap for fluids. C. S. Phillips. 1,912,304; May 30.
- Tap for insulators, Capacitance. A. O. Austin. 1,910,228; May 23.
- Tap holder. A. J. Gauthier. 1,936,665; Nov. 28.
- Tape, Adhesive. J. Gabosch. 1,901,094; Mar. 14.
- Tape and making same, Gummed. W. W. McLaurin. 1,923,837; Aug. 22.
- Tape, Button-hole. E. M. Goldsmith. 1,902,553; Mar. 21.
- Tape condenser. H. Burhenne. 1,893,050; Jan. 3.
- Tape controlling device. A. D. Eitzen. 1,937,513; Dec. 5.
- Tape, Court marking. R. Healy. 1,897,801; Feb. 14.
- Tape dispensing machine. L. Link. 1,921,625; Aug. 8.
- Tape, Feeding and moistening gummed. T. H. Krueger. 1,914,375; June 20.
- Tape feeding device. H. H. Lynn. 1,905,481; Apr. 25.
- Tape for fastening packages and for like purposes, Adhesive. T. H. Krueger. 1,902,369; Mar. 21.
- Tape for reproducing pictures or the like, Mechanism for producing a perforated. M. L. D. McFarlane and H. G. Bartholomew. 1,910,556; May 23.
- Tape, Garment fastener. L. Roseman. 1,939,465; Dec. 12.
- Tape gluing machine. A. A. Dennis. 1,913,022; June 6.

- Tape handling apparatus. J. Ettl. 1,904,861; Apr. 18.
 Tape holder. A. H. Bratz. 1,928,148; Sept. 26.
 Tape locking means. A. D. Eitzen. 1,910,154; May 23.
 Tape. Making waterproof heat insulating. W. R. Gillies. 1,937,561; Dec. 5.
 Tape. Method of and apparatus for feeding or pulling. K. L. Curtis. 1,908,960; May 16.
 Tape. Method of and apparatus for forming two-ply folded. M. C. Dodge. 1,936,291; Nov. 21.
 Tape. Method of and apparatus for making hook and eye. L. Roseman. 1,899,902; Feb. 28.
 Tape moistener. Gummed. A. Keck. 1,923,936; Aug. 22.
 Tape moistening and affixing device. E. H. Manvell. 1,900,121; Mar. 7.
 Tape on blanks. Gumming. R. I. Meader. 1,904,874; Apr. 18.
 Tape or the like. Apparatus for winding. F. H. Smith and H. Zarafu. 1,937,918; Dec. 5.
 Tape puller. E. H. Unkles. 1,900,421; Mar. 7.
 Tape pulling device. Magnetically controlled. A. D. Eitzen. 1,912,892; June 6.
 Tape serving machine. L. Link. 1,894,317; Jan. 17.
 Tape serving machine. Gummed. L. Link. 1,894,379; Jan. 17.
 Tape. Slide fastener. M. Kiessling. 1,900,564; Mar. 7.
 Tape. Waterproof heat insulating. W. R. Gillies. 1,903,106; Mar. 28.
 Tape. Wire. C. D. Johnson. 1,933,266; Oct. 31.
 Taper rolls. Method of and device for finishing. W. E. Hoke. 1,915,789; June 27.
 Tapestry fabric. W. Milnes. 1,932,981; Oct. 31.
 Taping machine. W. P. Osgood. 1,899,051; Feb. 28.
 Tappet wrench. F. A. Hammerich. 1,914,827; June 20.
 Tappets, Making. G. Charlton. 1,898,814; Feb. 21.
 Tappets, Making. J. H. Hoern. 1,910,767; May 23.
 Tapping and drilling machine. F. H. Kind. 1,904,375; Apr. 18.
 Tapping machine. G. H. Hageman. 1,909,055; May 16.
 Tapping machines. Nut guide for. W. L. Clouse. 1,910,090; May 23.
 Taps and other articles. Machine for manufacturing. A. D. Wilt, jr. 1,918,626; July 18.
 Tar and apparatus therefor. Distilling. A. H. Radasch. 1,927,298; Sept. 19.
 Tar and like oils. Treating. W. Higburg and P. C. Reilly. 1,901,872; Mar. 21.
 Tar and production of coke. Distillation of. H. H. Bailey. 1,912,245; May 30.
 Tar and simultaneously producing high and low melting point pitches. Method and apparatus for distilling. G. E. McCloskey. 1,894,471; Jan. 17.
 Tar at a coal distillation plant and apparatus therefor. Distillation of. F. Osborne. 1,919,704; July 25.
 Tar batter. T. W. Stone. 1,895,218; Jan. 24.
 Tar distillation. E. H. Ellms. 1,927,280; Sept. 19.
 Tar distillation. S. P. Miller. 1,893,145; Jan. 3.
 Tar distillation. S. P. Miller. 1,898,980; Feb. 21.
 Tar distillation. S. P. Miller. 1,915,251; June 20.
 Tar distillation. S. P. Miller. 1,921,300; Aug. 8.
 Tar distillation. S. P. Miller. 1,924,163; Aug. 29.
 Tar. Distillation of. S. P. Miller. 1,909,978; May 23.
 Tar. Distillation of. S. P. Miller. 1,912,394; June 6.
 Tar. Distillation of. S. P. Miller. 1,919,241; July 25.
 Tar. Distillation of. S. P. Miller. 1,920,163; July 25.
 Tar. Distillation of, etc. S. P. Miller. 1,920,267; Aug. 1.
 Tar. Distillation of, etc. S. P. Miller. 1,920,801; Aug. 1.
 Tar. Distilling. S. P. Miller. 1,912,294; May 30.
 Tar. Distilling. S. P. Miller. 1,930,130; Oct. 10.
 Tar, etc.. Distillation of. S. P. Miller. 1,920,097; July 25.
 Tar, etc.. Distillation of. F. Osborne. 1,912,393; June 6.
 Tar or pitch. Distillation of. S. P. Miller. 1,904,505; Apr. 18.
 Tar or pitch to coke and apparatus therefor. Distillation of. S. P. Miller. 1,904,504; Apr. 18.
 Tar removal. Method and composition for. R. R. Vallee. 1,913,647; June 13.
 Tar. Treatment of. E. O. Rhodes and F. D. Hager. 1,905,423; Apr. 25.
 Target. J. J. Plunkett. 1,896,591; Feb. 7.
 Target. Aerial. W. C. Warren. 1,930,866; Oct. 17.
 Target apparatus. E. C. Fey. 1,907,181; May 2.
 Target device. A. Vanhouteghem. 1,912,873; June 6.
 Target. Registering golf. M. E. Baker. 1,894,814; Jan. 17.
 Target trap control mechanism. F. J. Nemmers. 1,909,416; May 16.
 Targets emitting short flashes of light. Method and instrument for determining the position of. R. Mechau. 1,921,630; Aug. 8.
 Tarnish-proof container. G. E. Herring. 1,939,497; Dec. 12.
 Tars. Apparatus and method for the treatment of residual. J. Kuhl and W. H. Shiffer. 1,909,587; May 16.
 Tassel. A. B. Colby. 1,896,060; Jan. 31.
 Tasseling machine. C. F. Arnold. 1,905,978; Apr. 25.
 Taximeter. A. Ripoll. 1,917,546; July 11.
 Tea bag or the like and securing it. H. W. Morris. 1,941,218; Dec. 26.
 Tea bags, Making. S. Cooper. 1,894,345-8; Jan. 17.
 Tea container. S. Suzuki. 1,896,981; Feb. 7.
 Tea extract paste. A. A. Epstein. 1,916,468; July 4.
 Teakettle or similar article. P. E. Willman. Des. 90,173; June 20.
 Teapot. Counter service. J. G. Luttrell. Des. 89,258; Feb. 14.
 Tear-off device. J. E. Euth. 1,903,173; Mar. 28.
 Teat cup. Milking machine. C. H. Hapgood. 1,935,184; Nov. 14.
 Teat cup. Milking machine. J. L. Hulbert. 1,916,839; July 4.
 Teat dilator. W. L. Beebe. 1,899,492; Feb. 28.
 Teeth cleaning device. L. W. Lockwood. 1,939,996; Dec. 19.
 Teeth. Saw. V. A. Albright. 1,919,352; July 25.
 Teething ring. T. W. Smith, jr. Des. 89,853; May 9.
 Telautography or phototelegraphy. H. G. Bartholomew and M. L. D. McFarlane. 1,910,586; May 23.
 Telecommunication system. G. Viard. 1,918,152; July 11.
 Telegrams and pictures on short waves. F. Schröter and W. Runge. 1,914,898; June 20.
 Telegraph and telephone aerial, Wireless. C. S. Franklin. 1,914,886-7; June 20.
 Telegraph apparatus. R. W. Gilbert. 1,928,967; Oct. 3.
 Telegraph correction system. A. F. Connery. 1,929,879; Oct. 10.
 Telegraph distributor. Multiplex. C. E. Dunham and A. H. Roche. 1,901,951; Mar. 21.
 Telegraph exchange switching system. Printing. F. G. Hallden. 1,895,097; Jan. 24.
 Telegraph exchange system. C. C. Lane. 1,909,838; May 16.
 Telegraph exchange system. G. A. Locke and C. C. Lane. 1,936,200; Nov. 21.
 Telegraph exchange system. E. Rossberg. 1,925,909; Sept. 5.
 Telegraph exchange system. G. S. Vernam. 1,927,692; Sept. 19.
 Telegraph exchange system. Printing. F. G. Hallden. 1,932,933; Oct. 31.
 Telegraph. High speed printing. H. Chireix and H. Goudet. 1,892,158; Jan. 3.
 Telegraph interference suppressor. Carrier. W. A. Phelps and A. M. Koerner. 1,919,035; July 18.
 Telegraph keyboard controlled apparatus. R. D. Salmon and S. E. Kirk. 1,895,108; Jan. 24.
 Telegraph printer. L. F. Jaquith. 1,917,304; July 11.
 Telegraph printer system. W. G. H. Finch. 1,932,579; Oct. 31.
 Telegraph. Printing. L. Cammen. 1,935,016; Nov. 14.
 Telegraph. Printing. E. E. Kleinschmidt. 1,909,283; May 16.
 Telegraph. Printing. W. J. Zenner. 1,937,376; Nov. 28.
 Telegraph receiving apparatus. R. F. Dirkes and E. R. Wheeler. 1,916,168; June 27.
 Telegraph receiving apparatus having case grouping of characters. Printing. R. G. Griffith. 1,919,885; July 25.
 Telegraph repeater. R. B. Hearn. 1,913,443; June 13.
 Telegraph repeater. G. S. Vernam and F. G. Hallden. 1,895,015; Jan. 24.
 Telegraph repeater circuit. R. B. Hearn. 1,917,885; July 11.
 Telegraph repeater for uniform impulse code. H. H. Haglund. 1,914,328; June 13.
 Telegraph repeating system. F. S. Kinkead. Re18,900; July 18.
 Telegraph signal regenerating apparatus. R. D. Salmon. 1,931,876; Oct. 24.
 Telegraph signal transmitting apparatus. R. G. Griffith. 1,928,421; Sept. 26.
 Telegraph signaling apparatus. H. V. Higgitt. 1,925,756; Sept. 5.
 Telegraph switching system. F. S. Kinkead. 1,915,366; June 27.
 Telegraph switching system. Automatic. G. S. Vernam. 1,895,113; Jan. 24.
 Telegraph system. J. H. Bell. 1,936,655; Nov. 28.
 Telegraph system. E. T. Burton. 1,904,618; Apr. 18.
 Telegraph system. A. A. Clokey and M. H. Woodward. 1,927,699; Sept. 19.
 Telegraph system. L. A. Gardner. 1,934,687; Nov. 14.
 Telegraph system. R. G. Griffith. 1,923,724; Aug. 22.
 Telegraph system. B. P. Hamilton. 1,921,079; Aug. 8.
 Telegraph system. H. H. Harrison. 1,909,350; May 16.
 Telegraph system. M. B. Kerr. 1,939,396; Dec. 12.
 Telegraph system. R. V. Morgenstern and J. H. Hackenberg. 1,936,947; Nov. 28.
 Telegraph system. W. T. Rea. 1,940,370; Dec. 19.
 Telegraph system. F. J. Singer. 1,935,750; Nov. 21.
 Telegraph system. A. T. Starr. 1,931,038; Oct. 17.
 Telegraph system. A. E. Thompson. 1,919,607; July 25.
 Telegraph system. H. Wood. 1,916,243; July 4.
 Telegraph system. M. H. Woodward. 1,940,896; Dec. 26.
 Telegraph system adapted for ocean cable telegraphy. H. H. Haglund. 1,913,307; June 6.
 Telegraph system and apparatus. Start-stop. R. G. Griffith. 1,924,357; Aug. 29.
 Telegraph system and apparatus therefor. Start-stop. R. G. Griffith. 1,932,932; Oct. 31.
 Telegraph system. Automatic secret. J. H. Smart. 1,900,772; Mar. 7.
 Telegraph system for submarine cables. H. Nyquist. 1,922,139; Aug. 15.
 Telegraph system. Multiplex. H. H. Haglund. 1,901,296; Mar. 14.

- Telegraph system, Polar duplex. H. Nyquist. 1,906,804; May 2.
 Telegraph system, Printing. J. H. Bell. 1,936,656; Nov. 28.
 Telegraph system, Printing. J. W. Long and R. Steeneck. 1,909,201; May 16.
 Telegraph system, Secret. A. Jipp, E. Rossberg, and E. Hettler. 1,912,983; June 6.
 Telegraph systems, Preventing bias in. J. L. Clarke. 1,937,640; Dec. 5.
 Telegraph transmitter, Tape controlled. F. G. Creed and R. D. Salmon. 1,894,980; Jan. 24.
 Telegraph transmitting apparatus. R. G. Griffith. 1,921,407; Aug. 8.
 Telegraphic intercommunicating system. E. F. Watson. 1,920,453; Aug. 1.
 Telegraphic keying system for electron tube circuits. J. D. Wallace. 1,923,345; Aug. 22.
 Telegraphic signal reproducing apparatus. R. D. Salmon. 1,895,107; Jan. 24.
 Telegraphy and telephony, Arrangement for wireless. A. Leib. Re18,972; Oct. 24.
 Telegraphy and telephony and aerial system therefor, Wireless. C. S. Franklin. 1,907,945; May 9.
 Telegraphy and telephony, Combined. A. Weaver. 1,895,058; Jan. 24.
 Telegraphy, Carrier current. H. F. Wilder. 1,932,997; Oct. 31.
 Telegraphy, High speed. C. R. Dunham. 1,918,252; July 18.
 Telegraphy, High speed multiplex. H. Chireix and H. Goudet. 1,893,159; Jan. 3.
 Telegravure apparatus. C. F. Watts. 1,894,967; Jan. 24.
 Telemetric summation system. R. M. Rowell. 1,895,942; Jan. 31.
 Telemetric system. C. S. Franklin. 1,929,241; Oct. 3.
 Telephone. J. J. Burke and A. T. Morrison. 1,936,245; Nov. 21.
 Telephone. K. Nichols and R. Bettien. 1,899,046; Feb. 28.
 Telephone. K. Parel. 1,903,707; Apr. 11.
 Telephone anchor and pad holder. M. E. Mather. 1,930,175; Oct. 10.
 Telephone and carrier telegraph system, Superimposed carrier. H. A. Affel. 1,932,568; Oct. 31.
 Telephone apparatus, Automatic. A. Boyé. 1,925,478; Sept. 5.
 Telephone attachment. R. F. Farmer. 1,894,235; Jan. 10.
 Telephone attachment. O. Vandal. 1,938,198; Dec. 5.
 Telephone attachment. J. A. Warren. 1,906,292; May 2.
 Telephone. Automatic recording. V. Nigerradse. 1,934,735; Nov. 14.
 Telephone, Automobile. C. H. Kirby. 1,912,376; June 6.
 Telephone circuit and transformer therefor. R. S. Fulton. 1,911,948; May 30.
 Telephone circuit, Phantom. M. K. Zinn. 1,894,335; Jan. 17.
 Telephone circuit, Substation. H. C. Pye. 1,930,537; Oct. 17.
 Telephone desk set. N. Blount. 1,894,016; Jan. 10.
 Telephone dial actuator. J. P. Collver. 1,904,413; Apr. 18.
 Telephone dial illumination. R. Foster and S. K. Waldorf. 1,893,325; Jan. 3.
 Telephone dial lock. J. Jackson. 1,938,259; Dec. 5.
 Telephone dials, Attachment for automatic. C. D. Fireash. 1,896,352; Feb. 7.
 Telephone exchange, Automatic. S. E. Lindberg. 1,914,030; June 13.
 Telephone exchange system. R. W. Harper. 1,903,998; Apr. 18.
 Telephone exchange system. I. H. Henry. 1,916,760; July 4.
 Telephone exchange system. I. H. Henry and R. E. Hersey. 1,916,761; July 4.
 Telephone exchange system. H. Hovland. 1,912,453; June 6.
 Telephone exchange system. J. B. Newsom. 1,897,069; Feb. 14.
 Telephone exchange system. W. B. Strickler. 1,896,757; Feb. 7.
 Telephone exchange system. W. B. Strickler. 1,897,083; Feb. 14.
 Telephone exchange system. E. P. G. Wright. 1,901,940; Mar. 21.
 Telephone exchange system, Automatic or semiautomatic. E. P. G. Wright. 1,900,969; Mar. 14.
 Telephone exchange system, Automatic or semiautomatic. E. P. G. Wright and G. C. Hartley. 1,903,019; Mar. 28.
 Telephone exchanges, Flat bank multiple for selectors in. F. Merk. 1,938,752; Dec. 12.
 Telephone, Hand. O. Weeber and O. Soldan. 1,941,237; Dec. 26.
 Telephone index stand. F. A. Pettis. 1,930,843; Oct. 17.
 Telephone installation apparatus. J. F. Sink. 1,905,402; Apr. 25.
 Telephone instrument. P. F. W. C. Krippendorf. 1,912,529; June 6.
 Telephone instrument. R. F. Stehlik. 1,932,647; Oct. 31.
 Telephone instrument circuit. E. R. Wigan. 1,919,314; July 25.
 Telephone instrument dial. G. D. Cox and C. J. Gutberlet. 1,933,315; Oct. 31.
 Telephone lineman's test set. H. L. Wintley. 1,917,479; July 11.
 Telephone lines, Elimination of distortion in. M. Vos. 1,930,732; Oct. 17.
 Telephone lock. G. Miller. 1,899,445; Feb. 28.
 Telephone message recording and reproducing apparatus. E. M. Wilson. 1,920,729; Aug. 1.
 Telephone message recording device. G. K. Fiskien. 1,910,685; May 23.
 Telephone messages, Device for transmitting and recording. K. H. Sayre. 1,904,298; Apr. 18.
 Telephone operating means, Dial. A. L. Myers. 1,895,552; Jan. 31.
 Telephone pay station apparatus. W. H. Edwards. 1,921,071-2; Aug. 8.
 Telephone pay station receptacle. J. M. Melick. 1,919,799; July 25.
 Telephone plant, Automatic and semiautomatic. D. C. Crowe. 1,928,849; Oct. 3.
 Telephone receiver. H. G. Dorsey. 1,899,561; Feb. 28.
 Telephone repeater. J. P. Lowe. 1,895,808; Jan. 31.
 Telephone set. C. H. J. Dill. 1,918,801; July 18.
 Telephone set. A. Kvaal. 1,917,724; July 11.
 Telephone set. H. F. Obergfell. 1,935,912; Nov. 21.
 Telephone set, Portable. J. M. Hayward. 1,930,270; Oct. 10.
 Telephone set, Substation. H. F. Obergfell. 1,894,828; Jan. 17.
 Telephone sets, Retainer device for. O. R. Judson. 1,932,109; Oct. 24.
 Telephone stand. H. M. Greist and G. L. Hinman. 1,908,840; May 16.
 Telephone stand. C. H. Spencer, jr. 1,937,673; Dec. 5.
 Telephone substation apparatus. I. W. Green. 1,896,196; Feb. 7.
 Telephone substation apparatus. H. F. Obergfell and G. W. Eickenberg. 1,935,913; Nov. 21.
 Telephone support, clock case, and lamp, Combined. P. Bubrie. Des. 89,166; Feb. 7.
 Telephone switch, Automatic. C. P. Smith and G. Newton. 1,923,282; Aug. 22.
 Telephone switchboard. G. R. Eaton. 1,927,514; Sept. 19.
 Telephone switching apparatus. Toll. H. M. Friendly and A. M. Burns. 1,894,090; Jan. 10.
 Telephone switchboard. A. D. Knowlton and A. C. Gilmore. 1,930,275; Oct. 10.
 Telephone system. L. H. Allen. 1,901,944; Mar. 21.
 Telephone system. A. Barnay. 1,909,087; May 16.
 Telephone system. C. B. Bartley. 1,903,972; Apr. 18.
 Telephone system. H. M. Bascom. 1,895,020; Jan. 24.
 Telephone system. H. M. Bascom. 1,897,106; Feb. 14.
 Telephone system. C. E. Beale and R. Taylor. 1,912,122; May 30.
 Telephone system. J. I. Bellamy. 1,922,192; Aug. 15.
 Telephone system. W. Brandt. 1,930,921; Oct. 17.
 Telephone system. W. Brandt. 1,934,402; Nov. 7.
 Telephone system. C. R. Brooks. 1,914,357-8; June 20.
 Telephone system. C. R. Brooks. 1,929,474; Oct. 10.
 Telephone system. J. A. Burgener. 1,919,317; July 25.
 Telephone system. J. A. Burgener. 1,922,879; Aug. 15.
 Telephone system. A. E. Caswell. 1,923,662; Aug. 22.
 Telephone system. D. A. Christian. 1,900,911; Mar. 14.
 Telephone system. D. A. Christian. 1,922,232; Aug. 15.
 Telephone system. D. A. Christian and E. W. Palmer. 1,899,014; Feb. 28.
 Telephone system. T. F. Crocker. 1,893,323; Jan. 3.
 Telephone system. T. F. Crocker. 1,914,361; June 20.
 Telephone system. W. E. Darrov. 1,931,603; Oct. 24.
 Telephone system. J. B. Draper. 1,917,879; July 11.
 Telephone system. G. R. Eaton and G. Kiner. 1,899,084; Feb. 28.
 Telephone system. A. B. Elkins. 1,915,413; June 27.
 Telephone system. A. Flad. 1,922,199; Aug. 15.
 Telephone system. H. M. Friendly. 1,917,024; July 4.
 Telephone system. H. N. Friendly. 1,922,701; Aug. 15.
 Telephone system. E. L. Getz. 1,930,612; Oct. 17.
 Telephone system. C. Gillings and F. T. Belas. 1,901,156; Mar. 14.
 Telephone system. C. Gillings and F. T. Belas. 1,923,668; Aug. 22.
 Telephone system. C. Gillings, T. Belas, C. E. Beale, R. Taylor, and G. T. Baker. 1,938,381; Dec. 5.
 Telephone system. M. E. Griffins. 1,924,095; Aug. 29.
 Telephone system. A. E. Hague and J. B. Draper. 1,941,085; Dec. 26.
 Telephone system. R. W. Harper. 1,914,124; June 13.
 Telephone system. W. Hatton. 1,897,048; Feb. 14.
 Telephone system. W. Hatton, E. J. Rousseau, and G. T. Warmoes. 1,912,450; June 6.
 Telephone system. G. C. Hawkins, J. G. Pomeroy, and L. R. Fiedler. 1,929,422; Oct. 10.
 Telephone system. E. E. Hinrichsen. 1,905,711; Apr. 25.
 Telephone system. E. E. Hinrichsen. 1,921,405; Aug. 8.
 Telephone system. H. Hopf. 1,929,587; Oct. 10.
 Telephone system. F. S. Irvine. 1,925,696; Sept. 5.
 Telephone system. W. F. Kapp. 1,896,315; Feb. 7.
 Telephone system. A. Keyser. 1,908,365; May 9.
 Telephone system. M. Langer. 1,929,592; Oct. 10.
 Telephone system. M. Langer, A. Scheunert, and K. Wolack. 1,925,261; Sept. 5.
 Telephone system. O. C. Levy. 1,935,910; Nov. 21.
 Telephone system. F. Lill. 1,938,433; Dec. 5.
 Telephone system. T. A. Lundell and T. Laurent. 1,920,089; July 25.
 Telephone system. R. F. Massonneau. 1,938,709; Dec. 12.
 Telephone system. R. Mercer and F. Tench. Re18,927; Aug. 29.

- Telephone system. P. B. Murphy. 1,901,403; Mar. 14.
 Telephone system. W. C. Oakes. 1,909,419; May 16.
 Telephone system. J. F. Ostline. 1,917,390; July 11.
 Telephone system. E. S. Peterson. 1,914,383; June 20.
 Telephone system. E. S. Peterson. 1,920,213; Aug. 1.
 Telephone system. W. C. Phebus. 1,899,105; Feb. 28.
 Telephone system. W. Pinell. 1,935,954; Nov. 21.
 Telephone system. W. T. Powell and W. J. Vincent. 1,934,949; Nov. 14.
 Telephone system. A. B. Preuss. 1,920,214; Aug. 1.
 Telephone system. G. F. Raymond. 1,915,383; June 27.
 Telephone system. R. G. Richardson. 1,898,063; Feb. 21.
 Telephone system. R. G. Richardson. 1,903,837; Apr. 18.
 Telephone system. R. G. Richardson and J. I. Bellamy. 1,914,384; June 20.
 Telephone system. T. D. Robb. 1,904,252; Apr. 18.
 Telephone system. N. H. Saunders. 1,902,187; Mar. 21.
 Telephone system. N. H. Saunders and C. E. Lomax. 1,904,933; Apr. 18.
 Telephone system. W. Saville. 1,906,338; May 2.
 Telephone system. W. Saville. 1,917,551; July 11.
 Telephone system. G. V. Smith. 1,930,255; Oct. 10.
 Telephone system. H. H. Smith and J. Wicks. 1,932,235; Oct. 24.
 Telephone system. E. Spielauer. 1,941,232; Dec. 26.
 Telephone system. L. J. Stacy. 1,917,859; July 11.
 Telephone system. R. F. Stehlik. 1,924,661; Aug. 29.
 Telephone system. R. F. Stehlik. 1,934,384; Nov. 7.
 Telephone system. R. L. Stokely. 1,910,972; May 23.
 Telephone system. G. E. Stonebridge, jr. 1,927,531; Sept. 19.
 Telephone system. R. Taylor. 1,914,653; June 20.
 Telephone system. R. Taylor and J. A. Mason. 1,914,540; June 20.
 Telephone system. V. S. Tharp. 1,905,765; Apr. 25.
 Telephone system. S. Uda and T. Okura. 1,925,681; Sept. 5.
 Telephone system. H. W. Ulrich. 1,904,017; Apr. 18.
 Telephone system. H. W. Ulrich. 1,905,662; Apr. 25.
 Telephone system. J. H. Voss. 1,910,415; May 23.
 Telephone system. B. A. Wallace. 1,927,532; Sept. 19.
 Telephone system. G. T. Warmoes and J. R. A. F. Escandé. 1,909,440; May 16.
 Telephone system. J. Wicks. Re18,917; Aug. 15.
 Telephone system. J. Wicks. 1,927,533; Sept. 19.
 Telephone system. J. Wicks and H. G. Evers. 1,920,226; Aug. 1.
 Telephone system. J. Wicks, R. G. Richardson, and J. I. Bellamy. 1,903,207; Mar. 28.
 Telephone system. A. Wiessner. 1,923,352; Aug. 22.
 Telephone system. R. Wolf. 1,914,391; June 20.
 Telephone system. E. O. Zwietusch. 1,920,230; Aug. 1.
 Telephone system and apparatus. J. O. Cadieux. 1,905,215; Apr. 25.
 Telephone system, Automatic. J. I. Bellamy. 1,899,551; Feb. 28.
 Telephone system, Automatic. A. J. Escott. 1,922,237; Aug. 15.
 Telephone system, Automatic. A. Flad. 1,941,254; Dec. 26.
 Telephone system, Automatic. F. L. Kahn. 1,910,393; May 23.
 Telephone system, Automatic. C. E. Lomax. 1,925,264; Sept. 5.
 Telephone system, Automatic. M. Mathias. 1,901,179; Mar. 14.
 Telephone system, Automatic. L. L. Ruggles. Re18,828; May 9.
 Telephone system, Automatic. N. H. Saunders. 1,902,186; Mar. 21.
 Telephone system, Automatic. J. Stich. 1,901,133; Mar. 14.
 Telephone system, Automatic. V. S. Tharp. 1,899,536; Feb. 28.
 Telephone system, Automatic. V. S. Tharp and C. E. Lomax. 1,904,904; Apr. 18.
 Telephone system, Call charging. A. E. Hague. 1,917,884; July 11.
 Telephone system, Measured service. V. S. Tharp. 1,909,025; May 16.
 Telephone system, Multioffice. O. C. Levy. 1,901,177; Mar. 14.
 Telephone system, Multioffice. M. L. Nelson. 1,907,087; May 2.
 Telephone system, Multioffice. N. H. Saunders, C. E. Lomax, and T. F. Crocker. 1,899,112; Feb. 28.
 Telephone system, Multioffice. J. Wicks. 1,893,691; Jan. 10.
 Telephone system, Multioffice. J. Wicks. 1,901,068; Mar. 14.
 Telephone system, Multioffice. J. Wicks and R. F. Gould. 1,909,082; May 16.
 Telephone system, Multioffice automatic. A. Keyser and F. Simon. 1,930,522; Oct. 17.
 Telephone system, Multioffice automatic. A. J. Ray. 1,910,405; May 23.
 Telephone system, Radio. H. M. Pruden and C. C. Taylor. 1,915,382; June 27.
 Telephone system, Semiautomatic. F. Gohorel. 1,907,062; May 2.
 Telephone system, Two-way. E. R. Taylor. 1,904,567; Apr. 18.
 Telephone system, Two-way. S. B. Wright and D. Mitchell. 1,903,888; Apr. 18.
 Telephone system using single motion switch by-pass circuits, Automatic. J. H. E. Baker. 1,905,785; Apr. 25.
 Telephone transmitter. L. C. Pocock, R. Blackburn, and J. Turton. 1,915,381; June 27.
 Telephone trunking system, Automatic. R. G. Richardson. 1,934,737; Nov. 14.
 Telephones, Attachment for. S. Neiterman. 1,898,681; Feb. 21.
 Telephones, Attachment for. F. E. Vanderhoof. 1,904,578; Apr. 18.
 Telephones, Illuminating attachment for. E. Smith. 1,918,876; July 18.
 Telephones, Operating means for automatic. A. L. Myers. 1,923,947; Aug. 22.
 Telephonic device for assisting or enabling partially deaf persons to hear. W. G. G. Benway. 1,935,932; Nov. 21.
 Telephony. H. Christensen. 1,909,810; May 16.
 Telephony. M. W. Gieskieng. 1,937,754; Dec. 5.
 Telephony and telegraphy, Single carrier frequency multiplex. C. W. Hough. 1,896,235; Feb. 7.
 Telephony, Duplex system of. H. Pasler. 1,904,517; Apr. 18.
 Telephotographic system. S. Ruben. 1,907,124; May 2.
 Telescope, Aiming. A. Clementi and I. Pechan. 1,913,793; June 13.
 Telescope for instruments, Illuminated. W. J. Cameron. 1,896,861; Feb. 7.
 Telescope for medical and technical purposes, Optical. H. Lehmann. 1,932,470; Oct. 31.
 Telescope, Galilean. A. Kühl. 1,934,863; Nov. 14.
 Telescope, Prism. H. S. Cover. 1,897,608; Feb. 14.
 Telescope sight. A. Steinle. 1,905,070; Apr. 25.
 Telescope sight, Illuminated. H. B. Maris. 1,931,552; Oct. 24.
 Telescope, Tacheometric. A. König. 1,918,548; July 18.
 Telescopic elbow. C. J. Ernst. 1,911,311; May 30.
 Telescopic hoist, Vertical. E. R. Barrett. 1,925,296; Sept. 5.
 Telethermometer, Humidity factor. C. H. Kuhlman. 1,894,104; Jan. 10.
 Television. E. C. P. Henroteau. 1,903,112-13; Mar. 28.
 Television. H. J. McCreary. 1,935,649-50; Nov. 21.
 Television and picture transmitting apparatus. G. Wikenhauser. 1,920,119; July 25.
 Television and the like. G. W. Walton. 1,914,314; June 13.
 Television and the like, Scanning device for. G. W. Walton. 1,918,358; July 18.
 Television apparatus. E. F. W. Alexanderson. 1,935,427; Nov. 14.
 Television apparatus. F. Banneitz and G. Schubert. 1,930,071; Oct. 10.
 Television apparatus. A. J. Cawley. 1,925,039; Aug. 29.
 Television apparatus. M. Centeno V. Re18,761; Mar. 7.
 Television apparatus and method. H. P. Donle. 1,894,944; Jan. 24.
 Television apparatus and the like. J. L. Baird. 1,925,554; Sept. 5.
 Television apparatus, Exploring device for. J. L. Baird. 1,913,911; June 13.
 Television, Color. A. M. Nicolson. 1,901,116; Mar. 14.
 Television lamp. D. D. Knowles. 1,932,078; Oct. 24.
 Television method and apparatus. C. E. Huffman. 1,907,113; May 2.
 Television reception. H. P. Donle. 1,903,986; Apr. 18.
 Television scanning device. J. M. Robinson. 1,927,754; Sept. 19.
 Television scanning disk. H. B. Maris. 1,893,676; Jan. 10.
 Television, Secret. J. H. Hammond, jr. 1,910,540; May 23.
 Television sketching apparatus. J. H. Hammond, jr. 1,937,020; Nov. 28.
 Television system. C. L. Davis. 1,896,167; Feb. 7.
 Television system. H. M. Dowsett. 1,939,805; Dec. 19.
 Television system. A. N. Goldsmith. 1,924,277; Aug. 29.
 Television system. H. E. Ives. 1,932,253; Oct. 24.
 Television transmitting system. G. T. Schmidling. 1,933,392; Oct. 31.
 Tell-tale for motor vehicle lights. G. H. Inman. 1,935,399; Nov. 14.
 Telltale means. T. Midgley, jr. 1,917,048; July 4.
 Tellurium dithiocarbamates and making the same. P. I. Murrill. 1,921,091; Aug. 8.
 Tempers in cutting slots, Drawing. C. J. Coberly. 1,917,497; July 11.
 Temper screw feed. R. V. Kissel. 1,910,108; May 23.
 Temperator. M. P. Martinsen. 1,916,064; June 27.
 Temperature and pressure controller. F. J. Bast. 1,905,783; Apr. 25.
 Temperature apparatus, Constant. O. M. Hovgaard. 1,921,433; Aug. 8.
 Temperature apparatus, Constant. B. Stallard. 1,921,432; Aug. 8.
 Temperature, Apparatus for controlling. L. W. Eggleston. 1,893,277; Jan. 3.
 Temperature carbonization, Apparatus for low. J. D. McQuade. 1,921,993; Aug. 8.
 Temperature compensating means for weighing scales. W. F. Stimpson and W. E. Finch. 1,921,848; Aug. 8.
 Temperature control. C. A. Otto. 1,941,314; Dec. 26.
 Temperature control. O. G. Ward. 1,941,315; Dec. 26.
 Temperature control and ventilating system for vehicles. M. Garland. 1,936,506; Nov. 21.

- Temperature control apparatus. R. E. Malles. 1,939,073; Dec. 12.
- Temperature control apparatus. L. A. M. Phelan and C. Hotchkiss. Re18,171; Mar. 21.
- Temperature control apparatus. E. C. Wood. 1,921,178; Aug. 8.
- Temperature control attachment for plunger lift devices. N. H. Ricker. 1,932,481; Oct. 31.
- Temperature control chamber. E. T. Williams. 1,903,951; Apr. 18.
- Temperature control device. C. L. Hall. 1,934,499; Nov. 7.
- Temperature control device for oil burners. E. D. Harrington. 1,932,269; Oct. 24.
- Temperature control for cloth driers. F. E. P. Klages. 1,937,155; Nov. 28.
- Temperature control for electric bar heaters. H. G. Hammond. 1,936,192; Nov. 21.
- Temperature control for furnaces, Automatic. G. Stevenson. 1,922,403; Aug. 15.
- Temperature control for glass, Automatic. L. D. Soubier. Re19,025; Dec. 12.
- Temperature control in lubricating oil systems. E. W. Evans. 1,904,429; Apr. 18.
- Temperature control mechanism for heating systems, Average. E. A. Taylor, M. D. Pence, and C. A. Dunham. 1,921,172; Aug. 8.
- Temperature control, Method of and apparatus for. E. X. Schmidt. 1,925,463; Sept. 5.
- Temperature control of chemical reactions. S. L. Handforth. 1,923,865; Aug. 22.
- Temperature control of superheaters. C. E. Lucke. 1,934,723; Nov. 14.
- Temperature control. Piezo-electric crystal. L. A. Hyland. 1,894,687; Jan. 17.
- Temperature control system. L. A. Gebhard and E. B. Meyer. 1,898,531; Feb. 21.
- Temperature control system for automotive engines. W. O. Twombly. 1,925,351-2; Sept. 5.
- Temperature control system for electro-mechanical oscillators. L. A. Gebhard. 1,893,666; Jan. 10.
- Temperature controlled apparatus. J. A. Spencer. 1,916,498; July 4.
- Temperature controlled make and break apparatus. D. F. Smith. 1,938,612; Dec. 12.
- Temperature controller recorder including method and apparatus. C. H. Wilson and C. J. Brown. 1,930,496; Oct. 17.
- Temperature, Controlling. G. L. Simpson. 1,893,847; Jan. 10.
- Temperature controlling apparatus. R. H. Wappler. 1,904,020; Apr. 18.
- Temperature controlling apparatus. R. H. Wappler. 1,904,587; Apr. 18.
- Temperature controlling device. W. A. Marrison. 1,940,599; Dec. 19.
- Temperature controlling device. H. A. Soverhill. 1,911,403; May 30.
- Temperature controlling means. W. Shurtleff. 1,899,532; Feb. 28.
- Temperature distillation apparatus, Low. F. Puening. 1,908,538; May 9.
- Temperature exchanger. E. H. Behringer and L. Hatch. 1,939,160; Dec. 12.
- Temperature gradient up the shaft of a furnace, Controlling the. C. C. Furnas. 1,917,642; July 11.
- Temperature in rotary drilled wells, Method of and apparatus for determining true rock. L. A. Bond. 1,901,431; Mar. 14.
- Temperature indicating attachment for refrigerator cars. J. B. Townshend. 1,909,383; May 16.
- Temperature indicating device. W. O. Hebler. 1,907,540; May 9.
- Temperature indicating device. V. I. Zelov. 1,928,278; Sept. 26.
- Temperature indicator. W. A. Collins. 1,893,400; Jan. 3.
- Temperature indicator. E. Kirch. 1,917,129; July 4.
- Temperature indicator. H. O. Stephens and F. H. Kierstead. 1,917,163; July 4.
- Temperature measurement. F. S. Marcellus. 1,894,109-10; Jan. 10.
- Temperature of a fermenting liquid, Apparatus for maintaining the. R. Horch. 1,937,226; Nov. 28.
- Temperature of chemically reacting liquids, Controlling the. H. O. Forrest and P. K. Frolich. 1,916,473; July 4.
- Temperature of lubricants, Controlling. E. F. Dickleson, Jr. 1,914,662; June 20.
- Temperature of the soil, Method and apparatus for controlling the. J. G. Kimmel. 1,904,001; Apr. 18.
- Temperature of the steam in locomotive engines, Regulating the superheater. J. Madeyski. 1,899,041; Feb. 28.
- Temperature or pressure controller, Automatic. A. J. Mansure. 1,914,576; June 20.
- Temperature regulating and stirring device. W. A. Rolston. 1,934,006; Nov. 7.
- Temperature regulating apparatus. G. E. Hulse. 1,932,408; Oct. 31.
- Temperature regulating device. R. T. and J. R. Williams. 1,937,929; Dec. 5.
- Temperature regulating system. H. D. Colman. 1,921,154; Aug. 8.
- Temperature regulating system. D. J. Stewart. 1,905,011; Apr. 25.
- Temperature regulation. A. J. Otto. 1,928,737; Oct. 3.
- Temperature regulation. A. J. Otto. 1,939,916; Dec. 19.
- Temperature regulator. A. A. Canton. 1,939,539; Dec. 12.
- Temperature regulator. W. W. Carson, jr. 1,936,325; Nov. 21.
- Temperature regulator. F. Lauster. 1,919,068; July 18.
- Temperature regulator, Automatic. F. A. Gaston. 1,921,667; Aug. 8.
- Temperature regulator for thermostatically controlled gas-fired refrigerators, Auxiliary. J. A. Whittington. 1,923,468; Aug. 22.
- Temperature relay. O. C. Traver. 1,896,856; Feb. 7.
- Temperature release unit, Fusible fixed. A. C. Rowley. 1,898,897; Feb. 21.
- Temperature responsive apparatus. H. G. Leupold. 1,909,971; May 23.
- Temperature responsive apparatus. Thermostatic and like. M. Payne. 1,923,998; Aug. 22.
- Temperature-responsive control. G. R. Sisson. 1,913,131; June 6.
- Temperature responsive device. E. Tyden. 1,917,001; July 4.
- Temperature taking apparatus. O. Smith. 1,938,643; Dec. 12.
- Temperatures, Apparatus for determining deep well. H. N. Marsh and J. H. Howard. 1,913,845; June 13.
- Temperatures in buildings, Apparatus for regulating. E. P. Miles. 1,908,912; May 16.
- Temperatures in moving bodies, Process and apparatus for measuring. L. L. Vayda. 1,901,208; Mar. 14.
- Temperatures, Method and apparatus for controlling. E. G. Ragatz. 1,898,572; Feb. 21.
- Temperatures of moving bodies, Apparatus for measuring. G. A. Reinhardt and R. H. Eurich. 1,901,192; Mar. 14.
- Temperatures of moving bodies, Apparatus for measuring. L. L. Vayda. 1,901,209; Mar. 14.
- Tempering. G. C. Weiland. 1,919,872; July 25.
- Tempering bath. H. C. Kner. 1,919,846; July 25.
- Tempering device. F. W. Greer. 1,898,829; Feb. 21.
- Template. G. H. Chester. 1,917,239; July 11.
- Template, Adjustable. G. McKittrick. 1,939,565; Dec. 12.
- Template, Electromagnet paint stripping. E. L. and R. K. Truba. 1,915,631; June 27.
- Template for building models, Combined graphic outline and work locating. A. S. Blumenthal. 1,904,674; Apr. 18.
- Template for doorlocks. E. H. Johnson. 1,906,611; May 2.
- Template for splitting leather soles. A. Caggiano. 1,904,405; Apr. 18.
- Template for use in installing plumbing. D. C. Ruff. 1,904,330; Apr. 18.
- Temple for spectacles. A. B. Belgard. Des. 89,677; Apr. 25.
- Temple for trial frames. S. F. Bouchard. 1,910,743; May 23.
- Tender structure. W. L. Lentz and W. M. Sheehan. 1,920,755; Aug. 1.
- Tennis net. R. S. Bunker. 1,896,835; Feb. 7.
- Tennis net. R. S. Bunker. 1,899,011; Feb. 28.
- Tennis net assembly, Table. W. V. Schnur. 1,925,572; Sept. 5.
- Tennis racket. J. L. Kleinman. 1,912,492; June 6.
- Tenpin conveyer. F. J. Johnson. 1,928,938; Oct. 3.
- Tension and length of lines in oil wells, Device for indicating. H. M. Greene. 1,901,962; Mar. 21.
- Tension control for label pasting belts. A. Fisher. 1,895,315; Jan. 24.
- Tension control for rolling mills. W. C. Coryell. 1,892,934; Jan. 3.
- Tension controlling device for rolling closures. C. Traut. 1,937,209; Nov. 28.
- Tension controlling system. D. R. Shoults. 1,922,870; Aug. 15.
- Tension mechanism for strands, etc., Automatic. J. Vacher. 1,904,394; Apr. 18.
- Tension regulator. E. Eger. 1,916,467; July 4.
- Tension roll. H. A. W. Wood. 1,929,087; Oct. 3.
- Tension wheels, Making. J. L. Hecht. 1,934,537; Nov. 7.
- Tensioning device. K. Schneider and E. Fraenkel. 1,912,013; May 30.
- Tensioning device for ironing machines. M. J. Buckley. 1,914,908; June 20.
- Tensioning device for maintaining a given catenary curve in metal strips continuously pulled through an annealing furnace. O. Junker. 1,906,211; Apr. 25.
- Tensioning device for wires, cords or metal rods. J. Cho-bert. 1,923,812; Aug. 22.
- Tensioning spider for deep well turbines. A. Hollander. 1,922,583; Aug. 15.
- Tent. M. Bixenstein. 1,927,387; Sept. 19.
- Tent. J. Sankus. 1,940,147; Dec. 19.
- Tent. R. Skagerberg. 1,925,411; Sept. 5.
- Tent and frame, Collapsible. A. Del Vacchio. 1,900,335; Mar. 7.
- Tent and hood-garment, Combined. G. C. Bosson, jr. 1,895,911; Jan. 31.
- Tent, Portable. H. Thonet-Drechsel. 1,913,572; June 13.
- Tenter clip. J. H. Williams. 1,927,998; Sept. 26.
- Tentering clip. J. E. Peterson. 1,907,090; May 2.
- Tentering machine. J. E. Peterson. 1,936,912; Nov. 28.
- Terminal. L. A. Koch, jr. Des. 90,584; Aug. 29.
- Terminal check valve. E. O. Corey. 1,914,325; June 13.
- Terminal connector. E. B. Nowosielski. 1,909,306; May 16.

- Terminal connector. J. H. Van Derhoof. 1,896,988; Feb. 7.
- Terminal connector, Electric. W. G. Hartwig. 1,904,919; Apr. 18.
- Terminal construction. F. S. Smith. 1,907,599; May 9.
- Terminal, Cord. N. H. Watts. 1,918,071; July 11.
- Terminal, Deep sea cable. A. W. Horton, jr. 1,910,165; May 23.
- Terminal device with cord fastener. J. M. G. Fullman. 1,929,920; Oct. 10.
- Terminal, Electric. Y. Noishiki. 1,894,598; Jan. 17.
- Terminal, Electrical cord. N. H. Watts. 1,918,070; July 11.
- Terminal, Fluid filled high tension. E. D. Eby. 1,919,935; July 25.
- Terminal for drag conveyers. M. B. Smith. 1,919,175; July 13.
- Terminal for electric devices. K. Wiegand and J. Habel. 1,897,459; Feb. 14.
- Terminal for electrical conductors. W. C. Reed. 1,900,585; Mar. 7.
- Terminal for refrigerating apparatus. J. A. Grier. 1,941,397; Dec. 26.
- Terminal for wire cables. E. I. Schwarz. 1,941,113; Dec. 26.
- Terminal, Locomotive. J. E. Hawe. 1,921,878; Aug. 8.
- Terminal lug protector, Moistureproof. R. T. Poplin and W. H. Bone. 1,937,715; Dec. 5.
- Terminal mounting for lighting fixture. T. G. Yarsley. 1,930,735; Oct. 17.
- Terminal potheads with insulating material, Charging. A. M. Thomson. 1,932,493; Oct. 31.
- Terminal puller, Storage battery. J. A. Wiles. 1,896,338; Feb. 7.
- Terminal voltage of sources of current, Device for keeping constant the. L. Koros. 1,920,569; Aug. 1.
- Terminals arranged in rows, System of distributing and testing. H. Ditzmann. 1,936,963; Nov. 28.
- Terpene compounds from gasoline used for extracting rosin from wood, Separating. A. C. Johnston. 1,896,793; Feb. 7.
- Terrace chair, Collapsible. G. A. Riddell. 1,904,388; Apr. 18.
- Terrazo strip. H. L. Fink. 1,914,115; June 13.
- Tertiary alkylol-arylamines, Manufacture of. W. Müller. 1,930,858; Oct. 17.
- Test block. R. W. Grace. 1,921,746; Aug. 8.
- Test device. B. Kindig. 1,928,565; Sept. 26.
- Test weight case. O. C. Reeves. 1,923,457; Aug. 22.
- Tester for internal combustion engines. T. J. Wiseman. 1,915,709; June 27.
- Tester, Tube. W. N. Goodwin, jr. 1,920,906; Aug. 1.
- Tester, Tube. D. E. Sparks. 1,918,495; July 18.
- Testing. C. L. Kasson. 1,905,412; Apr. 25.
- Testing and adjusting device. R. D. Gibson and J. B. Harley. 1,930,267; Oct. 10.
- Testing apparatus. D. S. Bond, C. S. Fuller, and C. L. Erickson. 1,938,684; Dec. 12.
- Testing apparatus. O. R. Burden. 1,921,986; Aug. 8.
- Testing apparatus. E. H. Cain. 1,922,792; Aug. 15.
- Testing apparatus. G. Q. Lewis. 1,921,624; Aug. 8.
- Testing apparatus. S. N. Senna. 1,901,359; Mar. 14.
- Testing apparatus. C. G. Suits and A. W. Hull. 1,933,351; Oct. 31.
- Testing apparatus and method. A. O. Austin. 1,923,565; Aug. 22.
- Testing apparatus, Automatic. A. B. Du Mont. 1,916,364; July 4.
- Testing apparatus, Brake. B. Twyman. 1,918,219; July 11.
- Testing apparatus, Vehicle. C. E. Starr. 1,918,063; July 11.
- Testing device. L. P. Kongsted. 1,914,808; June 20.
- Testing device. F. V. Larkin. 1,902,307; Mar. 21.
- Testing device. J. W. Legg. 1,936,796; Nov. 28.
- Testing device. A. Ludwig. 1,933,274; Oct. 31.
- Testing device. M. G. Markle and J. W. Leeming. 1,931,502; Oct. 24.
- Testing device. E. G. Thomas. 1,914,985; June 20.
- Testing device for internal combustion engines. J. J. Fernandez. 1,914,496; June 20.
- Testing device for lead bends or the like. O. J. Carraher. 1,909,251; May 16.
- Testing device for water systems. E. Kennedy. 1,904,688-9; Apr. 18.
- Testing device, Growler type. P. E. Chapman and C. L. Chittenden. 1,924,913; Aug. 29.
- Testing gauge. D. Bautz. 1,897,832; Feb. 14.
- Testing instrument. H. A. Parsons. 1,927,045; Sept. 19.
- Testing instrument and regulator. P. E. Chapman. 1,902,542; Mar. 21.
- Testing machine. J. H. Domina. 1,908,412; May 9.
- Testing machine. W. L. Eby. 1,905,270; Apr. 25.
- Testing machine. W. S. Hayford and J. R. Townsend. 1,937,115; Nov. 28.
- Testing machine. C. B. Thwing. 1,920,039; July 25.
- Testing machine. F. A. Valentine. 1,935,421; Nov. 14.
- Testing machine for beams. R. B. Lewis. 1,924,866; Aug. 29.
- Testing machine, Handgrip. G. H. Ramsey. 1,903,352; Apr. 4.
- Testing, Method of and apparatus for. W. L. Arnstein and V. E. Rinehart. 1,927,058; Sept. 19.
- Testing system. F. B. Anderson. 1,904,598; Apr. 18.
- Testing system. P. G. Edwards. 1,916,304; July 4.
- Testing system for space discharge devices. A. L. Samuel. 1,931,877; Oct. 24.
- Testing tool. L. B. Hearle and H. G. Hudson. 1,892,837; Jan. 3.
- Tether for children. S. C. Leffert. 1,904,480; Apr. 18.
- Tetra-acyl-glycochyl thuyilamines, Production of. G. Zemplén. 1,909,388; May 16.
- Tetrachlorethylene and hexachlorethane, Making. C. J. Strosacker and C. C. Schwegler. 1,930,350; Oct. 10.
- Tetrachlorobenzene, Preparing. L. E. Mills. 1,934,675; Nov. 7.
- Textile. S. P. Parker. 1,930,769; Oct. 17.
- Textile and other materials, Treatment of. G. H. Ellis, H. C. Olpin, and B. C. Storey. 1,900,172; Mar. 7.
- Textile and related industries, Production of assistants for the. H. Beller and H. Schuette. 1,914,321; June 13.
- Textile apparatus. A. Nau-Touron. 1,894,052; Jan. 10.
- Textile cover or similar article of manufacture. A. Schmitt. Des. 90,341; July 18.
- Textile drafting means. T. P. Rooney. 1,932,222; Oct. 31.
- Textile fabric. J. Black. Des. 90,470; Aug. 15.
- Textile fabric. J. Black. Des. 90,565; Aug. 29.
- Textile fabric. A. Bauer, jr., and R. Whewell. 1,936,495; Nov. 21.
- Textile fabric. M. Christen. Des. 90,359; July 25.
- Textile fabric. R. George. Des. 88,868-9; Jan. 3.
- Textile fabric. R. George. Des. 88,907; Jan. 3.
- Textile fabric. R. George. Des. 89,336; Feb. 28.
- Textile fabric. R. George. Des. 90,313; July 18.
- Textile fabric. E. Greenspan. Des. 90,274; July 4.
- Textile fabric. E. A. Harrell. Des. 90,530; Aug. 22.
- Textile fabric. A. N. Harrison. Des. 90,315; July 18.
- Textile fabric. A. N. Harrison. Des. 90,407-8; Aug. 1.
- Textile fabric. E. Hecker. Des. 90,275; July 4.
- Textile fabric. W. Heller. Des. 91,193-201; Dec. 19.
- Textile fabric. M. U. Juestrich. Des. 89,192; Feb. 7.
- Textile fabric. M. U. Juestrich. Des. 89,238-9; Feb. 7.
- Textile fabric. M. U. Juestrich. Des. 89,706; Apr. 25.
- Textile fabric. M. U. Juestrich. Des. 89,892-4; May 16.
- Textile fabric. M. U. Juestrich. Des. 90,003-4; May 23.
- Textile fabric. A. Kohut. Des. 91,165; Dec. 5.
- Textile fabric. A. Kohut. Des. 91,205; Dec. 19.
- Textile fabric. S. M. Kootz. Des. 90,033; May 30.
- Textile fabric. M. Manahan. Des. 89,780; May 2.
- Textile fabric. E. G. Meyers. Des. 90,332-3; July 18.
- Textile fabric. E. G. Meyers. Des. 90,626; Sept. 5.
- Textile fabric. P. Mouton. Des. 89,603-4; Apr. 11.
- Textile fabric. J. Persky. Des. 90,413-4; Aug. 1.
- Textile fabric. M. Poley. Des. 90,337; July 18.
- Textile fabric. E. M. Reist. Des. 89,026; Jan. 10.
- Textile fabric. R. Schey. Des. 89,380; Feb. 28.
- Textile fabric. S. Solomon. Des. 89,014-15; Jan. 10.
- Textile fabric. S. Solomon. Des. 89,161-2; Jan. 31.
- Textile fabric. S. Solomon. Des. 89,221; Feb. 7.
- Textile fabric. W. Speck. Des. 90,390; July 25.
- Textile fabric. M. Susi. Des. 90,392; July 25.
- Textile fabric. J. van der Does. Des. 88,892-4; Jan. 3.
- Textile fabric. J. van der Does. Des. 88,996; Jan. 10.
- Textile fabric. J. van der Does. Des. 89,163; Jan. 31.
- Textile fabric. P. A. Vorelman. Des. 90,039; May 30.
- Textile fabric. A. Von Eisenbarth. Des. 89,747; May 2.
- Textile fabric. A. Von Eisenbarth. Des. 90,603; Aug. 29.
- Textile fabric. J. Wolf, F. W. Kiel, and R. C. Kahrmann. Des. 90,174; June 20.
- Textile fabric. W. Zimmermann. Des. 89,855; May 9.
- Textile fabric collar or similar article. W. Willheim. Des. 88,897; Jan. 3.
- Textile fabric collar or similar article. W. Willheim. Des. 88,945; Jan. 3.
- Textile fabric, Cord embroidered. N. Eisenstadt. Des. 90,238; July 4.
- Textile fabric, Embroidered. J. Aemisegger. Des. 89,622; Apr. 18.
- Textile fabric, Embroidered. M. U. Juestrich. Des. 90,914; Oct. 24.
- Textile fabric, Impressed. B. Salzberg. Des. 90,818; Oct. 3.
- Textile fabric, Nailhead embroidered perforated. A. Friedensohn. Des. 91,062; Nov. 21.
- Textile fabric or a similar article, Embroidered. E. W. Freudenberg. Des. 89,277; Feb. 14.
- Textile fabric or a similar article, Embroidered. E. W. Freudenberg. Des. 89,392; Mar. 7.
- Textile fabric or similar article. J. Andelson. Des. 89,856; May 9.
- Textile fabric or similar article. A. Bacolini. Des. 88,851; Jan. 3.
- Textile fabric or similar article. F. Bridier. Des. 88,854; Jan. 3.
- Textile fabric or similar article. F. Bridier. Des. 88,948; Jan. 10.
- Textile fabric or similar article. F. Bridier. Des. 89,006-7; Jan. 10.
- Textile fabric or similar article. F. Bridier. Des. 89,367; Feb. 28.
- Textile fabric or similar article. F. Bridier. Des. 90,100; June 13.
- Textile fabric or similar article. F. Bridier. Des. 90,148-51; June 20.
- Textile fabric or similar article. M. Brodsky. Des. 88,855; Jan. 3.
- Textile fabric or similar article. M. Brodsky. Des. 89,022; Jan. 10.

- Textile fabric or similar article. M. Brodsky. Des. 89,119; Jan. 31.
 Textile fabric or similar article. M. Brodsky. Des. 89,165; Feb. 7.
 Textile fabric or similar article. M. Brodsky. Des. 89,480; Mar. 21.
 Textile fabric or similar article. M. Christen. Des. 89,023; Jan. 10.
 Textile fabric or similar article. M. Christen. Des. 90,895-6; Aug. 1.
 Textile fabric or similar article. M. Christen. Des. 90,435; Aug. 8.
 Textile fabric or similar article. M. Christen. Des. 90,648; Sept. 12.
 Textile fabric or similar article. W. Cohen. Des. 89,124-5; Jan. 31.
 Textile fabric or similar article. W. Cohen. Des. 89,148; Jan. 31.
 Textile fabric or similar article. W. Cohen. Des. 89,170; Feb. 7.
 Textile fabric or similar article. W. Cohen. Des. 90,477; Aug. 15.
 Textile fabric or similar article. W. Cohen. Des. 90,870; Oct. 17.
 Textile fabric or similar article. S. Cusson. Des. 90,401; Aug. 1.
 Textile fabric or similar article. S. Cusson. Des. 90,436; Aug. 8.
 Textile fabric or similar article. S. Cusson. Des. 90,479; Aug. 15.
 Textile fabric or similar article. N. Daly. Des. 90,836; Oct. 10.
 Textile fabric or similar article. E. M. Fogel. Des. 89,150; Jan. 31.
 Textile fabric or similar article. N. Garfunkl. Des. 88,908-10; Jan. 3.
 Textile fabric or similar article. J. M. Gottesman. Des. 88,866; Jan. 3.
 Textile fabric or similar article. J. M. Gottesman. Des. 88,870-2; Jan. 3.
 Textile fabric or similar article. J. M. Gottesman. Des. 88,961-4; Jan. 10.
 Textile fabric or similar article. J. M. Gottesman. Des. 89,024; Jan. 10.
 Textile fabric or similar article. J. M. Gottesman. Des. 89,504; Mar. 21.
 Textile fabric or similar article. J. M. Gottesman. Des. 89,837; May 9.
 Textile fabric or similar article. J. M. Gottesman. Des. 90,193; June 27.
 Textile fabric or similar article. J. M. Gottesman. Des. 90,243; July 4.
 Textile fabric or similar article. J. M. Gottesman. Des. 90,282; July 11.
 Textile fabric or similar article. J. M. Gottesman. Des. 90,314; July 18.
 Textile fabric or similar article. A. Grulich. Des. 88,966; Jan. 10.
 Textile fabric or similar article. A. Grulich. Des. 89,077-8; Jan. 24.
 Textile fabric or similar article. A. Grulich. Des. 90,406; Aug. 1.
 Textile fabric or similar article. M. Guhl. Des. 88,874; Jan. 3.
 Textile fabric or similar article. M. Guhl. Des. 88,911; Jan. 3.
 Textile fabric or similar article. M. Guhl. Des. 89,040-1; Jan. 17.
 Textile fabric or similar article. M. Guhl. Des. 89,066; Jan. 17.
 Textile fabric or similar article. M. Guhl. Des. 89,079-80; Jan. 24.
 Textile fabric or similar article. M. Guhl. Des. 89,110; Jan. 24.
 Textile fabric or similar article. M. Guhl. Des. 89,129; Jan. 31.
 Textile fabric or similar article. M. Guhl. Des. 89,151; Jan. 31.
 Textile fabric or similar article. M. Guhl. Des. 89,180-4; Feb. 7.
 Textile fabric or similar article. M. Guhl. Des. 89,374-5; Feb. 28.
 Textile fabric or similar article. M. Guhl. Des. 89,439-40; Mar. 14.
 Textile fabric or similar article. M. Guhl. Des. 89,505; Mar. 21.
 Textile fabric or similar article. M. Guhl. Des. 89,697; Apr. 25.
 Textile fabric or similar article. M. Guhl. Des. 89,757; May 2.
 Textile fabric or similar article. M. Guhl. Des. 89,859; May 9.
 Textile fabric or similar article. M. Guhl. Des. 90,030; May 30.
 Textile fabric or similar article. M. Guhl. Des. 90,070-1; June 6.
 Textile fabric or similar article. M. Guhl. Des. 90,114; June 13.
 Textile fabric or similar article. M. Guhl. Des. 90,136; June 13.
 Textile fabric or similar article. M. Guhl. Des. 90,244; July 4.
 Textile fabric or similar article. M. Guhl. Des. 90,843; Oct. 10.
 Textile fabric or similar article. M. Guhl. Des. 90,882; Oct. 17.
 Textile fabric or similar article. F. Headon. Des. 89,279-80; Feb. 14.
 Textile fabric or similar article. C. R. Hellman. Des. 88,875-6; Jan. 3.
 Textile fabric or similar article. C. R. Hellman. Des. 89,401; Mar. 7.
 Textile fabric or similar article. C. R. Hellman. Des. 89,464; Mar. 14.
 Textile fabric or similar article. C. R. Hellman. Des. 89,835; May 9.
 Textile fabric or similar article. C. R. Hellman. Des. 90,138; June 13.
 Textile fabric or similar article. A. C. Jaeger. Des. 89,640; Apr. 18.
 Textile fabric or similar article. G. M. King. Des. 90,583; Aug. 29.
 Textile fabric or similar article. G. M. King. Des. 90,662; Sept. 12.
 Textile fabric or similar article. A. Kohut. Des. 89,046; Jan. 17.
 Textile fabric or similar article. A. Kohut. Des. 89,068-70; Jan. 17.
 Textile fabric or similar article. A. Kohut. Des. 89,233; Feb. 7.
 Textile fabric or similar article. A. Kohut. Des. 89,528; Mar. 21.
 Textile fabric or similar article. A. Kohut. Des. 89,571; Apr. 4.
 Textile fabric or similar article. A. Kohut. Des. 90,159; June 20.
 Textile fabric or similar article. A. Kohut. Des. 90,322; July 18.
 Textile fabric or similar article. A. Kohut. Des. 90,718; Sept. 19.
 Textile fabric or similar article. A. Kohut. Des. 90,891; Oct. 17.
 Textile fabric or similar article. A. Kohut. Des. 90,950; Oct. 31.
 Textile fabric or similar article. H. J. Laun. Des. 89,201; Feb. 7.
 Textile fabric or similar article. M. Libert. Des. 89,008; Jan. 10.
 Textile fabric or similar article. J. Lukas. Des. 88,973; Jan. 10.
 Textile fabric or similar article. J. Lukas. Des. 89,136-7; Jan. 31.
 Textile fabric or similar article. J. Lukas. Des. 89,777; May 2.
 Textile fabric or similar article. J. Lukas. Des. 90,325-6; July 18.
 Textile fabric or similar article. J. J. Maibach. Des. 90,587; Aug. 29.
 Textile fabric or similar article. I. J. Marks. Des. 89,402; Mar. 7.
 Textile fabric or similar article. G. Matifas. Des. 90,671; Sept. 12.
 Textile fabric or similar article. W. H. Mayer. Des. 89,647; Apr. 18.
 Textile fabric or similar article. R. Megroz. Des. 88,886-7; Jan. 3.
 Textile fabric or similar article. R. Megroz. Des. 88,928; Jan. 3.
 Textile fabric or similar article. R. Megroz. Des. 89,071; Jan. 17.
 Textile fabric or similar article. H. S. Murray. Des. 90,163; June 20.
 Textile fabric or similar article. L. F. Orcutt. Des. 89,089; Jan. 24.
 Textile fabric or similar article. J. Overmeyer. Des. 88,930; Jan. 3.
 Textile fabric or similar article. J. Overmeyer. Des. 88,981; Jan. 10.
 Textile fabric or similar article. J. Overmeyer. Des. 89,011-12; Jan. 10.
 Textile fabric or similar article. J. Overmeyer. Des. 89,020; Jan. 10.
 Textile fabric or similar article. J. Overmeyer. Des. 89,025; Jan. 10.
 Textile fabric or similar article. J. Overmeyer. Des. 89,090; Jan. 24.
 Textile fabric or similar article. J. Overmeyer. Des. 89,139; Jan. 31.
 Textile fabric or similar article. J. Overmeyer. Des. 89,206; Feb. 7.
 Textile fabric or similar article. J. Overmeyer. Des. 89,244; Feb. 7.
 Textile fabric or similar article. J. Overmeyer. Des. 90,260; July 4.
 Textile fabric or similar article. J. Overmeyer. Des. 90,505; Aug. 15.
 Textile fabric or similar article. G. M. Pulitzer. Des. 90,506-8; Aug. 15.
 Textile fabric or similar article. G. M. Pulitzer. Des. 90,550-1; Aug. 22.
 Textile fabric or similar article. G. M. Pulitzer. Des. 90,729; Sept. 19.
 Textile fabric or similar article. P. Reiman. Des. 89,209; Feb. 7.
 Textile fabric or similar article. P. Reiman. Des. 89,995-90,000; May 23.
 Textile fabric or similar article. P. Reiman. Des. 90,006; May 23.

- Textile fabric or similar article. P. Reiman. Des. 90,049-51; May 30.
 Textile fabric or similar article. P. Reiman. Des. 90,141; June 13.
 Textile fabric or similar article. P. Reiman. Des. 90,416; Aug. 1.
 Textile fabric or similar article. E. W. Richards. Des. 89,154; Jan. 31.
 Textile fabric or similar article. A. Rota. Des. 90,418; Aug. 1.
 Textile fabric or similar article. L. J. Rother. Des. 89,094; Jan. 24.
 Textile fabric or similar article. L. Rubinger. Des. 89,357; Feb. 28.
 Textile fabric or similar article. L. Rubinger. Des. 89,379; Feb. 28.
 Textile fabric or similar article. L. Rubinger. Des. 90,419-23; Aug. 1.
 Textile fabric or similar article. W. Schmid. Des. 90,340; July 18.
 Textile fabric or similar article. J. Schweizer. Des. 88,989-94; Jan. 10.
 Textile fabric or similar article. J. Schweizer. Des. 89,027; Jan. 10.
 Textile fabric or similar article. J. Schweizer. Des. 89,140; Jan. 31.
 Textile fabric or similar article. J. Schweizer. Des. 89,143-4; Jan. 31.
 Textile fabric or similar article. J. Schweizer. Des. 89,155-60; Jan. 31.
 Textile fabric or similar article. J. Schweizer. Des. 89,215-16; Feb. 7.
 Textile fabric or similar article. J. Schweizer. Des. 89,248; Feb. 7.
 Textile fabric or similar article. J. Schweizer. Des. 89,266; Feb. 14.
 Textile fabric or similar article. J. Schweizer. Des. 89,513; Mar. 21.
 Textile fabric or similar article. J. Schweizer. Des. 89,553; Mar. 28.
 Textile fabric or similar article. J. Schweizer. Des. 89,595; Apr. 11.
 Textile fabric or similar article. J. Schweizer. Des. 89,794-7; May 2.
 Textile fabric or similar article. J. Schweizer. Des. 90,007; May 23.
 Textile fabric or similar article. J. Schweizer. Des. 90,263; July 4.
 Textile fabric or similar article. J. Schweizer. Des. 90,344; July 18.
 Textile fabric or similar article. M. H. Smith. Des. 89,382; Feb. 28.
 Textile fabric or similar article. W. Speck. Des. 90,426; Aug. 1.
 Textile fabric or similar article. W. Speck. Des. 90,460; Aug. 8.
 Textile fabric or similar article. G. Steinholz. Des. 89,618; Apr. 18.
 Textile fabric or similar article. M. A. Susi. Des. 90,348; July 18.
 Textile fabric or similar article. M. A. Susi. Des. 90,514; Aug. 15.
 Textile fabric or similar article. A. M. Thompson. Des. 90,171; June 20.
 Textile fabric or similar article. H. L. Van Benthuyssen. Des. 90,430; Aug. 1.
 Textile fabric or similar article. G. Virgile. Des. 88,900; Jan. 3.
 Textile fabric or similar article. G. Virgile. Des. 89,671; Apr. 18.
 Textile fabric or similar article. P. A. Vogelmann. Des. 89,472; Mar. 14.
 Textile fabric or similar article. E. Wax. Des. 90,005; May 23.
 Textile fabric or similar article. E. Wax. Des. 90,058; May 30.
 Textile fabric or similar article. I. A. Weitz. Des. 89,324; Feb. 21.
 Textile fabric or similar article. I. A. Weitz. Des. 89,940; May 16.
 Textile fabric or similar article. W. Willheim. Des. 88,895-6; Jan. 3.
 Textile fabric or similar article. W. Willheim. Des. 88,899; Jan. 3.
 Textile fabric or similar article. W. Willheim. Des. 88,935-44; Jan. 3.
 Textile fabric or similar article. W. Willheim. Des. 88,998-003; Jan. 10.
 Textile fabric or similar article. W. Willheim. Des. 89,016-18; Jan. 10.
 Textile fabric or similar article. W. Willheim. Des. 89,028-9; Jan. 10.
 Textile fabric or similar article. W. Willheim. Des. 89,064; Jan. 17.
 Textile fabric or similar article. W. Willheim. Des. 89,101-8; Jan. 24.
 Textile fabric or similar article. W. Willheim. Des. 89,147; Jan. 31.
 Textile fabric or similar article. W. Willheim. Des. 89,229-31; Feb. 7.
 Textile fabric or similar article. W. Willheim. Des. 89,249-50; Feb. 7.
 Textile fabric or similar article. W. Willheim. Des. 89,271-2; Feb. 14.
 Textile fabric or similar article. W. Willheim. Des. 89,289-92; Feb. 14.
 Textile fabric or similar article. W. Willheim. Des. 89,322-3; Feb. 21.
 Textile fabric or similar article. W. Willheim. Des. 89,366; Feb. 28.
 Textile fabric or similar article. W. Willheim. Des. 89,458; Mar. 14.
 Textile fabric or similar article. W. Willheim. Des. 89,474-8; Mar. 14.
 Textile fabric or similar article. W. Willheim. Des. 89,543; Mar. 21.
 Textile fabric or similar article. W. Willheim. Des. 89,557; Mar. 28.
 Textile fabric or similar article. W. Willheim. Des. 89,580-1; Apr. 4.
 Textile fabric or similar article. W. Willheim. Des. 89,605; Apr. 11.
 Textile fabric or similar article. W. Willheim. Des. 89,665; Apr. 18.
 Textile fabric or similar article. W. Willheim. Des. 89,810-11; May 2.
 Textile fabric or similar article. W. Willheim. Des. 89,861-2; May 9.
 Textile fabric or similar article. W. Willheim. Des. 89,982; May 23.
 Textile fabric or similar article. W. Willheim. Des. 90,221; June 27.
 Textile fabric or similar article. W. Willheim. Des. 90,273; July 4.
 Textile fabric or similar article. W. Willheim. Des. 90,465-6; Aug. 8.
 Textile fabric or similar article. W. Willheim. Des. 90,605-6; Aug. 29.
 Textile fabric or similar article of manufacture. A. J. Heinke. Des. 89,342; Feb. 28.
 Textile fabric or similar article of manufacture. A. J. Heinke. Des. 89,400; Mar. 7.
 Textile fabric or similar article of manufacture. A. J. Heinke. Des. 89,506; Mar. 21.
 Textile fabric or similar article, Printed. M. Beboutoff. Des. 88,901; Jan. 3.
 Textile fabric or similar article, Printed. P. Journoud. Des. 88,877; Jan. 3.
 Textile fabric or similar article, Printed. J. Piénoz. Des. 89,092; Jan. 24.
 Textile fabric or the like. B. Altman. Des. 88,847-8; Jan. 3.
 Textile fabric or the like. M. Brodsky. Des. 89,368-72; Feb. 28.
 Textile fabric or the like. M. Brodsky. Des. 89,672; Apr. 18.
 Textile fabric or the like. R. E. Fatherley. Des. 90,403-4; Aug. 1.
 Textile fabric or the like. R. E. Fatherly. Des. 90,437; Aug. 8.
 Textile fabric or the like. A. Grulich. Des. 89,398; Mar. 7.
 Textile fabric or the like. M. Guhl. Des. 91,136; Dec. 5.
 Textile fabric or the like. M. R. Hamre. Des. 89,186; Feb. 7.
 Textile fabric or the like. M. R. Hamre. Des. 89,376; Feb. 28.
 Textile fabric or the like. A. J. Heinke. Des. 88,913; Jan. 3.
 Textile fabric or the like. A. J. Heinke. Des. 89,188-9; Feb. 7.
 Textile fabric or the like. A. J. Heinke. Des. 89,442; Mar. 14.
 Textile fabric or the like. H. J. Loun. Des. 88,882; Jan. 3.
 Textile fabric or the like. J. Lukas. Des. 88,883; Jan. 3.
 Textile fabric or the like. J. Lukas. Des. 88,970-2; Jan. 10.
 Textile fabric or the like. J. Lukas. Des. 89,009; Jan. 10.
 Textile fabric or the like. J. Lukas. Des. 89,049; Jan. 17.
 Textile fabric or the like. J. Lukas. Des. 91,141; Dec. 5.
 Textile fabric or the like. J. Maisch. Des. 88,884-5; Jan. 3.
 Textile fabric or the like. J. Maisch. Des. 89,779; May 2.
 Textile fabric or the like. R. S. Maraniss. Des. 89,669; Apr. 18.
 Textile fabric or the like. J. Martin. Des. 90,813; Oct. 3.
 Textile fabric or the like. G. Megroz. Des. 89,010; Jan. 10.
 Textile fabric or the like. G. Megroz. Des. 89,404; Mar. 7.
 Textile fabric or the like. G. Megroz. Des. 89,648-50; Apr. 18.
 Textile fabric or the like. G. Megroz. Des. 90,894; Oct. 17.
 Textile fabric or the like. H. J. Nerger. Des. 89,351; Feb. 28.
 Textile fabric or the like. H. J. Nerger. Des. 89,378; Feb. 28.
 Textile fabric or the like. H. J. Nerger. Des. 89,592; Apr. 11.
 Textile fabric or the like. H. J. Nerger. Des. 89,785; May 2.
 Textile fabric or the like. P. Reiman. Des. 90,415; Aug. 1.
 Textile fabric or the like. W. D. Roberson. Des. 88,986; Jan. 10.

- Textile fabric or the like. W. D. Roberson. Des. 89,594; Apr. 11.
- Textile fabric or the like. J. Schweizer. Des. 88,933; Jan. 3.
- Textile fabric or the like. J. Schweizer. Des. 88,988; Jan. 10.
- Textile fabric or the like. J. Schweizer. Des. 89,059; Jan. 17.
- Textile fabric or the like. J. Schweizer. Des. 89,267; Feb. 14.
- Textile fabric or the like. J. Schweizer. Des. 89,381; Feb. 28.
- Textile fabric or the like. J. Schweizer. Des. 89,454; Mar. 14.
- Textile fabric or the like. E. E. Sherwin. Des. 90,215; June 27.
- Textile fabric or the like. E. E. Sherwin. Des. 90,424; Aug. 1.
- Textile fabric or the like. M. A. Susi. Des. 91,147-8; Dec. 5.
- Textile fabric or the like. G. V. Tilliard. Des. 89,456; Mar. 14.
- Textile fabric or the like, Embroidered. W. G. Meier. Des. 89,432; Mar. 7.
- Textile fabric trimming, Embroidered. E. G. Zulling. Des. 89,600; Apr. 11.
- Textile fabrics, Ageing or steaming printed. C. H. Masland, 2d, 1,907,429; May 9.
- Textile fabrics, Apparatus for treating. J. H. Andresen. 1,917,419; July 11.
- Textile fabrics, Treatment of. K. S. Laurie. 1,896,588; Feb. 7.
- Textile fibers and a process of sizing textile fibers. Agents for sizing. K. Joshum, A. Voss, H. Geier, and E. Dickhauser. 1,920,564; Aug. 1.
- Textile fibers and fabrics, Greasing. W. Schrauth. 1,936,484; Nov. 21.
- Textile fibers and yarns, Moistening. C. F. Dülken. 1,940,906; Dec. 26.
- Textile fibers by means of dyes formed by oxidation, Dyeing and printing of. M. Battagay. 1,921,148; Aug. 8.
- Textile fibers, Device for spinning and twisting. G. N. Goddard. 1,905,280; Apr. 25.
- Textile fibers, Drafting. L. M. Cotchett. 1,905,268; Apr. 25.
- Textile fibers. Dyeing and printing. W. Mieg and R. M. Heidenreich. 1,903,870-1; Apr. 18.
- Textile fibers, Washing and cleansing. H. Ulrich and C. Schuster. 1,935,217; Nov. 14.
- Textile fibers with recovery of the volatile solvents, Apparatus for dry-spinning artificial. E. Viviani. 1,902,922; Mar. 28.
- Textile for making one-piece cut-out aprons, Printed. H. Goldberger. 1,898,950; Feb. 21.
- Textile machinery. J. R. Fant. 1,907,180; May 2.
- Textile machinery. S. M. Fulton. 1,935,242; Nov. 14.
- Textile machine, Automatic. E. L. Floyd. 1,929,970; Oct. 10.
- Textile machines, Controlling mechanism for full fashion. G. S. Welnerth. 1,901,422; Mar. 14.
- Textile material. L. Knecht. 1,913,397; June 13.
- Textile material and dyeing the same. C. B. White. 1,914,059; June 13.
- Textile material and making the same. C. Dreyfus and G. Schneider. 1,914,491; June 20.
- Textile material and making the same, Nonsrinkable. H. R. Haertel. 1,928,354; Sept. 26.
- Textile material and preparing the same. C. Dreyfus and H. Platt. 1,897,793; Feb. 14.
- Textile material, Coloration of. A. Mellor and D. T. McLellan. 1,893,239; Jan. 3.
- Textile material, Method and apparatus for treating. C. W. Leguillon. 1,905,916; Apr. 25.
- Textile material, Nonsrinkable. H. R. Haertel. 1,928,355; Sept. 26.
- Textile material permanently flexible, weatherproof, and fire resistant, Making. H. W. Turner. 1,901,678; Mar. 14.
- Textile materials and product thereof, Coloring. R. G. Dort. 1,895,243; Jan. 24.
- Textile materials, Apparatus for treating. F. Schuster. 1,927,955; Sept. 26.
- Textile materials, Dyeing of. W. Whitehead. 1,927,144; Sept. 19.
- Textile materials, Manufacture of. W. I. Taylor. 1,907,893; May 9.
- Textile materials, Production of. W. I. Taylor. 1,933,607; Nov. 7.
- Textile materials, Treatment of. G. H. Ellis. 1,925,178; Sept. 5.
- Textile materials, Treatment of. G. H. Ellis and W. B. Miller. 1,922,033; Aug. 15.
- Textile materials, Vegetable. L. Lilienfeld. 1,922,308; Aug. 15.
- Textile materials with aqueous liquids, Treatment of. J. Nuesslein and H. Schuette. 1,914,331; June 13.
- Textile mechanism. E. J. Abbott. 1,917,221; July 11.
- Textile mechanism. E. J. Abbott. 1,940,476-8; Dec. 19.
- Textile network, Forming. E. J. Monville. 1,936,434; Nov. 21.
- Textile operation. S. M. Fulton. 1,935,243; Nov. 14.
- Textile packaging. K. D. MacColl. 1,922,969; Aug. 15.
- Textile pest proofing media. W. Hentrich, M. Hardtmann, P. Backets, and H. Stötter. 1,903,864; Apr. 18.
- Textile printing machine, Intermittent color. A. and A. McNicol, L. A. Gill, and S. B. Stafford. 1,924,614; Aug. 29.
- Textile products, Method and apparatus for finishing. E. J. Berger, H. W. Matthews, and G. W. Spayd. 1,926,694; Sept. 12.
- Textile tape package. W. M. Camp. 1,915,815; June 27.
- Textile trimming material. A. K. Billstein. 1,930,121; Oct. 10.
- Textiles, Manufacturing artificial. O. Leubi. 1,933,019; Oct. 31.
- Textile vegetable fibers into threads having the texture of wool, Conversion of. F. G. Maillard. 1,921,935; Aug. 8.
- Textiles and agents therefor, Treatment of. H. Ulrich and J. Nuesslein. 1,923,179; Aug. 22.
- Textiles and composition used in the method, Treating. H. I. Jones. 1,921,926; Aug. 8.
- Textiles, Dyeing. W. G. Abbott, jr. 1,899,004; Feb. 28.
- Thawing and steaming apparatus. W. C. Elze. 1,933,247; Oct. 31.
- Thawing appliance. A. F. T. Harrower. 1,936,391; Nov. 21.
- Thawing composition. U. Ehrhardt. 1,915,018; June 20.
- Thawing device. F. E. Richardson. 1,927,848; Sept. 26.
- Theater. J. S. Clarke, jr. Des. 90,751; Sept. 26.
- Theater. J. P. Stockton. 1,903,948; Apr. 18.
- Theater and apparatus, Motion picture. J. Weinberger. 1,903,950; Apr. 18.
- Theater chair. F. Fredrickson. 1,929,971; Oct. 10.
- Theater Drive-in. R. M. Hollingshead, Jr. 1,909,537; May 16.
- Theft of automobiles, Device for preventing. H. Hippold. 1,923,310; Aug. 22.
- Theft-preventing device. H. A. Hippold and M. M. Gottlieb. 1,909,959; May 23.
- Theft preventing device. G. Karl. 1,895,251; Jan. 24.
- Theft prevention device. W. Nicham. 1,924,746; Aug. 29.
- Theft prevention device for vehicles. A. C. Ulloa. 1,940,380; Dec. 19.
- Theftproof lamp. J. P. Peth. 1,914,702; June 20.
- Theobromine extracting process. J. H. Kellogg, G. L. and W. K. Teller. 1,925,326; Sept. 5.
- Therapeutic agent. F. Dunning. 1,932,886; Oct. 31.
- Therapeutic agent. E. H. Eising. 1,919,055; July 18.
- Therapeutic apparatus. W. J. Kirk. 1,914,026; June 18.
- Therapeutic apparatus, Portable. A. E. Mueller. 1,936,405; Nov. 21.
- Therapeutic appliance. F. A. Anderson. 1,940,671; Dec. 26.
- Therapeutic appliance. J. D. Burkholder. 1,921,343; Aug. 8.
- Therapeutic appliance. G. E. Crosley. 1,916,561; July 4.
- Therapeutic articulating apparatus. P. Henze and G. S. Gillberg. 1,914,202; June 13.
- Therapeutic compound. W. P. Larson and M. Bye. 1,936,457; Nov. 21.
- Therapeutic compound and producing it. G. B. Walden. 1,894,247; Jan. 10.
- Therapeutic device. W. S. Glennan. 1,910,328; May 23.
- Therapeutic device. J. S. Torrence. 1,910,135; May 23.
- Therapeutic extract. E. A. Sharp, C. C. Sturgis, and R. Isaacs. 1,937,133; Nov. 28.
- Therapeutic lamp. R. C. Jacquelet and J. G. H. Liebel. 1,935,294; Nov. 14.
- Therapeutic lamp. W. T. Lewis. 1,911,196; May 30.
- Therapeutic preparation. W. P. Larson. 1,936,456; Nov. 21.
- Therapeutical preparation. M. M. Becker. 1,935,497; Nov. 14.
- Thermal composition of matter. H. S. Levenson. 1,894,775; Jan. 17.
- Thermal conductivity cells, Construction of. W. O. Hebler and W. F. Hamilton. 1,918,702; July 18.
- Thermal control device. D. E. Renshaw and H. L. Thomas. 1,930,539; Oct. 17.
- Thermal controller. J. M. Barr. 1,930,638; Oct. 17.
- Thermal electric meter. P. M. Lincoln. 1,940,759; Dec. 26.
- Thermal energy in heating systems, Apparatus for utilizing and controlling the. T. A. Peebles. 1,927,215; Sept. 19.
- Thermal insulation. J. M. Le Grand. 1,910,703; May 23.
- Thermal insulation. R. H. McKee. 1,915,940; June 27.
- Thermal meter. J. Fischer. 1,934,595; Nov. 7.
- Thermal protective device. G. Long. 1,926,592; Sept. 12.
- Thermal relay. L. J. Gorman. 1,915,854; June 27.
- Thermal relay. G. W. O'Keeffe. 1,910,494; May 23.
- Thermal relay. P. McShane. 1,939,076; Dec. 12.
- Thermal relay. J. E. Willing. 1,902,793; Mar. 21.
- Thermal relay. W. R. Wood. 1,936,779; Nov. 28.
- Thermal relay for refrigerating mechanisms. E. M. Post, Jr., and G. O. Hanshaw. 1,938,858; Dec. 12.
- Thermal responsive device. A. Cohn and F. Dausinger. 1,899,558; Feb. 28.
- Thermal switch. C. W. Appelberg. 1,935,761-2; Nov. 21.
- Thermal switch. C. W. Appelberg and H. O. Borgström. 1,894,843; Jan. 17.
- Thermal unit system. E. V. Hill. 1,909,466; May 16.
- Thermic switch. E. C. Raney. 1,907,666; May 9.
- Thermic switch. E. C. Raney. 1,907,869; May 9.
- Thermic switch. E. C. Raney. 1,932,988; Oct. 31.
- Thermionic apparatus. W. D. Coolidge. 1,907,508; May 9.

- Thermionic device. A. W. Hull and W. A. Ruggles. 1,924,318; Aug. 29.
- Thermionic device. E. A. Rockwell. 1,932,677; Oct. 31.
- Thermionic device, Alternating current heated. E. Oosterhuis. 1,938,636; Dec. 12.
- Thermionic devices, Manufacture of. L. H. Bedford. 1,921,067; Aug. 8.
- Thermionic tube. K. W. Daumann. 1,917,703; July 11.
- Thermionic tube. C. L. Davis. 1,906,048; Apr. 25.
- Thermionic tube. C. S. Franklin. 1,904,436; Apr. 18.
- Thermionic tube. C. S. Franklin. 1,906,453; May 2.
- Thermionic tube. F. S. McCullough. 1,937,201; Nov. 28.
- Thermionic tube. R. Rüdenberg. 1,937,846; Dec. 5.
- Thermionic tube amplifier. W. L. Carlson. 1,910,239; May 23.
- Thermionic tube, Anticapacity. F. S. McCullough. 1,937,202; Nov. 28.
- Thermionic tube construction. H. W. Parker. 1,941,107; Dec. 26.
- Thermionic tube power converter. C. J. Biver. 1,938,208; Dec. 5.
- Thermionic tube power converter. C. J. Biver. 1,938,210; Dec. 5.
- Thermionic tube power converter. C. J. Biver and G. W. Bain. 1,938,209; Dec. 5.
- Thermionic tube power converter. C. J. Biver and G. W. Bain. 1,938,212; Dec. 5.
- Thermionic vacuum tube. H. M. Freeman and W. G. Wade. 1,909,051; May 16.
- Thermionic valve. W. R. Bullimore. 1,922,926; Aug. 15.
- Thermionic valve. H. W. Houck. 1,905,872; Apr. 25.
- Thermionic valve. H. C. Reagan. 1,940,185; Dec. 19.
- Thermionic valve. J. Robinson. 1,908,920; May 16.
- Thermionic valve. H. J. Round. 1,909,594; May 16.
- Thermionic vapor tube. C. J. Biver. 1,938,211; Dec. 5.
- Thermoelectric device. P. E. Klopsteg. 1,893,748; Jan. 10.
- Thermoelectric element and thermocouple. O. Hermann. 1,920,559; Aug. 1.
- Thermometer. F. J. Addis. 1,896,503; Feb. 7.
- Thermometer. E. G. Bayer. 1,893,388; Jan. 3.
- Thermometer. H. B. Brown. 1,909,391; May 16.
- Thermometer. H. Hastings. 1,926,808; Sept. 12.
- Thermometer. H. Y. Norwood. 1,897,326; Feb. 14.
- Thermometer. A. J. Otto. 1,917,457; July 11.
- Thermometer. M. Philippen. 1,918,130; July 11.
- Thermometer. R. Schiebel. 1,906,423; May 2.
- Thermometer. W. D. Teague. Des. 89,619; Apr. 18.
- Thermometer. W. D. Teague. Des. 89,621; Apr. 18.
- Thermometer. W. D. Teague. Des. 90,790; Sept. 26.
- Thermometer and barometer, Combined. H. Neuwirth. Des. 90,043; May 30.
- Thermometer and bracket, Combined. W. D. Teague. 89,578; Apr. 4.
- Thermometer case. H. E. Stonebraker. 1,919,811; July 25.
- Thermometer case, Clinical. E. D. Tichenor. 1,929,338; Oct. 3.
- Thermometer casing, Combination. W. C. Bailey. 1,904,776; Apr. 18.
- Thermometer, Clinical. L. Eisele. 1,932,578; Oct. 31.
- Thermometer, Clinical. L. E. Greiner. 1,919,630; July 25.
- Thermometer, Clinical. T. Morishita. 1,931,963; Oct. 24.
- Thermometer construction. H. Neuwirth. 1,909,708; May 16.
- Thermometer, Oven. G. J. Day. 1,900,696; Mar. 7.
- Thermometer, Side-wall. F. A. Nodine. 1,897,814; Feb. 14.
- Thermometer stems, Method and apparatus for molding. M. E. Moeller. 1,913,559; June 13.
- Thermometer, Surgical. K. Akashi. 1,903,432; Apr. 11.
- Thermometer, Universal scale dairy. R. M. Wilhelm and D. C. Lightner. 1,892,689; Jan. 3.
- Thermo-microscopic arrangement. H. Riepert. 1,937,206; Nov. 28.
- Thermoplastics and making same, Decorated. J. F. Walsh and B. Andersen. 1,899,068; Feb. 28.
- Thermo-regulator. P. E. Klopsteg. 1,931,731; Oct. 24.
- Thermoresponsive restraining device. W. L. Poessner. 1,894,425; Jan. 17.
- Thermostat. H. B. Ackerman. 1,933,083; Oct. 31.
- Thermostat. E. W. Ballentine. 1,932,380; Oct. 24.
- Thermostat. E. Burkle. 1,924,540; Aug. 29.
- Thermostat. A. A. Dicke. 1,931,464; Oct. 17.
- Thermostat. O. H. Dicke. 1,925,715; Sept. 5.
- Thermostat. W. Eichholz and R. W. Leutwiler. 1,921,312; Aug. 8.
- Thermostat. C. F. Germeyer. 1,896,579; Feb. 7.
- Thermostat. F. Gotthardt. 1,925,530; Sept. 5.
- Thermostat. C. A. Hanser and E. A. Lockwood. 1,916,671; July 4.
- Thermostat. A. J. Kercher. 1,905,233; Apr. 25.
- Thermostat. F. Kuhn and L. H. Thomas. 1,916,669; July 4.
- Thermostat. H. A. Mantz. 1,919,473; July 25.
- Thermostat. C. E. McGregor. 1,924,647; Aug. 29.
- Thermostat. A. H. Osgood. 1,922,451; Aug. 15.
- Thermostat. L. M. Persons. 1,918,778; July 18.
- Thermostat. F. A. Pfeifer. 1,906,487; May 2.
- Thermostat. L. Satchwell. 1,914,675; June 20.
- Thermostat. S. P. Vaughn. 1,901,831; Mar. 21.
- Thermostat. S. P. Vaughn. 1,919,265; July 25.
- Thermostat. S. P. Vaughn. 1,923,720; Aug. 15.
- Thermostat. A. A. Warner. 1,910,510; May 23.
- Thermostat. F. A. Whiteley. 1,902,979; Mar. 28.
- Thermostat and similar device. A. J. and C. A. Otto. 1,897,857; Feb. 14.
- Thermostat and switch, Multiple control. C. E. Armstrong. 1,937,458; Nov. 23.
- Thermostat, Bimetal. H. Scott. 1,902,589; Mar. 21.
- Thermostat, Bimetal. H. Scott. 1,939,085; Dec. 12.
- Thermostat construction. A. Doble. 1,911,066; May 23.
- Thermostat control. S. G. Frantz, B. S. McCutchen, and W. V. Roberts. 1,917,880; July 11.
- Thermostat control device. E. W. McKinley. 1,928,497; Sept. 26.
- Thermostat, Direct-acting heater control. E. L. Fonseca. 1,931,863; Oct. 24.
- Thermostat for electric oven. E. L. Fonseca. 1,941,080; Dec. 26.
- Thermostat for fire alarm systems. J. M. Johnson. 1,894,746; Jan. 17.
- Thermostat for refrigerating apparatus. F. R. Bichowsky. 1,915,265; June 20.
- Thermostat, Mercury switch. G. J. Warnke. 1,913,135; June 6.
- Thermostat, Shutter. J. V. Giesler. 1,935,118; Nov. 14.
- Thermostat switch. C. W. Appelberg. 1,894,842; Jan. 17.
- Thermostat switch. J. R. Beers. 1,894,150; Jan. 10.
- Thermostat switch. A. E. Grant and S. W. Vanderbeek. 1,899,955; Mar. 7.
- Thermostat, Temperature indicating. E. A. Rutenber. 1,930,062; Oct. 10.
- Thermostatic apparatus. S. A. Stevens and E. G. Ryan. 1,915,137; June 20.
- Thermostatic control. W. Noble. 1,909,592; May 16.
- Thermostatic control. C. M. Selby. 1,902,105; Mar. 21.
- Thermostatic control device. W. Chism. 1,925,686; Sept. 5.
- Thermostatic control device. J. Marchese and W. R. James. 1,917,658; July 11.
- Thermostatic control for electric heaters. F. Kuhn. 1,893,558; Jan. 10.
- Thermostatic control for electric ovens. E. L. Fonseca. 1,910,533; May 23.
- Thermostatic control for vapor electric devices. P. M. Currier. 1,941,339; Dec. 26.
- Thermostatic controlling device. P. J. and C. H. Jorgensen. 1,902,858; Mar. 28.
- Thermostatic device. W. W. Carson, jr. 1,936,324; Nov. 21.
- Thermostatic device. J. H. Derby. 1,938,583; Dec. 12.
- Thermostatic device. J. V. Durnin. 1,913,920; June 13.
- Thermostatic device. G. H. Hart. 1,933,801; Nov. 7.
- Thermostatic heater. J. A. Spencer. 1,912,921; June 6.
- Thermostatic liquid flow control device. C. F. Semon and A. L. Semon. 1,929,610; Oct. 10.
- Thermostatic radiation indicator. P. Garms and G. L. Diggles. 1,904,129; Apr. 18.
- Thermostatic switch. H. Baither. 1,937,305; Nov. 28.
- Thermostatic switch. E. Bletz. 1,914,105; June 13.
- Thermostatic switch. J. W. Bohne. 1,909,250; May 16.
- Thermostatic switch. E. K. Clark. 1,899,671; Feb. 28.
- Thermostatic switch. H. G. Dybvig. 1,905,823; Apr. 25.
- Thermostatic switch. H. H. Fogwell. 1,892,938; Jan. 3.
- Thermostatic switch. B. E. Getchell. 1,919,327; July 25.
- Thermostatic switch. R. W. Johnson. 1,902,452; Mar. 21.
- Thermostatic switch. H. E. Lines. 1,941,310; Dec. 26.
- Thermostatic switch. L. K. Marshall. 1,897,316; Feb. 14.
- Thermostatic switch. R. W. McBrien and N. F. Wilson. 1,914,725; June 20.
- Thermostatic switch. E. G. Petersen. 1,938,929; Dec. 12.
- Thermostatic switch. L. Satchwell. 1,914,676; June 20.
- Thermostatic valve. A. J. Donohue. 1,936,502; Nov. 21.
- Thermostatic valve. W. T. Jones. 1,911,230; May 30.
- Thermostatic valve. S. P. Vaughn. 1,897,155; Feb. 14.
- Thermostatically controlled heater. F. W. Birch. 1,898,419; Feb. 21.
- Thermostatically controlled valve. T. W. Carraway. 1,905,683; Apr. 25.
- Thermostatically operative valve. R. J. Dougherty. 1,926,000; Sept. 5.
- Thiazole derivatives, Manufacturing. R. L. Sibley. 1,936,099; Nov. 21.
- Thiazoles and making them, Mercapto aryl. S. M. Cadwell. 1,905,798; Apr. 25.
- Thiazoles, Manufacturing. H. A. Lubs. 1,911,085; May 23.
- Thickener. J. F. Borden. 1,940,993; Dec. 26.
- Thickener. A. C. Daman. 1,907,746; May 9.
- Thickener. G. M. Darby and E. J. Maust. 1,938,894; Dec. 12.
- Thickener, Centrifugal. R. H. Cottrell. 1,900,394; Mar. 7.
- Thin place preventer, Automatic. W. F. Clayton. 1,930,001; Oct. 10.
- Thiocyanate solutions, Treating. K. Keller. 1,908,515; May 9.
- Thiocyanates, Treating. C. J. Hansen. 1,894,252; Jan. 10.
- Thiocyanates, Treating. C. J. Hansen. 1,901,844; Mar. 14.
- Thiocyanogen compounds, Treating. C. J. Hansen. 1,932,819; Oct. 31.
- Thorium dioxide sol and making the same. R. Zellmann. 1,918,884; July 18.
- Thread. S. J. Hayes. 1,917,938; July 11.
- Thread and making the same, Rubber. L. B. Chisholm. 1,894,461; Jan. 17.
- Thread and yarn clearer. S. Hyslop. 1,922,683; Aug. 15.

- Thread, Artificial. W. Seidel and A. Ernecke. 1,898,502; Feb. 21.
- Thread, Ascertaining and recording the thickness or denier of. J. Brenzinger. 1,940,072; Dec. 19.
- Thread-case for sewing machines. G. A. Fleckenstein. 1,931,456; Oct. 17.
- Thread changing mechanism for striping attachments, Automatic. F. W. Robinson. 1,937,595; Dec. 5.
- Thread cleaner. R. Shipman. 1,914,303; June 13.
- Thread cleaner and mounting therefor. R. Shipman. 1,914,304; June 13.
- Thread control mechanism. C. W. H'Doubler. 1,938,018; Dec. 5.
- Thread controlling device for cross thread laying mechanisms. J. R. Moffatt. 1,926,954; Sept. 12.
- Thread cop. R. N. Corthell. 1,938,134; Dec. 5.
- Thread core. C. K. Dunlap. 1,896,135; Feb. 7.
- Thread cutter for looms, Temple. F. E. Douglas. 1,919,146; July 18.
- Thread cutting and securing means. P. F. Hurst. 1,926,539; Sept. 12.
- Thread cutting attachment and machine. F. W. Garrison. 1,908,974; May 16.
- Thread cutting mechanism, Intermittently operating. F. E. Douglas. 1,916,754; July 4.
- Thread cutting tool. L. A. Alexander. 1,918,581; July 18.
- Thread, Decopierizing rayon or artificial silk. C. C. Jessen. 1,925,097; Sept. 5.
- Thread feeding mechanism. H. J. Tynan. 1,922,146; Aug. 15.
- Thread for shafts, Antifriction. M. S. McKellar. 1,905,039; Apr. 25.
- Thread guide. K. Meyer-Gaus. 1,902,458; Mar. 21.
- Thread guide advancing device for bobbin winding machines. A. Hoffmann. 1,894,313; Jan. 17.
- Thread guide and making same, Textile. J. A. Williams. 1,908,717; May 16.
- Thread, Hyperbolic. G. M. Eaton. 1,909,489; May 16.
- Thread, Making rubber. W. A. Gibbons. 1,924,923-4; Aug. 29.
- Thread printing apparatus. D. B. Bonner. 1,905,138; Apr. 25.
- Thread protector. H. E. McCrery. 1,931,702; Oct. 24.
- Thread protector. H. E. McCrery. 1,931,703; Oct. 24.
- Thread protector. H. A. Unke. 1,941,235; Dec. 26.
- Thread rolling die. R. Thomson. 1,907,684; May 9.
- Thread-tensioning device. F. B. and A. J. Javery. 1,929,744; Oct. 10.
- Thread tensioning device. F. B. and A. J. Javery. 1,936,452; Nov. 21.
- Thread tensions for twisting devices, Device for equalizing the. O. Bochmann and W. Lenk. 1,900,037; Mar. 7.
- Thread testing and recording device. P. Garms and G. L. Diggle. 1,904,130; Apr. 18.
- Thread, Tinting. C. J. Bacon. 1,923,136; Aug. 22.
- Thread treating apparatus for sewing machines. F. Ashworth. 1,923,563; Aug. 22.
- Thread, Treating artificial. T. F. Banigan. 1,931,245; Oct. 17.
- Thread, Treating artificial. L. Mauge. 1,927,412; Sept. 19.
- Thread trimmer for buttonhole sewing machines. J. H. Pikul. 1,931,556; Oct. 24.
- Threaded members, Apparatus for disconnecting. G. S. Kennedy. 1,900,017; Mar. 7.
- Threader, Curtain. R. W. Winberg. 1,920,046; July 25.
- Threads and other products from cellulose compounds, Manufacture of artificial. L. Lilienfeld. 1,938,032; Dec. 5.
- Threads and the like from viscose and in apparatus therefor, Production of artificial. H. J. Hegan and E. Hazley. 1,900,811; Mar. 7.
- Threads, Apparatus for moistening. A. Friederich. 1,934,796; Nov. 14.
- Threads between stitched books, Method of and mechanism for extracting interconnecting. O. Kleinschmit. 1,902,286; Mar. 21.
- Threads between stitched books, Method of and mechanism for extracting interconnecting. O. Kleinschmit. 1,902,864; Mar. 28.
- Threads between stitched books, Method of and mechanism for mechanically extracting the interconnecting. O. Kleinschmit and O. Müller. 1,903,184; Mar. 28.
- Threads, Drawing cellulose acetate. A. Ascherl and W. Gruber. 1,892,923; Jan. 3.
- Threads, Drawing cellulose acetate. A. Ascherl and W. Gruber. 1,925,829; Sept. 5.
- Threads, filaments, and the like, Traversing or laying. W. Coombes. 1,931,179; Oct. 17.
- Threads, Handling of artificial. C. Herrmann. 1,926,536; Sept. 12.
- Threads in screw-thread rolling cheeks, Production of. K. Nagel. 1,940,367; Dec. 19.
- Threads, Manufacturing artificial. G. Lecomte. 1,918,816; July 18.
- Threads on valve stems, Apparatus for testing external. L. R. Adams. 1,940,783; Dec. 26.
- Threads or filaments, Apparatus for the manufacture of artificial. J. Bower. 1,935,200; Nov. 14.
- Threads or filaments, Manufacturing artificial. R. W. Payne and R. F. Roberts. 1,920,212; Aug. 1.
- Threads, Preparation of effect. A. Rheiner. 1,926,498; Sept. 12.
- Threads, Treating artificial. H. H. Parker. 1,931,266; Oct. 17.
- Threads, Treating textile. W. H. Charch. 1,902,833; Mar. 28.
- Threads with liquids, Apparatus for treating single. A. Hartmann, W. Höfinghoff and F. Fischer. 1,897,122; Feb. 14.
- 3-carboxy-4-hydroxy-diphenyl and salts thereof. A. W. Harvey. 1,941,207; Dec. 26.
- Three-cylinder tandem engine. R. E. Bruckner. 1,900,858; Mar. 7.
- Thresher and windrow pick-up, Combination. W. F. MacGregor. 1,919,896; July 25.
- Threshing machine. C. C. Baldwin. 1,911,665; May 30.
- Threshing machine. A. J. Griffin. 1,917,583; July 11.
- Threshing machine. S. McIntire. 1,917,536; July 11.
- Threshing machine. Centrifugal. C. C. Baldwin. 1,907,035; May 2.
- Threshing machine, Centrifugal. G. F. Nye. 1,910,357; May 23.
- Threshing unit. G. F. Nye. 1,910,356; May 23.
- Threshold. E. D. Barringer. 1,908,623; May 9.
- Threshold. F. J. Plym. 1,936,641; Nov. 28.
- Threshold construction. F. W. Kammerer. 1,929,316; Oct. 3.
- Threshold, Metal. C. J. Prinzler. 1,916,116; June 27.
- Threshing. L. H. Thoen. 1,938,986; Dec. 12.
- Throat forming machine and method. G. Spatts. 1,912,600; June 6.
- Throttle. N. T. McKee. 1,938,710; Dec. 12.
- Throttle. C. Ringel. 1,894,789; Jan. 17.
- Throttle and trip valve, Balanced. F. Henneböhle. 1,899,328; Feb. 28.
- Throttle brake. W. T. Hamlin. 1,928,855; Oct. 3.
- Throttle control and control for reversible or adjustable pitch propellers, Synchronized. D. A. Dickey. 1,935,620; Nov. 21.
- Throttle for locomotives. H. Glaenger. 1,896,947; Feb. 7.
- Throttle, Vacuum electric. C. L. Herrod. 1,911,619; May 30.
- Throttle valve. J. De Mooy. 1,923,919; Aug. 22.
- Throttle valve. A. F. Stuebing. 1,932,196; Oct. 24.
- Throttle valve control. A. H. Brinkmann and G. H. Rice, jr. 1,910,744; May 23.
- Throttle valve operating mechanism. R. J. Eisinger. 1,923,532; Aug. 22.
- Throttling device for internal-combustion engines. O. Winter. 1,929,010; Oct. 3.
- Thrust bearing. R. F. Matkin. 1,932,592; Oct. 31.
- Thrust plate. L. J. Schumaker. 1,916,993; July 4.
- Thumb guard and rest for pistols. W. H. McClarin, sr. 1,940,362; Dec. 19.
- Thumb-hook for musical instruments. A. Loomis. 1,937,025; Nov. 28.
- Thumb protector. A. M. Dougah. 1,916,921; July 4.
- Thumb-sucking preventative device. P. M. Klosky. 1,929,318; Oct. 3.
- Thunderstorm or electric field and potential indicator. R. Gunn. 1,919,215; July 25.
- Thymol, Preparing. K. Schöllkopf and A. Serini. 1,902,904; Mar. 28.
- Ticker system. P. L. Myer and R. Steeneck. 1,910,122; May 23.
- Tickers, Mechanism for high speed. E. P. Bancroft. 1,932,763; Oct. 31.
- Ticket distribution system, Telephone. C. J. Gutberlet. 1,901,508; Mar. 14.
- Ticket-issuing machine. R. H. Helsel. 1,928,785; Oct. 3.
- Ticket or check issuing machine. R. H. Helsel. 1,940,949; Dec. 26.
- Ticket, Pin. C. A. Flood. 1,912,268; May 30.
- Ticket, Pin. C. A. Flood. 1,921,814; Aug. 8.
- Ticket printing and issuing machine. H. A. Thomson. 1,905,659; Apr. 25.
- Ticket printing and registering device. C. Hänel. 1,922,731; Aug. 15.
- Ticket printing machine. C. Hänel. 1,931,984; Oct. 24.
- Ticket rack. C. Genjack. 1,922,158; Aug. 15.
- Ticket, Railroad. A. R. Jorgenson and R. O. Moody. 1,917,720; July 11.
- Ticket, Safety. F. Magidson. 1,894,826; Jan. 17.
- Ticket selector. G. F. Rooke. 1,926,062; Sept. 12.
- Tidal power apparatus. C. E. Douglas and J. Morgan. 1,915,520; June 27.
- Tie; Sec.
- Helical cross tie.
- Tie. W. H. Ve Relle. Re18,949; Sept. 12.
- Tie adzing machine. J. H. Mansfield. 1,930,365; Oct. 10.
- Tie and button combination. F. S. Maroth. 1,926,209; Sept. 12.
- Tie-back for drapes, curtains, and the like. W. C. Chapman. 1,927,061; Sept. 19.
- Tie-back holder, Ornamental. G. W. Dover. 1,933,617; Nov. 7.
- Tie-back means for curtains. G. W. Dover. 1,936,188; Nov. 21.
- Tie for channel bars. E. R. Boyle. 1,927,915; Sept. 26.
- Tie, Form. H. H. Toozood. 1,924,631; Aug. 29.
- Tie, Form. J. M. Willard. 1,919,845; July 25.
- Tie holder. H. H. Kepley. 1,909,280; May 16.
- Tie loading device. T. E. Farmer. 1,898,120; Feb. 21.
- Tie means for masonry construction. J. L. Shahan. 1,932,490; Oct. 31.
- Tie, Metallic, railroad. A. C. Shives. 1,897,500; Feb. 14.
- Tie plate. H. G. Warr. 1,925,124; Sept. 5.
- Tie plate and rail anchor, Combined. E. Woodings. 1,912,679; June 6.

- Tie rod. J. Sneed. 1,940,466; Dec. 19.
- Tie rod connection, Adjustable. W. H. Farr. 1,930,676; Oct. 17.
- Tie rod end. E. R. Maurer. 1,919,797; July 25.
- Tie rod end assembly. G. H. Hufferd and M. P. Graham. 1,931,258; Oct. 17.
- Tie-rod ends, Making. F. C. Crawford and G. H. Hufferd. 1,917,502; July 11.
- Tie-rod for concrete construction. L. A. Reeves. 1,938,153; Dec. 5.
- Tie-rod for concrete wall forms, Adjustable. T. A. Anderson. 1,898,332; Feb. 21.
- Tie spacer, Railroad tractor. C. Clark. 1,925,304; Sept. 5.
- Tie strap. O. Summers. 1,920,607; Aug. 1.
- Tightener for concrete form tie wires. J. F. Tarris. 1,914,761; June 20.
- Tightening and closing device. W. and H. Löblich. 1,939,123; Dec. 12.
- Tightening and sealing device. D. A. Bradley. 1,904,914; Apr. 18.
- Tightening composition. M. J. Schoen. 1,903,709; Apr. 11.
- Tightening means for connecting members of high pressure lubricating devices. P. Wurzbarger. 1,934,394; Nov. 7.
- Tightness device. V. Autier. 1,929,733; Oct. 10.
- Tile. J. C. De Vol. 1,936,471; Nov. 21.
- Tile. C. E. Fort. 1,894,584; Jan. 17.
- Tile. E. N. Gackebach. 1,899,861; Feb. 28.
- Tile. A. V. Keller. 1,895,801; Jan. 31.
- Tile. T. E. McCutcheon. 1,917,139; July 4.
- Tile. C. Ventimiglia. 1,899,370; Feb. 28.
- Tile and making same, Light-weight ceramic. H. T. Coss. 1,925,985; Sept. 5.
- Tile and making the same, Composition. N. Fredriksen. 1,939,045; Dec. 12.
- Tile and mounting thereof, Ornamental. C. H. O'Koomian. 1,940,141; Dec. 19.
- Tile, Apparatus for mounting. A. Staudt. 1,931,300; Oct. 17.
- Tile bar. N. R. Faire. Des. 91,106; Nov. 28.
- Tile cleaning apparatus. E. Fryslie. 1,919,549; July 25.
- Tile cutting and breaking machine. S. I. Granite. 1,932,659; Oct. 31.
- Tile, Detecting and marking warped. J. A. Bower. 1,910,461; May 23.
- Tile edge forming apparatus. V. J. Hultquist. 1,899,237; Feb. 28.
- Tile fabricating machinery. A. C. Myers. 1,919,640; July 25.
- Tile feeder. J. A. Bower. 1,901,281; Mar. 14.
- Tile locking field strip. B. H. James. 1,935,636; Nov. 21.
- Tile machinery. A. C. Myers. 1,919,639; July 25.
- Tile, Making. C. B. Lansing and R. H. Louden. 1,941,403; Dec. 26.
- Tile making machine. J. L. McDonough and F. B. Williams. 1,921,237; Aug. 8.
- Tile manufacture. W. Salisbury. 1,901,195; Mar. 14.
- Tile measuring and sorting mechanism. F. B. Yingling. 1,923,469; Aug. 22.
- Tile mounting. J. Kertes. 1,913,031; June 6.
- Tile, Paving. H. E. Muchnic. 1,916,631; July 4.
- Tile press, Friction. F. B. Yingling. 1,910,733; May 23.
- Tile, Roofing. F. Koch. 1,936,676; Nov. 28.
- Tile, Sectional block clay. F. H. Meier. 1,898,380; Feb. 21.
- Tile setting machine. C. B. Lansing. 1,941,404; Dec. 26.
- Tile support and fastener. W. A. Turner, W. R. Walls, and E. E. Bryan. 1,930,023; Oct. 10.
- Tile testing machine. H. A. B. Goodall and F. B. Cramer. 1,925,718; Sept. 5.
- Tiled construction. O. E. Grigsby. 1,916,136; June 27.
- Tiles and similar articles, Preparing and setting. A. Hopkins and G. Thompson. 1,939,815; Dec. 19.
- Tiles, Apparatus for making roof. O. Walter. Re18,999; Nov. 14.
- Tiles, Forming silo. W. Brassert and G. V. Gladville. 1,897,659; Feb. 14.
- Tiles, Making Japanned metallic. S. Asobe. 1,930,990; Oct. 17.
- Tiles, Method of and apparatus for making building. O. Schnurer. 1,921,100; Aug. 8.
- Tillage implement. W. L. Paul. 1,918,928; July 18.
- Tillage implement. C. T. Ray. 1,921,480; Aug. 8.
- Tilting device for sliding windows. W. von Fischer. 1,906,026; Apr. 25.
- Tilting device for vacuum cleaners. J. H. Igo. 1,936,839; Nov. 28.
- Timber, Decorticating device for. A. Bezner. 1,921,904; Aug. 8.
- Timber receiving apparatus for log saws. G. Sundlöf. 1,925,470; Sept. 5.
- Time announcing machine. R. F. Mallina. 1,926,876; Sept. 12.
- Time-control device. E. O. Fredericks. 1,933,249; Oct. 31.
- Time control for stokers. L. R. Teeple. 1,906,435; May 2.
- Time control mechanism. N. O. Trein. 1,901,362; Mar. 14.
- Time control system for telephones. C. V. Richey. 1,897,533; Feb. 14.
- Time controlled apparatus. W. H. Edwards. 1,926,143; Sept. 12.
- Time controlled apparatus. W. H. Edwards and I. W. Green. 1,926,144; Sept. 12.
- Time controlled indicator. L. Y. Huffaker. 1,911,448; May 30.
- Time controlled mechanism. L. G. M. Timpson. 1,924,889; Aug. 29.
- Time controlled switch. A. De Paemelaere. 1,933,717; Nov. 7.
- Time controlled switch. W. H. Hoffmann. 1,915,316; June 27.
- Time controlled switch. N. A. Lopez. 1,910,114; May 23.
- Time controlled switch. A. H. Saar, jr. Re18,780; Mar. 28.
- Time controlled switch. J. Starr. 1,911,652; May 30.
- Time controlling mechanism for valves and electric switches, Coin freed. N. Hudson. 1,932,314; Oct. 24.
- Time-cycle controller. P. A. Borden. 1,926,190; Sept. 12.
- Time distribution system. C. Battegay. 1,920,179; Aug. 1.
- Time element device. S. N. Wight. 1,928,802; Oct. 3.
- Time indicating device. A. E. Freel. 1,935,842; Nov. 21.
- Time indicator. L. C. Butts. 1,920,838; Aug. 1.
- Time interval by a factor, Apparatus for automatic multiplication of a. J. P. Hansen. 1,935,743; Nov. 21.
- Time interval indicating and recording apparatus. A. A. Pitt. 1,936,208; Nov. 21.
- Time lag device. H. L. Laven. 1,896,904; Feb. 7.
- Time limit relay. P. C. Ward. 1,901,617; Mar. 14.
- Time lock mechanism. C. A. Miller. 1,929,704; Oct. 10.
- Time measuring apparatus. R. B. Kemmerer. 1,907,829; May 9.
- Time mechanisms, Comparing. J. L. Alden and C. J. McCarthy. 1,905,778; Apr. 25.
- Timepiece. A. E. Nelson. 1,912,650; June 6.
- Timepiece. E. E. Spranger. 1,925,283; Sept. 5.
- Time-piece. E. E. Spranger. 1,932,754; Oct. 31.
- Timepiece and automobile horn button. M. H. Hollingsworth. 1,925,188; Sept. 5.
- Timepiece dials, Attaching means for. H. Colomb. 1,911,308; May 30.
- Timepiece movement. R. H. Whitehead and W. E. Porter. 1,935,686; Nov. 21.
- Time recorder. P. M. Farmer. 1,930,285; Oct. 10.
- Time recorder. C. M. F. Friden and J. Renholts. 1,937,883; Dec. 5.
- Time recorder. F. L. Fuller. 1,902,067; Mar. 21.
- Time recording device. E. Foerster. 1,899,236; Feb. 28.
- Time relay. V. Durbin. 1,908,589; May 9.
- Time relay, Flashing. F. T. Fereday. 1,933,010; Oct. 31.
- Time relay, Flashing. F. T. Fereday. 1,940,586; Dec. 19.
- Time relay for radio receiving set. H. A. Taylor. 1,937,173; Nov. 28.
- Time reminding device. H. S. Hitchcock. 1,940,453; Dec. 19.
- Time selector mechanism. J. L. Woodworth. 1,941,377; Dec. 26.
- Time sender. T. A. McCann. 1,940,764; Dec. 26.
- Time service synchronizing system. G. W. Janson. 1,937,894; Dec. 5.
- Time setting and time control mechanism for automatic toasters and the like. C. T. Johnson. 1,898,972; Feb. 21.
- Time signaling system. H. E. Hershey. 1,924,402; Aug. 29.
- Time switch. I. Cotnareanu. 1,929,138; Oct. 3.
- Time switch. W. K. Kearsley. 1,902,508; Mar. 21.
- Time switch. B. Perrone and F. Santoro. 1,920,664; Aug. 1.
- Time switch. J. B. Petrus. 1,893,904; Jan. 10.
- Time switch. C. Snay. 1,895,350; Jan. 24.
- Time switch operating mechanism. B. P. Rucker. 1,922,868; Aug. 15.
- Time, System and method for indicating. A. F. Poole. 1,928,793; Oct. 3.
- Time, System for indicating. A. F. Poole. 1,928,794; Oct. 3.
- Time table. E. C. Burnham, jr. 1,918,631; July 18.
- Timer. L. J. Armstrong. 1,914,231; June 13.
- Timer and distributor mechanism for ignition systems, Combination. R. Newschaffer and G. Demori. 1,931,506; Oct. 24.
- Timer for airplane engines. W. E. Schwarzmann. 1,917,907; July 11.
- Timer for internal combustion engines. L. Beeh and W. E. Schwarzmann. 1,935,610; Nov. 21.
- Timer, Reaction. F. C. Smith. 1,937,445; Nov. 28.
- Timer, Suction automatic. J. L. Arthur. 1,909,038; May 16.
- Timing and signaling device. A. E. Long. 1,937,392; Nov. 28.
- Timing apparatus, Sprinkler flow. D. Elder. 1,901,496; Mar. 14.
- Timing device. W. T. Barker, jr. 1,921,380; Aug. 8.
- Timing device. H. McDowell, jr. Des. 90,952; Oct. 31.
- Timing device, Automatic. W. E. Porter. 1,919,255-6; July 25.
- Timing device, Electric controlled. H. H. Fogwell and C. H. Judd. 1,920,688; Aug. 1.
- Timing device for coin operated radios. G. Horn. 1,941,353; Dec. 26.
- Timing device for controlling telephone or other circuits. S. Connell. 1,921,733; Aug. 8.

- Timing device for glass machinery. S. G. Stuckey. 1,932,024; Oct. 24.
- Timing device for laundry extractors. R. S. Elberty. 1,918,960; July 18.
- Timing device for loom stop mechanism. W. P. Craig. 1,902,837; Mar. 28.
- Timing device for machinery. G. C. Smith. 1,916,745; July 4.
- Timing device, Synchronously operated. A. Mutscheller. 1,901,626; Mar. 14.
- Timing mechanism. O. T. Anderson. 1,908,298; May 9.
- Timing mechanism. W. O. Beck. 1,917,008; July 4.
- Timing mechanism. F. A. Booth. 1,892,928; Jan. 3.
- Timing mechanism. R. L. Chenault. 1,920,003; July 25.
- Timing mechanism. T. C. Forbes. 1,926,276; Sept. 12.
- Timing mechanism, Conversional. R. D. Smith. 1,935,232; Nov. 14.
- Tin and nail puller, Turpentine. B. F. Odom. 1,898,849; Feb. 21.
- Tin cleaning and greasing machine. W. D. Bleier. 1,898,653; Feb. 21.
- Tin-containing thiophenols. F. Muth and K. P. Gralert. 1,912,296; May 30.
- Tin from ores, Extraction of. L. A. Wood and H. L. Sulman. 1,931,944; Oct. 24.
- Tinplate feeding mechanism. S. E. Diescher. 1,898,005; Feb. 21.
- Tinner's snips. F. H. Rauh. 1,894,787; Jan. 17.
- Tinning long strips. A. P. Steckel. 1,920,439; Aug. 1.
- Tinning machine. C. A. Bollinger and J. P. Rodgers. 1,933,136; Oct. 31.
- Tins, iron kegs and like metal containers. G. A. Robinson. 1,904,630; Apr. 18.
- Time for use in soil sterilizing apparatus. F. Maxen. 1,895,335; Jan. 24.
- Tinsel fabric, Colored. W. H. Lees. 1,922,739; Aug. 15.
- Tints on wool, Producing fast. A. Landolt. 1,940,551; Dec. 19.
- Tip for mechanical lead pencils. A. Woelm. 1,907,926; May 9.
- Tire. D. J. Campbell. 1,903,405; Apr. 4.
- Tire. E. W. Covey. 1,930,585; Oct. 17.
- Tire. M. J. Flynn. Des. 90,841-2; Oct. 10.
- Tire. W. S. Gilbert. Des. 89,393; Mar. 7.
- Tire. G. Hubach. Des. 90,252; July 4.
- Tire. P. H. Ober. Des. 91,121; Nov. 28.
- Tire. J. A. Schoedinger. Des. 90,179; June 20.
- Tire and fabricating same, Pneumatic. R. C. Murphy. 1,898,886; Feb. 21.
- Tire and making it, Pneumatic. A. J. Musselman. 1,918,553; July 18.
- Tire and making same, Pneumatic. G. D. Mallory. 1,930,764; Oct. 17.
- Tire and making same, Vehicle. J. O. Coe. 1,940,077; Dec. 19.
- Tire and rim. J. D. Wyda. 1,927,729; Sept. 19.
- Tire and rim construction. J. M. Meredith. 1,900,835; Mar. 7.
- Tire and rim construction, Pneumatic. A. H. Shoemaker. 1,919,910; July 25.
- Tire and rim construction, Pneumatic. A. H. Shoemaker. 1,919,911; July 25.
- Tire and rim, Pneumatic. A. H. Shoemaker. 1,932,191; Oct. 24.
- Tire and wheel construction. C. B. McKnight. 1,938,603; Dec. 12.
- Tire armor. V. J. Auciunas. 1,908,808; May 16.
- Tire, Automobile. A. H. Shoemaker. 1,903,574; Apr. 11.
- Tire, Balloon. A. Hargraves. 1,922,291; Aug. 15.
- Tire bead reinforcing element. A. H. Johnson. 1,903,925; Apr. 18.
- Tire beads, Process of and apparatus for manufacturing pneumatic. W. E. MacMonagle. 1,913,336; June 6.
- Tire boot. J. F. Fanyard. 1,895,340; Jan. 24.
- Tire building apparatus. E. H. Barder and C. W. Leguillon. 1,915,147; June 20.
- Tire-building apparatus. F. Slusher. 1,919,384; July 25.
- Tire building chuck, Pneumatic. J. F. Campbell and J. D. Thomson. 1,923,705; Aug. 22.
- Tire building drum. H. T. Kraft. 1,902,306; Mar. 21.
- Tire building drum. W. E. Swern. 1,911,594; May 30.
- Tire building method. E. H. Barder and C. W. Leguillon. 1,925,894; Sept. 5.
- Tire building method. C. H. Desautels. 1,900,435; Mar. 7.
- Tire carrier. C. H. Golike. 1,913,835; June 13.
- Tire carrier. W. T. Guth. 1,929,636; Oct. 10.
- Tire casing cuts, Filling. R. M. and C. E. Bowes. 1,904,403; Apr. 18.
- Tire casing repair apparatus. A. H. Fisher. 1,901,231; Mar. 14.
- Tire casings, Method of and apparatus for building pneumatic. W. H. Campbell. 1,918,320; July 18.
- Tire chain. G. I. De Vault. 1,934,173; Nov. 7.
- Tire chain. C. F. Gisewhite. 1,912,973; June 6.
- Tire chain. A. M. Hanson. 1,925,037; Aug. 29.
- Tire chain. P. Levi. 1,935,035; Nov. 14.
- Tire chain. J. C. McKay and B. J. King. 1,922,106; Aug. 15.
- Tire chain. L. J. Powell. 1,927,373; Sept. 19.
- Tire chain. W. L. Walsh. 1,935,786; Nov. 21.
- Tire chain. B. D. Woolley. 1,906,034; Apr. 25.
- Tire chain, Antiskid. F. E. Stahl. 1,894,914; Jan. 17.
- Tire chain fastener. I. Sauerwald. 1,914,298-9; June 13.
- Tire chain, Nonskid. C. L. Smith. 1,917,161; July 4.
- Tire changing stand. J. K. Listebarger. 1,936,984; Nov. 28.
- Tire clamp. E. C. MacDonald and F. E. Miles. 1,912,587; June 6.
- Tire composition. E. Tschunkur and W. Bock. 1,911,729; May 30.
- Tire compressed air wheel, Solid. M. D. Spiridi. 1,909,907; May 16.
- Tire construction. W. A. Karl. 1,904,981; Apr. 18.
- Tire construction. K. E. Lyman. 1,938,539; Dec. 5.
- Tire construction. R. C. Pierce. 1,914,040; June 13.
- Tire construction. E. F. Wait. 1,915,963; June 27.
- Tire core, Adjustable. H. C. Bostwick. 1,896,214; Feb. 7.
- Tire cover. H. R. Bird. 1,920,167; Aug. 1.
- Tire cover. C. C. Krebs. 1,933,268; Oct. 31.
- Tire cover. R. E. Linn. 1,932,791; Oct. 31.
- Tire cover. T. J. McCormick. 1,918,549; July 18.
- Tire cover. T. J. McCormick and R. E. Linn. Des. 89,348; Feb. 28.
- Tire cover. W. A. Reum. 1,896,014; Jan. 31.
- Tire cover. C. W. Ryerson. 1,911,848-9; May 30.
- Tire cover. C. J. Wollheim. 1,910,416; May 23.
- Tire cover, All metal. L. Ricci. 1,917,157; July 4.
- Tire cover, Metallic. F. Hammond. 1,910,332; May 23.
- Tire cover side member and spare wheel hub closure for a tire cover or similar article, Combination spare. G. A. Lyon. Des. 89,466; Mar. 14.
- Tire cover with contractible clamping band. G. A. Lyon. 1,924,086; Aug. 22.
- Tire cutting machine. W. G. Fritts. 1,897,425; Feb. 14.
- Tire deflation switch. G. W. Morris. 1,911,641; May 30.
- Tire display holder, Folding. E. A. Shank. 1,901,475; Mar. 14.
- Tire display stand. W. O. Freymann. 1,916,044; June 27.
- Tire expanding and bagging mechanism. W. L. Pipes. 1,926,310; Sept. 12.
- Tire-finisher. I. H. Freese. 1,930,746; Oct. 17.
- Tire for vehicle wheels, Making a nonskid. E. W. Covey. 1,896,574; Feb. 7.
- Tire for vehicles, Emergency. C. Gerben. 1,918,694; July 18.
- Tire forming device. A. Otto. 1,921,579; Aug. 8.
- Tire gauge, Automatic. J. D. Burkholder. 1,904,823; Apr. 18.
- Tire groover. W. F. Errig and G. M. Pfundt. 1,916,258; July 4.
- Tire grooving tool. G. W. Fouke. 1,934,181; Nov. 7.
- Tire guard. F. S. Crane. Des. 90,802; Oct. 3.
- Tire holder, Automobile. P. A. Raab. 1,935,991; Nov. 21.
- Tire inflater for vehicles, Automatic. E. E. White. 1,901,017; Mar. 14.
- Tire inflating attachment. J. C. Crowley and A. P. Williamson. 1,930,041; Oct. 10.
- Tire inflating device. L. R. O'Connor and C. G. Starnes. 1,904,073; Apr. 18.
- Tire inflater and gauge, Combined. G. E. Farley. 1,935,181; Nov. 14.
- Tire, Interchangeable rubber. G. Wolf. 1,897,974; Feb. 14.
- Tire mounting tool. R. G. Smith. 1,938,940; Dec. 12.
- Tire of rubber for vehicle wheels, Cellular cushion. J. Brunswick. 1,928,524; Sept. 26.
- Tire, Pneumatic. F. F. Anderson. 1,901,862; Mar. 21.
- Tire, Pneumatic. W. H. Paul. 1,921,772; Aug. 8.
- Tire pop valve. G. A. Sutton. 1,934,571; Nov. 7.
- Tire pressure gauge, Pneumatic. A. W. Hobson. 1,894,490; Jan. 17.
- Tire pressure indicator. J. H. Hardy. 1,918,035; July 11.
- Tire pressure indicator. J. W. Swallen. 1,921,550; Aug. 8.
- Tire pressure responsive switch. W. C. Edwards. 1,903,589; Apr. 11.
- Tire pump. E. J. Sullivan. 1,916,342; July 4.
- Tire pump, Automatic. E. Hopkins. 1,894,908; Jan. 17.
- Tire puncture preventive. R. Cross. 1,896,611; Feb. 7.
- Tire, Puncture proof. J. Carey. 1,923,661; Aug. 22.
- Tire, Radial cord pneumatic. A. H. Shoemaker. 1,903,575; Apr. 11.
- Tire record device. L. E. Grove. 1,934,497; Nov. 7.
- Tire remover, Pneumatic truck. G. A. Schmidt. 1,923,750; Aug. 22.
- Tire, Resilient. J. V. Martin. 1,909,878; May 16.
- Tire retreading machine. N. Feinen. 1,920,852; Aug. 1.
- Tire rim for pneumatic tires. R. Rodriguez and G. Chavez. 1,921,245; Aug. 8.
- Tire rim, Pneumatic. N. Areson. 1,936,745; Nov. 28.
- Tire shaping and air bag inserting machine. B. De Mattia. 1,897,690; Feb. 14.
- Tire shaping machine. A. L. Heston. 1,916,422; July 4.
- Tire spreader. J. Matchey. 1,922,740; Aug. 15.
- Tire spreader. W. H. Robertson. 1,907,007; May 2.
- Tire spreader, Air. C. E. Branick. 1,908,311; May 9.
- Tire, Spring. P. Gauthier. 1,928,530; Sept. 26.
- Tire squeezer or compressor. A. T. Johnson. 1,913,927; June 13.
- Tire stand. J. T. Mullen. 1,917,596; July 11.
- Tire tool. F. G. Allen. 1,936,817; Nov. 28.
- Tire tool. J. C. Jackson and A. J. Ingersoll. 1,902,283; Mar. 21.
- Tire tool. C. Kelley. 1,908,766; May 16.
- Tire tool. T. C. Thomsen. 1,911,655; May 30.
- Tire trunk. K. C. Bright and J. N. Sweeney. 1,897,888; Feb. 14.

- Tire, Tubeless pneumatic. F. A. Millican. 1,895,582; Jan. 31.
- Tire tubes, Apparatus for manufacturing rubber. J. F. Cavanagh. 1,922,471; Aug. 15.
- Tire valve. R. E. Buck. 1,935,938; Nov. 21.
- Tire valve. D. E. Jones. 1,896,708; Feb. 7.
- Tire valve, Automobile. W. T. Conrad. 1,917,499; July 11.
- Tire valve, Interchangeable. E. Eger. 1,901,637; Mar. 14.
- Tire valve stem bending tool. G. A. Morgan. 1,935,055; Nov. 14.
- Tire, Vehicle. C. Bottasso. Des. 90,968; Nov. 7.
- Tire, Vehicle. E. O. Fritch. Des. 89,694; Apr. 25.
- Tire vulcanizer. G. J. Mead. 1,900,456; Mar. 7.
- Tire vulcanizing apparatus. P. De Mattia. 1,925,995; Sept. 5.
- Tire vulcanizing machine. K. K. A. Thorsen. 1,903,538; Apr. 11.
- Tire vulcanizing stand, Adjustable. J. H. Browne. 1,932,302; Oct. 24.
- Tire, Wheel. T. D. Maus. 1,927,801; Sept. 19.
- Tires and product, Making. A. O. Abbott, jr. 1,933,692; Nov. 7.
- Tires and the like, Apparatus for manufacturing band saw wheel. A. G. Carter. 1,898,031; Feb. 21.
- Tires and the like, by forging and pressing ingots, Manufacturing steel. A. Dechenne. 1,896,704; Feb. 7.
- Tires, Apparatus for forming. A. G. Carter. 1,914,487; June 20.
- Tires, Apparatus for making. H. F. Schippel. 1,913,995; June 13.
- Tires, Apparatus for manufacturing. A. O. Abbott, jr. 1,931,638; Oct. 24.
- Tires, Apparatus for retreading. C. H. Dacon and V. Stults. 1,894,347; Jan. 17.
- Tires, Apparatus for the manufacture of. A. O. Abbott, jr. 1,906,502; May 2.
- Tires, Apparatus for treating rubber. C. M. Semler. 1,910,128; May 23.
- Tires, Building pneumatic. G. F. Wikle. 1,913,422; June 13.
- Tires from molds, Method of and apparatus for removing. J. P. Sapp. 1,895,943; Jan. 31.
- Tires, Making pneumatic. C. G. Hoover. 1,915,668; June 27.
- Tires, Method and apparatus for retreading. H. J. Wook. C. J. Peterson, and J. S. Caulfield. 1,928,404; Sept. 26.
- Tires, Method of and apparatus for vulcanizing. E. Fetter. 1,932,692; Oct. 31.
- Tires, Process and apparatus for manufacturing. A. O. Abbott, jr. 1,938,787; Dec. 12.
- Titaniferous materials in acids, Dissolving. F. Farup. 1,919,425; July 25.
- Titanium chloride, Preparing clear solutions of. P. Kubelka. 1,899,573; Feb. 28.
- Titanium chloride, Preparing concentrated clear solutions of. P. Kubelka. 1,899,574; Feb. 28.
- Titanium compounds, Precipitating. L. W. Ryan. 1,916,236; July 4.
- Titanium dioxide from titanium tetrachloride, Production of. H. Haber and P. Kubelka. 1,931,380-1; Oct. 17.
- Titanium dioxide, Making. H. W. Richter. 1,932,087; Oct. 24.
- Titanium dioxide, Preparing. F. von Bichowsky. 1,902,203; Mar. 21.
- Titanium dioxide, Producing. H. L. Rhodes. 1,931,682; Oct. 24.
- Titanium dioxide, Production of. J. Blumenfeld. Re18,854; May 30.
- Titanium dioxide, Production of. H. L. Rhodes. 1,922,328; Aug. 15.
- Titanium dioxides, Production of. W. Mecklenburg. Re18,790; Apr. 4.
- Titanium oxide of fine texture, Making. M. E. Hanahan. 1,937,037; Nov. 28.
- Titanium oxide pigments, Manufacture of composite calcium sulphate. W. F. Washburn and L. Aagaard. 1,906,730; May 2.
- Titanium pigments, Manufacture of. W. F. Washburn and L. Aagaard. 1,906,729; May 2.
- Titanium sulphate compounds. L. Teichmann and H. Noerr. 1,941,285; Dec. 26.
- Titanium sulphates, Producing. F. von Bichowsky. 1,915,393; June 27.
- Titanium tetrachloride in aqueous solvents, Dissolving. P. Kubelka. 1,899,572; Feb. 28.
- Titles on motion picture film, Device for photographing. F. C. Miller and D. F. Lyman. 1,933,817; Nov. 7.
- Titrating for determining the caustic strength of alkaline solutions. J. H. Buchanan. 1,912,473; June 6.
- Toast buttering device. R. R. Dickerson. 1,910,885; May 23.
- Toaster. W. H. McLelland, G. O. Knutson, and G. F. Williamson. 1,907,650; May 9.
- Toaster. E. F. Reinhardt. 1,914,649; June 20.
- Toaster. E. J. Rohne. 1,900,737; Mar. 7.
- Toaster. A. A. Warner. 1,931,450-1; Oct. 17.
- Toaster, Automatic. C. D. Avery and H. C. Berry. 1,939,247; Dec. 12.
- Toaster, Bread. R. Schlemm. 1,923,590; Aug. 22.
- Toaster device. A. B. Starr. 1,894,430; Jan. 17.
- Toaster, Electric. G. Browning. 1,908,683; May 16.
- Toaster, Electric. M. F. Fitzgerald. 1,926,938; Sept. 12.
- Toaster, Electric. J. J. Gough. Des. 89,637-8; Apr. 18.
- Toaster, Electric. F. W. Juengst and O. M. Anderson. 1,901,603; Mar. 14.
- Toaster, Electric. P. J. N. Miller and V. E. Extrom. 1,900,249; Mar. 7.
- Toaster, Electric. A. O. Samuels. Des. 91,180; Dec. 12.
- Toaster, Electric bread. E. S. Johnson. 1,919,559; July 25.
- Toaster or like article. T. A. Edison, jr., and H. S. Carlson. Des. 89,255; Feb. 14.
- Toaster timed electric. M. F. Fitzgerald. 1,931,345; Oct. 17.
- Toaster, Vertical. F. F. Forshee. 1,899,681; Feb. 28.
- Toasting apparatus. W. Ginder. 1,937,562; Dec. 5.
- Tobacco and similar materials, Transportation and holding. G. D. Harris. 1,919,107; July 18.
- Tobacco and tobacco goods, Preservation of the aroma of. G. Semfner. 1,920,483; Aug. 1.
- Tobacco, Apparatus for treating. A. L. Chesley. 1,926,036; Sept. 12.
- Tobacco can elevator. C. J. MacAller. 1,940,313; Dec. 19.
- Tobacco compressor for cigarette machines. W. B. Bronander. 1,915,514; June 27.
- Tobacco cutting machine. W. E. Molins. 1,939,511; Dec. 12.
- Tobacco cutting machine. W. E. Nolins, F. F. Ruan, G. Dearsley, and M. B. Chichester. 1,933,181; Oct. 31.
- Tobacco fumes during smoking, Rendering nonpoisonous the. K. Herrmann. 1,902,775; Mar. 21.
- Tobacco lathe holder. J. G. Craig. 1,923,664; Aug. 22.
- Tobacco leaf stemming and straightening machine. J. O. Morris. 1,902,882; Mar. 28.
- Tobacco, match, and cigarette paper cases, Combination. G. M. Young. 1,895,957; Jan. 31.
- Tobacco pipe. V. R. Abrams. 1,908,878; May 16.
- Tobacco pipe. J. D. Burger. Des. 90,232; July 4.
- Tobacco pipe. W. R. Faifer and T. R. Harvey. 1,939,545; Dec. 12.
- Tobacco pipe. J. M. Jenkins. 1,905,293; Apr. 25.
- Tobacco pipe. C. W. Knapp. 1,936,134; Nov. 21.
- Tobacco pipe. D. P. Lavietes. 1,936,060; Nov. 21.
- Tobacco pipe. B. H. Singletary. 1,897,535; Feb. 14.
- Tobacco pipe case. J. Burns. 1,934,115; Nov. 7.
- Tobacco, Pressing and packing. H. P. Taylor. 1,924,759; Aug. 29.
- Tobacco, Process and apparatus for feeding predetermined amount of. F. H. B. Stelzer. 1,927,133; Sept. 19.
- Tobacco product. W. Pettersson. 1,941,416; Dec. 26.
- Tobacco receptacle. J. J. Fitzgerald. 1,935,840; Nov. 21.
- Tobacco stemming machine. T. E. Pasley. 1,930,406; Oct. 10.
- Tobacco stemming machine. R. L. Weisner. 1,930,407; Oct. 10.
- Tobacco stems into pulp, Converting. J. F. Reichard. 1,903,942; Apr. 18.
- Tobacco, Storing cut. H. Müller and F. Muth. 1,915,545; June 27.
- Tobacco supply means for cigarette machines. W. F. Schneider. 1,941,190; Dec. 26.
- Tobacco to a cigarette making machine, Apparatus for supplying. W. E. Molins and F. F. Ruan. 1,903,931; Apr. 18.
- Tobacco to cigarette-making machines, Device for conveying cut. V. Lorentz. 1,937,158; Nov. 28.
- Tobacco, Treating. A. L. Chesley. 1,926,035; Sept. 12.
- Tobacco, Treating. A. J. Pacini. 1,920,588; Aug. 1.
- Tobacco with natural finish, Pressing and packing. H. P. Taylor. 1,924,760; Aug. 29.
- Toby or similar article. R. G. Eberhard. Des. 91,059; Nov. 21.
- Toddy mixer package. C. R. Helt. 1,923,089; Aug. 22.
- Toe pad. E. N. Bruel. 1,930,413; Oct. 10.
- Toffee and other material to wrapping machines, Feeding plastic. R. A. Harris. 1,908,756; May 16.
- Toggle latch. C. D. Phillips. 1,898,742; Feb. 21.
- Toilet accessory. W. Friedman. 1,895,187; Jan. 24.
- Toilet accessory. S. J. Reck. 1,907,871; May 9.
- Toilet accessory container. M. Marks. Des. 89,968; May 23.
- Toilet accessory container. R. C. Vaughn. Des. 90,001; May 23.
- Toilet appliance. F. Laüfer. 1,929,951; Oct. 10.
- Toilet article. W. L. Bass. 1,909,802; May 16.
- Toilet article. M. V. McDonough. 1,900,609; Mar. 7.
- Toilet article. L. M. Schallcock. 1,933,765; Nov. 7.
- Toilet bowl ventilator. R. A. Minkler. 1,911,032; May 23.
- Toilet case. F. B. Miller. 1,916,176; June 27.
- Toilet closure, Automatic. D. Kapp. 1,907,826; May 9.
- Toilet flushing apparatus. S. P. Enright. 1,919,779; July 25.
- Toilet paper holder. J. H. Allen. 1,913,363; June 13.
- Toilet paper rack. H. D. Fairchild. 1,917,641; July 11.
- Toilet seat. A. I. McColl. 1,933,746; Nov. 7.
- Toilet seat, Child's comfort. A. L. Weiss. 1,894,387; Jan. 17.
- Toilet ventilator. H. Baither. 1,931,052; Oct. 17.
- Toilet ventilator. W. J. Connors. 1,915,776; June 27.
- Token, Customer's. S. Anthony. 1,899,072; Feb. 28.
- Token delivering machine. H. R. Brand. 1,893,013; Jan. 3.
- Token depositary and accounting device, Admission. H. J. Baur. 1,897,601; Feb. 14.
- Token device. H. Ruscher. 1,935,378; Nov. 14.
- Tolerance gauge. W. Kaufmann. 1,913,674; June 13.
- Toll posting machine. H. A. Footthorp. 1,904,862; Apr. 18.

- Toll posting machine. H. A. Foothorap. 1,909,148; May 16.
- Toluene sulphonamid-aldehyde resins. Producing. W. H. Moss and B. B. White. 1,908,159; May 9.
- Tomato coring and peeling machine. C. F. Deitz. 1,923,712; Aug. 22.
- Tone bar. G. Stevens. 1,904,335; Apr. 18.
- Tone carrier projecting apparatus. E. Gerlach. 1,908,138; May 9.
- Tone modifier. J. P. Pasko. 1,897,531; Feb. 14.
- Tones by color, Indicating. C. R. Ogle. 1,898,642; Feb. 21.
- Tones of predetermined musical quality, Producing compound. M. L. Severy. 1,893,250; Jan. 3.
- Tong. J. B. Charplot, jr. 1,895,445; Jan. 31.
- Tong. H. C. Johansen. 1,923,010; Aug. 15.
- Tong. O. V. Jones. 1,919,468; July 25.
- Tong, Automatic releasing. E. E. Greve. 1,894,560; Jan. 17.
- Tong for livestock, Nose. O. W. Hiner. 1,934,801; Nov. 14.
- Tong mechanism for hat blocking machines, Stretching. R. G. Muller. 1,907,556; May 9.
- Tongs. D. B. Arnof. 1,897,991; Feb. 14.
- Tongs. L. F. Baash and W. H. Maxwell. 1,900,378; Mar. 7.
- Tongs. L. F. Baash and W. H. Maxwell. 1,924,389; Aug. 29.
- Tongs. S. N. J. Cossor. 1,938,485; Dec. 5.
- Tongs. N. K. Smith. 1,900,370; Mar. 7.
- Tongs, Combination poker and clinker. J. Ritley. 1,903,316; Apr. 4.
- Tongs, Culinary. W. S. Elters. 1,906,454; May 2.
- Tongs, Fish. W. H. Wendt. 1,941,064; Dec. 26.
- Tongs, Ice. P. Badger. 1,927,731; Sept. 19.
- Tongue depressor and nose and ear speculum, Illuminating. C. A. Morgan and W. C. Folger. 1,932,473; Oct. 31.
- Tongue scraper and cleaner. C. E. Shanley. 1,893,524; Jan. 10.
- Tongue switch. I. K. Dixon. 1,904,206; Apr. 18.
- Tonsillectome. R. F. Brown. 1,924,348; Aug. 29.
- Tonsillectome, Vacuum. E. S. Ryan. 1,931,740; Oct. 24.
- Tonsorial device. A. F. Mirafuentes. 1,894,188; Jan. 10.
- Tool: See—
- Abrading tool. Internal cylinder grinding tool.
- Automatic machine tool. Jarring tool.
- Automatic tool. Lapping tool.
- Battery tool. Lawn edging tool.
- Bore straightening tool. Lid straightening and searing tool.
- Boring tool. Lidding tool.
- Brake adjusting tool. Lifting tool.
- Brake tool. Lineman's tool.
- Broaching tool. Machine tool.
- Cable splicing tool. Mechanics' hand tool.
- Calendar assembling tool. Mechanic's tool.
- Cap removing tool. Metal-rolling tool.
- Carpenter's tool. Modeling tool.
- Chamfering tool. Mortising tool.
- Clamping tool. Ornamenting tool.
- Combination tool. Packing placement tool.
- Compound tool. Percussive tool.
- Compression type valve tool. Pin removing tool.
- Cutting tool. Pipe cleaning tool.
- Cylinder boring tool. Pipe facing tool.
- Cylinder grinding tool. Pipe grate and actuating tool.
- Cylinder working tool. Pipe tool.
- Disk-like cutting tool. Pipe unscrewing tool.
- Ear spinning tool. Piston tool.
- Earth working tool. Plaster decorating tool.
- Edge trimming tool. Pneumatic hand tool.
- Electric soldering tool. Pneumatic tool.
- Electric tool. Polishing tool.
- Electrically controlled tool. Portable machine tool.
- Electromagnetic tool. Portable tool.
- Expanding tool. Positioning tool.
- Fencing tool. Power driven percussive tool.
- Fender and body straightening tool. Power operated tool.
- Fender straightening tool. Power tool.
- Fender tool. Processing tool.
- Fertilizer tool. Pruning tool.
- Floating tool. Reaming tool.
- Fluid operated tool. Rigging tool.
- Fluid pressure tool. Rotary motor tool.
- Frazing tool. Routing tool.
- Fuse refilling tool. Sander tool.
- Garden tool. Saw sharpening tool.
- Gardening tool. Sealing tool.
- Gear cutting tool. Setting tool.
- Gear wheel lapping tool. Sharpening tool.
- General utility tool. Shear cutting tool.
- Glass surfacing tool. Shoemaker's tool.
- Grinding or honing tool. Skate sharpening tool.
- Grinding tool. Spacing tool.
- Gripping tool. Spring lubricating tool.
- Hand stitching tool. Stair building tool.
- Hand tool. Staple driving tool.
- Hat brim trimming tool. Storm anchor tool.
- Hearth tool. Stud setting tool.
- Heel cover trimming and tucking tool. Suction cleaner floor tool.
- Hog-ringing tool. Testing tool.
- Hollow rivet setting tool.
- Honing tool.
- Hub removing tool.
- Tool: See—
- Thread cutting tool. Valve spring compressing tool.
- Tire grooving tool. Valve spring retainer tool.
- Tire mounting tool. Valve tool.
- Tire tool. Vibration dampener removing tool.
- Tire valve stem bending tool. Vibratory tool.
- Track tool. Welding tool.
- Twisting tool. Well drilling tool.
- Valve bending tool. Well tool.
- Valve lifting tool. Wire fence tool.
- Valve reseating tool. Wire tapping tool.
- Valve-seat finishing tool. Wire tying tool.
- Valve seat tool.
- Tool. E. Anderson and F. Schabert. 1,929,233; Oct. 3.
- Tool. R. E. Benton. 1,923,964; Aug. 22.
- Tool. J. K. Blakeslee. 1,923,658; Aug. 22.
- Tool. R. H. Cunningham. 1,929,351; Oct. 3.
- Tool. A. De Schebeko. 1,915,154; June 20.
- Tool. F. Farquhar. 1,913,800; June 13.
- Tool. F. T. Harrington. 1,914,501; June 20.
- Tool. C. E. Hincley and R. Green. 1,918,268; July 18.
- Tool. H. F. Howard. 1,915,669; June 27.
- Tool. C. O. Jones. 1,897,700; Feb. 14.
- Tool. G. Keizer. 1,915,892; June 27.
- Tool. C. A. Koza. 1,909,366; May 16.
- Tool. F. Krosta. Re19,018; Dec. 12.
- Tool. C. A. Milton. 1,929,600; Oct. 10.
- Tool. J. R. Morton. 1,896,458; Feb. 7.
- Tool. F. F. Pazzano. Re19,027; Dec. 19.
- Tool. F. F. Pazzano. 1,898,568; Feb. 21.
- Tool. G. Reisinger. 1,910,123; May 23.
- Tool. J. W. Shera. 1,910,411; May 23.
- Tool. J. J. Smith. 1,896,979; Feb. 7.
- Tool. C. Willman. 1,903,252; Mar. 28.
- Tool and apparatus for leveling cylindrical surfaces from grinding disks. A. Lebert. 1,894,131; Jan. 10.
- Tool and end closure therefor, Air-way cleaning. D. B. Replogle. 1,895,584; Jan. 31.
- Tool and fixture, Honing. K. W. Connor. 1,939,205; Dec. 12.
- Tool and holder, Multiple. W. S. Graham. 1,926,531; Sept. 12.
- Tool and making it, Cutting. T. Kerr. 1,901,654; Mar. 14.
- Tool and method, Cable socket applying. J. W. Bair. 1,931,176; Oct. 17.
- Tool and protractor, Combined leveling and framing. T. Shimp. 1,934,096; Nov. 7.
- Tool and spray, Dishwashing. H. T. Huey. 1,901,812; Mar. 14.
- Tool and tool holder. J. H. Smith. 1,892,739; Jan. 3.
- Tool attachment device. E. A. Arp. Re18,832; May 16.
- Tool attachment, Portable. E. Henry. 1,929,585; Oct. 10.
- Tool bit, Diamond charged cutting. S. L. Hoyt. 1,904,049; Apr. 18.
- Tool bits, Forming diamond charged cutting. S. L. Hoyt. 1,895,926; Jan. 31.
- Tool box. I. Clink. 1,933,894; Nov. 7.
- Tool box for hexagonal socket wrenches. C. E. Little. 1,929,072; Oct. 3.
- Tool carrier for boring and similar machines. H. Schimmel. 1,907,408; May 2.
- Tool case. H. B. Bannister and C. J. Robinson. 1,927,110; Sept. 19.
- Tool construction, Machine. C. Meier and T. A. Wettig. 1,901,522; Mar. 14.
- Tool coupling. D. D. Levy. 1,915,370; June 27.
- Tool driver, Valve reseating. A. I. Dunn. 1,904,941; Apr. 18.
- Tool driving machine. C. R. Elbert. 1,914,413; June 20.
- Tool feed, Hydraulic machine. L. G. Wheeler. 1,931,452; Oct. 17.
- Tool for aluminum and aluminum alloys, Soldering. A. Ulrich. 1,914,054; June 13.
- Tool for automatic, and turret or capstan lathes or machines, Box. W. H. Jones. 1,895,191; Jan. 24.
- Tool for bushings and bearings, Glaze breaking. W. J. Kattrein. 1,931,498; Oct. 24.
- Tool for butcher's blocks, Resurfacing. O. Amaru. 1,895,961; Jan. 31.
- Tool for cleaning tubes. C. J. Hakes. 1,899,269; Feb. 28.
- Tool for cutting gears. E. Wildhaber. 1,904,584; Apr. 18.
- Tool for cutting rivets or the like. A. U. Kerns. 1,940,420; Dec. 19.
- Tool for cutting tongues in metal sheets. G. J. Abbott. 1,938,570; Dec. 12.
- Tool for cutting tubing, Hand. C. N. Schneider. Des. 89,793; May 2.
- Tool for electric motors and generators, Wedge removing. M. O. Fredrickson. 1,902,551; Mar. 21.
- Tool for extracting kingpins. D. Cannady. 1,908,318; May 9.
- Tool for fixing attaché case locks and similar fastenings, Press. C. W. Cheney. 1,893,493; Jan. 10.
- Tool for flash welding machines. W. F. Heineman and S. Malke. 1,909,402; May 16.
- Tool for molding machines, Molding. H. Schantz. 1,902,047; Mar. 21.
- Tool for mounting an eye set in a flexible doll's head. L. J. Grubman and J. H. Wilhelm. 1,906,579; May 2.
- Tool for paint removal, Plowing. W. F. Burdick. 1,927,202; Sept. 19.

- Tool for pulp or the like, Sampling. A. B. Andrews. 1,939,430; Dec. 12.
- Tool for punching, riveting, and like operations. J. Jensen. 1,910,838-9; May 23.
- Tool for rail joints. E. S. Hippey. 1,910,833; May 23.
- Tool for reloading ammunition for pistols and rifles. W. Sutton. 1,933,940; Nov. 7.
- Tool for removing and replacing springs. E. Hill. 1,938,102; Dec. 5.
- Tool for repairing the valve-seats of faucets and the like. M. P. Corvin. 1,939,767; Dec. 19.
- Tool for roller-bearing wheels and axle assemblies and the like, Adjusting. A. H. Oelkers. 1,930,690; Oct. 17.
- Tool for rubber articles, Repair. C. Simpson. 1,908,871; May 16.
- Tool for sheet binding staples, Removing. A. R. Heise. 1,922,681; Aug. 15.
- Tool for sheet metal, Power-operated bumping. C. Hopkins. 1,934,979; Nov. 14.
- Tool for slicing wall board and the like. F. S. Wendelken. 1,915,636; June 27.
- Tool for straightening bent beams. G. A. Countryman. 1,912,828; June 6.
- Tool for threaded members, Refacing. R. D. McIntosh. 1,927,463; Sept. 19.
- Tool for tightening wire fasteners over container covers. R. Maeda. 1,915,682; June 27.
- Tool for tubular stereotype plates, Finishing. H. J. Lowe. 1,927,712; Sept. 19.
- Tool for turning and undercutting armatures. H. W. Zimmerman. 1,923,410; Aug. 22.
- Tool for tying fence wires. M. Moffett. 1,903,830; Apr. 18.
- Tool for use in making concrete. G. B. Pickop. 1,911,966; May 30.
- Tool for use in repair work on automobiles. G. A. Countryman. 1,912,475; June 6.
- Tool for well casings, Back-off or holding. R. C. Baker and H. J. James. 1,908,622; May 9.
- Tool for well equipment, Safety pulling. H. C. Otis. 1,898,261; Feb. 21.
- Tool for wells, Fishing. R. S. Van Meter. 1,924,424; Aug. 29.
- Tool for working leather and like materials. F. W. Merrick. 1,912,152; May 30.
- Tool gauge. J. M. Luers. 1,935,511; Nov. 14.
- Tool grinding machine. L. Kellenberger. 1,897,055; Feb. 14.
- Tool handle. R. E. Beegle. 1,932,011; Oct. 24.
- Tool handle, Scraping. S. M. Bookman. 1,917,490; July 11.
- Tool handle securing means. R. L. Cochran. 1,914,802; June 20.
- Tool head for drilling, boring, and like machine tools, Multiple. O. Stampfli. 1,924,383; Aug. 29.
- Tool holder. T. D. Bascom. 1,899,843; Feb. 28.
- Tool holder. F. A. Everts. 1,904,042; Apr. 18.
- Tool holder. F. R. Harrington. 1,899,326; Feb. 28.
- Tool holder. F. C. King. 1,939,503; Dec. 12.
- Tool holder. M. E. Tyler. 1,899,169; Feb. 28.
- Tool holder. R. von Frommer. 1,895,057; Jan. 24.
- Tool holder. L. A. Wellington. 1,935,493; Nov. 14.
- Tool-holder or tool set. C. Valiane. 1,917,409; July 11.
- Tool-holding rests for machine tools, Lubricating. H. L. and J. H. Flather. 1,937,949; Dec. 5.
- Tool joint. L. F. Baash. 1,918,443; July 18.
- Tool joint for rotary drills. F. J. Hinderliter. 1,938,255; Dec. 5.
- Tool kit holder. J. J. Kroecker. 1,922,102; Aug. 15.
- Tool, Making a road. J. G. Thillis. 1,929,660; Oct. 10.
- Tool mechanism for gear cutting machines. M. H. Johanson. 1,893,943; Jan. 10.
- Tool operation on a long line, Method of and apparatus for. J. S. Brown. 1,896,766; Feb. 7.
- Tool or chuck for the finishing and grinding of work in prosthetics. A. R. Perriera and J. A. Pagnozzi. 1,897,496; Feb. 14.
- Tool or the like and making the same, Diamond cutting. C. A. Krusell. 1,939,991; Dec. 19.
- Tool organization, Machine. E. B. Armitage. 1,909,564; May 16.
- Tool organization, Machine. E. J. Kearney. 1,935,847; Nov. 21.
- Tool rack. A. E. Hutt. 1,914,371; June 20.
- Tool rack. L. Moore. 1,914,276; June 13.
- Tool reciprocator. A. De Vere. 1,927,793; Sept. 19.
- Tool retainer. C. R. Alden. 1,910,275; May 23.
- Tool retainer. W. R. Fisher. 1,934,415; Nov. 7.
- Tool retainer. G. M. Nell. 1,911,844; May 30.
- Tool retainer. G. M. Nell. 1,931,006; Oct. 17.
- Tool retainer. J. E. Renfer. 1,938,860; Dec. 12.
- Tool retainer. C. C. Richard. 1,938,440; Dec. 5.
- Tool rig, Portable percussive. C. A. Hirschberg. 1,932,106; Oct. 24.
- Tool slide actuating mechanism. E. R. Smith. 1,933,224; Oct. 31.
- Tool slide actuating mechanism. E. R. Smith and J. L. Peterson. 1,938,050; Dec. 5.
- Tool spindle fixture. G. A. De Vlieg. 1,927,924; Sept. 26.
- Tool such as wrenches and the like, Hand. J. S. Welling. 1,936,812; Nov. 23.
- Tool support. H. C. Coombes. 1,938,739; Dec. 12.
- Tool switch, Motor driven. F. W. Wappat. 1,929,662; Oct. 10.
- Tool with an electric motor mounted in the handle, Electric. A. Oldenburg. 1,892,997; Jan. 3.
- Tool with chip-removing means, Machine. F. L. Cone. 1,912,622; June 6.
- Tool with feed attachment, Boring and facing. M. P. Doyle. 1,905,819; Apr. 25.
- Tool with reciprocating carriage (turret lathe or the like), Machine. W. Mobins. 1,915,375; June 27.
- Tool with work feeding mechanism, Machine. J. E. Lovely. 1,936,401; Nov. 21.
- Tools, Angle changer for. W. M. Keith. 1,914,025; June 13.
- Tools, Apparatus and process of making abrasive. O. S. Buckner. 1,930,788; Oct. 17.
- Tools, Apparatus for sharpening. A. A. Roth. 1,906,888; May 2.
- Tools, Arrangement in striking. E. M. Agren. 1,896,992; Feb. 7.
- Tools, Attachment for rock drill. A. E. Bundsen. 1,921,341; Aug. 8.
- Tools, Hydraulic operating system for machine. E. P. Burrell. 1,939,102; Dec. 12.
- Tools, Making cutting. I. Yassenoff. 1,908,208; May 9.
- Tools, Making forging. L. I. Yeomans. 1,936,652; Nov. 28.
- Tools, Method of and device for forming cutting. E. Wildhaber. 1,910,730; May 23.
- Tools, Producing cutting and grinding. P. Hopf. 1,935,798; Nov. 21.
- Tools provided with hard metal members, Making and hardening. A. Meusch. 1,902,513; Mar. 21.
- Tools, specially grinding machine, Building up of machine. C. Krug. 1,909,110; May 16.
- Tools, Stock guide means for machine. C. A. Rich. 1,904,329; Apr. 18.
- Tools, System for detecting faults in sharp edged. P. N. Peters. 1,897,141; Feb. 14.
- Tools, Wayguard and platform construction for machine. H. M. Lucas. 1,937,659; Dec. 5.
- Tools, Work driving mechanism for machine. E. R. Smith and A. Schinkez. 1,914,984; June 20.
- Tools, Work-rotating structure for machine. H. L. Flather. 1,908,592; May 9.
- Tooth, Artificial. V. H. Sears. 1,930,065; Oct. 10.
- Tooth base with laterally interlocked points, Excavating. J. O. Clark. 1,917,431; July 11.
- Toothbrush. M. Abelson. 1,929,530; Oct. 10.
- Toothbrush. K. Akizawa. 1,932,878; Oct. 31.
- Toothbrush. I. Barkan. 1,903,161; Mar. 28.
- Toothbrush. D. N. Booth. 1,894,509; Jan. 17.
- Toothbrush. H. V. Bryan. 1,901,866; Mar. 21.
- Toothbrush. R. J. Carpenter. 1,928,328; Sept. 26.
- Toothbrush. D. M. and Z. T. Coney. 1,924,152; Aug. 29.
- Toothbrush. W. K. Davis. 1,908,509; May 9.
- Toothbrush. C. E. Dodson. 1,908,510; May 9.
- Toothbrush. C. E. Dodson. 1,908,511; May 9.
- Toothbrush. E. Doll. 1,939,001; Dec. 12.
- Toothbrush. H. P. Duey. 1,897,365; Feb. 14.
- Toothbrush. H. P. Duey. 1,901,230; Mar. 14.
- Toothbrush. M. J. Falk. Des. 90,106; June 13.
- Toothbrush. N. Frolio. 1,927,365; Sept. 19.
- Toothbrush. L. O. Graves. Re19,006; Nov. 21.
- Toothbrush. H. W. Hicks. 1,901,646; Mar. 14.
- Toothbrush. M. A. Levin. 1,913,990; June 13.
- Toothbrush. C. A. McKinley. 1,910,304; May 23.
- Toothbrush. G. H. Nenning and J. C. Johnson. 1,894,413; Jan. 17.
- Toothbrush. J. E. O'Donnell. 1,935,099; Nov. 14.
- Toothbrush. C. E. Primeau and F. J. Weston. 1,925,818; Sept. 5.
- Toothbrush. C. Rothschild. 1,893,002; Jan. 3.
- Toothbrush. H. Seeliger. 1,916,641; July 4.
- Toothbrush. R. J. Talbot. 1,896,982; Feb. 7.
- Toothbrush, Double action rotating. T. Ruse. 1,911,973; May 30.
- Toothbrush, Fountain. J. W. Beresford. 1,900,326; Mar. 7.
- Toothbrush, Fountain. M. Hegge. 1,913,079; June 6.
- Toothbrush, Fountain. R. J. Joseph. 1,902,859; Mar. 28.
- Toothbrush holder. A. McNab. 1,899,242; Feb. 28.
- Toothbrush holder. W. Ochse. 1,935,781; Nov. 21.
- Toothbrush, Interchangeable. H. G. L. Lemoine. 1,902,410; Mar. 21.
- Toothbrush, Power operated. L. J. Lippett. 1,896,731; Feb. 7.
- Toothbrush, Rotary. W. D. Hawk. 1,927,566; Sept. 19.
- Toothbrush, Rotary. C. C. V. Smith. 1,905,656; Apr. 25.
- Toothbrushes, Pressure spray attachment for. Y. H. Babasin. 1,899,301; Feb. 28.
- Tooth-cleaner. M. H. Steinert. 1,901,419; Mar. 14.
- Tooth cleaning appliance with resilient cleaning members. I. Varga. 1,910,414; May 23.
- Tooth crown and making the same. F. O. Jacques. 1,916,321; July 4.
- Tooth crowns, Forming. F. O. Jacques. 1,893,520; Jan. 10.
- Tooth, Dipper. F. Finkl. 1,918,841; July 18.
- Tooth, Divisible. R. H. Gillespie. 1,903,730; Apr. 11.
- Tooth for crusher rolls and other crushing elements, Replaceable. H. F. Campbell. 1,939,660; Dec. 19.
- Tooth guide. A. W. Green. 1,938,222; Dec. 5.
- Tooth mold. C. E. Becker. 1,939,639; Dec. 19.
- Tooth paste. F. C. Atkinson. 1,916,463; July 4.
- Toothpaste dispenser. A. J. Brochu. 1,906,837; May 2.
- Toothpaste dispenser. F. O. Johnson. 1,895,163; Jan. 24.

- Toothpick. L. John. 1,927,455; Sept. 19.
 Toothpick container, Sanitary. K. S. Bruneau. 1,927,021; Sept. 19.
 Toothpick dispenser. E. C. Brolin. 1,896,571; Feb. 7.
 Toothpick dispenser, Sanitary. M. Dedek. 1,906,550; May 2.
 Toothpick ejector. H. Altinger. 1,913,324; June 6.
 Tooth powder dispenser. P. J. Mandabach. 1,922,967; Aug. 15.
 Tooth sprocket wheel and making same, Reversible. L. E. Smoot. 1,921,329; Aug. 8.
 Tooth swage. S. M. Taylor. 1,905,013; Apr. 25.
 Toothed-wheel pump. W. Drysdale. 1,907,346; May 2.
 Top. C. A. Wetzell. 1,907,419; May 2.
 Top and burner structure for fire pots, Combined. J. Ironside and C. B. Overly. 1,909,584; May 16.
 Top and holder, Spinning. G. Morini. 1,907,084; May 2.
 Top, Automobile. A. J. Pinto. 1,907,662; May 9.
 Top, Convertible vehicle. H. Mayer. 1,903,240; Mar. 28.
 Top for a game table or similar article. C. F. Klein. Des. 89,570; Apr. 4.
 Top for automobile rumble seats. G. E. Westad. 1,910,075; May 23.
 Top for automobiles, Extension. W. Barber. 1,912,355; June 6.
 Top for fruit and vegetable boxes or crates. P. G. Pierpont. 1,919,391; July 25.
 Top for ingot molds, Hot. W. Mathesius. 1,900,066; Mar. 7.
 Top for the rumble seats of automobiles, Disappearing canopy. S. W. Harvey. 1,897,946; Feb. 14.
 Top member for fastening illuminating bodies to ceilings. O. Bernhardt and E. Vormann. 1,903,421; Apr. 11.
 Top or cover plate for typewriting machines. J. H. Rand, Jr. and J. A. Zellers. Des. 89,410; Mar. 7.
 Top, Portable desk. L. S. Madden. 1,896,965; Feb. 7.
 Top prop joint. W. S. Saunders. 1,897,442; Feb. 14.
 Top, Rumble seat. C. C. Butefish. 1,921,308; Aug. 8.
 Top, Rumble seat. S. Ostroff. 1,898,260; Feb. 21.
 Top, Rumble seat. G. Sparano. 1,896,980; Feb. 7.
 Top, Spinning. F. B. Columbia. Des. 89,699; Sept. 19.
 Top, Spinning. J. Johnson. Des. 89,705; Apr. 25.
 Top-spinning device. A. F. Morgan. 1,898,680; Feb. 21.
 Tops of vehicles, Apparatus for washing. I. L. Pulliam. 1,908,788; May 16.
 Torch. A. J. and I. F. Fausek. 1,926,438; Sept. 12.
 Torch. A. Scharf. 1,929,039; Oct. 3.
 Torch, Atomic gas. B. V. Nagashev. 1,911,033; May 23.
 Torch, Blow. R. A. Wiley and C. L. Wolfe. 1,915,141; June 20.
 Torch body or handle, Welding. D. M. Hasbrouck. Des. 90,248; July 4.
 Torch, Cutting. J. L. Anderson. 1,919,764; July 25.
 Torch, Electric cutting. I. S. Sammons. 1,927,135; Sept. 19.
 Torch, Electric heating. B. J. Mancuso. 1,932,703; Oct. 31.
 Torch, Gas. D. R. Wills. 1,912,612; June 6.
 Torch, Hair singeing. A. Bongiovanni and O. Zacamy. 1,937,624; Dec. 5.
 Torch holder. R. Wyss. 1,922,409; Aug. 15.
 Torch holding and adjusting mechanism. S. R. Oldham. 1,941,184; Dec. 26.
 Torch, Interchangeable. F. E. Bennett and R. C. Skeel. 1,940,343; Dec. 19.
 Torch, Plumber's. W. Bernz and J. E. Flitcroft. 1,913,103; June 6.
 Torch, Plumber's. P. Meyer. 1,896,782; Feb. 7.
 Torch, Welding. H. W. Tobey and H. V. May. 1,904,104; Apr. 18.
 Torpedo. J. J. Moore. 1,935,126; Nov. 14.
 Torpedo armament for surface warships, Above-water. E. L. Champness. 1,907,499; May 9.
 Torpedo dart. O. F. Schroeder. 1,893,787; Jan. 10.
 Torpedo, Electrically ignited. R. H. Fladger. 1,918,594; July 18.
 Torpedo for launching from a flying machine. J. A. Bull. 1,923,612; Aug. 22.
 Torque applier, Limited. F. Riess and J. F. Sloan. 1,912,011; May 30.
 Torque control and automatic drill control. W. L. Hawk. 1,904,765; Apr. 18.
 Torque conversion and transmission. J. Last. 1,914,813; June 20.
 Torque distributor. F. P. Lawler. 1,920,994; Aug. 8.
 Torque distributor. F. P. Lawler. 1,934,721; Nov. 14.
 Torque-resisting arrangement for multiwheelers. A. I. Marcum. 1,933,675; Nov. 7.
 Torsion and coupling controlling device. G. A. Montgomery. 1,897,322; Feb. 14.
 Torsion pendulum. J. L. Reutter. 1,904,169; Apr. 18.
 Torsional vibration, Counteracting. C. E. Summers. 1,896,027; Jan. 31.
 Total taking mechanism. E. Breitling. 1,899,455; Feb. 28.
 Total taking mechanism. G. F. Daly. 1,921,454; Aug. 8.
 Totalizing device for adding machines. G. J. Barrett. 1,924,089; Sept. 5.
 Totalizer counting and displaying arrangement. F. Limb. 1,938,526; Dec. 5.
 Totalizer selecting means. E. H. Seyfried. 1,910,716; May 23.
 Totalizing mechanism. R. J. McFall. 1,914,272; June 13.
 Totalizing mechanism. R. J. McFall. 1,926,878; Sept. 12.
 Totalizing system. A. J. Johnston. 1,935,450; Nov. 14.
 Tote box. H. L. Kennedy. 1,893,747; Jan. 10.
 Tow line. S. Reichert. 1,920,106; July 25.
 Tow line and making same. E. W. Jasper. 1,924,992; Aug. 29.
 Towel. B. A. Martin. 1,922,169; Aug. 15.
 Towel dispenser, Paper. J. C. Perrin. 1,913,722; June 13.
 Towel, Folded paper. S. J. Campbell. 1,911,548; May 30.
 Towel or similar article. N. Clemence. Des. 89,169; Feb. 7.
 Towel service apparatus. S. A. Schwartz. 1,902,588; Mar. 21.
 Towel stand. L. Guild. Des. 91,026-8; Nov. 14.
 Towels, drying cloths, and other objects, Device for suspending. A. A. Terry. 1,922,989; Aug. 15.
 Tower, Atmospheric cooling. P. E. Fluor. 1,916,724; July 4.
 Tower, Automobile parking. J. E. Morton. 1,924,130; Aug. 29.
 Tower, Bubble. R. R. Bottoms. 1,899,409; Feb. 28.
 Tower, Cooling. S. C. Coey. 1,929,411; Oct. 10.
 Tower, Cooling. G. T. Martin. 1,907,330; May 2.
 Tower, Cyclonic cooling. S. C. Coey. 1,929,410; Oct. 10.
 Tower, Fractionating. J. Primrose and H. R. Swanson. 1,893,906; Jan. 10.
 Tower, Gas cleaning. A. N. Crowder. 1,937,265; Nov. 28.
 Tower, Rescue. A. Bacinich. 1,916,294; July 4.
 Tower, Structural. T. B. Fleming. 1,939,964; Dec. 19.
 Tower, Transmission. I. W. Marshall. 1,917,594; July 11.
 Towing device. F. Bonge. 1,902,212; Mar. 21.
 Towing device. F. H. Miller. 1,940,556; Dec. 19.
 Toy. E. B. Andes. 1,908,942; May 16.
 Toy. R. Becotte. Des. 89,032; Jan. 17.
 Toy. G. O. Benson. 1,925,067; Aug. 29.
 Toy. J. Block. 1,907,285; May 2.
 Toy. M. H. Böninger. 1,914,938; June 20.
 Toy. J. N. Borroughs. 1,895,068; Jan. 24.
 Toy. P. Brunner. 1,896,607; Feb. 7.
 Toy. J. P. Buckley. 1,903,805; Apr. 18.
 Toy. E. R. Chase. 1,914,076; June 13.
 Toy. W. A. Coventry. 1,935,353; Nov. 14.
 Toy. R. De Silva. 1,923,019; Aug. 15.
 Toy. R. C. Dole. 1,898,817; Feb. 21.
 Toy. L. M. Dunn and W. H. Mills. 1,901,707; Mar. 14.
 Toy. C. Fehrenbach. Des. 91,133; Dec. 5.
 Toy. C. D. Gregory. Des. 91,191; Dec. 19.
 Toy. F. M. Hoover. 1,933,015; Oct. 31.
 Toy. J. Kersten. 1,904,028; Apr. 18.
 Toy. L. E. Kupfer. 1,894,105; Jan. 10.
 Toy. F. R. Labin. 1,914,438; June 20.
 Toy. O. A. Langos. 1,930,450; Oct. 10.
 Toy. V. Lorenzi. Des. 91,113; Nov. 28.
 Toy. C. Marchetti. 1,900,353; Mar. 7.
 Toy. H. F. Nelson. 1,896,913; Feb. 7.
 Toy. R. J. Parrish. 1,937,162; Nov. 28.
 Toy. L. Ranney and H. F. Gade. 1,900,419; Mar. 7.
 Toy. A. G. Redmond. 1,911,392; May 30.
 Toy. A. G. Redmond. 1,917,599; July 11.
 Toy. L. M. Reeder. 1,922,746; Aug. 15.
 Toy. F. F. C. Rippon. 1,902,971; Mar. 28.
 Toy. H. I. Somerville. 1,929,995; Oct. 10.
 Toy. J. J. Sparlow. 1,911,723; May 30.
 Toy. P. C. Thompson. 1,922,990; Aug. 15.
 Toy. L. Turchanyi. Des. 30,301; July 11.
 Toy. L. Turchanyi. Des. 90,270; July 4.
 Toy. C. A. Wetzell. Des. 91,226-7; Dec. 19.
 Toy. W. R. Williams. 1,910,455; May 23.
 Toy, Aerial. H. B. Faber and L. L. Driggs, Jr. Re19,022; Dec. 12.
 Toy, Aerial. W. A. Martin. 1,918,413; July 18.
 Toy, Aeroplane. J. Eslinger. 1,939,962; Dec. 19.
 Toy aeroplane. A. C. Wurtzer. 1,925,427; Sept. 5.
 Toy, Aeroplane bombing. L. T. E. Thompson. 1,924,261; Aug. 29.
 Toy, Air. B. C. Rubin. 1,928,703; Oct. 3.
 Toy aircraft. P. H. Spencer. 1,907,887; May 9.
 Toy, Airplane. R. M. Guillow. 1,920,746; Aug. 1.
 Toy, Airplane. J. Hojnowski. 1,928,154; Sept. 26.
 Toy airplane. W. W. Wallace. 1,912,925; June 6.
 Toy and producing the same, Animal. J. L. Kaufman. 1,911,512; May 30.
 Toy and similar device. C. W. Hutchinson. 1,911,510; May 30.
 Toy, Animated wind. J. A. Baldwin. 1,899,788; Feb. 28.
 Toy animation picture device. S. B. Tebeau. 1,903,272; Mar. 28.
 Toy, Audible figure. W. Ross. 1,925,006; Aug. 29.
 Toy balloon. W. Kops. Des. 90,810; Oct. 3.
 Toy balloon with openings, Inflatable. F. B. Pastir. 1,916,527; July 4.
 Toy balloons, Coloring. J. C. Gibson. Re18,910; Aug. 1.
 Toy bank. H. Eschenbacher. 1,918,691; July 18.
 Toy bank. P. J. Nagle. 1,909,214; May 16.
 Toy bell, Revolving. N. Lofquist. Des. 89,084; Jan. 24.
 Toy blackboard. H. M. Fancher. 1,931,378; Oct. 17.
 Toy building block. F. H. Mills. 1,902,136; Mar. 21.
 Toy cars, Automatic coupler for. H. S. Becker. 1,912,249; May 30.
 Toy cash register. A. N. Smith. 1,894,524; Jan. 17.
 Toy circus. W. H. Vickers. 1,923,244; Aug. 22.
 Toy clock. A. R. Burke. 1,893,882; Jan. 10.
 Toy coast defense gun. F. J. Peters. 1,900,024; Mar. 7.
 Toy coaster wagon. C. C. Blackmore. 1,893,193; Jan. 3.

- Toy, Collapsible furniture. E. J. Lauth and H. C. Bohnke. 1,930,173; Oct. 10.
- Toy construction block. C. H. Pajean. 1,915,835; June 27.
- Toy construction block. C. H. Pajean. 1,916,634; July 4.
- Toy construction block. R. E. Sanders. 1,894,061; Jan. 10.
- Toy container. M. Sweitzer. 1,928,323; Sept. 26.
- Toy crane. A. Levy. 1,931,734; Oct. 24.
- Toy, Dancing. K. C. McGee. 1,898,735; Feb. 21.
- Toy dog. R. H. Breeding. Des. 90,568; Aug. 29.
- Toy doll house. E. J. Bursell. 1,935,542; Nov. 14.
- Toy, Double rope skipping. C. Kreutzer. 1,893,173; Jan. 3.
- Toy drum. R. H. Hiers. 1,932,968; Oct. 31.
- Toy drum. J. A. Steer. 1,914,652; June 20.
- Toy duck. R. H. Breeding. Des. 90,566; Aug. 29.
- Toy duck. R. H. Breeding. Des. 90,569; Aug. 29.
- Toy electric railway. L. W. Rosenthal. 1,911,241; May 30.
- Toy electric railways, Control panel for. L. W. Rosenthal. 1,911,243; May 30.
- Toy electric railways, Track connector for. L. W. Rosenthal. 1,914,531; June 20.
- Toy, Electrical. J. L. Cowen and L. Caruso. 1,932,512; Oct. 31.
- Toy, Electrically heated. W. O. Collins. 1,896,663; Feb. 7.
- Toy, Electrically lighted. A. N. Smith. 1,922,004; Aug. 8.
- Toy, Electrically lighted vehicle. A. N. Smith. 1,912,545; June 6.
- Toy, Explosive. K. Kohn. 1,914,607; June 20.
- Toy explosive device. S. S. Adams. 1,936,150; Nov. 21.
- Toy figure. J. L. Kallus. 1,932,216; Oct. 24.
- Toy, Figure. L. C. Leavstrom. 1,932,346; Oct. 24.
- Toy, Figure. F. H. Schavoir. 1,940,608; Dec. 19.
- Toy, Figure. H. J. Williams. Des. 89,604; Jan. 10.
- Toy firearm. V. Damico. 1,935,287; Nov. 14.
- Toy firearm. R. W. Scott. 1,910,064; May 23.
- Toy fire chief's coupé automobile or the like. A. N. Smith. Des. 90,961; Oct. 31.
- Toy fire engine. A. N. Smith. Des. 90,929; Oct. 24.
- Toy for horticultural purposes. A. C. Gilbert. 1,921,027; Aug. 8.
- Toy gun. M. Garbell. 1,893,701; Jan. 10.
- Toy gun. A. T. Linney. Des. 89,048; Jan. 17.
- Toy gun. H. F. Nelson. 1,905,737; Apr. 25.
- Toy gun. H. W. Slice. 1,915,035; June 20.
- Toy gun. P. Weber. 1,921,017; Aug. 8.
- Toy hoop. F. A. Thalmann. 1,895,216; Jan. 24.
- Toy hoop roller. C. Metz. 1,906,480; May 2.
- Toy, Hydraulic. L. Ranney. 1,893,507; Jan. 10.
- Toy, Inflatable figure. I. and L. Dorogi. 1,901,150; Mar. 14.
- Toy locomotive. A. C. Gilbert. 1,898,009; Feb. 21.
- Toy locomotives, Headlight for. E. D. Boisselier. 1,914,324; June 13.
- Toy locomotives, Lighting system for. E. D. Boisselier. 1,914,323; June 13.
- Toy locomotives, Mechanical sound attachment for. H. R. Howser, jr. 1,941,307; Dec. 26.
- Toy machine gun. C. W. Brown. Des. 89,373; Feb. 28.
- Toy machine-gun. F. E. Miller. 1,916,680; July 4.
- Toy machine. Mechanical movement. E. S. Peake. 1,926,305; Sept. 12.
- Toy, Mechanical. R. D. Beerbower. 1,902,154; Mar. 21.
- Toy, Mechanical. A. R. Forner. 1,927,233; Sept. 19.
- Toy, Mechanical. E. F. Ledbetter. 1,932,317; Oct. 24.
- Toy, Mechanical. S. L. Long. 1,914,515; June 20.
- Toy, Mechanical. G. Manassero. 1,927,067; Sept. 19.
- Toy, Mechanical. H. J. Melville. 1,897,670; Feb. 14.
- Toy, Mechanical. R. J. Naue. 1,918,122; July 11.
- Toy, Mechanical. D. Wypy. 1,927,861; Sept. 26.
- Toy monkey. R. H. Breeding. Des. 90,571; Aug. 29.
- Toy motor. J. A. Le Page. 1,940,552; Dec. 19.
- Toy, Novelty. S. S. Adams. 1,903,082; Mar. 28.
- Toy or ornament of a shape to represent an animal. M. E. Biber. 1,925,895; Sept. 5.
- Toy parachute. C. O. Bowman. 1,894,901; Jan. 17.
- Toy, Parachute. T. W. Newman. 1,938,931; Dec. 12.
- Toy parachute and projecting means therefor. A. R. C. Giese. 1,941,082; Dec. 26.
- Toy pistol. J. E. Brubaker. 1,895,407; Jan. 24.
- Toy pistol. F. B. Keyston. 1,902,708; Mar. 21.
- Toy pistol. E. S. Peake. Des. 89,207; Feb. 7.
- Toy pistol. E. S. Peake. 1,921,133; Aug. 8.
- Toy power shovel. R. M. Gaver. 1,939,442; Dec. 12.
- Toy projectile. L. B. Williams. 1,894,333; Jan. 17.
- Toy rabbit. R. H. Breeding. Des. 90,570; Aug. 29.
- Toy railroad. M. Ewen, jr. 1,931,606; Oct. 24.
- Toy railway layout, Sectional. L. W. Rosenthal. 1,911,240; May 30.
- Toy railway system. R. G. Smith. 1,905,571; Apr. 25.
- Toy railway track. F. Ottenstein. 1,913,286; June 6.
- Toy railway units, Mount for. L. W. Rosenthal. 1,911,242; May 30.
- Toy railways, Rail connector for. L. W. Rosenthal. 1,914,168; June 13.
- Toy rapid-fire gun. W. Trubenbach and F. Warholick. 1,927,424; Sept. 19.
- Toy rooster. R. H. Breeding. Des. 90,567; Aug. 29.
- Toy, Sand. F. G. Coughlin. 1,935,543; Nov. 14.
- Toy savings bank. O. H. Brasier. 1,893,726; Jan. 10.
- Toy ship. W. Kellermann. Des. 90,852; Oct. 10.
- Toy shovel. A. G. Redmond. 1,929,516; Oct. 10.
- Toy store. P. O. Gilmond. Re18,738; Feb. 14.
- Toy structure. A. H. Wessel. 1,935,256; Nov. 14.
- Toy, Submersible. L. Ranney. 1,893,000; Jan. 3.
- Toy-supported motor. H. M. Svebilus. 1,915,840; June 27.
- Toy telephone. L. J. Voisin. 1,936,217; Nov. 21.
- Toy tractor. S. I. Berger. 1,911,546; May 30.
- Toy train draft coupling. W. G. Daniels. 1,897,362; Feb. 14.
- Toy, Tunnel. B. Clark. 1,917,018; July 4.
- Toy, Twin ball. B. W. Smith. 1,932,943; Oct. 31.
- Toy typewriter. T. R. Arden. 1,907,379; May 2.
- Toy vacuum cleaner. H. D. Allen. 1,933,501; Oct. 31.
- Toy vacuum sweeper. H. D. Allen. 1,935,172; Nov. 14.
- Toy vehicle. C. C. Blackmore. 1,923,049; Aug. 15.
- Toy vehicle. C. W. Hummer. 1,893,897; Jan. 10.
- Toy vehicle. G. F. Jones. 1,910,018; May 23.
- Toy vehicle. E. A. Peterson. Des. 89,245; Feb. 7.
- Toy vehicle and the like device. M. J. Kopsco. 1,939,989; Dec. 19.
- Toy vehicle apparatus. J. F. Key. 1,898,633; Feb. 21.
- Toy vehicles. J. E. Brubaker. 1,895,968; Jan. 31.
- Toy vehicles, Unit for. H. T. Kingsbury. 1,917,128; July 4.
- Toy, Walking. A. Sumisky. 1,927,558; Sept. 19.
- Toy, Walking. A. Sumisky. 1,936,647; Nov. 28.
- Toy, Wheel. A. Chlosta. 1,916,879; July 4.
- Toy, Wheeled. E. S. Peake. 1,905,649; Apr. 25.
- Toy, Wheeled. E. S. Teake. 1,929,257; Oct. 3.
- Toy, Wheeled. S. Warren. 1,931,139; Oct. 17.
- Toy, Whirling. H. B. Rogers. 1,915,868; June 27.
- Toy windmill. L. Cherneff. Des. 90,358; July 25.
- Toy windmill. J. Hammarstrom. 1,918,747; July 18.
- Toy wind-wheel. W. J. Kerr. 1,910,923; May 23.
- Toy windwheel. J. W. Whelan. Des. 89,473; Mar. 14.
- Toy with driving mechanism. C. Arnold. 1,938,129; Dec. 5.
- Toy with spark producing device, Siren. C. Arnold. 1,899,073; Feb. 28.
- Toy, Wood sawing. C. P. Slagle. 1,923,801; Aug. 22.
- Tracer. H. J. Grow. 1,928,015; Sept. 26.
- Tracing apparatus. W. D. Mason. 1,929,846; Oct. 10.
- Tracing device for instruments such as integrals and the like. O. Coradi and W. Leeman. 1,900,332; Mar. 7.
- Tracing instrument. W. E. Turner. 1,929,007; Oct. 3.
- Tracing material. W. Schwalbe, E. Fuchs and O. Schnecko. 1,934,824; Nov. 14.
- Track and platform structure, Railway. W. A. Hutton. 1,926,695; Sept. 12.
- Track and support therefor. K. J. Tobin. 1,922,337; Aug. 15.
- Track apparatus for spectacular performances. R. P. Hayhurst. 1,895,285; Jan. 24.
- Track brake. K. E. Wenzel. 1,906,347-9; May 2.
- Track clearing implement. E. B. Meyer. 1,920,475; Aug. 1.
- Track clearing implement. E. B. Meyer. 1,925,397; Sept. 5.
- Track crossing construction, Railway. E. W. Bayes. 1,900,788; Mar. 7.
- Track device for automobile lifts, Auxiliary. C. J. Bristol. 1,926,368; Sept. 12.
- Track dresser, Railroad. J. A. Bryant. 1,915,919; June 27.
- Track, Flexible. H. A. Knox. 1,924,161; Aug. 29.
- Track for motor vehicles, Endless. A. F. Masury. 1,918,853; July 18.
- Track for track-laying vehicles. H. A. Knox. 1,923,099; Aug. 22.
- Track for track laying wheels. J. Kuchar. 1,922,377; Aug. 15.
- Track for tractors, Endless. H. W. Alden. 1,913,098; June 6.
- Track for vehicles, Endless. G. M. Barnes and T. H. Nixon. 1,931,522; Oct. 24.
- Track frame stabilizer for track-laying tractors. W. C. Rosenthal and N. O. Panzergau. 1,932,121; Oct. 24.
- Track frame structure. D. B. Baker, C. R. Rogers, and N. O. Panzergau. 1,919,315; July 25.
- Track irons, Apparatus for reshaping worn railway. O. J. Nyberg. 1,932,375; Oct. 24.
- Track laying device. F. A. Streich. 1,901,421; Mar. 14.
- Track-laying unit, Wheeled. W. D. Sargent. 1,926,244; Sept. 12.
- Track link. E. F. Norelius. 1,934,627; Nov. 7.
- Track lubrication. C. A. Clark. 1,915,216; June 20.
- Track measuring device for railroad vehicles. O. Richter. 1,930,395; Oct. 10.
- Track members, Building up worn. C. A. Daley. 1,933,139; Oct. 31.
- Track members, Treating railroad. C. A. Daley. 1,924,846; Aug. 29.
- Track mounting, Elevator. L. H. Kiesling. 1,901,520; Mar. 14.
- Track rails, Grinding. C. A. Fox. 1,923,020; Aug. 15.
- Track recorder. S. E. Wishard. 1,898,159; Feb. 21.
- Track relay. A. W. Hull. 1,919,064; July 18.
- Track, Roller. C. G. Johnson. 1,902,836; Mar. 28.
- Track tool. H. C. Quesenberry. 1,925,203; Sept. 5.
- Tracks, Apparatus for forming sine. H. Capdet. 1,903,027; Mar. 28.
- Trackway equipment, Train-control. G. F. Weinreich. 1,905,667; Apr. 25.
- Trackway, Flexible. R. S. Falkner. 1,931,531; Oct. 24.

- Traction and antiskid chain. A. G. Corey. 1,929,238; Oct. 3.
- Traction, Creeping. M. L. Fykse and H. E. Bauer. 1,929,416; Oct. 10.
- Traction, Creeping. M. L. Fykse and H. E. Bauer. 1,939,684; Dec. 19.
- Traction device. O. F. Hipkins. 1,920,506; Aug. 1.
- Traction device. R. L. Van Derveer. 1,915,561; June 27.
- Traction drive wheel, Metal. J. M. Roberts. 1,932,604; Oct. 31.
- Traction increasing device. J. C. McCune. 1,898,555; Feb. 21.
- Traction increasing device. A. Rozwora. 1,911,244; May 30.
- Traction lug. W. Knudsen. 1,926,746; Sept. 12.
- Traction of agricultural and similar machinery, Mechanical. D. P. Bottini. 1,926,935; Sept. 12.
- Traction regulating means for multiwheel road vehicles. R. B. Fageol. 1,926,273; Sept. 12.
- Traction wheel. A. J. Fortescue. 1,923,196; Aug. 22.
- Traction wheel. W. M. Welsford. 1,901,544; Mar. 14.
- Tractor. E. C. Bopf. 1,912,031; May 30.
- Tractor. H. Brown. 1,929,804; Oct. 10.
- Tractor. T. Brown. 1,897,751; Feb. 14.
- Tractor. T. Brown. 1,928,961; Oct. 3.
- Tractor. T. Brown. 1,933,540; Nov. 7.
- Tractor. T. Brown. 1,939,950; Dec. 19.
- Tractor. T. Brown and L. A. Murray. 1,933,539; Nov. 7.
- Tractor. J. S. Clapper and J. Ross. 1,914,633; June 20.
- Tractor. J. Donaldson. 1,912,518; June 6.
- Tractor. W. S. Hosmer. 1,903,968; Apr. 18.
- Tractor. E. McCormick. 1,928,109; Sept. 26.
- Tractor. H. E. McCray. 1,919,069; July 18.
- Tractor. D. Parrett. 1,937,839; Dec. 5.
- Tractor. J. S. Rodgers. 1,928,136; Sept. 26.
- Tractor. J. L. Shadburn and J. H. McCurray. 1,922,460; Aug. 15.
- Tractor. F. A. Smythe. 1,906,116; Apr. 25.
- Tractor. F. H. Snyder. 1,923,332; Aug. 22.
- Tractor. A. and L. Weber. 1,918,221; July 11.
- Tractor and soil pulverizer, Combined. J. L. Casperson. 1,930,507; Oct. 17.
- Tractor and trailer, Combination. H. H. Robinson. Des. 90,925; Oct. 24.
- Tractor attachment. J. D. Cummings and R. Eichenberg. 1,931,221; Oct. 17.
- Tractor attachment. J. D. Cummings and M. P. Laurent. 1,907,934; May 9.
- Tractor attachment. E. E. Ervin. 1,939,258; Dec. 12.
- Tractor attachment for trucks. G. I. Worley. 1,895,241; Jan. 24.
- Tractor attachments. C. P. Langdon. 1,917,914; July 11.
- Tractor bus body. G. M. Schantz and W. P. Diefenderfer. 1,917,396; July 11.
- Tractor crane. T. N. Garson. 1,909,528; May 16.
- Tractor cultivator. S. W. Cady and H. P. Smith. 1,936,749; Nov. 28.
- Tractor cultivator. I. L. Charlesworth. 1,902,689; Mar. 21.
- Tractor cultivators, Ground leveling attachment for. L. M. Lewison. 1,907,842; May 9.
- Tractor derrick combination. J. L. de Vou. 1,933,472; Oct. 31.
- Tractor, Dirt scraping conveying. J. W. Markus. 1,895,002; Jan. 24.
- Tractor drawn implements, Raising and lowering. G. Guerri. 1,893,410; Jan. 3.
- Tractor guide. M. Hansen. 1,931,653; Oct. 24.
- Tractor guide. M. Mattson. 1,938,436; Dec. 5.
- Tractor guide. E. Miller. 1,936,946; Nov. 28.
- Tractor guide. W. H. Silver. 1,900,525; Mar. 7.
- Tractor guide. F. L. Willrodt. 1,916,546-7; July 4.
- Tractor hitch. E. R. Greer. 1,927,891; Sept. 26.
- Tractor hitch. J. Morkovski. 1,936,768; Nov. 28.
- Trailer hitch. G. R. Prentice. 1,934,141; Nov. 7.
- Tractor hitches. N. J. Glabus. 1,935,707; Nov. 21.
- Tractor implement. G. Geraldson. 1,914,117; June 13.
- Tractor link. C. Rorabeck. 1,934,820; Nov. 14.
- Tractor lister cultivator. W. H. Silver. 1,923,400; Aug. 22.
- Tractor lug. H. Griebat. 1,892,945; Jan. 3.
- Tractor plow. A. C. Lindgren and G. J. Olson. 1,941,013; Dec. 26.
- Tractor power coupling mechanism. E. Knapp and C. G. Allgrunn. 1,896,901; Feb. 7.
- Tractor power coupling mechanism. E. Knapp and C. G. Allgrunn. 1,904,832; Apr. 18.
- Tractor running gear. N. M. Erdahl. 1,913,705; June 13.
- Tractor scoop structure. H. M. Wirt. 1,901,485; Mar. 14.
- Tractor semitrailer. F. M. Reid. 1,922,395; Aug. 15.
- Tractor shoe. C. H. Olson. 1,908,045; May 9.
- Tractor spring tooth harrow. A. E. W. Johnson and W. C. Dwyer. 1,923,930; Aug. 22.
- Tractor steering control. B. R. Benjamin and S. W. Cady. 1,915,285; June 27.
- Tractor swing frame aligning means. W. S. Jobe. 1,933,018; Oct. 31.
- Tractor, Tracklaying. F. O. Snow, jr. 1,901,269; Mar. 14.
- Tractor, Track type. E. A. Johnston and D. B. Baker. 1,932,108; Oct. 24.
- Tractor-trailer coupling. G. Athanassiou. 1,935,006; Nov. 14.
- Tractor truck for power shovels. H. B. Haines. 1,936,938; Nov. 28.
- Tractor wheel. G. Föhl. 1,929,850; Oct. 10.
- Tractor wheel. D. J. Tomlinson. 1,936,907; Nov. 28.
- Tractor wheel bearing. J. E. Cade. 1,909,569; May 16.
- Tractor with two motors. J. R. Ritchie. 1,913,567; June 13.
- Tractors, Power lift mechanism for. S. W. Cady. 1,911,306; May 30.
- Traffic control apparatus. E. D. Stirlen, C. D. Geer, and F. G. Kelly, jr. 1,908,077; May 9.
- Traffic control system. R. W. Conn. 1,939,436; Dec. 12.
- Traffic control system. C. E. Ives. 1,931,350; Oct. 17.
- Traffic control system. J. B. Radford. 1,931,851; Oct. 24.
- Traffic control system. A. G. Shaver. 1,913,728-9; June 13.
- Traffic control system for railroads, Centralized. R. M. Phinney. 1,895,422; Jan. 24.
- Traffic control system, Highway. D. J. McCormick. 1,921,423; Aug. 8.
- Traffic controlling apparatus, Railway. P. N. Bossart. 1,907,722; May 9.
- Traffic controlling apparatus, Railway. B. E. O'Hagan. 1,905,186; Apr. 25.
- Traffic controlling apparatus, Railway. C. M. Hines. 1,900,713; Mar. 7.
- Traffic controlling apparatus, Railway. C. M. Hines. 1,909,057; May 16.
- Traffic controlling apparatus, Railway. A. T. Johnston. 1,908,761; May 16.
- Traffic controlling apparatus, Railway. R. R. Kemmerer. 1,919,279; July 25.
- Traffic controlling apparatus, Railway. R. R. Kemmerer. 1,930,171; Oct. 10.
- Traffic controlling apparatus, Railway. R. R. Kemmerer. 1,940,913; Dec. 26.
- Traffic controlling apparatus, Railway. R. A. McCann and H. S. Young. 1,940,915; Dec. 26.
- Traffic controlling apparatus, Railway. F. H. Nicholson. 1,924,215; Aug. 29.
- Traffic controlling apparatus, Railway. J. M. Pelikan and C. A. Brooks. 1,910,360; May 23.
- Traffic controlling apparatus, Railway. M. A. Penrod. 1,926,789; Sept. 12.
- Traffic controlling apparatus, Railway. L. E. Spray. 1,919,810; July 25.
- Traffic controlling apparatus, Railway. H. A. Thompson. 1,906,021; Apr. 25.
- Traffic controlling apparatus, Railway. H. A. Thompson. 1,912,923; June 6.
- Traffic light. H. S. Grotz and J. Battalio. 1,927,120; Sept. 19.
- Traffic marking device. G. L. Estes. 1,932,206; Oct. 24.
- Traffic-marking strips. E. S. Cornell, jr. 1,928,447; Sept. 26.
- Traffic regulating device. H. J. Gechter. 1,905,378; Apr. 25.
- Traffic regulator. E. C. Welsh. 1,900,532; Mar. 7.
- Traffic sign. K. C. Parkhurst. 1,901,333; Mar. 14.
- Traffic sign. H. J. Smith. 1,907,158; May 2.
- Traffic sign, Rubber. E. S. Bellows. 1,913,101; June 6.
- Traffic signal. D. H. Dyer and W. F. Rodenkirchen. 1,918,327; July 18.
- Traffic signal. W. Hulzinga. 1,921,359; Aug. 8.
- Traffic signal. J. L. Le Gorre. 1,911,576; May 30.
- Traffic signal. D. O. Miller. 1,900,723; Mar. 7.
- Traffic signal. J. Sheedy. 1,926,501; Sept. 12.
- Traffic signal. G. W. Withers. 1,931,174; Oct. 17.
- Traffic signal. R. H. Worrall. 1,940,831; Dec. 26.
- Traffic signal, Depressible. R. Tatlock. 1,903,739; Apr. 11.
- Traffic signal unit. C. H. Garrett. Des. 90,178; June 20.
- Traffic warning device. L. H. Coppel. 1,910,791; May 23.
- Trailer. E. J. Contois. 1,895,844; Jan. 31.
- Trailer. A. Feigelson. 1,909,396; May 16.
- Trailer. C. V. Hallenbeck. 1,938,142; Dec. 5.
- Trailer. S. F. Mott. 1,896,717; Feb. 7.
- Trailer. W. J. Parrish. Des. 90,816; Oct. 3.
- Trailer. E. H. Perkins and H. E. Mills. Des. 90,896; Oct. 17.
- Trailer. H. H. Robinson. Des. 90,169; June 20.
- Trailer attachment. G. W. Kuhlman. 1,908,987; May 16.
- Trailer, Boat. C. E. Seiter. 1,939,863; Dec. 19.
- Trailer body. N. A. Carter. 1,922,027; Aug. 15.
- Trailer brake. F. Erznoknik. 1,925,179; Sept. 5.
- Trailer brake. P. A. S. Iversen. 1,921,161; Aug. 8.
- Trailer brake, Automatic. B. R. Legg. 1,914,265; June 13.
- Trailer, Camping. R. F. Kuns. 1,895,933; Jan. 31.
- Trailer coupling, Automatic. J. Rockinger, jr. 1,939,463; Dec. 12.
- Trailer for tricycles and the like. J. T. Anderson. 1,931,685; Oct. 24.
- Trailer hitch. A. M. Gifford and R. Smith. 1,923,367; Aug. 22.
- Trailer hitch. S. M. Hepburn. 1,895,992; Jan. 31.
- Trailer hitch. A. F. Kuester. 1,926,238; Sept. 12.
- Trailer nose construction. H. H. Robinson. 1,941,323; Dec. 26.
- Trailer, Single axle tipping. K. Muchenberger-Wittlinger. 1,894,320; Jan. 17.
- Trailer tank, Vehicle. F. A. Jones. 1,900,114; Mar. 7.
- Trailer tracking device. A. J. Spohn. 1,938,120; Dec. 5.

- Trailers, Leg elevating means for. S. B. Winn. 1,915,142; June 20.
- Trailers to a tractor, Coupling. C. H. Land and W. H. Wilson. 1,895,762; Jan. 31.
- Train annunciating apparatus. C. G. Harwig. 1,911,502; May 30.
- Train board. S. Y. McGiffert and H. P. Adams. 1,929,250; Oct. 3.
- Train control apparatus. T. H. Thomas. 1,932,026; Oct. 24.
- Train control apparatus, Automatic. G. Bird. 1,939,840; Dec. 19.
- Train control, Automatic. W. Naken. 1,923,499; Aug. 22.
- Train control, Automatic. D. H. Schwyer. 1,899,642; Feb. 28.
- Train control, Automatic. D. H. Schwyer. 1,904,804; Apr. 18.
- Train control device. L. V. Lewis and E. S. Cook. 1,914,608; June 20.
- Train-control system. T. Bodde. 1,930,920; Oct. 17.
- Train control system. W. D. Hailes. 1,910,794; May 23.
- Train control system. W. D. Hailes. 1,914,330; June 13.
- Train control system. A. E. Hudd. 1,910,437; May 23.
- Train-control system. A. E. Hudd. 1,925,252; Sept. 5.
- Train control system. A. E. Hudd. 1,927,519; Sept. 19.
- Train control system. L. L. Jones. 1,929,979-80; Oct. 10.
- Train control system. R. C. Leake. 1,901,754; Mar. 14.
- Train control system. B. W. Meisel. 1,899,044; Feb. 28.
- Train control system. F. H. Nicholson. 1,909,709; May 16.
- Train control system. A. G. Shaver and F. M. Rosenzweig. 1,899,116; Feb. 28.
- Train control system. A. J. Sorensen. 1,922,113; Aug. 15.
- Train control system. H. P. Trombetta. 1,924,219; Aug. 29.
- Train control system. A. G. Williamson. 1,893,315-16; Jan. 3.
- Train control system. A. G. Williamson. 1,933,780; Nov. 7.
- Train control system, Automatic. C. S. Bushnell. 1,926,864; Sept. 12.
- Train control system, Continuous. W. D. Hailes. 1,914,329; June 13.
- Train-control system, Electric. T. Boveri and A. Couwenhoven. 1,929,089; Oct. 3.
- Train coupling, Automatic fluid pipe connector. A. S. Johnson. 1,892,953; Jan. 3.
- Train dispatching system for railroads. S. N. Wight and J. F. Merkel. 1,926,863; Sept. 12.
- Train line relief valve. G. E. Oakley and L. C. Hyatt. 1,934,205; Nov. 7.
- Train order delivery mechanism. A. B. Goddard. 1,909,266; May 16.
- Train order holding means. R. W. Stewart. 1,907,222; May 2.
- Train pipe connector, Automatic. J. Robinson. 1,910,448; May 23.
- Train pipe connector, Automatic. J. Robinson. 1,920,278; Aug. 1.
- Train pipe connector, Automatic. J. Robinson. 1,936,071; Nov. 21.
- Train pipe connector head, Automatic. J. Robinson. 1,920,277; Aug. 1.
- Train pipe connector. L. D. Woodruff. 1,934,961; Nov. 14.
- Train pipe coupling. A. K. Kusebauch. 1,918,273; July 18.
- Train pipe coupling. A. K. Kusebauch. 1,919,435; July 25.
- Train pipe coupling, Automatic. A. C. Harrell. 1,936,015; Nov. 21.
- Train pipe coupling, Automatic. D. H. Thompson. 1,931,776; Oct. 24.
- Train set, Collapsible electric. T. Ford. 1,914,116; June 13.
- Train signaling system, Electric. P. N. Bossart. 1,900,405; Mar. 7.
- Train signaling system, Electric. P. N. Bossart. 1,900,412; Mar. 7.
- Training apparatus. J. C. Karnes and G. J. Kessenich. 1,938,595; Dec. 12.
- Training apparatus for flying machine pilots. H. G. Traver. 1,910,655; May 23.
- Training in gunnery, Apparatus for conducting. J. C. Karnes. 1,939,706; Dec. 19.
- Transfer. W. S. Lawrence. 1,894,774; Jan. 17.
- Transfer. R. M. Miller, W. J. Schenler, and D. A. Stout. 1,922,447; Aug. 15.
- Transfer and making the same. W. S. Lawrence. 1,939,821; Dec. 19.
- Transfer and making the same. R. G. Tonge. 1,899,066; Feb. 28.
- Transfer and transfer composition. W. S. Lawrence. 1,899,420; Feb. 28.
- Transfer apparatus for glassware. T. Stenhouse. 1,895,824; Jan. 31.
- Transfer blanket for offset printing. G. S. Rowell. 1,897,148; Feb. 14.
- Transfer device. P. O. Unger. 1,894,137; Jan. 10.
- Transfer ejecting and dispensing device. B. F. Johnson. 1,931,609; Oct. 24.
- Transfer for metal-working machines, Rotatable. W. L. Clouse. 1,932,396; Oct. 31.
- Transfer holder. W. W. Harris. 1,939,977; Dec. 19.
- Transfer means for board machines. D. C. Jeffrey and H. J. Wolfe. 1,929,204; Oct. 3.
- Transfer mechanism. C. D. Lake. 1,902,035; Mar. 21.
- Transfer mechanism. S. W. Mathias. 1,904,493; Apr. 18.
- Transfer mechanism for belt conveyers. F. Griffith and E. R. Van Arsdale. 1,934,059; Nov. 7.
- Transfer mechanism for furnaces. H. J. Kuhlman. 1,936,239; Nov. 21.
- Transfer mechanism for glassware. A. W. Beeson. 1,932,683; Oct. 31.
- Transfer press. H. J. Taplin. 1,903,639; Apr. 11.
- Transfer scheme for synchronous motors or condensers. M. E. Reagan. 1,932,046; Oct. 24.
- Transfer track section. E. T. Bennington. 1,927,678; Sept. 19.
- Transfer valve, Hydraulically controlled. H. Holzwarth. 1,914,840; June 13.
- Transfers, Printing. C. A. Colombo. 1,900,635; Mar. 7.
- Transformable container. W. S. Marr. 1,899,241; Feb. 28.
- Transformer. L. L. Jones. 1,901,368; Mar. 14.
- Transformer. M. B. Mallett. 1,916,007; June 27.
- Transformer. Z. O. St. Pauley. 1,935,419; Nov. 14.
- Transformer. E. Steinert. 1,932,051; Oct. 24.
- Transformer. A. J. Williams. 1,916,352; July 4.
- Transformer and making same. W. F. Gakle. 1,933,140; Oct. 31.
- Transformer and vibrator, Combination. S. F. James. 1,940,496; Dec. 19.
- Transformer apparatus. W. Reiche. 1,939,319; Dec. 12.
- Transformer assembly for floor lamps and the like. L. C. Doane. 1,929,018; Oct. 3.
- Transformer, Booster. R. B. George. 1,909,053; May 16.
- Transformer casing. J. S. Lennox. 1,940,311; Dec. 19.
- Transformer choked coil amplifier circuit. W. F. Alder. 1,925,224; Sept. 5.
- Transformer construction. A. Helgason. 1,906,586; May 2.
- Transformer construction and producing the same. F. S. Smith. 1,912,389; June 6.
- Transformer, Core type. J. K. Hodnette. 1,934,501; Nov. 7.
- Transformer, Electric. W. C. Sealey. 1,913,130; June 6.
- Transformer, Electrical. B. J. Chrony. 1,899,670; Feb. 28.
- Transformer, Electrical. G. Leiva. 1,922,593; Aug. 15.
- Transformer fault, Detector. D. D. Coffin. 1,901,701; Mar. 14.
- Transformer for special purposes, Electrical. T. Pohl. 1,896,328; Feb. 7.
- Transformer hanger. K. S. Cosseboom. 1,896,740; Feb. 7.
- Transformer, High tension. K. Bahrmann. 1,898,931; Feb. 21.
- Transformer, High tension. F. J. Fischer and K. A. Sterzel. 1,898,944; Feb. 21.
- Transformer, High voltage. A. Meyerhans. 1,914,751; June 20.
- Transformer, Hydraulic. H. Ernst. 1,893,825; Jan. 10.
- Transformer, Impedance. C. W. Hansell. 1,926,807; Sept. 12.
- Transformer insulation. A. W. Thompson. 1,940,892; Dec. 26.
- Transformer, Nonoscillating. H. V. Putman. 1,899,720; Feb. 28.
- Transformer regulating system. P. Sporn. 1,892,752; Jan. 3.
- Transformer, Rotary welding. T. M. Hunter. 1,934,856; Nov. 14.
- Transformer structure, Variable. R. Scharli. 1,915,168; June 20.
- Transformer supporting means. L. J. Driggs. 1,920,849; Aug. 1.
- Transformer, Suspension potential. G. E. Jansson. 1,899,693; Feb. 28.
- Transformer system. T. M. Davis. 1,907,400; May 2.
- Transformer system. R. Schärli. 1,926,689; Sept. 12.
- Transformer, Tap changing. L. H. Hill. 1,934,228; Nov. 7.
- Transformer, Welding. F. J. Groven. 1,908,749; May 16.
- Transformers against lightning, Protection of distribution. J. K. Hodnette. 1,923,727; Aug. 22.
- Transformers, Network of midtapped. F. W. Gay. 1,900,496; Mar. 7.
- Translating and recording device. E. H. Clark. 1,913,831; June 13.
- Translating device. E. W. Gent. 1,895,757; Jan. 31.
- Translating device. E. W. Gent. 1,933,252; Oct. 31.
- Translating device. F. Rieber. 1,919,480; July 25.
- Translating device. E. C. Wente. 1,914,186; June 13.
- Translucent pyrotechnic device. J. C. Moore. 1,899,518; Feb. 28.
- Transmission. H. D. Allee. 1,899,928; Mar. 7.
- Transmission. S. G. Baits. 1,910,376; May 23.
- Transmission. C. R. Burroughs. 1,938,997; Dec. 12.
- Transmission. H. F. Bushong. 1,900,096; Mar. 7.
- Transmission. S. C. Carter. 1,905,145; Apr. 25.
- Transmission. H. D. Church. 1,916,855; July 4.
- Transmission. H. D. Church. 1,928,782; Oct. 3.
- Transmission. A. Y. Dodge. 1,935,589; Nov. 14.
- Transmission. C. Drexler. 1,931,755; Oct. 24.
- Transmission. F. S. Duesenberg. 1,931,756; Oct. 24.
- Transmission. T. L. Fawick. 1,912,936; June 6.

- Transmission. O. Janssen. 1,933,143; Oct. 31.
 Transmission. O. Janssen. 1,936,165; Nov. 21.
 Transmission. F. Johnson. 1,937,965; Dec. 5.
 Transmission. R. Lapsley. 1,931,260; Oct. 17.
 Transmission. D. L. Lotts. 1,895,888; Jan. 31.
 Transmission. F. C. Mock. 1,920,579; Aug. 1.
 Transmission. G. K. Parsons. 1,923,879; Aug. 22.
 Transmission. W. E. Robey, jr. 1,914,460; June 20.
 Transmission. H. Schneider. 1,901,265; Mar. 14.
 Transmission. P. L. Tenney. 1,916,501; July 4.
 Transmission. E. A. Ward. 1,917,477; July 11.
 Transmission. C. W. Weiss. 1,921,014; Aug. 8.
 Transmission. R. E. Wells. 1,938,201; Dec. 5.
 Transmission. H. T. Woolson. 1,918,166; July 11.
 Transmission and adjustable bearings therefor. Speed reduction. F. C. Williams. 1,901,619; Mar. 14.
 Transmission and control mechanism. F. A. Parsons. 1,908,534; May 9.
 Transmission and control mechanism. F. A. Parsons. 1,922,633; Aug. 15.
 Transmission and control mechanism for a milling machine. L. F. Nenninger. 1,938,779; Dec. 12.
 Transmission and shifting means therefor. R. B. Spikes. 1,936,996; Nov. 28.
 Transmission and synchronizing device. R. C. Griffith. 1,927,641; Sept. 19.
 Transmission at various frequencies. System for measuring. F. E. Fairchild. 1,914,414; June 20.
 Transmission, Automatic. V. Kinser. 1,902,245; Mar. 21.
 Transmission, Automatic. K. Weihmann. 1,937,002; Nov. 28.
 Transmission, Automatic progressive. G. Tiberio. 1,908,378; May 9.
 Transmission, Automobile. W. C. Starkey and C. H. Barton. 1,914,678; June 20.
 Transmission, Automotive. C. H. Barton. 1,930,072; Oct. 10.
 Transmission, Automotive. P. MacKenzie. 1,903,221; Mar. 28.
 Transmission between two shafts with regulable gear ratio. C. A. H. Mulder. 1,897,436; Feb. 14.
 Transmission case construction. H. T. Woolson. 1,918,167; July 11.
 Transmission, Constant mesh self-controlled. F. E. Wiger. 1,912,559; June 6.
 Transmission control. E. I. Green. 1,918,390; July 18.
 Transmission control. D. Mitchell. 1,903,875; Apr. 18.
 Transmission control device. Friction. F. A. Hayes. 1,937,697; Dec. 5.
 Transmission control in signaling systems. N. D. Newby and D. L. Moody. 1,927,133; Sept. 19.
 Transmission control in two-way signaling systems. A. C. Norwine. 1,926,880; Sept. 12.
 Transmission control mechanism. H. T. Thomas, V. E. Furgason, and A. B. Hays. 1,920,038; July 25.
 Transmission device. L. A. M. Corset. 1,939,766; Dec. 19.
 Transmission device. F. W. Murray. 1,926,956; Sept. 12.
 Transmission device, Hydromechanical. G. P. G. Ribis. 1,934,376; Nov. 7.
 Transmission, Flexible. P. C. Gordon. 1,902,800; Mar. 21.
 Transmission for electrically driven talking machines. W. de Wrangel and L. Saharoff. 1,926,971; Sept. 12.
 Transmission for outboard motors. J. P. Landrum. 1,903,350; Apr. 4.
 Transmission, Free wheeling. C. H. Fehlberg. 1,899,950; Mar. 7.
 Transmission, Free wheeling. J. F. Gaylord. 1,893,405; Jan. 3.
 Transmission gear. H. D. Lester. 1,922,965; Aug. 15.
 Transmission gear. V. Wassilief and A. De Witt. 1,919,870; July 25.
 Transmission gearing. E. R. Fish. 1,938,824; Dec. 12.
 Transmission gearing, Toothed. A. A. Quick. 1,896,099; Feb. 7.
 Transmission, Gearless. J. W. Shaw. 1,894,574; Jan. 17.
 Transmission, Hydraulic. R. R. Blecha. 1,907,278; May 2.
 Transmission, Hydraulic. W. Ferris. 1,896,052; Jan. 31.
 Transmission, Hydraulic. A. Lysholm. 1,934,936; Nov. 14.
 Transmission, Hydraulic. J. M. Thompson. 1,906,726; May 2.
 Transmission installation, High potential. A. O. Austin. 1,914,394; June 20.
 Transmission jack. R. Statz. 1,909,023; May 16.
 Transmission levels. System for adjustment of. L. G. Abraham. 1,935,759; Nov. 21.
 Transmission line. A. O. Austin. 1,901,860; Mar. 21.
 Transmission line. L. L. Lockrow. 1,910,471; May 23.
 Transmission line. F. D. Rhodes. 1,917,600; July 11.
 Transmission line device. C. F. Wagner and L. R. Goldaday. 1,901,572; Mar. 14.
 Transmission line device. N. A. Wahlberg. 1,893,188; Jan. 3.
 Transmission line insulator system. P. Sporn and E. L. Peterson. 1,937,296; Nov. 28.
 Transmission lock. E. F. Warren and H. Schwarze. 1,903,017; Mar. 28.
 Transmission measuring system. J. Herman. 1,908,351; May 9.
 Transmission measuring system, Multifrequency. A. L. Matte. 1,913,495; June 13.
 Transmission mechanism. R. N. Brown. 1,928,779; Oct. 3.
 Transmission mechanism. E. R. Burtnett. 1,901,283; Mar. 14.
 Transmission mechanism. E. R. Burtnett. 1,902,618; Mar. 21.
 Transmission mechanism. W. R. Griswold. 1,931,288; Oct. 17.
 Transmission mechanism. J. A. Heany. 1,922,804; Aug. 15.
 Transmission mechanism. B. Sassen. 1,938,785; Dec. 12.
 Transmission mechanism. M. Tibbetts. 1,931,241; Oct. 17.
 Transmission mechanism. J. G. Vincent. 1,901,713; Mar. 14.
 Transmission mechanism. J. P. Watson. 1,911,217; May 30.
 Transmission mechanism. J. B. Whitlow. 1,903,662; Apr. 11.
 Transmission mechanism, Automatic freewheeling. F. W. Cotterman. 1,917,501; July 11.
 Transmission mechanism, Free wheeling. K. E. Lyman. 1,899,514-15; Feb. 28.
 Transmission mechanism, Hydraulic. J. Bedford. 1,924,017; Aug. 22.
 Transmission mechanism, Hydraulic. G. E. Zahn. 1,904,811; Apr. 18.
 Transmission mechanism, Motor vehicle. J. M. Christman. 1,901,712; Mar. 14.
 Transmission mechanism, Variable speed and freewheeling. E. Gessner. 1,909,099; May 16.
 Transmission, Motor vehicle. L. L. Aydt. 1,906,896; May 2.
 Transmission network. C. B. Aiken and J. E. Corbin. 1,932,435; Oct. 31.
 Transmission network. J. G. Kreer, jr. 1,897,639; Feb. 14.
 Transmission of sound and images. F. M. Ryan. 1,919,804; July 25.
 Transmission, Rotary. R. C. Griswold and W. E. Goldsborough. 1,925,380; Sept. 5.
 Transmission, Semiautomatic free wheeling. T. F. Thompson. 1,896,472; Feb. 7.
 Transmission shaft for vehicles. M. A. West. 1,897,542; Feb. 14.
 Transmission shifting mechanism. A. W. Harris. 1,897,841; Feb. 14.
 Transmission, Short wave. L. E. Hunt. 1,939,053; Dec. 12.
 Transmission, Speed change. M. Pressler. 1,916,283; July 4.
 Transmission, Synchro-mesh. H. L. Keller. 1,913,162; June 6.
 Transmission, Synchronized. H. E. Blood, J. C. Buchanan, and R. L. Mapson. 1,927,483; Sept. 19.
 Transmission synchronizer mechanism. S. O. White. 1,935,234; Nov. 14.
 Transmission system. A. O. Austin. 1,914,396; June 20.
 Transmission system. E. Bruce. 1,905,792; Apr. 25.
 Transmission system. L. M. Clement. 1,937,108; Nov. 28.
 Transmission system. F. Conrad. 1,939,042; Dec. 12.
 Transmission system. O. T. Francis. 1,913,588; June 13.
 Transmission system. E. H. J. C. Gillett. 1,923,819; Aug. 22.
 Transmission system. R. A. Helsing. 1,936,162; Nov. 21.
 Transmission system. M. Osnos. 1,909,981; May 23.
 Transmission system, Composite. D. A. Quarles. 1,917,061; July 4.
 Transmission system, Continuous facsimile. A. McL. Nicolson. 1,925,814; Sept. 5.
 Transmission system for sound-carrying currents. D. B. Harris and O. W. Knauss. 1,908,896; May 16.
 Transmission system for sound carrying currents. D. B. Harris and O. W. Knauss. 1,919,719; July 25.
 Transmission system for ultra-short waves. R. H. Dardbord. 1,927,393; Sept. 19.
 Transmission system, Gyro compass. J. L. Chantemerle. 1,917,017; July 4.
 Transmission system, Side band reversal. J. H. Hammond, jr. 1,935,776; Nov. 21.
 Transmission system, Signal. N. C. Norman. 1,918,822; July 18.
 Transmission system, View. H. H. Bates. 1,940,838; Dec. 26.
 Transmission system, Wireless. J. H. Rubenstein. 1,906,769; May 2.
 Transmission systems, Treatment of echoes in. H. A. Affel. 1,921,063; Aug. 8.
 Transmission testing apparatus. L. E. Adler. 1,920,456; Aug. 1.
 Transmission tower arms. C. M. Goodrich. 1,895,712; Jan. 31.
 Transmission, Variable speed. H. B. Donley. 1,909,933; May 23.
 Transmitter. W. Buschbeck. 1,909,751; May 16.
 Transmitter. F. C. Lunnion. 1,938,631; Dec. 12.
 Transmitter. S. F. Lybarger. 1,928,669; Oct. 3.
 Transmitter arrangement. G. Von Arco. 1,893,605; Jan. 10.
 Transmitter control system. H. P. Miller, jr. 1,927,690; Sept. 19.
 Transmitter filling machine. A. F. Bennett. 1,910,980; May 23.

- Transmitter for automatic telegraph system. R. F. Dirkes and E. R. Wheeler. 1,912,183; May 30.
- Transmitter, High frequency. W. Langewiesche. 1,916,843; July 4.
- Transmitter, Hydraulic rotary power. W. W. Baker. 1,918,236; July 18.
- Transmitter protective system. S. R. Durand. 1,939,340; Dec. 12.
- Transmitter, Step-by-step. W. F. Cassidy, jr. 1,895,094; Jan. 24.
- Transmitter, Step-by-step. A. A. Clokey. 1,898,761; Feb. 21.
- Transmitter, Step-by-step. E. W. Sundberg. 1,895,110; Jan. 24.
- Transmitter-tube arrangement. W. Kummerer. 1,906,627; May 2.
- Transmitter tube for ultra-short waves. F. Schröter. 1,921,640; Aug. 8.
- Transmitters, Apparatus for controlling. G. T. Royden. 1,921,168; Aug. 8.
- Transmitting. W. Runge. 1,931,631; Oct. 24.
- Transmitting and recording apparatus and process. L. A. Ederer. 1,910,887; May 23.
- Transmitting device, Flexible power. C. A. Arens. 1,918,792; July 18.
- Transmitting system. J. P. Barton. 1,916,404; July 4.
- Transmitting system. J. B. Coleman. 1,920,296; Aug. 1.
- Transmitting system. C. W. Hough. 1,906,269; May 2.
- Transmitting system. D. G. Little. 1,939,070; Dec. 12.
- Transmitting system. J. A. Willoughby. 1,930,868; Oct. 17.
- Transom for passenger cars, Ventilating and reflecting. F. M. Whyte. 1,918,790; July 18.
- Transoms, Operating means for. H. T. Walton. 1,913,350; June 6.
- Transplanter. G. W. Schutmaat. 1,924,133; Aug. 29.
- Transplanter. G. W. Schutmaat. 1,928,362; Sept. 26.
- Transplanter. R. Stork. 1,895,214; Jan. 24.
- Transport. I. H. Judd. 1,925,664; Sept. 5.
- Transport. I. H. Judd and H. V. Collins. 1,925,665; Sept. 5.
- Transport device for tractors. W. L. Paul. 1,931,117; Oct. 17.
- Transport equipment for highway construction machines and the like. R. D. Baker. 1,940,659; Dec. 26.
- Transport for lawn mowers. K. F. Jacobsen. 1,939,853; Dec. 19.
- Transport for lawn mowers. J. B. Pol. 1,932,086; Oct. 24.
- Transportation container. G. W. Butts and A. C. Stewart. 1,926,432; Sept. 12.
- Transportation container. F. K. Fildes. 1,892,698; Jan. 3.
- Transportation container. F. K. Fildes. 1,926,439; Sept. 12.
- Transportation means. N. A. Ludington. 1,910,898; May 23.
- Transporting means for can washers. J. M. McClatchie. 1,939,401; Dec. 12.
- Transporting means for heavy machines. B. H. Flynn. 1,934,348; Nov. 7.
- Transposition bracket. C. H. Klein. 1,912,456; June 6.
- Trap: See—
- Air-lift trap.
 - Animal runway trap.
 - Animal trap.
 - Antisiphon trap.
 - Boiler return and vacuum trap.
 - Boiler return trap.
 - Box trap.
 - Bucket trap.
 - Burglar trap.
 - Catch basin trap.
 - Double jaw trap.
 - Drain trap.
 - Drainage trap.
 - Fish trap.
 - Grease trap.
 - Insect trap.
 - Minnow trap.
 - Mites and lice trap.
 - Mole trap.
 - Mouse and rat trap.
 - Rat trap.
 - Refrigerator trap.
 - Rock trap.
 - Sand and scale trap.
 - Sediment trap.
 - Sewer trap.
 - Steam trap.
 - Strainer trap.
 - Tabulator rebound trap.
 - Turtle trap.
 - Vermín trap.
- Trap. O. H. Hollowell. 1,895,714; Jan. 31.
- Trap. W. Molls. 1,911,919; May 30.
- Trap. W. L. Orr. 1,919,527; July 25.
- Trap. J. A. Reese. 1,924,379; Aug. 29.
- Trap. A. G. and H. A. Schwartz. 1,899,641; Feb. 28.
- Trap. E. P. Seghers. 1,897,151; Feb. 14.
- Trap. W. C. P. Zabel. 1,931,175; Oct. 17.
- Trap. E. T. Zook. 1,893,974; Jan. 10.
- Trap and pressure equalizing device, Combined. A. D. Rose. 1,910,060; May 23.
- Trap for automobile radiators, Overflow. D. Lumsden. 1,906,072; Apr. 25.
- Trap for catching animals alive. W. A. Gibbs. 1,917,111; July 4.
- Trap for internal combustion engines, Fire. M. Hedglon. 1,898,126; Feb. 21.
- Trap for oil delivery systems, Water. W. J. Peter. 1,909,071; May 16.
- Trap for pumping wells, Sand or sediment. F. E. Kapp. 1,933,595; Nov. 7.
- Trap front for hen laying sheets. E. T. Abendroth. 1,927,009; Sept. 19.
- Trap nest front. J. Imschweiler. 1,922,734; Aug. 15.
- Trap-shooting apparatus or layout. C. E. Band. 1,903,667; Apr. 11.
- Traps, Attachment for. A. M. Day. 1,940,296; Dec. 19.
- Trapper and retainer for bee swarms and separator for drones and queens. M. R. Vikla. 1,896,925; Feb. 7.
- Traps, Making minnow. M. E. McSwain. 1,937,289; Nov. 28.
- Trapeze and flying rings. F. E. Mayo. 1,895,721; Jan. 31.
- Trash removing mechanism for water screens. R. T. Steindorf. 1,912,020; May 30.
- Traveler. P. C. Wentworth. 1,937,676; Dec. 5.
- Traveler for kite strings. H. D. Aue. 1,904,938; Apr. 18.
- Travelers to rings, Device for applying. G. H. Gilligan. 1,931,690; Oct. 24.
- Traveling bag. E. Laufman. 1,934,360; Nov. 7.
- Traveling bag. S. Slomka. 1,906,645; May 2.
- Traveling bag. F. D. Stelljes. 1,929,524; Oct. 10.
- Traveling bag, Vehicular. J. B. Pinheiro. 1,895,677; Jan. 31.
- Traveling case. O. H. Plotkin. 1,908,178; May 9.
- Traveling tilting table. H. L. Schreck. 1,928,395; Sept. 26.
- Traveling water screen. C. J. Hobart. 1,925,251; Sept. 5.
- Traveling work table. H. A. Green. 1,928,934; Oct. 3.
- Traversing device for winding machines. F. E. Kelley. 1,926,049; Sept. 12.
- Traversing means for winding machines. J. O. McKean. 1,918,210; July 11.
- Tray. J. F. Halladay. 1,911,952; May 30.
- Tray and display rack, Combined coin. J. W. Critchfield. Des. 90,871; Oct. 17.
- Tray and extinguisher, Portable ash. G. L. Baldwin. 1,897,356; Feb. 14.
- Tray and game board, Combined serving. D. Bustanoby. Des. 89,120; Jan. 31.
- Tray and glass holder, Combination ash. A. W. Becker. Des. 90,229; July 4.
- Tray and making the same, Multicompartment. T. M. Hiester. 1,921,256; Aug. 8.
- Tray and pipe cleaner, Combined ash. E. R. Hopple. 1,932,625; Oct. 31.
- Tray and supports therefor, Ash. K. B. Johnson. 1,916,619; July 4.
- Tray and support therefor, Removable service. F. F. Ravlin. 1,896,971; Feb. 7.
- Tray, Ash. E. B. Arthur and F. G. Leslie. 1,920,136; July 25.
- Tray, Ash. F. R. Belt. 1,912,682; June 6.
- Tray, Ash. E. J. Bloom. Des. 91,129; Dec. 5.
- Tray, Ash. E. Bowerman. 1,917,491; July 11.
- Tray, Ash. W. Collier. 1,910,091; May 23.
- Tray, Ash. C. Dahl. Des. 91,013; Nov. 14.
- Tray, Ash. J. Dal Maso. Des. 90,574; Aug. 29.
- Tray, Ash. F. E. Greene. Des. 89,256; Feb. 14.
- Tray, Ash. D. A. Jacobs. Des. 90,531; Aug. 22.
- Tray, Ash. O. Landy. Des. 89,771; May 2.
- Tray, Ash. H. Merkel. Des. 91,248; Dec. 26.
- Tray, Ash. T. R. Moss. 1,923,638; Aug. 22.
- Tray, Ash. R. E. Snyder. Des. 90,053; May 30.
- Tray, Ash. J. Squires. 1,922,180; Aug. 15.
- Tray, Ash. F. Vogelsang. 1,933,196; Oct. 31.
- Tray assembly, Handy service. C. M. Wentworth. 1,893,755; Jan. 10.
- Tray, Baker's. W. O. Brown. 1,929,303; Oct. 3.
- Tray, Bed. J. H. Hayes. 1,894,991; Jan. 24.
- Tray, Bridge table suspension. F. E. Kern and E. C. Tilton. 1,911,959; May 30.
- Tray, Broiler. M. G. Klemme. Des. 89,827; May 9.
- Tray, Card, cigarette, and pencil holder, Combined ash. E. Verity. Des. 90,131; June 13.
- Tray, Card holding. G. H. Dawson. 1,914,685; June 20.
- Tray, Cigar or cigarette ash. W. L. Scott. 1,937,534; Dec. 5.
- Tray, Coin. E. J. Brandt. 1,932,687; Oct. 31.
- Tray conveyor systems, Method and apparatus for tilting. K. T. Potthoff. 1,900,948; Mar. 14.
- Tray, Developing and printing. L. A. Bonish. 1,937,422; Nov. 28.
- Tray, Display. A. N. Brooks. 1,937,868; Dec. 5.
- Tray, Drying. G. F. Hauf. 1,895,323; Jan. 24.
- Tray, Egg. A. W. De Vout and R. W. Regensburger. 1,901,705; Mar. 14.
- Tray, Egg. R. Guyer. 1,899,268; Feb. 28.
- Tray, Foldable. J. H. Cuff and J. A. McGreevy. 1,925,523; Sept. 5.
- Tray for bottles, Packing. R. D. White. 1,908,389; May 9.
- Trays for card tables, Ash. J. S. Goldman. 1,903,994; Apr. 18.
- Tray for ice cubes, Releasing. H. A. Hertner. 1,913,080; June 6.
- Tray for incubators, Egg. L. C. Sturgis. 1,893,153; Jan. 3.
- Tray for mechanical refrigerators, Glass defrosting. A. C. and H. H. Crimmel. 1,915,647; June 27.
- Tray for mechanical refrigerators, Glass defrosting. A. C. and H. H. Crimmel. 1,915,849; June 27.
- Tray for refrigerators, Freezing. G. C. Henne. 1,939,445; Dec. 12.
- Tray for refrigerators, Ice cube. E. Babcock. 1,933,614-5; Nov. 7.
- Tray for water screens. W. W. Sayers. 1,910,860; May 23.
- Tray, Freezing. H. C. Berkeley. 1,931,053; Oct. 17.
- Tray, Freezing. R. H. Chilton. 1,907,502-3; May 9.
- Tray, Ice. D. F. Newman. 1,896,849; Feb. 7.
- Tray, Ice. M. Culmore. 1,913,536; June 13.
- Tray, Ice. F. J. Leyner. 1,935,405; Nov. 14.

- Tray, Ice. G. L. Tinkham. 1,894,897; Jan. 17.
 Tray, Ice making. C. G. Wheeland. 1,909,030; May 16.
 Tray, Laundry. G. Rodota. 1,936,310; Nov. 21.
 Tray, Merchandise display. J. M. Kaufman. 1,932,217; Oct. 24.
 Tray, Mobile ash. E. H. Barbé. 1,905,123; Apr. 25.
 Tray on sliced bread, Mechanism to place. W. W. Hartman. 1,926,281; Sept. 12.
 Tray or article of analogous nature, Smoker's. H. Negbauer. Des. 89,532; Mar. 21.
 Tray or crate. C. H. Jarvis. 1,936,164; Nov. 21.
 Tray or similar article, Ash. E. Littlefield. Des. 91,173; Dec. 12.
 Tray or similar article. A. H. Massey. Des. 90,670; Sept. 12.
 Tray or similar article, Ash. H. Underberg. Des. 89,321; Feb. 21.
 Tray or similar article, Ash. P. E. Willman. Des. 89,812; May 2.
 Tray or similar article, Combined match and ash. F. S. Barbiers. Des. 89,563; Apr. 4.
 Tray or similar article, Match and ash. A. J. Denisoff. Des. 88,860; Jan. 3.
 Tray or similar article, Serving. C. P. Meler. Des. 90,991; Nov. 7.
 Tray or the like, Ash. I. Florman. Des. 89,633; Apr. 18.
 Tray or the like, Serving. S. J. Kaz. Des. 91,032; Nov. 14.
 Tray, Self-freeing ice. S. W. E. Andersson. 1,918,313; July 18.
 Tray, Service. W. L. McGinley. 1,934,271; Nov. 7.
 Tray, Serving. E. S. Graham. 1,921,463; Aug. 8.
 Tray, Serving. L. Guild. Des. 91,069; Nov. 21.
 Tray, Serving. F. S. Lack. 1,908,988; May 16.
 Tray, Serving. D. H. McCa. Pyle. Des. 91,229; Dec. 19.
 Tray, Serving. R. G. Ross. 1,923,508; Aug. 22.
 Tray, Serving and washing. J. P. Cavano and G. Vondickakis. 1,904,969; Apr. 18.
 Tray, Silver ware. A. Giaccaglia. Re89,177; Feb. 7.
 Tray, Stacking. M. W. Lane and C. W. Oakes. 1,915,369; June 27.
 Tray support, Adjustable. A. A. Anderson. Re18,998; Nov. 14.
 Tray, Transparent covered. T. M. Avery. 1,903,734; Apr. 11.
 Tread block. M. T. Lattia. 1,906,009; Apr. 25.
 Tread for shoe buttons, Resilient. G. Rigante. 1,939,920; Dec. 19.
 Tread for tractors, Auxiliary. D. Carpenter. 1,900,910; Mar. 14.
 Tread member. B. Bronson. 1,916,461; July 4.
 Tread member and making the same. G. F. Quinn. 1,935,519; Nov. 14.
 Tread member for tire chains. H. D. Weed. 1,917,744; July 11.
 Tread plate. B. C. McFadden. Des. 88,976; Jan. 10.
 Tread plate. O. C. Retz Woller. 1,915,695; June 27.
 Tread pressing means for tire retreading molds. H. J. Woock, C. J. Peterson, and J. S. Caulfield. 1,914,474; June 20.
 Tread, Stair. L. Galtieri. 1,919,629; July 25.
 Treads consisting of two different kinds of rubber compounds, Obtaining. C. L. Brickman. 1,913,330; June 6.
 Treadle. Compressible mat electric. R. D. Conklin. 1,915,292; June 27.
 Treadle, Electric. P. R. Forman. 1,906,562; May 2.
 Treadle mechanism. C. T. Jones. 1,911,693; May 30.
 Treating agent from sludge, Recovering. J. C. Morrell. 1,930,249; Oct. 10.
 Treating apparatus. K. F. Snow and M. E. First. 1,907,013; May 2.
 Treating articles of work, Apparatus for. H. Rosenberg. 1,918,136; July 11.
 Treating bath and treating textile fibers. I. Gubelmann, H. J. Welland, and C. O. Henke. 1,897,120; Feb. 14.
 Treating chamber. A. J. Boynton and S. P. Kinney. 1,906,735; May 2.
 Treating or washing machinery. E. R. Zademach. 1,896,149; Feb. 7.
 Treating partial oxidation products. J. H. James. 1,895,799; Jan. 31.
 Treating process. R. L. Sibley. 1,921,546; Aug. 8.
 Treatment apparatus. J. B. Knight and A. J. Rainey. 1,923,098; Aug. 22.
 Treatment or surgical table. C. F. Warner. 1,915,841; June 27.
 Tree and plant digging implement. A. N. Calkins. 1,909,752; May 16.
 Tree and wire protector. J. L. Smith. 1,896,921; Feb. 7.
 Tree, Apple. J. H. Dickey. Pl. Pt. 57; Mar. 21.
 Tree, Artificial. A. G. Howard. 1,933,495; Oct. 31.
 Tree moving apparatus. F. Buehler and J. G. Eagleson. 1,906,532; May 2.
 Tree or tree foot. H. Hallam. 1,915,574; June 27.
 Tree, Pecan. J. A. Simpson. Pl. Pt. 73; July 25.
 Tree-planer for cutting or working out resin-passages in trees. W. Bark. 1,901,946; Mar. 21.
 Tree sawing device. E. C. Rumohr. 1,903,479; Apr. 11.
 Tree support, Collapsible. M. Watowski. 1,906,293; May 2.
 Trees and shrubs, Facilitating the growth of. S. T. Colman. 1,931,602; Oct. 24.
 Trees and the product thereof, Treating. T. W. Case and F. L. Couch. 1,941,431; Dec. 26.
 Trees, Support, protection and training of fruit and other. M. Davey. 1,895,753; Jan. 31.
 Trellis, arbor, and the like. H. H. Phillips. 1,902,663; Mar. 21.
 Trench roller. L. E. Dauer and R. B. North. 1,906,547; May 2.
 Trenching machine. C. L. George. 1,911,615; May 30.
 Trestle. E. F. Green. 1,894,293; Jan. 17.
 Trestle, Adjustable. J. F. Kacena. 1,936,196; Nov. 21.
 Trestle bracket. J. P. O'Kane and T. E. Bancroft. 1,908,858; May 16.
 Trestle, Portable or adjustable. H. C. Wertz. 1,935,896; Nov. 21.
 Tri-alkali phosphate from ferrophosphorus, Producing. N. C. Lindberg. 1,936,307; Nov. 21.
 Triangles, Device for computing spherical. J. F. Burns. 1,895,606; Jan. 31.
 Triaryl stibine solution. L. Kaufmann. 1,917,207; July 4.
 Triazine derivatives and making them. W. Hentrich and M. Hardtmann. 1,911,689; May 30.
 Tribromoethylalcohol, Preparing. H. Meerwein. 1,901,316; Mar. 14.
 Tricalcium phosphate and aluminum phosphate composition salt filler. W. G. Warning and T. W. Schilb. Re18,907; Aug. 1.
 Tricalcium phosphate, Treating. H. E. White. 1,908,090-1; May 9.
 Trichlorethylene, Stabilized. A. L. Pitman. 1,910,962; May 23.
 Trichlorobenzene, Preparation of. E. C. Britton. 1,923,419; Aug. 22.
 Tricycle, Motor. E. P. du Pont. G. B. Weaver and L. F. Hosley. 1,933,102; Oct. 31.
 Trigger-actuating mechanism. W. L. Nahm and G. W. Brown. 1,934,732; Nov. 14.
 Trigger and safety device for firearms. R. v. Frommer. 1,911,859; May 30.
 Trigger mechanism. V. A. Browniñg. 1,898,000; Feb. 21.
 Trigger mechanism. M. A. Browning. 1,898,291; Feb. 21.
 Trigger mechanism. R. A. Lester. 1,900,608; Mar. 7.
 Trigger mechanism for double barrel guns, Single. E. E. and H. L. Miller. 1,898,255; Feb. 21.
 Trigger mechanism for firearms. G. B. Reid. 1,909,425; May 16.
 Trim for wall coverings. C. E. Loehr, O. MacNab, and W. R. Chamberlin. 1,910,554; May 23.
 Trim panel and making same. B. C. Place. 1,896,200; Feb. 7.
 Trim panels, Securing. B. C. Place. 1,904,076-7; Apr. 18.
 Trimmer. J. Schwartz. 1,913,858; June 13.
 Trimmer and the like, Hedge. E. K. Ortt. 1,937,586; Dec. 5.
 Trimmer, Grass. H. R. Palmer. 1,919,377; July 25.
 Trimmer, Grass and hedge. C. A. Brown. 1,931,569; Oct. 24.
 Trimmer, Hedge. W. R. Green. 1,914,419; June 20.
 Trimmer, Hedge. W. R. Green. 1,921,520; Aug. 8.
 Trimmer, Hedge. W. J. Healy. 1,930,934; Oct. 17.
 Trimmer, Hedge. C. Sohn. 1,904,390; Apr. 18.
 Trimmer, Lawn. J. M. Willis. 1,901,788; Mar. 14.
 Trimmer or clipper, Hedge. H. Koch. 1,919,516; July 25.
 Trimmer, Paper. H. E. Simonton. 1,940,976; Dec. 26.
 Trimming apparatus. T. W. Morris. 1,900,000; Mar. 7.
 Trimming attachment. V. Capolupo. 1,931,103; Oct. 17.
 Trimming, Embroidered textile fabric. E. G. Zullig. Des. 89,523-4; Mar. 21.
 Trimming implement. J. G. Rieff. 1,913,958; June 13.
 Trimming joint. C. G. Voigt. 1,922,994; Aug. 15.
 Trimming machine. G. Boulton. 1,933,583; Nov. 7.
 Trimming machine. S. J. Finn. 1,921,075; Aug. 8.
 Trimming machine. G. Goddu. 1,920,501; Aug. 1.
 Trimming machine. A. S. Johnson. 1,926,150; Sept. 12.
 Trimming machine. C. C. Webster and W. J. Lamb. 1,935,867; Nov. 21.
 Trimming machine. J. M. Whelton. 1,913,421; June 13.
 Trimmings obtained from the manufacture of basic magnesium carbonate heat insulating materials, Utilization of the. R. B. Crowell and S. R. Ebe. 1,927,602; Sept. 19.
 Trinitrotoluene. W. H. Rinkenbach. 1,936,607; Nov. 28.
 Tri-pack for use in color photography. T. T. Baker. 1,910,877; May 23.
 Triple lift jack. M. B. Lucker. 1,932,745; Oct. 31.
 Tripod. A. S. Howell. 1,896,086; Feb. 7.
 Tripod. G. A. Ley. 1,894,695; Jan. 17.
 Tripod brace. R. Matson. 1,907,210; May 2.
 Tripod for shades. N. F. Mathon. 1,906,326; May 2.
 Tripod head or the like. A. S. Howell. 1,919,554; July 25.
 Tripod head, Universal panoramic. O. U. Zerk. 1,894,456; Jan. 17.
 Tripod leg structure. K. W. Thalhammer. 1,915,628; June 27.
 Tripods of photographic cameras and the like, Operating means for the. A. S. Howell. 1,898,185; Feb. 21.
 Tri-sodium phosphate, Production of. N. C. Lindberg. 1,930,205; Oct. 10.
 Trolley and supporting rails therefor, Overhead. W. H. Stevens. 1,914,467; June 20.
 Trolley and the like for conducting electric current from cables to the motors of vehicles. R. W. Alexander. 1,925,741; Sept. 5.
 Trolley base. F. R. Dippman. 1,918,837; July 18.
 Trolley construction. A. R. Fribil. 1,906,097; Apr. 25.

- Trolley, Current collecting. H. L. Nancarrow and R. R. Blydenburgh, jr. 1,939,078; Dec. 12.
- Trolley for conveyor systems. J. B. Webb. 1,920,774; Aug. 1.
- Trolley guide. R. R. Holden. Re18,977; Oct. 24.
- Trolley harp. S. S. Matthes. 1,893,373; Jan. 3.
- Trolley head. G. A. Mead. 1,918,854; July 18.
- Trolley pole base construction. F. E. Wall. 1,939,530; Dec. 12.
- Trolley support. S. S. Matthes. 1,895,581; Jan. 31.
- Trolley tender. E. A. Larsson. 1,923,314; Aug. 22.
- Trolley wire hanger. C. A. Cawood. 1,932,725; Oct. 31.
- Trolling attachment for outboard motors. A. Richardson. 1,908,865; May 16.
- Trolling lure. J. U. Cordell. 1,924,350; Aug. 29.
- Trolling winch. D. M. Bardon, F. G. Greaves, and S. P. Watt. 1,924,391; Aug. 29.
- Trombone. F. W. Neptune. 1,905,045; Apr. 25.
- Trophy plaque. T. P. Eichelsdoerfer. Des. 90,363; July 25.
- Trouble light. H. S. Carlson. 1,933,965; Nov. 7.
- Trough, Feeding. L. A. Whitmer. 1,918,729; July 18.
- Trough for milk coolers. A. T. Light. 1,926,908; Sept. 12.
- Trough for poultry, Watering. A. Neilsen. 1,899,519; Feb. 28.
- Trough or the like, Book. H. E. De Vries. Des. 91,022; Nov. 14.
- Trough, Telescoping feed. G. H. Parker. 1,896,096; Feb. 7.
- Troughs, Apparatus for forming hog. H. H. Helmers. 1,927,567; Sept. 19.
- Troughs, Attachment for preventing buckling of coal conveyor. J. Valko. 1,903,205; Mar. 28.
- Troughs, Making sheet metal flume. A. C. Norton. 1,937,663; Dec. 5.
- Trouser construction for retaining shirt fronts. B. Stone. 1,939,835; Dec. 19.
- Trouser hanger. W. B. Claffin, jr. 1,899,942; Mar. 7.
- Trousers. L. F. Rosenbaum. 1,897,623; Feb. 14.
- Trousers. J. J. Warren. 1,929,296; Oct. 3.
- Trousers cuff. S. M. Bloch. 1,907,482; May 9.
- Trousers hanger. H. Sjöwall. 1,897,078; Feb. 14.
- Trousers protector. R. M. L. Giorda. 1,930,748; Oct. 17.
- Trousers protector. D. Porreca. 1,924,512; Aug. 29.
- Truck. F. H. Bender. 1,916,091; June 27.
- Truck. J. R. Blackhall. 1,895,368; Jan. 24.
- Truck. W. C. Hedgcock. 1,910,991-2; May 23.
- Truck. W. C. Hedgcock. 1,916,140-53; June 27.
- Truck. W. C. Hedgcock. 1,926,678; Sept. 12.
- Truck. W. C. Hedgcock, W. and R. F. Darby. 1,916,138-9; June 27.
- Truck. F. B. Howell. 1,902,504; Mar. 21.
- Truck. H. Somervell. 1,916,079-83; June 27.
- Truck, Aerial ladder. C. H. Fox. 1,908,969; May 16.
- Truck and ash hopper, Four-wheel trailer. H. Glaezner. 1,905,636; Apr. 25.
- Truck and journal-box, Railway car. O. J. Horger. 1,921,882; Aug. 8.
- Truck and trailer construction, Dump. A. H. Fager. 1,915,883; June 27.
- Truck and trailer coupling mechanism. R. A. Fontaine. 1,924,235; Aug. 29.
- Truck, Automatic conveyor. H. Minter. 1,932,225; Oct. 24.
- Truck, Automobile lift. R. J. Burrows. 1,936,708; Nov. 28.
- Truck, Automotive vehicle. T. C. Hollnagel. 1,915,609; June 27.
- Truck, Barrel. R. E. Risser. 1,907,005; May 2.
- Truck, Beam. J. G. Bentley. 1,930,076; Oct. 10.
- Truck body. W. H. Nicolay. 1,914,281; June 13.
- Truck body. M. Standish. 1,905,009; Apr. 25.
- Truck body. E. M. Swift and M. I. Holdeman. 1,908,457; May 9.
- Truck body. W. S. Tatum. 1,932,327; Oct. 24.
- Truck body. W. G. Wehr. 1,927,653; Sept. 19.
- Truck body. H. H. Wessling. 1,930,635; Oct. 17.
- Truck body construction. A. P. Ball. 1,893,532; Jan. 10.
- Truck body, Convertible. A. Kutscha. 1,928,859; Oct. 3.
- Truck body, Refrigerated. R. A. Rott. 1,907,217; May 2.
- Truck bolster. H. C. Dreibuss and G. S. Chiles. 1,902,806; Mar. 21.
- Truck bolster and side bearing structure with lateral motion means. P. R. Drenning. 1,921,913; Aug. 8.
- Truck bolster, Reinforced. H. C. Dreibuss and G. S. Chiles. 1,902,807; Mar. 21.
- Truck, Car. J. A. Shafer. 1,936,645; Nov. 28.
- Truck, Car. W. M. Sheehan and W. S. McGilvray. 1,902,974; Mar. 28.
- Truck, Car. J. J. Tatum. 1,941,159; Dec. 26.
- Truck, Carboy. M. Pine. 1,937,668; Dec. 5.
- Truck center bearing. Car. J. Allison. 1,912,563; June 6.
- Truck centering device, Railroad. J. G. Blunt. 1,920,348; Aug. 1.
- Truck, Church. A. H. Dolge. 1,919,103; July 18.
- Truck, Clamp. O. Norling. 1,895,640; Jan. 31.
- Truck, Combined road and rail. G. T. Ronk. 1,937,532; Dec. 5.
- Truck construction, Railway. E. G. Busse. 1,905,680; Apr. 25.
- Truck control, Delivery. J. H. Butler. 1,903,977; Apr. 18.
- Truck, Double-lift elevating. H. S. Germond and A. Williams. 1,908,139; May 9.
- Truck, Dumping. E. P. Bordeaux. 1,940,043; Dec. 19.
- Truck, Dustless street cleaning. L. Simon. 1,893,967; Jan. 10.
- Truck, Electric locomotive. E. Eugster. 1,935,550; Nov. 14.
- Truck, Elevating. D. E. Hennessy. 1,928,490; Sept. 26.
- Truck for aeroplanes, Tail-supporting. C. Cohen-Venezian. 1,902,834; Mar. 28.
- Truck for conveying brick-frames. G. Hartmann. 1,910,104; May 23.
- Truck for cylinders. I. F. Schreck. 1,913,295; June 6.
- Truck for disk harrows, Transport. H. B. McKahin. 1,901,183; Mar. 14.
- Truck for electric cars, Lateral motion. T. H. Symington. 1,929,717; Oct. 10.
- Truck for railway and like vehicles, Bogie. R. T. Glas-codine. 1,924,237; Aug. 29.
- Truck, Geared. C. I. Chambers. 1,933,160; Oct. 31.
- Truck, Hand. L. C. Conner. 1,921,661; Aug. 8.
- Truck, Hand. W. Lindsay. 1,927,710; Sept. 19.
- Truck, Hand. A. W. Parsons. 1,919,903; July 25.
- Truck, Hand. S. J. Pehrsson. 1,916,850; July 4.
- Truck, Hand. D. M. Watson and G. C. Munoz. 1,908,618; May 9.
- Truck, Hose reel and tank. F. G. Thwaites. 1,909,733; May 16.
- Truck, Industrial. E. J. Abbe. 1,903,431; Apr. 11.
- Truck, Industrial. A. H. Gfrörer. 1,896,543; Feb. 7.
- Truck, Industrial. G. B. Pitts. 1,930,486; Oct. 17.
- Truck, Industrial. E. H. Remde. Re18,737; Feb. 14.
- Truck, Industrial. E. H. Remde. 1,904,984; Apr. 18.
- Truck, Industrial. E. H. Remde. 1,910,364; May 23.
- Truck, Industrial. E. H. Remde. 1,918,289; July 18.
- Truck, Industrial. E. H. Remde. 1,919,170; July 18.
- Truck, Industrial. E. H. Remde. 1,929,447; Oct. 10.
- Truck, Kiln. H. M. Robertson. 1,908,186; May 9.
- Truck lift. C. E. Constable. 1,893,273; Jan. 3.
- Truck, Lift. J. O. Fernstrom. 1,897,637; Feb. 14.
- Truck, Lift. C. J. Nolan. 1,906,403; May 2.
- Truck, Lifting. W. Stuebing, jr. 1,931,449; Oct. 17.
- Truck, Liquefied gas distributor's servicing. P. S. Endacott. 1,897,161; Feb. 14.
- Truck, Liquefied gas distributor's servicing. P. S. Endacott. 1,897,164; Feb. 14.
- Truck, Loading and dumping. W. M. Gross. 1,905,855; Apr. 25.
- Truck loading device. J. M. Pierce. 1,926,308; Sept. 12.
- Truck maintainer. C. O. Johnson. 1,905,904; Apr. 25.
- Truck mechanism. T. W. Allsworth, H. Abbott, and L. Bruder. 1,931,746; Oct. 24.
- Truck, Motor. C. Schnell. 1,895,866; Jan. 31.
- Truck, Motor driven tank. H. W. Kizer. Des. 89,642; Apr. 18.
- Truck mounted elevator. W. W. Weber. 1,917,621; July 11.
- Truck, Power drive. C. L. and A. V. Yost. 1,926,928; Sept. 12.
- Truck, Railroad car. J. J. Tatum. 1,928,740; Oct. 3.
- Truck, Railway. D. S. Barrows. 1,936,343; Nov. 21.
- Truck, Railway. C. J. W. Clasen. 1,907,505; May 9.
- Truck, Railway. C. P. Noser. Re19,011; Nov. 28.
- Truck, Railway car. K. M. Hamilton. 1,907,962; May 9.
- Truck, Railway car. J. J. Tatum. 1,933,459; Oct. 31.
- Truck, Railway vehicle. L. E. Feightner. 1,898,997; Feb. 28.
- Truck, Refrigerating automobile. N. F. Wolf. 1,894,014; Jan. 10.
- Truck, Refuse. J. Goodman. 1,915,927; June 27.
- Truck, Refuse disposal. J. Bajl. 1,902,985; Mar. 28.
- Truck, Refuse disposal. A. F. Masury. 1,917,382; July 11.
- Truck, Sectionable. C. Cohen-Venezian. 1,928,369; Sept. 26.
- Truck, Self-loading. H. C. Lima. 1,910,026; May 23.
- Truck, Self loading and unloading. I. F. Schreck. 1,924,885; Aug. 29.
- Truck, Side dump. H. J. Miller. 1,897,067; Feb. 14.
- Truck side frame. H. C. Dreibuss and G. S. Chiles. 1,902,805; Mar. 21.
- Truck side frame. F. B. Ernst. 1,909,460; May 16.
- Truck side frame. T. H. Symington. 1,892,859; Jan. 3.
- Truck side frame. T. H. Symington. 1,893,475-6; Jan. 3.
- Truck side frame, Car. G. T. Johnson and M. R. Hansen. 1,916,053; June 27.
- Truck, Six-wheeled motorized. J. A. McGrew. 1,893,032; Jan. 3.
- Truck spring. P. R. Drenning. 1,931,183; Oct. 17.
- Truck, Spring damping. E. W. Webb. 1,894,386; Jan. 17.
- Truck, Spring damping car. E. W. Webb. 1,894,385; Jan. 17.
- Truck springs, Railway car. T. H. Symington. 1,905,252; Apr. 25.
- Truck structure. E. G. Hallouist. 1,935,359; Nov. 14.
- Truck structure, Railway. E. G. Busse. 1,923,620; Oct. 10.
- Truck structure, Railway motor. W. H. Meyer. 1,920,997; Aug. 8.
- Truck suspension, Passenger. P. R. Drenning. 1,930,743; Oct. 17.
- Truck tank. A. Davis, jr. 1,935,044; Nov. 14.
- Truck, Three-way dump. E. Wirz. 1,933,689; Nov. 7.
- Truck, Tractor. J. D. Rauch. 1,906,415; May 2.
- Truck, Transport. W. P. Kellett. 1,937,062; Nov. 28.
- Truck, Web roll. J. G. Bentley and R. A. Gibbs, jr. 1,930,078; Oct. 10.
- Truck wheel. L. D. Kay. 1,928,897; Oct. 3.

- Truck with lateral motion means, Inboard. P. R. Drenning. 1,907,384; May 2.
- Trucks, Dump body for. T. S. Thompson. 1,909,238; May 16.
- Trucks, Side frame for. F. B. Ernst. 1,909,459; May 16.
- Truing a grinding wheel, Method of and apparatus for. S. W. Bath. 1,919,288; July 25.
- Truing apparatus. H. D. Munday. 1,918,483; July 18.
- Truing device. H. W. Holmes. 1,940,214; Dec. 19.
- Truing means for formed gear grinding wheels. E. W. Miller. 1,900,943; Mar. 14.
- Trunk. L. A. Neis. 1,912,787; June 6.
- Trunk. G. H. Wheary. 1,922,065; Aug. 15.
- Trunk and accessory drawer, Combined automobile. J. M. Crum. 1,927,922; Sept. 26.
- Trunk and luggage carrier for automobiles, Combined. J. W. Malmquist. 1,893,751; Jan. 10.
- Trunk and luggage, Combination. E. A. Arndt. Re19,035; Dec. 26.
- Trunk, Automobile. J. W. Malmquist. 1,893,750; Jan. 10.
- Trunk, Automobile. A. Ricci. 1,895,864; Jan. 31.
- Trunk, Automobile. F. A. Struck and A. Reinhardt. 1,913,862; June 13.
- Trunk, Automobile. K. W. Wildman. 1,941,375; Dec. 26.
- Trunk, Automobile extensible. R. E. Stevenson. 1,921,304; Aug. 8.
- Trunk, Clothes. J. Frankl. 1,894,485; Jan. 17.
- Trunk, Extensible automobile. R. M. Shelton. 1,893,753; Jan. 10.
- Trunk for automobiles, Refrigerating. U. Gelinas. 1,924,494; Aug. 29.
- Trunk, Gun. J. E. Rogers. 1,932,638; Oct. 31.
- Trunk rack. W. W. Wilson. 1,897,094; Feb. 14.
- Trunk supporting attachment. N. Frescott, sr. 1,898,436; Feb. 21.
- Trunk type hinge. H. Devlin. 1,930,308; Oct. 10.
- Trunnion for electric connections. O. C. White. 1,925,579; Sept. 5.
- Trunnions for locomotive valve motions. J. C. Sharp. 1,905,309; Apr. 25.
- Truss. F. S. Burton. 1,918,590; July 18.
- Truss. W. H. Wilson. 1,919,405; July 25.
- Truss. W. F. Zabriskie. 1,935,758; Nov. 21.
- Truss and forming the same, Aeronautical. C. Hathorn. 1,908,757; May 16.
- Truss, Hernia. C. A. Warburton. 1,899,373; Feb. 28.
- Truss pad. G. W. Lowe. 1,907,300; May 2.
- Truss pad. I. M. Pease. 1,892,805; Jan. 3.
- Truss pad. W. B. Seeley. 1,915,623; June 27.
- Truss pad construction. I. M. Pease. 1,892,804; Jan. 3.
- Truss structure. G. L. Kelly. 1,926,202; Sept. 12.
- Truss structure, Sheet metal. E. J. W. Ragsdale. 1,939,598; Dec. 12.
- Truss weld system. J. Kjekstad. 1,933,860; Nov. 7.
- Trussed structure and method and shapes therefor. C. W. Lauffe. 1,927,442; Sept. 19.
- Tub, Butter. C. M. MacChesney. 1,899,342; Feb. 28.
- Tub cover. J. J. Brell. 1,910,821; May 23.
- Tub, Garden. W. K. Peck and W. R. Brown. 1,932,748; Oct. 31.
- Tub, Laundry. C. F. Stoddard. 1,931,632; Oct. 24.
- Tub or similar receptacle. H. Berard. Des. 90,695; Sept. 19.
- Tub rim, Laundry. R. S. Grogan. Des. 90,578; Aug. 29.
- Tub support. W. P. Johnson. 1,918,604; July 18.
- Tub, Washing machine. A. W. Altorfer. Des. 91,005; Nov. 14.
- Tube. See—
- Amplifying tube.
- Audion tube.
- Brake cable tube.
- Brake operating tube.
- Catheter and drainage tube.
- Cathode energizing, discharge tube.
- Collapsible tube.
- Condenser tube.
- Cop tube.
- Discharge tube.
- Draft tube.
- Electric arc discharge tube.
- Electric discharge tube.
- Electric glow discharge tube.
- Electrical tube.
- Electron discharge tube.
- Electron tube.
- Electronic tube.
- Equalized amplifying tube.
- Flexible metallic tube.
- Flexible tube.
- Four-electrode tube.
- Gas filled tube.
- Gaseous discharge tube.
- Glow discharge tube.
- Glow tube.
- Hot cathode electron discharge tube.
- H. W. Bundy. 1,930,191; Oct. 10.
- R. E. T. Haff. 1,937,516; Dec. 5.
- B. L. Quarnstrom. 1,909,501; May 16.
- H. E. Walthor. 1,937,537; Dec. 5.
- H. H. Wright. 1,937,538; Dec. 5.
- Irradiation tube.
- Leakproof collapsible tube.
- Light sensitive tube.
- Luminous tube.
- Microray tube.
- Multiple-unit tube.
- Oil-immersed tube.
- Oscillator tube.
- Paint tube.
- Paste tube.
- Photo-electric tube.
- Photo-tube.
- Pneumatic inner tube.
- Pneumatic tube.
- Polariscope tube.
- Power tube.
- Pyrometer tube.
- Quadrangular tube.
- Radio tube.
- Rectifying tube.
- Screen grid vacuum tube.
- Self closing paste tube.
- Self-sealing collapsible tube.
- Self-sealing tube.
- Still tube.
- Thermionic tube.
- Thermionic vacuum tube.
- Vacuum tube.
- White light tube.
- X-ray tube.
- Tube advancing and mounting mechanism. W. Prussing. 1,910,713; May 23.
- Tube and cap assembly and effecting the same, Collapsible. A. W. Paull and J. A. McGinnis. 1,935,100; Nov. 14.
- Tube and cap retainer therefor, Collapsible. J. O. King. 1,929,498; Oct. 10.
- Tube and coupling. B. L. Quarnstrom. 1,896,371; Feb. 7.
- Tube and heater element therefor, Thermionic. S. Ruben. 1,908,792; May 16.
- Tube and making, Copper and copper alloy. F. W. and L. H. French, and H. B. Rath. 1,916,474; July 4.
- Tube and making same, Celluloid covered metallic. H. C. Lagerblade. 1,921,929; Aug. 8.
- Tube and making the same, Undulated. M. Ulrich. 1,913,417; June 13.
- Tube and manufacturing same, Luminescent. F. W. Zons. 1,912,680; June 6.
- Tube and method and apparatus for producing same, Rolled. T. B. Morehouse. 1,926,628; Sept. 12.
- Tube and mounting therefor, Space discharge. A. Hund. 1,922,047; Aug. 15.
- Tube and producing the same, Photo-electric. T. W. Case. 1,935,939; Nov. 21.
- Tube, Apparatus for making. B. L. Quarnstrom. 1,896,416; Feb. 7.
- Tube apparatus, Glow. C. J. Kayko. 1,921,620; Aug. 8.
- Tube apparatus, Pneumatic dispatch. J. T. Needham. 1,900,946; Mar. 14.
- Tube bender. J. H. Abramson and E. C. Swanson. 1,935,604; Nov. 21.
- Tube bending device. C. A. Maxwell, W. C. Abell, and L. E. Sawyer. 1,911,028; May 23.
- Tube building method and apparatus. H. D. Stevens. 1,941,114; Dec. 26.
- Tube cap. C. M. Jones. 1,913,807; June 13.
- Tube cap, Collapsible. V. E. and L. J. Gasser. 1,902,698; Mar. 21.
- Tube cap, Collapsible. T. Williams. 1,922,999; Aug. 15.
- Tube cap, Paste. A. J. Strehs. 1,934,016; Nov. 7.
- Tube cap, Self-sealing paste. C. Kunkel. 1,925,926; Sept. 5.
- Tube cleaner. W. Ernst. 1,926,231; Sept. 12.
- Tube cleaner. J. J. Hoppes. 1,898,727; Feb. 21.
- Tube cleaner. R. W. Randall and J. C. Koch. 1,929,650; Oct. 10.
- Tube cleaner. R. W. Randall and J. C. Koch. 1,935,992; Nov. 21.
- Tube cleaner. J. P. Rodgers. 1,900,130; Mar. 7.
- Tube cleaner. J. H. Young. 1,921,019; Aug. 8.
- Tube cleaner. J. H. Young. 1,932,999; Oct. 31.
- Tube closing device. B. De Jesús-Angel. 1,893,401; Jan. 3.
- Tube closure, Collapsible. M. B. Robinson. 1,901,823; Mar. 14.
- Tube closure, Collapsible. W. A. Roselle. 1,929,794; Oct. 10.
- Tube compressing device, Flexible. D. E. Austin. 1,894,936; Jan. 24.
- Tube connector construction. F. M. Pottenger, jr. 1,937,841; Dec. 5.
- Tube connecting device. F. E. Key. 1,914,512; June 20.
- Tube connection device, Luminous. W. O. Prouty. 1,909,632; May 16.
- Tube connections, Forming. R. R. McKnight and A. Weber. 1,897,320; Feb. 14.
- Tube construction, Power operated vacuum. W. L. Krahle. 1,909,769; May 16.
- Tube coupling. A. L. Parker. 1,893,441-2; Jan. 3.
- Tube cream dispenser. P. A. Newcomer and R. D. Van Hove. 1,930,821; Oct. 17.
- Tube cutting machine. W. Fairchild. 1,934,660; Nov. 7.
- Tube-cutting machine, Automatic. G. V. Plante. 1,925,498; Sept. 5.
- Tube dispenser. G. M. Lee. 1,912,944; June 6.
- Tube dispensing means, Collapsible. C. Bolz. 1,894,152; Jan. 10.
- Tube display character, Combination metal and electro-luminescent. H. J. Cudney. 1,928,619; Oct. 3.
- Tube drawing apparatus. H. Heetkamp. 1,936,790; Nov. 28.
- Tube drawing machine. J. V. Giesler. 1,925,035; Aug. 29.
- Tube, electrode, etc., Gas. G. S. James. 1,901,600; Mar. 14.
- Tube end cleaner. F. F. Fisher. 1,924,682; Aug. 29.
- Tube ends, Apparatus for forming fibrous bell-mouth. H. Parker. 1,929,535; Oct. 10.
- Tube ends, Mechanism for squeezing. H. Parker. 1,899,291; Feb. 28.
- Tube expander. C. A. Maxwell. 1,906,478; May 2.
- Tube expanding mill. R. C. Stiefel. 1,906,286; May 2.
- Tube finishing and advancing machine, Automatic. W. Prussing. 1,910,712; May 23.
- Tube flanging device. J. E. Hummell. 1,935,714; Nov. 21.
- Tube flaring apparatus. D. A. Benbow and G. Kunz. 1,914,235; June 13.
- Tube flaring machine. J. W. Gordon and R. A. Dunnam. 1,911,186; May 30.
- Tube for boiler economizers, heat exchangers, and the like. R. S. Brown. 1,922,351; Aug. 15.
- Tube for heat exchange devices. A. B. Modine. 1,893,521; Jan. 10.
- Tube for pastes and creams, Dispensing. G. L. Horner and H. L. Finch. 1,927,122; Sept. 19.
- Tube for pneumatic systems, Clear vision. W. L. Underwood and C. F. Stone. 1,898,860; Feb. 21.

- Tube for pneumatic tires. R. S. Chitester. 1,925,031; Aug. 29.
- Tube for the emission of rays, Electric discharge. J. H. de Boer. 1,935,699; Nov. 21.
- Tube for vehicle tires, Inner. A. O. Herron. 1,908,244; May 9.
- Tube forming machine. E. Conti. 1,925,791; Sept. 5.
- Tube forming machine. E. Conti. 1,938,095-6; Dec. 5.
- Tube forming machine. A. C. Huston, I. P. Simonsen, G. C. Gilliland, F. L. Huffman, F. G. Higgins, and E. F. Schroeder. 1,913,447; June 13.
- Tube frame. J. A. Grundy and W. McK. Payne. 1,901,444; Mar. 14.
- Tube frame. J. A. Jeffs. 1,911,365; May 30.
- Tube, frame, and skeletonized metal member of high strength weight, and forming same, Built up metal. R. H. Robinson. 1,930,285; Oct. 10.
- Tube furnace, Revolving. H. Schultze. 1,904,548; Apr. 18.
- Tube handling apparatus. H. J. Burnish. 1,926,261; Sept. 12.
- Tube holder. G. Kershaw. 1,916,862; July 4.
- Tube illumination, Indirect luminous. R. M. Allison. 1,939,288; Dec. 12.
- Tube, Luminous. L. L. Beck. 1,918,012; July 11.
- Tube machine, Collapsible. R. S. Westgate. 1,934,287; Nov. 7.
- Tube manufacture. C. A. Frahm and E. W. Riemen-schneider. 1,899,143; Feb. 28.
- Tube manufacture. C. W. Littler. 1,919,637; July 25.
- Tube manufacture, Apparatus for. C. W. Littler. 1,903,296; Apr. 4.
- Tube mill. W. R. Webster. 1,930,702; Oct. 17.
- Tube mill. S. M. Weckstein. 1,906,679; May 2.
- Tube or the like, Stomach. J. R. Twiss. 1,899,781; Feb. 28.
- Tube paste dispenser. G. U. Carter. 1,916,944; July 4.
- Tube press. G. G. Collins. 1,935,872; Nov. 21.
- Tube protector. P. Kilimnik. 1,902,082; Mar. 21.
- Tube puller. D. Manucci, P. Malatesta, and W. C. Sawtelle. 1,897,561; Feb. 14.
- Tube-reducing mill. R. C. Stiefel. 1,930,698; Oct. 17.
- Tube rolling apparatus. R. K. Hopkins. 1,922,622; Aug. 15.
- Tube seat. C. A. Hulsart. 1,908,020; May 9.
- Tube seat protector. L. Wenzer. 1,912,609; June 6.
- Tube severing mechanism. J. Balton. 1,911,297; May 30.
- Tube sheet for thermic siphon boilers, Flexible. H. V. Stevens. 1,915,455; June 27.
- Tube, Spreading a slotted. G. Spatta. 1,925,850; Sept. 5.
- Tube structure, Collapsible. H. B. Finley. 1,917,833; July 11.
- Tube structure, Draft. H. B. Taylor. 1,897,501; Feb. 14.
- Tube support. H. J. Kerr. 1,896,176; Feb. 7.
- Tube support. H. J. Kerr and C. U. Savoye. 1,894,692; Jan. 17.
- Tube terminal, Pneumatic. C. S. Jennings. 1,921,391; Aug. 8.
- Tube-testing system. J. H. Miller. 1,940,222; Dec. 19.
- Tube to a metallic dispensing terminal, Connecting a collapsible cellophane. G. W. Bungay. 1,921,021; Aug. 8.
- Tube transmitting apparatus, Neutralized. H. Rochow. 1,910,814; May 23.
- Tube-voltmeter. J. D. Booth. 1,907,487; May 9.
- Tube with gas connection, Vaporizing. S. Rasmussen. 1,893,598; Jan. 10.
- Tube with glow discharge, Rectifying. G. Szigeti. 1,929,526; Oct. 10.
- Tube with optical slits, Discharge. C. O. Browne. 1,917,495; July 11.
- Tubes, Accessory for collapsible. F. Wolf. 1,912,929; June 6.
- Tubes and the like, Packing collapsible. F. B. Cooney. 1,922,233; Aug. 15.
- Tubes, Apparatus for drawing metal. J. Kemp. 1,931,352; Oct. 17.
- Tubes, Apparatus for expanding metal. A. Steinecke. 1,939,526; Dec. 12.
- Tubes, Apparatus for extracting. D. F. Mitchell. 1,902,571; Mar. 21.
- Tubes, Apparatus for rolling seamless. J. Severin. 1,897,770; Feb. 14.
- Tubes, Apparatus for testing discharge. G. van Beuse-kom. 1,897,450; Feb. 14.
- Tubes, Apparatus for welding. F. W. Weir. 1,900,376; Mar. 7.
- Tubes, Cleaning boiler and condenser. G. B. Vroom. 1,920,283; Aug. 1.
- Tubes, Device for expelling cream-like substances from collapsible. E. B. Jacobson and N. A. Foot. 1,913,759; June 13.
- Tubes for conducting liquids. F. G. Hehr. 1,917,941; July 11.
- Tubes from fibrous pulps, Manufacture of. A. Magnani. 1,898,881; Feb. 21.
- Tubes from paper, cardboard and the like materials, Manu-facture of. G. C. and J. S. Paton. 1,920,881; Aug. 1.
- Tubes, Machine for feeding and shaping metallic. C. W. Vogt. 1,918,356; July 18.
- Tubes, Machine for manufacturing stiff spiral. W. T. Scarritt. 1,918,137; July 11.
- Tubes, Making. L. T. Frederick. 1,921,516; Aug. 8.
- Tubes, Making cop. G. A. Anderson. 1,934,652; Nov. 7.
- Tubes, Making gill ring. F. E. Key. 1,916,574; July 4.
- Tubes, Making inner. J. C. Carlin. 1,905,365; Apr. 25.
- Tubes, Making multibore. R. E. Barclay. 1,904,348; Apr. 18.
- Tubes, Making photo-electric. W. Kluge. 1,938,431; Dec. 5.
- Tubes, Making thin walled. J. V. Geisler. 1,905,584; Apr. 25.
- Tubes, Manufacture of. C. W. Littler. 1,913,206; June 6.
- Tubes, Manufacture of metal. A. E. Maskrey. 1,938,633; Dec. 12.
- Tubes, Manufacturing flare end. A. T. Kvarastrom. 1,898,374; Feb. 21.
- Tubes, Method and apparatus for drawing. J. V. Giesler. 1,917,703; July 11.
- Tubes, Method and apparatus for manufacturing. L. Becker. 1,910,377; May 23.
- Tubes, Method and apparatus for testing internal diameter of. H. W. Fletcher. 1,919,546; July 25.
- Tubes, Method of and apparatus for making glass. A. Kadow. 1,894,100; Jan. 10.
- Tubes, Method of and apparatus for making seamless. H. C. Inslee. 1,926,237; Sept. 12.
- Tubes, Method of and device for operating luminous. Z. Bay. 1,936,005; Nov. 21.
- Tubes, Method of and machine for making. C. H. Thor-darson. 1,932,942; Oct. 31.
- Tubes of celluloid and the like, Forming. S. A. Neidich. 1,902,573; Mar. 21.
- Tubes of celluloid and the like, Manufacture of tapered. S. A. Neidich. 1,904,290; Apr. 18.
- Tubes of electrified Neon gas, Producing white luminous. R. De Lamprecht. 1,931,529; Oct. 24.
- Tubes of water tube boilers, Apparatus for cleaning the. P. G. Handoll. 1,926,200; Sept. 12.
- Tubes or like tubular structures, Manufacturing bifur-cated water screen. R. W. Whittle. 1,935,071; Nov. 14.
- Tubes or the like, Mechanism for measuring and count-ing. H. Parker. 1,909,888; May 16.
- Tubes, Process and machine for threading the necks of. E. H. Barker. 1,934,292; Nov. 7.
- Tubes, Sinking. S. E. Diescher. 1,934,844; Nov. 14.
- Tubes, Slotting. G. Spatta. 1,895,589; Jan. 31.
- Tubes, Splicing inner. N. E. Gardiner and G. B. Nichols. 1,911,682; May 30.
- Tubes, System for determining the gain of vacuum. H. Nyquist. 1,915,441; June 27.
- Tubes with internally thickened ends, Rolling. L. Klein. 1,898,779; Feb. 21.
- Tubes, Working metal. J. Squires. 1,908,074; May 9.
- Tubing. H. W. Bundy. 1,925,231; Sept. 5.
- Tubing. B. L. Quarstrom. 1,895,133; Jan. 24.
- Tubing. B. L. Quarstrom. 1,933,279; Oct. 31.
- Tubing. F. G. Slagel. 1,926,460; Sept. 12.
- Tubing, Apparatus for and method of making finned. H. W. Bundy. 1,896,350; Feb. 7.
- Tubing, Apparatus for cutting glass. E. Ashford. 1,900,971; Mar. 14.
- Tubing, Apparatus for lap welding. J. Gibson. 1,922,800; Aug. 15.
- Tubing, Apparatus for making finned. R. C. Jones and R. Colston. 1,921,975; Aug. 8.
- Tubing, Apparatus for making glass. H. K. Richardson. 1,933,341; Oct. 31.
- Tubing, Apparatus for manufacturing. J. W. Moon. 1,918,772; July 18.
- Tubing bends, Making angular. F. M. Kepler. 1,913,490; June 13.
- Tubing catcher. N. K. Smith. 1,900,371; Mar. 7.
- Tubing catcher. N. K. Smith and R. K. Hertel. 1,921,547; Aug. 8.
- Tubing, Cold treating metal. J. P. Fisher. 1,930,745; Oct. 17.
- Tubing cutter. L. Day and W. van Ee. 1,902,355; Mar. 21.
- Tubing cutter. E. J. von Henke. 1,930,295; Oct. 10.
- Tubing, Device for cutting off. B. J. O'Connor and J. J. Hannon. 1,894,784; Jan. 17.
- Tubing, Fin. R. C. Jones and R. Colston. 1,921,927; Aug. 8.
- Tubing, Flexible. J. G. Clark and C. A. Masterman. 1,928,992; Oct. 3.
- Tubing, Flexible. L. Rado. 1,937,069; Nov. 28.
- Tubing, Flexible metal. C. S. Hungerford. 1,913,390; June 13.
- Tubing for and method of making bends. J. H. Taylor. 1,931,307; Oct. 17.
- Tubing from cellulose, Manufacturing. O. Schnecko and W. Schwalbe. 1,898,400; Feb. 21.
- Tubing hanger. J. H. Howard. 1,902,075; Mar. 21.
- Tubing hanger and blow-off preventer, Combination. R. A. Mueller. 1,909,304; May 16.
- Tubing hanger and casing seal. J. H. Howard. 1,931,024; Oct. 17.
- Tubing hanger for oil wells. C. C. Brown. 1,938,062; Dec. 5.
- Tubing head. J. G. Bouslog. 1,922,024; Aug. 15.
- Tubing head. G. A. Humason and W. A. Raymond. 1,900,714; Mar. 7.
- Tubing head, Retractable. J. H. Howard, E. A. Johnson, and J. H. McEvoy, Jr. 1,896,236; Feb. 7.
- Tubing in wells, Process and apparatus for inserting. H. C. Otis. 1,894,912; Jan. 17.
- Tubing lift and tubing head, Combination hydraulic. D. R. Knowlton and W. J. Crites. 1,913,489; June 13.
- Tubing machine. H. Gora. 1,933,212; Oct. 31.

- Tubing machine. V. Royle. 1,925,545; Sept. 5.
 Tubing, Making corrugated wall. C. T. Paugh. 1,909,005; May 16.
 Tubing, Making finned. R. C. Jones and R. Colston. 1,921,928; Aug. 8.
 Tubing, Manufacturing celluloid. C. J. Carroll. 1,930,995; Oct. 17.
 Tubing, Manufacture of rubber. P. A. Raiche. 1,940,145; Dec. 19.
 Tubing of vitreous material, Fabricating. F. Hotchner. 1,923,148; Aug. 22.
 Tubing or pipe. C. G. Naylor. 1,906,011; Apr. 25.
 Tubing, Plastic. J. S. Taylor. 1,915,075; June 20.
 Tubing, Production of scale-free welded. J. L. Anderson. 1,893,926; Jan. 10.
 Tubing protector and guide. V. L. Johnson. 1,907,825; May 9.
 Tubing screwing device. C. C. Brown. 1,908,818; May 16.
 Tubing separator. J. H. Howard. 1,940,682; Dec. 26.
 Tubing to fittings, Joining pressure carrying. M. P. Youker. 1,915,008; June 20.
 Tubing, Vacuum and pressure. J. A. Kennedy. 1,931,868; Oct. 24.
 Tubular articles, Apparatus for making seamless. W. H. Engelbertz. 1,932,266; Oct. 24.
 Tubular articles, Making. H. W. Kranz and H. L. Mueller. 1,931,161-2; Oct. 17.
 Tubular casing. G. C. Burd. 1,896,285; Feb. 7.
 Tubular materials, Making. R. G. Brown. 1,924,734; Aug. 29.
 Tubular objects, Making decorated. E. G. Desnoyers and H. B. Nims. 1,934,047; Nov. 7.
 Tubular objects, Method and apparatus for forming. J. L. Adams, jr. 1,940,479; Dec. 19.
 Tubular rib fabric. N. Levin. 1,936,024; Nov. 21.
 Tubular structure and making same. T. E. Murray. 1,933,749; Nov. 7.
 Tubular structure and manufacture thereof. H. O. Morgan. 1,926,552; Sept. 12.
 Tubercle waxes and making them. C. L. Lautenschläger. 1,940,174; Dec. 19.
 Tuft cutting mechanism. H. L. Shuttleworth. 1,909,132; May 16.
 Tufting machine. J. E. Exter. 1,937,947; Dec. 5.
 Tufting machine. J. B. Farrell. 1,924,715; Aug. 29.
 Tufting machine. J. M. Gladish. 1,909,531; May 16.
 Tufting machine. F. M. Murphey. 1,913,560; June 13.
 Tufting machine. L. A. Smith. 1,917,334; July 11.
 Tufting machine attachment. L. A. Smith. 1,903,946; Apr. 18.
 Tufting machine looper and cutter. J. M. Gladish. 1,909,530; May 16.
 Tufting machine, Motor operated. L. P. Smith. 1,917,162; July 4.
 Tufting machine with combined needle guide and gripper. J. M. Gladish. 1,911,445; May 30.
 Tufting mechanism. C. Kadlec. 1,902,704; Mar. 21.
 Tufting mechanism. C. Kadlec. 1,941,213; Dec. 26.
 Tufting mechanism. H. J. Schomer. 1,893,660; Jan. 10.
 Tumbler. F. S. Barbiers. Des. 89,845; May 9.
 Tumbler. F. S. Barbiers. Des. 90,060; June 6.
 Tumbler. C. M. Evans. Des. 90,701; Sept. 19.
 Tumbler. J. N. McNash. Des. 90,120-1; June 13.
 Tumbler construction. O. Butzbach. 1,913,151; June 6.
 Tumbler for combination locks. W. F. Doenges. 1,925,980; Sept. 5.
 Tumbler for combination locks. W. F. Doenges. 1,928,853; Oct. 3.
 Tumbler for crawling traction mechanism. J. J. Divney and B. Jacoby. 1,922,357; Aug. 15.
 Tumbler or article of similar nature, Glass. L. Messerknecht. Des. 89,909; May 16.
 Tumbler or similar article. E. M. Bottome. Des. 91,166; Dec. 12.
 Tumbler or similar article. I. M. Clarke. Des. 90,869; Oct. 17.
 Tumbler or similar article. R. C. Diebenkorn. Des. 89,614; Apr. 18.
 Tumbler or similar article. C. B. Ilgenfritz. Des. 89,562; Mar. 28.
 Tumbler or similar article. T. J. Piazzoli. Des. 90,082; June 6.
 Tumbler or similar article. T. J. Piazzoli. Des. 91,083; Nov. 21.
 Tumbler switch. A. H. Nero. 1,919,119; July 18.
 Tumbling mill. E. W. Benson. 1,929,546; Oct. 10.
 Tumbling pickler. J. L. Gerber. 1,908,597; May 9.
 Tungsten alloys, Making. H. Petersson. 1,896,643; Feb. 7.
 Tungsten arc lamp. E. Aoyagi, K. Abe, and S. Yamazaki. 1,913,785; June 13.
 Tungsten carbide alloy, Tough. W. F. Stoodly. 1,924,384; Aug. 29.
 Tungsten carbide and making it, Azotized. R. R. Walter. Re18,824; May 9.
 Tungsten carbide, Device for manufacturing. G. W. Woods. 1,932,499; Oct. 31.
 Tungsten filament and making it, Nonsag helical. J. A. M. Van Liemp and W. Geiss. 1,904,105; Apr. 18.
 Tungsten, Purifying. C. F. W. Bates. 1,896,606; Feb. 7.
 Tuning. F. Ulrich. 1,926,127; Sept. 12.
 Tuning apparatus. C. Miller. 1,914,446; June 20.
 Tuning, Automatic. C. W. Hansell. 1,907,965; May 9.
 Tuning device. M. R. Del Sonno. 1,912,263; May 30.
 Tuning device for wireless receivers. C. E. G. Bailey. 1,912,616; June 6.
 Tuning device, Selective. C. W. Hough. 1,924,533; Aug. 29.
 Tuning device, Short wave. A. J. Hurt. 1,936,671; Nov. 28.
 Tuning element. T. J. Scofield. 1,897,337; Feb. 14.
 Tuning fork generator. A. L. Matte. 1,904,494; Apr. 18.
 Tuning fork generator. A. L. Matte. 1,909,414; May 16.
 Tuning fork temperature compensation and frequency adjustment. W. D. Buckingham. 1,912,343; May 30.
 Tuning mechanism. H. L. Brump. 1,912,757; June 6.
 Tuning-tongues, Method and a machine for grinding of. A. Dix. 1,927,154; Sept. 19.
 Tunnel construction and the like, Method and apparatus for. G. H. Dunlap. 1,896,439; Feb. 7.
 Tunnel construction apparatus. F. L. Copeland and R. Rasmussen. 1,927,256; Sept. 19.
 Tunnel drier. T. W. Garve. 1,897,387; Feb. 14.
 Tunnel or enameling pottery kiln. W. J. Millar. 1,934,870; Nov. 14.
 Tunnel structure and erecting same. J. C. Meem. 1,910,997; May 23.
 Tunneling equipment. D. Lacaprara and K. E. Ketchum. 1,903,866; Apr. 18.
 Tunnels, Constructing. J. C. Meem. 1,918,855; July 18.
 Tunnels, Constructing subway. R. Ono. 1,899,474; Feb. 28.
 Tunnels, Method of and apparatus for forming. A. W. Warner and R. F. Ballard. 1,917,170; July 4.
 Turbimometer. W. D. Staley. 1,922,830; Aug. 15.
 Turbine. C. R. Waller. 1,929,157; Oct. 3.
 Turbine, Air. L. O. Nelson. 1,935,097; Nov. 14.
 Turbine and operating the same, Elastic fluid. O. D. H. Bentley. 1,896,808; Feb. 7.
 Turbine blades, Manufacturing. O. A. Wiberg and J. Nordin. 1,910,943; May 23.
 Turbine, Combustion. H. Holzwarth. 1,931,545; Oct. 24.
 Turbine construction. C. Schmittthener. 1,939,229; Dec. 12.
 Turbine control system. J. J. Ring. 1,901,776; Mar. 14.
 Turbine control system, Hydraulic. A. Pfau. 1,901,771; Mar. 14.
 Turbine. Cross compound. J. H. Doran. 1,915,983; June 27.
 Turbine, Elastic fluid. O. D. H. Bentley. 1,921,903; Aug. 8.
 Turbine, Elastic fluid. O. D. H. Bentley. 1,922,074; Aug. 15.
 Turbine, Elastic fluid. R. J. Caughey. 1,899,556; Feb. 28.
 Turbine, Elastic fluid. R. J. Caughey. 1,931,104; Oct. 17.
 Turbine, Elastic fluid. H. L. Guy. 1,922,017; Aug. 8.
 Turbine, Elastic fluid. E. V. Pollard and A. D. Somes. 1,894,117; Jan. 10.
 Turbine, Elastic fluid. R. G. Standerwick. 1,904,557; Apr. 18.
 Turbine, Elastic fluid. R. G. Standerwick. 1,905,760; Apr. 25.
 Turbine, Elastic fluid. D. F. Warner. 1,941,372; Dec. 26.
 Turbine engine. G. Stauber. 1,924,421; Aug. 29.
 Turbine engine, Internal combustion. A. R. Russell. 1,934,237; Nov. 7.
 Turbine, Explosion. H. Holzwarth. 1,900,815; Mar. 7.
 Turbine, Explosion. H. Holzwarth. 1,903,292; Apr. 4.
 Turbine, Explosion gas. W. G. Noack. 1,933,385; Oct. 31.
 Turbine, Gas. F. M. Brooke. 1,938,688; Dec. 12.
 Turbine, High-temperature. A. Lysholm. 1,925,148; Sept. 5.
 Turbine, Hydraulic. G. A. Biggs. 1,897,834; Feb. 14.
 Turbine, Hydraulic. G. A. Biggs. 1,931,158; Oct. 17.
 Turbine, Hydraulic. D. J. McCormack. 1,937,772; Dec. 5.
 Turbine, Hydraulic. C. R. Martin. 1,934,636; Nov. 7.
 Turbine, Hydraulic. H. S. Messing. 1,917,538; July 11.
 Turbine, Hydraulic. L. F. Moody. 1,929,098-100; Oct. 3.
 Turbine, Hydraulic. A. Pfau. 1,896,644; Feb. 7.
 Turbine, Hydraulic. H. E. Symser. 1,898,023; Feb. 21.
 Turbine, Hydraulic impulse. A. Pfau. 1,914,926; June 20.
 Turbine installation, Geared. E. H. B. Anderson. 1,938,365; Dec. 5.
 Turbine, Multistage. O. D. H. Bentley. 1,896,809; Feb. 7.
 Turbine, Multiple stage steam. W. A. Jones. 1,935,451; Nov. 14.
 Turbine of the combined radio axial flow type, Elastic fluid. A. Lysholm. 1,892,899; Jan. 3.
 Turbine plant, Elastic fluid. A. Lysholm. 1,925,147; Sept. 5.
 Turbine plant, Explosion. H. Holzwarth. 1,929,428; Oct. 10.
 Turbine plant for ships, Explosion. H. Holzwarth. 1,899,963; Mar. 7.
 Turbine power plant, Explosion. H. H. Holzwarth. 1,929,427; Oct. 10.
 Turbine pump. G. E. Bigelow. 1,894,393; Jan. 17.
 Turbine, Radial flow. A. Lysholm. 1,910,845; May 23.
 Turbine, Reversible pump. L. F. Moody. 1,919,376; July 25.
 Turbine, Steam. A. Meyer. 1,895,003; Jan. 24.
 Turbine with radial admission. O. Möller. 1,914,752; June 20.
 Turbines, Feeding of vapor. E. W. Bräuer. 1,911,300; May 30.

- Turbines, Manufacture of Francis runners for hydraulic. G. A. Jessop and D. C. De Vine. 1,917,037; July 4.
- Turbines, Operating compound gas and steam. H. Holzwarth. 1,929,428; Oct. 10.
- Turbines, Process and apparatus for charging explosion. F. Hofmann. 1,913,593; June 13.
- Turbines, Tightening device for radial flow steam. A. Lysholm. 1,897,989; Feb. 14.
- Turbines with solid fuel, Apparatus for operating explosion. H. Holzwarth. 1,897,478; Feb. 14.
- Turbo-alternator. M. Cornu. 1,913,264; June 6.
- Turbo blower aggregate for internal combustion engines. A. Buchi. 1,906,132; Apr. 25.
- Turbo compressor. R. Birman. 1,926,225; Sept. 12.
- Turf and making the same, Artificial. F. Fenton. 1,939,846; Dec. 19.
- Turf edger. J. F. Biringer. 1,916,749; July 4.
- Turf restorator. F. Grossi. 1,916,508; July 4.
- Turfing device, Semiautomatic. E. J. Gearhart. 1,912,977; June 6.
- Turfing means. W. D. Van Dyke. 1,937,257; Nov. 28.
- Turnbuckle, Adjustable. J. F. G. Chobert. 1,903,695; Apr. 11.
- Turning and boring machine. C. Landers. 1,899,700; Feb. 28.
- Turning machine. H. Bozarth. 1,923,611; Aug. 22.
- Turning machine. G. F. Yager. 1,933,201; Oct. 31.
- Turning signal. L. L. Furan. 1,896,578; Feb. 7.
- Turnplate for cane sugar mills. H. J. B. Scharnberg. 1,933,766; Nov. 7.
- Turnstile. F. L. Chapman. 1,920,958; Aug. 8.
- Turnstile. F. P. Frankford. 1,933,725; Nov. 7.
- Turnstile. E. J. Kennedy and J. F. Perey. 1,936,941; Nov. 28.
- Turntable for phonographs. R. F. Mallina. 1,904,490; Apr. 18.
- Turn-up-table. K. Spitz. 1,917,336; July 11.
- Turpentine cup. L. J. Lerio, jr. 1,911,696; May 30.
- Turpentine, Refining sulphate wood. W. F. Gillespie and D. M. Wadsworth. 1,938,693; Dec. 12.
- Turret casting machine. A. W. Morris and S. P. Wetherill, jr. 1,913,945; June 13.
- Turret or window construction. S. E. Cibulas. 1,905,802; Apr. 25.
- Turret rotatably mounted on board ship. A. Steinle. 1,897,282; Feb. 14.
- Turtle trap. R. G. Smith. 1,927,599; Sept. 19.
- Tuyère. W. J. Hughes. 1,930,897; Oct. 17.
- Tuyère block. J. W. Armour. 1,896,569; Feb. 7.
- Tuyère block. H. E. Preston. 1,930,908; Oct. 17.
- Tuyère block. A. Wathey. 1,911,862; May 30.
- Tweezer. S. Segal. Des. 89,315; Feb. 21.
- Twin sole-laying press. O. Michalk. 1,939,510; Dec. 12.
- Twine, Device to control wrapping. W. J. Hogrefe and J. E. Stiles. 1,922,292; Aug. 15.
- Twine impregnating device. I. A. Severson. 1,893,107; Jan. 3.
- Twister or strander. W. E. Sommerville. 1,900,310; Mar. 7.
- Twisting and reeling mechanism for wire rope making machines. W. E. Sommerville. 1,900,309; Mar. 7.
- Twisting and winding machine. H. Hofmann and M. E. Korff. 1,892,782-3; Jan. 3.
- Twisting device. G. H. Gilligan. 1,923,667; Aug. 22.
- Twisting guide. J. F. Madden. 1,935,476; Nov. 14.
- Twisting machine. M. H. Damerell. 1,909,097; May 16.
- Twisting machine, Double sided. W. Lenk. 1,926,448; Sept. 12.
- Twisting machine especially for wire rope making. A. Kraft. 1,907,551; May 9.
- Twisting process. H. Wegmann. 1,911,864; May 30.
- Twisting tool. A. G. Marsh. 1,921,198; Aug. 8.
- 2-amino-10-anthrones and preparing the same. I. Gubelmann, H. J. Welland, and O. Stallmann. 1,916,216; July 4.
- 2-carboxy-5-amino diphenyl. W. S. Jones and W. Braker. 1,922,205; Aug. 15.
- 2-carboxy-5-nitro diphenyl. W. S. Jones and W. Braker. 1,922,206; Aug. 15.
- 2-cyano-5-nitro diphenyl. W. S. Jones and W. Braker. 1,922,207; Aug. 15.
- Two-cycle engine. E. C. Newcomb. 1,898,460; Feb. 21.
- Two-cycle engine. F. G. Shoemaker. 1,924,697; Aug. 29.
- Two-cycle engine. S. B. Smith. 1,925,285; Sept. 5.
- 2,5-diaminohydroquinoneethers, Monoacylated. W. Neelmeier. 1,901,322; Mar. 14.
- 2,4-di-(nitrophenyl)-6-halogen-1,3,5-triazines and making the same. W. Hentrich and J. Hilger. 1,904,229; Apr. 18.
- 2-hydroxymethylbenzimidazolonic acid. K. Streitwolf, A. Fehrlé, and H. Oesterlin. 1,912,318; May 30.
- 2-methyl-benzanthrone, Manufacture of. A. J. Wuertz. 1,934,221; Nov. 7.
- 2-naphthalenemonosulphonic acid. C. L. Masters. 1,922,813; Aug. 15.
- 2-oxymethyl carboxylic-benzimidazole-arsonic acids and preparing them. K. Streitwolf, A. Fehrlé, and W. Herrmann. 1,919,579; July 25.
- 270° clamp. J. S. Lapp. 1,901,349; Mar. 14.
- 2,7-dihydroxynaphthalene-3,6-dicarboxylic acid. H. Mor-schel and W. Luce. 1,896,457; Feb. 7.
- 2, 6-diamino-anthraquinone sulphides and preparing the same. W. L. Rintelman. 1,894,790; Jan. 17.
- Two-speed mechanism. C. M. Werk. 1,898,700; Feb. 21.
- Two stroke cycle engine, Air-cooled. J. Szydlowski. 1,914,793; June 20.
- 2,3-butylene-glycol from carbohydrates, Preparation of. A. J. Kluyver and M. A. Scheffer. 1,899,156; Feb. 28.
- Tying machine. H. C. Meyer. 1,909,300; May 16.
- Tympano. L. B. Greenleaf. 1,916,123; June 27.
- Type bar machine. H. J. Megley. 1,903,829; Apr. 18.
- Type-bar rest for typewriters. J. F. Koca. 1,929,981; Oct. 10.
- Type bed bearer. C. B. Johnson. 1,917,719; July 11.
- Type binding means. L. A. Costigan. 1,932,336; Oct. 24.
- Type, Braille. O. G. Campbell. 1,931,840; Oct. 24.
- Type casting machines, Feeding device for. J. L. Ewing and R. R. Tobias. 1,903,904; Apr. 18.
- Type casting machines, Quick drop attachment for. T. W. Robison. 1,893,247; Jan. 3.
- Type cleaning instrument. B. E. Gerlach (né Parker) and H. Gerlach. 1,902,024; Mar. 21.
- Type-composing, Process and apparatus for photographic. E. Uher, jr. 1,901,013; Mar. 14.
- Type faces, stereotype, etc., Casting. P. E. White. 1,896,690; Feb. 7.
- Type holder and locking means. G. Baker. 1,908,301; May 9.
- Type lines, System of justifying. R. G. A. Phillips. 1,895,520; Jan. 31.
- Type or similar article. E. I. Payne. Des. 89,263; Feb. 14.
- Typesetting mechanism for typewriters. J. F. Koca. 1,897,983; Feb. 14.
- Type slug trimming device. C. W. Curle. 1,910,524; May 23.
- Typewriter. J. H. Barr. 1,920,777; Aug. 1.
- Typewriter. W. F. Helmond. Des. 90,658; Sept. 12.
- Typewriter. A. Pateman. 1,904,518; Apr. 18.
- Typewriter. E. Pope. 1,914,524; June 20.
- Typewriter. P. W. Shields. 1,938,114; Dec. 5.
- Typewriter. C. D. Youngberg. 1,929,963; Oct. 10.
- Typewriter accumulator. L. C. Reynolds. 1,930,252; Oct. 10.
- Typewriter and like machine. P. Dreyer. 1,900,982; Mar. 14.
- Typewriter attachment. F. M. Sperling. 1,919,399; July 25.
- Typewriter attachment. J. Verbecky. 1,910,140; May 23.
- Typewriter cabinet. B. J. Dowd. 1,894,483; Jan. 17.
- Typewriter, Calculating. C. Schlins. 1,936,034; Nov. 21.
- Typewriter, Carriage shift. F. Kappler. 1,898,777; Feb. 21.
- Typewriter carrier, Disappearing. B. E. Richardson. 1,933,933; Nov. 7.
- Typewriter, Electrically operated. A. Linhares. 1,906,167; Apr. 25.
- Typewriter, Noiseless. C. A. Joerissen. 1,918,106; July 11.
- Typewriter operation. H. O. Rugh. 1,937,983; Dec. 5.
- Typewriter, Power driven. H. Benzing. 1,900,690; Mar. 7.
- Typewriter support. E. E. Ash. 1,929,048; Oct. 3.
- Typewriter system, Multiple. J. H. Powers. 1,924,655; Aug. 29.
- Typewriter, Typewheel. A. A. Unger. 1,931,593; Oct. 24.
- Typewriters, Automatic ribbon reversing mechanism for. M. Grandjean. 1,928,561; Sept. 26.
- Typewriters, Device for locking the platen of. H. Kraus. 1,931,199; Oct. 17.
- Typewriters, Line selector for. F. Beck. 1,939,197; Dec. 12.
- Typewriters, Power drive for. G. Tanschek. 1,927,761; Sept. 12.
- Typewriters, Repeat mechanism for. O. A. Hokanson. 1,929,975; Oct. 10.
- Typewriters, Reproducing pneumatic operator for. S. A. Swanson. 1,904,633; Apr. 18.
- Typewriting and calculating machine. J. Bricken. 1,899,936; Mar. 7.
- Typewriting and calculating machine. G. Mez. 1,913,892; June 13.
- Typewriting and computing machine, Combined. E. E. Fowler. 1,894,350; Jan. 17.
- Typewriting and computing machine, Combined. H. L. Pitman. 1,927,951; Sept. 26.
- Typewriting and computing machine, Combined. H. L. Pitman. 1,939,316; Dec. 12.
- Typewriting and computing machine, Combined. E. von Reppert. 1,928,656; Oct. 3.
- Typewriting and computing machine, Combined. H. Resch. 1,905,305; Apr. 25.
- Typewriting and computing machine, Combined. L. Starck. 1,932,646; Oct. 31.
- Typewriting and multiple copying process. H. Jackson. 1,923,625; Aug. 22.
- Typewriting, bookkeeping, and card-perforating machine, Combined. A. G. F. Kurowski. 1,909,770; May 16.
- Typewriting, computing, and check-protecting machine, Combined. H. H. Steele. 1,925,344; Sept. 5.
- Typewriting machine. E. E. Barney. 1,900,088; Mar. 7.
- Typewriting machine. E. E. Barney. 1,923,771; Aug. 22.
- Typewriting machine. C. W. Crumrine. 1,935,436; Nov. 14.
- Typewriting machine. C. W. Crumrine. 1,936,466; Nov. 21.
- Typewriting machine. W. A. Dobson. 1,897,243; Feb. 14.
- Typewriting machine. W. A. Dobson. 1,903,505; Apr. 11.

- Typewriting machine. W. A. Dobson. 1,908,327; May 9.
 Typewriting machine. W. A. Dobson. 1,917,021; July 4.
 Typewriting machine. W. A. Dobson. 1,931,064; Oct. 17.
 Typewriting machine. F. Eibert. 1,940,644; Dec. 19.
 Typewriting machine. W. Ettmüller. 1,931,067; Oct. 17.
 Typewriting machine. C. Gabrielson. 1,924,119; Aug. 29.
 Typewriting machine. C. Gabrielson. 1,933,550; Nov. 7.
 Typewriting machine. G. G. Goings. 1,900,102; Mar. 7.
 Typewriting machine. G. G. Goings. 1,908,140; May 9.
 Typewriting machine. G. G. Goings. 1,910,329; May 23.
 Typewriting machine. G. G. Goings. 1,913,753; June 13.
 Typewriting machine. G. G. Goings. 1,928,374; Sept. 26.
 Typewriting machine. G. G. Goings. 1,932,620; Oct. 31.
 Typewriting machine. G. G. Goings. 1,937,692-3; Dec. 5.
 Typewriting machine. F. P. Gorin. 1,901,157; Mar. 14.
 Typewriting machine. F. A. Hart. 1,912,449; June 6.
 Typewriting machine. F. A. Hart. 1,929,064; Oct. 3.
 Typewriting machine. F. A. Hart. 1,931,382-3; Oct. 17.
 Typewriting machine. H. J. Hart. 1,897,699; Feb. 14.
 Typewriting machine. W. F. Helmond. 1,899,034; Feb. 28.
 Typewriting machine. W. F. Helmond. 1,901,162; Mar. 14.
 Typewriting machine. W. F. Helmond. 1,906,751; May 2.
 Typewriting machine. W. F. Helmond. 1,909,764; May 16.
 Typewriting machine. W. F. Helmond. 1,916,371; July 4.
 Typewriting machine. W. F. Helmond. 1,918,598; July 18.
 Typewriting machine. W. F. Helmond. 1,927,169; Sept. 19.
 Typewriting machine. J. J. Kittel. 1,917,800; July 11.
 Typewriting machine. J. J. Kittel. 1,917,954-5; July 11.
 Typewriting machine. A. G. F. Kurowski. 1,899,968; Mar. 7.
 Typewriting machine. A. G. F. Kurowski. 1,909,060; May 16.
 Typewriting machine. A. G. F. Kurowski. 1,917,943; July 11.
 Typewriting machine. L. E. Lentz. 1,901,398; Mar. 14.
 Typewriting machine. L. E. Lentz. 1,913,125; June 6.
 Typewriting machine. W. O. Michelsen. 1,893,097; Jan. 3.
 Typewriting machine. L. C. Myers and G. F. Handley. 1,926,165; Sept. 12.
 Typewriting machine. D. Y. Read. 1,918,665; July 18.
 Typewriting machine. D. W. Rubidge. 1,896,465; Feb. 7.
 Typewriting machine. A. H. Sharpe. 1,938,868; Dec. 12.
 Typewriting machine. D. L. and G. T. Shelton. 1,932,914; Oct. 31.
 Typewriting machine. J. A. B. Smith. 1,898,793; Feb. 21.
 Typewriting machine. J. A. B. Smith. 1,900,527; Mar. 7.
 Typewriting machine. J. A. B. Smith. 1,910,971; May 23.
 Typewriting machine. J. A. B. Smith. 1,927,140; Sept. 19.
 Typewriting machine. J. A. B. Smith. 1,931,514; Oct. 24.
 Typewriting machine. B. C. Stickney. 1,909,908; May 16.
 Typewriting machine. B. C. Stickney. 1,921,490; Aug. 8.
 Typewriting machine. O. Thieme. 1,897,284; Feb. 14.
 Typewriting machine. R. G. Thompson. 1,914,705; June 20.
 Typewriting machine. R. G. Thompson. 1,934,338; Nov. 7.
 Typewriting machine. R. G. Thompson. 1,937,047; Nov. 28.
 Typewriting machine. R. G. Thompson and C. W. Crumrine. 1,922,991; Aug. 15.
 Typewriting machine. R. G. Thompson and C. W. Crumrine. 1,937,048; Nov. 28.
 Typewriting machine. R. Von Reppert. 1,924,140; Aug. 29.
 Typewriting machine. J. Toggenburger. 1,936,738; Nov. 28.
 Typewriting machine. S. L. Walsoe. 1,917,784; July 11.
 Typewriting machine. S. L. Walsoe. 1,923,766; Aug. 22.
 Typewriting machine. Manifold. E. F. Watson. 1,934,897; Nov. 14.
 Typewriting machine, Power-driven. R. G. Thompson. 1,940,155; Dec. 19.
 Typewriting machines, Back spacing mechanism for. F. H. Trego. 1,918,304; July 18.
 Typewriting machines, Frame extension for. F. H. Trego. 1,918,302; July 18.
 Typewriting machines, Ribbon reversing mechanism for. F. H. Trego. 1,930,068; Oct. 10.
 Typewriting machines, Variable spacer feed mechanism for. R. W. Robinson. 1,926,178; Sept. 12.
 Typewriting, Power actuated. O. A. Hokanson. 1,921,159; Aug. 8.
 Typewritten matter, Eradicating. A. Nadell. 1,905,118; Apr. 25.
 Typhoonscope and barometer, Combined. A. Anareta. 1,920,048; July 25.
 Typographical casting machine. G. A. Doxey. 1,928,831; Oct. 3.
 Typographical casting machine. A. J. Stouges. 1,910,570; May 23.
 Typographical composing and distributing machine. H. A. Burt. 1,928,716; Oct. 3.
 Typographical composing and line-casting machine. C. A. Albrecht. 1,894,143; Jan. 10.
 Typographical composing, casting, and distributing machine. D. S. Kennedy. 1,927,236; Sept. 19.
 Typographical composing machine. W. Ackerman and G. P. Kingsbury. 1,920,832; Aug. 1.
 Typographical composing machine. C. H. Griffith. 1,910,535; May 23.
 Typographical composing machine. J. R. Rogers. 1,907,122; May 2.
 Typographical distributing machine. N. Dodge. 1,927,231; Sept. 19.
 Typographical machine. R. R. Mead. 1,906,992; May 2.
 Typographical machine. W. R. Padgett and W. T. Brinson. 1,925,968; Sept. 5.
 Typographical machine. A. J. Stouges. 1,899,648; Feb. 28.
 Typographical machines, Line delivery mechanism for. S. E. Sperry. 1,911,478; May 30.
 Typographical machines, Line safety device for. W. M. Bryars. 1,918,376; July 18.
 Typographical mold. R. H. Turner. 1,901,836; Mar. 14.
 U-bolts and making the same. H. C. Ellison. 1,900,049; Mar. 7.
 Ultralight intensive objective. M. Berek. 1,899,934; Mar. 7.
 Ultra-short-wave system. H. E. Hollmann. 1,921,187; Aug. 8.
 Ultra-violet lamp. J. W. Marden and H. C. Rentschler. 1,917,848; July 11.
 Ultraviolet ray lamp. W. F. Hendry. 1,907,294; May 2.
 Ultra-violet ray transmitting fabric. J. Millen. 1,910,850; May 23.
 Ultra-violet ray transmitting material. C. P. Stewart. 1,919,643; July 25.
 Ultra-violet sensitive layer. S. E. Sheppard and L. W. Eberlin. 1,934,451; Nov. 7.
 Ultra-violet sterilizing apparatus. O. J. Meehler. Des. 88,929; Jan. 3.
 Umbrella. H. G. Adler. 1,911,784; May 30.
 Umbrella. E. Cornie. 1,902,395; Mar. 21.
 Umbrella. H. C. Schmidt. 1,908,453; May 9.
 Umbrella. O. Stüttgen. 1,934,569; Nov. 7.
 Umbrella, Collapsible. H. G. Adler and N. A. Matter. 1,908,210; May 9.
 Umbrella, Collapsible. E. E. Saxton. 1,896,722; Feb. 7.
 Umbrella, Folding. J. Seraphim. 1,937,363; Nov. 28.
 Umbrella holder. S. I. Goldstein. 1,915,020; June 20.
 Umbrella holder. H. J. Mott. 1,904,510; Apr. 18.
 Umbrella identification tag. L. M. Bockerman. 1,938,951; Dec. 12.
 Umbrella, Paper. S. Z. Williams. 1,924,426-7; Aug. 29.
 Umbrella, Pocket. E. Wery. 1,919,610; July 25.
 Umbrella-supporting table. C. E. Friesner. 1,936,428; Nov. 21.
 Umbrella, Telescopic. H. Haupt. 1,902,363; Mar. 21.
 Umbrella, Telescopic. H. Haupt. 1,902,774; Mar. 21.
 Uncoupling mechanism for car couplers. A. J. Bazeley. 1,897,461; Feb. 14.
 Uncoupling mechanism for car couplers. A. J. Bazeley. 1,923,137; Aug. 22.
 Uncoupling mechanism for rotor couplers. A. J. Bazeley. 1,915,146; June 20.
 Undercutter. H. McFarland and C. A. Herman. 1,928,697; Oct. 3.
 Underfloor wiring duct system. C. H. Boucher. 1,893,268; Jan. 3.
 Undergarment. S. L. Berger and L. Levenson. 1,916,133; June 27.
 Undergarment. A. D. Craig. 1,911,676; May 30.
 Undergarment. M. S. Erlanger. 1,939,257; Dec. 12.
 Undergarment. A. L. Flesh. 1,935,241; Nov. 14.
 Undergarment. W. M. Hastings. 1,917,213; July 4.
 Undergarment. W. Weinstein and I. H. Harris. Des. 89,854; May 9.
 Undergarment, Lady's. C. Stolz. 1,917,908; July 11.
 Undergarment or similar article of manufacture. W. W. Bradford. Des. 89,548; Mar. 28.
 Undergarment, Woman's. F. Ring. 1,900,129; Mar. 7.
 Undergarments, Removable crotch tab for. M. Awamy. 1,927,198; Sept. 19.
 Underground structure, Method and apparatus for determining. J. J. Jakosky. 1,906,271; May 2.
 Underreamer. B. E. Bertram. 1,905,995; Apr. 25.
 Underreamer. W. L. Foster. 1,908,594; May 9.
 Underreamer. F. A. Golish. 1,906,056; Apr. 25.
 Underreamer, Hydraulic. J. J. Santiago. 1,921,135; Aug. 8.
 Underreamer, Rotary. M. F. Aloï. 1,893,693; Jan. 10.
 Underreamers, Hydraulic expansion of. J. Grant. 1,938,960; Dec. 12.
 Undervoltage device. M. W. Brainard. 1,901,628; Mar. 14.
 Underwear, Men's. J. K. Heyman and A. F. Wenzel. Re18,914; Aug. 8.
 Union. L. H. Church. 1,898,617; Feb. 21.
 Unit heater. P. W. Bielefeldt. 1,931,748; Oct. 24.
 Unit heater. P. J. McIntyre. 1,911,522; May 30.
 Unit heater. P. J. McIntyre. 1,922,815; Aug. 15.
 Unit heater. E. L. Snyder. 1,922,144; Aug. 15.
 Unit heater. J. T. Sorensen. 1,901,338; Mar. 14.
 Unit tower drier. F. W. Egan. 1,938,895; Dec. 12.
 Unit ventilator. W. Shurtleff. 1,903,143; Mar. 28.
 Unitary brake. E. H. Kendall. 1,932,219; Oct. 24.
 Unitary spring cover. W. T. Ferguson and C. B. Eisenhauer. 1,925,047; Aug. 29.
 Uniting members. T. W. Dike. 1,922,668; Aug. 15.

- Uniting or soldering. R. D. Pike and J. Krill. 1,937,840; Dec. 5.
- Universal attachment. G. L. Knox. 1,928,900; Oct. 3.
- Universal coupling. F. C. Biggert, jr. 1,908,307; May 9.
- Universal joint. R. Chilton. 1,896,133; Feb. 7.
- Universal joint. R. Chilton. 1,933,494; Oct. 31.
- Universal joint. G. W. Dooley. 1,897,945; Feb. 14.
- Universal joint. W. B. Fagole. 1,932,400; Oct. 31.
- Universal joint. M. C. Frins. 1,894,986; Jan. 24.
- Universal joint. H. D. Geyer. 1,913,193; June 6.
- Universal joint. F. M. Guy. 1,906,057; Apr. 25.
- Universal joint. F. W. Peters. 1,918,613; July 18.
- Universal joint. F. H. Ragan. 1,898,265; Feb. 21.
- Universal joint. L. Y. Randall. 1,912,095; May 30.
- Universal joint. R. H. Rosenberg. 1,940,884; Dec. 26.
- Universal joint. R. H. Rosenberg. 1,940,886; Dec. 26.
- Universal joint. A. H. Rzeppa. 1,916,442; July 4.
- Universal joint. R. Saitta. 1,939,228; Dec. 12.
- Universal joint. C. W. Van Ranst. 1,911,214; May 30.
- Universal joint. L. Wainwright. 1,899,170; Feb. 28.
- Universal joint. A. A. Warner. 1,921,274; Aug. 8.
- Universal joint. P. M. Wolf. 1,935,926; Nov. 21.
- Universal joint. C. E. Wood. 1,913,045; June 6.
- Universal joint. O. U. Zerk. 1,928,920; Oct. 3.
- Unloader, Automatic hay. J. Huhland. 1,922,176; Aug. 15.
- Unloader for compressors. L. Buehler, jr. 1,910,000; May 23.
- Unloader for compressors. L. Buehler, jr. 1,911,105; May 23.
- Unloader for compressors. J. Le Valley. 1,899,002; Feb. 28.
- Unloader for gas compressors. A. E. Schneider. 1,936,411; Nov. 21.
- Unloader, Magnetic. C. E. L. Lipman. 1,899,341; Feb. 28.
- Unloader mechanism for elevators, Selective. S. Olson. 1,903,885; Apr. 18.
- Unloader valve. C. E. Ploeger. 1,912,463; June 6.
- Unloading apparatus. J. Satterquist. 1,894,326; Jan. 17.
- Unloading device, Automatic flat-bottom. A. Meyer. 1,897,175; Feb. 14.
- Unloading device, Conveyer. E. T. Baden. 1,914,708; June 20.
- Unloading mechanism for rotary compressors. M. Riesner. 1,922,639; Aug. 15.
- Unloading net for extractors. A. O. Long. 1,932,527; Oct. 31.
- Unloading system. S. Green. 1,918,330; July 18.
- Unloading system, Dual. H. V. Haight. 1,911,951; May 30.
- Unloading valve. C. M. Terry. 1,939,150; Dec. 12.
- Unscrewing tool, Pipe. R. A. Phillips. 1,918,663; July 18.
- Upolstered article. W. C. Fisher. 1,908,233; May 9.
- Upolstered article. W. C. Fisher. 1,933,372; Oct. 31.
- Upolstering spring. M. Barwinkel. 1,901,720; Mar. 14.
- Upolstery and drapery fabric. S. J. Oliver. Des. 91,082; Nov. 21.
- Upolstery attaching device. A. W. Meader. 1,903,469; Apr. 11.
- Upolstery construction. A. M. Bank. 1,894,262; Jan. 17.
- Upolstery construction. P. M. Forbes and F. W. Hawes. 1,926,089; Sept. 12.
- Upolstery, Device for spraying. C. C. Meutsch. 1,898,738; Feb. 21.
- Upolstery edge. H. Fox. 1,897,928; Feb. 14.
- Upolstery edge. H. Fox. 1,905,166; Apr. 25.
- Upolstery edge. R. Fox. Re18,954; Sept. 19.
- Upolstery, Finishing strip for. C. P. Schlegel. 1,911,649; May 30.
- Upolstery for all kinds of furniture. W. Knoll. 1,908,902; May 16.
- Upolstery installation and fastener element for use therewith. R. F. Walters. 1,896,875; Feb. 7.
- Upolstery-making machine. A. S. Mitchell. 1,915,329; June 27.
- Upolstery making machine and process. A. S. Mitchell. 1,918,284; July 18.
- Upolstery, Method of and machine for manufacturing. F. N. Ross and H. L. Johnson. 1,924,258; Aug. 29.
- Upolstery or the like, Applying. J. Ledwinka. 1,930,484; Oct. 17.
- Upolstery pad. Le-R. V. Gordon and L. L. Williams. 1,903,424; Apr. 11.
- Upolstery pad and making the same. A. E. Weber and J. A. Howard. 1,906,028; Apr. 25.
- Upolstery pin. D. L. Reiter. 1,919,038; July 18.
- Upolstery washer. R. S. Brown and H. Fancher. 1,929,345; Oct. 3.
- Upper-cutting machine. H. L. Patzer. 1,941,316; Dec. 26.
- Upper main bearing, Deep well leakproof and sandproof. A. R. Wels. 1,902,431; Mar. 21.
- Uprights and members of scaffolding and other structures. Attaching the. G. W. Murphy. 1,895,766; Jan. 31.
- Urea compounds containing heterocyclic nuclei in the molecule, Water soluble. O. Dressel, A. Ossenbeck and E. Tietze. 1,898,431; Feb. 21.
- Urea condensation product and process. R. W. Belfit. 1,898,755; Feb. 21.
- Urea condensation products and making them. M. Paquin. 1,902,889; Mar. 28.
- Urea condensation products, Hardening. A. M. Howald. 1,928,493; Sept. 26.
- Urea-formaldehyde condensation product and process. E. Lionne. 1,901,373; Mar. 14.
- Urea-formaldehyde condensation product and producing same. L. Smidth. 1,893,911; Jan. 10.
- Urea manufacture. H. C. Hetherington. 1,937,116; Nov. 28.
- Urea manufacture. F. W. Miller, jr. 1,898,093; Feb. 21.
- Urea resin, Catalyzed. C. Ellis. 1,905,999; Apr. 25.
- Urea synthesis. F. W. Miller, jr. 1,908,715; May 16.
- Urea synthesis. F. W. Miller, jr. 1,908,995; May 16.
- Urea, Synthesis of. H. J. Krase and H. C. Hetherington. 1,923,489; Aug. 22.
- Urea ware and producing same, Decorated. E. Froesé. 1,914,247; June 13.
- Urethane derivatives and their production. H. Ulrich and P. Koerding. 1,927,858; Sept. 26.
- Urethane substances, Production of. H. Ulrich and K. Saurwein. 1,933,945; Nov. 7.
- Urinal. M. Dwork. 1,928,170; Sept. 26.
- Urinal. M. M. O'Mahony. Des. 91,211; Dec. 19.
- Urn, Burial. W. A. Prier. 1,940,771; Dec. 26.
- Urn, Coffee. N. B. La Fazan, P. P. Tetnowski and W. F. Tentnowski. 1,910,614; May 23.
- Urn or similar article. W. L. Orme. Des. 89,820; May 9.
- Urological table. M. Schmidt and E. Neubacher. 1,919,908; July 25.
- Utensil, Cooking. M. E. Boyer. 1,940,740; Dec. 26.
- Utensil, Cooking. A. L. Clapp. 1,941,145; Dec. 26.
- Utensil, Cooking. J. R. Garrison. 1,936,551; Nov. 21.
- Utensil, Cooking. S. F. Gleason. 1,897,899; Feb. 14.
- Utensil, Cooking. O. Herting. 1,910,468; May 23.
- Utensil, Cooking. L. Hizsnay and R. Amann. 1,905,227; Apr. 25.
- Utensil, Cooking. A. O. Hurxthal. 1,907,199; May 2.
- Utensil, Cooking. B. C. Kane. 1,936,560; Nov. 21.
- Utensil, Cooking. J. M. Liebig. Des. 90,990; Nov. 7.
- Utensil, Cooking. C. H. Pickering and J. Campbell. 1,907,441; May 9.
- Utensil, Cooking. G. H. Schwedersky. 1,907,265; May 2.
- Utensil, Cooking. H. C. Synder. 1,900,619; Mar. 7.
- Utensil, Cooking. O. A. Thronsdens. 1,923,341; Aug. 22.
- Utensil, Culinary. A. Gruny. 1,926,942; Sept. 12.
- Utensil, Culinary. A. L. Parker. 1,906,999; May 2.
- Utensil, Egg cooking. A. F. Larsen. 1,938,185; Dec. 5.
- Utensil, Electrical cooking. S. E. Patchell and C. T. Maxwell. 1,933,927; Nov. 7.
- Utensil handle, Cooking. R. N. Kircher. 1,900,565; Mar. 7.
- Utensil, Kitchen. A. M. Allen. 1,908,806; May 16.
- Utensil, Kitchen. C. A. Burge. 1,936,961; Nov. 28.
- Utensil, Kitchen. J. Colaizzi. 1,933,470; Oct. 31.
- Utensil, Sink cleaning. B. F. Barnes. 1,903,277; Apr. 4.
- Utensil, Writing. P. Schlumbohm. 1,913,457; June 13.
- V-belts, Manufacturing endless. R. Roderwald. 1,911,532; May 30.
- V-8 engine. C. L. McCuen. 1,916,522; July 4.
- Vaccines, Manufacture of. W. Weichlein. 1,924,968; Aug. 29.
- Vacuum air valve. W. T. Gibson. 1,915,661; June 27.
- Vacuum automobile ventilator. C. R. Hosler. 1,923,207; Aug. 22.
- Vacuum breaker. P. B. Wolverton. 1,923,349; Aug. 22.
- Vacuum cleaner. G. W. Allen. 1,916,353; July 4.
- Vacuum cleaner. F. Carlstedt. 1,940,244; Dec. 19.
- Vacuum cleaner. W. J. Clements. 1,900,692; Mar. 7.
- Vacuum cleaner. W. J. Clements. 1,918,519; July 18.
- Vacuum cleaner. W. J. Clements. 1,926,370; Sept. 12.
- Vacuum cleaner. L. Ell. Re18,915; Aug. 8.
- Vacuum cleaner. L. Ell. 1,938,378; Dec. 5.
- Vacuum cleaner. A. A. Forsberg. 1,933,105; Oct. 31.
- Vacuum cleaner. A. Juelson. 1,939,705; Dec. 19.
- Vacuum cleaner. H. M. Keith. 1,901,519; Mar. 14.
- Vacuum cleaner. C. Kühnel and K. Korittke. 1,902,561; Mar. 21.
- Vacuum cleaner. S. E. Lambert. 1,897,060; Feb. 14.
- Vacuum cleaner. W. Leathers. 1,937,765; Dec. 5.
- Vacuum cleaner. F. Lehmann. 1,903,867; Apr. 18.
- Vacuum cleaner. G. Ljungquist. 1,918,764; July 18.
- Vacuum cleaner. G. Ljungquist. 1,930,260; Dec. 19.
- Vacuum cleaner. F. E. Lumley. 1,935,158; Nov. 14.
- Vacuum cleaner. L. C. Packer and R. E. Kruck. Des. 90,913; May 16.
- Vacuum cleaner. R. A. Fonselle. 1,918,713; July 18.
- Vacuum cleaner. W. Schoeller. 1,907,370; May 2.
- Vacuum cleaner. W. S. Simpson. 1,940,609; Dec. 19.
- Vacuum cleaner. S. G. Svensson. 1,915,073; June 20.
- Vacuum cleaner. R. L. Swartz. 1,939,579; Dec. 12.
- Vacuum cleaner. F. Riebel, jr. 1,895,585; Jan. 31.
- Vacuum cleaner. F. Riebel, jr. 1,899,107-8; Feb. 28.
- Vacuum cleaner. F. Riebel, jr. 1,899,423; Feb. 28.
- Vacuum cleaner. F. Riebel, jr. 1,900,465; Mar. 7.
- Vacuum cleaner. F. Riebel, jr. 1,907,334; May 2.
- Vacuum cleaner. F. Riebel, jr., and D. M. Dow. 1,905,059; Apr. 25.
- Vacuum cleaner. N. B. Wales. 1,898,410; Feb. 21.
- Vacuum cleaner bag. C. R. Dickinson. 1,911,208; May 30.
- Vacuum cleaner bag attachment. W. E. Page. 1,894,884; Jan. 17.
- Vacuum cleaner, Bagless. W. Leathers. 1,929,025; Oct. 3.
- Vacuum cleaner brush guard and adjusting roll assembly. L. W. Richardson and A. D. Wassall. 1,903,793; Apr. 18.
- Vacuum cleaner casing. A. A. Forsberg. Des. 89,751; May 2.
- Vacuum cleaner cord control device. B. J. Tamarin. 1,897,087; Feb. 14.

- Vacuum cleaner dust bag. M. R. Hutchison, jr. 1,914,370; June 20.
- Vacuum cleaner, Electrical. K. Korittke. 1,921,085; Aug. 8.
- Vacuum cleaner, Electrical. A. Townsend. 1,903,855; Apr. 18.
- Vacuum cleaner, Electrically driven. J. J. Hambidge. 1,928,535; Sept. 26.
- Vacuum cleaner, Electrically lighted. F. Diehl. 1,934,048; Nov. 7.
- Vacuum cleaner, Hand. W. Leathers. 1,916,005; Jun. 27.
- Vacuum cleaning apparatus. C. Otto. 1,901,467; Mar. 14.
- Vacuum cleaning apparatus. C. Otto. 1,914,834; June 20.
- Vacuum cleaning device. F. Wielatz. 1,902,534; Mar. 21.
- Vacuum cleaner motor. A. C. Gilbert. 1,918,695; July 18.
- Vacuum cleaners, Attachment for. D. H. Chason. 1,920,002; July 25.
- Vacuum condensation pump. A. C. Durdin, jr. 1,901,154; Mar. 14.
- Vacuum cup. G. W. Bungay. 1,918,686; July 18.
- Vacuum discharge apparatus. W. Dallenbach. 1,933,097; Oct. 31.
- Vacuum distillation. E. H. Payne. 1,899,916; Feb. 28.
- Vacuum distillation. R. E. Wilson. 1,905,201; Apr. 25.
- Vacuum drum drier. H. D. Miles and D. B. Montgomery. 1,933,819; Nov. 7.
- Vacuum extraction of cod-liver oil. K. C. D. Hickman. 1,925,559; Sept. 5.
- Vacuum fountain. R. R. Mokler. 1,935,159; Nov. 14.
- Vacuum furnace cleaner. H. Schreiber. 1,937,792; Dec. 5.
- Vacuum heating system. L. F. Easton. 1,906,556; May 2.
- Vacuum in oil wells or the like, Apparatus for maintaining. M. F. Reed. 1,923,395; Aug. 22.
- Vacuum insulation. D. F. Comstock. 1,898,172; Feb. 21.
- Vacuum insulation. D. F. Comstock. 1,898,977; Feb. 21.
- Vacuum milk receiver. C. H. Hapgood. 1,928,424; Sept. 26.
- Vacuum or pressure gauge. N. W. Cummings. 1,918,635; July 18.
- Vacuum producing and heating apparatus. J. H. Walker. 1,941,422; Dec. 26.
- Vacuum producing means for fuel devices. W. A. Edwards and C. S. Burton. 1,923,302; Aug. 22.
- Vacuum pump. F. L. Buenger. 1,897,547; Feb. 14.
- Vacuum pumping system. J. C. Read. 1,935,415; Nov. 14.
- Vacuum radiator valve. W. H. Cadwell. 1,910,237; May 23.
- Vacuum sealer for screw tap containers. J. J. Williams. 1,908,003; May 9.
- Vacuum sealing machine for bottles, jars, cans, and the like. F. O. L. Chorlton. 1,934,255; Nov. 7.
- Vacuum sealing screw cap containers, Apparatus for. H. S. Brady. 1,920,240; Aug. 1.
- Vacuum sealing structure. W. K. Rankin. 1,905,751; Apr. 25.
- Vacuum stabilizer. H. Hueber and E. C. Horton. 1,917,193; July 4.
- Vacuum surface distillation. R. E. Wilson. 1,906,033; Apr. 25.
- Vacuum switch. D. C. Prince. 1,941,273; Dec. 26.
- Vacuum switch. C. T. Ulrey. 1,929,155; Oct. 3.
- Vacuum system, Secondary. L. R. Golladay and C. H. Hodgkins. 1,940,857; Dec. 26.
- Vacuum tube. A. B. Colby. 1,916,204; July 4.
- Vacuum tube. P. E. Edelman. 1,927,631; Sept. 19.
- Vacuum tube. C. J. Kayko. 1,921,619; Aug. 8.
- Vacuum tube. H. Lems. 1,935,723; Nov. 21.
- Vacuum tube. F. S. McCullough. 1,924,368; Aug. 29.
- Vacuum tube. E. G. Murphy. 1,923,552; Aug. 22.
- Vacuum tube. R. H. Ranger. 1,913,954; June 13.
- Vacuum tube. R. G. Richardson. 1,932,637; Oct. 31.
- Vacuum tube. W. van B. Roberts. 1,937,594; Dec. 5.
- Vacuum tube. H. Simon and J. Bingel. 1,914,218; June 18.
- Vacuum tube. R. M. Wise. 1,921,061; Aug. 8.
- Vacuum tube base pin. A. W. Miner. 1,936,404; Nov. 21.
- Vacuum tube construction. C. J. Kayko. 1,935,719; Nov. 21.
- Vacuum tube filament structure. F. S. McCullough. 1,917,991; July 11.
- Vacuum tube filament structure. L. Sutherland. 1,937,856; Dec. 5.
- Vacuum tube structure. R. M. Heintz and P. F. Scofield. 1,930,713; Oct. 17.
- Vacuum tube system. C. L. Lafferty. 1,935,156; Nov. 14.
- Vacuum tube transmitter system. A. Crossley. 1,933,968; Nov. 7.
- Vacuum tube, Water cooled. R. M. Heintz. 1,941,302; Dec. 26.
- Vacuum tubes, Attachment for. H. G. Pack. 1,918,863; July 18.
- Vacuum tubes, Manufacture of. W. Espe. 1,894,947; Jan. 24.
- Vacuum tubes, Method and arrangement for diminishing noise in. W. Schaffer. 1,919,598; July 25.
- Vacuum tubes operated on alternating current. B. Phelps. 1,932,085; Oct. 24.
- Vacuum type filling machine. L. E. Fagan. 1,929,736; Oct. 10.
- Vacuum valve. R. R. Fleming. 1,921,915; Aug. 8.
- Vacuum washer. A. J. Ruppert. 1,930,396; Oct. 10.
- Vaginal and rectal exerciser. R. D. Hoard. 1,928,893; Oct. 3.
- Valuable materials from spent catalysts, Recovering. T. N. Watts. 1,904,582; Apr. 18.
- Valuable products from coal and other carbonaceous materials and improved apparatus for such a process, Obtaining. C. A. Wright. 1,934,023; Nov. 7.
- Valuable products from gaseous unsaturated hydrocarbons, Manufacture of. L. Schlecht and H. Roetger. 1,894,792; Jan. 17.
- Valuable products from mixtures thereof with solid substances, Separation of. R. Wietzel and B. Engel. 1,925,551; Sept. 5.
- Valuable products from tall oil, Production of. H. Franzen and B. Held. 1,921,566; Aug. 8.
- Values from cyanide solutions, Recovery of. H. T. Durant, H. L. Sulman, and H. F. K. Picard. 1,895,412; Jan. 24.
- Values from ore dumps, Recovering. J. W. Van Meter. 1,908,876; May 16.
- Valve: See—
- Adjustable valve.
 - Air brake release valve.
 - Air relief valve.
 - Air valve.
 - Air vent valve.
 - Automatic control valve.
 - Automatic drain valve.
 - Automatic gas shut off valve.
 - Automatic gas valve.
 - Automatic relief valve.
 - Automatic sprinkler system alarm valve.
 - Automatic valve.
 - Automatically operated valve.
 - Automobile tire valve.
 - Auxiliary tire valve.
 - Balanced plug valve.
 - Balanced valve.
 - Ball valve.
 - Blow-off valve.
 - Bottle filling valve.
 - Brake pipe vent valve.
 - Brake valve.
 - Breather valve.
 - By-pass gate valve.
 - Car outlet valve.
 - Carbonating mixing valve.
 - Casing head valve.
 - Cement valve.
 - Check and gate valve.
 - Check valve.
 - Chimney valve.
 - Compensating valve.
 - Compressor discharge valve.
 - Combination relief valve.
 - Conservation valve.
 - Control valve.
 - Copper cooled valve.
 - Coupler operating valve.
 - Discharge valve.
 - Disk valve.
 - Dispatch system valve.
 - Dispensing valve.
 - Dispenser valve.
 - Distributing valve.
 - Diverter valve.
 - Door closer valve.
 - Double check valve.
 - Drain valve.
 - Equalizing valve.
 - Electric automatic valve.
 - Electric current valve.
 - Electrically actuated valve.
 - Electrically operated valve.
 - Electromagnetic valve.
 - Emergency valve.
 - Expansion valve.
 - Filter and check valve.
 - Filter valve.
 - Float and safety valve.
 - Float valve.
 - Flooding control valve.
 - Fluid control valve.
 - Fluid flow control valve.
 - Fluid mixing valve.
 - Fluid well valve.
 - Flush tank valve.
 - Flush valve.
 - Four-electrode valve.
 - Four-way valve.
 - Fuel valve.
 - Gas control valve.
 - Gas cut-off valve.
 - Gas valve.
 - Gaseous light valve.
 - Gate valve.
 - Inlet control valve.
 - Inserting valve.
 - Insulated plug valve.
 - Internal emergency shut off valve.
 - Lubricated plug valve.
 - Lubricated valve.
 - Lubricator valve.
 - Magnetic valve.
 - Mechanical gas valve.
 - Mixing valve.
 - Motor operated valve.
 - Multiple-way valve.
 - Nonreturn valve.
 - Organ valve.
 - Oscillating valve.
 - Packless valve.
 - Plug valve.
 - Pneumatic valve.
 - Pop safety valve.
 - Poppet valve.
 - Positive acting valve.
 - Pressure control valve.
 - Pressure controlled valve.
 - Pressure fluid controlled valve.
 - Pressure indicating valve.
 - Pressure operated two-way valve.
 - Pressure operating balanced valve.
 - Pressure reducing valve.
 - Pressure regulating and relief valve.
 - Pressure release valve.
 - Pressure relief valve.
 - Pump manifold ball valve.
 - Pump valve.
 - Push button valve.
 - Radiator valve.
 - Regulating valve.
 - Release valve.
 - Relief control valve.
 - Relief valve.
 - Rotary valve.
 - Rotor and lubricated valve.
 - Safety air valve.
 - Safety gas valve.
 - Safety valve.
 - Shock absorbing valve.
 - Shut-off valve.
 - Shut-off and trip valve.
 - Slow closing valve.
 - Snap action valve.
 - Solenoid operated valve.
 - Speed control valve.
 - Sprinkler valve.
 - Sterilizer valve.
 - Stop and waste valve.
 - Switch valve.
 - Tank outlet valve.
 - Tank valve.
 - Terminal check valve.
 - Thermionic valve.
 - Thermostatic valve.
 - Thermostatically controlled valve.
 - Throttle and trip valve.
 - Throttle valve.
 - Tire pop valve.
 - Tire valve.
 - Train line relief valve.
 - Transfer valve.
 - Unloader valve.
 - Unloading valve.
 - Vacuum air valve.
 - Vacuum radiator valve.
 - Vacuum valve.
 - Water mixing valve.
 - Water regulating valve.
 - Water softener valve.
 - Water valve.
- Valve. A. A. Andrake. 1,898,805; Feb. 21.
- Valve. N. Atterbury. 1,922,190; Aug. 15.
- Valve. C. M. Bailey. 1,911,785; May 30.
- Valve. T. P. Ball. 1,940,990; Dec. 26.

- Valve. F. L. Barchard. 1,933,085; Oct. 31.
 Valve. K. Berger. 1,939,249; Dec. 12.
 Valve. T. Bowler. 1,934,255; Nov. 7.
 Valve. E. E. Brosius. 1,907,730; May 9.
 Valve. W. Brown, W. H. and R. Hough. 1,930,506; Oct. 17.
 Valve. G. Campbell. 1,925,301; Sept. 5.
 Valve. G. M. Crossen. 1,898,816; Feb. 21.
 Valve. J. C. Crowley. 1,930,040; Oct. 10.
 Valve. S. V. Dillon. 1,915,719; June 27.
 Valve. B. F. Dowd. 1,925,436; Sept. 5.
 Valve. J. E. Elms. 1,914,737; June 20.
 Valve. J. J. Ferlin and H. W. Goetz. 1,940,999; Dec. 26.
 Valve. C. F. Fernald. 1,929,684; Oct. 10.
 Valve. E. H. Ford. 1,898,577; Feb. 21.
 Valve. W. J. Gabel and J. S. Bretz. 1,894,859; Jan. 17.
 Valve. W. T. Giles. 1,925,958; Sept. 5.
 Valve. T. A. Graves. 1,926,095; Sept. 12.
 Valve. F. A. Gray. 1,898,952; Feb. 21.
 Valve. T. S. Grimes. 1,896,706; Feb. 7.
 Valve. C. E. Grunsky. 1,925,531; Sept. 5.
 Valve. R. C. Haimbaugh. 1,913,116; June 6.
 Valve. S. M. Halstead, A. I. Wickland, and W. C. Tustin. 1,906,959; May 2.
 Valve. C. M. Hamblin. 1,932,404; Oct. 31.
 Valve. E. H. and E. E. Hansen. 1,936,301; Nov. 21.
 Valve. D. T. Harbison. 1,935,978; Nov. 21.
 Valve. W. S. Hilkey. 1,938,425; Dec. 5.
 Valve. E. P. Hill. 1,936,236; Nov. 21.
 Valve. W. Hinz. 1,903,426; Apr. 11.
 Valve. B. P. Hoffman. 1,911,280; May 30.
 Valve. C. H. Howell and H. P. Bunger. 1,894,814; Jan. 17.
 Valve. O. B. Huber. 1,901,649; Mar. 14.
 Valve. H. L. Joyce. 1,910,994; May 23.
 Valve. K. Karnath. 1,904,467; Apr. 18.
 Valve. L. C. Karrick. 1,899,154; Feb. 28.
 Valve. J. C. Kennedy. 1,914,260; June 13.
 Valve. J. V. Kindl. 1,933,177; Oct. 31.
 Valve. E. J. Kocour. 1,925,390; Sept. 5.
 Valve. H. E. La Bour. 1,925,392; Sept. 5.
 Valve. H. W. Landenberger and H. W. Link. 1,929,643; Oct. 10.
 Valve. R. W. Leach and W. H. Bateman. 1,896,778; Feb. 7.
 Valve. H. B. Lee. 1,919,232-3; July 25.
 Valve. J. O. Lewis. 1,921,298; Aug. 8.
 Valve. A. S. Mancib. 1,914,270; June 13.
 Valve. H. L. Mason. 1,916,767; July 4.
 Valve. H. J. Mastenbrook. 1,923,788; Aug. 22.
 Valve. E. I. McGee. 1,906,277; May 2.
 Valve. F. R. McGee. 1,915,744; June 27.
 Valve. H. Miller and M. Eule. 1,916,738; July 4.
 Valve. E. B. Moore. 1,928,070; Sept. 26.
 Valve. E. B. Moore. 1,934,871; Nov. 14.
 Valve. W. W. Pagon and W. W. Troxell. 1,933,182; Oct. 31.
 Valve. J. Pelouch. 1,928,461; Sept. 26.
 Valve. G. Pirinoli. 1,914,786; June 20.
 Valve. C. W. Ploen. 1,926,790; Sept. 12.
 Valve. J. Podolsky. 1,905,499; Apr. 25.
 Valve. M. F. Richardson. 1,900,736; Mar. 7.
 Valve. H. A. Rike. 1,916,490; July 4.
 Valve. L. A. Rogers. 1,903,344; Apr. 4.
 Valve. J. P. Ryan. 1,924,417; Aug. 29.
 Valve. A. V. Saharoff. 1,916,685; July 4.
 Valve. H. W. Schiörring and F. P. Fuhs. 1,897,678; Feb. 14.
 Valve. C. A. Schmidt. 1,937,597; Dec. 5.
 Valve. C. F. Schultis. 1,939,141; Dec. 12.
 Valve. R. C. Shand. 1,897,076; Feb. 14.
 Valve. N. B. Simpson. 1,894,546; Jan. 17.
 Valve. S. W. Sparks. 1,921,846; Aug. 8.
 Valve. W. H. D. Spears. 1,917,816; July 11.
 Valve. F. Spence. 1,903,243; Mar. 28.
 Valve. E. P. Stein. 1,899,296; Feb. 28.
 Valve. C. M. Stewart. 1,919,602; July 25.
 Valve. C. M. Terry. 1,938,943; Dec. 12.
 Valve. E. Tyden. 1,917,000; July 4.
 Valve. J. A. Wade. 1,936,650; Nov. 28.
 Valve. G. E. Wallis. 1,907,627; May 9.
 Valve. F. H. Wells. 1,939,801; Dec. 19.
 Valve. C. C. and G. L. Westerman. 1,894,505; Jan. 17.
 Valve. C. J. Westling. 1,922,064; Aug. 15.
 Valve. J. W. Whitehurst. 1,927,727; Sept. 19.
 Valve. J. A. Wiener. 1,931,048; Oct. 17.
 Valve. D. Yoshizawa. 1,897,687; Feb. 14.
 Valve actuating device. A. G. Gage. 1,933,848; Nov. 7.
 Valve actuating means for air heaters. B. Scholl. 1,905,065; Apr. 25.
 Valve actuating mechanism. L. Hain. 1,928,856; Oct. 3.
 Valve actuating mechanism. C. C. Williams. 1,915,586; June 27.
 Valve actuating mechanism for internal combustion engines. P. Gerard. 1,902,996; Mar. 28.
 Valve adapted to be lubricated. F. Milliken. 1,915,068; June 20.
 Valve and actuating means therefor. Cut-off. F. A. Gillen. 1,914,250; June 13.
 Valve and cock. J. A. McGeorge. 1,918,856; July 25.
 Valve and control system. Electrically operated expansion. T. I. Potter. 1,909,893; May 16.
 Valve and fuel modifier for internal combustion motors. Auxiliary air. H. W. Paine. 1,899,476; Feb. 28.
 Valve and generator assembly. A. J. Yeager. 1,914,393; June 20.
 Valve and operating means therefor. E. M. Hartman. 1,917,936; July 11.
 Valve and operating means therefor. E. M. Hartman. 1,918,184; July 11.
 Valve and operating mechanism therefor. A. C. Bradshaw. 1,915,716; June 27.
 Valve and operating the same. Grain. O. W. Fisher, R. E. Walter, and J. N. Cook. 1,907,773; May 9.
 Valve and piston. Combined. E. C. Flynn. 1,929,414; Oct. 10.
 Valve and self-feeding intake. Soot. E. B. Tolman, jr. 1,940,894; Dec. 26.
 Valve and similar structure and producing it. W. G. Wilson. 1,909,478; May 16.
 Valve and strainer. Combined check. E. S. Cornell, jr. 1,897,572; Feb. 14.
 Valve and tappet silencer and clearance. H. A. Kuse. 1,913,241; June 6.
 Valve and the like. Air. I. D. Perry. 1,923,501; Aug. 22.
 Valve and union. Combination check. F. R. Long. 1,932,348; Oct. 24.
 Valve and valve-seat refinishing tool. A. A. Radley, jr. 1,900,075; Mar. 7.
 Valve and yoke. Combined. A. P. Hornor. 1,927,170; Sept. 19.
 Valve apparatus. F. E. Herr. 1,895,326; Jan. 24.
 Valve apparatus for locomotives. Regulator. E. A. Robinson. 1,907,671; May 9.
 Valve arrangement for oil engines. M. J. Goldberg. 1,927,311; Sept. 19.
 Valve assembly. F. G. Brotz. 1,937,313; Nov. 28.
 Valve assembly for floating and cementing devices. C. E. Burt. 1,906,312; May 2.
 Valve assembly. Gate. D. J. Moran and E. O. Bennett. 1,941,443; Dec. 26.
 Valve. Automatic. W. E. Bell. 1,910,082; May 23.
 Valve bags. Method and apparatus for manufacturing. A. Andreas. 1,916,293; July 4.
 Valve bending tool. G. A. Morgan. 1,902,881; Mar. 28.
 Valve body. Fabricated. R. J. Needham. 1,935,329; Nov. 14.
 Valve bodies. Making rolled steel. S. W. Sparks. 1,921,589; Aug. 8.
 Valve box. Curb. L. G. Haase and F. M. Brooks. 1,905,856; Apr. 25.
 Valve. By-pass gate. W. H. Glab. 1,936,873; Nov. 28.
 Valve cage. M. S. Parkhill. 1,893,209; Jan. 3.
 Valve cap. Automobile tire. G. Ulvick. 1,931,807; Oct. 24.
 Valve casing. E. J. Hirvonen. Des. 89,443; Mar. 14.
 Valve casing. H. S. Humphrey. Des. 89,465; Mar. 14.
 Valve casings. Making. S. G. Malby. 1,893,711; Jan. 10.
 Valve-closed metal container. W. F. Punte. 1,941,043; Dec. 26.
 Valve combined with air release valve. Air vacuum. M. M. Borden. 1,936,537; Nov. 21.
 Valve construction. W. S. Haley. 1,929,973; Oct. 10.
 Valve construction. H. H. Haller. 1,901,237; Mar. 14.
 Valve construction. H. H. Haller. 1,902,069; Mar. 21.
 Valve construction. J. J. Lawler. 1,934,314; Nov. 7.
 Valve construction. S. M. Martin. 1,933,864; Nov. 7.
 Valve construction. R. T. Smith. 1,938,984; Dec. 12.
 Valve construction. E. J. Svenson. 1,924,422; Aug. 29.
 Valve construction. Balanced relief. R. W. Mueller. 1,928,071; Sept. 26.
 Valve construction. Float. C. L. Armstrong. 1,926,018; Sept. 12.
 Valve construction for containers. W. A. Roselle. 1,901,413; Mar. 14.
 Valve construction. Gas. G. Heinisch. 1,932,370; Oct. 24.
 Valve construction. Interlocking. C. A. Pearson. 1,898,569; Feb. 21.
 Valve control. L. C. Shippy. 1,941,325; Dec. 26.
 Valve control apparatus for dry pipe sprinkler systems. M. W. Paden and V. G. Opdyke. 1,900,300; Mar. 7.
 Valve control. Fluid pressure multiple. M. H. Dickinson. 1,927,700; Sept. 19.
 Valve control for internal-combustion engines. Positive. W. Jünk. 1,937,152; Nov. 28.
 Valve control for liquid and gas separators. Inverse. G. Raymond. 1,897,398; Feb. 14.
 Valve control for packing machines. Electrical. K. H. Kolhede. 1,901,521; Mar. 14.
 Valve control mechanism. F. Kissing. 1,904,475; Apr. 18.
 Valve control. Poppet. C. S. Burnett. 1,894,663; Jan. 17.
 Valve control system. M. Birkigt. 1,927,769; Sept. 19.
 Valve control system. G. Block. 1,912,029; May 30.
 Valve controlling apparatus for chlorinators. A. S. Yeagley, jr. 1,922,268; Aug. 15.
 Valve controlling means. E. R. Williams. 1,897,745; Feb. 14.
 Valve controlling means. E. R. Williams. 1,909,328; May 16.
 Valve controlling means for fluid distributing devices. A. Johnson. 1,901,749; Mar. 14.
 Valve controlling mechanism. D. Heyer. 1,930,593; Oct. 17.
 Valve converting apparatus. Electric. F. Barz. 1,894,078-9; Jan. 10.
 Valve converting apparatus. Electric. B. D. Bedford. 1,938,367; Dec. 5.
 Valve converting apparatus. Electric. A. S. Fitz Gerald. 1,919,633; July 25.
 Valve converting apparatus. Electric. C. A. Sabbah. 1,929,565; Oct. 10.

- Valve converting apparatus, Electric. C. H. Willis. 1,923,696; Aug. 22.
- Valve converting apparatus, Electric. C. H. Willis. 1,929,721; Oct. 10.
- Valve converting apparatus, Electric. C. H. Willis. 1,929,722-3; Oct. 10.
- Valve converting apparatus, Electric. C. H. Willis. 1,929,725-6; Oct. 10.
- Valve converting apparatus, Electric. C. H. Willis. 1,929,728; Oct. 10.
- Valve converting apparatus, Electric. C. H. Willis. 1,929,730; Oct. 10.
- Valve converting apparatus, Electric. C. H. Willis and C. W. Lampson. 1,929,724; Oct. 10.
- Valve converting system, Electric. E. F. W. Alexanderson. 1,937,377; Nov. 28.
- Valve converting system, Electric. E. F. W. Alexanderson. 1,939,428; Dec. 12.
- Valve converting system, Electric. E. F. W. Alexanderson. 1,939,429; Dec. 12.
- Valve converting system, Electric. F. Barz. 1,894,079; Jan. 10.
- Valve converting system, Electric. B. D. Bedford. 1,930,302-3; Oct. 10.
- Valve converting system, Electric. C. A. Sabbah and M. M. Morack. 1,937,361; Nov. 28.
- Valve converting system, Electric. C. H. Willis. 1,929,727; Oct. 10.
- Valve converting system, Electric. C. H. Willis. 1,929,729; Oct. 10.
- Valve converting system, Electric. C. H. Willis. 1,937,370; Nov. 28.
- Valve converting system, Electric. C. H. Willis. 1,937,372; Nov. 28.
- Valve converting system and excitation apparatus therefor, Electric. B. D. Bedford. 1,939,433; Dec. 12.
- Valve converting system and excitation apparatus therefor, Electric. P. M. Currier. 1,939,437; Dec. 12.
- Valve converting system and excitation apparatus therefor, Electric. M. M. Morack. 1,939,458; Dec. 12.
- Valve cooling device. W. Baden. 1,904,669; Apr. 18.
- Valve core of the sealing and poppet type. G. A. Sutton. 1,934,572; Nov. 7.
- Valve cutter. W. Reilly. 1,911,847; May 30.
- Valve cutter and finisher, Friction taper. H. R. Rogers. 1,893,637; Jan. 10.
- Valve device. D. L. McNeal. 1,939,912; Dec. 19.
- Valve device. T. F. Stacy. 1,901,131; Mar. 14.
- Valve device, Brake. J. C. McCune. 1,895,477; Jan. 31.
- Valve device, Double check. E. E. Hewitt. 1,919,430; July 25.
- Valve device for water meters and the like, Protection. L. D. Lovekin and J. L. Le Gorre. 1,924,869; Aug. 29.
- Valve device, Snap-acting. C. C. Farmer. 1,919,421; July 25.
- Valve, diverter. E. M. Reedy. 1,937,246; Nov. 28.
- Valve facing apparatus. G. Odum. 1,937,240; Nov. 28.
- Valve fitting for plumbing fixtures. B. Lutsky. 1,894,407; Jan. 17.
- Valve fitting to a cable, Fastening a. J. R. Brant. 1,915,847; June 27.
- Valve for acetylene torches, Safety. A. Rang. 1,930,107; Oct. 10.
- Valve for a Diesel engine, Injection. H. W. Dain. 1,908,660; May 9.
- Valve for air brake systems, Back-up. C. A. Campbell. 1,912,566; June 6.
- Valve for animal feeders. E. D. Einsel and N. C. Nelson. 1,919,587; July 25.
- Valve for automatic air brakes, Pressure control. O. Seifferle. 1,897,339; Feb. 14.
- Valve for automatic sprinkler systems, Dry pipe. B. B. Carter. 1,911,107; May 23.
- Valve for bottle fillers, Filler. J. Kantor. 1,900,447; Mar. 7.
- Valve for bowls, Flush. J. A. Mitchell. 1,932,224; Oct. 24.
- Valve for carbon dioxide fire extinguishing apparatus. A. C. Rowley. 1,898,899; Feb. 21.
- Valve for closed containers, Relief. C. M. Gere. 1,915,490; June 27.
- Valve for collapsible tubes, Self-sealing closure. E. A. Wekerle. 1,910,452; May 23.
- Valve for compound water heaters, Controlling. E. Neubling. 1,928,433; Sept. 26.
- Valve for compressed air brakes, Triple. F. Kasantzef. 1,936,966; Nov. 28.
- Valve for compressed air systems. G. A. Leiman. 1,939,176; Dec. 12.
- Valve for compressors, Rotary. L. Ochtman, jr., and R. C. Engelman. 1,932,636; Oct. 31.
- Valve for containers, Control. E. M. Sargent. 1,913,412; June 13.
- Valve for continuous automatic moderate brakes. M. Fasoli and M. Diegoli. 1,938,248; Dec. 5.
- Valve for controlling flow of liquid. C. A. Parsons, S. S. Cook, and L. M. Douglas. 1,914,457; June 20.
- Valve for corrosive fluids. K. R. Hagen. 1,923,306; Aug. 22.
- Valve for corrosive liquids. F. L. Hausbalter. 1,931,320; Oct. 17.
- Valve for counter-pressure filling machines, Filler. G. J. Meyer. 1,915,066; June 20.
- Valve for crank cases, Drain. L. D. Trice and E. A. Hicks. 1,938,505; Dec. 5.
- Valve for drill pipe testing, Back pressure. H. B. Ziegler. 1,910,079; May 23.
- Valve for drill stems, Cut-off. E. C. Johnston and J. F. Fowler, jr. 1,908,762; May 16.
- Valve for engines, Rotary. L. H. Benster and R. S. Trott. 1,938,795; Dec. 12.
- Valve for explosion turbines, Arrangement of nozzle. H. Holzwarth. 1,924,719; Aug. 29.
- Valve for faucets. J. C. Angel. 1,910,196; May 23.
- Valve for fire extinguishing systems. A. C. Rowley. 1,932,324; Oct. 24.
- Valve for flush tanks. A. R. Gilmore. 1,893,202; Jan. 3.
- Valve for footballs and other inflatable articles. W. Hausbenschak and W. A. Wetterwald. 1,892,727; Jan. 3.
- Valve for force feed lubricating systems, Lubricant discharge. I. Cowles. 1,897,609; Feb. 14.
- Valve for gas burners, Lockable. H. Liva. 1,929,362; Oct. 3.
- Valve for gasoline tanks and the like, Safety. J. A. Jensen. 1,893,942; Jan. 10.
- Valve for heating systems, Control. W. J. Crawford. 1,929,198; Oct. 3.
- Valve for hot water heating systems, Safety relief. R. W. Johnson. 1,927,036; Sept. 19.
- Valve for hydraulic pumping systems, Float. T. F. Moore. 1,940,007; Dec. 19.
- Valve for inflation purposes. T. Beasley. 1,924,634; Aug. 29.
- Valve for internal combustion engines. W. F. Boyce. 1,905,140; Apr. 25.
- Valve for internal combustion engines, Air inlet. S. H. Longfellow. 1,922,379; Aug. 15.
- Valve for internal combustion engines, Automatic air or mixture admission. L. Saives. 1,933,033; Oct. 31.
- Valve for internal combustion engines, Fuel injection. H. Vonrütli. 1,893,751; Feb. 21.
- Valve for internal combustion engines, Rotary. C. W. Hall. 1,924,188; Aug. 29.
- Valve for internal combustion engines, Rotary. P. C. Morris. 1,927,348; Sept. 19.
- Valve for kiers, Automatic control. E. D. Jefferson. 1,908,426; May 9.
- Valve for liquid containers. C. L. Hunt and N. J. Hill. 1,893,303; Feb. 21.
- Valve for liquid fuel and the like, Regulating. R. C. Olson. 1,937,204; Nov. 28.
- Valve for liquid meters. D. H. McGogy. 1,894,492; Jan. 17.
- Valve for locomotive feed water heating systems. J. A. Power and A. A. Meister. 1,914,645; June 20.
- Valve for locomotive sanders, Automatic. V. L. Frantz. 1,933,287; Dec. 5.
- Valve for low water alarms, Control. H. W. Coddington. 1,900,379; Mar. 7.
- Valve for lubricating systems. W. K. Hawks. 1,933,905; Nov. 7.
- Valve for organ pipes. Electrically operated. B. G. Austin. 1,916,820; July 4.
- Valve for pneumatic conveyers, Air-control. W. A. Smith. 1,896,597; Feb. 7.
- Valve for pneumatic devices. E. E. Tompkins. 1,909,921; May 16.
- Valve for pneumatic devices. E. E. Tompkins. 1,927,725; Sept. 19.
- Valve for radiators, Air. W. F. MacDonald. 1,907,844; May 9.
- Valve for refrigerator cars, Safety cut-off. J. Kopsa and E. D. Brigham, jr. 1,896,673; Feb. 7.
- Valve for refrigerator cars, Thermostatic control. J. Kopsa and E. D. Brigham, jr. 1,918,272; July 18.
- Valve for release of fluids, Cutter. D. Mapes. 1,921,831; Aug. 8.
- Valve for retaining valves, Control. E. E. Hewitt. 1,919,431; July 25.
- Valve for rock drills. A. Feucht. 1,895,153; Jan. 24.
- Valve for rock drills. G. W. Hulshizer. 1,898,665; Feb. 21.
- Valve for rock drills. E. F. Terry. 1,897,595; Feb. 14.
- Valve for rotary filters. S. E. Woodworth. 1,917,818; July 11.
- Valve for rubber balls, Check. R. H. Bacon. 1,905,361; Apr. 25.
- Valve for shock absorbers, Relief. R. I. Bates. 1,898,335; Feb. 21.
- Valve for sprinkler systems, Alarm. W. B. Griffith. 1,913,027; June 6.
- Valve for steam engines. A. C. Russell. 1,893,446; Jan. 3.
- Valve for steaming devices for pressing machines. E. Davis and A. Kagi. 1,925,794; Sept. 5.
- Valve for truck tires. M. Finger. 1,913,664; June 13.
- Valve for two-line steam heating systems. E. C. Boldt. 1,936,125; Nov. 21.
- Valve for vapor heating system, Vacuum check air. W. K. Simpson. 1,916,695; July 4.
- Valve for vapor heating systems, Vacuum air. C. W. Stewart. 1,916,696; July 4.
- Valve for well pump plungers. J. W. Pippin. 1,931,938; Oct. 24.
- Valve frequency system, Electric. B. D. Bedford. 1,938,368; Dec. 5.
- Valve gear. S. Miller and J. J. Jones. 1,906,482; May 2.
- Valve gear. H. G. Mueller. 1,927,527; Sept. 19.
- Valve gear and operating mechanism therefor, Locomotive. J. G. Blunt. 1,907,455; May 9.
- Valve gear, Hydraulic. W. Noble. 1,903,328; Apr. 4.

- Valve gear of internal-combustion engines. A. M. Niven. 1,925,906; Sept. 5.
- Valve grinding machine. F. O. Albertson. 1,909,446; May 16.
- Valve grinding machine. G. A. Fullips. 1,906,745; May 2.
- Valve grinding machine. B. T. Steber. 1,916,775; July 4.
- Valve grinding machine. J. R. Turner. 1,908,937; May 16.
- Valve guide. W. H. Manning. 1,916,520; July 4.
- Valve guide cleaner. L. W. Johnson. 1,905,103; Apr. 25.
- Valve guide lubricator. D. M. Wellman. 1,938,506; Dec. 5.
- Valve handle. L. Frank. 1,936,109; Nov. 21.
- Valve handle. J. J. Schornstein. 1,923,691; Aug. 22.
- Valve head for air motors. N. Koehn. 1,922,373; Aug. 15.
- Valve head, Well pump. A. G. Gage. 1,907,950; May 9.
- Valve holder. R. D. Elder. 1,898,720; Feb. 21.
- Valve holder, Thermionic. G. A. Mathieu and S. B. Smith. 1,907,992; May 9.
- Valve keeper inserter. H. W. Kulp and M. C. Dellinger. 1,896,001; Jan. 31.
- Valve lash adjusting mechanism, Hydraulic. G. E. A. Hallett. 1,931,476; Oct. 17.
- Valve lever. A. R. Lemieux. Des. 91,171; Dec. 12.
- Valve lifter. J. S. Frye. 1,934,973; Nov. 14.
- Valve lifter. L. B. Glantz. 1,932,728; Oct. 31.
- Valve lifter. S. Palmer. 1,922,392; Aug. 15.
- Valve lifter. W. L. Ziegler and J. W. Durnell. 1,892,824; Jan. 3.
- Valve lifter, or tappet, Self-adjusting. A. L. Pearson and J. J. Gerhardt. 1,900,518; Mar. 7.
- Valve lifter, spring compressor and replacer, Combined. J. Sunnen. 1,905,012; Apr. 25.
- Valve lifter, Zero lash. O. Burkhardt. 1,916,191; July 4.
- Valve lifting tool. J. Sunnen. 1,907,609; May 9.
- Valve loading device. E. E. Hewitt. 1,920,938; Aug. 1.
- Valve lock. A. R. Black and R. Clade. 1,894,660; Jan. 17.
- Valve lock. S. W. Neldner. 1,903,190; Mar. 28.
- Valve lock and housing. B. F. Turner. 1,903,581; Apr. 11.
- Valve lock inserter. G. L. King. 1,926,287; Sept. 12.
- Valve locking device. C. W. Richter. 1,910,499; May 23.
- Valve locking means. G. A. Bockman. 1,924,831; Aug. 29.
- Valve lubricating device. C. C. Farmer. 1,935,792; Nov. 21.
- Valve means for pumps or the like. H. F. Vickers. 1,910,581; May 23.
- Valve mechanism. H. T. Abraham. 1,930,027; Oct. 10.
- Valve mechanism. L. J. Berkeley. 1,919,973; July 25.
- Valve mechanism. J. C. Crowley. 1,895,449; Jan. 31.
- Valve mechanism. A. J. Dotterweich. 1,902,624; Mar. 21.
- Valve mechanism. A. D. Ferguson. 1,914,495; June 20.
- Valve mechanism. H. B. Halvorsen. 1,940,797; Dec. 26.
- Valve mechanism. F. V. D. Longacre. 1,909,974; May 23.
- Valve mechanism. F. A. Nason and F. W. Winnen. 1,907,085; May 2.
- Valve mechanism. W. E. Pike. 1,925,201; Sept. 5.
- Valve mechanism. W. Prellwitz. 1,935,376; Nov. 14.
- Valve mechanism. W. H. Schulte. 1,929,522; Oct. 10.
- Valve mechanism. P. C. Temple. 1,921,551; Aug. 8.
- Valve mechanism. N. E. Woolman. 1,903,078; Mar. 28.
- Valve mechanism. P. F. Youngling. 1,900,268; Mar. 7.
- Valve mechanism, Emergency. S. G. Down. 1,939,844; Dec. 19.
- Valve mechanism, Exhaust. H. G. Mueller. 1,927,526; Sept. 19.
- Valve mechanism, Float controlled. F. D. and H. Pfening, Jr. 1,918,128; July 11.
- Valve mechanism, Fluid pressure reversing. W. J. Guild. 1,935,119; Nov. 14.
- Valve mechanism for controlling heating burners. E. S. Halsey. 1,910,012; May 23.
- Valve mechanism for fluid pressure operated well pumps. A. G. Gage. 1,907,951; May 9.
- Valve mechanism for fluid pressure tools. E. W. Stevens. 1,931,040; Oct. 17.
- Valve mechanism for gas engines. J. O. Hosmon and E. W. Anderson. 1,924,403; Aug. 29.
- Valve mechanism for heat flasks. R. S. Ferguson. 1,915,523; June 27.
- Valve mechanism for oil burners. R. S. Whaley. 1,928,442; Sept. 26.
- Valve mechanism for pneumatic drills, Control. C. A. Hultquist. 1,934,927; Nov. 14.
- Valve mechanism for railway air brake systems, Automatic retainer. B. Ferguson. 1,939,548; Dec. 12.
- Valve mechanism for underground liquid tanks, Removable. W. R. McFeely. 1,905,729; Apr. 25.
- Valve mechanism for well pipe, Back pressure. L. C. Tibbury. 1,899,121; Feb. 28.
- Valve mechanism, Gas. E. Lapp, A. Wolpert, and B. E. Shaw. 1,897,061; Feb. 14.
- Valve mechanism, Hydraulic. G. E. A. Hallett. 1,930,554; Oct. 17.
- Valve mechanism, Hydraulic. G. E. A. Hallett and LeR. W. Shutts. 1,936,667; Nov. 28.
- Valve mechanism, Hydraulic. C. R. Short. 1,930,568; Oct. 17.
- Valve member, Detachable. J. J. Aull. 1,898,519; Feb. 21.
- Valve mounting for blowdown control. C. W. Rice. 1,899,826; Feb. 28.
- Valve of reciprocating pumps, Delivery. A. A. Sidney. 1,933,454; Oct. 31.
- Valve oiler and silencer. J. W. Nelson. 1,930,368; Oct. 10.
- Valve oiling and gas diluting device. J. E. Halford. 1,897,383; Feb. 14.
- Valve operated by suction, Gas controlled. F. W. Hornbruch. 1,908,357; May 9.
- Valve-operating mechanism. R. W. Dinzel. 1,920,973; Aug. 8.
- Valve operating mechanism. A. Nutt, A. H. Leak, and H. L. Chisholm, Jr. 1,926,349; Sept. 12.
- Valve operating mechanism. E. S. Russell. 1,928,870; Oct. 3.
- Valve operating mechanism for fluid pressure engines, pumps, or compressors. H. R. Ricardo. 1,897,179; Feb. 14.
- Valve operating mechanism for tank vehicles. J. A. Jensen. 1,932,972; Oct. 31.
- Valve operator for automatic dish washing and drying machine. R. Burkle. 1,939,802; Dec. 19.
- Valve operator, Power driven. P. W. Cummings. 1,933,713; Nov. 7.
- Valve or cock. R. W. Leach. 1,937,122; Nov. 28.
- Valve or cock, High pressure. A. Swanson. 1,927,855; Sept. 26.
- Valve or the like, Low pressure gas. G. E. Weidner. 1,915,342; June 27.
- Valve organization for playing balls and the like. O. A. Savaria. 1,916,935; July 4.
- Valve outlet fixture. W. V. Paine. 1,894,222; Jan. 10.
- Valve packing, Spring pressed. D. R. Yarnall. 1,935,899; Nov. 21.
- Valve pin washer and ferrule maker and assembler. A. J. Lewis and J. W. Richardson. 1,920,264; Aug. 1.
- Valve puller. C. M. Marshall and J. E. Mabin. 1,892,900; Jan. 3.
- Valve rectifying system, Electric. H. W. Lord. 1,939,456; Dec. 12.
- Valve regulator. E. L. Gaines. 1,898,248; Feb. 21.
- Valve reseating tool. C. D. Hellyer. 1,925,382; Sept. 5.
- Valve reseating tool. J. Tekavec. 1,899,593; Feb. 28.
- Valve seat. E. E. Hewitt. 1,932,039; Oct. 24.
- Valve seat. P. D. Hushour. 1,905,638; Apr. 25.
- Valve seat cutting device. F. W. Seelert. 1,923,847; Aug. 22.
- Valve-seat finishing tool. E. E. Neldner. Re19,013; Nov. 28.
- Valve seat for internal combustion engines, Replacement. H. Hager. 1,929,780; Oct. 10.
- Valve seat insert, Exhaust. A. T. Colwell. 1,911,173; May 23.
- Valve seat reamer sleeve. H. C. Preston. 1,903,533; Apr. 11.
- Valve seat ring driver. F. O. Albertson. 1,905,879; Apr. 25.
- Valve seat rings, Making. S. A. Strickland. 1,914,179; June 13.
- Valve seat tool. F. O. Albertson. 1,902,207; Mar. 21.
- Valve seat tool. R. Weber. 1,938,307; Dec. 5.
- Valve seating device. C. C. Farmer. 1,920,939; Aug. 1.
- Valve seating device. E. E. Hewitt. 1,914,601; June 20.
- Valve service rack. D. P. Murphy. 1,907,435; May 9.
- Valve silencing construction. I. H. Reindel. 1,915,694; June 27.
- Valve spring. K. Pfeiffer. 1,905,498; Apr. 25.
- Valve spring compressing tool. F. Hund. 1,896,239; Feb. 7.
- Valve spring compressor. W. F. Pioch. 1,908,785; May 16.
- Valve spring lifter. H. A. Berkman. 1,897,030; Feb. 14.
- Valve-spring lifter. H. W. Kulp and M. C. Dellinger. 1,913,084; June 6.
- Valve spring lifter. J. P. McCready. 1,895,198; Jan. 24.
- Valve spring lifter. W. J. Rowan. 1,893,962; Jan. 10.
- Valve spring retainer tool. C. W. Borland. 1,901,727; Mar. 14.
- Valve spring seat and retainer. W. T. Gorman. 1,930,894; Oct. 17.
- Valve spring split lock catcher. J. Sunnen. 1,910,572; May 23.
- Valve spring split lock catcher. J. Sunnen. 1,912,104; May 30.
- Valve stem. J. C. Crowley. 1,895,450; Jan. 31.
- Valve stem. J. C. Crowley. 1,903,395; Apr. 4.
- Valve stem. E. Eger. 1,931,649; Oct. 24.
- Valve stem and adapter. J. C. Crowley. 1,903,392; Apr. 4.
- Valve stem and low pressure signal switch, Indicating. C. A. Frank. 1,924,921; Aug. 29.
- Valve stem assembling machine. G. P. Fuller. 1,935,441; Nov. 14.
- Valve stem construction. J. C. Crowley. 1,923,775; Aug. 22.
- Valve stem guide, Auxiliary. F. G. Eisenbuth. 1,912,071; May 30.
- Valve structure. J. R. Coffman. 1,905,684; Apr. 25.
- Valve structure. J. R. Coffman. 1,910,947; May 23.
- Valve structure. A. J. Johnson. 1,922,685; Aug. 15.
- Valve structure. H. W. Taylor. 1,898,226; Feb. 21.
- Valve structure. J. R. Warren. 1,907,631; May 9.
- Valve structure. J. F. Werder. 1,910,909; May 23.
- Valve structure and producing same. W. G. Wilson. 1,909,479; May 16.
- Valve structure, Audion. A. Loppacker. 1,929,699; Oct. 10.

- Valve structure, Float. H. R. McPhail. 1,902,967; Mar. 28.
- Valve structure for flush tanks. W. U. Griffiths. 1,918,597; July 18.
- Valve structure for footballs, basket balls, and the like. M. Scudder. 1,923,890; Aug. 22.
- Valve structure for inspirators. H. B. Barber. 1,914,905; June 20.
- Valve system. W. Uebermuth. 1,912,024; May 30.
- Valve system and controller, Tank truck emergency. J. H. McEachern. 1,902,876; Mar. 28.
- Valve system for closing bottles, flasks, or like receptacles. M. I. Odell de Saettone. 1,927,774; Sept. 19.
- Valve system for hydraulic brakes, Safety. Q. H. Foster and C. C. Brock. 1,936,504; Nov. 21.
- Valve to seat, Holding slide. C. C. Farmer. 1,920,940; Aug. 1.
- Valve tool. C. Hawkins. 1,909,175; May 16.
- Valve tool. B. McKenna. 1,939,564; Dec. 12.
- Valve transmitters, Arrangement for. W. Buschbeck. 1,914,593; June 20.
- Valve transmitters connected with a load-equalizing tube, Arrangement for. R. Urtel. 1,906,501; May 2.
- Valve, valve seat, port, and cooling apparatus therefor. C. Balough. 1,909,926; May 23.
- Valve with a cooling device, Transmitting. C. Bol. 1,931,642; Oct. 24.
- Valve with centered heater, Electron. S. Loewe and E. Römhild. 1,893,953; Jan. 10.
- Valve with subdivision of the system supports affording heat protection. E. Römhild. 1,931,831; Oct. 24.
- Valved coupling. C. M. Terry. 1,927,448; Sept. 19.
- Valves. P. A. Kinzie. 1,919,165; July 18.
- Valves and cocks, Method of and machine for grinding in. K. Martin. 1,915,195; June 20.
- Valves and manhole covers, Device for lifting. J. J. Moylan. 1,933,884; Oct. 31.
- Valves and system embodying the same, Controlling. F. W. and G. A. Robertshaw. 1,912,727; June 6.
- Valves and system, Pumping. M. Muehl. 1,912,589; June 6.
- Valves and their operation. E. E. Littlefield. 1,893,627; Jan. 10.
- Valves, Apparatus for forging. H. H. Hager. 1,935,742; Nov. 21.
- Valves, Attachment to air brake pressure retaining. S. L. Joiner. 1,898,250; Feb. 21.
- Valves, Automatically and manually operable. H. L. McQuiston. 1,932,704; Oct. 31.
- Valves, Device for simultaneously opening a plurality of. C. Schäfer. 1,893,657; Jan. 10.
- Valves, Elimination of ripples in cascade coupled thermionic. E. O. Löfgren. 1,923,222; Aug. 22.
- Valves for distant operation of same, Attachment for rising stem. C. Hall, jr. 1,927,366; Sept. 19.
- Valves for explosion engines, Making. A. Ferrando and A. Zanzl. 1,904,430; Apr. 18.
- Valves, Mechanism for opening and closing. G. Kuwada. 1,933,740; Nov. 7.
- Valves, Mechanism for operating and controlling water. C. F. Ball. 1,908,810; May 16.
- Valves, Operating mechanism for. S. R. Tymstra. 1,922,874; Aug. 15.
- Valves, Relief device for. M. S. McKeller. 1,932,471; Oct. 31.
- Valves, Screw type mechanical lash adjuster for. G. P. Berry. 1,905,888; Apr. 25.
- Vane rim for turbines. F. Ljungström. 1,897,172; Feb. 14.
- Vanity box. G. C. Fullmer. 1,925,316; Sept. 5.
- Vanity case. H. Batchelor. 1,900,089; Mar. 7.
- Vanity case. E. M. Coleman. 1,909,457; May 16.
- Vanity case. C. N. Coryell. 1,910,522; May 23.
- Vanity case. B. H. Krueger. 1,931,004; Oct. 17.
- Vanity case. A. Mitchell. 1,930,532; Oct. 17.
- Vanity case. R. P. Ridges. Des. 90,142; June 13.
- Vanity case. E. S. Tipton. 1,896,117; Feb. 7.
- Vanity case. I. Winsette. 1,930,785; Oct. 17.
- Vanity case and analogous article. D. H. Zell. 1,931,216; Oct. 17.
- Vanity case, cigarette case, and analogous article. N. Ottinger and R. Lhomme. 1,898,886; Feb. 21.
- Vanity case, Combination. G. G. Odom. 1,912,215; May 30.
- Vanity case or compact. T. J. Lewis. 1,897,522; Feb. 14.
- Vanity case or similar article. R. P. Ridges. Des. 90,957; Oct. 31.
- Vanity case, Refillable. W. F. Winning. 1,894,210; Jan. 10.
- Vanity console. L. Guild. Des. 91,112; Nov. 28.
- Vanity ensemble. L. Guild. Des. 91,111; Nov. 28.
- Vanity stand. L. Guild. Des. 91,113; Nov. 28.
- Vapor burner. G. L. Hogan. 1,910,163; May 23.
- Vapor circulating attachment for bathtubs. C. D. Frech and F. F. Jueschke. 1,922,798; Aug. 15.
- Vapor condenser. O. A. Lindemann. 1,894,696; Jan. 17.
- Vapor discharge device. M. Ulrich. 1,902,110; Mar. 21.
- Vapor discharge device, Thermionic. P. L. Spencer. 1,923,335; Aug. 22.
- Vapor electric device. W. G. Moran. 1,895,858; Jan. 31.
- Vapor electric device. D. C. Prince. 1,894,120; Jan. 10.
- Vapor electric discharge device. C. Kramer. 1,920,753; Aug. 1.
- Vapor fractionation, Apparatus for. J. C. Morrell and J. G. Alther. 1,904,380; Apr. 18.
- Vapor generating unit. H. J. Kerr and H. E. Melton. 1,919,335; July 25.
- Vapor generator. H. J. Kerr. 1,922,664; Aug. 15.
- Vapor generator. L. A. Wilson. 1,927,107; Sept. 19.
- Vapor phase reactions, Carrying out exothermic. A. O. Jaeger. 1,900,715; Mar. 7.
- Vapor purifier. W. J. Hughes, W. H. Green, and A. B. Hodges. 1,897,727; Feb. 14.
- Vapor recovery. P. J. Carlisle and R. P. Ward. 1,905,900; Apr. 25.
- Vapor rectifier, Metallic. A. Gaudenzi and J. Jonas. 1,912,034; May 30.
- Vapor regulator. E. A. Russell and P. B. Parks. 1,894,360; Jan. 17.
- Vapor regulator and supporting same. E. A. Russell. 1,897,215; Feb. 14.
- Vaporizable constituents from liquids or pasty or solid matters, Apparatus for the removal of. J. Braback. 1,933,960; Nov. 7.
- Vaporizer. F. R. Erbach. 1,894,349; Jan. 17.
- Vaporizer. N. Lawner and S. Duberstein. 1,913,124; June 6.
- Vaporizer. C. E. Lewis, W. H. McLelland, and R. Ferris. 1,909,973; May 23.
- Vaporizer. J. Robinson. 1,913,059; June 6.
- Vaporizer. J. Robinson. 1,940,920; Dec. 26.
- Vaporizer. C. F. Schub. 1,920,599; Aug. 1.
- Vaporizer, Electric. M. Katzman. 1,922,958; Aug. 15.
- Vaporizer, Electric. M. Katzman. 1,927,316; Sept. 19.
- Vaporizer, Electric. J. Robinson. 1,934,887; Nov. 14.
- Vaporizer, Electrical. J. Robinson. 1,911,468; May 30.
- Vaporizer, Electrical. J. Robinson. 1,939,921; Dec. 19.
- Vaporizer for refrigerating apparatus. F. G. Slagel. 1,929,936; Oct. 10.
- Vaporizer or similar article. H. W. Bergman. Des. 89,462; Mar. 14.
- Vaporizer, Portable power. F. G. White. 1,896,382; Feb. 7.
- Vaporizer with liquid spraying or diffusing means, Electric. S. Duberstein and N. Lawner. 1,933,245; Oct. 31.
- Vaporizing. J. J. Grebe. 1,895,220; Jan. 24.
- Vaporizing apparatus. A. Curioni. Re19,026; Dec. 12.
- Vaporizing apparatus. W. H. Lapp. 1,922,771; Aug. 15.
- Vaporizing apparatus and means for controlling vapor pressure thereof. W. H. Allen, C. F. Ritchie, and W. A. Gale. 1,909,447; May 16.
- Vaporizing device for internal combustion engines. P. W. and G. Easthope. 1,936,229; Nov. 21.
- Vaporizing device for internal combustion engines. C. Stimetza. 1,897,344; Feb. 14.
- Vaporizing machine. W. Hamlet. 1,917,712; July 11.
- Vaporizing system for commercial liquefied hydrocarbons. E. E. Porter. 1,917,154; July 4.
- Vapors by means of a hydropneumatic liquid such as sulphuric acid in a vacuum, Apparatus for absorbing aqueous. P. Schlumbohm. 1,894,893; Jan. 17.
- Vapors, Fractionating. J. S. Wallis. 1,913,465; June 13.
- Vapors from gases by refrigeration, Separating. M. Fränkl. 1,936,622; Nov. 28.
- Vapors from incompressible gas, Recovering condensable. J. C. Morrell. 1,897,618; Feb. 14.
- Vapors, Method and apparatus for condensing. W. E. Lummus. 1,913,602; June 13.
- Vapors of volatile liquids, Absorbing and recovering. H. L. Barthelemy. 1,894,508; Jan. 17.
- Vapors, Process and apparatus for generating. H. C. Heaton. 1,905,283; Apr. 25.
- Variable-color lamp. M. A. D. Scherfee. 1,930,774; Oct. 17.
- Variable condenser. D. F. Asbury. 1,903,157; Mar. 28.
- Variable condenser. G. F. Behringer. 1,934,907; Nov. 14.
- Variable condenser. S. Cohen. 1,895,540; Jan. 31.
- Variable condenser. S. Cohen. 1,911,989; May 30.
- Variable condenser. E. G. Danielson. 1,908,694; May 16.
- Variable condenser. W. H. Hoffman. 1,938,334; Dec. 5.
- Variable condenser. E. Mullner. 1,904,165; Apr. 18.
- Variable condenser. C. E. Parcell. 1,905,601; Apr. 25.
- Variable condenser. G. E. M. Pontonnier. 1,931,677; Oct. 24.
- Variable condenser. C. F. Woll. 1,925,828; Sept. 5.
- Variable coupling. R. Mangold. 1,922,596; Aug. 15.
- Variable impedance. R. C. Da Costa. 1,926,196; Sept. 12.
- Variable load brake. E. K. Lynn. 1,932,080; Oct. 24.
- Variable speed alternating current motor. A. B. Chew. 1,919,774; July 25.
- Variable speed gear. A. H. M. Basart. 1,909,801; May 16.
- Variable speed gear. F. Gray. 1,926,279; Sept. 12.
- Variable speed gear. P. Laing. 1,911,156; May 23.
- Variable-speed mixing machine. F. X. and E. J. Lauterbur. 1,905,114; Apr. 25.
- Variable stroke engine. J. C. Peterson. 1,931,705; Oct. 24.
- Vari-voltage control system for movable bridges. W. R. Wickerham. 1,939,093; Dec. 12.
- Varnish. C. C. Kesler. 1,894,374; Jan. 17.
- Varnish. M. Phillips. 1,899,526; Feb. 28.
- Varnish, Conducting. H. Schuhmann. 1,913,214; June 6.
- Varnish-like material and producing the same. J. P. A. McCoy. 1,894,626; Jan. 17.
- Varnish, Spirit. H. Schladebach and H. Hable. 1,941,058; Dec. 26.

- Varnish, Wrinkle finish. G. H. Burgman. 1,934,034; Nov. 7.
- Varnishes and priming compounds, Manufacture of. E. W. Frenkel and A. Brust. 1,936,230; Nov. 21.
- Varnishes, Spirit. H. Schladebach and H. Hähle. 1,925,208; Sept. 5.
- Vase. T. F. and H. G. Haskins. Des. 90,979; Nov. 7.
- Vat, Acid. H. E. Fritz. 1,899,413; Feb. 28.
- Vat and coating therefor, Pickling. W. E. Smith. 1,920,486; Aug. 1.
- Vat for wet treating of lengths of fabric. H. Leppin. 1,913,601; June 13.
- Vault. H. I. McArthur. 1,915,025; June 20.
- Vault, Burial. F. Biszantz. Des. 89,739; May 2.
- Vault, Burial. W. C. Broughton. 1,934,522; Nov. 7.
- Vault, Burial. J. D. Canedy. 1,934,036; Nov. 7.
- Vault, Burial. T. H. Clark. 1,924,027; Aug. 22.
- Vault, Burial. L. Cochran. 1,899,312; Feb. 28.
- Vault, Burial. H. Cohen. Des. 90,397-8; Aug. 1.
- Vault, Burial. H. Cohen. 1,898,938; Feb. 21.
- Vault, Burial. R. S. Cram. Des. 90,970; Nov. 7.
- Vault, Burial. E. Dancer. 1,901,149; Mar. 14.
- Vault, Burial. S. B. Elmore. 1,909,938; May 23.
- Vault, Burial. A. C. Fritz. Des. 90,280; July 11.
- Vault, Burial. L. E. Geesey. D. W. Ferguson, and F. M. Coquillette. 1,937,647; Dec. 5.
- Vault, Burial. J. Kincaid. 1,912,279; May 30.
- Vault, Burial. H. W. Loresch. 1,932,792; Oct. 31.
- Vault, Burial. A. V. Milnes. 1,903,747; Apr. 11.
- Vault, Burial. H. W. Mitchell. 1,928,671; Oct. 3.
- Vault, Burial. G. E. Nagel. 1,920,101; July 25.
- Vault, Burial. C. R. Neff. 1,923,792; Aug. 22.
- Vault, Burial. A. F. H. Scott. Des. 90,264; July 4.
- Vault, Burial. R. F. Tracht. Des. 89,804; May 2.
- Vault closure, Burial. C. J. Wegner. 1,929,341; Oct. 3.
- Vault, Grave. C. H. Hiser. Des. 90,076; June 6.
- Vault, Grave. J. A. Jensen. 1,906,318; May 2.
- Vault, Grave. J. W. Powell and J. R. Burkhardt. 1,894,118; Jan. 10.
- Vault, Grave. E. H. Scott. Des. 90,820; Oct. 3.
- Vault, Grave. C. J. Streib. 1,923,956; Aug. 22.
- Vault mold, Burial. E. J. Brutsche. 1,897,603; Feb. 14.
- Vault or similar article, Grave. A. F. Beck. Des. 90,563; Aug. 29.
- Vault ventilator. L. A. Kahn and F. L. Pearson. 1,928,381; Sept. 26.
- Vegetable and orchard heater. E. B. Wood. 1,919,407; July 25.
- Vegetable condensation products, Manufacture of. A. Haverlander. 1,941,349; Dec. 26.
- Vegetable cutter. M. J. Brown. 1,932,508; Oct. 31.
- Vegetable cutter. J. H. Stansbury. 1,937,850; Dec. 5.
- Vegetable cutting machine. C. Heilingner. 1,899,867; Feb. 28.
- Vegetable fibers and the products resulting therefrom, Extraction and treatment. E. V. Hayes-Gratz. 1,913,202; June 6.
- Vegetable fibers to separate and recover the fibrous and nonfibrous constituents, Treatment of. A. Haverlander. 1,941,350; Dec. 26.
- Vegetable, fibrous material and resulting product, Treating. G. Heberlein and A. Bodmer. 1,896,620; Feb. 7.
- Vegetable foodstuffs, Retardation of rancidity in. E. Cox. 1,938,999; Dec. 12.
- Vegetable hiller. J. Dias. 1,939,958; Dec. 19.
- Vegetable or artificial fibers or fiber material, Treating. M. Freiberger. 1,927,963; Sept. 19.
- Vegetable phosphatides, Refinement of. H. Bollmann and A. Schwieger. 1,893,393; Jan. 3.
- Vegetable slicing mechanism. L. Frank. 1,900,491; Mar. 7.
- Vegetables and the like, Dehydrating. W. H. Bozarth. 1,900,974; Mar. 14.
- Vegetables, Canning. J. N. Sharma. 1,908,795; May 16.
- Vegetables, Packing iced. J. H. Grande. 1,895,319; Jan. 24.
- Vehicle. W. C. Brown. 1,895,750; Jan. 31.
- Vehicle. J. Z. A. Deninson. 1,928,412; Sept. 26.
- Vehicle. J. Glnsberg. 1,917,932; July 11.
- Vehicle. C. A. Hawkins, H. L. Hirschler, and M. Lothrop. 1,905,114; Apr. 25.
- Vehicle. W. C. Nabors. 1,895,170; Jan. 24.
- Vehicle. C. B. O'Connor. 1,898,567; Feb. 21.
- Vehicle. H. A. and H. W. Reinhart, and J. Wadsworth. 1,897,277; Feb. 14.
- Vehicle. P. T. Robin. 1,894,633; Jan. 17.
- Vehicle. P. T. Robin. 1,923,397; Aug. 22.
- Vehicle. P. T. Robin. 1,936,954; Nov. 28.
- Vehicle. R. B. Stinning. 1,900,590; Mar. 7.
- Vehicle. J. B. Strauss. 1,934,385; Nov. 7.
- Vehicle, Aerial. I. Sikorsky. 1,898,644; Feb. 21.
- Vehicle and braking systems therefor, Aerial. P. Hallot. 1,932,094; Oct. 24.
- Vehicle and driving means therefor, Six wheel automotive. M. Leupold. 1,914,266; June 13.
- Vehicle and support, Combined child's. F. Magusin. 1,915,234; June 20.
- Vehicle and the like. B. Levy and H. J. Hanson. 1,937,900; Dec. 5.
- Vehicle antbackward movement device, Motor. G. C. Hildebe. 1,912,771; June 6.
- Vehicle, Apparatus for cooling a passenger. H. E. Norviel. 1,941,363; Dec. 26.
- Vehicle attachment, Motor. W. A. Rarig. 1,907,288; May 2.
- Vehicle, Automotive. W. E. Boyette. 1,904,611; Apr. 18.
- Vehicle, Automotive. N. B. Geddes. Des. 90,577; Aug. 29.
- Vehicle, Automotive. A. I. Marcum. 1,932,417; Oct. 31.
- Vehicle bed attachment, Motor. W. A. Scott. 1,917,777; July 11.
- Vehicle body. R. L. Carr. 1,931,572; Oct. 24.
- Vehicle body construction. J. Ledwinka. 1,930,483; Oct. 17.
- Vehicle body, Convertible. L. Gordon. 1,933,623; Nov. 7.
- Vehicle body framework. H. Arquint. 1,937,183; Nov. 28.
- Vehicle bodies, Cowl pillar for. F. J. Kubler. 1,907,832; May 9.
- Vehicle bodies, Rear end construction for. F. E. Watts. 89,574; Apr. 4.
- Vehicle body. R. L. Carr. 1,909,169; May 16.
- Vehicle body. R. L. Carr. 1,913,583; June 13.
- Vehicle body. R. L. Carr. 1,923,077; Aug. 22.
- Vehicle body. C. E. Hoyme. 1,910,166; May 23.
- Vehicle body. E. H. Reeves. 1,904,031; Apr. 18.
- Vehicle body. S. A. West. 1,923,466; Aug. 22.
- Vehicle body. E. A. Wright. Re 18,866; June 13.
- Vehicle body, Applying a metal stripe to a. R. B. De Long. 1,908,226; May 9.
- Vehicle body construction. J. Ledwinka. 1,908,517; May 9.
- Vehicle body construction. G. K. Lewis. 1,894,356; Jan. 17.
- Vehicle body construction. H. J. Woodall and M. S. Randall. 1,914,003; June 13.
- Vehicle body, Convertible. S. H. H. Kuenzel. 1,894,103; Jan. 10.
- Vehicle body door construction. J. A. Olivier. 1,907,563; May 9.
- Vehicle body door stiffener. A. G. Herreshoff. 1,902,499; Mar. 21.
- Vehicle body for transporting mixed concrete. A. E. Miller. 1,920,149; July 25.
- Vehicle body, Frameless. G. K. Lewis. 1,910,397; May 23.
- Vehicle body front construction. J. Ledwinka. 1,918,410; July 18.
- Vehicle body having a collapsible head. H. Austin. 1,893,351; Jan. 3.
- Vehicle body having collapsible head, Motor. H. Austin. 1,893,349-50; Jan. 3.
- Vehicle body, House-to-house delivery. J. Nicol. Des. 1,904,841; Apr. 18.
- Vehicle body, Tourist. B. J. Tegethoff. 1,908,078; May 9.
- Vehicle brake. V. G. Apple. 1,922,518; Aug. 15.
- Vehicle brake. V. G. Apple. 1,924,046; Aug. 22.
- Vehicle brake. H. N. Charles. 1,910,590; May 23.
- Vehicle brake. G. J. Earnest. 1,940,643; Dec. 19.
- Vehicle brake. E. Hopkins. 1,939,701; Dec. 19.
- Vehicle brake. L. E. La Brie. 1,913,932; June 13.
- Vehicle brake. H. H. Linn. 1,903,629; Apr. 11.
- Vehicle brake. W. H. Moseley. 1,925,399; Sept. 5.
- Vehicle brake. P. Mostaza. 1,897,853; Feb. 14.
- Vehicle brake. E. J. W. Ragsdale. 1,940,100; Dec. 19.
- Vehicle brake. F. M. Reid. 1,910,181; May 23.
- Vehicle brake. J. W. White. 1,895,561; Jan. 31.
- Vehicle brake, Automotive. S. J. Boughton and W. T. Hunt. 1,934,222; Nov. 7.
- Vehicle bumper bracket, Motor. H. B. Donley. Des. 91,103; Nov. 28.
- Vehicle, Cable reel transporting. J. Kuchar. 1,921,233; Aug. 8.
- Vehicle carried jack. G. E. Coffey. 1,928,368; Sept. 26.
- Vehicle chassis mechanism. E. P. du Pont and G. B. Weaver. 1,933,101; Oct. 31.
- Vehicle chassis spring structure. C. W. Miller and G. C. Goode. 1,913,939; June 13.
- Vehicle chassis structure. I. H. Judd. 1,934,129; Nov. 7.
- Vehicle, Child's. G. H. Barschow. 1,928,807; Oct. 3.
- Vehicle, Child's. H. T. Torneberg. Des. 91,254; Dec. 26.
- Vehicle, Compressed-air driven. R. B. Jose. 1,932,698; Oct. 31.
- Vehicle, Concrete mixing and transporting. S. Stepanian. 1,935,922; Nov. 21.
- Vehicle construction. F. M. Reid. 1,911,771; May 30.
- Vehicle construction, Armored. F. Luker. 1,913,554; June 13.
- Vehicle construction, Motor. H. E. Curtis. 1,893,324; Jan. 3.
- Vehicle construction, Motor. T. Ulrich. 1,913,524; June 13.
- Vehicle construction, Road. A. I. Marcum. 1,930,207; Oct. 10.
- Vehicle control. F. Stalzer and V. Koenig. 1,927,960; Sept. 26.
- Vehicle control, Air operated. C. A. Johansson. 1,903,699; Apr. 11.
- Vehicle control arrangement. R. L. Carr. 1,929,409; Oct. 10.
- Vehicle control mechanism. V. G. Apple. 1,936,149; Nov. 21.
- Vehicle control mechanism. V. G. Apple and W. H. Pettit. 1,904,943; Apr. 18.
- Vehicle control mechanism. E. J. and W. M. Sullivan. 1,897,537; Feb. 14.
- Vehicle, Delivery. E. R. Maurer and D. M. Ferguson. 1,899,265; Feb. 28.

- Vehicle, Device for preventing retrograde movement of a. J. L. Gonard. 1,911,686; May 30.
- Vehicle direction indicator. J. J. Curley. 1,930,193; Oct. 10.
- Vehicle, Display. P. R. Morrison. Des. 90,630; Sept. 5.
- Vehicle door hinge. Safety self-closing. C. H. Preston. 1,940,099; Dec. 19.
- Vehicle, Double deck passenger. M. J. Forrester. 1,905,842; Apr. 25.
- Vehicle, Double shell tank. F. C. Buchanan. 1,908,684; May 16.
- Vehicle draft appliance. J. Kuchar. 1,908,711; May 16.
- Vehicle drive. W. F. Rockwell. 1,918,932; July 18.
- Vehicle driving apparatus and system. F. W. Godsey, jr. 1,896,169-70; Feb. 7.
- Vehicle driving apparatus and system. F. W. Godsey, jr. 1,899,193; Feb. 28.
- Vehicle driving mechanism. A. I. Marcum. 1,924,646; Aug. 29.
- Vehicle, Drop center delivery. E. R. Maurer and D. M. Ferguson. 1,903,529; Apr. 11.
- Vehicle, Dump. C. P. Galanot. 1,907,784; May 9.
- Vehicle, Dump. C. P. Galanot. 1,909,341; May 16.
- Vehicle, Dumping. C. P. Galanot. 1,909,342; May 16.
- Vehicle, Dumping. B. V. Tucker. 1,940,193; Dec. 19.
- Vehicle, Dumping land. C. F. Higgins. 1,935,151; Nov. 14.
- Vehicle, Electric. H. D. Gumper. 1,924,851; Aug. 29.
- Vehicle, Electrically driven. S. S. Guy and W. A. Stevens. 1,899,683; Feb. 28.
- Vehicle, Endless track. A. Kégresse. 1,910,798; May 23.
- Vehicle, Endless track. A. Kégresse. 1,922,768; Aug. 15.
- Vehicle, Endless track. H. H. Talboys. 1,903,380; Apr. 4.
- Vehicle, Farm dumping. M. M. Silva. 1,940,025; Dec. 19.
- Vehicle for carrying aircraft parts and other loads. C. Cohen-Venezian. 1,893,227; Jan. 3.
- Vehicle for collecting containers. R. G. Palmer. 1,920,663; Aug. 1.
- Vehicle for collection and hauling of garbage. J. W. Silver. 1,920,485; Aug. 1.
- Vehicle for pneumatic tools. A. F. and P. F. Hohmann and M. M. Campbell. 1,898,369; Feb. 21.
- Vehicle for the collection of and the compressing of refuse and the like. L. F. Kayel. 1,908,899; May 16.
- Vehicle frame. S. R. Thomas. 1,894,602; Jan. 17.
- Vehicle headlamp, Motor. W. H. Chapman. Re18,879; June 27.
- Vehicle heater. C. W. Darrah and J. R. Holmes. 1,928,094; Sept. 26.
- Vehicle heater, Automotive. A. J. Mueller. 1,910,401; May 23.
- Vehicle heater, Motor. P. Mayhew. 1,893,059; Jan. 3.
- Vehicle heater, Motor. W. H. Nicholson. 1,926,629; Sept. 12.
- Vehicle, Heavy duty. C. A., L. J., and H. L. Rogers. 1,905,242; Apr. 25.
- Vehicle hood locking means. A. T. Tufo. 1,933,267; Dec. 5.
- Vehicle indicator light. H. Witherow. Des. 90,827; Oct. 3.
- Vehicle jack. J. H. Burkholder. 1,906,365; May 2.
- Vehicle jack. M. K. McCosh. 1,922,549-52; Aug. 15.
- Vehicle jack. H. Redding. 1,918,783; July 18.
- Vehicle jack. F. H. Smith. 1,937,170; Nov. 28.
- Vehicle lift. P. I. Scholtz. 1,928,465; Sept. 26.
- Vehicle lift. L. C. Stukenborg. 1,940,891; Dec. 26.
- Vehicle lift. W. N. Todd. 1,938,550; Dec. 5.
- Vehicle lifting and rotating apparatus. J. A. and F. Potvin. 1,930,959; Oct. 17.
- Vehicle lifting device. La F. Myers and C. S. Preston. 1,904,693; Apr. 18.
- Vehicle lighting fixture. D. Di Carlo. 1,922,617; Aug. 15.
- Vehicle, Load carrying. H. Gray. 1,894,311; Jan. 17.
- Vehicle location indicator. L. F. Troxel. 1,913,252; June 6.
- Vehicle, Manually propelled. J. M. Porter. 1,937,245; Nov. 28.
- Vehicle, Milk delivery motor. G. M. Bacon. 1,925,893; Sept. 5.
- Vehicle, Motor. H. W. Alden. 1,935,602; Nov. 21.
- Vehicle, Motor. H. D. Church. 1,921,660; Aug. 8.
- Vehicle, Motor. D. Fergusson. 1,900,439; Mar. 7.
- Vehicle, Motor. W. R. Griswold. 1,913,803; June 13.
- Vehicle, Motor. E. C. Hoffman. 1,934,191; Nov. 7.
- Vehicle, Motor. J. Holan. 1,923,785; Aug. 22.
- Vehicle, Motor. A. L. Knapp. 1,899,276; Feb. 28.
- Vehicle, Motor. A. L. Knapp. 1,899,443; Feb. 28.
- Vehicle, Motor. G. A. Millard. 1,932,798; Oct. 31.
- Vehicle, Motor. A. H. Mitchell. 1,924,797; Apr. 29.
- Vehicle, Motor. A. Moorhouse. 1,903,595; Apr. 11.
- Vehicle, Motor. A. Moorhouse. 1,920,425; Aug. 1.
- Vehicle, Motor. A. Moorhouse. 1,923,225; Aug. 22.
- Vehicle, Motor. M. B. Morgan. 1,908,708; May 2.
- Vehicle, Motor. L. G. Nicholson. 1,938,606; Nov. 28.
- Vehicle, Motor. L. G. Nicholson. 1,938,972; Dec. 12.
- Vehicle, Motor. E. G. Purdy. 1,917,460; July 11.
- Vehicle, Motor. E. J. W. Ragsdale. Des. 90,168; June 20.
- Vehicle, Motor. K. A. Simmon. 1,921,588; Aug. 8.
- Vehicle, Motor. W. Staniewicz. 1,900,773; Mar. 7.
- Vehicle, Motor. M. Tibbetts. 1,921,552; Aug. 8.
- Vehicle, Motor. M. Tibbetts. 1,930,067; Oct. 10.
- Vehicle, Motor. J. G. Vincent. 1,925,123; Sept. 5.
- Vehicle, Motor. O. F. Warhus. 1,894,075; Jan. 10.
- Vehicle, Motor. J. A. Winger. 1,925,126; Sept. 5.
- Vehicle, Motor delivery. G. M. Bacon. 1,911,872; May 30.
- Vehicle, Motor driven. R. T. Osman. 1,933,873; Nov. 7.
- Vehicle, Motor road. C. D. Burney. 1,903,693; Apr. 11.
- Vehicle, Motor road. C. D. Burney. 1,903,694; Apr. 11.
- Vehicle, Multiwheel road. R. B. Fageol. 1,913,799; June 13.
- Vehicle, Multiwheel road. R. B. Fageol. 1,924,984; Aug. 29.
- Vehicle of the tandem axle type, Multiwheel. R. B. Fageol. 1,926,274; Sept. 12.
- Vehicle parking and storage system, Motor. N. S. Black and W. V. Casgrain. 1,915,973; June 27.
- Vehicle parking device. A. R. McCann. 1,914,643; June 20.
- Vehicle, Power-driven. H. Ledwinka. 1,905,594; Apr. 25.
- Vehicle propelling mechanism. R. L. Newton. 1,930,823; Oct. 17.
- Vehicle propulsion and control system. H. H. Cutler. 1,919,181; July 18.
- Vehicle provided with four independent wheels, Motor. R. J. Devillers. 1,915,649; June 27.
- Vehicle rims, Manufacture of. A. W. Woodward. 1,938,614; Dec. 12.
- Vehicle, Road and rail. E. H. Serrano. 1,938,049; Dec. 5.
- Vehicle safety system, Motor. F. C. Overbury. 1,927,444; Sept. 19.
- Vehicle seat. A. H. Ackerman. 1,899,927; Mar. 7.
- Vehicle seat. L. B. Harris. 1,905,588; Apr. 25.
- Vehicle seat. S. Switzer. 1,936,973; Nov. 28.
- Vehicle seat. M. H. Toncray and J. W. Greig. 1,916,346; July 4.
- Vehicle seat, Convertible. P. Turk. 1,898,912; Feb. 21.
- Vehicle, Self-propelled. A. G. Gutierrez. 1,915,886; June 27.
- Vehicle, Self-propelled. F. Ljungstrom. 1,923,102; Aug. 22.
- Vehicle, Self-propelled. W. L. Pinson. 1,896,419; Feb. 7.
- Vehicle, Self-propelled road. E. T. J. and P. J. B. Tapp. 1,917,469; July 11.
- Vehicle shipping device. A. W. Leet. 1,923,382; Aug. 22.
- Vehicle side signal. F. E. Gragg and L. B. Cohn. 1,921,290; Aug. 8.
- Vehicle signal. G. S. George. Des. 91,190; Dec. 19.
- Vehicle signal. J. S. Graham. 1,893,547; Jan. 10.
- Vehicle signal. W. V. Lane. 1,922,592; Aug. 15.
- Vehicle signal. C. T. Ludwig. 1,926,105; Sept. 12.
- Vehicle signal. F. S. Nawrocki. 1,909,707; May 16.
- Vehicle signal. F. M. and C. J. Walz. 1,915,505; June 27.
- Vehicle signal, Rear motor. J. R. Haines. 1,894,173; Jan. 10.
- Vehicle signaling device. H. M. Hamer. 1,941,300; Dec. 26.
- Vehicle, Snow. O. R. Steele. 1,916,643; July 4.
- Vehicle spring. C. F. Clemens and A. H. Kemper. 1,909,612; May 16.
- Vehicle spring. G. E. Porter. 1,893,150; Jan. 3.
- Vehicle spring. G. W. Veale. 1,941,331; Dec. 26.
- Vehicle spring casing, Flexible. G. W. Crabtree. 1,925,862; Sept. 5.
- Vehicle spring controlling means. G. H. Taber. 1,897,538; Feb. 14.
- Vehicle spring suspension. A. F. Hickman. 1,934,670; Nov. 7.
- Vehicle spring suspension. D. C. Roos. 1,919,670; July 25.
- Vehicle steering gear. H. P. Dorn. 1,896,292; Feb. 7.
- Vehicle steering wheel. W. E. Webb. 1,936,037; Nov. 21.
- Vehicle storage system. S. E. Buettell and J. Gruenfeld. 1,937,189; Nov. 28.
- Vehicle substructure. A. E. L. Chorlton. 1,922,197; Aug. 15.
- Vehicle support, Pneumatic. A. E. Forsyth. 1,915,303; June 27.
- Vehicle suspension. A. Dubonnet. 1,892,937; Jan. 3.
- Vehicle suspension device. L. Granges. 1,903,966; Apr. 18.
- Vehicle suspension means. I. H. Judd. 1,934,128; Nov. 7.
- Vehicle suspension, Resilient. H. Coubrough. 1,918,452; July 18.
- Vehicle suspension, Springless multiwheel. A. I. Marcum. 1,930,208; Oct. 10.
- Vehicle traffic indicator. A. J. Wehr, J. W. Sheeres and A. V. Eliot. 1,892,860; Jan. 3.
- Vehicle, Trailer. I. M. Chambers. 1,923,255; Aug. 22.
- Vehicle, Trailer. F. Jacquet. 1,896,584; Feb. 7.
- Vehicle trailer. W. C. Nabors. 1,915,864; June 27.
- Vehicle transmission, Motor. W. R. Griswold. 1,907,794; May 9.
- Vehicle transport. I. H. Judd. 1,925,535; Sept. 5.
- Vehicle undercarriage testing and adjusting device. R. K. Cadwell and W. H. Winheim. 1,908,317; May 9.
- Vehicle washing and polishing apparatus. T. A. Mackin. 1,931,444; Oct. 17.
- Vehicle wheel. V. G. Apple. 1,893,834; Jan. 10.
- Vehicle wheel. W. N. Booth. 1,901,077; Mar. 14.
- Vehicle wheel. W. N. Booth. 1,903,567; Apr. 11.
- Vehicle wheel. W. N. Booth. 1,906,307; May 2.
- Vehicle wheel. P. M. Bourdon. 1,901,078; Mar. 14.
- Vehicle wheel. J. L. Brownell. 1,912,756; June 6.
- Vehicle wheel. H. C. Bullard. 1,919,683; July 25.
- Vehicle wheel. W. K. Burgess. 1,906,737; May 2.

- Vehicle wheel. C. L. Eksergian and T. A. Davenport. Des. 89,297-8; Feb. 21.
- Vehicle wheel. A. Günzel. 1,896,138; Feb. 7.
- Vehicle wheel. C. G. Keller. 1,893,947; Jan. 10.
- Vehicle wheel. C. G. Keller. 1,896,794; Feb. 7.
- Vehicle wheel. C. G. Keller. 1,896,821; Feb. 7.
- Vehicle wheel. E. A. Nelson. 1,921,131; Aug. 8.
- Vehicle wheel. G. A. Peacock. 1,940,012; Dec. 19.
- Vehicle wheel. W. Qualey and R. H. Tyrrell. 1,927,446; Sept. 19.
- Vehicle wheel. W. D. Sargent and C. G. Keller. 1,896,803; Feb. 7.
- Vehicle wheel. M. W. Thompson. 1,893,154; Jan. 3.
- Vehicle wheel. H. B. Townsley. 1,903,398; Apr. 4.
- Vehicle wheel. J. H. Wagenhorst. 1,916,747; July 4.
- Vehicle wheel. J. H. Wagenhorst. 1,925,738; Sept. 5.
- Vehicle wheel. J. H. Wagenhorst. 1,938,235; Dec. 5.
- Vehicle wheel. J. H. Wagenhorst. 1,939,935; Dec. 19.
- Vehicle wheel. E. F. Waterbor. 1,912,110; May 30.
- Vehicle wheel. W. T. White. 1,894,248; Jan. 10.
- Vehicle wheel. W. T. White. 1,913,352; June 6.
- Vehicle wheel. A. W. Woodward. 1,894,251; Jan. 10.
- Vehicle wheel closure. H. W. Kranz. Des. 89,824-5; May 9.
- Vehicle wheel, Elastic. V. H. Nalinne. 1,911,524; May 30.
- Vehicle, Wheeled. L. W. Wolfe. 1,921,597; Aug. 8.
- Vehicle with armored front ends, Railway. M. Tessmer. 1,915,770; June 27.
- Vehicle with endless track tensioning means. G. S. Knickerbocker. 1,894,619; Jan. 17.
- Vehicle with radio equipment, Automotive. J. W. Hobbs. 1,902,802; Mar. 21.
- Vehicles and the like, Device for the transportation and transposition of. A. Bottini. 1,896,063; Feb. 7.
- Vehicles and the like, Transporting. I. H. Judd. 1,901,103; Mar. 14.
- Vehicles and the like, Transporting. I. H. Judd. 1,925,536; Sept. 5.
- Vehicles, Antishimmying structure for. E. Shay. 1,905,513; Apr. 25.
- Vehicles, Antiskid device for. C. J. Carlson. 1,909,609; May 16.
- Vehicles, Attachment for. E. Wallace. 1,905,323; Apr. 25.
- Vehicles, Braking. G. L. Ertz. 1,940,712; Dec. 26.
- Vehicles, Clear vision attachment for motor. E. W. Grudnicki. 1,894,862; Jan. 17.
- Vehicles, Device for cleaning. H. Gorke and C. Neuhaus. 1,914,739; June 20.
- Vehicles, Device for covering manually controllable parts of motor. R. B. M. Bennett. 1,927,913; Sept. 26.
- Vehicles, Device for pushing. H. Christiansen. 1,913,792; June 13.
- Vehicles, Folding hood for. C. G. Higgins. 1,915,313; July 4.
- Vehicles, Foot throttle for motor. L. Jacoby. 1,917,036; July 4.
- Vehicles, Jacking of motor and other. F. A. Hamilton. 1,930,802; Oct. 17.
- Vehicles, Mechanism for locking. W. H. Staples. 1,940,979; Dec. 26.
- Vehicles on railway tracks, Apparatus for guiding endless-track. T. Kossakowski. 1,933,811; Nov. 7.
- Vehicles, Parking self propelled. J. H. Moffat. 1,928,946; Oct. 3.
- Vehicles, Resilient suspension for. A. G. Rayburn. 1,912,498; June 6.
- Vehicles, Storing motor. H. K. Wheeler. 1,939,637; Dec. 12.
- Vehicles, System for communicating with moving. C. W. Green. 1,934,423; Nov. 7.
- Vehicles, System for preventing the derailment of screw-driven. M. G. Cornet. 1,900,914; Mar. 14.
- Vehicles, Treating food-carrying. J. E. Shepherd. 1,934,826; Nov. 14.
- Veil. M. J. Hinlein. 1,902,957; Mar. 28.
- Veil, Cap. K. S. Jordan. 1,933,477; Oct. 31.
- Veils, Forming. C. Blumberg. 1,934,162; Nov. 7.
- Velocipede. B. J. Anderson and R. T. Turner. Des. 90,009; May 30.
- Velocipede. A. C. Korte. Des. 89,898; May 16.
- Velocipede, Child's. F. A. Nauts. 1,932,251; Oct. 24.
- Velocity-measuring apparatus. W. B. Heinz. 1,935,445; Nov. 14.
- Velvet, Weft-pile. L. Hayes. 1,898,050; Feb. 21.
- Vender, Package. M. M. Marcuse. 1,913,843; June 13.
- Vending and advertising device, Combined. R. G. Hourienne. 1,939,010; Dec. 12.
- Vending and change making machine, Combined. L. J. Robb. 1,902,467; Mar. 21.
- Vending apparatus. W. K. Schauweker. 1,910,367; May 23.
- Vending device. H. H. McKee and C. T. Walter. 1,940,722; Dec. 26.
- Vending drum for coin controlled vending machines. A. M. Cramer. 1,905,083; Apr. 25.
- Vending machine. A. D. Antoine. 1,926,663; Sept. 12.
- Vending machine. A. D. Antoine and A. E. Gebert. 1,909,036; May 16.
- Vending machine. A. D. Antoine and A. E. Gebert. 1,925,685; Sept. 5.
- Vending machine. A. D. Antoine and A. E. Gebert. 1,926,662; Sept. 12.
- Vending machine. H. S. Benjamin. 1,924,102; Aug. 29.
- Vending machine. O. Berger. 1,909,039; May 16.
- Vending machine. C. W. Blossom and W. H. Staples. 1,902,612; Mar. 21.
- Vending machine. W. B. Brunton. 1,918,737; July 18.
- Vending machine. C. Bustamente. 1,899,667; Feb. 28.
- Vending machine. S. M. Campbell. 1,933,137; Oct. 31.
- Vending machine. G. E. Cook. 1,938,416; Dec. 5.
- Vending machine. F. C. Crowe. 1,913,917; June 13.
- Vending machine. J. F. Drummond. 1,923,478; Aug. 22.
- Vending machine. H. Giles. 1,919,017; July 18.
- Vending machine. H. Giles. 1,926,847-8; Sept. 12.
- Vending machine. L. B. Goodman. 1,935,773; Nov. 21.
- Vending machine. J. C. Gurath and P. Machut. 1,925,186; Sept. 5.
- Vending machine. H. J. Halsted and N. R. Briggs. 1,911,151; May 23.
- Vending machine. J. F. Hoover. 1,939,120; Dec. 12.
- Vending machine. J. L. Howard. Des. 88,968; Jan. 10.
- Vending machine. O. D. Jennings. Des. 90,158; June 20.
- Vending machine. B. and H. Leve. 1,938,843; Dec. 12.
- Vending machine. S. H. Love. 1,936,515; Nov. 21.
- Vending machine. T. C. Martin and W. D. Woodworth. 1,939,127; Dec. 12.
- Vending machine. J. H. McCormick and F. M. Bender. 1,922,253; Aug. 15.
- Vending machine. E. Mihalek. 1,923,945; Aug. 22.
- Vending machine. F. L. Mills. 1,925,199; Sept. 5.
- Vending machine. G. E. Nicholson. 1,940,603; Dec. 19.
- Vending machine. R. D. Parks and G. Hildenbrand. 1,897,072; Feb. 14.
- Vending machine. I. W. Penny. 1,900,074; Mar. 7.
- Vending machine. S. Pisano and J. Fardella. 1,899,478; Feb. 28.
- Vending machine. M. H. Richardson. 1,916,530; July 4.
- Vending machine. M. H. Richardson. 1,923,396; Aug. 22.
- Vending machine. M. H. Richardson. 1,925,676; Sept. 5.
- Vending machine. M. H. Richardson. 1,925,677; Sept. 5.
- Vending machine. M. H. Richardson. 1,927,502; Sept. 19.
- Vending machine. M. H. Richardson and A. E. Gebert. 1,903,067; Mar. 28.
- Vending machine. M. H. Richardson and A. E. Gebert. 1,912,160; May 30.
- Vending machine. M. H. Richardson and A. E. Gebert. 1,912,999; June 6.
- Vending machine. A. M. Robinson. 1,931,905; Oct. 24.
- Vending machine. H. F. Sedgebury. 1,931,741; Oct. 24.
- Vending machine. H. Swan. 1,935,134; Nov. 14.
- Vending machine. C. Walker. 1,918,154; July 11.
- Vending machine. W. V. Weirich. 1,923,130; Aug. 22.
- Vending machine. E. C. Whiting. 1,914,546; June 20.
- Vending machine attachment. J. E. Hartle. 1,905,169; Apr. 25.
- Vending machine attachment. G. A. Reiter. 1,914,980; June 20.
- Vending machine, Automatic. A. M. Robinson. 1,911,207; May 30.
- Vending machine, Automatic. L. P. Starkey. 1,902,915; Mar. 28.
- Vending machine casing. C. J. Gilmer. Des. 90,652; Sept. 12.
- Vending machine casing. J. F. Meyer. Des. 90,410; Aug. 1.
- Vending machine, Coin-controlled. E. Graf. 1,938,834; Dec. 12.
- Vending machine feed mechanism. H. S. Benjamin. 1,927,017; Sept. 19.
- Vending machine for newspapers. E. W. Niederstadt. 1,938,753; Dec. 12.
- Vending machine for roll material. F. S. Warner. 1,931,276; Oct. 17.
- Vending method and device. H. H. McKee and C. T. Walter. 1,940,005; Dec. 19.
- Veneer and a new article of veneer, Making. R. N. Hartzell. 1,921,184; Aug. 8.
- Veneer and a veneer machine, Making. R. N. Hartzell. 1,921,183; Aug. 8.
- Veneer joining machine. A. A. Dennis. 1,903,373; Apr. 4.
- Veneer, Method of and apparatus for making flexible. I. Horine. 1,902,032; Mar. 21.
- Veneer patch cutter. J. Peterson. 1,928,029; Sept. 26.
- Veneer to a backing and flattening the veneer, Gluing thin wood. A. Elmendorf. 1,894,218; Jan. 10.
- Veneering. J. Green. 1,894,171; Jan. 10.
- Vent cap, Screened. W. H. Rice and H. M. Lyon. 1,921,943; Aug. 8.
- Vent device. L. J. Thompson. 1,929,181; Oct. 3.
- Vent device for fermenting receptacles. L. J. Thompson. 1,912,739; June 6.
- Vent for nursing bottles. W. G. Kleins. 1,937,278; Nov. 28.
- Vent plug. H. E. McCrery and A. E. Jesser. 1,940,601; Dec. 19.
- Vent valve. W. N. Glab. 1,918,807; July 18.
- Ventilated motor. V. G. Apple. 1,908,101; May 9.
- Ventilating and air-conditioning apparatus. D. A. Sargent. 1,916,907; July 4.
- Ventilating and air conditioning device. R. B. Bourne and H. H. Maxim. 1,938,801; Dec. 12.
- Ventilating and cooling system for concrete dams or other heavy concrete constructions. G. Tocci. 1,922,561; Aug. 15.
- Ventilating and heating apparatus. W. F. Hirschman. 1,936,875; Nov. 28.
- Ventilating and heating system and method. A. W. Bruce. 1,933,541; Nov. 7.

- Ventilating apparatus. C. A. Bulkeley. 1,909,164; May 16.
- Ventilating apparatus. R. G. Ferris. 1,924,489; Aug. 29.
- Ventilating apparatus. P. West. 1,935,305; Nov. 14.
- Ventilating appliance. A. G. Oreat. 1,935,179; Nov. 14.
- Ventilating device. A. H. Robinson. 1,933,150; Oct. 31.
- Ventilating device. A. Sirl. 1,914,305; June 18.
- Ventilating device for subterranean spaces. F. Gerlach. 1,900,642; Mar. 7.
- Ventilating device for window sashes. C. V. Swanson. 1,935,254; Nov. 14.
- Ventilating means for refrigerators. G. A. Aylsworth. 1,900,855; Mar. 7.
- Ventilating means on ships or aircraft. M. Schirmer. 1,918,568; July 18.
- Ventilating strip for hats and the like. M. Popper. 1,895,392; Jan. 24.
- Ventilating system. G. de Bothezat. 1,903,983; Apr. 18.
- Ventilating system. H. S. Kaiser. 1,931,227; Oct. 17.
- Ventilating system. G. McCarthy. 1,935,456; Nov. 14.
- Ventilating system and apparatus. R. L. Wortham. 1,938,884; Dec. 12.
- Ventilating system for enclosed cars. W. T. Thorp. 1,898,859; Feb. 21.
- Ventilating system for grain storage bins. R. B. Brandl. 1,911,602; May 30.
- Ventilating system, One-unit. F. F. Wood. 1,921,900; Aug. 8.
- Ventilating unit. W. A. Zaloudek, A. F. Syverud and R. L. Sayre. 1,907,928; May 9.
- Ventilating unit for stoves. A. J. Briegel. 1,895,371; Jan. 24.
- Ventilation. P. S. Martin. 1,926,295; Sept. 12.
- Ventilation-controlling means for library stacks and like structures. J. G. L. Skar. 1,928,798; Oct. 3.
- Ventilation of rotor end coils of turbo-generators. C. J. Fechheimer. 1,927,890; Sept. 26.
- Ventilator. *See*—
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| Adjustable ventilator. | Sound intercepting ventilator. |
| Air deflecting ventilator. | Sound suppressing ventilator. |
| Automobile ventilator. | Storm sash ventilator. |
| Car ventilator. | Toilet bowl ventilator. |
| Closet bowl ventilator. | Toilet ventilator. |
| Continuous ridge ventilator. | Unit ventilator. |
| Cowl ventilator. | Vacuum automobile ventilator. |
| Crankcase ventilator. | Vault ventilator. |
| Goggle ventilator. | Window ventilator. |
| Pie ventilator. | |
| Rotary ventilator. | |
| Sash ventilator. | |
- Ventilator. J. Ajemian. 1,910,584; May 23.
- Ventilator. G. C. Breidert. 1,907,727; May 9.
- Ventilator. C. Cheater. 1,914,682; June 20.
- Ventilator. J. B. Clay. 1,913,974; June 13.
- Ventilator. K. G. Dornier. 1,912,264; May 30.
- Ventilator. E. H. Ellison. 1,904,654; Apr. 18.
- Ventilator. J. Galamb. 1,937,952; Dec. 5.
- Ventilator. W. F. Hirschman. 1,929,688; Oct. 10.
- Ventilator. E. W. Hornung. 1,905,394; Apr. 25.
- Ventilator. H. C. Hueglin. 1,927,833; Sept. 26.
- Ventilator. A. John. 1,906,158; Apr. 25.
- Ventilator. A. D. Meiselbach. 1,901,114; Mar. 14.
- Ventilator. H. S. Nowitsky. 1,905,599; Apr. 25.
- Ventilator. L. M. Persons. 1,931,156; Oct. 17.
- Ventilator. A. J. Richardson. 1,897,440; Feb. 14.
- Ventilator. H. W. Sievert. 1,933,216; Nov. 14.
- Ventilator. R. H. Stevens. 1,905,010; Apr. 25.
- Ventilator. F. A. Strawinsine. 1,911,932; May 30.
- Ventilator. C. O. Swanson. 1,934,337; Nov. 7.
- Ventilator. A. S. Weinstein. 1,910,942; May 23.
- Ventilator and sash fastener, Combined window. A. G. Eyring. 1,903,782; Apr. 18.
- Ventilator and silencer, Window. R. B. Bourne. 1,911,744; May 30.
- Ventilator and silencer, Window. R. B. Bourne. 1,938,797; Dec. 12.
- Ventilator and silencer, Window. R. B. Bourne. 1,938,800; Dec. 12.
- Ventilator and smoke pipe, Combination. J. B. Clay. 1,893,272; Jan. 3.
- Ventilator bracket. F. J. Plym. 1,914,728; June 20.
- Ventilator cap. D. Stainhofer. 1,920,918; Aug. 1.
- Ventilator fitting. J. R. Dickinson. 1,921,457; Aug. 8.
- Ventilator for cars. W. J. Pine and N. L. Willer. 1,941,186; Dec. 26.
- Ventilator for motor vehicle window. J. J. Foley. Des. 90,439; Aug. 8.
- Ventilator for vehicle bodies. K. H. Brownlee. 1,923,294; Aug. 22.
- Ventilator for windows, Silencing. R. B. Bourne. 1,938,798; Dec. 12.
- Ventilator noise deadener. G. E. Bradbury. 1,922,152; Aug. 15.
- Ventilator pipe cap. H. Parker. 1,930,534; Oct. 17.
- Ventilator screen. W. C. Karns. 1,933,478; Oct. 31.
- Ventilators, Operating device for windshield. E. L. Kraft. 1,912,281; May 30.
- Venting bug. J. C. Kuehne. 1,907,358; May 2.
- Venting means for storage battery cells. C. C. Wallace and G. E. Petrosky. 1,907,911; May 9.
- Vermiculite and the like, Treatment of. R. G. Guthrie and O. J. Wilbor. 1,898,774; Feb. 21.
- Vermiculite, Production of expanded. C. S. Miner. 1,922,448; Aug. 15.
- Vermis trap. H. F. Hyman. 1,892,952; Jan. 3.
- Vernier motor. L. W. Chubb. 1,894,979; Jan. 24.
- Vertical bearing. J. D. Jones. 1,937,151; Nov. 28.
- Vertical oil bearing. R. W. Schuck and J. L. Brown. 1,920,326; Aug. 1.
- Vertical retort furnace. F. A. Hansen. 1,913,386; June 13.
- Vertically and horizontally adjustable table. O. K. and L. O. Mitchell. 1,900,250; Mar. 7.
- Vessel. A. M. McDougal. 1,913,207; June 6.
- Vessel and fabricating it, Pressure. R. Stresau. 1,925,118; Sept. 5.
- Vessel and producing same, Steel. F. Gorschluter and E. Pohl. 1,900,988; Mar. 14.
- Vessel construction, Sheet metal. J. E. Howard. 1,900,711; Mar. 7.
- Vessel for containing fluids under pressure. P. O. Mulkey. 1,929,511; Oct. 10.
- Vessel for electric ranges, Cooking. C. Kapner. 1,927,686; Sept. 19.
- Vessel for electrolytic apparatus, Electrode. J. E. Noeggerath. 1,896,718; Feb. 7.
- Vessel for solid carbon dioxide, Pressure. A. J. Cordrey. 1,903,167-8; Mar. 28.
- Vessel, Heat insulated cooking. A. T. Smith. 1,895,212; Jan. 24.
- Vessel in particular X-ray tube, High vacuum discharge. L. Völkel. 1,927,475; Sept. 19.
- Vessel, Jacketed. I. W. Bringmann. 1,916,751; July 4.
- Vessel, Marine. A. O. Dandini. 1,905,345; Apr. 25.
- Vessel, Metallic shipping and storing. W. J. Waite. 1,909,028; May 16.
- Vessel, Pressure responsive. J. V. Giesler. 1,900,985; Mar. 14.
- Vessel, Welded pressure. F. Davis. 1,896,863; Feb. 7.
- Vessels, Annealing. R. Stresau. 1,902,146; Mar. 21.
- Vessels, Apparatus for salvaging sunken. H. F. G. Lampe. 1,933,269; Oct. 31.
- Vessels, Art and apparatus for impelling and maneuvering of floating. A. A. Ouss and W. F. Von Buehren. 1,914,038; June 13.
- Vessels, Closing. G. Martina. 1,932,351; Oct. 24.
- Vessels, Coating. F. X. Govers. 1,914,774; June 20.
- Vessels, Fore and aft rigged. E. L. Blackman. 1,916,459; July 4.
- Vessels, Manufacture of electric discharge. C. G. Eden and C. J. Smithells. 1,914,634; June 20.
- Vest and suspenders, Combination. M. Adler and J. C. Janosik. 1,902,939; Mar. 28.
- Vest construction. J. C. Levinsohn. 1,927,179; Sept. 19.
- Vestment, Athletic. E. H. Canon. 1,939,386; Dec. 12.
- Veterinary obstetrical instrument. F. Schulte. 1,934,513; Nov. 7.
- Vial manufacture, Flat-top screw-threaded. W. H. Key. 1,906,617; May 2.
- Vibrating element, Mechanical. W. A. Marrison. 1,919,796; July 25.
- Vibrating screen. E. Deister. 1,920,972; Aug. 8.
- Vibrating screen. B. E. Green. 1,905,393; Apr. 25.
- Vibrating screen. T. B. Hetzel. 1,931,657; Oct. 24.
- Vibrating string apparatus. P. E. Klopsteg. 1,908,258; May 9.
- Vibration absorber. C. R. Soderberg. Re18,861; June 6.
- Vibration-absorbing connector. H. D. Geyer. 1,892,943; Jan. 3.
- Vibration dampener. H. C. Lord. 1,937,581; Dec. 5.
- Vibration dampener. A. L. Vargha. 1,928,119; Sept. 26.
- Vibration dampener. E. B. Wemp. 1,935,683; Nov. 21.
- Vibration dampener applicator. C. C. Coon. 1,897,466; Feb. 14.
- Vibration dampener removing tool. C. C. Coon. 1,897,465; Feb. 14.
- Vibration damping device. W. E. Landsman. 1,905,723; Apr. 25.
- Vibration damping device. C. R. Paton. 1,896,969; Feb. 7.
- Vibration detector. H. C. Hayes. 1,928,088; Aug. 22.
- Vibration, Device for eliminating torsional. G. J. Dashefsky. 1,918,249; July 18.
- Vibration device for submarine sounding, Emitting or receiving. P. A. D. Marti, C. F. M. Bertin and A. E. G. Nandillon. 1,903,720; Apr. 11.
- Vibration eliminator. D. D. Stone. 1,929,797; Oct. 10.
- Vibration eliminator. T. C. Van Degrift and J. M. Tyler. 1,929,106; Oct. 3.
- Vibration sensitive system. F. Rieber. 1,902,184; Mar. 21.
- Vibration translating device. P. B. Flanders and H. C. Harrison. 1,934,416; Nov. 7.
- Vibration translating device. G. R. Yenzer. 1,905,669; Apr. 25.
- Vibration transmission system. W. Hahnle. 1,936,939; Nov. 28.
- Vibrations, System for receiving and recording. F. Rieber. 1,902,183; Mar. 21.
- Vibrator. J. F. Doran. 1,896,351; Feb. 7.
- Vibrator. M. Gilson. 1,914,713; June 20.
- Vibrator. G. B. Pickop. 1,911,967; May 30.
- Vibrator, Body. R. R. Gossett. 1,926,530; Sept. 12.
- Vibrator control device. L. J. Wahl. 1,906,027; Apr. 25.
- Vibrator, Electric. W. H. Tucker. 1,925,350; Sept. 5.
- Vibrator, Electromechanical. C. W. Hansell. 1,899,503; Feb. 28.
- Vibrator for screens and other apparatus. S. D. Robins. 1,901,122; Mar. 14.

- Vibrator, Hand. A. J. Dremel. 1,918,458; July 18.
 Vibrator implement. C. C. H. Thomas. 1,927,075; Sept. 19.
 Vibrator, Investment. W. J. Clark. 1,918,018; July 11.
 Vibratory apparatus. K. H. Whitney. 1,899,544; Feb. 28.
 Vibratory frequency standard. W. A. Marrison. 1,906,985; May 2.
 Vibratory screen. W. L. Keefer. 1,925,447; Sept. 5.
 Vibratory screen. W. E. Lippmann. 1,929,249; Oct. 3.
 Vibratory tool. H. S. Brown. 1,932,723; Oct. 31.
 Vine guide. R. P. Miller. 1,933,218; Oct. 31.
 Vinegar generator. A. W. Hinchliffe. 1,934,712; Nov. 14.
 Vinegar generators or the like, System for feeding. A. W. Hinchliffe. 1,909,861; May 16.
 Vinyl acetylene, Hydrating. A. S. Carter. 1,896,161; Feb. 7.
 Vinyl chloride, Making. W. J. Toussaint. 1,926,638; Sept. 12.
 Vinyl chloride, Preparation of. G. A. Perkins. 1,934,324; Nov. 7.
 Vinyl compound, Polymerizing. L. C. Shriver. 1,938,870; Dec. 12.
 Vinyl derivatives of acetylene, Producing. J. A. Nieuwland. 1,926,056; Sept. 12.
 Viola. S. R. Weston. Pl. Pt. 83; Nov. 28.
 Violin. E. H. Chase. 1,918,084; July 11.
 Violin gluing form. C. J. Amundson. 1,895,743; Jan. 31.
 Violin holder. P. S. Bishop. 1,895,749; Jan. 31.
 Viscometer. G. Duffing. 1,894,369; Jan. 17.
 Viscose from cellulose, Manufacture of. 1,907,406; May 2.
 Viscose, Making. O. Herrmann. 1,917,646; July 11.
 Viscose, Manufacture of. O. Schmid. 1,902,102; Mar. 21.
 Viscose products, Forming. E. H. Morse. 1,937,836; Dec. 5.
 Viscose-rayon, Finishing of. G. A. Richter and C. H. Goldsmith. 1,915,952; June 27.
 Viscose solution. R. Elssner. 1,937,110; Nov. 28.
 Viscosimeter. H. C. Rule, jr. 1,934,739; Nov. 14.
 Viscosity apparatus. P. E. Klopsteg. 1,893,749; Jan. 10.
 Viscosity gauge, Continuous indicating. L. R. Anderson and H. E. Pengilly. 1,919,921; July 25.
 Vise. J. R. Long. 1,940,261; Dec. 19.
 Vise. J. S. Nurnberger. 1,904,798; Apr. 18.
 Vise. W. Schwab. 1,912,313; May 30.
 Vise and chuck holding block, Combined. E. H. Brown, jr. 1,923,967; Aug. 22.
 Vise and securing means therefor. J. Norman. 1,931,934; Oct. 24.
 Vise and the like. T. D. Currie. 1,895,281; Jan. 24.
 Vise display stand. W. U. Botsford. 1,903,163; Mar. 28.
 Vise, Flexible. A. A. Devincenzi. 1,933,718; Nov. 7.
 Vise-stand, Portable and adjustable. F. A. Trowbridge. 1,897,449; Feb. 14.
 Vision device for vehicles, Clear. W. H. Morgan. 1,933,333; Oct. 31.
 Vision shield. M. E. Church. 1,906,539; May 2.
 Visor. W. C. Mason. Re18,952; Sept. 19.
 Visor. W. C. Van Dresser. 1,898,276; Feb. 21.
 Visor, Adjustable sun. H. A. Platt. 1,903,132; Mar. 28.
 Visor for automobiles, Sun. K. W. Moore. 1,928,184; Sept. 26.
 Visor, Sun. Y. Ishii. 1,929,314; Oct. 3.
 Visor, Windshield. P. Miller. 1,904,069; Apr. 18.
 Visual indicator for radio direction finders and measuring systems. J. D. R. Freed. 1,915,780; June 27.
 Vitamin concentrate and preparation. R. K. Prince. 1,918,983; July 18.
 Vitamin concentrates from fats, Obtaining. W. G. Christiansen, W. S. Jones, and E. Moness. 1,897,039; Feb. 14.
 Vitamin D, Preparing. E. H. Reerink and A. Van Wijk. 1,904,751; Apr. 18.
 Vitamin D, Production of. W. Zimmermann and W. Frankenburger. 1,896,191; Feb. 7.
 Vitamin preparations containing lipid soluble vitamins. W. Kropp, F. Lange, and A. Bohne. 1,919,297; July 25.
 Vitamin substances from cottonseed, Extracting. C. Schmitt. 1,913,515; June 13.
 Vitreous articles, Method of and apparatus for producing. G. A. Millar. 1,897,489; Feb. 14.
 Vitreous objects, Method of and device for making. S. H. Peltier. 1,927,650; Sept. 19.
 Voice panel and gun port, Combined. J. B. Gander. 1,928,013; Sept. 26.
 Volatile constituents from fermented liquids, Removal of. H. and R. S. Heuser. 1,906,007; Apr. 25.
 Volatile substances from vegetal oils and fats and apparatus therefor, Separation of. H. Franzen and M. Schellmann. 1,937,320; Nov. 28.
 Volatile substances, Recovering. A. Godel. 1,934,301; Nov. 7.
 Voltage amplifier. H. G. Oestricher. 1,903,654; Apr. 11.
 Voltage compensator. J. G. Sola. 1,893,251; Jan. 3.
 Voltage control for variable speed generators. R. H. Kuchmsted. 1,924,190; Aug. 29.
 Voltage drive, Variable. B. M. Mills. 1,925,876; Sept. 5.
 Voltage indicating apparatus. P. H. Crago. 1,918,834; July 18.
 Voltage indicator. J. C. Pendock. 1,928,951; Oct. 3.
 Voltage limiting system. E. Peterson. 1,901,929; Mar. 21.
 Voltage of an alternating current circuit, Regulation of the. E. D. T. Norris. 1,901,768; Mar. 14.
 Voltage regulating apparatus. H. Grob. 1,902,554; Mar. 21.
 Voltage regulating apparatus. C. H. Zierdt. 1,920,618; Aug. 1.
 Voltage regulating system. A. Boyajian. 1,893,760; Jan. 10.
 Voltage regulating system. H. A. W. Klinkhamer. 1,932,667; Oct. 31.
 Voltage regulating system. D. C. Prince. 1,893,784; Jan. 10.
 Voltage regulation, Electric. H. Harz. 1,906,210; Apr. 25.
 Voltage regulation in alternating current supplies. R. I. Bagnall. 1,896,995; Feb. 7.
 Voltage regulator for electric generators. D. V. Edwards. 1,941,076; Dec. 26.
 Voltage regulator, Storage battery. J. H. Oliver. 1,905,741; Apr. 25.
 Voltage regulator, Vacuum-tube. F. H. Gulliksen. 1,909,054; May 16.
 Voltage transformer, Variable. W. S. Werner. 1,928,343; Sept. 26.
 Voltage transforming apparatus for direct current. C. C. Wilson. Re18,936; Sept. 5.
 Voltage transforming apparatus for direct current. C. C. Wilson. 1,900,215; Mar. 7.
 Voltage variations, Arrangement for amplifying alternating. F. H. De Jong. 1,922,794; Aug. 15.
 Voltage winding, High. F. J. Fischer. 1,935,182; Nov. 14.
 Voltages, Method of and apparatus for injecting regulating. W. Weiler. 1,906,681; May 2.
 Volt-ampere responsive apparatus. W. R. Schneider. 1,915,581; June 27.
 Volting machine. J. M. Garr. 1,903,544; Apr. 11.
 Voltmeter-ammeter, Multi-range. K. M. Lederer and F. X. Lamb. 1,915,232; June 20.
 Voltmeter, High frequency. J. T. Fetsch, jr. 1,901,741; Mar. 14.
 Voltmeter switch, Radio testing. T. Wisman. 1,928,345; Sept. 26.
 Voltmeter, Vacuum-tube. N. V. Fedotoff. 1,910,827; May 23.
 Voltmeter, Vacuum tube. M. S. Sanders. 1,931,558; Oct. 24.
 Volume control. P. Nicolas. 1,912,719; June 6.
 Volume control. L. M. Perkins. 1,933,148; Oct. 31.
 Volume control apparatus for recording and broadcasting. B. Kwartin. 1,893,291; Jan. 3.
 Volume control, Automatic. H. I. Metz. 1,940,874; Dec. 26.
 Volume control, Automatic. W. Van B. Roberts. 1,913,959; June 13.
 Volume control, Automatic. O. H. Schade. 1,916,129; June 27.
 Volume control device. E. G. Lodge. 1,926,206; Sept. 12.
 Volume control, Double action. A. Senauke. 1,894,794; Jan. 17.
 Volume control in telephone circuits. S. B. Wright and E. R. Taylor. 1,927,999; Sept. 26.
 Volume control mechanism for compressors, Variable. H. C. Wasson. 1,939,424; Dec. 12.
 Volume control system. B. G. Björson and S. Doba, jr. 1,936,658; Nov. 28.
 Volume control system. E. R. Hentschel. 1,893,671; Jan. 10.
 Volume control system. E. R. Hentschel. 1,896,172; Feb. 7.
 Volume control system. W. H. T. Holden. 1,932,588; Oct. 31.
 Volume control system, Automatic. E. R. Hentschel. 1,896,173; Feb. 7.
 Volume control system for radioreceivers. E. R. Hentschel. 1,909,954; May 23.
 Volume control system for radioreceivers. E. R. Hentschel. 1,916,795; July 4.
 Volume control with noise suppression, Automatic. J. S. Starrett. 1,925,825; Sept. 5.
 Volume regulation, Automatic. G. Gullner and E. Zep-ler. 1,931,070; Oct. 17.
 Vote recorder. E. B. Howell. 1,938,488; Dec. 5.
 Voting machine. J. M. Garr. 1,898,874; Feb. 21.
 Voting machine. J. M. Garr. 1,903,400-1; Apr. 4.
 Voting machine. G. A. Luther. 1,924,449; Aug. 29.
 Voting machine. R. D. Uthoff. 1,941,448; Dec. 26.
 Voting machine. R. H. Zschau. 1,916,505; July 4.
 Voucher and check file guide and detachable tab. H. L. Cowden. 1,927,513; Sept. 19.
 Vulcanization, Accelerating. T. Weigel. 1,912,812; June 6.
 Vulcanization accelerator. L. Orthner, E. Zaucker, and M. Bögemann. 1,924,566; Aug. 29.
 Vulcanization accelerator. L. Orthner and M. Bögemann. 1,924,567; Aug. 29.
 Vulcanization inhibiting process and compound. H. A. Morton. 1,929,561; Oct. 10.
 Vulcanization of artificial rubber like masses. T. Goost. 1,918,466; July 18.
 Vulcanization products, Production of. A. Beck and H. Klein. 1,926,424; Sept. 12.
 Vulcanizer. F. J. Beighey. 1,938,794; Dec. 12.
 Vulcanizer. H. C. Bostwick. 1,894,017; Jan. 10.
 Vulcanizer. R. W. Brown. 1,908,282; May 9.
 Vulcanizer. J. W. Brundage. Re18,808; Apr. 25.
 Vulcanizer. R. G. Daniel. 1,906,950; May 2.

- Vulcanizer. L. O. Grange. 1,905,463; Apr. 25.
 Vulcanizer. J. H. Matthews. 1,908,266; May 9.
 Vulcanizer. F. J. Shook. 1,899,211; Feb. 28.
 Vulcanizer. F. J. Shook and C. Iverson. 1,895,296; Jan. 24.
 Vulcanizing circulating system. R. W. Brown. 1,915,644; June 27.
 Vulcanizer, Internal repair. J. C. Heintz. 1,911,894; May 30.
 Vulcanizer, Tire repair. J. H. Browne. 1,903,025; Mar. 28.
 Vulcanizer, Tire repair. W. J. Cassley and J. W. Brundage. 1,925,993; Sept. 5.
 Vulcanizing, Repairing element for. R. H. M. Binay. 1,898,235; Feb. 21.
 Vulcanizing apparatus. R. W. Brown and G. P. Bosomworth. 1,932,063; Oct. 24.
 Vulcanizing apparatus. H. A. Denmire. 1,931,923; Oct. 24.
 Vulcanizing apparatus. L. O. Grange. 1,914,853; June 20.
 Vulcanizing apparatus. B. De Mattia. 1,893,762; Jan. 10.
 Vulcanizing apparatus. G. L. Matthias. 1,905,929; Apr. 25.
 Vulcanizing apparatus. G. K. McNeill. 1,913,126; June 6.
 Vulcanizing apparatus, Continuous. A. L. Wallace. 1,905,663; Apr. 25.
 Vulcanizing device. K. R. Lewis and D. C. Waugh. 1,923,736; Aug. 22.
 Vulcanizing device for repairing vehicle tires and other articles composed partly or wholly of rubber, Portable. H. G. Macleannan. 1,930,174; Oct. 10.
 Vulcanizing mold. C. E. Maynard. 1,906,328; May 2.
 Vulcanizing or drying apparatus. G. H. Knowlton. 1,901,306; Mar. 14.
 Vulcanizing press. B. Bronson. 1,908,681; May 16.
 Vulcanizing press. B. De Mattia. 1,909,574; May 16.
 Vulcanizing press. P. De Mattia. 1,939,670; Dec. 19.
 Vulcanizing press. P. De Mattia. 1,940,582; Dec. 19.
 Vulcanizing press. J. R. Gammeter. 1,892,942; Jan. 3.
 Vulcanizing press. H. Walther. 1,920,157; July 25.
 Vulcanizing rubber. H. L. Fisher. 1,918,328; July 18.
 Wadding. J. Schmidt. 1,893,448; Jan. 3.
 Wadding and bats, and product, Forming. R. L. Loomis. 1,928,568; Sept. 26.
 Wadding for whale guns. G. E. Brofelth. 1,899,925; Mar. 7.
 Wads. Process of and apparatus for making. H. Ernst. 1,900,012; Mar. 7.
 Wafer baking machine. J. Balton. 1,899,302; Feb. 28.
 Wafer cutting machine. J. Balton. 1,911,873; May 30.
 Wafer dosing, filling, and sealing machine. G. Willmann. 1,902,272; Mar. 21.
 Wafer icing machine. R. F. Macfarlane. 1,897,207; Feb. 14.
 Wafer or similar article. F. Peterson. Des. 90,954; Oct. 31.
 Waffle extractor. H. Keizer. 1,919,469; July 25.
 Waffle iron assembly. A. W. Knapp. 1,919,560; July 25.
 Wagon body. E. Hannaman. 1,933,800; Nov. 7.
 Wagon body, Ash collecting. J. A. Morris. 1,908,167; May 9.
 Wagon, Coaster. C. W. Haagen. 1,921,818; Aug. 8.
 Wagon, Coaster. A. Heden, J. G. Holifer, and V. S. Landess. 1,900,108; Mar. 7.
 Wagon, Coaster. T. M. Putnam. 1,912,040; May 30.
 Wagon construction, Tank. P. Earnheart and C. W. Smith. 1,898,483; Feb. 21.
 Wagon, Convertible. N. L. Natali. 1,935,057; Nov. 14.
 Wagon, Dirt hauling. J. F. Robb. 1,934,886; Nov. 14.
 Wagon, Dump. R. E. Choate. 1,925,654; Sept. 5.
 Wagon, Dump. E. R. Greer. 1,916,928; July 4.
 Wagon, Dump. R. R. Knight. 1,912,848; June 6.
 Wagon, Dump. J. Kuchar. 1,909,969; May 23.
 Wagon especially for railways, Transport. J. Jonsson. 1,934,929; Nov. 14.
 Wagon hitch. H. L. and M. R. Baker. Re18,868; June 13.
 Wagon or like articles, Coaster. A. C. Korte. Des. 89,826; May 9.
 Wagon, Refreshment. J. G. Garton. Des. 89,857; May 9.
 Wagon, Serving. C. K. Grebenstein. Des. 91,153; Dec. 5.
 Wagon, Side dump. J. Kuchar. 1,909,970; May 23.
 Wagon with airplane controls, Balancing coaster. L. Shaw. 1,895,737; Jan. 31.
 Wagons, Spreading device for dump. T. J. Dale. 1,937,266; Nov. 28.
 Waist band construction. R. C. Castlen. 1,902,116; Mar. 21.
 Wall. R. W. and L. B. Raftis. 1,913,638; June 13.
 Wall, Air and water cooled. M. Alprena. 1,937,003; Nov. 28.
 Wall and ceiling construction. B. E. Balduf. 1,940,933; Dec. 26.
 Wall and ceiling construction. C. O. Walper. 1,931,713; Oct. 24.
 Wall and ceiling structure, Fire-resistant. C. K. Roos. 1,938,354; Dec. 5.
 Wall board and joint. C. K. Swift. 1,939,528; Dec. 12.
 Wall board and metal T-joint cover. C. A. Walker and L. D. Booth. 1,936,317; Nov. 21.
 Wall board and plaster tie. R. Phillips. 1,925,774; Sept. 5.
 Wall board construction. C. G. Reynolds. 1,905,397; Apr. 25.
 Wallboard, Making. D. De F. Crandell. 1,932,956; Oct. 31.
 Wall brace and reinforcement. A. M. Ryan. 1,900,767; Mar. 7.
 Wall bracket, Suspension. T. E. McGrail. 1,914,974; June 20.
 Wall case. R. I. Eustis. 1,938,450; Dec. 5.
 Wall clip. J. W. Pearce, I. R. Bush, and D. D. Pearce. 1,928,393; Sept. 26.
 Wall construction. H. J. R. Barrett. 1,937,186; Nov. 28.
 Wall construction. R. W. Dresser. 1,894,676; Jan. 17.
 Wall construction. R. P. Rennoyer. 1,933,483; Oct. 31.
 Wall construction. C. K. Roos. 1,914,345; June 13.
 Wall construction. M. J. Tracy. 1,920,490; Aug. 1.
 Wall construction and securing means therefor. G. M. Thomson. 1,932,358; Oct. 24.
 Wall construction, Building. F. C. Reinke. 1,924,515; Aug. 29.
 Wall construction, Closure. R. L. Carr. 1,909,167; May 16.
 Wall construction, Side. J. S. Bennett. 1,906,835; May 2.
 Wall covering material and making the same. L. C. Fleck. 1,936,355; Nov. 21.
 Wall-crack cutting router. D. F. McLaren. 1,923,159; Aug. 22.
 Wall finishing material. H. A. Gorman. 1,910,160; May 23.
 Wall finishing material. H. A. Gorman. 1,939,809; Dec. 19.
 Wall fixture. V. W. Campbell. 1,934,911; Nov. 14.
 Wall fixture. R. O. Pfeiffer. 1,902,890; Mar. 28.
 Wall flashing, Through. H. E. Voegeli. 1,906,674; May 2.
 Wall. Flexible corrugated tubular. J. V. Giesler. 1,905,583; Apr. 25.
 Wall for double-fired furnaces, Fluid-cooled. J. S. Bennett. 1,912,880; June 6.
 Wall, Furnace. O. Nygaard. 1,903,062; Mar. 28.
 Wall, Furnace side. W. I. Bowden. 1,919,087; July 18.
 Wall insert. B. C. Place. 1,905,603; Apr. 25.
 Wall, Insulating. S. W. Excell. 1,905,832; Apr. 25.
 Wall, Making a retaining. W. J. Newman. 1,909,980; May 23.
 Wall, Making a socketed. J. Liner. 1,930,102; Oct. 10.
 Wall of hollow bodies, Apparatus for surface hardening of the inner. F. Klopp. 1,892,843; Jan. 3.
 Wall of hollow bodies, Method and apparatus for coating the interior. A. M. Hageman and A. F. Lindstrom. 1,900,104; Mar. 7.
 Wall or ceiling construction. W. C. Davis and O. E. Gibson. 1,896,769; Feb. 7.
 Wall or partition. C. E. Johnson. 1,927,787; Sept. 19.
 Wall or the like, Tiled. O. E. Grigsby. 1,892,885; Jan. 3.
 Wall or the like, Tiled. G. D. Haines. 1,906,583; May 2.
 Wall or the like, Tiled. R. C. Worden. 1,932,433; Oct. 31.
 Wall outlet and fitting. J. N. Nielsen. 1,903,833; Apr. 18.
 Wall outlet, Convenience. J. J. Steinharter and J. J. Grossman. 1,937,922; Dec. 5.
 Wall packer. L. C. Tilbury. 1,912,805; June 6.
 Wall panel. M. S. Randall. 1,940,969; Dec. 26.
 Wallpaper and the like, Device for trimming. W. H. Possnett. 1,913,951; June 13.
 Wall papering machine. W. J. Jenkins. 1,927,549; Sept. 19.
 Wall plug. J. J. Rawlings. 1,934,560; Nov. 7.
 Wall plug. N. Sluyter. 1,935,336; Nov. 14.
 Wall rack, Collapsible and adjustable. R. E. Miller. 1,918,708; July 18.
 Wall, Retaining. O. S. Flath. 1,907,053; May 2.
 Wall, Retaining. H. B. Mette. 1,909,299; May 16.
 Wall slots in metal, Producing divergent. C. J. Coberly. 1,909,660; May 16.
 Wall, Socketed. J. Liner. 1,930,101; Oct. 10.
 Wall spacer for concrete forms. R. L. Frist. 1,920,070; July 25.
 Wall structure. M. X. Corcoran. 1,938,215; Dec. 5.
 Wall structure. B. J. King and J. C. McKay. 1,936,238; Nov. 21.
 Wall structure. H. S. Warner. 1,902,271; Mar. 21.
 Wall structure and building block used therein. O. Sander and K. König. 1,903,881; Apr. 18.
 Wall structure, Building. R. C. Graef. 1,905,167; Apr. 25.
 Wall structure, Metal tile. H. R. Spencer. 1,918,228; July 11.
 Wall structure, Monolithic. N. L. Aberson. 1,933,237; Oct. 31.
 Wall structure, Reinforced. B. E. Bushnell. 1,911,058; May 23.
 Wall support for plumbing fixtures. J. A. and J. H. Healy. 1,930,314; Oct. 10.
 Wall surfacing or facing units. J. A. Coca. 1,912,972; June 6.
 Wall switch. F. E. Johnson. 1,917,843; July 11.
 Wall tie. S. C. Awbrey. 1,936,223; Nov. 21.
 Wall tile attachment. A. W. Nelson. 1,922,214; Aug. 15.
 Wall unit for a store interior. P. P. Marlon. Des. 89,902; May 16.
 Walls and other surfaces, Process and product for lining. G. Desagnat. 1,930,740; Oct. 17.

- Walls, Construction of retaining. J. Goldsbrough. 1,895,985; Jan. 31.
- Walls, Perforated retainer plate construction for fire brick. M. J. Conroy. 1,921,346; Aug. 8.
- Walls, Tubular fluid-cooled. A. E. Weingartner. 1,904,182; Apr. 18.
- Wallet, Valuable-paper. G. Seelman, jr. 1,940,733; Dec. 26.
- Wardrobe. J. T. Fairhurst. 1,911,225; May 30.
- Wardrobe. R. G. Ross. 1,896,423; Feb. 7.
- Wardrobe, Automobile. C. J. Carlisle. 1,927,735; Sept. 19.
- Wardrobe bag. R. Freedman. 1,927,165; Sept. 19.
- Wardrobe case. J. Ritter, jr. 1,892,903; Jan. 3.
- Wardrobe hanger. B. Wertler. 1,892,794; Jan. 3.
- Wardrobe or locker. F. Albach. 1,908,211; May 9.
- Ware, Enamel. W. E. Dougherty. 1,938,691; Dec. 12.
- Warehouse, Auction. D. W. Brashear. 1,898,421; Feb. 21.
- Ware, Manufacturing porous silica. L. Kern. 1,898,839; Feb. 21.
- Ware or blown ware, Apparatus for completing pressed blown. R. J. Beatty. 1,908,303; Mar. 9.
- Warm air circulating heater, Gas-fired. N. T. Branche and V. O. Beam. Des. 89,945; May 22.
- Warm air furnace. R. A. Bell. 1,911,985; May 30.
- Warm air furnace. H. J. and R. G. Hillier. 1,893,240; Jan. 3.
- Warm air heating furnace. O. P. Nystrom. 1,909,710; May 16.
- Warmer, Food. F. J. Petzke. Des. 89,575; Apr. 4.
- Warming bag. C. A. Anderson. 1,915,044; June 20.
- Warp beam. W. D. Leinbach. 1,915,233; June 20.
- Warp beam. F. C. Washburn. 1,924,387; Aug. 29.
- Warp beam, Sectional. C. E. Thompson. 1,907,463; May 9.
- Warp beam winding machine. H. E. Easton. 1,911,944; May 30.
- Warp feeding mechanism for wire weaving machines. H. L. Thompson. 1,923,402; Aug. 22.
- Warp knitting machine. J. Morton. 1,924,649; Aug. 29.
- Warp thread drawing-in machine. O. Samitz. 1,928,704; Oct. 3.
- Warping frame. W. Schweiter. 1,894,712; Jan. 17.
- Washable toilet puff. A. C. Brucks. 1,935,500; Nov. 14.
- Washboard. E. D. Davis. 1,934,295; Nov. 7.
- Washboard. T. Glen. 1,934,420; Nov. 7.
- Washboard. M. Morishita. Des. 90,676; Sept. 12.
- Washboards, Rubbing element for. H. J. Gilbert. 1,896,077; Feb. 7.
- Wash box. J. D. S. Drinkwater. 1,926,375; Sept. 12.
- Wash box and operating same. C. O. Pratt. 1,927,529; Sept. 19.
- Washer - See -
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| Adjustable washer. | Pounder washer. |
| Air washer. | Pumpleuss washer. |
| Automatic washer. | Sand washer. |
| Book stock washer. | Sponge washer. |
| Bottle washer. | Spring washer. |
| Ceiling washer. | Stage pulp washer. |
| Combination washer. | Upholstery washer. |
| Crank case washer. | Vacuum washer. |
| Faucet packing washer. | Water washer. |
| Golf ball washer. | Wheel spoke washer. |
| Harness heddle washer. | Wheel washer. |
| Lock washer. | Window washer. |
| Pin and locking washer. | |
- Washer. D. M. Mahoney. 1,928,182; Sept. 26.
- Washer. P. A. McLeod. 1,931,899; Oct. 24.
- Washer and nut, Locking. H. C. Smith. 1,895,588; Jan. 31.
- Washer and silencer, Exhaust. H. H. Maxim, G. H. Herriott, and L. E. Knapp. 1,938,849; Dec. 12.
- Washer and sterilizer, Bottle. G. W. Cocks. 1,940,076; Dec. 19.
- Washer and the like, Dry cleaning. T. J. Power. 1,914,616; June 20.
- Washer and wiper, Windshield. S. R. Bumpass. 1,932,615; Oct. 31.
- Washer assemblies, Making screw and lock. J. Berge. 1,908,215; May 9.
- Washer distributing device. Heel. J. A. Gordon. 1,908,666; May 9.
- Washer for package dyeing machines. W. P. Hornbuckle and R. F. Craig. 1,939,817; Dec. 19.
- Washer for water faucets. E. G. Pearson. 1,939,363; Dec. 12.
- Washer or gasket, Metal joint. A. F. Wills. 1,917,175; July 4.
- Washer, spinner, and drier. G. W. Davis. 1,935,145; Nov. 14.
- Washers, Apparatus for making lock. A. Stoll. 1,902,269; Mar. 21.
- Washers, Making lock. C. G. Olson. 1,915,612; June 27.
- Washers, Manufacturing lock. N. R. Lillig. 1,903,785; Apr. 18.
- Washing and drying machine. G. P. Anstiss. 1,925,362; Sept. 5.
- Washing and drying machine, Combination. C. E. Reddig. 1,925,038; Aug. 29.
- Washing apparatus. E. Davis. 1,893,199; Jan. 3.
- Washing apparatus. G. J. Meyer. 1,902,253; Mar. 21.
- Washing apparatus. N. P. Roxendorf. 1,931,393; Oct. 17.
- Washing apparatus. H. F. Snyder. 1,898,221; Feb. 21.
- Washing apparatus, Hydraulic driven. R. Schlieper. 1,905,424; Apr. 25.
- Washing cams and the like, Apparatus for. B. E. Taylor. 1,919,965; July 25.
- Washing device. M. A. Hammes. 1,905,861; Apr. 25.
- Washing device. R. E. Huntington. 1,925,759; Sept. 5.
- Washing device. W. B. Underwood. 1,921,052; Aug. 8.
- Washing machine. A. W. Altorfer. Re18,870; June 13.
- Washing machine. A. W. Altorfer. 1,917,628; July 11.
- Washing machine. C. S. Bossie. 1,896,347; Feb. 7.
- Washing machine. H. Boyar. 1,806,064; Feb. 7.
- Washing machine. G. C. Brace. Des. 89,871; May 16.
- Washing machine. A. F. Brotz. 1,918,832; July 18.
- Washing machine. W. J. Butterworth. 1,900,795; Mar. 7.
- Washing machine. W. J. Byrne. 1,928,479; Sept. 26.
- Washing machine. F. M. Case. 1,927,433; Sept. 19.
- Washing machine. H. E. Crocker and W. W. Harris. 1,893,230; Jan. 3.
- Washing machine. O. T. Dehle. 1,897,953; Feb. 14.
- Washing machine. G. W. Dunham. 1,898,038; Feb. 21.
- Washing machine. G. W. Dunham. 1,914,363; June 20.
- Washing machine. A. O. Engberg and E. Ahnström. 1,903,987; Apr. 18.
- Washing machine. J. D. Evans. 1,931,721; Oct. 24.
- Washing machine. A. Fairgrieve. 1,899,459; Feb. 28.
- Washing machine. C. W. Foster. 1,893,797; Jan. 10.
- Washing machine. R. L. Gilbert. 1,913,696; July 18.
- Washing machine. L. B. Green. 1,941,259; Dec. 26.
- Washing machine. A. R. Haag. 1,913,755; June 13.
- Washing machine. F. A. Hansen. 1,902,165; Mar. 21.
- Washing machine. A. E. Hanson. 1,918,809; July 18.
- Washing machine. J. T. Hume. 1,925,662; Sept. 5.
- Washing machine. J. B. Kirby. 1,905,912; Apr. 25.
- Washing machine. S. M. Kitts. 1,894,173; Jan. 10.
- Washing machine. F. Krämer. 1,938,146; Dec. 5.
- Washing machine. A. H. Labisky. 1,930,241; Oct. 10.
- Washing machine. A. H. Labisky. 1,930,243; Oct. 10.
- Washing machine. A. Lennig. 1,911,630; May 30.
- Washing machine. N. R. Levy and E. C. Dollin. 1,935,212; Nov. 14.
- Washing machine. H. C. Magnus. 1,898,676; Feb. 21.
- Washing machine. G. H. Myrick. 1,916,806; July 4.
- Washing machine. S. E. Schroeder. 1,898,218; Feb. 21.
- Washing machine. S. C. Shaffner. 1,903,564; Apr. 11.
- Washing machine. H. D. Stevens. 1,924,005; Aug. 22.
- Washing machine. E. S. Stoddard. 1,902,193; Mar. 21.
- Washing machine. S. H. Stoffel. 1,925,061; Aug. 29.
- Washing machine. H. H. Taylor. 1,932,756; Oct. 31.
- Washing machine. G. Webb. 1,936,279; Nov. 21.
- Washing machine. F. Wright. 1,916,029; June 27.
- Washing machine. H. Zemke. 1,912,237; May 30.
- Washing machine and extractor, Combination. P. E. Barker. 1,899,005; Feb. 28.
- Washing machine and the like. B. R. Biggs. 1,932,097; Oct. 24.
- Washing machine cylinder. F. H. Smith. 1,924,521; Aug. 29.
- Washing machine for bearings. T. C. Pew. 1,894,786; Jan. 17.
- Washing machine for cleaning fabric or other woven material. Electric. J. Lehmkuhl. 1,933,813; Nov. 7.
- Washing machine, Revolvable hull. W. J. Byrne. 1,917,358; July 11.
- Washing machine. Screen or tray. C. H. Vogt. 1,937,258; Nov. 28.
- Washing machinery. E. R. Zademach. 1,899,657; Feb. 28.
- Washing machines, Affixing attachments to. G. K. Parsons. 1,913,612; June 13.
- Washing machines, and the like, Device for drilling and draining. J. J. Reedy and J. L. Hildebrand. 1,930,284; Oct. 10.
- Washing or dry-cleaning machine, Roller-type. L. B. Green. 1,928,100; Sept. 26.
- Washing, rinsing, and drying machine, Combined. R. Y. Bovee. 1,940,241; Dec. 19.
- Washtub. J. L. Arlt. 1,903,908; Apr. 18.
- Washtub. F. M. Vogan. Des. 89,664; Apr. 18.
- Waste cleaner mechanism. K. E. Amick and J. S. Combs. 1,938,788; Dec. 12.
- Waste conveyer. W. E. Flanders. 1,923,781; Aug. 22.
- Waste eliminator for ice cream cabinets. J. A. Janson. 1,903,910; Apr. 18.
- Waste pipe plug. R. G. Schwarz and A. H. Vorbusch. 1,931,086; Oct. 17.
- Waste products obtained in the refining of hydrocarbon material. Treatment of. S. M. Blair, F. L. Melville, A. G. V. Berry and B. B. Banks. 1,933,410; Oct. 31.
- Waste receptacle. E. B. Asselstine. 1,935,382; Nov. 14.
- Waste receptacle. S. Hammer. 1,901,808; Mar. 14.
- Waste receptacle. W. E. Luts and G. A. Graves. 1,895,904; Jan. 31.
- Waste receptacle. L. Schott. 1,939,139; Dec. 12.
- Waste renovating apparatus. E. S. Pearce. 1,911,527; May 30.
- Waste retainer for journal boxes. P. S. Harris. 1,940,166; Dec. 19.
- Watch. M. L. Bateman. 1,940,289; Dec. 19.
- Watch. E. Howard. 1,900,343; Mar. 7.
- Watch. A. L. Mansfield. 1,903,003; Mar. 28.
- Watch. A. and E. Wenger. 1,931,277; Oct. 17.
- Watch, Alarm wrist. D. C. Wiseley. 1,927,765; Sept. 19.
- Watch and similar timepiece. E. L. Carlson. 1,939,763; Dec. 19.

- Watch and the like, Wrist. E. L. Carlson. 1,905,682; Apr. 25.
- Watchcase. G. P. Ditisheim. 1,936,290; Nov. 21.
- Watchcase. G. Huguenin. 1,908,150; May 9.
- Watchcase. J. B. Kislinger. 1,927,838; Sept. 26.
- Watchcase. C. Oppenheim. Des. 89,593; Apr. 11.
- Watchcase. J. O. Simpson. 1,913,217; June 6.
- Watchcase. J. E. Thurmond. 1,940,568; Dec. 19.
- Watch case. A. B. Wadsworth. 1,907,909; May 9.
- Watchcase. G. A. Weingartner. 1,910,908; May 23.
- Watch case. R. H. Whitehead, A. W. Miner, and F. W. Burnes. 1,913,967; June 13.
- Watchcase. A. Wuischpard. 1,937,079; Nov. 28.
- Watch-chain guide. C. W. Giles. 1,896,302; Feb. 7.
- Watch cleaning machine. M. Klein. 1,923,626; Aug. 22.
- Watch cleaning machine. F. Rezero. 1,907,866; May 2.
- Watch cleaning machine. H. C. Thew. 1,934,019; Nov. 7.
- Watch dial or similar article. H. J. Wagner. Des. 90,144; June 13.
- Watch-fob. C. Oppenheim. Des. 89,407; Mar. 7.
- Watch holder. G. F. Stack. 1,936,100; Nov. 21.
- Watch. Keyless. T. Schild. 1,893,909; Jan. 10.
- Watch, Lady's. M. D. Kramer. 1,893,899; Jan. 10.
- Watch mechanism. S. Cochins. 1,926,713; Sept. 12.
- Watch movements, Mounting an anchor bridge in. A. Kunz and C. F. Perret. 1,916,955; July 4.
- Watch or clock movement. H. I. Marmorstein. 1,921,832; Aug. 8.
- Watch or similar article, Wrist. S. Lachowitz and I. Shiffman. Des. 89,710; Apr. 25.
- Watch, Self-winding. R. Annen. 1,907,276; May 2.
- Watch, Self-winding. L. Hatot. 1,914,015; June 13.
- Watch, Self-winding. M. Reiner. 1,899,722; Feb. 28.
- Watch, Self winding wrist. E. Morf. 1,932,163; Oct. 24.
- Watch, Sliding and pivoting wristlet. R. A. Chauvot. 1,930,416; Oct. 10.
- Watch, Strap. A. E. Manheimer. 1,899,285; Feb. 28.
- Watch timer. G. D. Gustafson. 1,918,965; July 18.
- Watches, Apparatus for testing. T. Owada. 1,900,612; Mar. 7.
- Water and apparatus therefor, Cleaning and cooling gas scrubbing. H. L. Allen. 1,923,135; Aug. 22.
- Water and feed protector, Poultry. L. Stecher. 1,906,016; Apr. 25.
- Water, Apparatus for conditioning boiler feed. L. F. Wilson. 1,901,215; Mar. 14.
- Water, Apparatus for distilling. H. Charrier. 1,910,281; May 23.
- Water, Apparatus for preparing potable. N. H. Gay. 1,931,347; Oct. 17.
- Water, Apparatus for supplying cooled drinking. E. S. Halsey. 1,929,583; Oct. 10.
- Water bag, Thermoresistant. J. F. Mykol. 1,897,438; Feb. 14.
- Water circulator and feed water heating unit for boilers. Combination. E. H. Waldrop and G. M. Petty. 1,941,286; Dec. 26.
- Water closet. J. C. Duner. 1,940,248; Dec. 19.
- Water closet. W. E. Hinsdale. 1,939,118; Dec. 12.
- Water closet. O. Lundberg. 1,919,700; July 25.
- Water closet. O. Lundberg. 1,930,012; Oct. 10.
- Water closet, Electric. J. C. Duner. 1,920,367; Aug. 1.
- Water-closet, Evacuating and ventilating device for a. L. Polo. 1,909,717; May 16.
- Water column for steam boilers. G. W. Stetson. 1,940,376; Dec. 19.
- Water compression system. R. A. Brooks. 1,898,337; Feb. 21.
- Water conditioner, Feed. L. F. Wilson. 1,901,216; Mar. 14.
- Water container. J. P. High. 1,913,806; June 13.
- Water control apparatus. T. A. Peebles. 1,904,324; Apr. 18.
- Water control in steam generators. W. F. Ryan. 1,940,607; Dec. 19.
- Water control, Wash box. A. J. Sayers. 1,926,409; Sept. 12.
- Water cooled furnace. W. H. Armacost. 1,896,273; Feb. 7.
- Water cooled furnace. P. Badenhausen. 1,939,535; Dec. 12.
- Water-cooled mold. W. Rohn. 1,895,135; Jan. 24.
- Water cooler. M. Alex. 1,930,947; Oct. 17.
- Water cooler. W. D. Collins. 1,907,749; May 9.
- Water cooler. A. Y. Dowell. 1,910,528; May 23.
- Water cooler. L. W. Hassendon. 1,939,551; Dec. 12.
- Water cooler. O. L. Link. 1,909,288; May 16.
- Water cooler. V. M. Maine. 1,918,767; July 18.
- Water cooler. F. D. Peltier. 1,895,085; Jan. 24.
- Water cooler. G. S. Ranstead. 1,918,131; July 11.
- Water cooler. J. C. Wichmann. 1,935,424; Nov. 14.
- Water cooler. R. C. Wolfe. 1,913,866; June 13.
- Water cooler, Drinking. M. J. Gouloze. Des. 90,283; July 11.
- Water cooler fountain, Drinking. D. H. Reeves. Des. 89,717-18; Apr. 25.
- Water cooler, Mechanically refrigerated. G. Muffley. 1,934,371; Nov. 7.
- Water cooler, Refrigerator. S. H. Flannagan. 1,904,782; Apr. 18.
- Water cooling apparatus. A. S. Richardson. 1,896,202; Feb. 7.
- Water cooling system. J. F. Hoffman. 1,937,698; Dec. 5.
- Water cooling systems, Apparatus for flushing. E. R. Tolfree. 1,939,836; Dec. 19.
- Water course, Endless. J. W. Lippincott. 1,926,780; Sept. 12.
- Watercourse, pool, and like construction and landscaping and preparing same. F. H. Leubuscher. 1,924,721; Aug. 29.
- Water craft. P. C. Lombardini. 1,924,949; Aug. 29.
- Water, Device for cooling. B. H. Coffey. Rel. 9,014; Dec. 5.
- Water, Device for cooling condenser. E. P. Brus and J. J. Strang. 1,933,703; Nov. 7.
- Water, Disinfectant of. C. B. Wood. 1,894,969; Jan. 24.
- Water dispenser. C. B. Lancaster. 1,927,521; Sept. 19.
- Water distributing system for drawworks. D. S. Faulkner and L. E. Zerbe. 1,918,499; July 18.
- Water extracting means for cylinder paper machines. C. L. Ellis. 1,935,837; Nov. 21.
- Water feed regulator. J. C. Kutzner. 1,894,517; Jan. 17.
- Water filler for sterilizers. J. H. Castle. 1,909,336; May 16.
- Water film from heat transmitting walls, Apparatus for removing. H. Wiltsc. 1,919,179; July 18.
- Water filter. W. R. Hildebrand. 1,896,310; Feb. 7.
- Water for cooling brake rims, Distribution of. A. E. Rice and L. E. Zerbe. Rel. 8,887; July 4.
- Water from boats, Removing. D. McEachern. 1,897,524; Feb. 14.
- Water from dredged material, Apparatus for separating. D. Verstoep. 1,902,739; Mar. 21.
- Water gas method, Carburetted. E. L. Hall. 1,922,018; Aug. 8.
- Water gauge. C. H. Lank. 1,925,145; Sept. 5.
- Water gauge. J. A. MacLean. 1,923,737; Aug. 22.
- Water glass cooler. D. A. Greene. 1,931,159; Oct. 17.
- Water heater. G. Anderson. 1,897,413; Feb. 14.
- Water heater. J. B. Brown. 1,925,299; Sept. 5.
- Water heater. J. W. Carroll. 1,921,807; Aug. 8.
- Water heater. E. L. Estes. 1,928,649; Oct. 3.
- Water heater. F. W. Geyer. 1,912,834; June 6.
- Water heater. J. C. Glenn. 1,919,506; July 25.
- Water heater. L. C. Glisson. 1,934,496; Nov. 7.
- Water heater. B. R. Glover and J. B. Nicholson. 1,922,581; Aug. 15.
- Water heater. W. J. Handley. 1,935,632; Nov. 21.
- Water heater. W. M. Hills. 1,902,365; Mar. 21.
- Water heater. J. L. Huber. 1,917,586; July 11.
- Water heater. N. K. and R. K. Kramaroff. 1,931,003; Oct. 17.
- Water heater. M. I. Larsen. 1,900,451; Mar. 7.
- Water heater. G. A. Matteson. 1,916,625; July 4.
- Water heater. W. G. Miller. 1,908,041; May 9.
- Water heater. O. W. Ott and A. J. Smithers. 1,899,523; Feb. 28.
- Water heater. C. E. Ruesch. 1,938,441; Dec. 5.
- Water heater. W. O. Twombly. 1,930,830; Oct. 17.
- Water heater. E. J. Von Ruden. 1,899,839; Feb. 28.
- Water heater. J. P. Votava. 1,926,661; Sept. 12.
- Water heater. D. B. Williamson. 1,898,703; Feb. 21.
- Water heater, Automatic. J. C. White and R. W. Miller. 1,933,611; Nov. 7.
- Water heater, Electric. W. L. Evans. 1,920,685; Aug. 1.
- Water heater, Electric. A. C. Visel. 1,895,870; Jan. 31.
- Water-heater, Induction. G. R. Decker. 1,923,711; Aug. 22.
- Water heater, Service. R. V. Fusco. 1,894,987; Jan. 24.
- Water heating and circulating system. J. J. Foley. 1,937,335; Nov. 28.
- Water heating and fluid pressure regulating device. H. B. Ackerman. 1,939,330; Dec. 12.
- Water heating apparatus. R. D. Heaps. 1,896,671; Feb. 7.
- Water heating attachment for boilers. W. R. Smith. 1,895,868; Jan. 31.
- Water heating device, Hot. R. E. Moore. 1,908,042; May 9.
- Water heating plant, Feed. S. O. A. Fiedler. 1,904,431; Apr. 18.
- Water heating system, Hot. H. A. Thrush. 1,931,419; Oct. 17.
- Water-immiscible bodies, Dispersing. O. F. Neitzke. 1,940,432; Dec. 19.
- Water in oil emulsions, Breaking. P. Kaplan. 1,902,129; Mar. 21.
- Water level control for boilers. I. E. McCabe. 1,906,702; May 2.
- Water levels, Apparatus for testing. C. L. Howse. 1,936,907; Nov. 28.
- Water lock for acetylene generators. H. Wendtland. 1,905,198; Apr. 25.
- Water marking device. W. J. Pippert. 1,918,055; July 11.
- Water measuring and supply apparatus for concrete mixers. C. F. Ball. 1,913,301; June 6.
- Water meter, Turbine. W. T. Rimele. 1,893,445; Jan. 3.
- Water, Method and apparatus for treating. G. D. Peet. 1,912,334; May 30.
- Water, Method of and apparatus for economizing feed. M. P. Shields. 1,902,732; Mar. 21.
- Water mixer. M. O. Snediker. 1,901,268; Mar. 14.
- Water mixing valve. D. H. Ebinger. 1,930,590; Oct. 17.
- Water motor. W. Keywood. 1,908,429; May 9.
- Water power, Utilizing. J. Boysen. 1,917,793; July 11.
- Water preheating means, Feed. H. C. Wells. 1,930,602; Oct. 17.
- Water pressure cleaner. E. Larue. 1,916,430; July 4.
- Water, Process and apparatus for treating boiler. C. T. McGill. 1,926,953; Sept. 12.

- Waterproof bag, Multiple wall. J. A. Rosmait. 1,922,867; Aug. 15.
- Waterproof bathing receptacle. J. M. Karnofsky and J. E. Freedman. 1,899,696; Feb. 28.
- Waterproof construction material. M. E. Campbell. 1,894,754; Jan. 17.
- Waterproof insulating board. E. S. Penn. 1,938,351; Dec. 5.
- Waterproof joint. J. H. Hession. 1,934,266; Nov. 7.
- Waterproof material and the manufacture thereof. L. Kern. 1,928,105; Sept. 26.
- Waterproof sheet material, Making composite. W. N. Stevenson. 1,906,654; May 2.
- Waterproofing. W. H. Storm. 1,925,214; Sept. 5.
- Waterproofing and to the treatment of materials with a view to rendering them resistant to the action of atmospheric conditions. R. Lant. 1,896,002; Jan. 31.
- Waterproofing composition. D. F. Twiss and W. G. Gorham. 1,904,576; Apr. 18.
- Waterproofing compound and making the same. O. E. Cushman. 1,913,430; June 13.
- Water pump. E. Aghides. 1,912,113; May 30.
- Water purification. M. Brandt. Re18,967; Oct. 10.
- Water purification. J. W. Schwab and C. E. Butterworth. 1,908,545; May 9.
- Water purification. O. M. Urbain. 1,928,400; Sept. 26.
- Water. Purification of polluted. O. M. Urbain. 1,935,963-4; Nov. 21.
- Water purification process. O. M. Urbain. 1,892,972; Jan. 3.
- Water, Purifying. H. Rodman. 1,933,567; Nov. 7.
- Water, Purifying and sterilizing. R. Adler. 1,903,889; Apr. 18.
- Water purifying apparatus. H. B. Hartman. 1,931,818; Oct. 24.
- Water regulating valve, Feed. H. J. Mastenbrook. 1,938,602; Dec. 12.
- Water regulator, Feed. J. M. Barrett. 1,921,498; Aug. 8.
- Water repellent composition and making the same. H. S. Lukens. 1,906,276; May 2.
- Water repellent material and product thereof, Process and composition for rubberizing. M. C. Teague. 1,936,999; Nov. 28.
- Water screen. Endless traveling. L. G. Bleyer. 1,913,303; June 6.
- Water, Separation and recovery of the constituents of sea. A. M. Thomsen. 1,937,995; Dec. 5.
- Water sled or surf board. W. L. Wheeler. 1,918,508; July 18.
- Water softener. T. B. Clark. 1,903,958; Apr. 18.
- Water softener. J. A. Madsen. 1,940,720; Dec. 26.
- Water softener, Automatic. E. J. De Ville. 1,910,004; May 23.
- Water softener, Automatic. G. C. Huppertz. 1,938,628; Dec. 12.
- Water softener, Automatic regenerative. E. Pick. 1,937,325; Nov. 28.
- Water softener, Automatic, semiautomatic or time controlled. D. G. Griswold and S. G. Harwood. 1,910,011; May 23.
- Water softener casing. C. J. Funk. Des. 89,335; Feb. 28.
- Water softener control mechanism. E. P. McCanna. 1,928,384; Sept. 26.
- Water softener, Faucet. V. F. Lamela and W. S. Robertson. 1,912,943; June 6.
- Water softener, Portable. E. M. Soreng. Des. 89,596; Apr. 11.
- Water softener, Semi-automatic. O. W. Johnson. 1,913,238; June 6.
- Water softener valve. R. H. Colvin. 1,910,753; May 23.
- Water softeners, Actuating. O. R. Sweeny and T. B. Clark. 1,931,968; Oct. 24.
- Water, Softening. W. H. Green. 1,916,367; July 4.
- Water, Softening. O. Liebknecht. 1,920,756; Aug. 1.
- Water, Softening. L. G. Lindsay. 1,905,726; Apr. 25.
- Water softening apparatus. T. E. D. Bilde. 1,929,405; Oct. 10.
- Water softening apparatus. A. J. Dotterweich. 1,893,933; Jan. 10.
- Water softening apparatus. A. J. Dotterweich. 1,903,611-13; Apr. 11.
- Water softening apparatus. A. J. Dotterweich. 1,918,225; July 11.
- Water softening apparatus. A. J. Dotterweich. 1,933,369-70; Oct. 31.
- Water softening apparatus. R. C. Dunkelberg. 1,905,221; Apr. 25.
- Water softening apparatus. W. N. McConkey. 1,939,182; Dec. 12.
- Water softening apparatus. J. H. Nash. 1,940,965; Dec. 26.
- Water softening apparatus. E. T. Turner. Re18,909; Aug. 1.
- Water softening apparatus. R. E. Wagner. 1,905,021; Apr. 25.
- Water softening apparatus. R. E. Wagner. 1,911,412; May 30.
- Water softening mechanism. E. T. Turner. 1,926,505; Sept. 12.
- Water softening system. F. X. and E. J. Lauterbur. 1,926,681; Sept. 12.
- Water softening system and controlling operation thereof. T. B. Clark. 1,903,957; Apr. 18.
- Water solutions, Treating. O. M. Urbain. 1,928,399; Sept. 26.
- Water storage for power generation, Hot. F. W. Gay. 1,905,085; Apr. 25.
- Water storage heater. L. P. Hynes and H. A. Williams. 1,916,861; July 4.
- Water supply system. J. O. Wrenn. 1,908,207; May 9.
- Water supply system and valve therefor. W. P. Hearn. 1,914,423; June 20.
- Water system. C. R. Mohr. 1,910,707; May 23.
- Watertight joint. J. T. Fritzsche. 1,939,115; Dec. 12.
- Water to boilers, Controlling the supply of feed. J. Sim. 1,926,919; Sept. 12.
- Water treating apparatus. N. E. Brice. 1,937,330; Nov. 28.
- Water-treating apparatus. C. L. Hoge. 1,938,748; Dec. 12.
- Water-treating apparatus. E. Pick. 1,935,458; Nov. 14.
- Water treating apparatus. E. Pick. 1,937,324; Nov. 28.
- Water treating apparatus. E. Staegemann. 1,914,333; June 13.
- Water, Treating boiler feed. S. B. Applebaum. 1,910,979; May 23.
- Water treating compound. J. Alsberg. 1,938,677; Dec. 12.
- Water treatment. A. S. Behrman. 1,927,148; Sept. 19.
- Water treatment. R. E. Hall and H. A. Jackson. 1,903,041; Mar. 28.
- Water treatment, Boiler. W. McDonald. 1,895,635; Jan. 31.
- Water, Treatment of quantities of. P. Boucherot and G. Claude. 1,926,191; Sept. 12.
- Water, Treatment of steep. R. W. Kerr and H. Berlin. 1,918,812; July 18.
- Water tube boiler. L. E. Connelly. 1,901,899; Mar. 21.
- Water tube boiler. H. Garbe. 1,894,988; Jan. 24.
- Water tube boiler. W. A. Jones. 1,929,891; Oct. 10.
- Water tube boiler. J. Kennal. 1,922,663; Aug. 15.
- Water tube boiler. C. E. Lucke. 1,917,533; July 11.
- Water tube boiler. A. Schmidli. 1,921,639; Aug. 8.
- Water tube boiler, Double circuit forced circulation. C. E. Lucke. 1,898,196; Feb. 21.
- Water tube boiler, Triple circuit. C. E. Lucke. 1,927,095; Sept. 19.
- Water-tube steam boiler. E. J. Franklin. Re18,901; July 25.
- Water valve. G. H. Fuehrer. 1,941,205; Dec. 26.
- Water wall. O. Nygaard. 1,912,913; June 6.
- Water washer. J. A. Buquor. 1,909,656; May 16.
- Water with radium emanation, Device for impregnating drinking. A. H. Tyrer. 1,902,200; Mar. 21.
- Waterer, Poultry. R. Fitzloff. 1,933,723; Nov. 7.
- Waterer, Poultry. J. B. Olson. 1,929,789; Oct. 10.
- Waterers. Self turning device for poultry. E. B. Hearn. 1,909,401; May 16.
- Watering device. R. W. Stradling. 1,892,909; Jan. 3.
- Watering or spraying gardens or the like, Apparatus for. V. Nielsen. 1,919,703; July 25.
- Waterless gas holder. A. M. Antich. 1,918,791; July 18.
- Waterless gas-holder. R. Bergfeld. 1,907,277; May 2.
- Waterless gas holder. W. Neal. 1,911,462; May 30.
- Waters, Treatment of hard. G. Rittler. 1,930,885; Oct. 17.
- Watthour meter. T. D. Barnes. 1,925,859; Sept. 5.
- Watthour meter. W. G. Mylius and B. G. La Bar. 1,893,177; Jan. 3.
- Wattmeter system, Phase-sequence. R. D. Evans. 1,939,044; Dec. 12.
- Wave antenna. N. Gerten and R. L. Jenner. 1,897,373; Feb. 14.
- Wave converter, Short. J. C. Roberts. 1,914,165; June 13.
- Wave filter. W. P. Mason. 1,921,035; Aug. 8.
- Wave generation. M. Osnos. 1,915,378; June 27.
- Wave holder. N. Fulton. 1,913,073; June 6.
- Wave machine, Permanent. H. W. McEwen and B. J. Balmer. 1,933,188; Dec. 5.
- Wave measurement. W. Schäffer. 1,928,765; Oct. 3.
- Wave-meter for ultra-short waves. R. H. Darbord. 1,921,117; Aug. 8.
- Wave motor. R. F. Bamber and R. A. Campbell. 1,925,742; Sept. 5.
- Wave motor. O. H. Parsons. 1,930,958; Oct. 17.
- Wave motor. H. D. Snell. 1,928,986; Oct. 3.
- Wave relay station, Ultra-short. R. H. Darbord and A. G. Clavier. 1,927,394; Sept. 19.
- Wave signaling system. W. A. MacDonald. 1,910,399; May 23.
- Wave signaling system. W. A. MacDonald. 1,913,604; June 13.
- Wave signaling system. W. A. MacDonald. 1,921,087-8; Aug. 8.
- Wave signaling system. W. A. Steel. 1,940,153; Dec. 19.
- Wave signaling system. H. A. Wheeler. 1,927,672; Sept. 19.
- Wave translating system. H. S. Black. 1,920,238; Aug. 1.
- Wave translating system. H. A. Pidgeon and J. O. McNally. 1,920,274; Aug. 1.
- Wave transmission system. R. L. Davis. 1,934,525; Nov. 7.
- Wave transmission system. C. L. Wels, jr. 1,910,977; May 23.
- Wave winder, Permanent. S. J. Duraney. 1,905,373; Apr. 25.
- Waves, Arrangement for producing ultrashort. A. Esau. 1,926,617; Sept. 12.

- Waves by cathode ray tubes, Production of. A. Meissner. 1,924,796; Aug. 29.
- Waves, System for producing high frequency. K. Kohl. 1,896,953; Feb. 7.
- Waving device, Permanent. F. R. Marcel. 1,894,624; Jan. 17.
- Waving hair, Permanently. R. L. Evans. 1,919,690; July 25.
- Waving, Permanent. J. Sguerso. 1,894,964; Jan. 24.
- Wax, amorphous wax and lubricating oil from wax slop, Separating crystalline. W. S. Baylis. 1,939,946; Dec. 19.
- Wax applicator. D. F. Larkin. 1,927,788; Sept. 19.
- Wax applicator, Floor. D. E. Larkin. 1,899,392; Feb. 28.
- Wax carbon spots on sheets of paper by impression. Apparatus for producing. G. A. Rutkoskie. Re18,931; Sept. 5.
- Wax carbon spots on sheets of paper by impression on an ordinary printing press, Producing. G. A. Rutkoskie. 1,930,429; Oct. 10.
- Wax cartridge for wax applicators, Renewable. F. Riebel, jr. 1,921,944; Aug. 8.
- Wax composition. F. H. MacLaren. 1,905,923; Apr. 25.
- Wax, Crystallization of. E. Petty. 1,940,015; Dec. 19.
- Wax, Dental. L. C. Hickok. 1,933,907; Nov. 7.
- Wax eliminator. H. C. Hagman. 1,914,718; June 20.
- Wax, Extraction of Montan. E. Roekner and F. Zschoch. 1,898,976; Feb. 21.
- Wax, Hydrocarbon. L. M. Henderson, S. W. Ferris, and H. C. Cowles, jr. 1,937,518; Dec. 5.
- Wax like bodies, Manufacture of. J. Baer. 1,912,962; June 6.
- Wax materials, Distillation of. W. H. Bahlke. 1,921,860; Aug. 8.
- Wax plate stamping machine. J. S. Haas. 1,926,586; Sept. 12.
- Wax products, Manufacturing high-melting. W. Schrauth. 1,928,438; Sept. 26.
- Wax removal from oil. J. A. Anderson. 1,927,057; Sept. 19.
- Wax sweating plant. H. L. Allan. 1,918,009; July 11.
- Wax treatment. A. G. Peterkin, jr., and L. B. Smith. 1,929,933-4; Oct. 10.
- Waxer. F. Riebel, jr., D. M. Dow and L. M. Henson. 1,936,368; Nov. 21.
- Waxer and polisher. C. E. Ericson. 1,910,683; May 23.
- Waxer and polisher, Floor. L. M. Appleford. 1,916,649; July 4.
- Waxing and polishing device. J. Kaufmann. 1,936,360; Nov. 21.
- Waxing and polishing device. C. D. Schrader. 1,915,902; June 27.
- Waxing appliance. W. L. Butcher. 1,931,686; Oct. 24.
- Waxing device. H. L. Endly. 1,920,069; July 25.
- Waxing machine, Surface. C. E. Woods. 1,927,227; Sept. 19.
- Weapon. E. Diegel. 1,909,932; May 23.
- Weapon, Disabling gas firing. A. S. Ailes. 1,897,992; Feb. 21.
- Wear compensating bearing. F. C. Hobler. 1,915,933; June 27.
- Wear plate for rubber heels. A. B. Byrd. 1,930,874; Oct. 17.
- Wear plate, Tell-tale. G. Raymond. 1,913,564; June 13.
- Wear preventer. G. C. Berryman. 1,913,018; June 6.
- Wear preventer for drill-pipes. J. J. Ferlin. 1,938,822; Dec. 12.
- Wear strips for pieces of furniture. H. W. Jelliffe. 1,936,113; Nov. 21.
- Wearing apparel and snap fastener therefor. A. W. Kimbrell. 1,896,863; Feb. 7.
- Weather excluding device for closures. J. C. Muir and R. Loudon. 1,923,839; Aug. 22.
- Weatherproof plug, Separable. J. H. Peroni and S. H. Alexander. 1,901,040; Mar. 14.
- Weather-proofing structure for doors. D. H. Harnly. 1,904,368; Apr. 18.
- Weather screen. R. O. Lansing. 1,941,179; Dec. 26.
- Weatherstrip. E. D. Barringer. 1,912,173; May 30.
- Weatherstrip. D. H. Harnly. 1,915,278; June 27.
- Weather-strip. O. G. Johnson. 1,897,127; Feb. 14.
- Weather strip. J. Manhan. 1,904,491; Apr. 18.
- Weather strip. C. E. McCormick. 1,899,100; Feb. 28.
- Weather strip. P. R. Oftedal. 1,928,948; Oct. 3.
- Weather-strip. H. D. Sevison. 1,906,110; Apr. 25.
- Weather strip. M. O. Sleeper. 1,901,780; Mar. 14.
- Weather strip and its spring-pressed actuator, Spring-pressed. H. M. Purdy. 1,918,865; July 18.
- Weather strip for car doors. J. H. Mattern. 1,921,422; Aug. 8.
- Weather strip for casement window bottoms and sills. F. Reese. 1,907,216; May 2.
- Weatherstrip for doors, Automatic. R. D. Perkins. 1,914,158; June 13.
- Weatherstrip for metallic window frames and sashes. F. Reese. 1,897,643; Feb. 14.
- Weather-strip for window sashes, Automatic adjustable. J. F. Levan. 1,895,289; Jan. 24.
- Weather strip mechanism. L. S. Pedersen. 1,927,691; Sept. 19.
- Weather stripping. H. R. Horn. 1,910,695; May 23.
- Weather stripping. L. A. Macklanburg. 1,936,986-7; Nov. 28.
- Weather stripping for windows. L. Washburn. 1,940,279; Dec. 19.
- Weather stripping, Making. E. E. Davidson. 1,939,878; Dec. 19.
- Weaving and apparatus therefor. M. D. Deboutteville. 1,910,595; May 23.
- Weaving mechanism. R. G. Knowland. 1,897,392; Feb. 14.
- Weaving, Method and apparatus for. P. Mattler. 1,901,250; Mar. 14.
- Web change device. H. A. Wood. 1,912,506; June 6.
- Web characteristics, Measuring. L. P. Schweitzer and S. M. Bagno. 1,898,066; Feb. 21.
- Web control. L. Jensen. 1,930,202; Oct. 10.
- Web controlling mechanism. H. Fankboner. 1,897,504; Feb. 14.
- Web-controlling mechanism. H. Fankboner. 1,940,852; Dec. 26.
- Web controlling mechanism. K. G. Laycock. 1,904,870; Apr. 18.
- Web controlling mechanism. C. J. Richter. 1,896,801; Feb. 7.
- Web controlling mechanism. C. J. Richter. 1,896,802; Feb. 7.
- Web feeding and sheet cutting mechanism. H. M. Barber. 1,940,484; Dec. 19.
- Web feeding mechanism. H. M. Barber. 1,895,842; Jan. 31.
- Web material, Apparatus for cutting. C. W. Wattleworth. 1,930,330; Oct. 10.
- Web pasting device. A. B. Staiger. 1,923,339; Aug. 22.
- Web printing. M. Stoessel. 1,934,775; Nov. 14.
- Web registering means. O. C. Roosen. 1,896,375; Feb. 7.
- Web roll changer. L. A. Schmidt. 1,932,642; Oct. 31.
- Web roll controlling mechanism. J. R. Tomlin. 1,930,733; Oct. 17.
- Web roll stopping device. O. C. Roosen. 1,937,412; Nov. 28.
- Web roll supporting mechanism. C. S. Crafts. 1,908,121; May 9.
- Web rolls, Handling. J. G. Bentley. 1,930,074; Oct. 10.
- Web severing device. E. H. Laabs. 1,918,407; July 18.
- Web splicing apparatus. H. A. W. Wood. 1,900,264; Mar. 7.
- Web splicing device. H. A. Wood. 1,892,974; Jan. 3.
- Web supplying and controlling mechanism. C. J. Richter. 1,904,536; Apr. 18.
- Web supplying and controlling mechanism. C. J. Richter. 1,936,916; Nov. 28.
- Web tensioning means. C. A. Dickhaut. 1,904,420; Apr. 18.
- Web tensioning mechanism. H. V. Ball and A. J. Horton. 1,925,514; Sept. 5.
- Web tensioning mechanism. A. J. Horton. 1,927,589; Sept. 19.
- Webbing. F. A. Weidhaas. 1,910,073; May 23.
- Webbing clamp. C. Beck. 1,941,382; Dec. 26.
- Webbing, Narrow. G. H. Becker. Des. 88,902; Jan. 3.
- Webbs and sheets with fluids, Treatment of. G. Blaser. 1,910,670; May 23.
- Webbs, Apparatus for drying freshly printed. E. R. Newcomb. 1,941,362; Dec. 26.
- Webbs, Method and apparatus for drying freshly printed. F. J. Tone. 1,941,323; Dec. 26.
- Webbs of paper, Method and apparatus for registering printed. F. B. Fuller. 1,898,723; Feb. 21.
- Webbs or strips, Method of and apparatus for feeding. K. S. Smith. 1,921,437; Aug. 8.
- Webbs, Supplying. W. C. Scott. 1,908,490; May 9.
- Wedding ring. E. Moldenhauer. 1,936,604; Nov. 28.
- Wedding ring. V. E. Peterson. Des. 88,984; Jan. 10.
- Wedge and making the same. T. I. Moseley. 1,931,234; Oct. 17.
- Wedge bar. H. H. Toogood. 1,924,630; Aug. 29.
- Wedge for form ties. T. C. Schenk. 1,919,751; July 25.
- Wedge, Rattleproof window. A. Weidlich. 1,931,421; Oct. 17.
- Wedge, Self-locking. W. H. Wallace, T. C. Morrison, and C. A. Bieber. 1,931,971; Oct. 24.
- Weed and foul seed destroying machine. S. S. Reishus. 1,906,127; Apr. 25.
- Weed and grass cutter. A. S. Briggs. 1,920,169; Aug. 1.
- Weed burner. A. F. Howery and F. Tripp. 1,940,170; Dec. 19.
- Weed burning apparatus. H. E. Woolery. 1,925,164; Sept. 5.
- Weed eradication. M. C. Taylor. 1,930,781; Oct. 17.
- Weed exterminator. R. J. Meyer. 1,934,080; Nov. 7.
- Weed killer. L. R. Tracy. 1,895,693; Jan. 31.
- Weedkiller, Nonalkaline chlorate. R. N. Chipman. 1,925,628; Sept. 5.
- Weed puller. C. R. Cook. 1,908,322; May 9.
- Weed removing implement. G. H. Donaldson. 1,908,735; May 16.
- Weeder. R. E. Dunford and E. W. F. McMillan. 1,903,097; Mar. 28.
- Weeder and harrow. E. E. Mael. 1,908,377; May 9.
- Weeder, Rotary. C. E. Calkins. 1,910,881; May 23.
- Weeding attachment to plows. W. T. Canton. 1,895,375; Jan. 24.
- Weft carrier. G. A. Irons, jr. 1,924,191; Aug. 29.
- Weft feeder for automatic looms for weaving. G. Diedrichs. 1,912,262; May 30.
- Weft replenishing loom, Multicolor. W. H. Wakefield. 1,914,626; June 20.

- Weft replenishing mechanism. A. D. Gargolinski. 1,919,295; July 25.
- Weft replenishment mechanism. A. A. Gordon. 1,932,778; Oct. 31.
- Wetless fabric. B. H. Foster. 1,937,558; Dec. 5.
- Weighing and calculating machine, Automatic. S. Singer. 1,913,093; June 6.
- Weighing and delivery machine. F. Musch. 1,903,263; Mar. 28.
- Weighing and filling machine. R. N. Cundall. 1,904,652; Apr. 18.
- Weighing apparatus. J. H. Morrow. 1,911,235; May 30.
- Weighing apparatus. W. H. Rees. 1,893,243; Jan. 3.
- Weighing apparatus. C. McG. Sykes. 1,936,178; Nov. 21.
- Weighing apparatus, Coin freed. A. Leeson. 1,912,584; June 6.
- Weighing apparatus for a continuous web stock. C. C. Kenyon. 1,913,120; June 6.
- Weighing apparatus for packaging onions and the like. D. R. C. Smith and J. H. Coulter. 1,899,446; Feb. 28.
- Weighing apparatus for tank contained liquefied gas. P. S. Endacott. 1,897,162; Feb. 14.
- Weighing device for vehicles. H. A. Nebel and J. Grief. 1,907,263; May 2.
- Weighing device for wagons. K. Aihara. 1,917,080; July 4.
- Weighing machine. A. Bousfield. 1,940,576; Dec. 19.
- Weighing machine. S. R. Howard. 1,893,622; Jan. 10.
- Weighing machine. S. R. Howard. 1,898,539; Feb. 21.
- Weighing machine, Coin-controlled. H. A. Hadley. 1,903,110; Mar. 28.
- Weighing machine, Controlled plural batch. P. L. M. van der Lande. 1,898,156; Feb. 21.
- Weighing machine for locomotives and other rail vehicles, Portable. H. Broscombe. 1,913,915; June 13.
- Weighing mechanism. H. R. Bridgewater. 1,897,168; Feb. 14.
- Weighing mechanism. F. S. Hebden. 1,927,263; Sept. 19.
- Weighing mechanism. R. W. Thomas. 1,897,169-70; Feb. 14.
- Weighing mechanism adapted for use in charging machines. G. R. Steere. 1,895,297; Jan. 24.
- Weight and moisture variations in paper machines and the like, Indicating. A. E. Broughton. 1,936,225; Nov. 21.
- Weight and pen holder, Combined paper. L. J. Smith. Des. 89,727; Apr. 25.
- Weight, Fishing line. P. R. Andrews. 1,897,291; Feb. 14.
- Weight for curtains and draperies. C. W. Kirsch. 1,936,198; Nov. 21.
- Weight-grading machine. H. J. and J. B. Brubaker. 1,935,075; Nov. 14.
- Weight operated switch. E. A. McNeil. Re19,024; Dec. 12.
- Weight or similar article, Paper. O. H. Beall and O. De Cardy. 90,228; July 4.
- Weight regulating apparatus for paper stock. E. Poirier. 1,939,411; Dec. 12.
- Weighting means for textile machinery spool cores. E. G. Crooks. 1,934,170; Nov. 7.
- Weighting the slip rolls for laps in textile machines wherein the material acted on is formed into laps. H. Wilkinson and A. Roe. 1,896,831; Feb. 7.
- Weights, Positioning means for poise. W. Gumprich. 1,904,446; Apr. 18.
- Weir structure. T. I. Gilbert. 1,901,956; Mar. 21.
- Weld rod. G. R. Brophy. 1,911,053; May 23.
- Weldrod coating. F. J. Esslinger. 1,903,620; Apr. 11.
- Weldrod for arc welding. R. Stresau. 1,936,693; Nov. 28.
- Weldrod holder. J. B. Tiedemann. 1,933,942; Nov. 7.
- Welded articles, Method and apparatus for producing. J. L. Adams, jr. 1,913,322; June 6.
- Welded casing. F. P. Hodgkinson. 1,898,663; Feb. 21.
- Welded construction. F. S. Bushey. 1,901,800; Mar. 14.
- Welded pipe joint. J. R. McWane. 1,937,239; Nov. 28.
- Welder, Portable. P. W. Fassler. 1,898,873; Feb. 21.
- Welding. H. S. Holmes. 1,916,373; July 4.
- Welding. R. W. Holt. 1,923,375; Aug. 22.
- Welding. G. C. Lawson. 1,901,176; Mar. 14.
- Welding. D. C. Prince. 1,935,413; Nov. 14.
- Welding. E. J. W. Ragsdale. 1,933,484; Oct. 31.
- Welding. S. Schnetzer. 1,933,937; Nov. 7.
- Welding. S. Whitworth. 1,898,923; Feb. 21.
- Welding and apparatus therefor, Method of. J. L. Anderson. 1,904,599; Apr. 18.
- Welding and cutting apparatus. A. L. Segelhorst and E. L. Launder. 1,896,497; Feb. 7.
- Welding and cutting machine. E. A. Hedenstrom. 1,931,696; Oct. 24.
- Welding and heating, Apparatus for electric induction. F. L. Sessions. 1,932,423; Oct. 31.
- Welding and heating of metals, Method of and apparatus for electric. F. L. Sessions. 1,903,359; Apr. 4.
- Welding and the like, Mechanism for electric. E. E. Dreese. 1,922,760; Aug. 15.
- Welding apparatus. J. T. H. Dempster. 1,919,978; July 25.
- Welding apparatus. H. S. Holmes. 1,902,955; Mar. 28.
- Welding apparatus. G. H. Koch. 1,936,794; Nov. 28.
- Welding apparatus. M. L. MacRae. 1,932,281; Oct. 24.
- Welding apparatus. C. W. Martin. 1,914,518; June 20.
- Welding apparatus. S. C. Osborne. 1,901,466; Mar. 14.
- Welding apparatus. W. R. Ost. 1,915,946; June 27.
- Welding apparatus. S. Schnetzer. 1,933,936; Nov. 7.
- Welding apparatus. J. A. Seede. 1,902,469; Mar. 21.
- Welding apparatus and method, Electric. J. J. Brown. 1,930,452; Oct. 10.
- Welding apparatus, Arc. F. Davis. 1,915,981; June 27.
- Welding apparatus, Arc. G. H. Koch. 1,922,249; Aug. 15.
- Welding apparatus, Arc. A. Ziska, jr. 1,895,699; Jan. 31.
- Welding apparatus, Automatic. S. A. Eskilson. 1,938,819; Dec. 12.
- Welding apparatus, Automatic arc. P. P. Alexander. 1,920,734; Aug. 1.
- Welding apparatus, Electric. H. A. Woofter. 1,915,639; June 27.
- Welding apparatus, Electric arc. J. F. Lincoln. 1,917,531; July 11.
- Welding, Apparatus for. H. W. Kachel. 1,939,452; Dec. 12.
- Welding, Apparatus for. S. Schnetzer. 1,933,938; Nov. 7.
- Welding, Apparatus for electric. G. A. Cutter. 1,924,915; Aug. 29.
- Welding, Apparatus for electric. W. E. Reed. 1,932,119; Oct. 24.
- Welding, Apparatus for use in electric spot. R. D. Bell. 1,915,846; June 27.
- Welding appliance, Electric. J. Campbell. 1,931,250; Oct. 17.
- Welding, Arc. V. J. Chapman. 1,932,263; Oct. 24.
- Welding, Arc. V. J. Chapman. 1,932,924; Oct. 31.
- Welding, Arc. V. J. Chapman and R. M. Stephens. 1,931,129; Oct. 17.
- Welding, Automatic arc. S. Sandelowsky. 1,904,086; Apr. 18.
- Welding circumferential seams and apparatus therefor. J. L. Anderson. 1,907,702; May 9.
- Welding composition. F. L. Thompson. 1,926,412; Sept. 12.
- Welding device, Automatic. K. Meller. 1,927,896; Sept. 26.
- Welding, Direct current. J. F. Lawson. 1,936,061; Nov. 21.
- Welding, Electric. D. W. Blakeslee. 1,915,047; June 20.
- Welding, Electric. W. E. Crawford and R. C. F. Kurtze. 1,934,408; Nov. 7.
- Welding, Electric. G. A. Lutz. 1,905,478-9; Apr. 25.
- Welding, Electric. G. A. Lutz and L. E. Kramer. 1,905,480; Apr. 25.
- Welding, Electric. A. W. Phelps and E. A. Kaegi. 1,899,353; Feb. 28.
- Welding, Electric. G. H. Phelps. 1,934,374; Nov. 7.
- Welding electrode. D. L. Mathias. 1,930,530; Oct. 17.
- Welding flux for nonferrous alloys. A. R. Lytle. 1,940,262; Dec. 19.
- Welding generator. A. Churchward. 1,910,825; May 23.
- Welding machine. H. S. Holmes. 1,913,029; June 6.
- Welding machine and welding, Electric. J. L. Adams, jr. 1,917,210; July 4.
- Welding machine, Arc. L. J. Kinnard. 1,921,572; Aug. 8.
- Welding machine, Automatic. E. W. Little. 1,895,577; Jan. 31.
- Welding machine control. A. J. Frantz. 1,931,255; Oct. 17.
- Welding machine, Electric resistance. E. Rietsch. 1,929,260; Oct. 3.
- Welding machine, Hand. I. E. Cole, D. T. May, and A. A. Weller. 1,897,606; Feb. 14.
- Welding machines, Device for the control of electric arc. J. Achard. 1,904,112; Apr. 18.
- Welding metal tubing, Electrically. H. F. McLoughlin. 1,904,834; Apr. 18.
- Welding method. J. L. Anderson. 1,915,914; June 27.
- Welding, Method and apparatus for. J. L. Anderson. 1,930,847; Oct. 17.
- Welding, Method and apparatus for electric. W. E. Crawford. 1,933,967; Nov. 7.
- Welding, Method and apparatus for electric arc. P. O. Noble. 1,898,060; Feb. 21.
- Welding method and apparatus therefor. J. L. Anderson. 1,915,913; June 27.
- Welding, Method of and apparatus for electric. D. W. Blakeslee. 1,915,082; June 20.
- Welding, Method of and apparatus for electric. C. A. Cadwell. 1,911,059; May 23.
- Welding process. H. J. Kerr. 1,912,901; June 6.
- Welding process. R. Palmer. 1,916,014; June 27.
- Welding process. G. F. Taylor. 1,896,853; Feb. 7.
- Welding, Resistance. J. Otto and E. Rietsch. 1,916,012-13; June 27.
- Welding rod. J. B. Austin. 1,940,574; Dec. 19.
- Welding rod. H. W. R. Biers. 1,898,933; Feb. 21.
- Welding rod. G. T. Southgate. 1,898,908; Feb. 21.
- Welding rod and making the same. W. A. Wissler. 1,903,952; Apr. 18.
- Welding rod and manufacture. R. E. Frickey and A. W. McClary. 1,926,090; Sept. 12.
- Welding rod, Arc. J. M. Keir. 1,921,528; Aug. 8.
- Welding rod, Covered. H. B. Woods. 1,905,081; Apr. 25.
- Welding rod, Flux coated. R. Notvest. 1,909,217-8; May 16.
- Welding, System of electric. G. Walmsley. 1,938,552; Dec. 5.
- Welding tool. L. H. Bevard. 1,910,668; May 23.
- Welding tool. G. B. Reed. 1,940,919; Dec. 26.
- Welding torch mixer. R. Thomas. 1,935,167; Nov. 14.
- Welding transformer, Rotary. T. M. Hunter. 1,916,218; July 4.
- Well apparatus. L. J. Black. 1,932,570; Oct. 31.

- Well apparatus. J. Littell. 1,917,135; July 4.
Well, Apparatus for cleaning a filter bed of a. P. S. Judy. 1,918,756; July 18.
Well bit. J. H. Howard and A. C. Catland. 1,923,488; Aug. 22.
Well bore angle detector and recorder. W. G. Bottum. 1,902,828; Mar. 28.
Well bore feeler. L. S. Hamer. 1,921,522; Aug. 8.
Well casing head. J. J. Santiago. 1,928,821; Oct. 3.
Well cleaning apparatus. C. R. Edwards. 1,927,310; Sept. 19.
Well control device. C. C. Brown. 1,902,540; Mar. 21.
Well drilling apparatus. J. G. Burmist. 1,938,690; Dec. 12.
Well drilling apparatus. J. Cuthill. 1,908,734; May 16.
Well drilling apparatus. A. M. Grant. 1,899,438; Feb. 28.
Well drilling apparatus. L. P. Kinnear. 1,919,845; July 25.
Well drilling apparatus. W. J. Newman. 1,928,947; Oct. 3.
Well drilling apparatus. H. D. Sandstone. 1,899,728; Feb. 28.
Well drilling apparatus. W. Sheldon. 1,900,135; Mar. 7.
Well drilling apparatus. T. G. Taylor. 1,900,029; Mar. 7.
Well drilling apparatus, Core barrel. R. P. Simmons. 1,896,106; Feb. 7.
Well drilling apparatus, Percussive. R. P. Simmons. 1,896,105; Feb. 7.
Well drilling apparatus, Underreamer. R. P. Simmons. 1,896,107; Feb. 7.
Well drilling bit. J. H. Howard. 1,899,331; Feb. 28.
Well drilling bit. J. H. Howard and A. C. Catland. 1,923,487; Aug. 22.
Well drilling machine. G. R. Watson. 1,894,432; Jan. 17.
Well drilling rigs, Mechanism for controlling pressure and feed of tools of rotary. H. W. How and L. H. Johnson. 1,924,317; Aug. 29.
Well drilling rotary. H. G. Johnston. 1,902,242; Mar. 21.
Well drilling system. W. G. Taylor. 1,925,012; Aug. 29.
Well drilling tool. J. C. Wright. 1,938,412; Dec. 5.
Well equipment. W. J. Crites and D. R. Knowlton. 1,917,701; July 11.
Well fishing device. G. J. Armstrong. 1,906,895; May 2.
Well head. J. J. Santiago. 1,933,935; Nov. 7.
Well head controller. H. Van Hooydonk. 1,920,040; July 25.
Well head equipment. C. C. Brown. 1,921,115; Aug. 8.
Well hole, Device for determining the angle of a drilled. H. L. Gillespie. 1,911,997; May 30.
Well, Method and apparatus for determining the inclination of a. F. Ahlburg. 1,925,223; Sept. 5.
Well packer. E. E. Young. 1,895,905; Jan. 31.
Well packer, Contractible and expansible. F. M. Kilmer, jr. 1,930,361; Oct. 10.
Well pipe. B. S. Gordon. 1,914,251; June 13.
Well pipe joint. F. Stone. 1,932,427; Oct. 31.
Well plunger. J. W. Pippin. 1,900,731; Mar. 7.
Well point. B. Share. 1,915,136; June 20.
Well pump. A. G. Gage. 1,907,949; May 9.
Well pump. A. G. Gage. 1,907,953; May 9.
Well pump, Fluid pressure operated. A. G. Gage. 1,907,952; May 9.
Well pump, Single valve. A. G. Gage. 1,907,948; May 9.
Well pumping apparatus. R. P. Simmons. 1,896,108; Feb. 7.
Well pumping device. C. R. Hetzler. 1,927,494; Sept. 19.
Well pumping mechanism, Deep. J. H. Young. 1,913,225; June 6.
Well pumping unit. C. J. Wolff. 1,939,751; Dec. 19.
Well reamer. D. J. Conant. 1,900,226; Mar. 7.
Well reamer. O. Hammer. 1,905,860; Apr. 25.
Well reamer. W. E. Sievers and O. Hammer. 1,906,427; May 2.
Well reaming device. A. E. Carlson. 1,893,224; Jan. 3.
Well screen. L. C. Tilbury. 1,892,912; Jan. 3.
Well screen. L. C. Tilbury. 1,899,065; Feb. 28.
Well spudding attachment for use with rotary rigs. F. J. Hinderliter. 1,912,478; June 6.
Well survey instrument. L. Dillon and R. W. Phelps. 1,923,971; Oct. 3.
Well surveying apparatus. G. L. Kothny. 1,912,485; June 6.
Well surveying device. J. V. Box and E. N. Cooke. 1,918,448; July 18.
Well surveying device. P. E. Tarlton. 1,910,720; May 23.
Well surveying device. S. H. Williston and C. R. Nichols. 1,898,473; Feb. 21.
Well-surveying instrument, Mechanism for recording rotation of a. W. J. Williams. 1,905,200; Apr. 25.
Well tool. H. C. Otis. 1,920,103; July 25.
Well turbine pump, Deep. W. E. Rose. 1,929,077; Oct. 3.
Wells, Apparatus and process for cementing. S. E. Manning. 1,910,442; May 23.
Wells, Apparatus for cementing. M. Manning. 1,941,406; Dec. 26.
Wells, Apparatus for drilling. H. A. Pippin. 1,904,522; Apr. 18.
Wells, Apparatus for flowing. E. L. Wheelless. 1,931,214; Oct. 17.
Wells, Apparatus for the straight drilling of. F. F. Hill. 1,894,039; Jan. 10.
Wells, Apparatus for use in oil and like. J. Ferguson. 1,915,219; June 20.
Wells, Constructing and operating oil. R. P. Simmons. 1,896,112; Feb. 7.
Wells, Device for cementing. J. A. Ritter. 1,937,247; Nov. 28.
Wells, Drilling. L. P. Kinnear. 1,919,844; July 25.
Wells, holes and castings, Apparatus for determining the deviation of. J. D. Lauder milk. 1,924,071; Aug. 22.
Wells in flowing condition and conserving the natural gas supply thereof. R. P. Simmons. 1,896,111; Feb. 7.
Wells, Making. R. P. Simmons. 1,896,110; Feb. 7.
Wells, Method and apparatus for drilling. R. D. Dodds. 1,908,227; May 9.
Wells, Method and device for surveying. H. P. Wickersham and G. V. Roberts. 1,930,832; Oct. 17.
Wells, Method of and apparatus for determining deviation in drilling. L. Burrell and H. West. 1,926,327; Sept. 12.
Wells, Treating deep. J. J. Grebe, R. H. Boundy, and R. T. Sanford. 1,911,446; May 30.
Wells with acids, Treating. J. J. Grebe. 1,916,122; June 27.
Wells with pressure fluid, Method of and apparatus for pumping. I. B. Winsor. 1,927,055; Sept. 19.
Welt, Finishing. A. L. Howard. 1,936,087; Nov. 21.
Welt, Finishing. R. C. Schemmel. 1,904,543; Apr. 18.
Welt, Finishing. R. C. Schemmel. 1,924,382; Aug. 29.
Welt for shoes. W. Brown. 1,907,143; May 2.
Welt for shoes. W. Brown. 1,925,045; Aug. 29.
Welt for upholstery, Finishing. C. P. Schlegel. 1,906,814; May 2.
Welt tempering device for shoe sewing machines. J. E. Thayer. 1,893,789; Jan. 10.
Weltling and producing it. G. H. Jennings. 1,911,956; May 30.
Weltling, Making. W. G. Barbour. 1,903,498; Apr. 11.
Wet classifier, Rotary. H. Hardinge. 1,917,300; July 11.
Wet-treatment, especially for washing textile goods in the form of fabrics, Process for. C. J. Fröh. 1,916,946; July 4.
Wetting agent. F. Günther. 1,901,506; Mar. 14.
Wetting agents. H. Bertsch. 1,918,373; July 18.
W-halogen-methyl derivatives of aromatic hydrocarbons and preparing the same. A. Brunner and H. Greune. 1,910,462; May 23.
Wharf, Boat. W. K. Voorhees. 1,912,049; May 30.
Wheat and flour, Treatment of. N. T. Bryan. 1,912,472; June 6.
Wheat germ, Manufacture of a disemibittered product of. E. Komm. 1,896,520; Feb. 7.
Wheatstone bridge. R. A. Kopp. 1,922,209; Aug. 15.
Wheel: See—
Abrasive wheel. Metal wheel.
Air hub wheel. Mirror wheel.
Airplane landing wheel. Motor vehicle wheel.
Airplane wheel. Power driven swiveled wheel.
Automobile wheel. Resilient wheel.
Bucket wheel. Rotary wheel.
Buffer wheel. Roughing wheel.
Buffing wheel. Shock absorbing wheel.
Car wheel. Skate wheel.
Caster wheel. Spoke wire wheel.
Composite steering wheel. Spring wheel.
Cup grinder wheel. Sprocket wheel.
Cushion cleat wheel. Steel wheel.
Cushion wheel. Steering wheel.
Demountable rim wheel. Suction fan wheel.
Demountable spoked wheel. Tail wheel.
Design wheel. Tire compressed air wheel.
Dual wheel. Toy wind-wheel.
Escape wheel. Traction drive wheel.
Expansible wheel. Traction wheel.
Fan wheel. Tractor wheel.
Ferris wheel. Truck wheel.
Fly wheel. Vehicle steering wheel.
Gear wheel. Vehicle wheel.
Grinding wheel. Wire wheel.
Lawn mower wheel.
Wheel. C. S. Ash. 1,924,970; Aug. 29.
Wheel. C. S. Ash. 1,939,641; Dec. 19.
Wheel. G. T. Balfie. 1,939,095; Dec. 12.
Wheel. C. J. Blakeslee. 1,919,924-5; July 25.
Wheel. H. F. Dixon. 1,939,489; Dec. 12.
Wheel. F. C. Frank. 1,900,101; Mar. 7.
Wheel. F. C. Frank. 1,934,972; Nov. 14.
Wheel. H. A. Greenwald. 1,897,375; Feb. 14.
Wheel. L. E. La Brie. 1,914,996; June 20.
Wheel. L. E. La Brie. 1,936,877; Nov. 28.
Wheel. I. M. Laddon. 1,928,061; Sept. 26.
Wheel. A. R. Lambert. 1,905,473; Apr. 25.
Wheel. A. R. Lambert. 1,929,501; Oct. 10.
Wheel. P. M. Miller. 1,899,289; Feb. 28.
Wheel. M. E. Roe. 1,938,862; Dec. 12.
Wheel. C. W. Sinclair. Des. 89,455; Mar. 14.
Wheel. J. G. Swain. 1,911,593; May 30.
Wheel. J. W. Vanderveer. 1,924,385; Aug. 29.
Wheel. C. H. White. 1,919,539; July 25.
Wheel. J. W. White. 1,933,199; Oct. 31.
Wheel aligning device. J. C. Craggum. 1,894,532; Jan. 17.
Wheel aligning gauge. F. M. Erickson. 1,894,370; Jan. 17.
Wheel aligning gauge. H. R. Kennedy. 1,903,051; Mar. 28.
Wheel alignment gauge. G. H. Taber. 1,911,725; May 30.
Wheel and axle construction, Antifriction. A. H. Oelkers. 1,902,910; Mar. 28.

- Wheel and axle therefor, Swiveled. H. T. Lambert. 1,938,030; Dec. 5.
- Wheel and brake for motor vehicles. A. D. Robbins. 1,898,313; Feb. 21.
- Wheel and coupling construction, Trailer fifth. H. F. Fellows. 1,933,622; Nov. 7.
- Wheel and making same, Car. F. A. Fahrenwald. 1,908,741; May 16.
- Wheel and making the same, Car. F. A. Fahrenwald. 1,908,740; May 16.
- Wheel and making the same, Steering. H. E. Waner. 1,925,887; Sept. 5.
- Wheel and mounting therefor, Vehicle. J. Drzewiecki. 1,903,443; Apr. 11.
- Wheel and rim holder for automobiles. I. M. Mondloch. 1,937,833; Dec. 5.
- Wheel and tire lock, Spare. F. A. Smith. 1,913,005; June 6.
- Wheel arrangement for motor busses, Rear. H. E. A. Hallett. 1,897,934; Feb. 14.
- Wheel attaching means. O. U. Zerk. 1,937,051; Nov. 28.
- Wheel attachment for motor vehicles, Six. G. L. Knox. 1,926,727; Sept. 12.
- Wheel balancing. B. Cataline. 1,917,575; July 11.
- Wheel balancing. J. W. Sailer. 1,896,974; Feb. 7.
- Wheel-balancing means. C. H. Phelps. 1,912,496; June 6.
- Wheel brake. E. F. Goodyear and J. Wright. 1,937,563; Dec. 5.
- Wheel carrier and lock, Spare. C. M. Ellenberger and F. A. Smith. 1,894,945; Jan. 24.
- Wheel chair. C. C. Steiger. 1,917,557; July 11.
- Wheel chock, Adjustable and collapsible. G. F. Chisholm. 1,894,439; Jan. 17.
- Wheel combination fellow and spacer ring. G. Walther. 1,927,579; Sept. 19.
- Wheel construction. P. M. Miller. 1,921,475; Aug. 8.
- Wheel construction. G. Stinson and S. Fred. 1,926,602; Sept. 12.
- Wheel construction. E. R. Vaughn. 1,935,488; Nov. 14.
- Wheel construction, Fifth. J. S. Edwards. 1,922,359; Aug. 15.
- Wheel construction for tractors and semitrailers, Fifth. D. H. Davis. 1,892,797; Jan. 3.
- Wheel construction, Tail. A. E. Raymond. 1,895,682; Jan. 31.
- Wheel construction, Truss. I. H. Athey. 1,940,835; Dec. 26.
- Wheel demounting means. A. S. Van Halteren. 1,894,287; Jan. 17.
- Wheel device, Free. E. H. J. C. Gillett. 1,915,885; June 27.
- Wheel dresser. G. F. Taylor. 1,904,100; Apr. 18.
- Wheel flange and rail lubricating apparatus. H. Miller, jr. 1,912,490; June 6.
- Wheel flange lubricator. F. W. Blanchard. 1,935,933; Nov. 21.
- Wheel for automobiles, Auxiliary. H. D. Pratt. 1,904,081; Apr. 18.
- Wheel for automobiles, Drive or power. L. N. Lyon, sr. 1,899,097; Feb. 28.
- Wheel for connecting tractors to different types of trailers, Fifth. C. H. Land and W. H. Wilson. 1,900,115; Mar. 7.
- Wheel for harvester threshers, Grain. A. B. Welty. 1,932,096; Oct. 24.
- Wheel for harvesters, Ground. A. C. Lindgren. 1,906,473; May 2.
- Wheel for knitting machines, Trick. W. Larkin. 1,940,598; Dec. 19.
- Wheel for motor vehicles. F. W. Burger. 1,923,811; Aug. 22.
- Wheel for motor vehicles and the like. A. J. Michelin. 1,928,063; Sept. 26.
- Wheel for railway vehicles, Flanged. G. F. A. Cortis. 1,909,572; May 16.
- Wheel for seeding machines, Mulching. B. P. Johnson. 1,901,299; Mar. 14.
- Wheel for vehicles and airplanes. T. R. Harlan. 1,923,975; Aug. 22.
- Wheel gauging device. H. Christensen and G. W. Rock. 1,927,488; Sept. 19.
- Wheel gear, Sun and planet. E. Uhlich and W. Ballentine, gennant Mielke. 1,899,999; Mar. 7.
- Wheel grip for traction wheels. L. F. Moroney. 1,927,132; Sept. 19.
- Wheel guide for motor-vehicle-servicing hoists. C. J. Bristol. 1,925,432; Sept. 5.
- Wheel hobbing machine, Worm. E. W. Miller. 1,927,946; Sept. 26.
- Wheel holding device. J. A. Peters. 1,920,592; Aug. 1.
- Wheel hub, Disk. F. L. Main. 1,914,575; June 20.
- Wheel hub forging. A. Lefere. 1,913,492; June 13.
- Wheel hub shell assembly, Wire. J. H. Hunt and H. J. Horn. 1,910,250; May 23.
- Wheel hubs, Making. E. Riemenschneider and G. C. R. Kuiper. 1,923,911; Oct. 3.
- Wheel lock, Demountable. A. C. Hynan. 1,904,371; Apr. 18.
- Wheel lock, Steering. G. A. Gillen. 1,898,122; Feb. 21.
- Wheel lubricator, Flange. E. O. Corey. 1,934,407; Nov. 7.
- Wheel lug cleaner, Tractor. F. W. Burgess. 1,895,147; Jan. 24.
- Wheel mounting and steering gear. G. F. Gerken. 1,915,224; June 20.
- Wheel of road vehicles. N. Straussler. 1,906,776; May 2.
- Wheel of the wire spoke type, Vehicle. C. Majewicz. Des. 88,975; Jan. 10.
- Wheel propeller, Stern. A. W. Taylor. 1,908,631; May 9.
- Wheel propulsion mechanism for boats, Stern-paddle. R. Ensenat. 1,905,162; Apr. 25.
- Wheel puller. A. L. Cornwell. 1,895,448; Jan. 31.
- Wheel puller. H. V. Hall. 1,925,634; Sept. 5.
- Wheel puller, Automobile. O. Ottesen. 1,896,009; Jan. 31.
- Wheel ramp. L. L. Coomber. 1,902,218; Mar. 21.
- Wheel rim ornamental bead. G. A. Lyon. 1,920,575; Aug. 1.
- Wheel rim, Vehicle. J. U. Koree. 1,931,229; Oct. 17.
- Wheel rims, Machine for making. C. C. Grotnes. 1,920,303; Aug. 1.
- Wheel roller and the like. F. J. Jarvis and C. N. Fretts. 1,932,289; Oct. 24.
- Wheel spoke washer. J. D. Garvey. 1,936,757; Nov. 28.
- Wheel spreader. J. A. Abreo. 1,909,264; May 16.
- Wheel spring device. R. Porcello. 1,938,498; Dec. 5.
- Wheel stop. A. H. Told. 1,901,204; Mar. 14.
- Wheel structure. A. O. Brooke. 1,897,789; Feb. 14.
- Wheel structure. H. J. Rober. 1,938,041; Dec. 5.
- Wheel structure, Dual. A. L. Lussier. 1,903,121; Mar. 28.
- Wheel structure, Metal. J. L. Hecht. 1,920,859; Aug. 1.
- Wheel structure, Tractor semitrailer fifth. F. M. Reid. 1,925,279; Sept. 5.
- Wheel stud. C. L. Eksergian and G. L. Kelley. 1,939,769; Dec. 19.
- Wheel support. E. H. Coquille. 1,895,024; Jan. 24.
- Wheel suspension means. B. Burns. 1,932,445; Oct. 31.
- Wheel suspension, Vehicle independent. C. and W. D. Ratcliff. 1,915,474; June 27.
- Wheel truing device. R. V. Hutchinson. 1,937,961; Dec. 5.
- Wheel washer, Automobile. B. B. Randrup. 1,909,869; May 16.
- Wheels and tires, Device for handling automobile. T. N. Clark. 1,892,979; Jan. 3.
- Wheels, Apparatus for making forged steel. C. S. Swanson. 1,897,645; Feb. 14.
- Wheels, Apparatus for making wire. H. W. Kranz, C. S. Holden, and H. R. Uber. 1,901,457; Mar. 4.
- Wheels, Attaching device for. S. Wise. 1,915,564; June 27.
- Wheels, Device for dressing grinding. W. Shotey. 1,912,410; June 6.
- Wheels, Device for protecting. J. J. Kleinhenz. 1,909,687; May 16.
- Wheels, Differentially truing wire. C. L. Eksergian. 1,921,223; Aug. 8.
- Wheels, Forming suspension wire. W. N. Booth. 1,923,476; Aug. 22.
- Wheels, Forming vehicle. P. M. Miller. 1,925,594; Sept. 5.
- Wheels in gear boxes of lathes and other machine tools, Device for shifting the. W. Mobius. 1,915,374; June 27.
- Wheels, Making. L. E. Endsley. 1,937,878; Dec. 5.
- Wheels, Making artillery. C. L. Eksergian. 1,907,762; May 9.
- Wheels, Making forged steel. C. S. Swanson. 1,897,646; Feb. 14.
- Wheels, Making steering. E. R. Marbach and G. F. Cavanagh. 1,905,926; Apr. 25.
- Wheels, Making steering. C. N. Mitchell. 1,912,088; May 30.
- Wheels, Making tension. J. L. Hecht. 1,904,458; Apr. 18.
- Wheels, Manufacture of wire. C. L. Eksergian. 1,935,701; Nov. 21.
- Wheels, Manufacturing metallic gear. A. A. Ross. 1,908,187; May 9.
- Wheels, Manufacturing spoked. C. S. Ash. 1,933,956; Nov. 7.
- Wheels, Reconstructing metal. B. S. Turner. 1,935,865; Nov. 21.
- Wheels, Reformation of metal. A. P. Conner and R. L. Jasperson. 1,940,247; Dec. 19.
- Whey concentrate, Preparing. E. E. Eldredge. 1,923,427; Aug. 22.
- Whipper and dispenser. M. E. Carbonel. 1,913,189; June 6.
- Whipstock. J. S. Abercrombie. 1,901,854; Mar. 14.
- Whipstock. L. C. Kelly. 1,901,453; Mar. 14.
- Whipstock. A. G. McCoy and B. W. Sunde. 1,923,448; Aug. 22.
- Whipstock for wells. J. S. Abercrombie. 1,927,863; Sept. 26.
- Whipstocks in well bores, Cementing. L. C. Kelly. 1,901,454; Mar. 14.
- Whirligig. E. C. Hough. 1,907,815; May 9.
- Whirlpool cleaner. R. T. Stull. 1,923,515; Aug. 22.
- Whist table. J. E. Fuller. 1,909,340; May 16.
- Whistle for cooking vessels. C. Fischer. 1,926,479; Sept. 12.
- Whistle, Illuminated. W. O. Benjafield. 1,930,504; Oct. 17.
- Whistle, Whirl. J. H. Brady. 1,901,547; Mar. 14.
- White light. L. B. Beck. 1,903,495; Apr. 11.
- White light tube. L. B. Beck. 1,903,494; Apr. 11.
- Wick. P. Barger. 1,901,834; Mar. 14.
- Wick. J. R. Dennis. 1,936,663; Nov. 28.

- Wick burner. W. C. Lindemann and G. C. Lorenz. 1,918,851; July 18.
- Wick carrying means. N. F. Fretter. 1,903,260; Mar. 28.
- Wick oiler. J. J. Aull. 1,901,621; Mar. 14.
- Winch. W. C. Wood. 1,893,723; Jan. 10.
- Winch brake. E. A. Freeman and T. C. Smith. 1,927,978; Sept. 26.
- Winch clutch and brake. A. E. Freeman and W. T. Livermore. 1,936,713; Nov. 28.
- Winch, especially for use in granaries. P. Wilsing. 1,925,474; Sept. 5.
- Winch, Motor driven. L. G. Rigondeau. 1,908,556; May 9.
- Wind board. C. M. Stith. 1,922,986; Aug. 15.
- Windbreaks, Device for and method of securing. J. Ledwinka. 1,896,632; Feb. 7.
- Wind cone, Internally lighted. H. W. Huking. 1,913,672; June 13.
- Wind deflector for vehicles. A. G. Goldberg. 1,922,159; Aug. 15.
- Wind driven unit. J. H. Jacobs. 1,930,390; Oct. 10.
- Wind harness for electric energy. C. M. Evans. 1,923,971; Aug. 22.
- Wind indicator for airplane landing fields. F. M. Czapiewski. 1,902,763; Mar. 21.
- Wind instrument. V. Fiorino. 1,924,399; Aug. 29.
- Windmill. K. H. Leash. 1,917,655; July 11.
- Windmill. I. T. Moore. 1,915,689; June 27.
- Windmill. R. L. Newman. 1,909,216; May 16.
- Windmill. W. S. Pope. 1,939,317; Dec. 12.
- Windmill construction. J. S. Baker. 1,917,631; July 11.
- Windmill construction. J. A. Lund. 1,927,645; Sept. 19.
- Windmill pullover. E. J. Knapp. 1,931,292; Oct. 17.
- Wind motor. J. Herrero. 1,914,426; June 20.
- Wind motor. C. E. Miller. 1,909,208; May 16.
- Wind protection for railway systems, Side. F. Kruckenberg and C. Stedefeld. 1,902,783; Mar. 21.
- Windscreens. F. A. Taylor. 1,905,763; Apr. 25.
- Windshield. A. F. Gauger. 1,921,519; Aug. 8.
- Windshield. O. L. Herron. 1,927,033-4; Sept. 19.
- Windshield. R. G. F. Loewy. 1,893,709; Jan. 10.
- Windshield, Alternating. S. E. Barth and H. Magidson. 1,909,741; May 16.
- Windshield, Alternating. J. Magidson, S. E. Barth, and H. Magidson. 1,909,779; May 16.
- Windshield attaching construction, Side. J. P. Callahan. 1,940,995; Dec. 26.
- Windshield attachment. C. C. Capshaw. 1,895,970; Jan. 31.
- Windshield attachment. J. Cunningham. 1,930,002; Oct. 10.
- Windshield cleaner. R. M. Critchfield and J. W. Lawson. 1,906,047; Apr. 25.
- Windshield cleaner. C. A. Dupuis. 1,931,605; Oct. 24.
- Windshield cleaner. H. Hueber. 1,911,155; May 23.
- Windshield cleaner. H. Hueber and E. C. Horton. 1,913,308; June 6.
- Windshield cleaner. L. Lunsford. 1,919,236; July 25.
- Windshield cleaner, Automatic. J. R. Oishei and E. C. Horton. 1,912,994; June 6.
- Windshield cleaner device for airplanes. S. A. Morehouse. 1,902,254; Mar. 21.
- Windshield cleaner, Dual wiper parking. J. R. Oishei. 1,937,160; Nov. 28.
- Windshield cleaner with remote control. H. Hueber and E. C. Horton. 1,938,336; Dec. 5.
- Windshield construction. J. S. MacMullen. 1,918,922; July 18.
- Windshield construction and cleaner therefor. H. Hueber. 1,929,531; Oct. 10.
- Windshield for automobiles. E. L. Kraft. 1,941,176; Dec. 26.
- Windshield for motor cars and the like. Z. Kitamura. 1,939,122; Dec. 12.
- Windshield for vehicles, Motor warmed. A. S. Dickerson. 1,909,931; May 23.
- Windshield heater. R. E. Evans. 1,917,023; July 4.
- Windshield heater. D. N. Fantaci. 1,918,387; July 18.
- Windshield heater. E. J. Gallagher, Jr. 1,894,861; Jan. 17.
- Windshield heater. R. A. Noble. 1,914,454; June 20.
- Windshield heater. A. Ornberg. 1,903,314; Apr. 4.
- Windshield heater. E. F. Plumb. 1,906,807; May 2.
- Windshield heater. F. H. Rowe. 1,916,895; July 4.
- Windshield heater. G. J. Seiss. 1,925,114; Sept. 5.
- Windshield heater. E. A. Small. 1,923,461; Aug. 22.
- Windshield heater, Automobile. M. A. Harris. 1,906,793; May 2.
- Windshield heater, Electrical. F. L. Petree. 1,933,220; Oct. 31.
- Windshield, Microphone. R. K. Spotts. 1,901,065; Mar. 14.
- Windshield operating mechanism. A. T. Potter. 1,921,260; Aug. 8.
- Windshield operating mechanism. H. G. Thunder. 1,899,367; Feb. 28.
- Windshield, Sliding. C. E. Hathorn. 1,939,051; Dec. 12.
- Windshield warmer. G. H. Osgood. 1,892,847; Jan. 3.
- Windshield warmer and ventilator. J. M. Swain. 1,936,776; Nov. 28.
- Windshield warming device. D. L. Young. 1,928,277; Sept. 26.
- Windshield wiper motor. E. V. Hennecke and D. Kuskin. Des. 90,983; Nov. 7.
- Windshields for projectiles, Making. J. L. Cox and B. M. Fine. 1,908,120; May 9.
- Wind turbogenerator. E. C. Groves. 1,936,233; Nov. 21.
- Wind-up mechanism. K. E. Anderson. 1,925,580; Sept. 5.
- Wind velocity, Device for indicating. R. E. Apthorp. 1,897,658; Feb. 14.
- Wind wing attachment, Pivotaly supported. A. P. Robinson. 1,928,232; Sept. 26.
- Winding and tensioning mechanism for cord braiding machines. J. F. Schenck, sr. 1,937,414; Nov. 28.
- Winding apparatus. C. E. Traxel. 1,908,872; May 16.
- Winding crown for watches without a pendant. H. Wilsdorf. 1,910,078; May 23.
- Winding device. E. R. Swanson. 1,936,036; Nov. 21.
- Winding device for the manufacturing of boxes, for instance the outer casings of push boxes and similar articles. B. A. E. Johnson. 1,902,033; Mar. 21.
- Winding device for timepieces, Automatic. F. Barbezat. 1,909,998; May 23.
- Winding device for use in permanent waving. W. H. Cooper. 1,941,389; Dec. 26.
- Winding drum for railway car hand brakes. R. W. Burnett. 1,911,057; May 23.
- Winding frame. O. Stenglein. 1,905,426; Apr. 25.
- Winding gear for tape measures and the like. F. Bertram. 1,937,866; Dec. 5.
- Winding indicator and limiting mechanism. L. Bornfriend. 1,937,310; Nov. 28.
- Winding machine. E. J. Abbott. 1,911,047; May 23.
- Winding machine. J. A. Anderson. 1,928,365; Sept. 26.
- Winding machine. J. Brenzinger. 1,926,031; Sept. 12.
- Winding machine. L. M. Cotchett. 1,926,710; Sept. 12.
- Winding machine. R. O. Eaton and E. Vars. 1,933,820; Oct. 31.
- Winding machine. N. Gribojedoff. 1,904,726; Apr. 18.
- Winding machine. W. E. Hale. 1,898,987; Feb. 21.
- Winding machine. A. Littlefield. 1,934,363; Nov. 7.
- Winding machine. A. W. Phelps and J. W. Campbell. 1,931,009; Oct. 17.
- Winding machine. A. F. Pym. 1,918,714; July 18.
- Winding machine. F. A. Reece. 1,915,241; June 20.
- Winding machine. I. R. Rowe. 1,895,865; Jan. 31.
- Winding machine. C. E. Smart. 1,951,591; Oct. 24.
- Winding machine. E. R. Swanson. 1,895,741; Jan. 31.
- Winding machine. E. R. Swanson. 1,899,651; Feb. 28.
- Winding machine for stator cores, Edgewise. H. E. Carlson. 1,920,154; July 25.
- Winding machines and the like, Traverse-motion for. J. K. Bryant. 1,918,587; July 18.
- Winding machines, Ejecting and delivery device for. R. M. Johnstone. 1,926,774; Sept. 12.
- Winding mechanism. J. Brenzinger. 1,899,227; Feb. 28.
- Winding mechanism. J. Clayton. 1,904,411; Apr. 18.
- Winding mechanism. L. Oskow. 1,919,122; July 18.
- Winding mechanism for stock quotation projecting machines. A. D. Eitzen. 1,907,761; May 9.
- Windlass. C. V. Koons. 1,929,641; Oct. 10.
- Window. J. G. Dudley. 1,919,418; July 25.
- Window. L. F. Exner. 1,921,074; Aug. 8.
- Window. C. Goering. 1,924,782; Aug. 29.
- Window. A. Kotler. 1,910,344; May 23.
- Window. W. O. Miller. 1,914,447; June 20.
- Window. W. M. Neeb. 1,906,997; May 2.
- Window. B. H. Pollock and J. H. Sheard. 1,897,010; Feb. 7.
- Window. H. T. Reynolds. 1,911,292; May 30.
- Window. H. T. Reynolds. 1,928,543; Sept. 26.
- Window. F. X. Ripp. 1,932,938; Oct. 31.
- Window. J. H. Sheard and B. H. Pollock. 1,929,059; Aug. 29.
- Window. B. A. Stere and E. C. Ausnehmer. 1,922,505; Aug. 15.
- Window. J. L. Tresouthick. 1,896,023; Jan. 31.
- Window adjustment for collapsible vehicle tops. K. G. Dittus. 1,935,468; Nov. 14.
- Window alarm switch. G. P. Davis. 1,928,247; Sept. 26.
- Window and attached window opener. G. Hein. 1,896,745; Feb. 7.
- Window and curtain guide construction. T. W. Holt. 1,940,625; Dec. 19.
- Window and light, Corrugated glass. P. G. Masters. 1,899,912; Feb. 28.
- Window and radiator inclosure, Combination. F. C. Reynolds. 1,921,040; Aug. 8.
- Window and sash construction. R. T. Axe. 1,922,009; Aug. 8.
- Window and sash door, Sash. O. O. Hult and O. F. Hellström. 1,895,098; Jan. 24.
- Window and the like, Casement. C. L. Pettit. 1,907,091; May 2.
- Window and weatherstrip for windows. F. W. and B. W. Stevens. 1,919,047; July 18.
- Window and weather strip for windows. F. W., N. and B. W. Stevens. 1,927,423; Sept. 19.
- Window appliance, Rumble seat. J. D. Phillips. 1,901,829; Mar. 14.
- Window, Awning type. E. F. Wiley. 1,934,290; Nov. 7.
- Window bag. A. A. Scholl. 1,926,065-6; Sept. 12.
- Window balancing means. J. Hellinga, sr. 1,940,750; Dec. 26.
- Window box frame. G. E. Deatherage. 1,898,082; Feb. 21.
- Window bracket. G. B. Grafton. 1,930,938; Oct. 17.
- Window, Carriage. J. Kellner. 1,929,892; Oct. 10.
- Window, Casement. T. Johnson. 1,898,543; Feb. 21.

- Window, Casement. A. W. Nelson. 1,922,494; Aug. 15.
 Window, Central hinged. H. E. Campbell. 1,908,285; May 9.
 Window chair. G. Svejda, jr. 1,912,319; May 30.
 Window channel. C. P. Schlegel. 1,895,688; Jan. 31.
 Window channel. C. P. Schlegel. 1,914,216; June 13.
 Window channel. C. P. Schlegel. 1,921,484; Aug. 8.
 Window channel. C. P. Schlegel. 1,928,574; Sept. 26.
 Window check, Spring door and. O. G. I. O'Heir. 1,918,924; July 18.
 Window cleaner, Portable. I. M. Oldham. 1,914,755; June 20.
 Window cleaner protector. I. Weiss. 1,925,888; Sept. 5.
 Window cleaner's seat. J. W. Nevin. 1,930,369; Oct. 10.
 Window cleaning apparatus. C. Gebrig. 1,924,922; Aug. 29.
 Window cleaning device. E. J. Curry. 1,922,078; Aug. 15.
 Window cleaning device. A. Dixon. 1,923,813; Aug. 22.
 Window cleaning device. A. B. Halsey. 1,924,852; Aug. 29.
 Window cleaning device. V. R. Hedden. 1,920,860; Aug. 1.
 Window cleaning device. F. J. Smith. 1,932,192; Oct. 24.
 Window closer, Automatic. B. H. Weaver. 1,893,260; Jan. 3.
 Window closure. R. H. Vansant. 1,907,021; May 2.
 Window construction. E. D. Barringer. Re18,926; Aug. 29.
 Window construction. J. T. Berger. 1,907,237; May 2.
 Window construction. G. H. Britain. 1,919,359; July 25.
 Window construction. J. V. Desmarais. 1,893,763; Jan. 10.
 Window construction. A. C. Fast. 1,922,360; Aug. 15.
 Window construction. W. S. Hamm. 1,913,756; June 13.
 Window construction. C. W. Kelly. 1,903,309; Apr. 4.
 Window construction. C. W. Kelly. 1,909,363; May 16.
 Window construction. A. J. Klein. 1,933,558; Nov. 7.
 Window construction. M. Lochner. 1,933,916; Nov. 7.
 Window construction. S. Menton. 1,922,057; Aug. 15.
 Window construction. G. E. Ostroot and S. Westerheim. 1,895,339; Jan. 24.
 Window construction. F. J. Plym. 1,925,817; Sept. 5.
 Window construction. W. A. Schoening. 1,902,973; Mar. 28.
 Window construction. H. D. Sevison. 1,913,726; June 13.
 Window construction. A. Ulrich. 1,923,805; Aug. 22.
 Window construction. P. Willmann. 1,904,110; Apr. 18.
 Window construction. E. A. Zetmeir. 1,905,024; Apr. 25.
 Window construction, Sliding. E. J. Hardtke. 1,907,798; May 9.
 Window construction, Vehicle body. O. F. Graebner. 1,939,976; Dec. 19.
 Window construction (widthwise adjustable sash). R. T. Axe. 1,927,782; Sept. 19.
 Window construction (widthwise adjustable sash guide). R. T. Axe. 1,922,010; Aug. 8.
 Window device. J. B. Clay and L. R. Wilson. 1,899,943; Mar. 7.
 Window display unit. E. W. Rost. 1,915,762; June 27.
 Window, Electrically operated. E. Mosher. 1,916,579; July 4.
 Window fan bracket. W. E. Lundell. 1,912,287; May 30.
 Window fastener. E. P. Huttger. 1,900,936; Mar. 14.
 Window fastener. G. H. Luneberg. 1,938,253; Dec. 5.
 Window fixture. W. F. Ferguson. 1,899,800; Feb. 28.
 Window for automobiles, Weather. F. J. Barnes. 1,930,739; Oct. 17.
 Window for detention hospitals. J. H. Welsh. 1,927,967; Sept. 26.
 Window frame. C. Catlett. 1,913,067; June 6.
 Window frame. A. A. Guillaume. 1,930,801; Oct. 17.
 Window frame. C. Hortman. 1,899,330; Feb. 28.
 Window frame. T. A. Kemp. 1,917,845; July 11.
 Window frame. H. G. Klopp. 1,923,832-3; Aug. 22.
 Window frame. J. F. Miller. 1,906,398; May 2.
 Window frame. J. M. Miller. 1,922,741; Aug. 15.
 Window frame and sash construction. R. T. Axe. 1,927,781; Sept. 19.
 Window frame and wall-joint construction. S. Madsen. 1,935,037; Nov. 14.
 Window frame comprising slidable sashes. T. J. Anderson. 1,918,010; July 11.
 Window frame construction. F. F. Bell. 1,902,209; Mar. 21.
 Window glass channel. D. C. Bailey. 1,903,541; Apr. 11.
 Window glass channel. E. W. M. Bailey. 1,931,881; Oct. 24.
 Window glass cushioning device. C. C. Dunn. 1,919,013; July 18.
 Window guard and screen, Combined. J. P. Condon. 1,902,949; Mar. 28.
 Window guard attachment, Metal. D. McDonald. 1,893,176; Jan. 3.
 Window guide channel and making same. E. E. Davidson. 1,939,879; Dec. 19.
 Window having frames and metal sashes. S. Lewerentz. 1,934,546; Nov. 7.
 Window hinge, Reversible. S. H. Brewer. 1,904,717; Apr. 18.
 Window, Inside storm. F. R. Large. 1,911,232; May 30.
 Window, Knockdown sheet metal. W. H. Klauer. 1,936,513; Nov. 21.
 Window latch. H. Lorenzen. 1,918,114; July 11.
 Window lock. W. T. Hall. 1,906,153; Apr. 25.
 Window lock. N. M. Omelusik. 1,930,725; Oct. 17.
 Window lock. J. M. Rurka. 1,894,060; Jan. 10.
 Window lock, Automatic. E. T. Goodrich. 1,925,244; Sept. 5.
 Window locking device. H. Sarrasin. 1,928,655; Oct. 3.
 Window, Metal. A. Fien. 1,900,175; Mar. 7.
 Window, Metal. A. Fien. 1,900,177; Mar. 7.
 Window, Motor vehicle. U. R. Beck and H. A. Stoltzenberg. 1,914,066; June 13.
 Window, Motor vehicle traffic signal. S. H. Smith and R. C. Myers. 1,909,639; May 16.
 Window operating device. J. H. Davis. 1,909,814; May 16.
 Window operating device. P. W. Winkelmann. 1,935,968; Nov. 21.
 Window operating means, Auto. W. F. Shetzline. 1,919,671; July 25.
 Window operating mechanism. H. P. Brown and E. D. Anderson. 1,924,706; Aug. 29.
 Window operator. E. J. Hardtke. 1,907,799; May 9.
 Window operator. R. N. Riblet. 1,923,459; Aug. 22.
 Window operator and lock, Casement. W. E. Drummond. 1,916,562; July 4.
 Window operator, Casement. T. Johnson. 1,924,557; Aug. 29.
 Window organization, Curved-edge. T. Vigmostad. 1,938,199; Dec. 5.
 Window pane retaining strip. A. Brezinski. 1,918,797; July 18.
 Window, Pivot. J. H. Sheard. 1,896,057; Jan. 31.
 Window, Pivot. H. T. Walton. 1,909,321; May 16.
 Window protection, Casement. W. F. Moss. 1,902,335; Mar. 21.
 Window reflections, Nullifying or reducing. G. Brown. 1,911,881; May 30.
 Window regulating mechanism. E. L. Ackerman and J. J. Moore. 1,907,028; May 2.
 Window regulator. E. L. Ackerman. 1,939,158; Dec. 12.
 Window regulator. E. L. Ackerman and A. J. Zwierzina. 1,925,785; Sept. 5.
 Window regulator. E. L. Ackerman and A. J. Zwierzina. 1,939,245; Dec. 12.
 Window regulator. A. L. Hansen. 1,928,423; Sept. 26.
 Window regulator. J. W. Lakin and H. C. Field. 1,892,731; Jan. 3.
 Window regulator. S. W. Nicholson. 1,903,353; Apr. 4.
 Window regulator. S. W. Nicholson. 1,916,865; July 4.
 Window regulator. S. W. Nicholson. 1,925,401; Sept. 5.
 Window regulator. S. W. Nicholson. 1,937,662; Dec. 5.
 Window regulator. S. W. Nicholson. 1,937,906; Dec. 5.
 Window regulator. L. B. Rivard. 1,921,263; Aug. 8.
 Window regulator. J. H. Roethel. 1,931,738; Oct. 24.
 Window regulator. C. Sattler and H. B. Haskins. 1,925,501; Sept. 5.
 Window regulator, Automatic. E. L. Ackerman. 1,907,027; May 2.
 Window, Robbery proof cashier's. J. J. Gloria. 1,916,828; July 4.
 Window, Sash. H. Thomas. 1,941,369; Dec. 26.
 Window sash construction. C. L. Shaffer. 1,908,270; May 9.
 Window sash meeting rail. H. B. Foresman. 1,923,533; Aug. 22.
 Window scaffold. J. M. Oberti. 1,932,707; Oct. 31.
 Window screen. J. Brewer. 1,933,584; Nov. 7.
 Window screen. B. J. Cornelius. 1,939,955; Dec. 19.
 Window screen. G. Harlow. 1,913,077; June 6.
 Window screen. W. W. Keeler. 1,935,122; Nov. 14.
 Window screen. R. A. and G. H. Norquist. 1,918,660; July 18.
 Window screen. L. A. Ray. 1,893,651; Jan. 10.
 Window screen. J. J. Ritter. 1,899,358; Feb. 28.
 Window screen. H. E. Williams, H. L. Garrigues, and W. F. Richardson. 1,918,073; July 11.
 Window screen, Adjustable. J. G. Shurgott. 1,936,041; Nov. 21.
 Window screen, Automobile. L. L. Bredin. 1,904,968; Apr. 18.
 Window screen, Automobile. B. Z. Woodruff. 1,914,228; June 13.
 Window seat. W. H. Desselmann. 1,936,501; Nov. 21.
 Window seat. O. Jung. 1,932,161; Oct. 24.
 Window seat, Safety. W. La Grance. 1,894,878; Jan. 17.
 Window set. A. F. Core. 1,914,242; June 13.
 Window-shade cutter. A. Weiss. 1,925,125; Sept. 5.
 Window, Show. E. F. Allen. 1,903,879; May 16.
 Window-sill construction. E. R. Williams. 1,920,045; Oct. 3.
 Window, Sliding. A. Herman. 1,935,559; Nov. 14.
 Window, Sliding. E. Munkert. 1,922,775; Aug. 15.
 Window, Storm. L. R. Gollnick. 1,940,796; Dec. 26.
 Window structure. W. J. Klemm. 1,919,371; July 25.
 Window structure. H. W. Nagel. 1,916,681; July 4.
 Window structure. O. L. Ware. 1,920,614; Aug. 1.
 Window structure, Metal. A. H. Schaffert. 1,936,270; Nov. 21.
 Window structure, Metallic. A. L. Doering. 1,941,432; Dec. 26.
 Window structure, Metallic. A. H. Schaffert. 1,936,268; Nov. 21.
 Window, Swingable sash. A. A. Ward. 1,929,962; Oct. 10.
 Window Uniframe ship's. W. L. Kraemer. 1,931,661; Oct. 24.
 Window, Vehicle. P. J. Osborne. 1,939,273; Dec. 12.

- Window ventilator. I. T. Bennett. 1,916,355; July 4.
 Window ventilator. G. G. Carlson. 1,917,186; July 4.
 Window ventilator. W. T. Crouse. 1,892,695; Jan. 3.
 Window ventilator. M. K. Graham. 1,915,307; June 27.
 Window ventilator. J. G. Moser. 1,924,411; Aug. 29.
 Window ventilator. E. J. Ney. 1,900,611; Mar. 7.
 Window ventilator. E. J. Saltzman. 1,901,568; Mar. 14.
 Window ventilator. S. H. Seward. 1,915,870; June 27.
 Window. Vertically and laterally shiftable. E. J. Kirchoff. 1,933,984; Nov. 7.
 Window washer. A. R. Fletcher. 1,933,168; Oct. 31.
 Window washer. D. F. Wolf. 1,895,273; Jan. 24.
 Window washing device. I. H. Scott. 1,913,248; June 6.
 Windows. Making glass. C. A. de Giers. 1,925,999; Sept. 5.
 Windows. Operating and securing pivoted. H. H. Garratt. 1,932,339; Oct. 24.
 Windows. Operating mechanism for. F. X. Ripp. 1,902,266; Mar. 21.
 Window header. L. H. Thoen. 1,914,837; June 20.
 Window or bunching attachment for mowers. W. F. Schramm. 1,931,416; Oct. 17.
 Windowing machine. A. Apel. 1,917,352; July 11.
 Windowing machine. L. C. Badgley. 1,901,889; Mar. 21.
 Wine. Manufacturing medicinal extract. M. and S. Shiozawa. 1,914,046; June 13.
 Wing brace for railroad spreaders. J. C. Forbes and A. W. Banton. 1,907,944; May 9.
 Wing lift system for aircraft. B. G. Jutting. 1,903,818; Apr. 18.
 Wing. Pivotaly supported wind. A. P. Robinson. 1,919,749; July 25.
 Wing structure for flying machines. L. Breguet. 1,919,088; July 18.
 Wiper and motor therefor. Windshield. D. Kuskin and D. A. McConnell. 1,912,777; June 6.
 Wiper apparatus. Continuous coating. R. F. Renkin. 1,932,229; Oct. 24.
 Wiper arm and mounting therefor. H. Hueber. 1,920,145; July 25.
 Wiper arm construction. Windshield. J. B. Whitted. 1,916,544; July 4.
 Wiper attachment for typesetting machines. Knife. K. Engel. 1,907,401; May 2.
 Wiper for windcreens of motor vehicle and for like purposes. H. Willis. 1,899,545; Feb. 28.
 Wiper. Gauge rod. G. R. O'Brien. 1,922,450; Aug. 15.
 Wiper. Knife. H. A. Burt. 1,902,434; Mar. 21.
 Wiper mechanism for coating machines and process. D. B. Bradner. 1,901,080; Mar. 14.
 Wiper mechanism for fruit driers. F. W. Cutler. 1,928,993; Oct. 3.
 Wiper mechanism for windshields and the like. J. Bornstein. 1,917,200-1; July 4.
 Wiper mechanism for windshields and the like. J. Bornstein. 1,919,411; July 25.
 Wiper. Oil gauge. H. A. Peck. 1,916,933; July 4.
 Wiper. Razor. P. M. Jullien. 1,907,978; May 9.
 Wiper. Spring operated. E. D. Vancil. 1,938,786; Dec. 12.
 Wiper. The like normally used on motor cars and other propelled carriages. Vehicle windshield. E. C. Tilly. 1,920,447; Aug. 1.
 Wiper. Windshield. J. W. Anderson. 1,931,098; Oct. 17.
 Wiper. Windshield. L. J. Armstrong. 1,896,994; Feb. 7.
 Wiper. Windshield. P. F. Bessy. 1,902,610; Mar. 21.
 Wiper. Windshield. A. A. Bull and W. A. Wood. 1,921,070; Aug. 8.
 Wiper. Windshield. V. H. Christen. 1,915,775; June 27.
 Wiper. Windshield. E. J. Gallagher, jr. 1,936,505; Nov. 21.
 Wiper. Windshield. P. Hessinger. 1,912,198; May 30.
 Wiper. Windshield. W. A. Knox. 1,935,881; Nov. 21.
 Wiper. Windshield. J. J. McCarthy. 1,937,286; Nov. 28.
 Wiper. Windshield. C. O. McCord. 1,894,186; Jan. 10.
 Wiper. Windshield. C. A. Sanborn. 1,933,122; Oct. 31.
 Wiper. Windshield. J. F. Wiseman. 1,910,311; May 23.
 Wiper. Windshield. J. F. Wiseman. 1,920,730; Aug. 1.
 Wiper. Windshield heater and. A. G. Luttrell. 1,918,651; July 18.
 Wiper. Window. J. W. Cain. 1,903,439; Apr. 11.
 Wiper with removable blades. Windshield. J. J. McCarthy. 1,932,630; Oct. 31.
 Wiping mechanism for matrix composing and line casting machines. C. A. Albrecht. 1,902,452; Mar. 21.
 Wire. H. K. Rader. 1,916,989; July 4.
 Wire and cable gripping device. Double. N. A. Pinson. 1,920,522; Aug. 1.
 Wire and making same. Paper machine. C. Johnson. 1,919,843; July 25.
 Wire and process therefor. Insulated. S. Ruben. 1,896,040; Jan. 31.
 Wire and process therefor. Insulated. S. Ruben. 1,896,043; Jan. 31.
 Wire and rod handling machine. H. C. Halston and T. D. Williams. 1,933,450; Oct. 31.
 Wire. Apparatus for coating. W. A. Wallsten. 1,899,449; Feb. 28.
 Wire. Apparatus for heat treating. W. H. Wood. O. C. Trautman, and W. E. Benninghoff. 1,937,420; Nov. 28.
 Wire. Apparatus for marking. C. P. Berolzheimer and K. H. Andren. 1,921,800; Aug. 8.
 Wire. Apparatus for twisting. C. K. Hill. 1,934,122; Nov. 7.
 Wire arrangement in pole line systems. R. N. Hunter. 1,928,726; Oct. 3.
 Wire bale-tie. G. E. Gaus. 1,905,581; Apr. 25.
 Wire bale-tie. G. E. Gaus. 1,929,843; Oct. 10.
 Wire bending machine. W. E. Ghent. 1,899,437; Feb. 28.
 Wire binding and tying machine. G. Monopoli. 1,929,930; Oct. 10.
 Wirebound container. L. M. Hile. 1,920,560; Aug. 1.
 Wire bundling machine. W. E. Geddes. 1,916,105; June 27.
 Wire clamp. S. P. Becker. 1,932,009; Oct. 24.
 Wire clamp. H. W. Perry. 1,899,983; Mar. 7.
 Wire cleaning machine. Continuous. M. H. Damerell. 1,911,751; May 30.
 Wire clip. Conductor. P. V. Paradun. 1,933,027; Oct. 31.
 Wire cloth and producing the same. H. R. Rafton. 1,934,643; Nov. 7.
 Wire cloth. Joining the ends of. R. Franck. 1,922,940; Aug. 15.
 Wire. Coated welding. R. Notvest. 1,905,648; Apr. 25.
 Wire. Conducting. E. Hepner and H. Meurer. 1,939,552; Dec. 12.
 Wire connector. H. P. Chandler. 1,912,177; May 30.
 Wire connector. W. P. Marr. 1,896,322; Feb. 7.
 Wire connecting device. O. W. Brenizer. 1,936,185; Nov. 21.
 Wire container. J. W. Cook. 1,936,227; Nov. 21.
 Wire containing titanium. Nickel welding. N. B. Pilling and T. E. Kihlgren. 1,920,432; Aug. 1.
 Wire cutting and twisting device. R. W. Briggs and F. Cole. 1,920,056; July 25.
 Wire cutting device. E. P. Muntz. 1,910,627; May 23.
 Wire. Device and method for tightening. J. E. Scheuerlein. 1,919,867; July 25.
 Wire drawing and fabricating machine. Combined. H. J. Hogue. 1,934,466; Nov. 7.
 Wire drawing apparatus. J. L. Alden. 1,918,237; July 18.
 Wire drawing apparatus. C. R. Hoffman. 1,904,232; Apr. 18.
 Wire drawing apparatus. E. W. Larsen. 1,904,146; Apr. 18.
 Wire drawing apparatus. E. W. Larsen. 1,914,136; June 13.
 Wire drawing apparatus. J. R. Longwell. 1,896,674; Feb. 7.
 Wire drawing apparatus. E. B. Poulsen. 1,933,755; Nov. 7.
 Wire drawing apparatus. J. R. Shea. 1,932,491; Oct. 31.
 Wire drawing die. M. Simons. 1,935,821; Nov. 21.
 Wire drawing die. Rotary. A. C. Hjelm. 1,933,433; Oct. 31.
 Wire drawing machine. E. W. Clark. 1,905,803; Apr. 25.
 Wire drawing machine. P. W. Dillon. 1,917,219; July 11.
 Wire drawing machine. C. H. Earnshaw. 1,915,722; June 27.
 Wire drawing machine. E. W. Larsen. 1,904,147; Apr. 18.
 Wire drawing machine. J. T. Leech. 1,904,947; Apr. 18.
 Wire drawing machine. E. J. McIlvried. 1,904,159; Apr. 18.
 Wire drawing machine. V. Weil and H. Gutmann. 1,907,311; May 2.
 Wire drawing machine. Multiple. W. Nacken. 1,914,833; June 20.
 Wire drawing mechanism. A. T. Yungman. 1,904,965; Apr. 18.
 Wire. Electric conductor. S. Osterman. 1,914,959; June 20.
 Wire. Eliminating internal stresses in. A. V. De Forest. 1,899,138; Feb. 28.
 Wire fabric. J. E. Durepo. 1,939,002; Dec. 12.
 Wire fabric. R. P. Turner. 1,893,830; Jan. 10.
 Wire fabric. C. C. Wickwire. 1,930,891; Oct. 17.
 Wire fabric. Apparatus for making. W. E. Reed. 1,908,050; May 9.
 Wire fabric machine. C. C. Wickwire. 1,911,541; May 30.
 Wire fabric machine. C. C. Wickwire. 1,937,078; Nov. 28.
 Wire fabric. Method and apparatus for joining woven. J. R. Buchanan and T. M. Cray. 1,908,402; May 9.
 Wire fastener. E. F. Bailey. 1,927,732; Sept. 19.
 Wire feed device. J. L. Anderson. 1,903,953; Apr. 18.
 Wire-feeding and cutting machine. A. Hofmann and O. Kanis. 1,897,970; Feb. 14.
 Wire fence tool. T. T. Stobaugh. 1,928,273; Sept. 26.
 Wire. Flier. M. J. McHale. 1,932,140; Oct. 24.
 Wire folding and cutting machine. D. D. Huyett. 1,928,786; Oct. 3.
 Wire for bottle crates. Grid. N. H. Hall. 1,896,306; Feb. 7.
 Wire gripping device. B. Thane. 1,910,937; May 23.
 Wire guide. H. R. Farnsworth. 1,903,506; Apr. 11.
 Wire hanger. C. M. Goodrich and A. H. MacQuarrie. 1,933,426; Oct. 31.
 Wire heating apparatus. W. M. Hepburn and R. S. Fearnside. 1,916,372; July 4.
 Wire. Insulated. S. Ruben. 1,896,041; Jan. 31.
 Wire. Insulated. S. Ruben. 1,896,042; Jan. 31.
 Wire. Insulating. E. A. Mau and O. F. Hutchinson. 1,893,590; Jan. 10.
 Wire leads to electrical resistor units. Method of and apparatus for applying. W. S. Freeburg. 1,910,687; May 23.
 Wire line guide. E. B. Gill. 1,907,787; May 9.

- Wire line post. J. P. Farnam. Des. 89,174; Feb. 7.
- Wire making process. C. Dantsizen. 1,902,493; Mar. 21.
- Wire matings, Apparatus for manufacturing welded. H. W. Gronemeyer and F. C. Herbst. 1,923,369; Aug. 22.
- Wire mesh and the like for concrete reinforcement and other purposes. Manufacture of. C. Cosgrove. 1,915,184; June 20.
- Wire, Method and apparatus for drawing. S. McMullan. 1,901,920; Mar. 21.
- Wire, Method and machine for coiling small. C. E. Sturgis. 1,898,102; Feb. 21.
- Wire, Method and machinery for drawing. J. F. Diehl. 1,924,839; Aug. 29.
- Wire, Method of and apparatus for making insulated. J. W. Greenleaf. 1,938,627; Dec. 12.
- Wire netting for wire glass. J. Carrie. 1,914,007; June 13.
- Wire, Process and apparatus for producing continuous zinc. L. S. Harvey and H. P. Hart. 1,931,001; Oct. 17.
- Wire products, Apparatus for formation and welding of crossed. R. J. Southwell and T. H. Wickwire, jr. 1,922,271; Aug. 15.
- Wire puller. L. P. Seifner. 1,899,531; Feb. 28.
- Wire puller. M. Tupper. 1,907,686; May 9.
- Wire reel. E. M. Harris. 1,904,236; Apr. 18.
- Wire reel. I. H. Spoor and R. F. Le Tourneau. 1,908,073; May 9.
- Wire reinforcing elements, Method and apparatus for forming. G. R. Sunnington. 1,910,323; May 23.
- Wire, Resistance. J. Piccard. 1,926,213; Sept. 12.
- Wire roll and making same, Sealed. P. L. Mann. 1,941,098; Dec. 26.
- Wire rope and strand preforming device. D. W. Clark. 1,894,756; Jan. 17.
- Wire rope or cable making machine. P. R. Clark. 1,924,772; Aug. 29.
- Wire screen. J. W. Galloway. 1,907,056; May 2.
- Wire shaping machine. J. Cipko. 1,900,160; Mar. 7.
- Wire slide. Guy. R. B. Hecox and O. R. Turley. 1,935,711; Nov. 21.
- Wire, Smoothing stock on fourdrinier. A. E. Cofrin. 1,904,780; Apr. 18.
- Wire splice. C. M. Deaver. 1,936,869; Nov. 28.
- Wire splicing machine. C. L. Van Inwagen, jr. 1,895,828; Jan. 31.
- Wire splicing, stretching and twisting tool. C. J. Elliott. 1,925,312; Sept. 5.
- Wire, Sprue. J. P. Bell. 1,894,151; Jan. 10.
- Wire stitching machine. J. I. Nasmith. 1,896,826; Feb. 7.
- Wire-stitching or stapling machine. H. A. Bickford. 1,920,304; Sept. 26.
- Wire straightening and cutting machine. J. H. Moore. 1,925,845; Sept. 5.
- Wire straightening apparatus. R. C. Pierce. 1,894,703; Jan. 17.
- Wire straightening device. M. Nigro. 1,914,975; June 20.
- Wire straightening machine. H. C. Herr. 1,912,940; June 6.
- Wire straightening mechanism. J. T. Leech. 1,936,679; Nov. 28.
- Wire stranding machine. M. W. Reed. 1,911,925; May 30.
- Wire stretcher. H. P. Neptune. 1,922,706; Aug. 15.
- Wire stripping apparatus. R. O. Crowell. 1,921,384; Aug. 8.
- Wire stripping machine. W. S. Rotherham. Re18,973; Oct. 24.
- Wire stylus and feeding same. F. L. Capps. 1,902,057; Mar. 21.
- Wire tapping tool. C. C. Coon. 1,897,464; Feb. 14.
- Wire tensioning and typing machine. F. H. Lennox. 1,937,767; Dec. 5.
- Wire tensioning device, Variable. W. D. Pierson. 1,935,726; Nov. 21.
- Wire terminal. R. W. Grace. 1,921,745; Aug. 8.
- Wire tie and forming same. G. Monopoli. 1,929,929; Oct. 10.
- Wire tightener. F. H. Whitman. 1,939,746; Dec. 19.
- Wire, Treating. C. D. Johnson. 1,928,727; Oct. 3.
- Wire, Treating zinc coated. F. F. Fowle. 1,896,613; Feb. 7.
- Wire tying machine. H. Beauvisagè. 1,928,875; Oct. 3.
- Wire tying tool. M. H. Stratton and W. N. Lurcott. 1,912,865; June 6.
- Wire wheel. C. S. Ash. 1,911,049; May 23.
- Wire wheel. F. H. Le Jeune. 1,933,178; Oct. 31.
- Wireless communication apparatus. W. P. Place. 1,937,733; Dec. 5.
- Wireless communication apparatus. W. P. Place. 1,937,735; Dec. 5.
- Wireless receiver. J. Robinson. 1,908,558; May 9.
- Wireless receiver. Heterodyne. C. E. G. Bailey. 1,941,070; Dec. 26.
- Wireless receiving apparatus. J. Robinson. 1,941,155; Dec. 26.
- Wires and shield wires, System for improving the shielding effect of ground. E. F. Vaage. 1,938,732; Dec. 12.
- Wires, Weaving Fourdrinier. W. E. Buchanan. 1,897,232; Feb. 14.
- Wiring. E. B. Smith. 1,923,893; Aug. 22.
- Wiring device. G. Carlson. 1,900,542; Mar. 7.
- Wiring machine. J. P. Minale. 1,918,552; July 18.
- Wood and graining same, Grained. C. J. Fess. 1,934,414; Nov. 7.
- Wood and metal elements, Riveting. A. S. Van Halteren. 1,934,780; Nov. 14.
- Wood and other cellulosic materials, Saccharification of. E. Ricard and H. M. Guinot. 1,896,753; Feb. 7.
- Wood and preventing corrosion of cables, Treating. R. M. Burns. 1,896,478; Feb. 7.
- Wood and producing the same, Nonleaching fireproof. F. S. Vivas. 1,909,241; May 16.
- Wood, Apparatus for grinding. C. O. Bachman. 1,917,420; July 11.
- Wood article. C. Ellis. 1,927,086; Sept. 19.
- Wood, Bending. H. S. McLeod. 1,906,392; May 2.
- Wood chips in pulp digesters, Device for distributing. W. H. Swanson. 1,936,341; Nov. 21.
- Wood distilling apparatus. J. T. Myers. 1,938,494; Dec. 5.
- Wood drill with cutter transversely adjustable in the drill shank. C. Wiehagen. 1,918,202; July 11.
- Wood fiber mass. F. Rühlemann and O. R. Herdey. 1,921,780; Aug. 8.
- Wood fibre mass, Production of. J. Jonsson. 1,936,843; Nov. 28.
- Wood filler and related materials. P. S. Kennedy. 1,903,768; Apr. 18.
- Wood flooring. F. P. Potvin. 1,906,411; May 2.
- Wood for interiors, Treating. H. C. Nielsen. 1,939,186; Dec. 12.
- Wood graining, Imitating. G. A. Rose. 1,902,522; Mar. 21.
- Wood-heel machine. W. J. Shaw. 1,897,680; Feb. 14.
- Wood-heel machine. W. J. Shaw. 1,930,599; Oct. 17.
- Wood-metal structural member, Composite. S. Macomber. 1,899,344; Feb. 28.
- Wood meter. H. G. Cram. 1,939,590; Dec. 12.
- Wood, Method and composition for preserving. J. H. Zumwalt. 1,905,327; Apr. 25.
- Wood or other fibrous material, Continuous process of reducing or reforming. R. B. Respass. 1,897,620; Feb. 14.
- Wood peeling machine. H. C. Swertfeger. 1,910,133; May 23.
- Wood preserver composition. F. W. von Sanden. 1,893,310; Jan. 3.
- Wood preserving and finishing preparation and process. R. A. Hall. 1,907,796; May 9.
- Wood preserving media. C. Räth and F. Heckmanns. 1,921,324; Aug. 8.
- Wood, Producing overlay and/or inlay effects in. J. W. Beiger. 1,936,182; Nov. 21.
- Wood pulp, Apparatus for and method of cooking. L. V. and F. Pelot. 1,905,050; Apr. 25.
- Wood pulp digester control, System of. C. D. De Mers. 1,911,145; May 25.
- Wood pulp digester with internal circulation conduit. E. Morterud. 1,895,266; Jan. 24.
- Wood pulp for carving, Method and apparatus for preparing. H. R. Williams. 1,909,083; May 16.
- Wood pulp in multiple stages, Manufacturing. H. K. Benson. 1,896,344; Feb. 7.
- Wood pulp, Manufacture of. L. B. Decker. 1,915,410; June 27.
- Wood pulp, Manufacture of. F. C. Hahn and R. E. Fothergill. 1,926,002; Sept. 5.
- Wood pulp, Manufacture of. M. C. Taylor and J. F. White. 1,894,501; Jan. 17.
- Wood pulp, Production of. L. B. Decker. 1,921,966; Aug. 8.
- Wood shaper. W. M. Whitney and A. White. 1,921,715; Aug. 8.
- Wood sheets and the product thereof, Rapid edge gluing. T. W. Dike and C. N. Cone. 1,916,134; June 27.
- Wood structure protective means. R. R. Pittman. 1,928,820; Oct. 3.
- Wood surfacing machine. A. A. Clarke. 1,900,331; Mar. 7.
- Wood, Treating. J. W. Beigler. 1,936,183; Nov. 21.
- Wood, Treatment of. C. H. Siever. 1,936,439; Nov. 21.
- Wood-waste feeding system. W. E. Allington. 1,905,781; Apr. 25.
- Wood with superheated steam, Destructive distillation of resinous. R. Frye. 1,909,397; May 16.
- Wood wool covering. H. and K. Schneider. 1,923,643; Aug. 22.
- Wooden pan-shaped bodies, Process and apparatus for producing. G. Schlesinger. 1,909,428; May 16.
- Woodwork manufacture and preparing and packaging the same, Article of. S. Madsen. 1,914,697; June 20.
- Woodworking machine. R. S. Brookman. 1,899,665; Feb. 28.
- Woodworking machine. W. H. Forsyth. 1,941,394; Dec. 26.
- Woodworking machine. G. E. Pennock. 1,934,207; Nov. 7.
- Woodworking machine. W. Steinmeyer. 1,895,054; Jan. 24.
- Woodworking machine. A. Stenberg. 1,930,888; Oct. 17.
- Woodworking machinery. J. J. Egan. 1,900,336; Mar. 7.
- Wool and method of and apparatus for granulating same, Mineral. C. H. Clinton, P. F. Theobald, and R. H. Stitt. 1,905,152; Apr. 25.
- Wool and other allied fibers, Cleaning. R. L. Brown. 1,894,154; Jan. 10.
- Wool and other animal fibers, Treatment of. E. V. Hayes-Gratze. 1,927,588; Sept. 19.
- Wool, Bleaching tanner's. P. H. Del Plaine. 1,912,345; May 30.
- Wool, Dyeing. J. Nuesslein. 1,926,556; Sept. 12.
- Wool, Impregnating. E. Schiller. Re18,718; Jan. 24.

- Wool scouring. L. D. Jones. 1,920,469; Aug. 1.
Woolen fabrics, Carbonizing. P. Keller. 1,895,263; Jan. 24.
Woolen fabrics containing effects of silk, Manufacturing piece-dyed. R. Haynn. 1,898,125; Feb. 21.
Work, Apparatus for treating and handling. H. Rosenberg. 1,917,547; July 11.
Workbench. W. A. Adams. 1,904,708; Apr. 18.
Work clamp. J. Syme. 1,914,899; June 20.
Work clamp. W. A. van Berkel. 1,915,340; June 27.
Work-handling apparatus for grinding machines and the like. R. A. Quimby. 1,926,959; Sept. 12.
Work handling mechanism. M. F. Cook and G. T. Breisch. 1,901,702; Mar. 14.
Work handling mechanism. D. Kelleher. 1,926,048; Sept. 12.
Work handling mechanism. E. R. Smith and A. Schinkez. 1,933,226; Oct. 31.
Work handling mechanism for machine tools. E. R. Smith. 1,933,225; Oct. 31.
Work-holder. H. F. Schmidt and L. Jung. 1,894,451; Jan. 17.
Work-holder for darning, mending, embroidering, etc. C. K. Fincke. 1,924,490; Aug. 29.
Work holder for machine tools. P. S. Jackson. 1,909,681; May 16.
Work holder for slicing machines. H. Thomas. 1,918,673; July 18.
Work holding apparatus. W. Ornsteen. 1,913,610; June 13.
Workholding attachment for vises, Universal. W. H. Neal. 1,936,968; Nov. 28.
Work holding device. G. W. Andrews, jr. 1,927,675; Sept. 19.
Work holding device. K. Janiszewski. 1,938,337; Dec. 5.
Work-holding device, Magnetic. D. Jones. 1,895,129; Jan. 24.
Work-holding means for gauges. H. E. Tautz. 1,894,010; Jan. 10.
Work holding mechanism. J. E. Lovely. 1,904,152; Apr. 18.
Work positioning means. A. F. Pym. 1,899,057; Feb. 28.
Work-presenting device for marking machines. P. R. Glass. 1,929,549; Oct. 10.
Work-rotating structure for machine tools. H. L. Flather. 1,933,524; Oct. 31.
Work-rotating structure for machine tools. H. L. Flather. 1,937,948; Dec. 5.
Work sheet guiding means. F. H. Trego. 1,929,449; Oct. 10.
Work spacing and fabricating apparatus. R. H. McClintic. 1,915,434; June 27.
Work stripper. H. G. Woodburn. 1,933,465; Oct. 31.
Work support. F. B. Keall. 1,932,549; Oct. 31.
Work supporting and driving mechanism. J. E. Lovely. 1,912,987; June 6.
Work table. J. R. Coe. 1,913,975; June 13.
Worktable. W. O. Sustins. 1,897,152; Feb. 14.
Worktable. I. F. Webb. 1,919,609; July 25.
Worktable and relieving mechanism for grinding machines. E. A. Walker. 1,895,830; Jan. 31.
Worktable for drill presses. W. P. Hunt and R. E. Herrstrum. 1,923,440; Aug. 22.
Worktable for invalids. C. C. King. 1,893,552; Jan. 10.
Working implement for percussive tools. A. E. Peters. 1,905,497; Apr. 25.
Worm grinding machine. F. A. Ward. 1,899,654; Feb. 28.
Worms, insects, and the like, Device for use in catching earth. R. P. Warner. 1,932,237; Oct. 24.
Wort, Preparing a. H. C. Gore and C. N. Frey. 1,922,730; Aug. 15.
Wound rotor reactor motor. W. J. Morrill. 1,931,497; Oct. 31.
Woven wire fabric. S. L. Sellers. 1,926,114; Sept. 12.
Wrapped article and method. W. F. Talbot. 1,937,468; Nov. 28.
Wrapper. W. A. Koch. 1,895,932; Jan. 31.
Wrapper and making the same. I. Gurwick. 1,935,708; Nov. 21.
Wrapper-bander. F. R. Schmitt. 1,926,245; Sept. 12.
Wrapper, Bread. R. A. Anthony. 1,926,359; Sept. 12.
Wrapper, Chewing gum. P. Corsello. 1,928,007; Sept. 26.
Wrapper for expandible materials, Paper. J. W. Clark. 1,920,841; Aug. 1.
Wrapper for poultry heads. S. A. Douglas. 1,933,793; Nov. 7.
Wrapper, Merchandise. O. Horowitz. 1,938,145; Dec. 5.
Wrapper nicking device. T. Jensen. 1,927,404; Sept. 19.
Wrapper, Six-lamp. H. Amatel. 1,905,027; Apr. 25.
Wrapper, Waxed. C. B. Wilkins. 1,938,949; Dec. 12.
Wrappers, Cluster crimper for coin. E. P. Donnellan. 1,921,179; Aug. 8.
Wrapping apparatus. J. H. Theiss. 1,898,858; Feb. 21.
Wrapping for plants. C. E. Wilson. 1,894,506; Jan. 17.
Wrapping machine. F. Grover. 1,893,990; Jan. 10.
Wrapping machine. F. Hall. 1,914,254; June 13.
Wrapping machine. E. H. Jahne. 1,931,440; Oct. 17.
Wrapping machine. C. Littlefield. 1,899,468; Feb. 28.
Wrapping machine. J. A. Lopez. 1,929,001; Oct. 3.
Wrapping machine. D. M. Smith. 1,934,756; Nov. 14.
Wrapping machine. E. L. Smith. 1,924,964; Aug. 29.
Wrapping machine. E. L. Smith and F. B. Fuller. 1,936,462; Nov. 21.
Wrapping machine. J. Van Buren. 1,912,806; June 6.
Wrapping machines, Automatic feed for. E. L. Smith. 1,911,650; May 30.
Wrapping machines, Broken-web motor cut-out for. F. R. Schmitt. 1,915,550; June 27.
Wrapping machines, Coupon inserting mechanism for. E. L. Smith. 1,913,642; June 18.
Wrapping machines, Mechanism for. F. Grover. 1,903,670; Apr. 11.
Wrapping mechanism. F. L. Borchert. 1,931,787; Oct. 24.
Wreath and making same. D. J. Kelman. 1,904,470; Apr. 18.
Wreath structure. C. O. Daum. 1,920,551; Aug. 1.
Wreath support. H. L. McKain. 1,925,927; Sept. 5.
Wreaths, Apparatus for making. J. J. Rattay. 1,929,563; Oct. 10.
Wrecking bar. O. Raaen. 1,898,853; Feb. 21.
Wrecking device. D. D. Williams. 1,900,031; Mar. 7.
Wrench: See—
Adjustable wrench. Pipe and nut wrench.
Air hammer driven wrench. Pipe wrench.
Breast wrench. Power-driven wrench.
Cap wrench. Ratchet wrench.
Car and jar wrench. Rock bit cone wrench.
Chain pipe wrench. Safety car wrench.
Combination wrench. Socket wrench.
Jar cap wrench. Strap wrench.
Jar wrench. Tappet wrench.
Jaw wrench.
Wrench. A. C. Alemany. 1,915,396; June 27.
Wrench. W. H. Applegate. 1,910,197; May 23.
Wrench. J. Bolton. 1,898,420; Feb. 21.
Wrench. J. F. Cameron. 1,917,293; July 11.
Wrench. T. D. Currie. 1,895,280; Jan. 24.
Wrench. A. E. Gott and N. R. McIntosh. 1,896,303; Feb. 7.
Wrench. J. R. Johnson. 1,897,614; Feb. 14.
Wrench. J. R. Kerlin. 1,903,052; Mar. 28.
Wrench. A. R. Lémieux. 1,906,978; May 2.
Wrench. C. H. Leonard. 1,923,629; Aug. 22.
Wrench. J. Melling. 1,895,638; Jan. 31.
Wrench. H. H. Merriman and F. W. Piche. 1,903,514; Apr. 11.
Wrench. D. F. Mitchell. 1,909,702; May 16.
Wrench. W. M. Padgett. 1,928,843; Oct. 3.
Wrench. B. H. Parker. 1,898,388; Feb. 21.
Wrench. O. B. Petersen and M. D. Richardson. 1,929,258; Oct. 3.
Wrench. P. Porte. 1,921,322; Aug. 8.
Wrench. P. Porte. 1,921,980; Aug. 8.
Wrench. E. Sandoz. 1,903,270; Mar. 28.
Wrench. A. Schuerlin. 1,912,597; June 6.
Wrench. H. R. Segal. 1,931,559; Oct. 24.
Wrench. J. B. and J. H. Smith. 1,903,660; Apr. 11.
Wrench. J. L. Worth. 1,929,133; Oct. 3.
Wrench and anvil, Combination. G. W. Grist. 1,925,714; Sept. 5.
Wrench and gauge, Combined. J. G. Schotthoefer. 1,935,131; Nov. 14.
Wrench for screw caps of jars and bottles. J. E. Bevington and B. B. West. 1,916,554; July 4.
Wrench set. W. F. Costello. 1,900,915; Mar. 14.
Wrench set and holder therefor, Socket. H. G. Rice. 1,912,725; June 6.
Wringer. T. W. Behan. 1,924,535; Aug. 29.
Wringer. W. Bowden, G. L. Miller, and J. Mikulasek. 1,914,880; June 20.
Wringer. S. H. Connaroe. 1,906,841-2; May 2.
Wringer. E. Engel. 1,913,314-16; June 6.
Wringer. E. Engel. 1,916,159-60; June 27.
Wringer. A. J. Fathauer. 1,905,556; Apr. 25.
Wringer. E. V. Godfrey. 1,925,800; Sept. 5.
Wringer. G. H. Jantz. 1,932,288; Oct. 24.
Wringer. W. L. Kauffman, 2d. 1,925,807; Sept. 5.
Wringer. M. M. Kistner. 1,906,862; May 2.
Wringer. G. W. Lewis. 1,894,594; Jan. 17.
Wringer. R. J. Netzel. 1,914,452; June 20.
Wringer. J. L. Perkins. 1,902,579; Mar. 21.
Wringer. J. L. Perkins. 1,903,194; Mar. 28.
Wringer. J. L. Perkins. 1,912,219; May 30.
Wringer. J. L. Perkins and H. D. Croft. 1,902,580; Mar. 21.
Wringer. E. Sandstrom. 1,918,856; June 13.
Wringer. E. J. Schuda. 1,911,472; May 30.
Wringer. E. J. Schuda. 1,935,231; Nov. 14.
Wringer. O. A. Swanson. 1,895,403; Jan. 24.
Wringer and casing for a washing machine, Combined. H. Dreyfuss. Des. 89,873; May 16.
Wringer and casing for a washing machine, Combined. H. Dreyfuss. Des. 90,616; Sept. 5.
Wringer apparatus. J. L. Perkins. 1,912,220; May 30.
Wringer frame, Washing machine. C. C. Weisbrod. Des. 91,152; Dec. 5.
Wringer, Mop. M. Cesario. 1,902,688; Mar. 21.
Wringer, Mop. S. Schulman. 1,918,986; July 18.
Wringer mounting and drive for washing machines. A. C. McCord. 1,936,911; Nov. 28.
Wringer roll. S. S. Holland. 1,905,871; Apr. 25.
Wringer, Safety. J. L. Perkins. 1,906,406; May 2.
Wringer, Safety. J. L. Perkins and H. D. Croft. 1,906,407; May 2.
Wringer, Tilting head. E. Engel. 1,913,317; June 6.
Wringers, Pressure release for. C. B. Williams. 1,929,461; Oct. 10.

- Wringers, Safety feeding device for. H. H. Gaines. 1,934,183; Nov. 7.
- Wrinkle eradicator. A. D. Varel. 1,900,002; Mar. 7.
- Wrinkles, Device for eliminating facial. E. A. Larsen. 1,901,248; Mar. 14.
- Wrist pin gauge. J. Sunnen. 1,897,774; Feb. 14.
- Wrist-watch case. L. Ahl. 1,907,700; May 9.
- Wrist watch strap. F. C. Smith. 1,898,402; Feb. 21.
- Writing board, Body fitting. L. H. Fisher. 1,894,559; Jan. 17.
- Writing element, Adjustable. F. Furedy. 1,918,464; July 18.
- Writing implement. R. Black. 1,916,199; July 4.
- Writing implement, Pocket. J. Jensen. 1,940,548; Dec. 19.
- Writing instrument holder. J. W. Fitz Gerald. 1,927,164; Sept. 19.
- X-ray apparatus. F. W. Bishop. 1,921,499; Aug. 8.
- X-ray apparatus. A. Bouwers and W. H. Boldingh. 1,917,090; July 4.
- X-ray apparatus. Z. Egressi and L. Huszar. 1,907,523; May 9.
- X-ray apparatus. J. F. Forst. 1,907,054; May 2.
- X-ray apparatus. E. R. Goldfield and C. Horsley. 1,933,325; Oct. 31.
- X-ray apparatus. O. H. Pieper. 1,941,270; Dec. 26.
- X-ray apparatus. F. S. Smith. 1,896,206; Feb. 7.
- X-ray apparatus. W. Zeys and K. Niemann. 1,907,640; May 9.
- X-ray, Apparatus for and method of localizing and measuring by. C. R. Johnson. 1,902,558; Mar. 21.
- X-ray apparatus, Portable. W. S. Werner. 1,913,695; June 13.
- X-ray cathode shield. N. H. Stewart. 1,920,606; Aug. 1.
- X-ray change over system. M. Morrison and S. E. Lundquist. 1,937,835; Dec. 5.
- X-ray device. L. F. Ehrke. 1,920,684; Aug. 1.
- X-ray film package. E. W. Page. 1,909,312; May 16.
- X-ray focus varying with the X-ray tube load, Producing an. A. Mutscheller. 1,923,876; Aug. 22.
- X-ray installation. A. Bouwers. 1,901,865; Mar. 21.
- X-ray intensifying screen. S. E. Sheppard. 1,925,546; Sept. 5.
- X-ray operating table. C. E. Wilent. 1,925,425; Sept. 5.
- X-ray photographs, Making. W. H. Boldingh. 1,933,652; Nov. 7.
- X-ray tilt table. A. C. Nelson. Des. 90,677; Sept. 12.
- X-ray tube. A. Bouwers. 1,893,759; Jan. 10.
- X-ray tube. A. Bouwers. 1,933,005; Oct. 31.
- X-ray tube. W. D. Coolidge. 1,917,099; July 4.
- X-ray tube. W. Hofmann. 1,902,502; Mar. 21.
- X-ray tube. G. B. Jonas. 1,927,456; Sept. 19.
- X-ray tube. M. Morrison. 1,937,834; Dec. 5.
- X-ray tube cooling system. J. B. Wantz. 1,938,946; Dec. 12.
- X-ray tube holder. M. Morrison. 1,933,563; Nov. 7.
- X-ray tube shield. A. C. Nelson. 1,929,177; Oct. 3.
- Xanthate flotation process, Tertiary. L. Rosenstein. 1,903,140; Mar. 28.
- Yarn and knitted wearing apparel produced therefrom. H. Hemmerich. 1,897,051; Feb. 14.
- Yarn, Apparatus for the multiple or multi-color dyeing of hanks of. F. and C. Faigle. 1,902,358; Mar. 21.
- Yarn bunching motion for use in ring spinning and ring doubling frames. S. Bowler. 1,935,347; Nov. 14.
- Yarn carrier controlling mechanism. E. F. Hathaway. 1,926,534-5; Sept. 12.
- Yarn carrier for knitting machines. B. Spector. 1,893,808; Jan. 10.
- Yarn carrier or tube-frame. E. F. Hathaway. 1,914,917; June 20.
- Yarn carrier or tube-frame, Tuft. E. F. Hathaway. 1,914,916; June 20.
- Yarn cleaner. G. R. Fassett. 1,897,895; Feb. 14.
- Yarn conditioning. C. F. Duken. 1,935,261; Nov. 14.
- Yarn dyeing and twisting apparatus. E. C. Gwaltney. 1,940,749; Dec. 26.
- Yarn dyeing apparatus. E. C. Gwaltney. 1,940,748; Dec. 26.
- Yarn-feeding device for circular knitting machines. I. W. Grothey. 1,927,683; Sept. 19.
- Yarn forming machine. W. Nanfeldt. 1,894,411; Jan. 17.
- Yarn guide for a spinning machine. F. Piron. 1,894,962; Jan. 24.
- Yarn holding mechanism. W. P. Hornbuckle and R. F. Craig. 1,933,980; Nov. 7.
- Yarn in the mass, Apparatus for spotting. W. N. Gere. 1,915,779; June 27.
- Yarn making apparatus. C. P. Brockway and W. Nanfeldt. 1,933,544; Nov. 7.
- Yarn, Manufacture of. A. Benowitz. 1,934,398; Nov. 7.
- Yarn, Manufacture of. M. B. Stone and W. P. Williamson. 1,893,809; Jan. 10.
- Yarn or thread packages, Winding of. A. H. Tidmus. 1,928,708; Oct. 3.
- Yarn printing machine. H. F. Shaffner. 1,930,986; Oct. 17.
- Yarn, Producing cellulose acetate. C. Dreyfus and W. Whitehead. 1,912,364; June 6.
- Yarn, Producing cellulose acetate. C. Dreyfus and W. Whitehead. 1,927,155; Sept. 19.
- Yarn rovings, Producing. G. A. Schmitt. 1,939,525; Dec. 12.
- Yarn sheet cutting mechanism. E. W. Strack. 1,931,332; Oct. 17.
- Yarn-support or cop-tube. E. F. Parks. 1,924,510; Aug. 29.
- Yarn winding, doubling, and like machine. J. Higginson. 1,939,348; Dec. 12.
- Yarn-winding machine. A. N. Altemus. 1,935,039; Nov. 14.
- Yarn with even shrinkage. R. Elssner. 1,917,512-13; July 11.
- Yarn with even shrinkage, Untwisted direct process. O. Oppenlaender and R. Elssner. 1,919,526; July 25.
- Yarns, Apparatus for fluid treating or dyeing. H. W. Butterworth, Jr. and W. E. H. Bell. 1,911,305; May 30.
- Yarns, Art of and apparatus for making textile. P. D. Cannon. 1,908,472; May 9.
- Yarns, Dyeing of. W. Whitehead. 1,927,145; Sept. 19.
- Yarns, Mechanism for and method of preparing tufting. E. F. Hathaway and W. Bixby. 1,941,086; Dec. 26.
- Yarns or the like from organic derivatives of cellulose. Production of. W. I. Taylor. 1,938,646; Dec. 12.
- Yarns or threads, Manufacture of. N. Crossley. 1,898,941; Feb. 21.
- Yarns or threads, Production of artificial textile. W. I. Taylor. 1,909,192; May 16.
- Yarns, threads, or filaments, Twisting of. W. Pool. 1,910,052; May 23.
- Yeast composition for use in candy making. Z. J. Kish. 1,898,057; Feb. 21.
- Yeast manufacture. A. Schultz and C. N. Frey. 1,893,152; Jan. 3.
- Yeast, Manufacture of. E. A. Meyer. 1,938,081; Dec. 5.
- Yeast, Manufacture of. A. Shaver and C. N. Frey. 1,910,265; May 23.
- Yeast, Manufacturing. J. F. Wroten. 1,917,283; July 11.
- Yeast, Preparing dried. K. Mizobata. 1,934,941; Nov. 14.
- Yeast product and making the same. M. Block and O. Freund. 1,919,612; July 25.
- Yeast, Treating. H. Riley. 1,909,011; May 16.
- Yeast without alcohol, Producing. E. Jellinek. 1,920,395; Aug. 1.
- Yellow and orange colored vulcanizate. W. Hentrich, M. Hardtmann and P. Backes. 1,940,053; Dec. 19.
- Yielding coupling. E. B. Nowosielski. 1,904,745; Apr. 18.
- Yoke, Animal. J. L. Burkey. 1,933,786; Nov. 7.
- Yoke ends, Making. L. O. Johnston. 1,925,721; Sept. 5.
- Yttrium and metals of the yttrium group, Producing. J. A. Heany. 1,905,866; Apr. 25.
- Zeolite preparation. A. S. Behrman. 1,895,121; Jan. 24.
- Zeolite water softener. R. O. Friend. 1,918,970; Oct. 17.
- Zeolites, Making. W. M. Bruce. 1,906,202; Apr. 25.
- Zeolites, Manufacture of water-softening. W. M. Bruce. 1,906,203; Apr. 25.
- Zeolites, Regenerating. W. S. Calvert. 1,937,034; Nov. 28.
- Zero instrument, Suppressed. B. W. St. Clair. 1,929,292; Oct. 3.
- Zigzag mesh fabric. T. H. Wickwire, Jr. 1,922,269; Aug. 15.
- Zigzag-stitching machine. R. Becker. 1,929,384; Oct. 3.
- Zinc alloy and certain articles made therefrom. L. E. Wemple and J. R. Daesen. 1,933,490; Oct. 31.
- Zinc base alloy. J. R. Freeman, Jr. 1,914,367; June 20.
- Zinc base alloy product, Die cast. J. R. Freeman, Jr. 1,928,053-4; Sept. 26.
- Zinc chlorate weed killer. R. N. Chipman. 1,924,107; Aug. 29.
- Zinc chloride, Granulation of. A. W. Wahlgren. 1,911,860; May 30.
- Zinc coated article. S. H. Davis, C. O. Anderson, W. N. Smith, and H. R. Hanley. 1,902,621; Mar. 21.
- Zinc compounds from technical zinc liquors, Recovery of. E. F. Steinbring. 1,912,332; May 30.
- Zinc from brass scrap and other materials containing zinc, Recovering. W. J. O'Brien and J. E. Drapeau, Jr. 1,921,390; Aug. 15.
- Zinc from oxidized zinc ores, Apparatus for the continuous recovery of. C. Hahn. 1,908,419; May 9.
- Zinc furnace. E. H. Bunce and P. M. Gindler. 1,918,245; July 18.
- Zinc furnace. C. Hahn. 1,908,632; May 9.
- Zinc-meta-arsenite. L. P. Curtin. 1,900,162; Mar. 7.
- Zinc meta arsenite, Making. L. P. Curtin. 1,924,065; Aug. 22.
- Zinc metallurgy. C. R. Kuzell. 1,936,092; Nov. 21.
- Zinc ore, Purifying. O. Gerlach. 1,921,743; Aug. 8.
- Zinc ores, Apparatus for roasting. A. L. J. Queneau. 1,929,713; Oct. 10.
- Zinc ores, Treating. N. C. Christensen. 1,937,631-4; Dec. 5.
- Zinc ores, Treating. N. C. Christensen. 1,937,638; Dec. 5.
- Zinc oxide, Manufacturing. A. O. Mason. 1,924,872; Aug. 29.
- Zinc oxide, Manufacture of. W. A. Handwerk and W. Reiser. 1,940,125; Dec. 19.
- Zinc oxide residues, Treatment of. R. V. Brown and R. O. Wood. 1,931,220; Oct. 17.
- Zinc phosphate material and making same. V. M. Darsey. 1,926,266; Sept. 12.
- Zinc phthalate, Preparing. L. C. Daniels. 1,934,171; Nov. 7.
- Zinc salts solutions, Production of. A. T. Mertes. 1,906,074; Apr. 25.

Zinc spelter baths and effecting their practice, Insulating. J. A. Moritz. 1,901,464; Mar. 14.
Zinc sulphate. E. A. Taylor. 1,922,902; Aug. 15.
Zinc sulphate, Production of. K. J. Petschow. 1,921,773; Aug. 8.
Zinc sulphate solutions, Preparation of. W. H. Hannay and F. E. Lee. 1,934,305; Nov. 7.
Zinc sulphide pigment, Making. N. C. Christensen. 1,937,639; Dec. 5.
Zinc white, Manufacture of. V. Szidon. 1,921,591; Aug. 8.

Zinciferous material, Reducing. E. C. Handwerk and G. T. Mahler. 1,921,820; Aug. 8.
Zinciferous materials, Reducing. E. H. Bunce. 1,896,221; Feb. 7.
Zirconium citrate hexamethylene tetramine. A. J. Galarie. 1,905,848; Apr. 25.
Zirconium refractories. J. D. Morgan. 1,923,003; Aug. 15.
Zirconium, silicon and alkali metal solutions and making same. C. J. Kinzie. 1,916,226; July 4.
Zone filter. G. A. Page. 1,938,085; Dec. 5.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Acid derivatives and process of making same. Fatty. Ferdinand Münz. No. 1,822,977; date of patent Sept. 15, 1931; disclaimer filed Mar. 7, 1933; v. 429; p. 80.
Acid derivatives and process of preparing same, Esterified fatty. Ferdinand Münz. No. 1,822,979; date of patent Sept. 15, 1931; disclaimer filed Mar. 7, 1933; v. 429; p. 80.
Acid, Method for the production of hydrocyanic. Burritt Samuel Lacy. No. 1,608,700; date of patent Nov. 30, 1926; disclaimer filed Sept. 22, 1933; v. 435; p. 493.
Acoustic device. John Preston Minton and Abraham Ringel. No. 1,868,019; date of patent July 19, 1932; disclaimer filed May 10, 1933; v. 431; p. 261.
Adhesive. Otis Johnson. Re. No. 16,422; date of patent Sept. 14, 1926; disclaimer filed Nov. 17, 1933; v. 437; p. 298.
Alcohol, Reduction of furfural tetrahydrofurfuryl. George D. Graves. No. 1,794,453; date of patent Mar. 3, 1931; disclaimer filed July 1, 1933; v. 433; p. 10.
Aluminum articles, Coating. Fulton B. Flick. No. 1,526,127; date of patent Feb. 10, 1925; disclaimer filed May 29, 1933; v. 431; p. 783.
Amplifier, Push-pull. Harold A. Wheeler. No. 1,878,741; date of patent Sept. 20, 1932; disclaimer filed Oct. 20, 1933; v. 436; p. 310.
Amplifiers, Automatic control for audion. Stuart Ballantine. No. 1,869,331; date of patent July 26, 1932; disclaimer filed Oct. 12, 1933; v. 436; p. 8.
Amplifying device, power-limiting. Howard De Forest Arnold. No. 1,504,537; date of patent Aug. 12, 1924; disclaimer filed June 24, 1933; v. 432; p. 520.
Audions, Circuit for hearing the filaments of. David G. Blattner. No. 1,483,273; date of patent Feb. 12, 1924; disclaimer filed June 24, 1933; v. 432; p. 520.
Aviation marker. Arthur M. Wilhelm. No. 1,847,739; date of patent Mar. 1, 1932; disclaimer filed Feb. 3, 1933; v. 428; p. 8.
Bag-filling machine. Clark H. Rice. No. 1,795,265; date of patent Mar. 3, 1931; disclaimer filed Sept. 7, 1933; v. 434; p. 763.
Bearing. Charles Frederic Sherwood. No. 1,416,988; date of patent May 23, 1922; disclaimer filed May 22, 1933; v. 431; p. 527.
Board and method of manufacturing the same, Composition. Brouwer D. McIntyre. No. 1,844,434; date of patent Feb. 9, 1932; disclaimer filed Jan. 24, 1933; v. 427; p. 264.
Bushings. Robert D. Pike. No. 1,770,582; date of patent July 15, 1930; disclaimer filed Mar. 15, 1933; v. 429; p. 80.
Bushings, Antishort. Otto Arthur Frederickson. No. 1,801,549; date of patent Apr. 21, 1931; disclaimer filed Dec. 8, 1932; v. 426; p. 8.
Cable, Power. Washington Irving Middleton. No. 1,755,930; date of patent Apr. 22, 1930; disclaimer filed Mar. 29, 1933; v. 429; p. 196.
Calcium cyanide and product thereof, Method of making. Floyd J. Metzger. No. 1,573,732; date of patent Feb. 16, 1926; disclaimer filed June 14, 1933; v. 432; p. 268.
Car coupler. Arthur J. Bazeley. No. 1,848,689; date of patent Mar. 8, 1932; disclaimer filed Aug. 22, 1933; v. 434; p. 528.
Carburetor. Eart Bush and Albert J. Sower. No. 1,846,789; date of patent Feb. 23, 1932; disclaimer filed Nov. 2, 1933; v. 436; p. 819.
Carriage-shift control for calculating machines. George C. Chase. No. 1,773,025; date of patent Aug. 12, 1930; disclaimer filed July 19, 1933; v. 433; p. 507.
Chuck closing and opening mechanism. John J. N. Van Hamersveld and Edward P. Burrell. No. 1,816,239; date of patent July 28, 1931; disclaimer filed Aug. 5, 1933; v. 433; p. 1087.
Circuit breaker, Automatic. Joseph Sachs. No. 1,819,005; date of patent Aug. 18, 1931; disclaimer filed July 11, 1933; v. 433; p. 230.
Circuits for electron discharge devices. Robert C. Mathes. No. 1,426,754; date of patent Aug. 22, 1922; disclaimer filed June 24, 1933; v. 432; p. 760.
Compass. James D. Tear. No. 1,774,458; date of patent Aug. 26, 1930; disclaimer filed Apr. 13, 1933; v. 430; p. 322.
Computing machine. Sigurd L. Walsoe and Lawrence J. Betz. No. 1,837,599; date of patent Dec. 22, 1931; disclaimer filed May 4, 1933; v. 432; p. 268.
Concrete roadways, Method of and apparatus for forming. Walter S. Edge. No. 1,778,451; date of patent Oct. 14, 1930; disclaimer filed Nov. 9, 1933; v. 437; p. 298.

Conductors, Means for diverting energy from high potential. Arthur O. Austin. No. 1,796,431; date of patent Mar. 17, 1931; disclaimer filed Nov. 8, 1933; v. 437; p. 1.
Control mechanism. Clesson E. Mason. No. 1,897,135; date of patent Feb. 14, 1933; disclaimer filed May 11, 1933; v. 431; p. 261.
Cooking apparatus. John C. Bergner. No. 1,492,541; date of patent Apr. 29, 1924; disclaimer filed Mar. 9, 1933; v. 429; p. 79.
Coupling system, High-frequency. John Kelly Johnson. No. 1,855,054; date of patent Apr. 19, 1932; disclaimer filed Feb. 23, 1933; v. 428; p. 266.
Coupling system, High-frequency. John Kelly Johnson. No. 1,855,054; date of patent Apr. 19, 1932; disclaimer filed May 6, 1933; v. 431; p. 10.
Die-sinking machine. Albert Arthur. No. 1,258,975; date of patent Mar. 12, 1918; disclaimer filed Nov. 17, 1933; v. 437; p. 298.
Electric-arc control. Joseph W. Legg. No. 1,531,668; date of patent Mar. 31, 1925; disclaimer filed Feb. 28, 1933; v. 429; p. 79.
Electric cable, Armored. Otto A. Frederickson. No. 1,687,013; date of patent Oct. 9, 1928; disclaimer filed Dec. 8, 1932; v. 426; p. 8.
Electric cooking apparatus. Ludwig Reichold. No. 1,822,314; date of patent Sept. 8, 1931; disclaimer filed Aug. 30, 1933; v. 434; p. 763.
Electric-crystal apparatus, Piezo-. Alfred Crossley. No. 1,572,773; date of patent Feb. 9, 1926; disclaimer filed May 5, 1933; v. 430; p. 1281.
Electric crystal control system, Piezo-. Albert H. Taylor. No. 1,581,701; date of patent Apr. 20, 1926; disclaimer filed May 5, 1933; v. 431; p. 10.
Electric motor. Richard H. Whitehead and Wilson E. Porter. No. 1,830,727; date of patent Nov. 3, 1931; disclaimer filed Nov. 11, 1933; v. 437; p. 298.
Electric resonator, Piezo-. Walter G. Cady. Re. No. 17,357; date of patent July 2, 1929; disclaimer filed Apr. 10, 1933; v. 430; p. 321.
Electric switch. Joel R. Cook. No. 1,781,441; date of patent Nov. 11, 1930; disclaimer filed Aug. 31, 1933; v. 434; p. 763.
Electric switch. Chester I. Hall. No. 1,683,132; date of patent Sept. 4, 1928; disclaimer filed Aug. 18, 1933; v. 434; p. 527.
Electrical measuring instrument. Ray L. Triplett. No. 1,918,940; date of patent July 18, 1933; disclaimer filed Oct. 30, 1933; v. 436; p. 819.
Electron-discharge device and method of making the same. Hendrik J. van der Bijl. No. 1,738,269; date of patent Dec. 3, 1929; disclaimer filed Sept. 20, 1933; v. 435; p. 221.
Electron tubes, Control circuit for. Alfred Crossley. No. 1,696,626; date of patent Dec. 25, 1928; disclaimer filed Apr. 29, 1933; v. 430; p. 1281.
Engines, Governor for internal-combustion. Edward Knauss and Herman G. Adler. No. 1,670,365; date of patent May 22, 1928; disclaimer filed July 31, 1933; v. 433; p. 1087.
Fabric, Elastic. Thomas F. Moore. No. 1,896,783; date of patent Feb. 7, 1933; disclaimer filed Aug. 4, 1933; v. 433; p. 1088.
Fastener. Emil Kern. No. 1,832,935; date of patent Nov. 24, 1931; disclaimer filed Oct. 23, 1933; v. 436; p. 310.
Finishing welt. Robert C. Schemmel. No. 1,226,600; date of patent May 15, 1917; disclaimer filed Aug. 15, 1933; v. 434; p. 8.
Flexible connection. George H. Zouck. No. 1,849,131; date of patent Mar. 15, 1932; disclaimer filed Aug. 21, 1933; v. 434; p. 528.
Focusing finder. Oscar A. Ross. No. 1,819,844; date of patent Aug. 18, 1931; disclaimer filed July 15, 1933; v. 433; p. 230.
Frequency modulation. George L. Usselman. No. 1,794,932; date of patent Mar. 3, 1931; disclaimer filed May 27, 1933; v. 431; p. 784.
Fruit pitter. John Edwin Sturges. No. 1,725,223; date of patent Aug. 20, 1929; disclaimer filed June 13, 1933; v. 432; p. 268.
Fumigating, Method of and apparatus for. Floyd J. Metzger and George Carl Bauer. No. 1,675,123; date of patent June 26, 1928; disclaimer filed June 14, 1933; v. 432; p. 268.
Furnace, Gas. Edwin A. Jones. Re. No. 17,817; date of patent Sept. 30, 1930; disclaimer filed June 16, 1933; v. 432; p. 268.

- Furs and the like, Bleached and dyed. Hyman Stein, William E. Austin, and Irving Liebowitz. No. 1,564,378; date of patent Dec. 8, 1925; disclaimer filed May 3, 1933; v. 430; p. 1281.
- Gas-cutting machine. Worthy C. Bucknam. No. 1,324,007; date of patent Dec. 2, 1919; disclaimer filed Feb. 18, 1933; v. 428; p. 266.
- Gasket. Wilbur G. Laird. No. 1,825,962; date of patent Oct. 6, 1931; disclaimer filed June 13, 1933; v. 432; p. 268.
- Gear. Roy B. Fehr. No. 1,813,875; date of patent July 7, 1931; disclaimer filed Sept. 19, 1933; v. 435; p. 221.
- Grinding machinery. Sol Einstein. No. 1,772,932; date of patent Aug. 12, 1930; disclaimer filed Dec. 6, 1933; v. 437; p. 864.
- Grinding. Process of. Sol Einstein. No. 1,779,467; date of patent Oct. 28, 1930; disclaimer filed Dec. 6, 1933; v. 437; p. 866.
- Hair-waving appliance, Permanent-. Josef Mayer. Re. No. 17,585; date of patent Feb. 11, 1930; disclaimer filed Apr. 4, 1933; v. 429; p. 504.
- Hair-waving outfit. George Decker. No. 1,683,531; date of patent Sept. 4, 1928; disclaimer filed Apr. 4, 1933; v. 429; p. 504.
- Headlight for toy vehicles. George R. Ericson. No. 1,905,931; date of patent Apr. 25, 1933; disclaimer filed Apr. 24, 1933; v. 430; p. 634.
- Heat-treatment chamber. William A. Morton and Paul L. Geer. No. 1,828,904; date of patent Oct. 27, 1931; disclaimer filed Sept. 18, 1933; v. 435; p. 222.
- Heating inclosures electrically. Means of. Clarence L. Burgher. Re. No. 17,857; date of patent Nov. 11, 1930; disclaimer filed Dec. 10, 1932; v. 426; p. 237.
- Hydrocarbons. Process and apparatus for treating. Jean D. Seguy. No. 1,888,051; date of patent Nov. 15, 1932; disclaimer filed Sept. 28, 1933; v. 435; p. 1038.
- Journal box. Albert O. Buckius. No. 1,828,312; date of patent Oct. 20, 1931; disclaimer filed Mar. 20, 1933; v. 429; p. 80.
- Lighting unit. Ward Harrison and John H. Waterbury. No. 1,536,844; date of patent May 5, 1925; disclaimer filed Dec. 22, 1932; v. 426; p. 459.
- Locomotive booster. Montague H. Roberts and Frank R. Peters. No. 1,602,124; date of patent Oct. 5, 1926; disclaimer filed Apr. 5, 1933; v. 430; p. 322.
- Locomotive-booster apparatus. Montague H. Roberts. No. 1,647,146; date of patent Nov. 1, 1927; disclaimer filed Apr. 5, 1933; v. 430; p. 322.
- Locomotive-booster lubrication. Montague H. Roberts. No. 1,600,427; date of patent Sept. 21, 1926; disclaimer filed Apr. 5, 1933; v. 430; p. 18.
- Locomotives. Booster-motor for. Howard L. Ingersoll. No. 1,375,293; date of patent Apr. 19, 1921; disclaimer filed Apr. 5, 1933; v. 430; p. 17.
- Materials. Process for decomposing organic. Richard J. Dearborn and George W. Gray. No. 1,861,956; date of patent June 7, 1932; disclaimer filed July 19, 1933; v. 433; p. 507.
- Metal and its manufacture. Aladar Pacz. No. 1,410,499; date of patent Mar. 21, 1922; disclaimer filed Nov. 10, 1933; v. 437; p. 1.
- Metal-cutting machine and control system therefor. Walter F. Babcock. No. 1,904,975; date of patent Apr. 18, 1933; disclaimer filed Aug. 7, 1933; v. 433; p. 1088.
- Mixing machine. Joseph T. Simpson. No. 1,670,750; date of patent May 22, 1928; disclaimer filed Apr. 7, 1933; v. 430; p. 322.
- Motor-control apparatus. Robert M. Gilson. No. 1,833,521; date of patent Nov. 24, 1931; disclaimer filed June 22, 1933; v. 432; p. 520.
- Oil-feed-controlling mechanism. Clarence D. Douty. No. 1,219,812; date of patent Mar. 20, 1917; disclaimer filed Sept. 15, 1933; v. 435; p. 8.
- Oil. Separating wax from. Vanderveer Vorhees. No. 1,862,874; date of patent June 14, 1932; disclaimer filed Apr. 20, 1933; v. 430; p. 634.
- Oscillator. Multi-frequency crystal-controlled. Albert H. Taylor. No. 1,578,296; date of patent Mar. 30, 1926; disclaimer filed Apr. 22, 1933; v. 430; p. 949.
- Pad-making machine. William Bauer. No. 1,794,358; date of patent Mar. 3, 1931; disclaimer filed Mar. 28, 1933; v. 429; p. 196.
- Paper-making machine. Charles R. Seaborne. No. 1,517,018; date of patent Nov. 25, 1924; disclaimer filed July 24, 1933; v. 433; p. 800.
- Pencil. Magazine lead. Alfred Woelm. No. 1,700,247; date of patent Jan. 29, 1929; disclaimer filed Jan. 20, 1933; v. 427; p. 6.
- Pencil. Step-by-step lead. Alfred Woelm. No. 1,700,246; date of patent Jan. 29, 1929; disclaimer filed Jan. 20, 1933; v. 427; p. 6.
- Phenol-resin composition. Howard L. Bender. No. 1,717,600; date of patent June 18, 1929; disclaimer filed July 25, 1933; v. 433; p. 1087.
- Photograph apparatus. Sensitized. Alexander McLean Nicolson. No. 1,798,750; date of patent Mar. 31, 1931; disclaimer filed Oct. 27, 1933; v. 436; p. 553.
- Photographs with linear phonogram carriers. Device for. Hans Vogt, Joseph Massolle, and Josef Engl. No. 1,713,726; date of patent May 21, 1929; disclaimer filed June 1, 1933; v. 431; p. 784.
- Piston rings. Process of making. Lewis C. Marshall. No. 1,758,575; date of patent May 13, 1930; disclaimer filed Nov. 23, 1933; v. 437; p. 573.
- Power supply apparatus. Ernest R. Hentschel. No. 1,835,395; date of patent Dec. 8, 1931; disclaimer filed Aug. 2, 1933; v. 433; p. 1088.
- Pressing machine. Arthur H. Adams. No. 1,771,476; date of patent July 29, 1930; disclaimer filed Apr. 21, 1933; v. 430; p. 634.
- Pulp-screening machine. Anton J. Haug. No. 1,533,410; date of patent Apr. 14, 1925; disclaimer filed Dec. 14, 1932; v. 426; p. 237.
- Pyrolysis. Art of. Nathaniel Loomis, Albert H. Tomlinson, and Frank A. Howard. No. 1,785,274; date of patent Dec. 16, 1930; disclaimer filed July 15, 1933; v. 433; p. 230.
- Radio-frequency coupling device. Tuned. Walter Van B. Roberts. No. 1,831,640; date of patent Nov. 10, 1931; disclaimer filed Feb. 3, 1933; v. 427; p. 522.
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